

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003205.D
 Acq On : 06 Jul 2018 06:48
 Operator : JC/MD
 Sample : J3844-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:43 PM

Quant Time: Jul 06 08:12:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145733	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	
35) Dibromofluoromethane	5.51	113	129781	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.72	98	399933	39.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.08%	
62) 4-Bromofluorobenzene	11.14	95	175213	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113446	51.21	ug/l	98
3) Chloromethane	1.32	50	114075	49.58	ug/l	99
4) Vinyl Chloride	1.40	62	140278	49.98	ug/l	98
5) Bromomethane	1.64	94	33088	23.83	ug/l	99
6) Chloroethane	1.72	64	87286	53.15	ug/l	97
7) Trichlorofluoromethane	1.93	101	227585	48.07	ug/l	99
8) Diethyl Ether	2.19	74	88974	51.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132480	48.30	ug/l	97
10) Methyl Iodide	2.51	142	169046	59.43	ug/l	97
11) Tert butyl alcohol	3.09	59	196260	287.22	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123186	50.33	ug/l	89
13) Acrolein	2.30	56	104479	275.37	ug/l	100
14) Allyl chloride	2.73	41	224161	46.46	ug/l	93
15) Acrylonitrile	3.15	53	413805	283.53	ug/l	99
16) Acetone	2.45	43	375970	264.68	ug/l	95
17) Carbon Disulfide	2.57	76	308433	47.30	ug/l	99
18) Methyl Acetate	2.78	43	236177	59.47	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460212	52.31	ug/l	99
20) Methylene Chloride	2.86	84	145042	52.47	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	135113	50.69	ug/l	93
22) Diisopropyl ether	3.88	45	478239	51.86	ug/l	97
23) Vinyl Acetate	3.83	43	1720702	220.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	260359	51.94	ug/l	99
25) 2-Butanone	4.72	43	634834	301.13	ug/l	97
26) 2,2-Dichloropropane	4.59	77	83519	20.49	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	162536	54.38	ug/l	89
28) Bromochloromethane	5.03	49	114749	47.83	ug/l	89
29) Tetrahydrofuran	5.17	42	404655	299.32	ug/l	96
30) Chloroform	5.22	83	285097	55.42	ug/l	95
31) Cyclohexane	5.58	56	225765	52.48	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	246692	54.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198671	51.80	ug/l	98
37) Ethyl Acetate	4.87	43	207442	50.23	ug/l	98
38) Carbon Tetrachloride	5.78	117	224136	53.25	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220027	49.25	ug/l	98
40) Benzene	6.15	78	611072	54.83	ug/l	100
41) Methacrylonitrile	5.07	41	133585	56.17	ug/l	97
42) 1,2-Dichloroethane	6.20	62	230428	51.19	ug/l	98
43) Isopropyl Acetate	6.48	43	346955	50.09	ug/l	97
44) Trichloroethene	7.22	130	176810	53.21	ug/l	99
45) 1,2-Dichloropropane	7.53	63	160093	54.15	ug/l	100
46) Dibromomethane	7.67	93	110055	53.64	ug/l	94
47) Bromodichloromethane	7.90	83	211112	55.66	ug/l	98
48) Methyl methacrylate	7.79	41	199722	55.96	ug/l	94
49) 1,4-Dioxane	7.76	88	84282	1213.86	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1261972	291.22	ug/l	97
52) Toluene	8.79	92	393266	55.08	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	209305	48.73	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	197612	47.81	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	165429	56.39	ug/l	98
56) Ethyl methacrylate	9.19	69	240354	56.06	ug/l	92
57) 1,3-Dichloropropane	9.38	76	265303	55.06	ug/l	99
59) 2-Hexanone	9.50	43	968798	294.16	ug/l	95
60) Dibromochloromethane	9.59	129	178984	57.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	174440	56.69	ug/l	99
64) Tetrachloroethene	9.34	164	196795	53.30	ug/l	98
65) Chlorobenzene	10.14	112	454434	53.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172509	56.30	ug/l	99
67) Ethyl Benzene	10.26	91	758712	54.46	ug/l	100
68) m/p-Xylenes	10.36	106	593396	110.51	ug/l	97
69) o-Xylene	10.70	106	292040	55.86	ug/l	96
70) Stvrene	10.71	104	470952	55.43	ug/l	98
71) Bromoform	10.86	173	145953	52.51	ug/l	99
73) Isopropylbenzene	11.02	105	783854	54.90	ug/l	99
74) N-amyl acetate	6.48	43	346955	49.67	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	245050	55.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	240467m	62.55	ug/l	
77) Bromobenzene	11.26	156	221226	54.41	ug/l	95
78) n-propylbenzene	11.37	91	864356	53.19	ug/l	98
79) 2-Chlorotoluene	11.43	91	521711	53.03	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	656255	54.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50765	39.10	ug/l	99
82) 4-Chlorotoluene	11.51	91	612887	52.62	ug/l	98
83) tert-Butylbenzene	11.77	119	661933	55.86	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	676428	54.29	ug/l	98
85) sec-Butylbenzene	11.95	105	772718	53.75	ug/l	99
86) p-Isopropyltoluene	12.07	119	691368	53.49	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	400162	53.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400108	52.36	ug/l	99
89) n-Butylbenzene	12.39	91	553565	49.21	ug/l	98
90) Hexachloroethane	12.60	117	109117	56.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	408383	54.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57380	58.04	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	300908	55.17	ug/l	100

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136372	50.13	ug/l	99
95) Naphthalene	13.84	128	867113	59.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306856	56.32	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

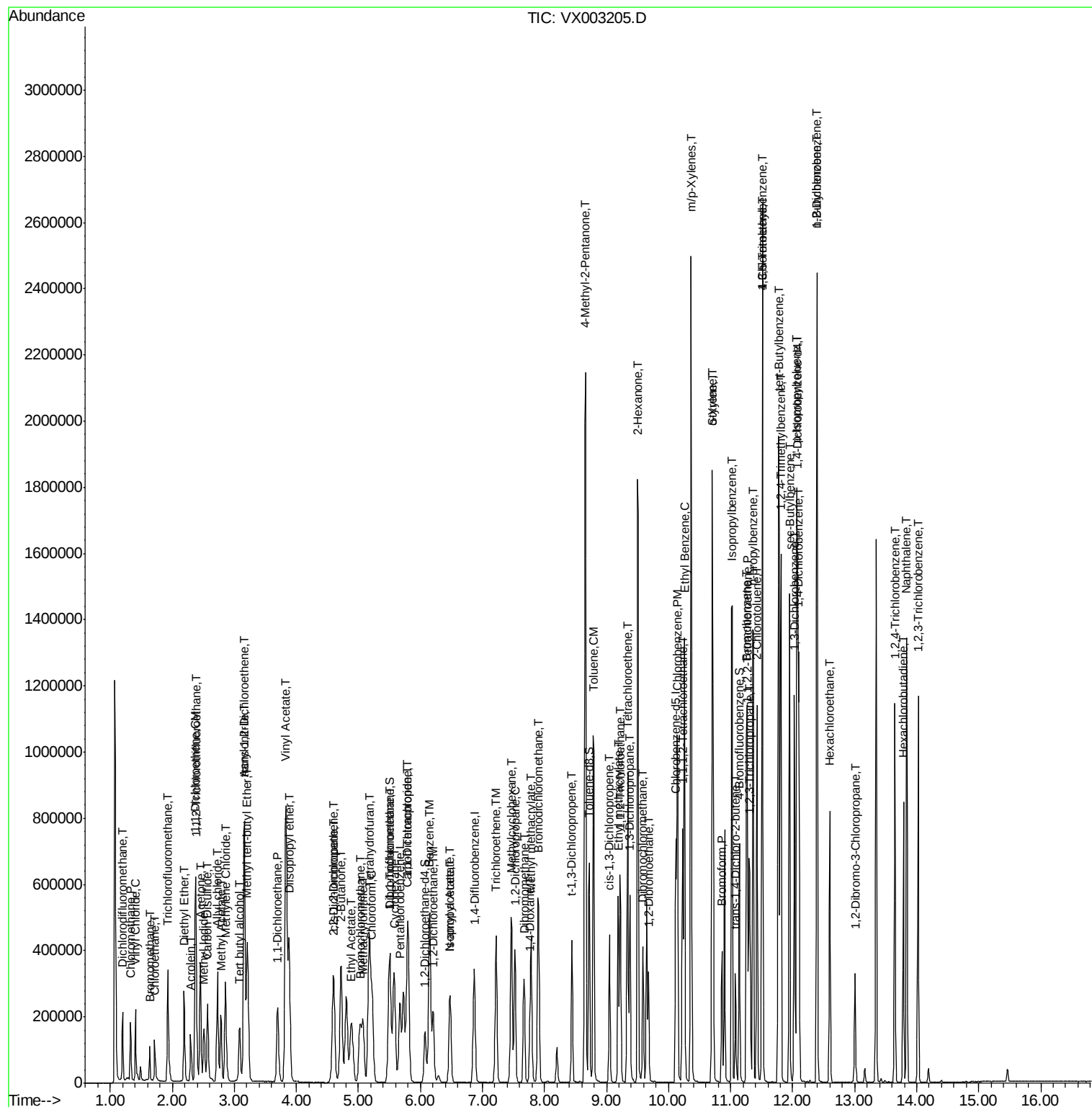
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070518\
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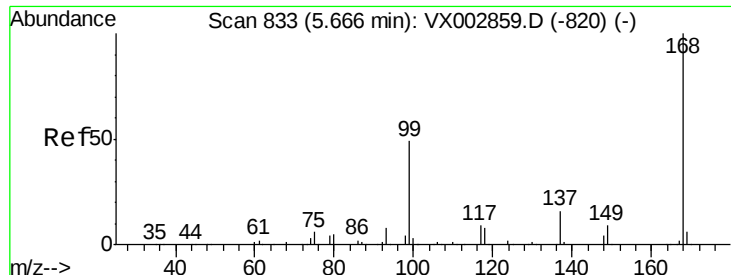
Instrument :
MSVOA_X
Client Sample ID :
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion:168 Resp: 248161

Ion Ratio Lower Upper

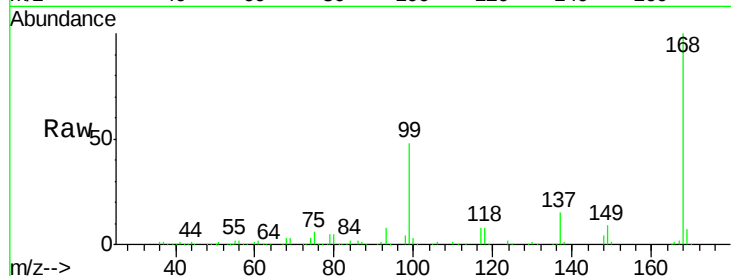
168 100

99 48.2 39.3 58.9

Manual Integrations
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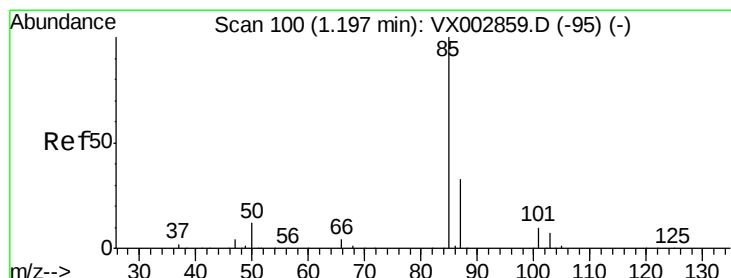
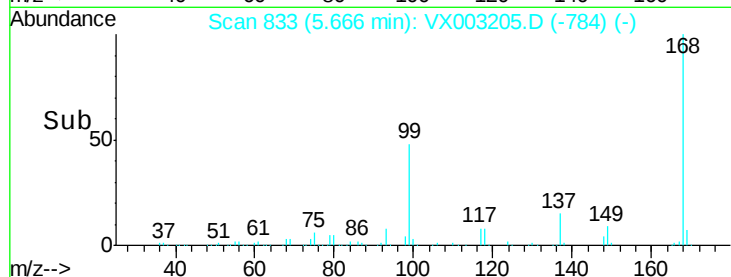
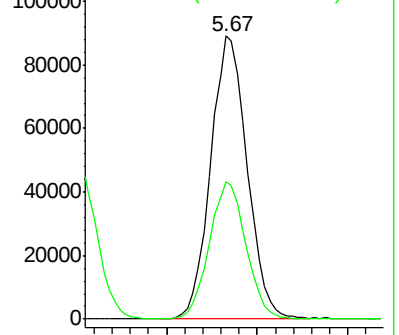
sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003205.D

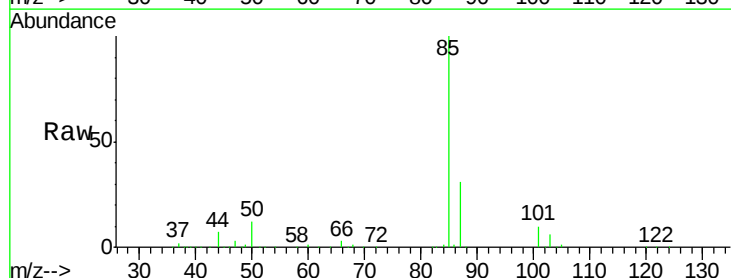
Acq: 06 Jul 2018 06:48

Tgt Ion: 85 Resp: 113446

Ion Ratio Lower Upper

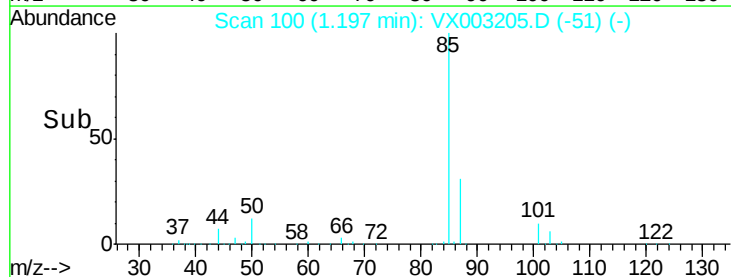
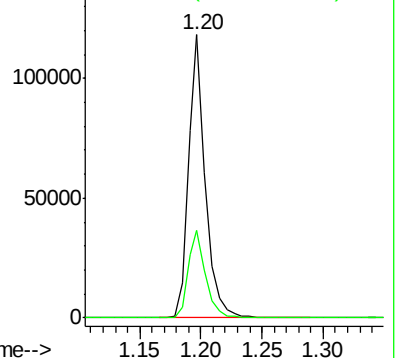
85 100

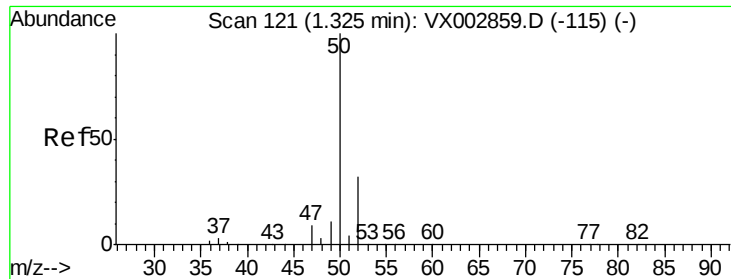
87 31.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 50 Resp: 114075

Ion Ratio Lower Upper

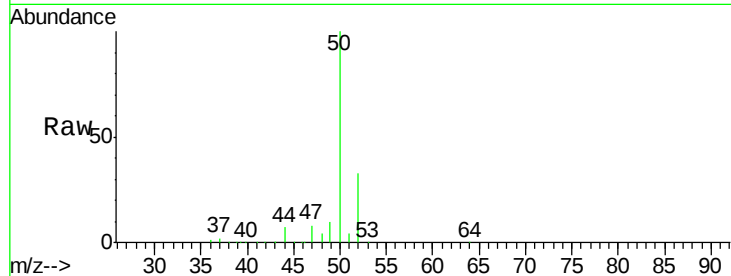
50 100

52 32.6 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

20000

0

1.25

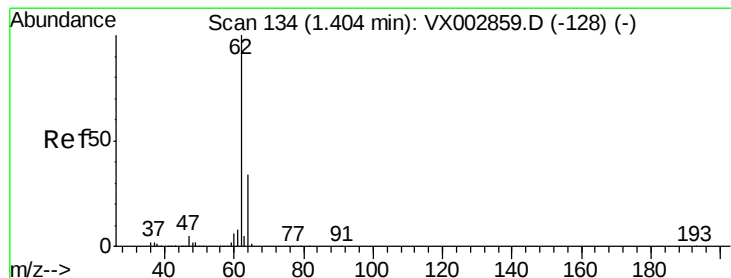
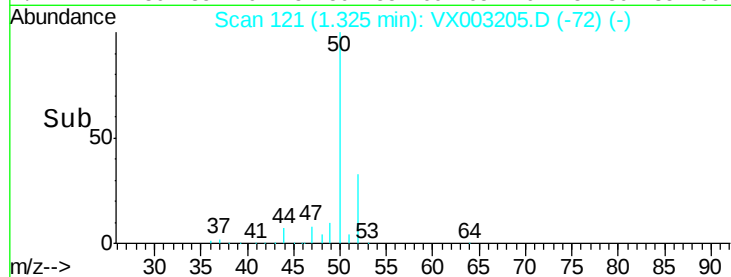
1.30

1.32

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 49.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003205.D

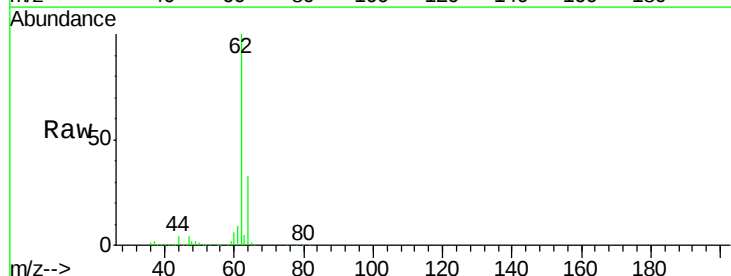
Acq: 06 Jul 2018 06:48

Tgt Ion: 62 Resp: 140278

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

100000

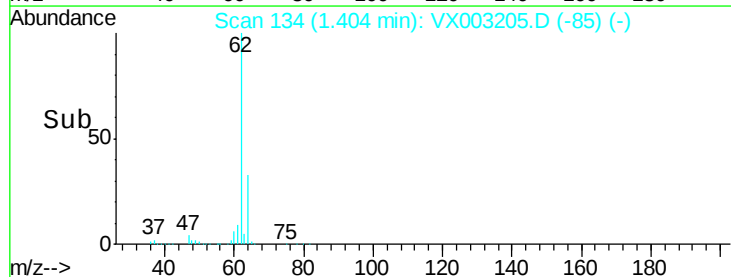
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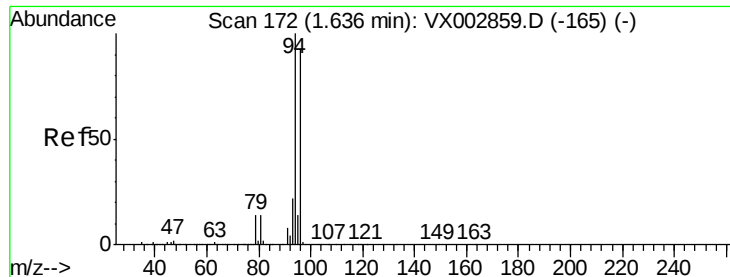
0

1.40

1.50

Time-->





#5

Bromomethane

Concen: 23.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

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Tot Ion: 94 Resp: 33088

Ion Ratio Lower Upper

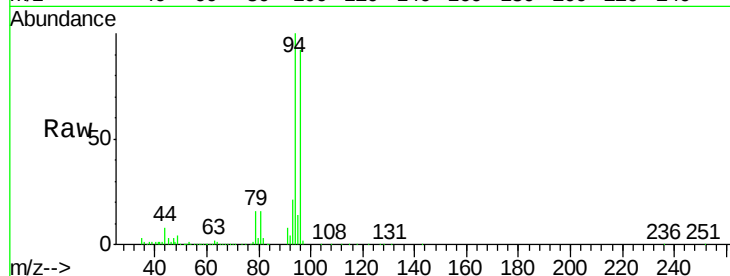
94 100

96 92.6 74.9 112.3

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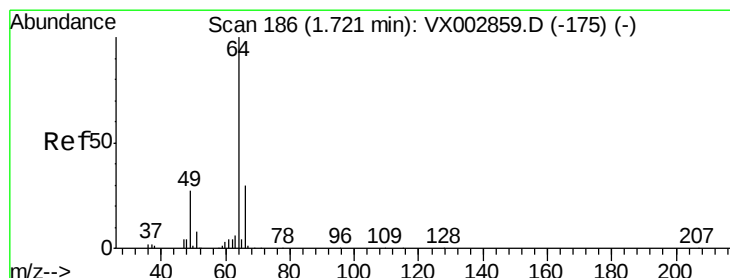
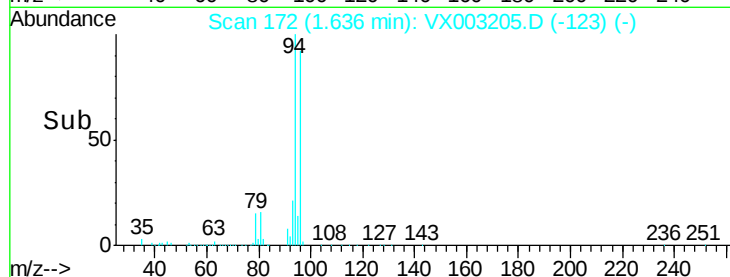
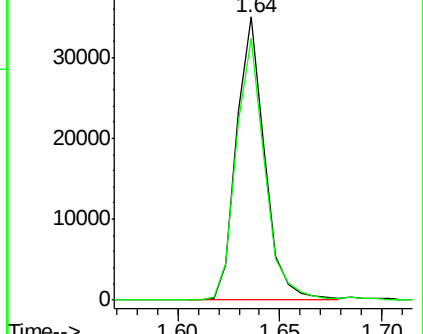
sam

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.15 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003205.D

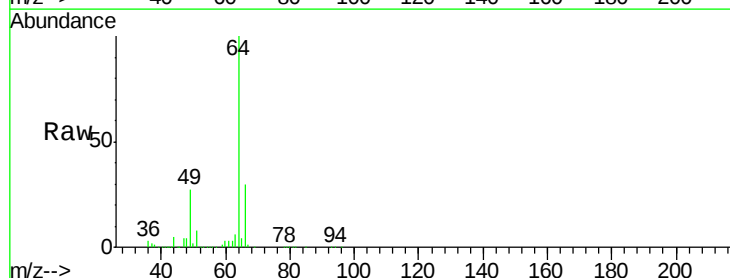
Acq: 06 Jul 2018 06:48

Tgt Ion: 64 Resp: 87286

Ion Ratio Lower Upper

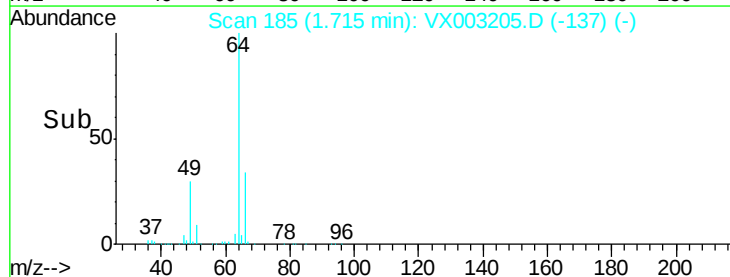
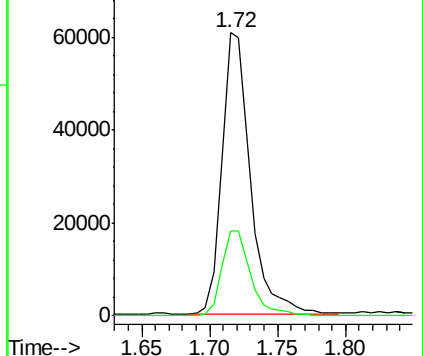
64 100

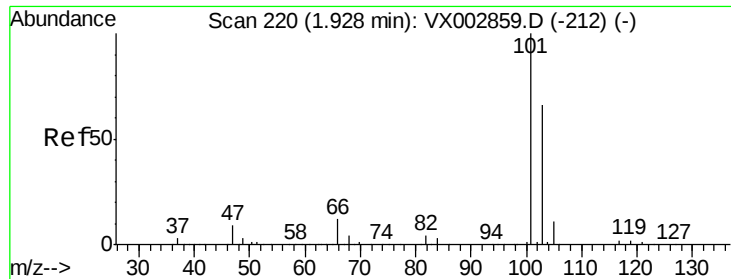
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 48.07 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion:101 Resp: 227585

Ion Ratio Lower Upper

101 100

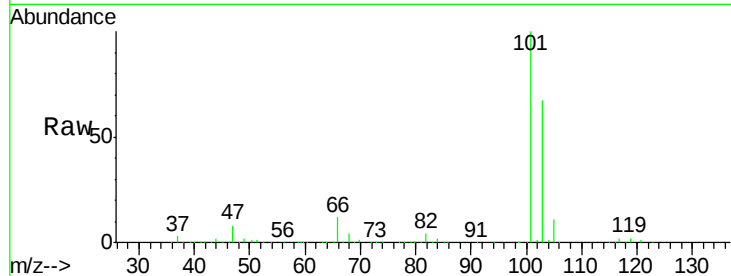
103 66.9 52.8 79.2

Manual Integrations

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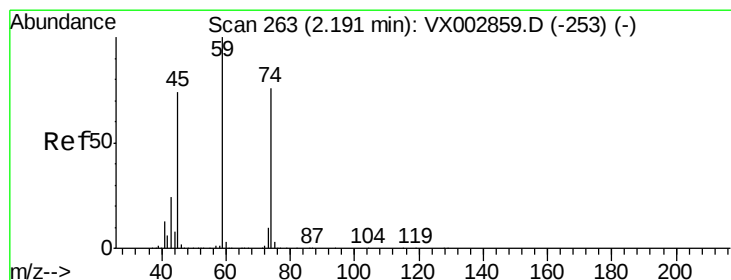
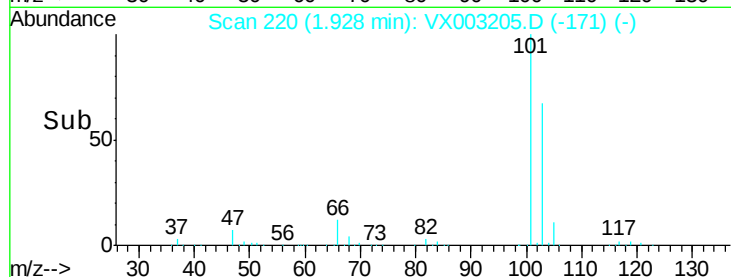
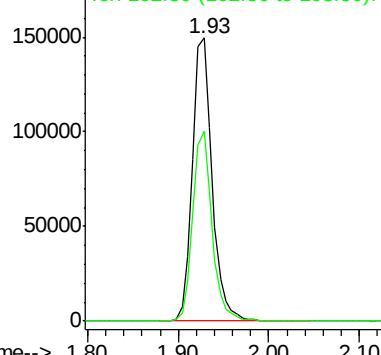
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.70 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003205.D

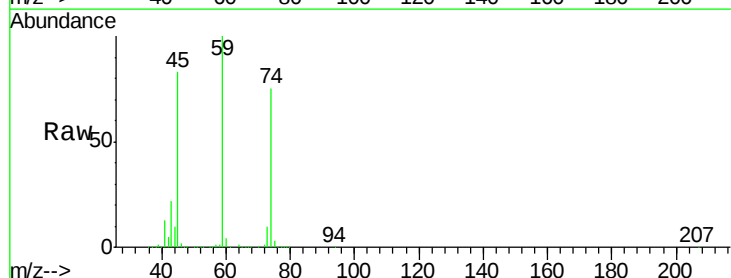
Acq: 06 Jul 2018 06:48

Tgt Ion: 74 Resp: 88974

Ion Ratio Lower Upper

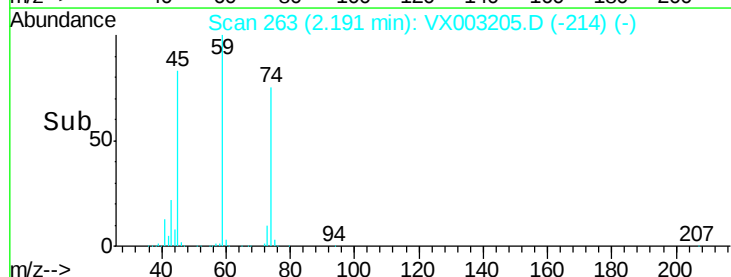
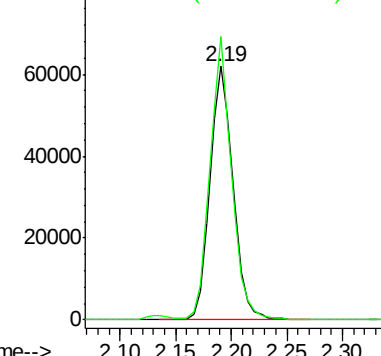
74 100

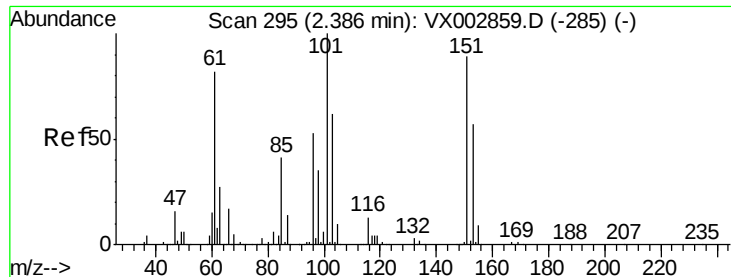
45 103.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

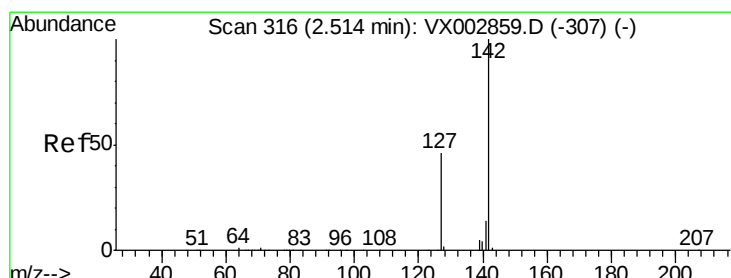
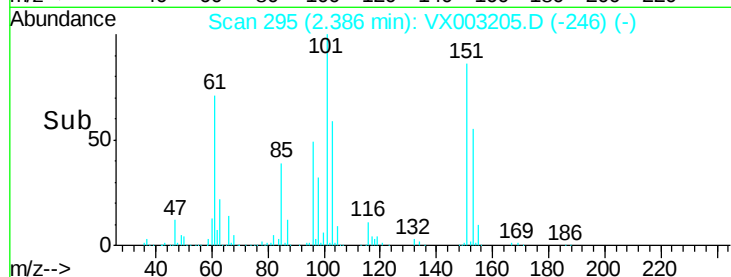
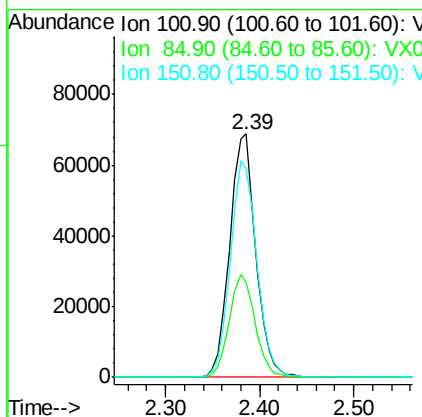
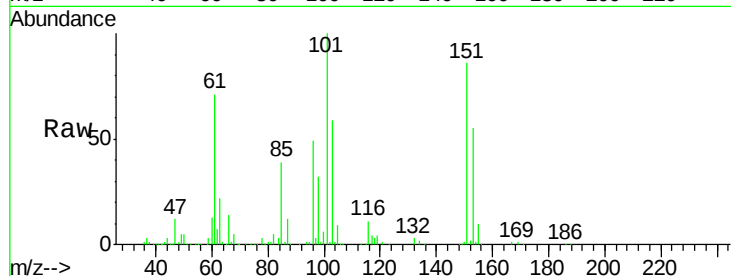
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	101	Resp:	132480
Ion Ratio	Lower	Upper	
101	100		
85	42.2	36.0	54.0
151	90.7	70.9	106.3

Manual Integrations
APPROVED

sam
7/6/2018 4:20:43 PM



#10

Methyl Iodide

Concen: 59.43 ug/l

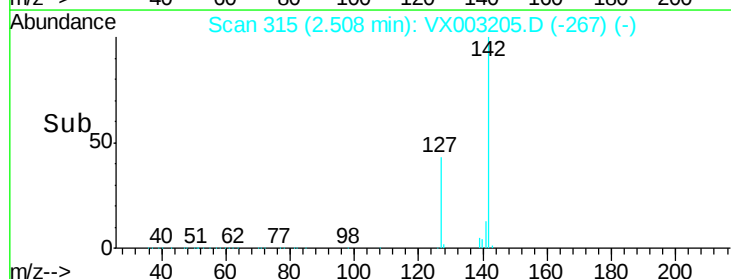
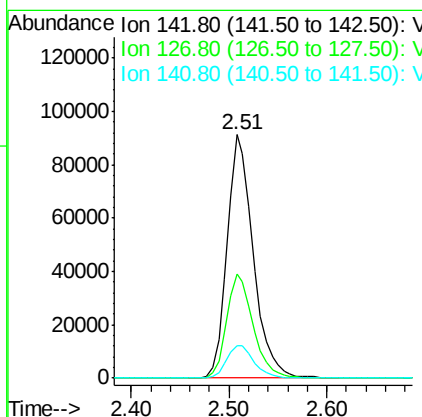
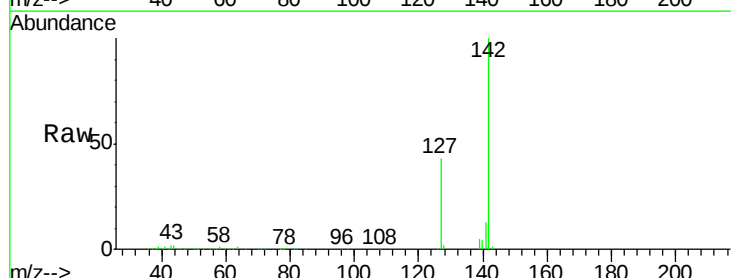
RT: 2.51 min Scan# 315

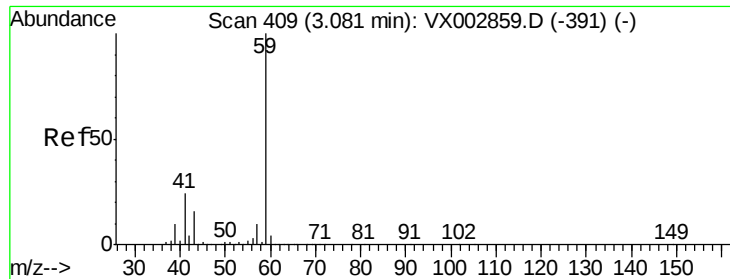
Delta R.T. -0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	142	Resp:	169046
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.6	55.0
141	14.2	11.3	16.9





#11

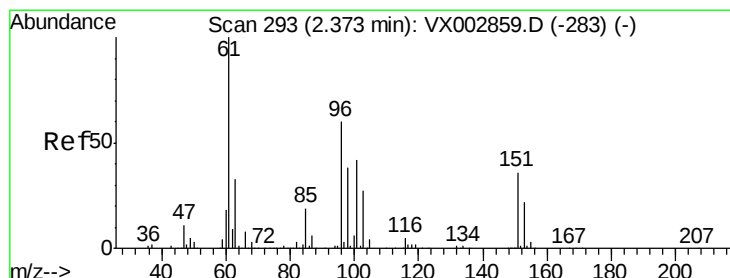
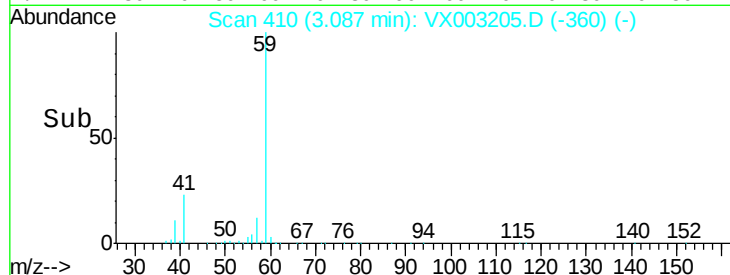
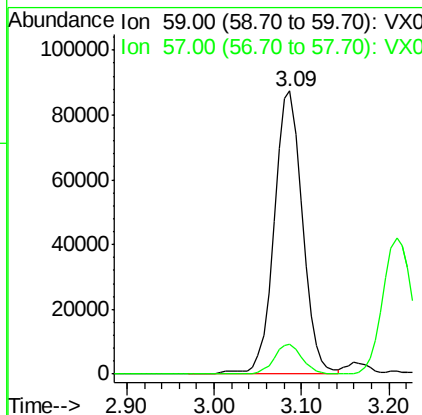
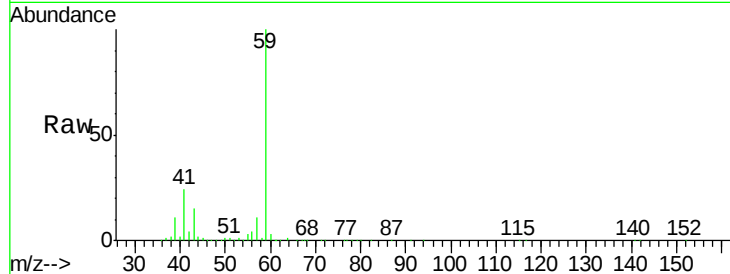
Tert butyl alcohol
 Concen: 287.22 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

Manual Integrations
 APPROVED

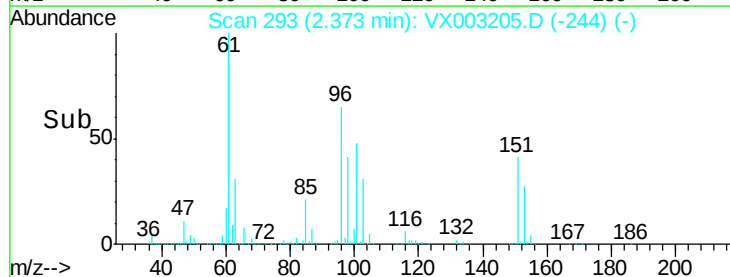
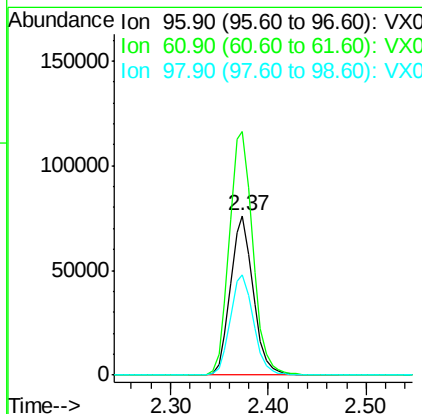
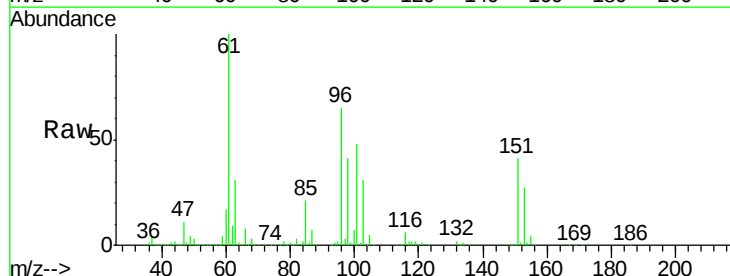
sam
 7/6/2018 4:20:43 PM

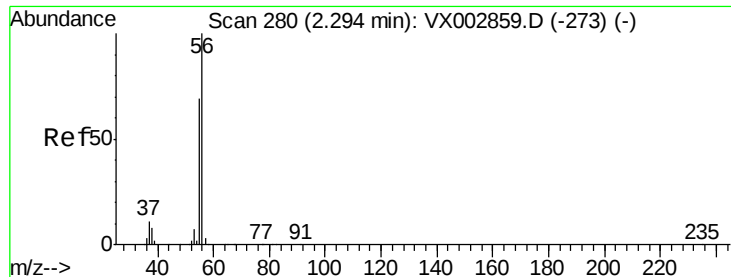


#12

1,1-Dichloroethene
 Concen: 50.33 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	137.9	206.9
98	63.1	51.6	77.4





#13

Acrolein

Concen: 275.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 56 Resp: 104479

Ion Ratio Lower Upper

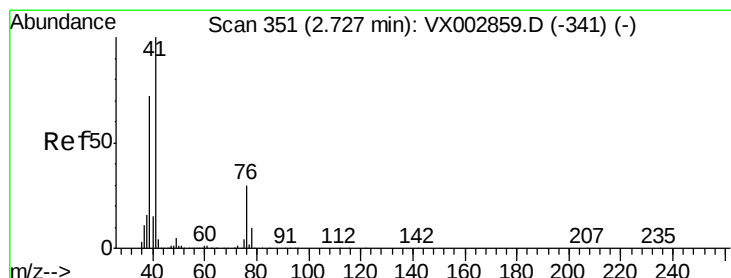
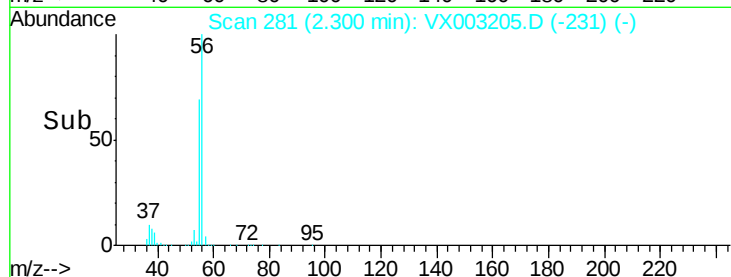
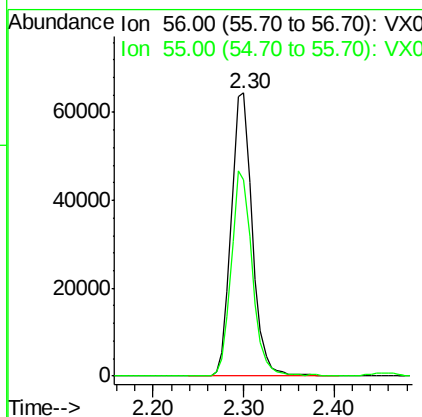
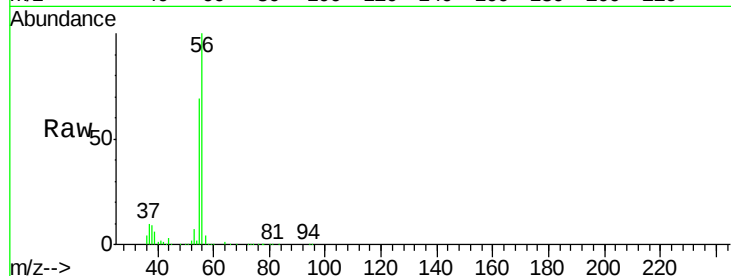
56 100

55 71.1 57.0 85.4

Manual Integrations
APPROVED

sam

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#14

Allyl chloride

Concen: 46.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

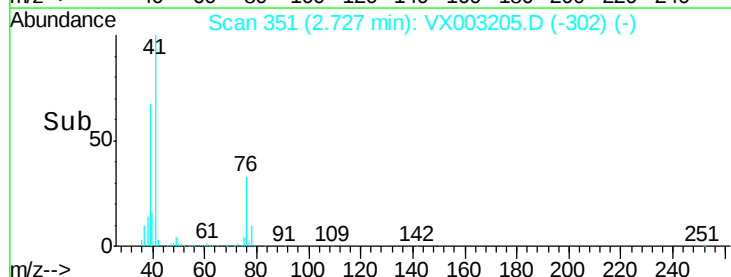
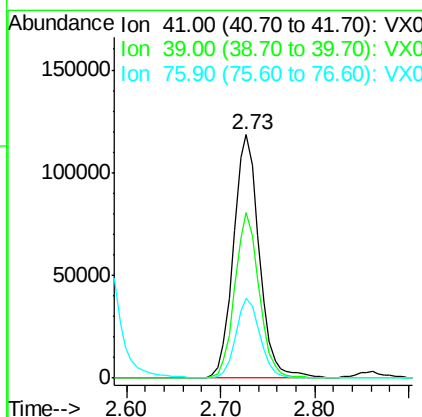
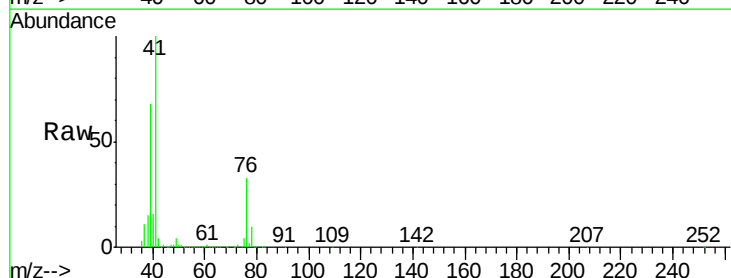
Tgt Ion: 41 Resp: 224161

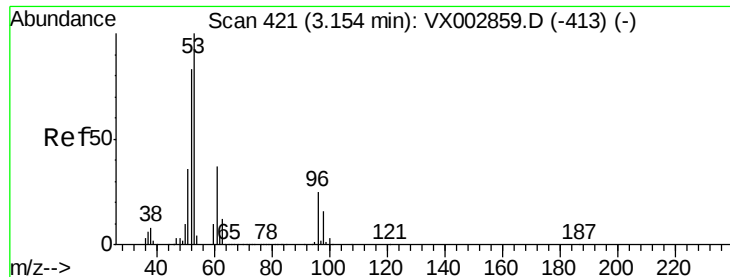
Ion Ratio Lower Upper

41 100

39 63.8 56.8 85.2

76 30.9 23.8 35.8





#15

Acrylonitrile

Concen: 283.53 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

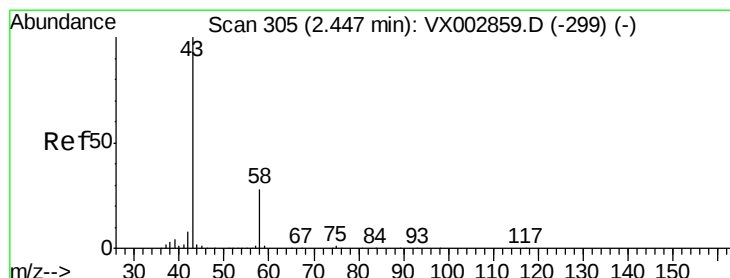
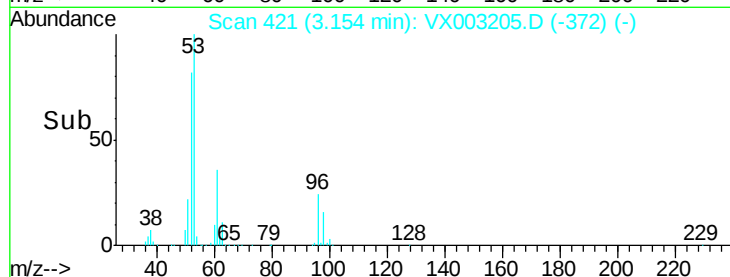
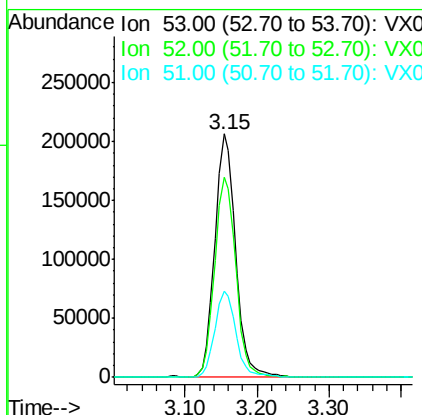
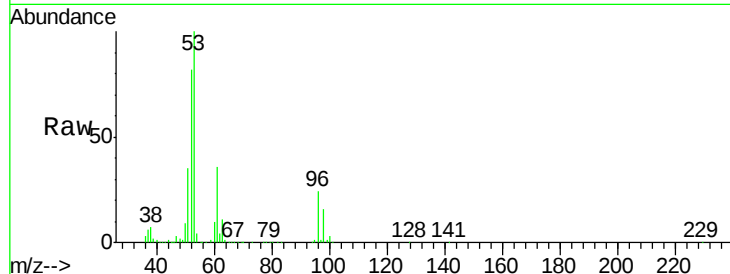
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	53	Resp:	413805
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 264.68 ug/l

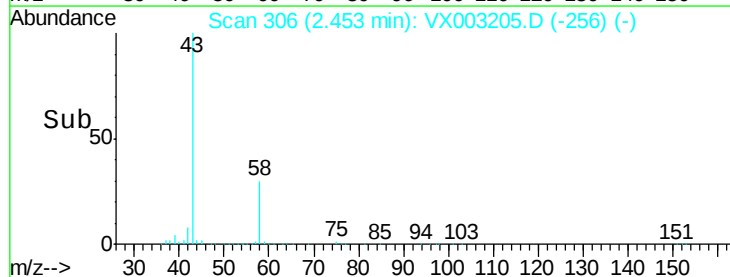
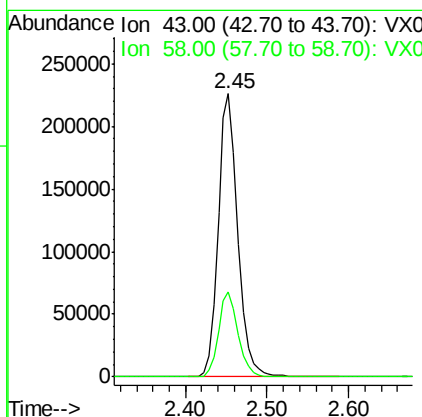
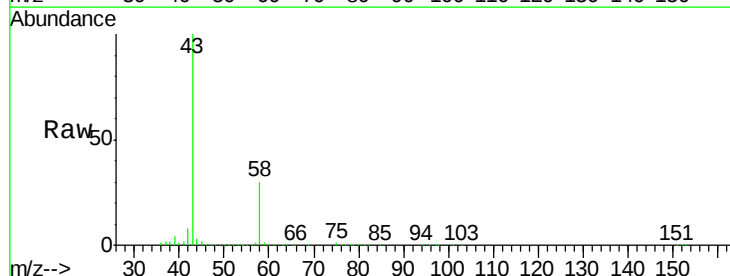
RT: 2.45 min Scan# 306

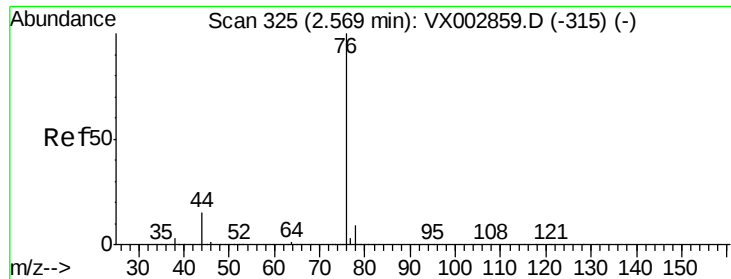
Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	43	Resp:	375970
Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.1	33.1





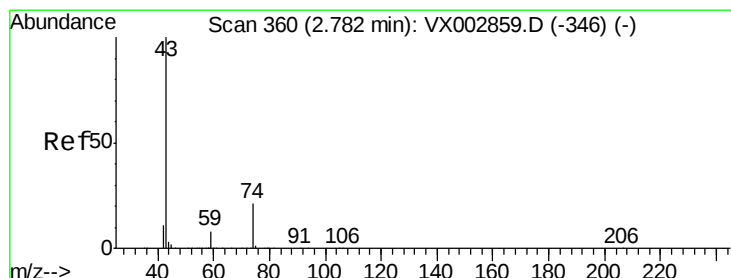
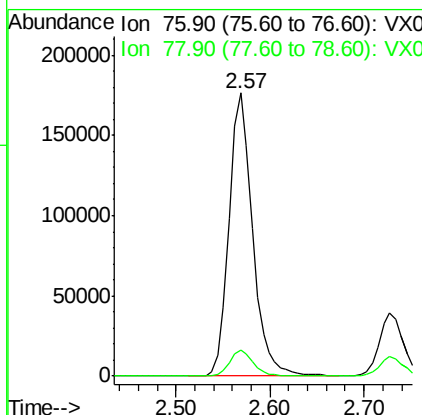
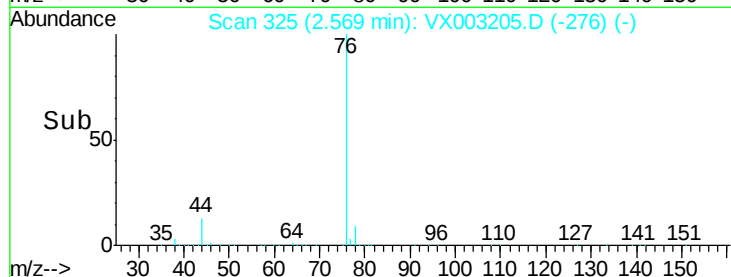
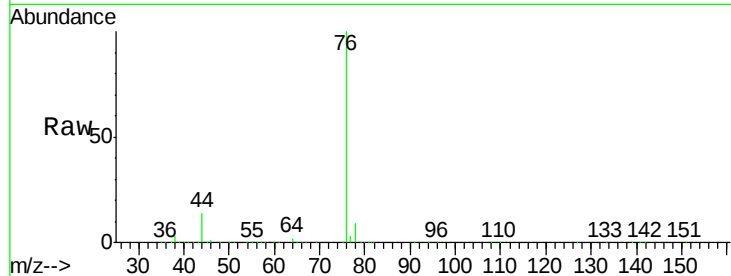
#17
Carbon Disulfide
Concen: 47.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

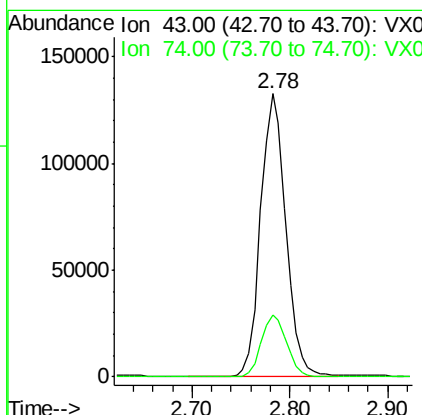
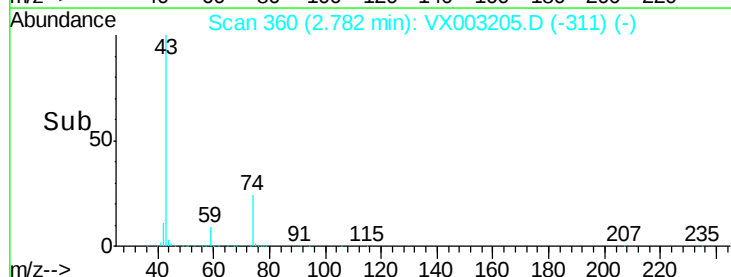
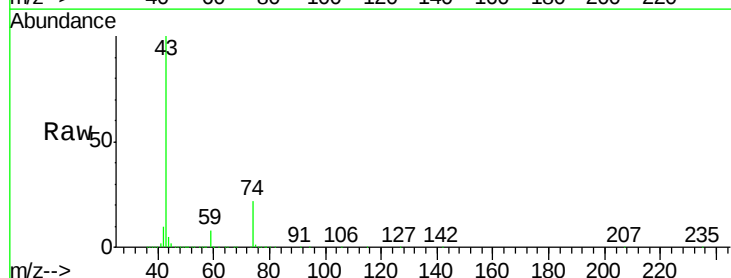
Manual Integrations
APPROVED

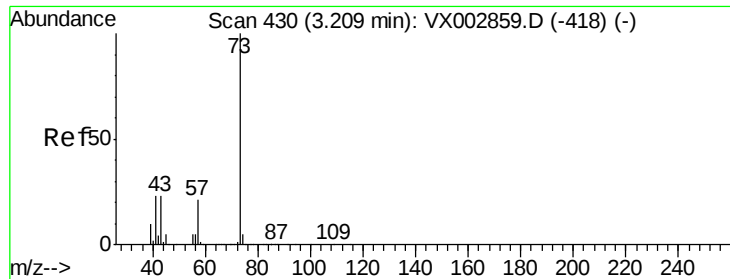
sam
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#18
Methyl Acetate
Concen: 59.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.7	25.1





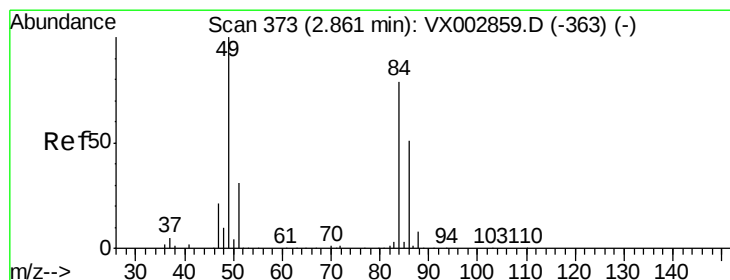
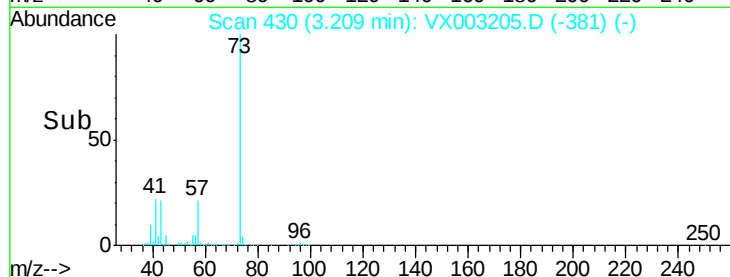
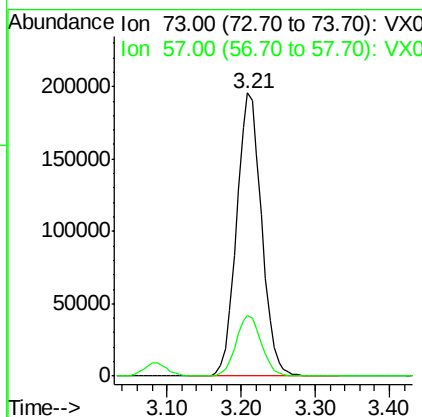
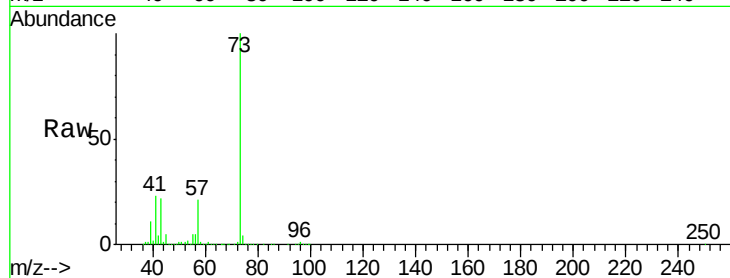
#19
Methvl tert-butvl Ether
Concen: 52.31 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 73 Resp: 460212
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

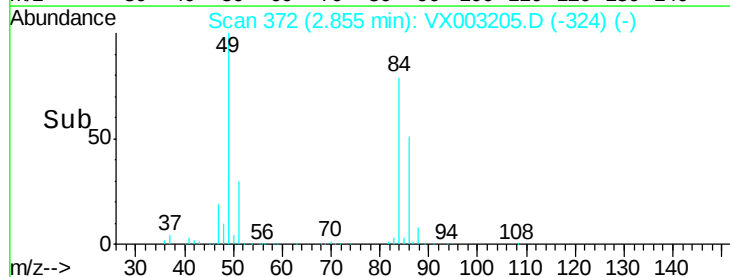
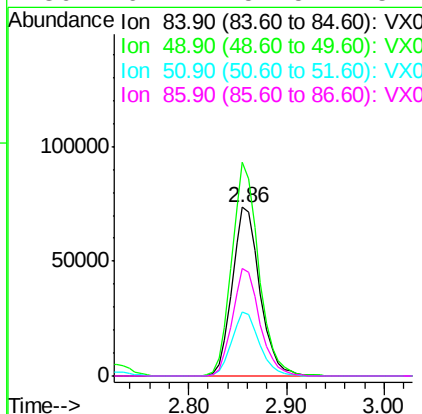
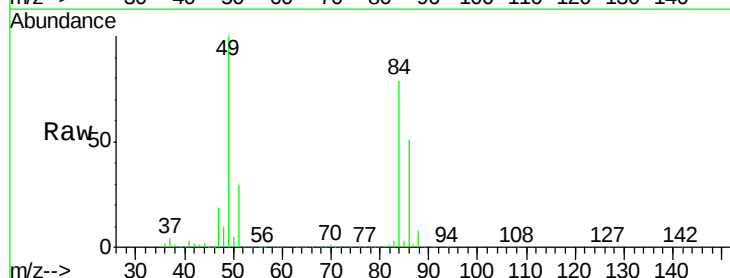
Manual Integrations
APPROVED

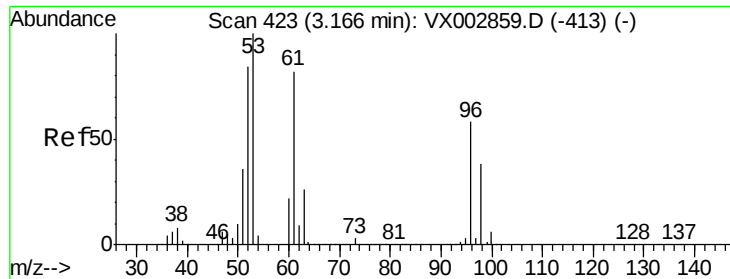
sam
7/6/2018 4:20:43 PM



#20
Methylene Chloride
Concen: 52.47 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 84 Resp: 145042
Ion Ratio Lower Upper
84 100
49 126.8 107.8 161.6
51 37.9 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 96 Resp: 135113

Ion Ratio Lower Upper

96 100

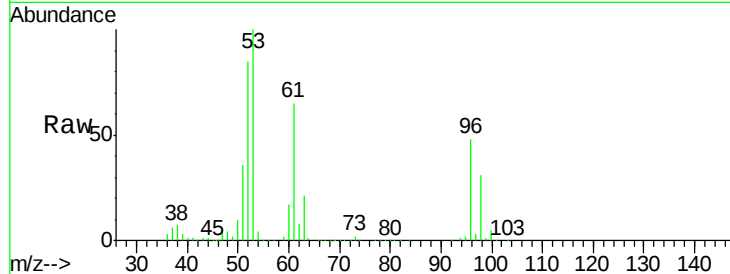
61 134.6 117.0 175.4

98 64.8 52.4 78.6

Manual Integrations
APPROVED

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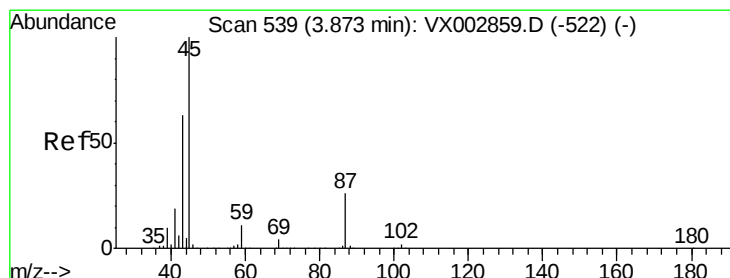
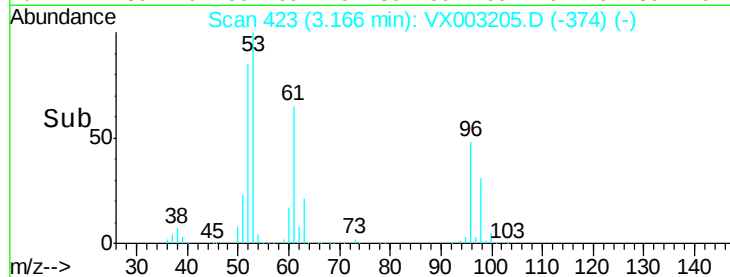
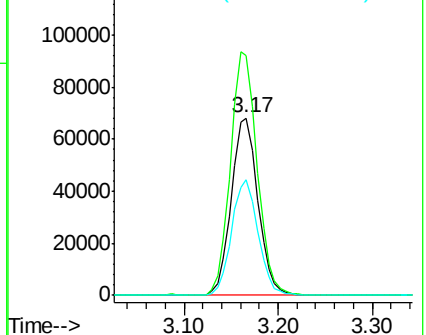


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.86 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion: 45 Resp: 478239

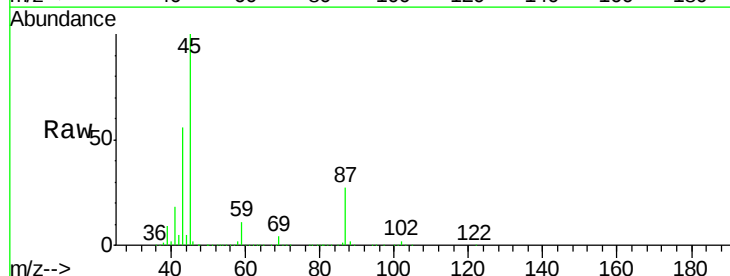
Ion Ratio Lower Upper

45 100

43 56.1 46.8 70.2

87 27.5 20.2 30.4

59 11.3 8.7 13.1



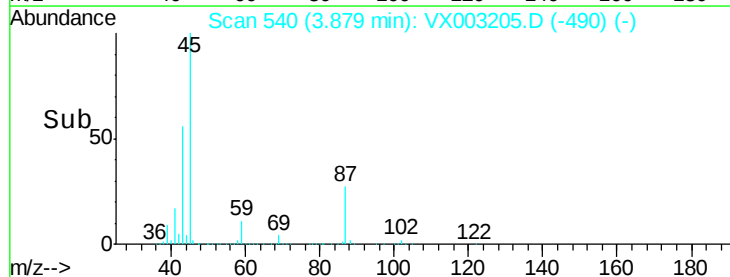
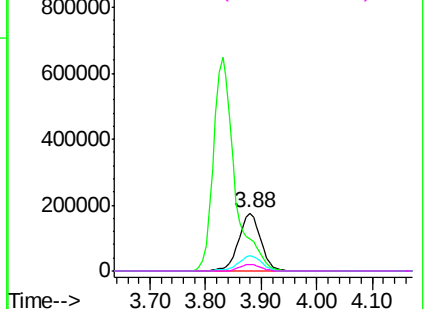
Abundance

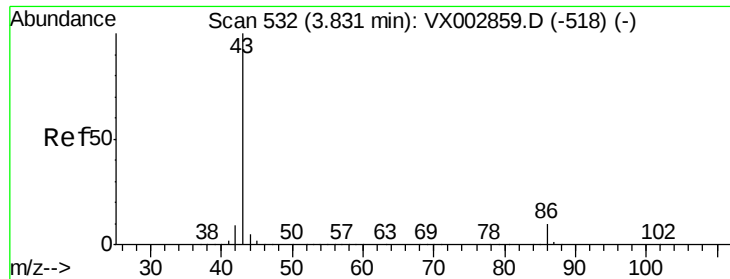
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 220.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 43 Resp: 1720702

Ion Ratio Lower Upper

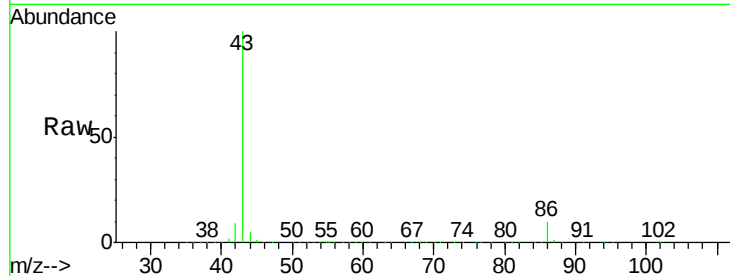
43 100

86 9.7 7.4 11.0

Manual Integrations
APPROVED

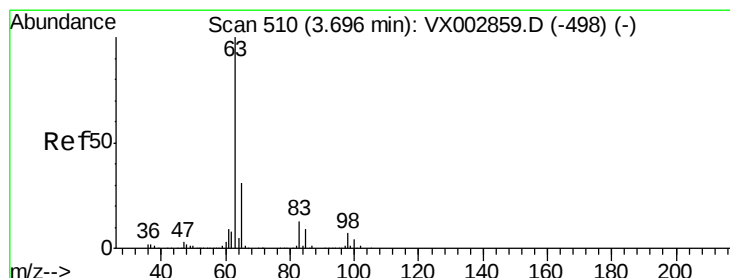
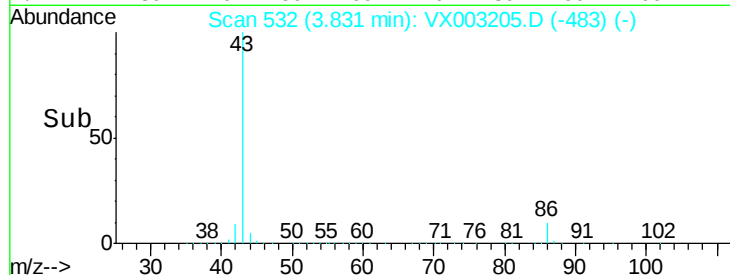
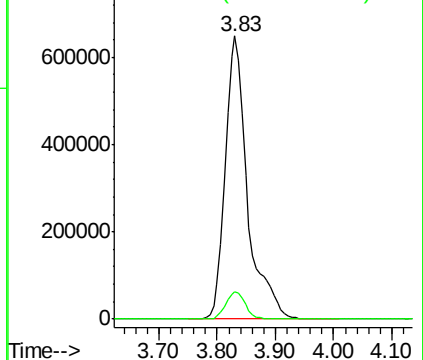
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.94 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

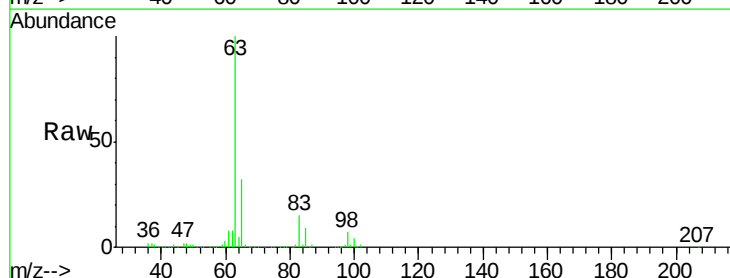
Tgt Ion: 63 Resp: 260359

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

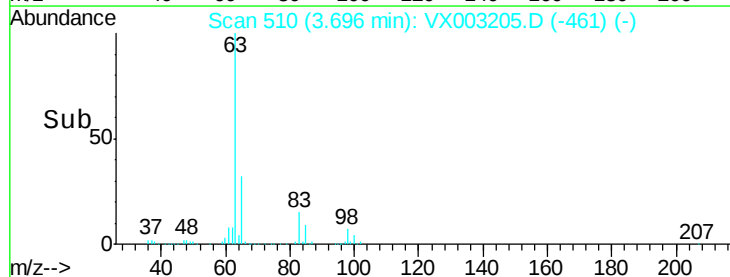
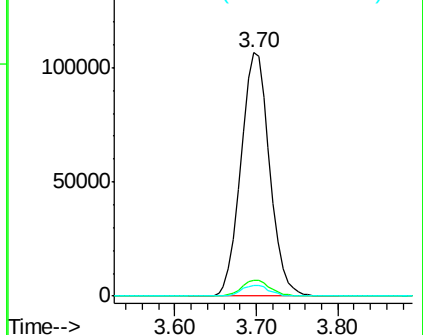
100 4.4 2.0 6.0

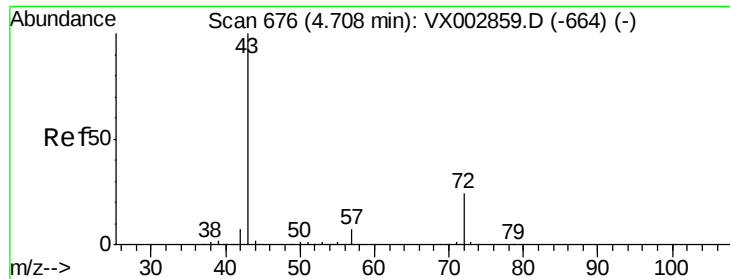


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 301.13 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 43 Resp: 634834

Ion Ratio Lower Upper

43 100

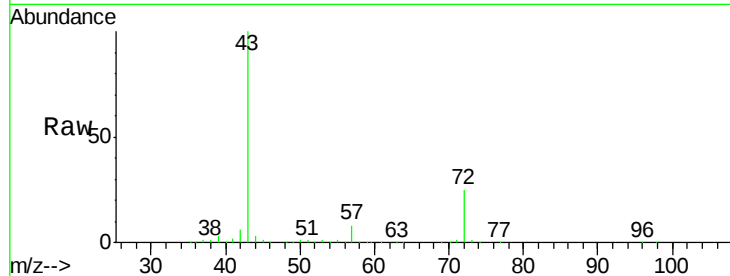
72 24.6 18.5 27.7

Manual Integrations

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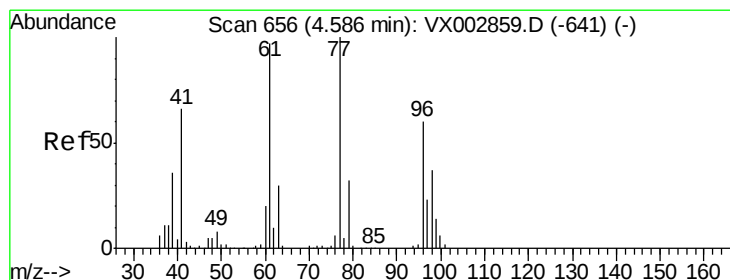
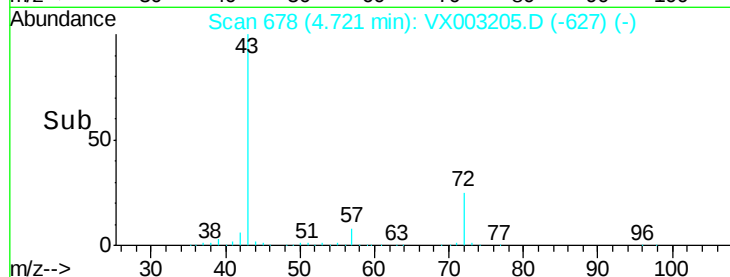
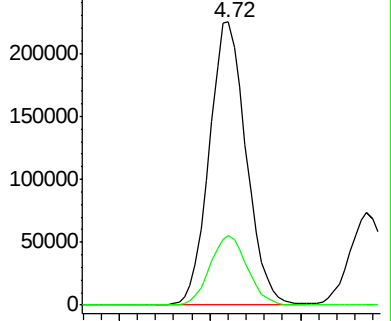
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003205.D

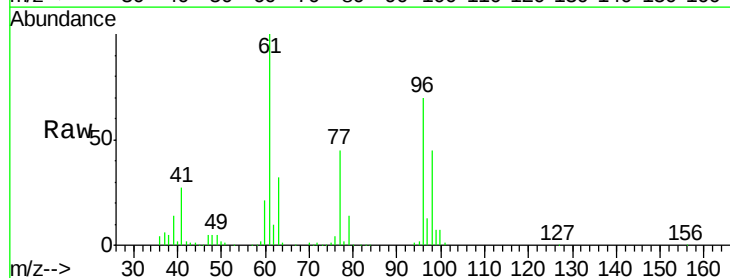
Acq: 06 Jul 2018 06:48

Tgt Ion: 77 Resp: 83519

Ion Ratio Lower Upper

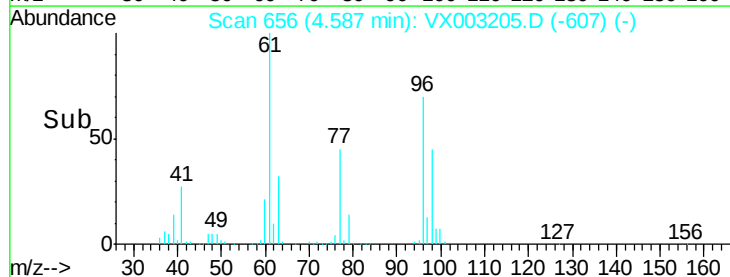
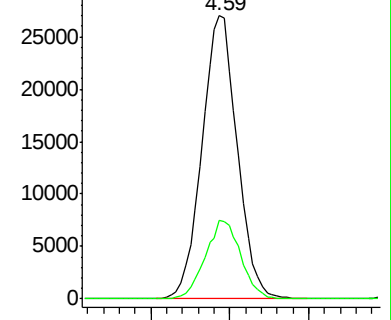
77 100

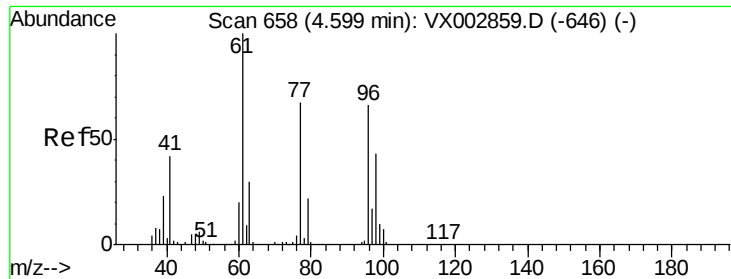
97 27.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

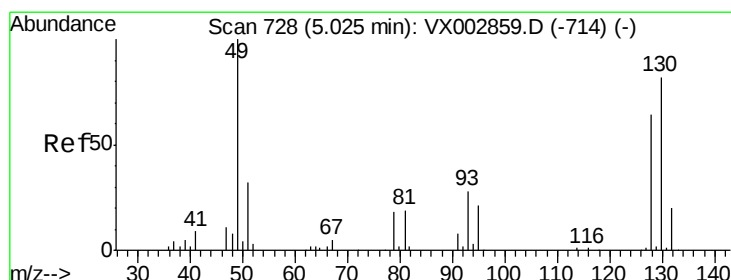
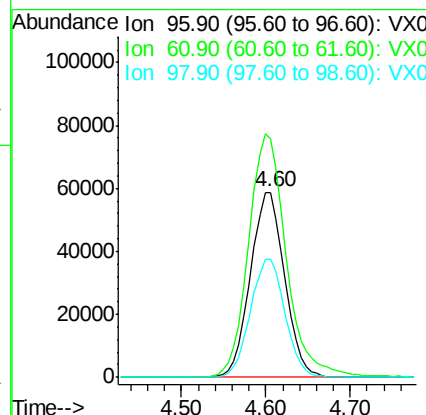
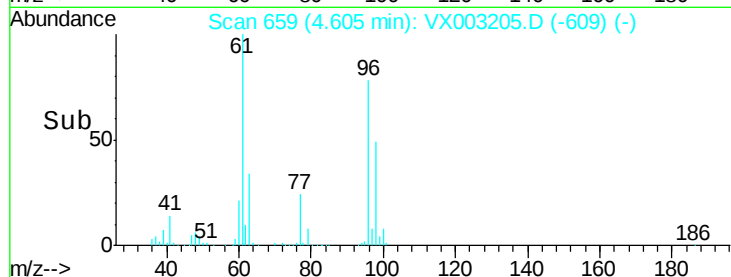
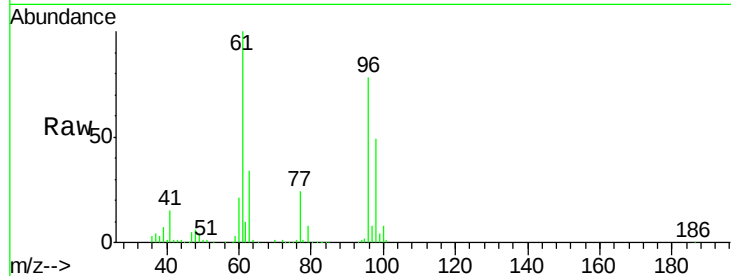
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	96	Resp:	162536
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	330.2
98	64.5	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 47.83 ug/l

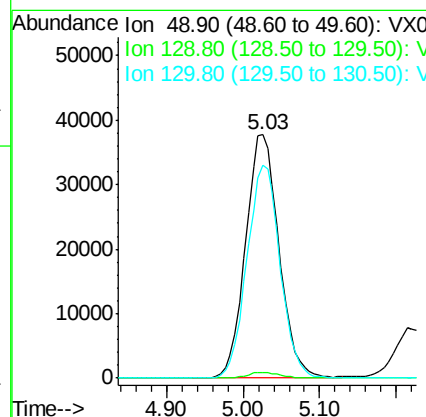
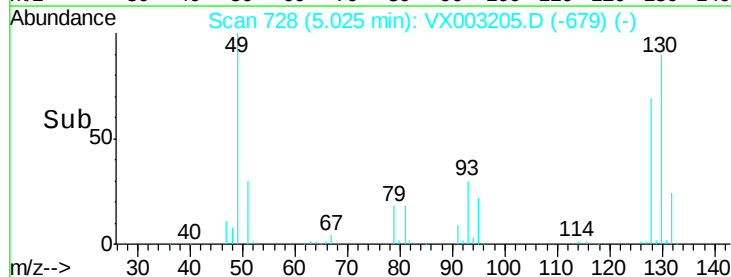
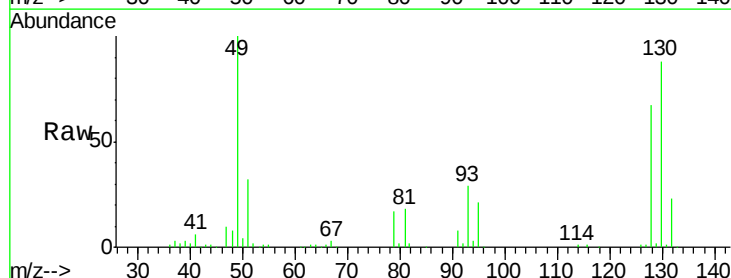
RT: 5.03 min Scan# 728

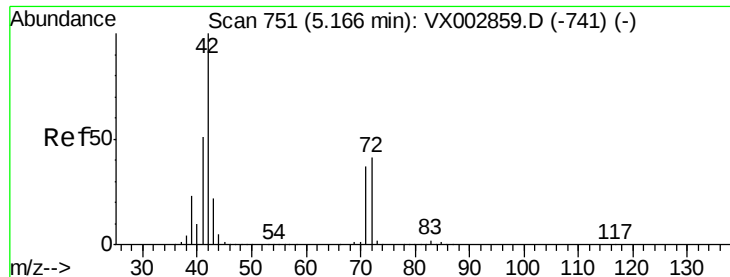
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	49	Resp:	114749
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	86.7	61.2	91.8





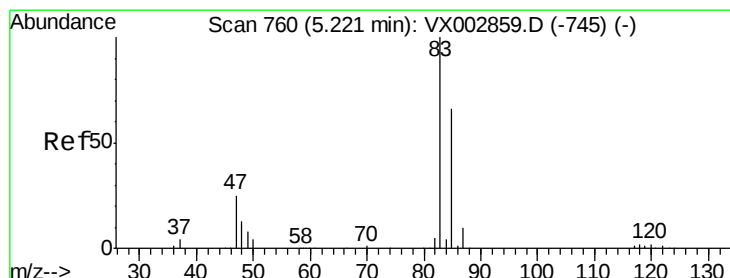
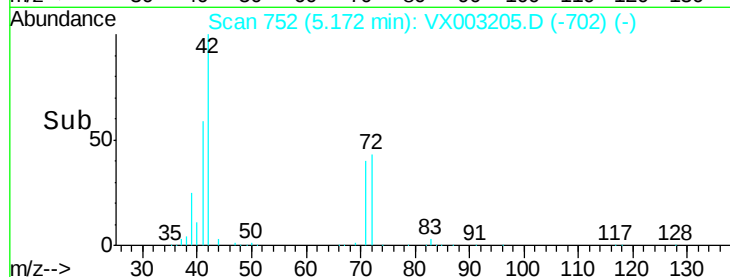
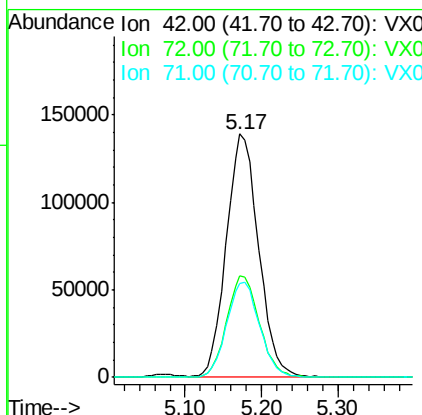
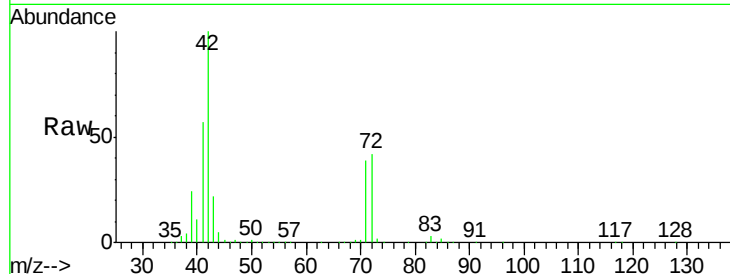
#29
Tetrahydrofuran
Concen: 299.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	40.3	30.1	45.1

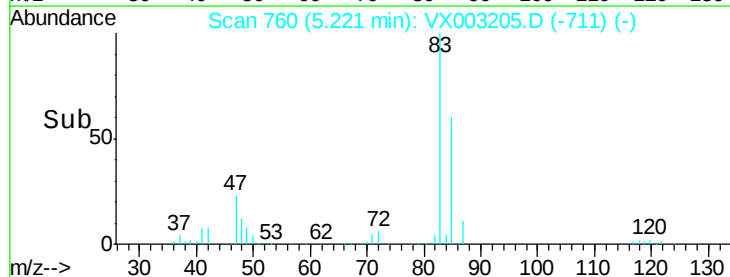
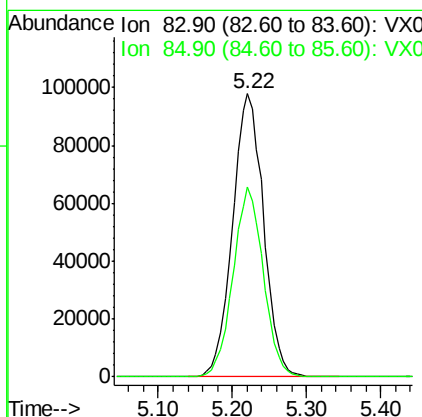
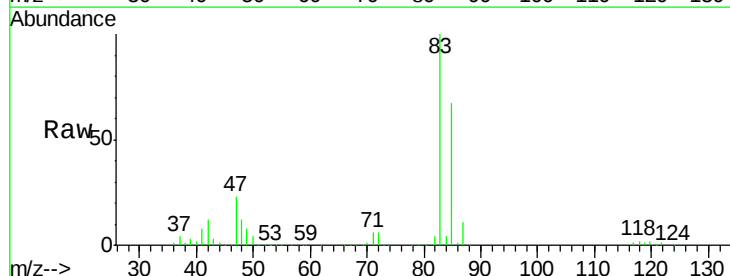
Manual Integrations
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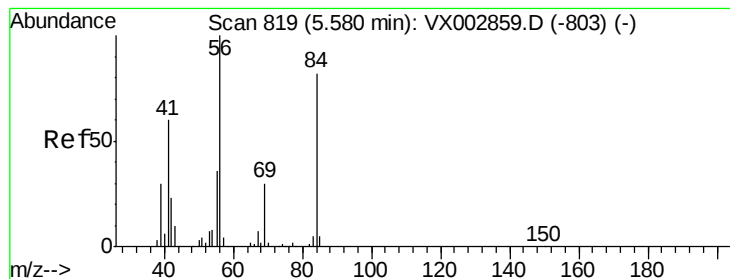
sam
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#30
Chloroform
Concen: 55.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.4	75.6





#31

Cyclohexane

Concen: 52.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

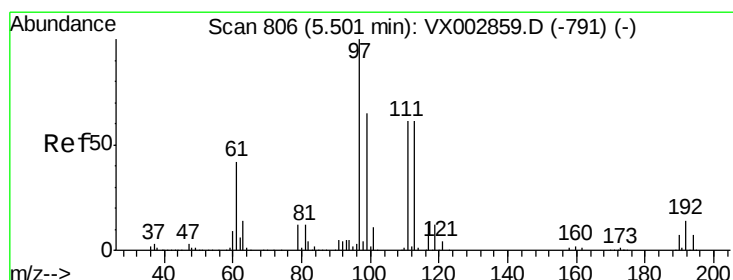
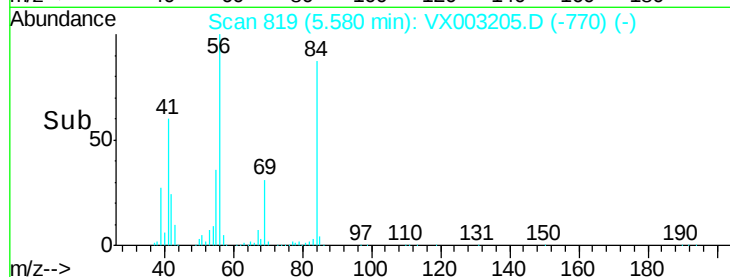
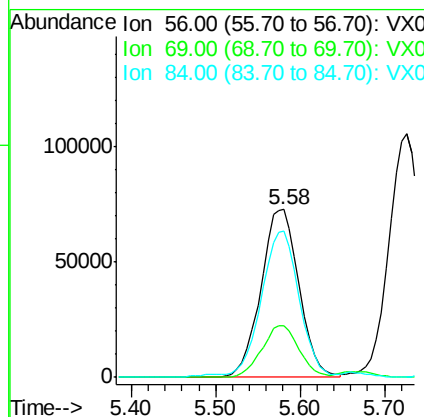
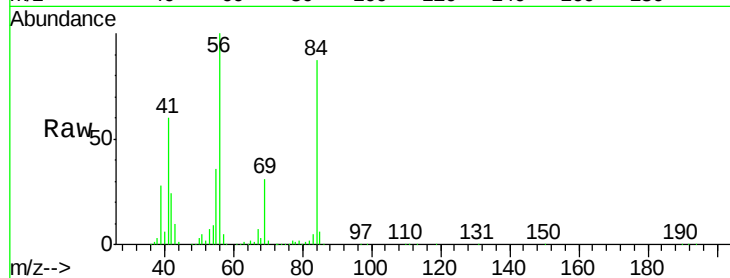
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	56	Resp:	225765
Ion Ratio	Lower	Upper	
56	100		
69	30.9	23.7	35.5
84	86.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.51 ug/l

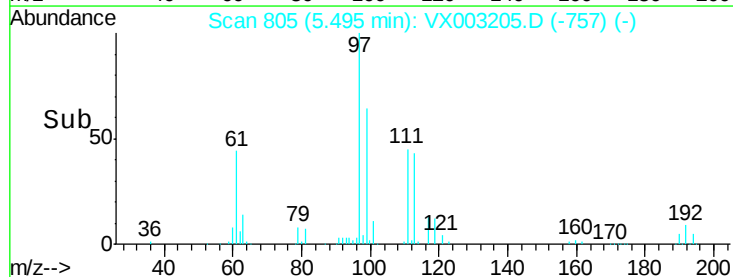
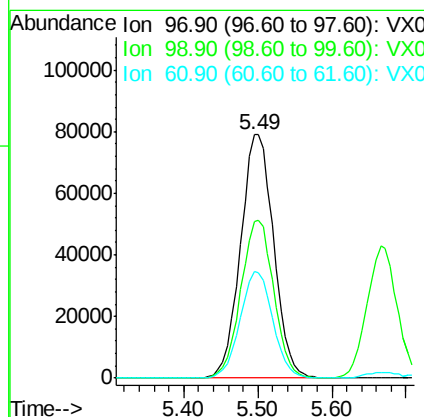
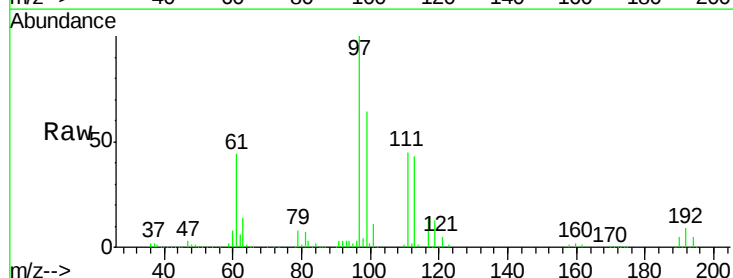
RT: 5.49 min Scan# 805

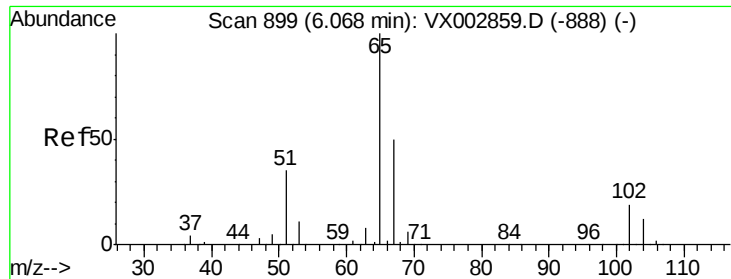
Delta R.T. -0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	97	Resp:	246692
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	43.4	36.4	54.6





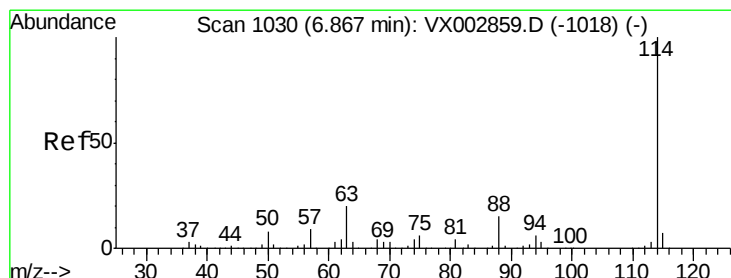
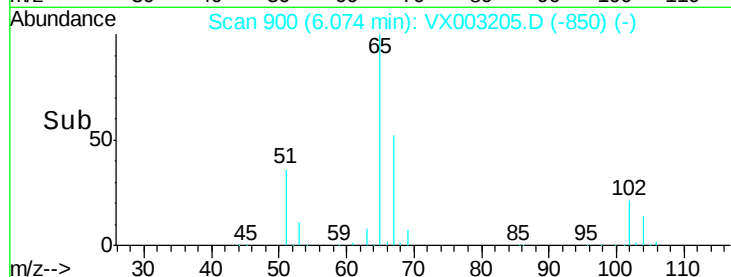
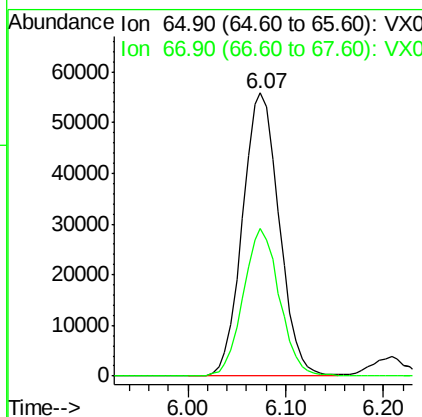
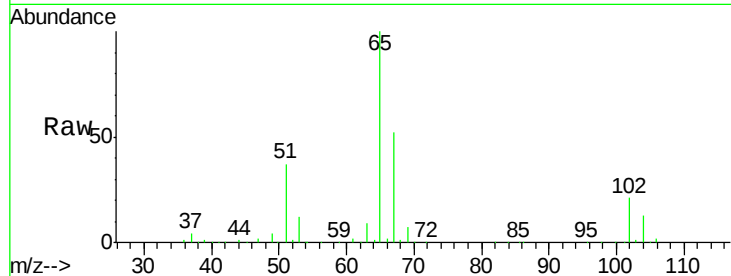
#33
 1,2-Dichloroethane-d4
 Concen: 42.49 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion: 65 Resp: 145733
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6

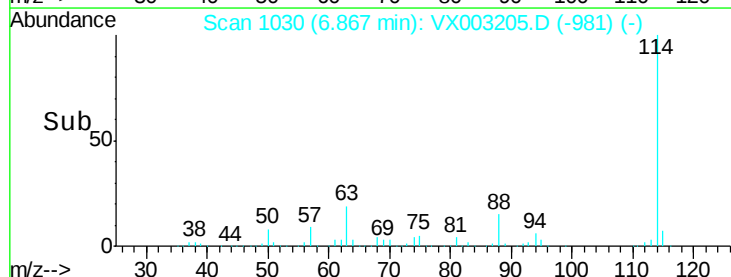
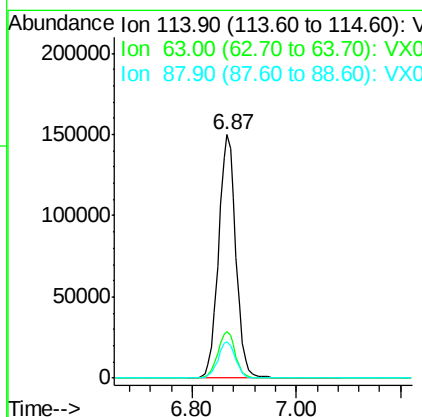
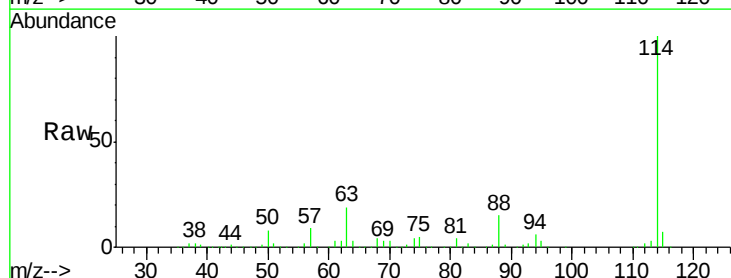
Manual Integrations
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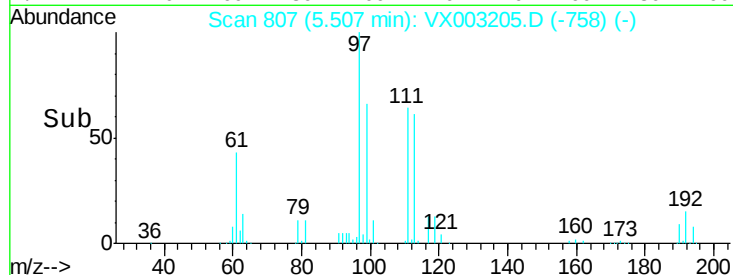
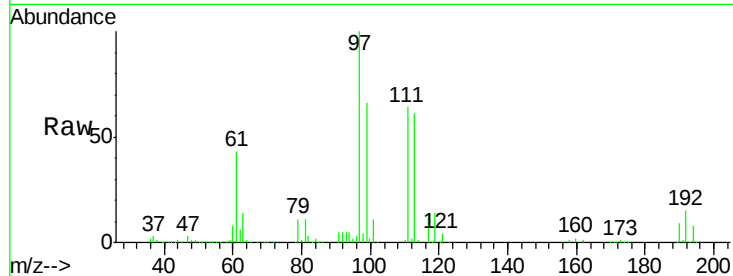
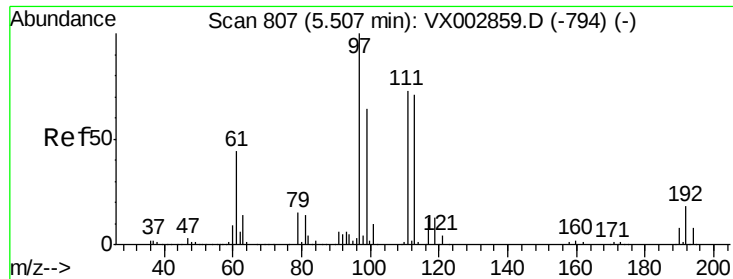
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 114 Resp: 349762
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.0 0.0 30.0





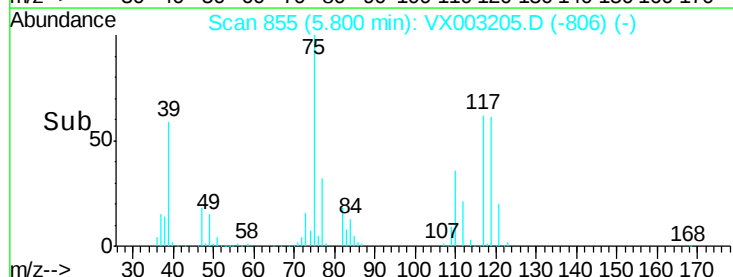
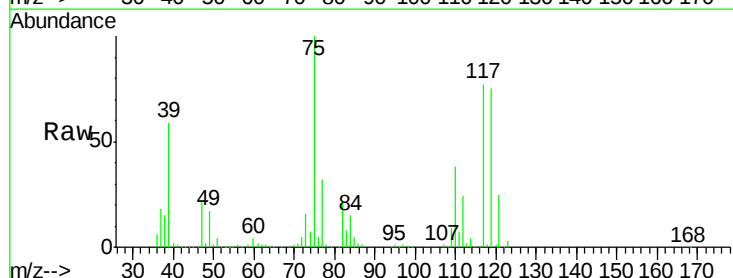
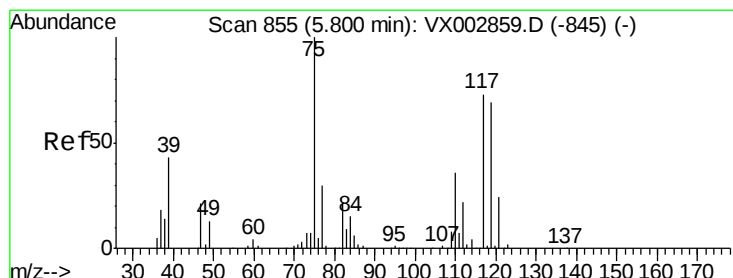
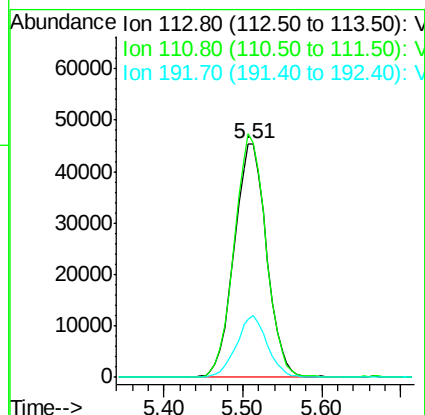
#35
Dibromofluoromethane
Concen: 46.86 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129781		
111	101.8	81.4	122.0	
192	25.1	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

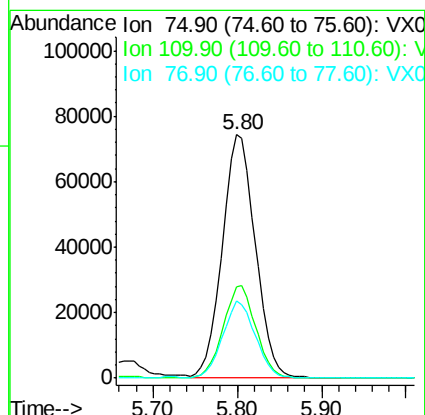
Manual Integrations
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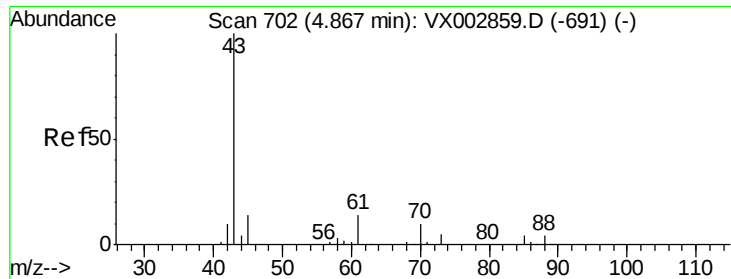
sam
7/6/2018 4:20:43 PM



#36
1,1-Dichloropropene
Concen: 51.80 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198671		
110	37.8	18.1	54.4	
77	31.2	24.3	36.5	





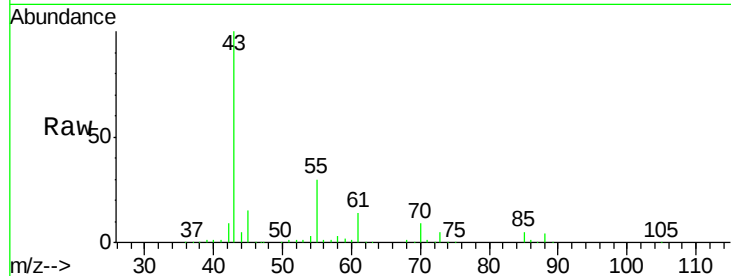
#37
Ethyl Acetate
Concen: 50.23 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

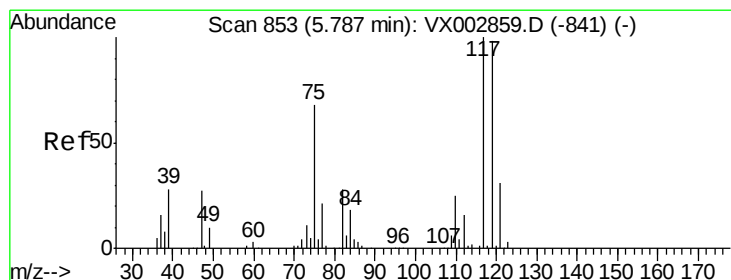
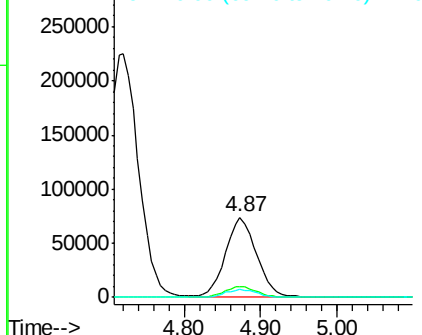
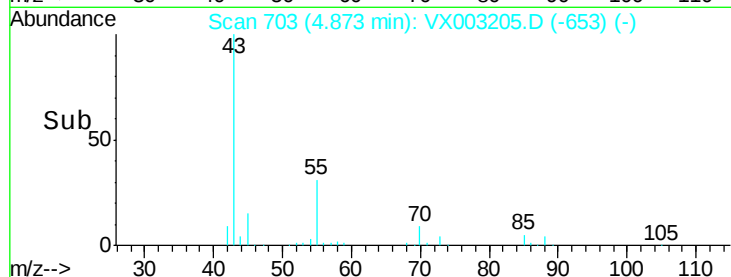
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	9.9	7.6	11.4

Manual Integrations
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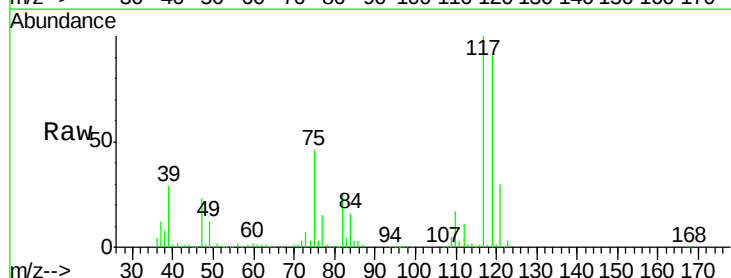


Abundance Ion 43.00 (42.70 to 43.70): VX003205.D (-653) (-)
Ion 60.90 (60.60 to 61.60): VX003205.D (-653) (-)
Ion 70.00 (69.70 to 70.70): VX003205.D (-653) (-)

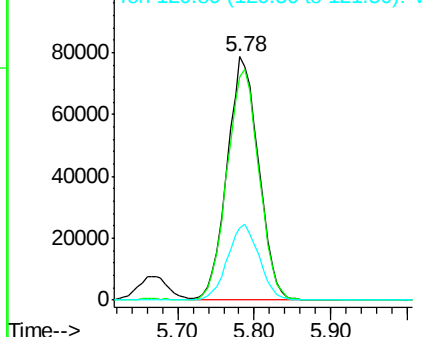
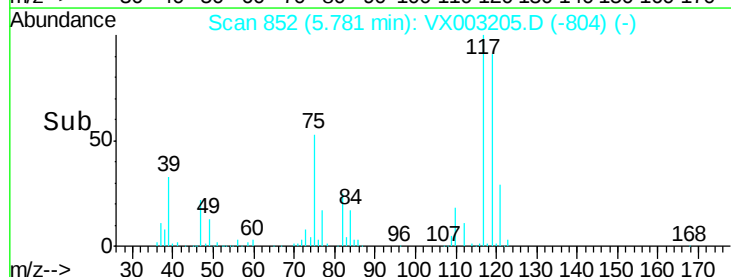


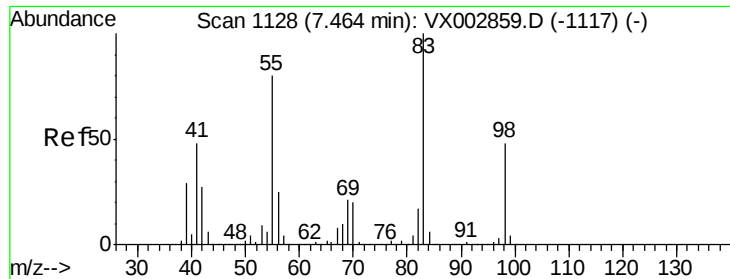
#38
Carbon Tetrachloride
Concen: 53.25 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	77.4	116.0
121	29.7	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003205.D (-804) (-)
Ion 118.80 (118.50 to 119.50): VX003205.D (-804) (-)
Ion 120.80 (120.50 to 121.50): VX003205.D (-804) (-)





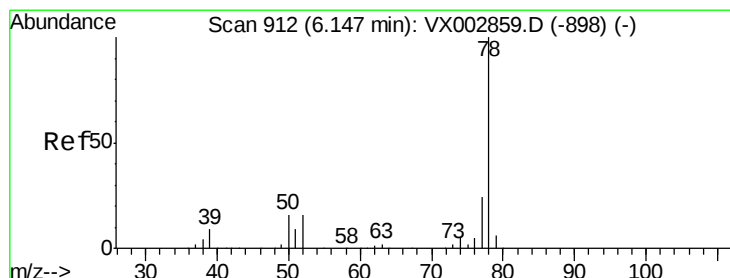
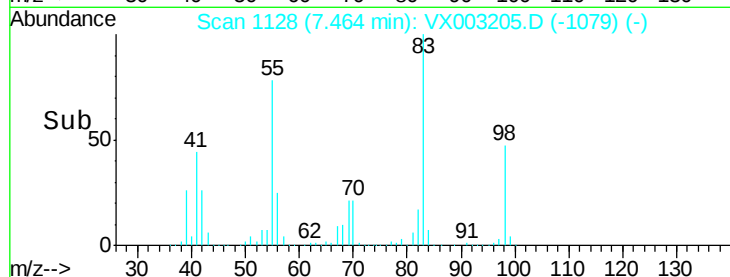
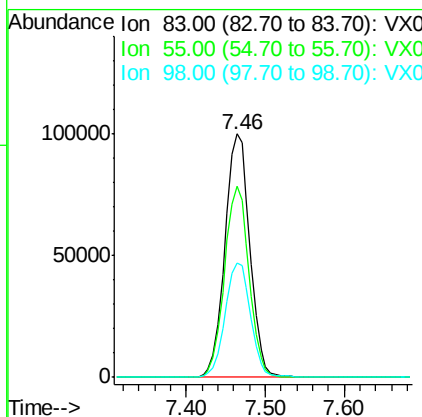
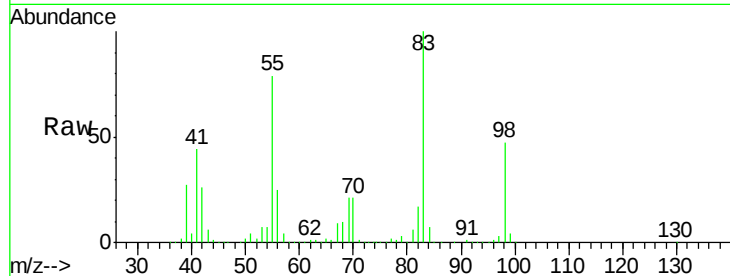
#39
Methvlcvclohexane
Concen: 49.25 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.4	98.0
98	47.0	37.4	56.0

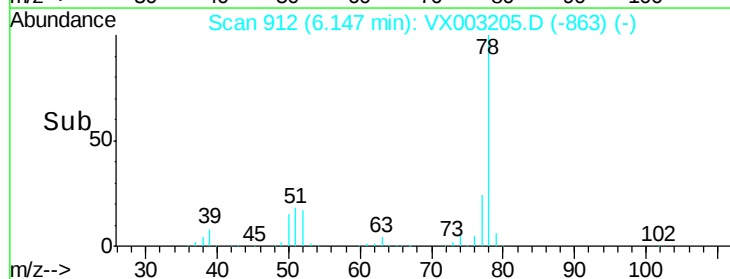
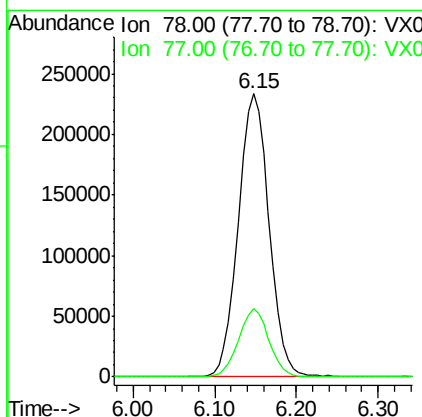
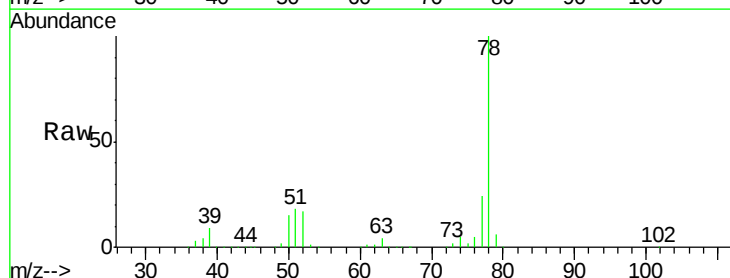
Manual Integrations
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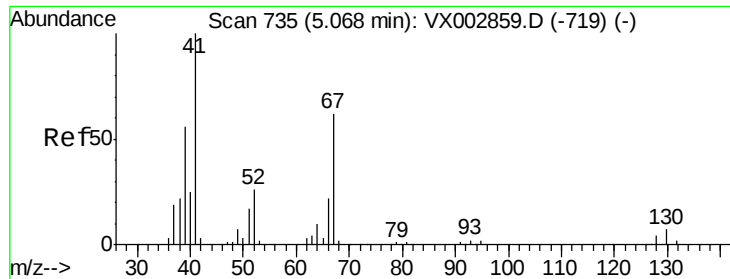
sam
7/6/2018 4:20:43 PM



#40
Benzene
Concen: 54.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





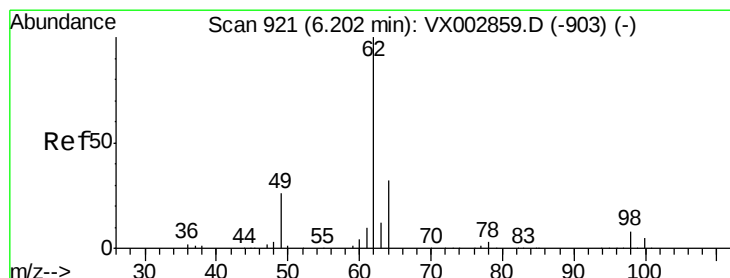
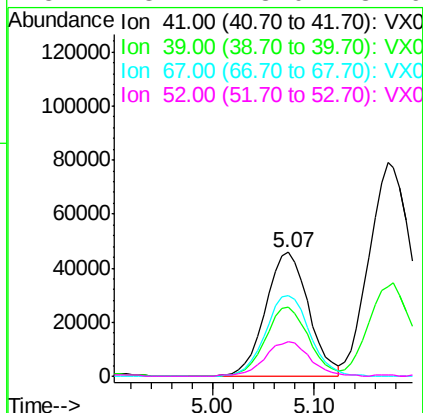
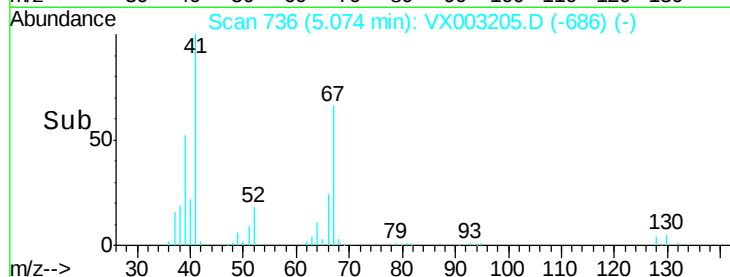
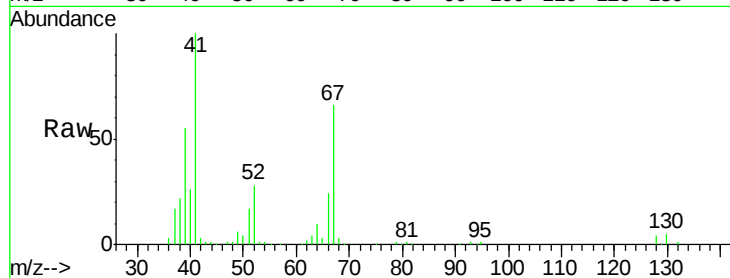
#41
Methacrylonitrile
Concen: 56.17 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.6	45.8	68.6		
67	67.5	51.3	76.9		
52	28.7	23.0	34.6		

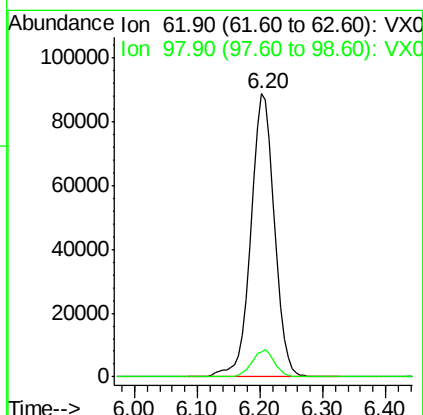
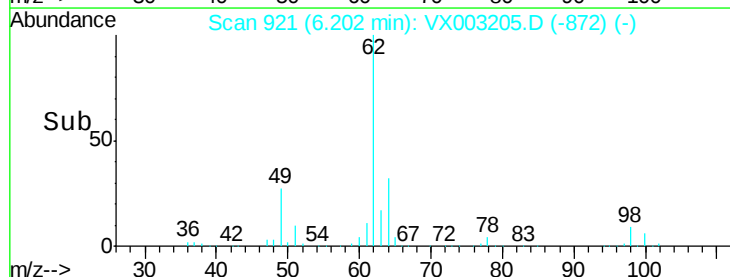
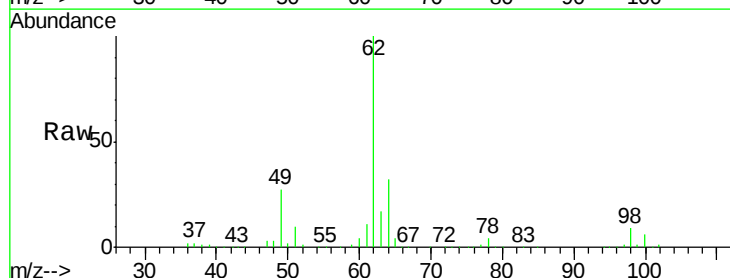
Manual Integrations
APPROVED

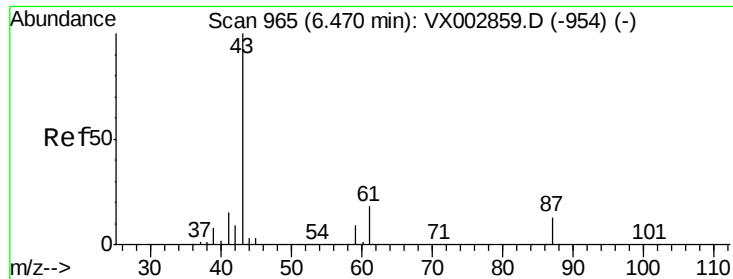
sam
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#42
1,2-Dichloroethane
Concen: 51.19 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.0	0.0	16.6		





#43

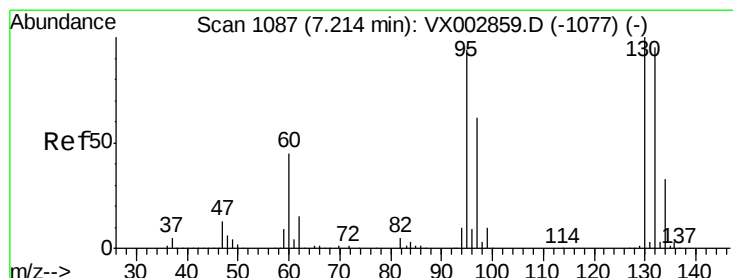
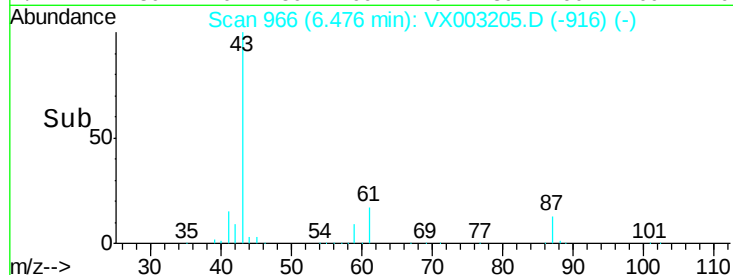
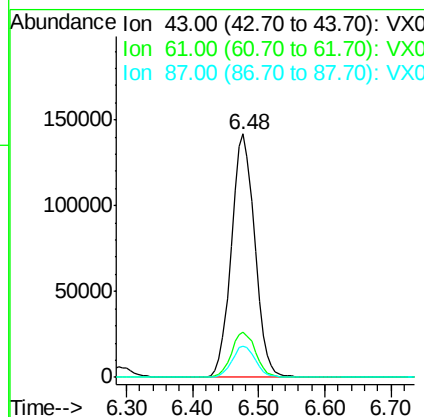
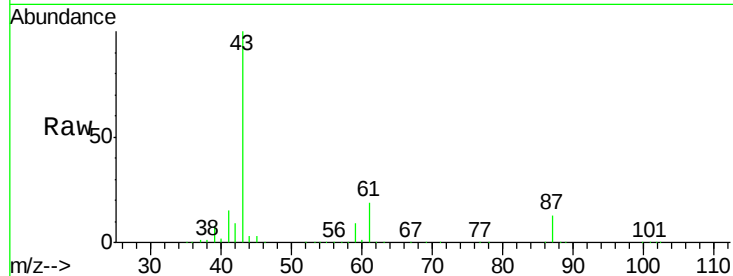
Isopropyl Acetate
 Concen: 50.09 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.1	9.5	14.3

Manual Integrations
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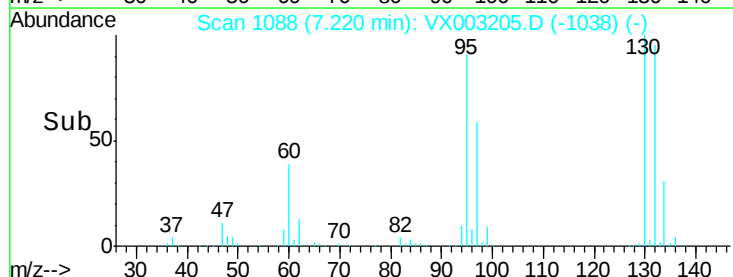
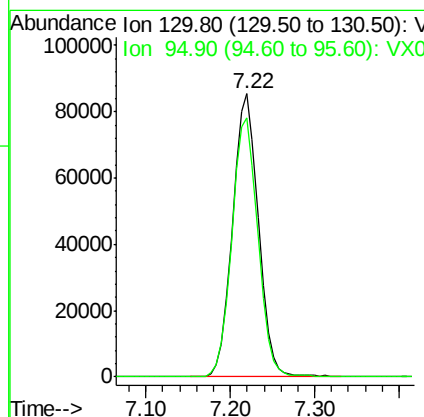
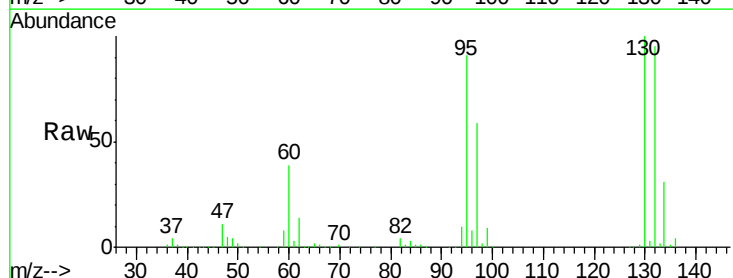
sam
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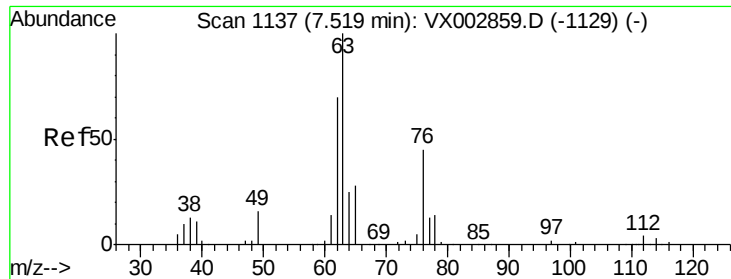


#44

Trichloroethene
 Concen: 53.21 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.4





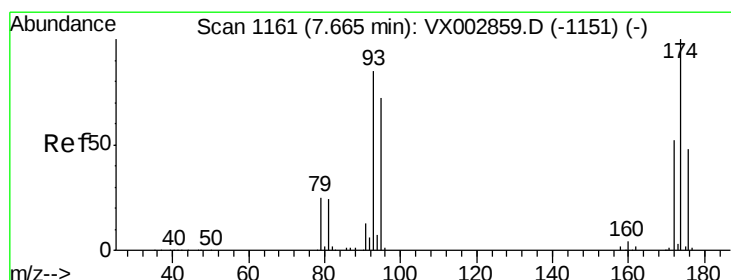
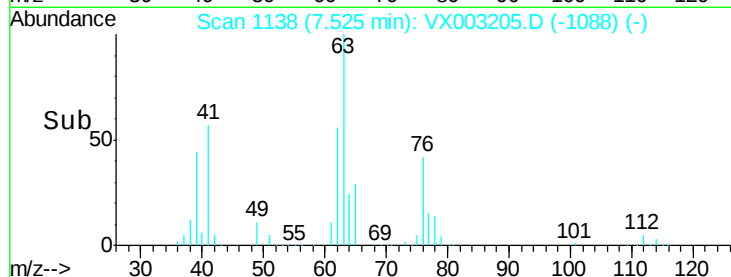
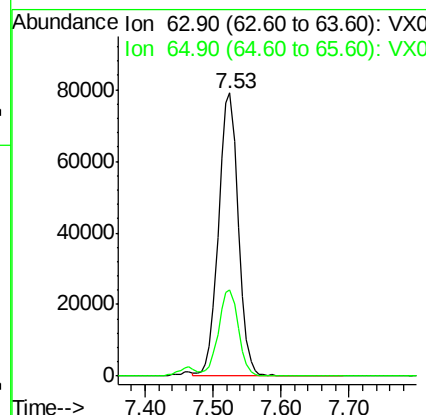
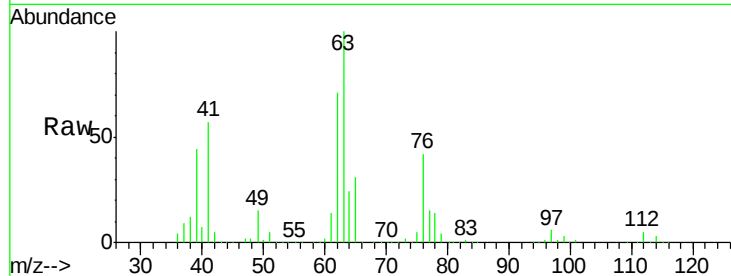
#45
 1,2-Dichloropropane
 Concen: 54.15 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion: 63 Resp: 160093
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

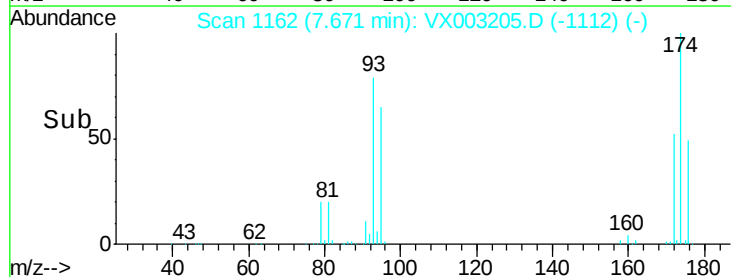
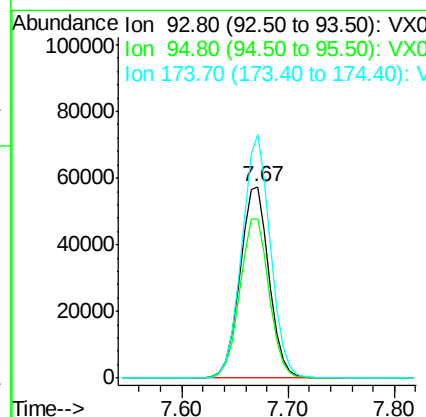
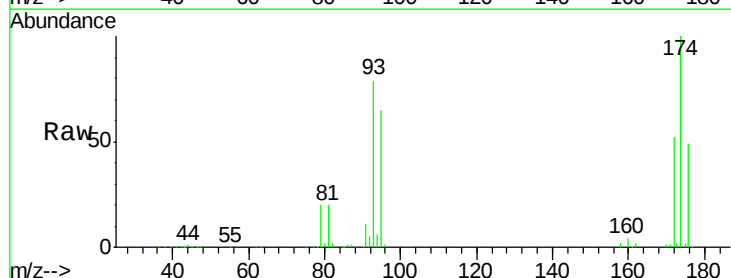
Manual Integrations
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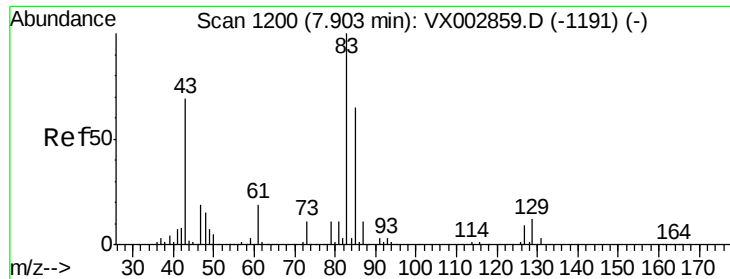
sam
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#46
 Dibromomethane
 Concen: 53.64 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 93 Resp: 110055
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 124.8 92.4 138.6





#47

Bromodichloromethane

Concen: 55.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

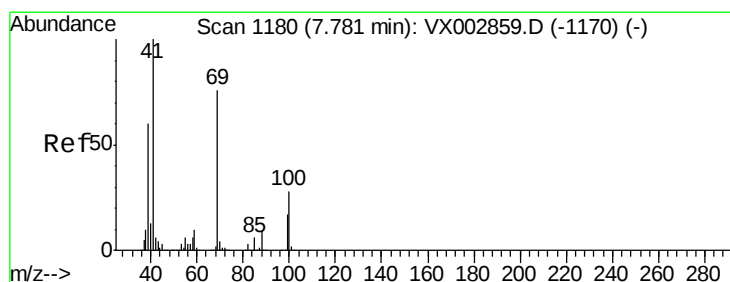
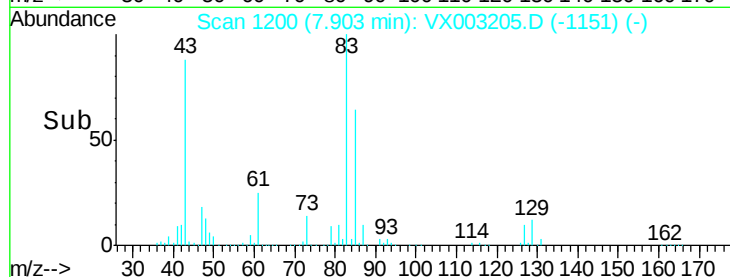
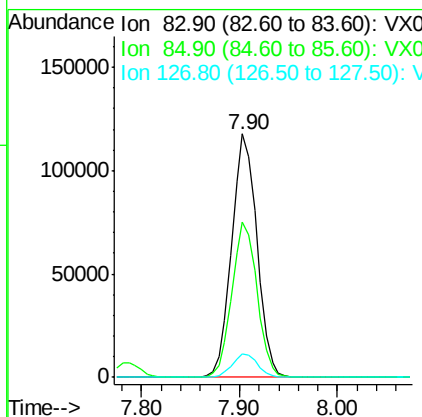
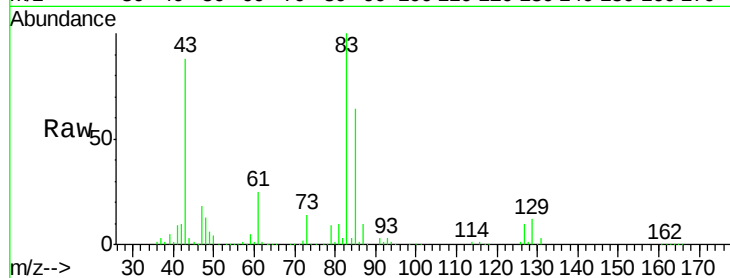
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	83	Resp:	211112
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.3	75.5
127	9.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.96 ug/l

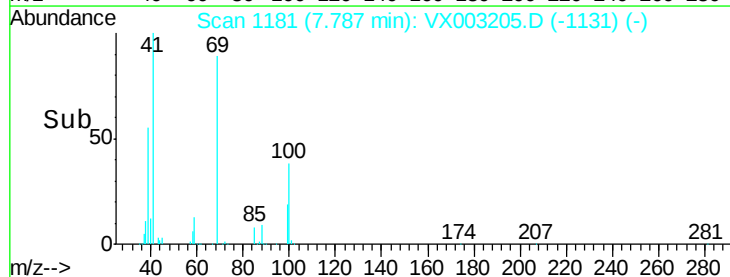
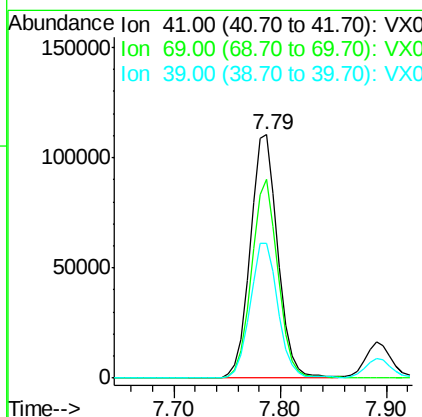
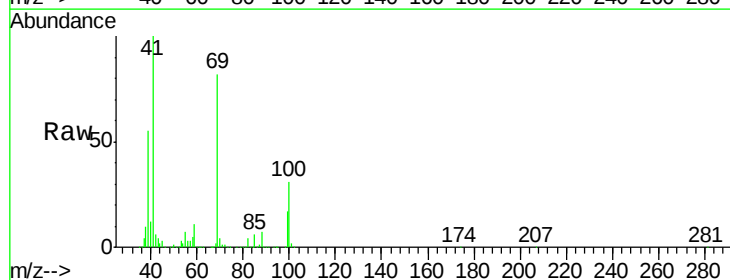
RT: 7.79 min Scan# 1181

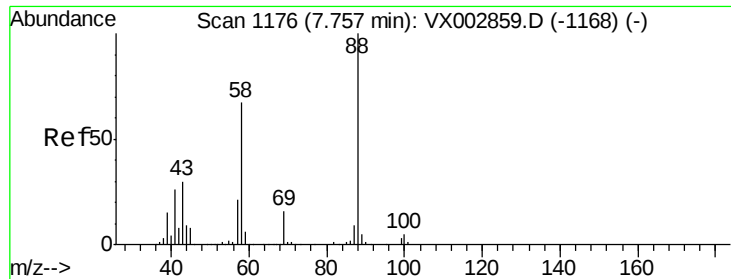
Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	41	Resp:	199722
Ion Ratio	Lower	Upper	
41	100		
69	78.7	59.1	88.7
39	56.1	48.9	73.3





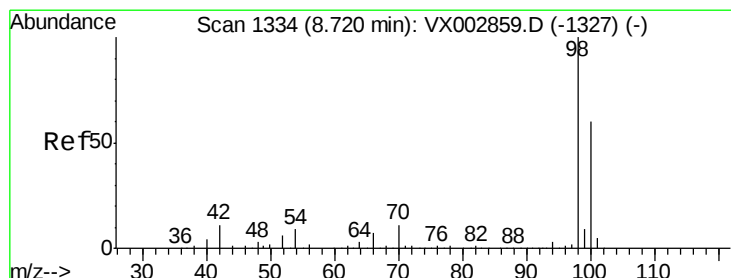
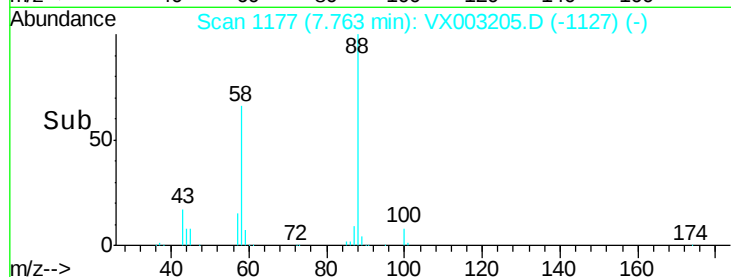
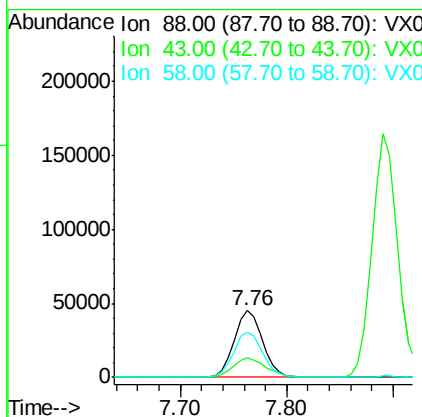
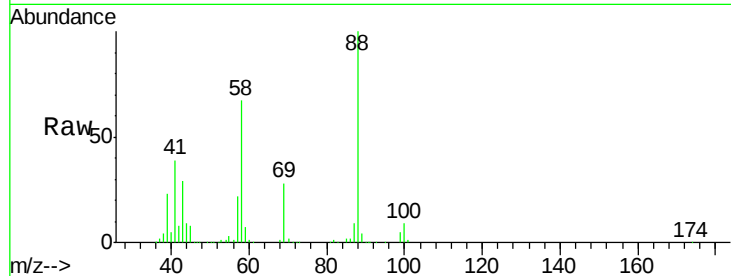
#49
1,4-Dioxane
Concen: 1213.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.8	44.6
58	70.8	57.1	85.7

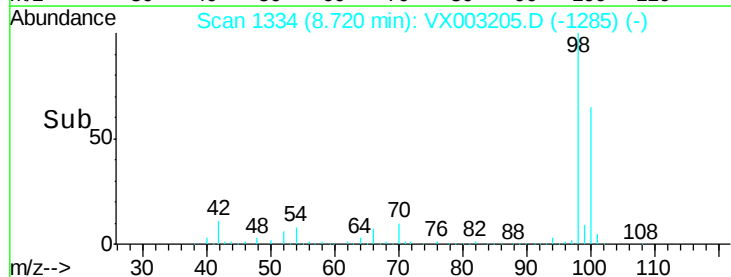
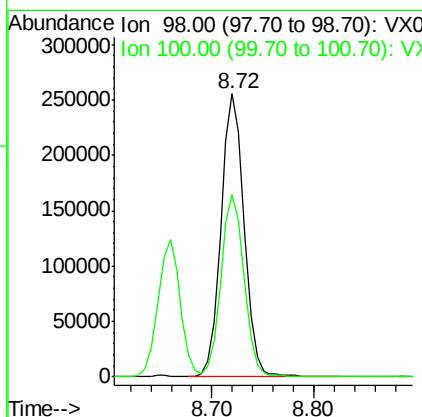
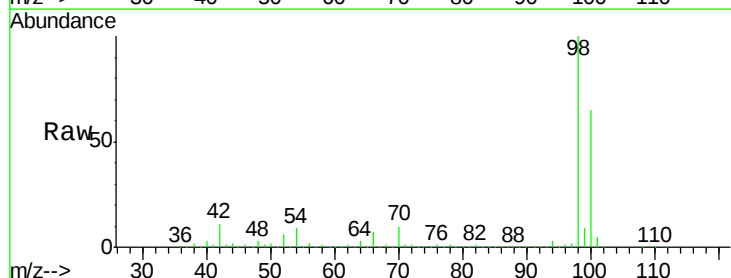
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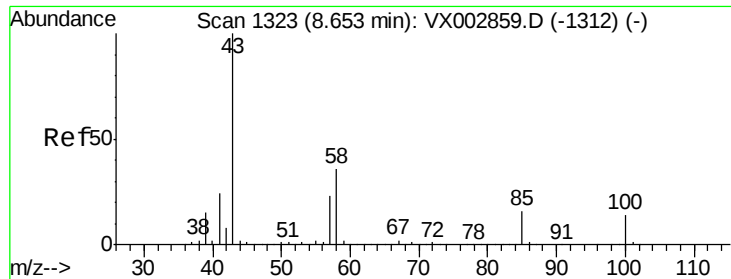
Sam
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#50
Toluene-d8
Concen: 39.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 291.22 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 43 Resp: 1261972

Ion Ratio Lower Upper

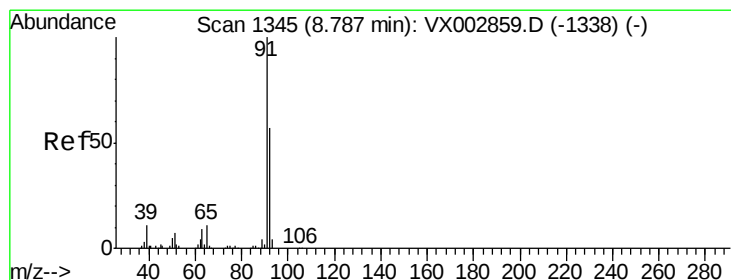
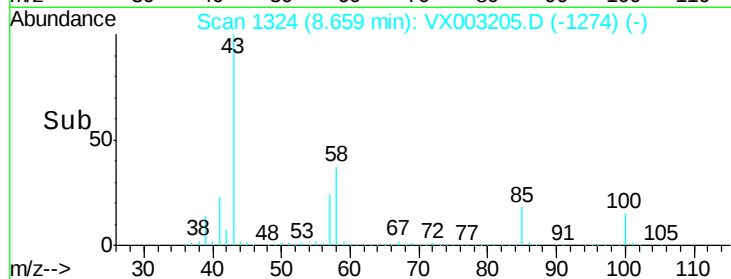
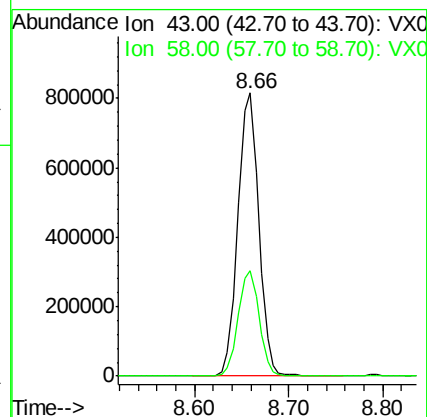
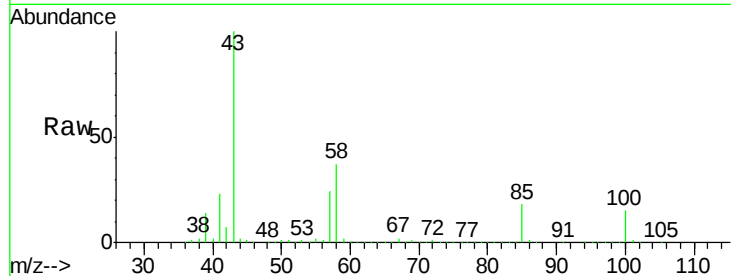
43 100

58 37.4 28.6 42.8

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#52

Toluene

Concen: 55.08 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003205.D

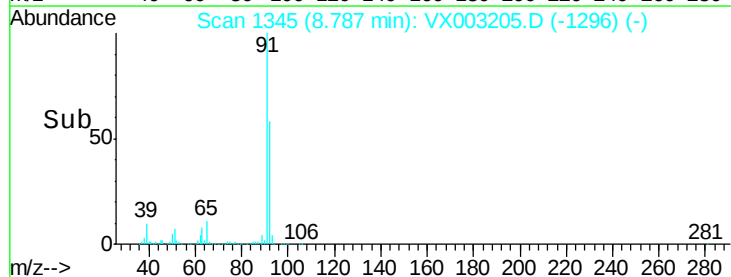
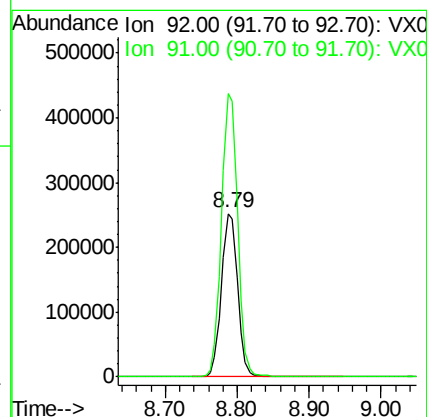
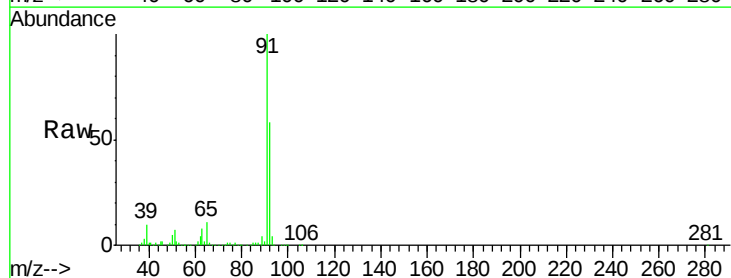
Acq: 06 Jul 2018 06:48

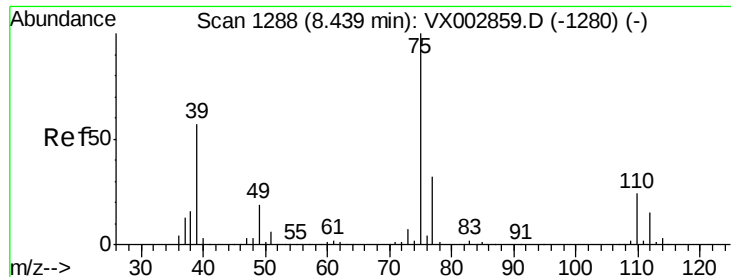
Tgt Ion: 92 Resp: 393266

Ion Ratio Lower Upper

92 100

91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 75 Resp: 209305

Ion Ratio Lower Upper

75 100

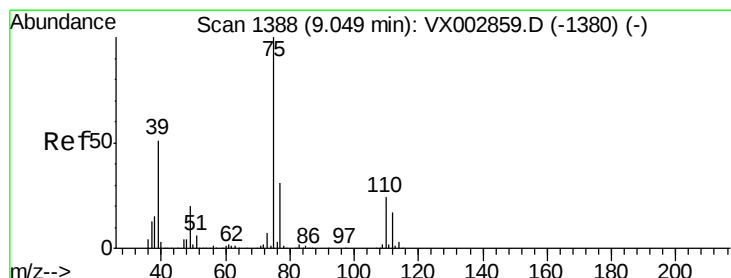
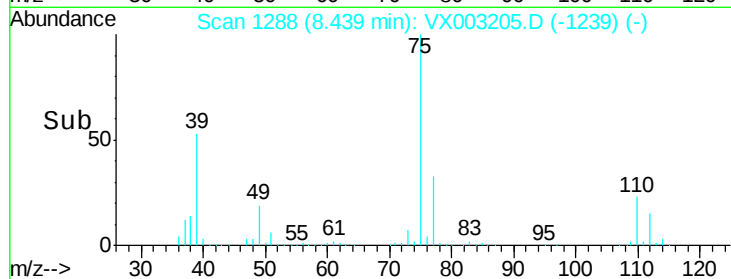
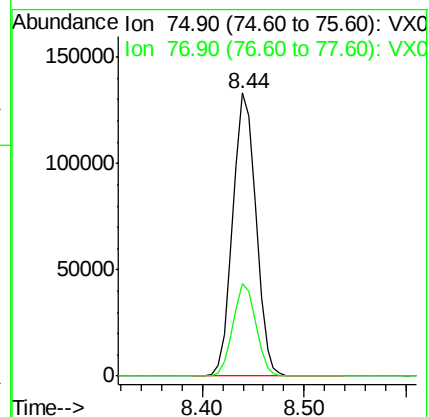
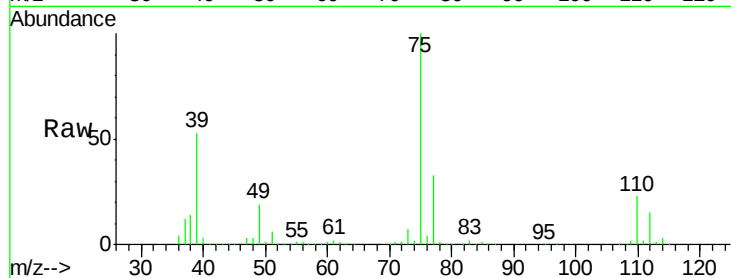
77 32.7 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 47.81 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

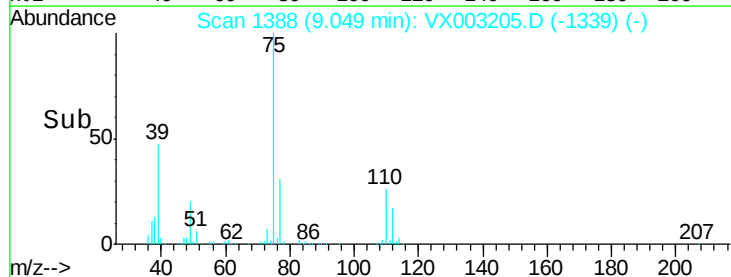
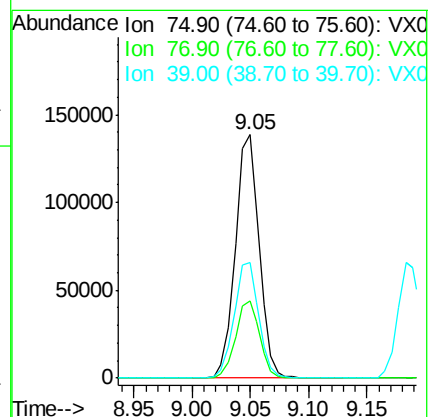
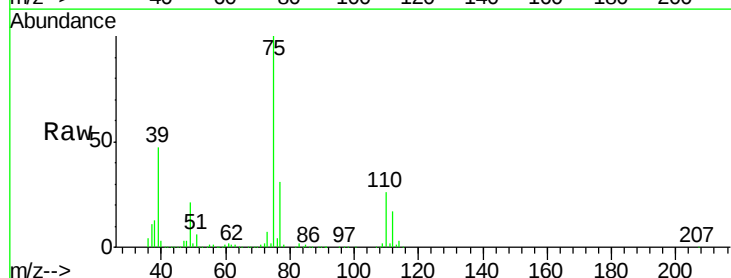
Tgt Ion: 75 Resp: 197612

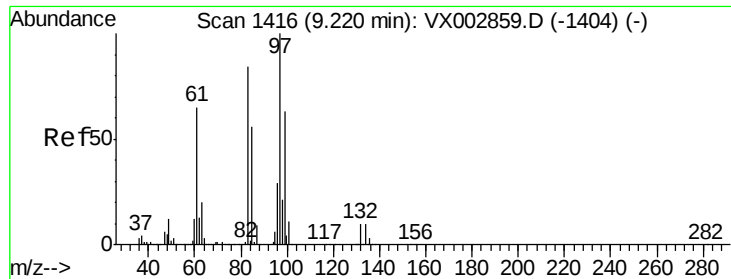
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 47.1 42.4 63.6





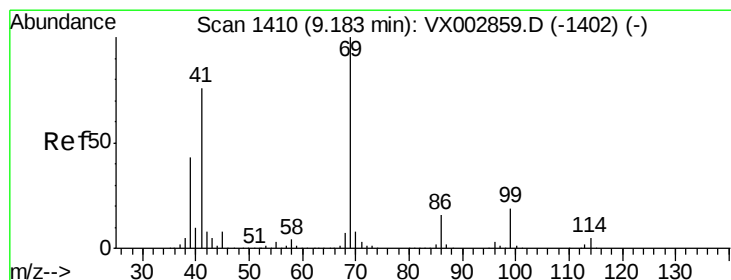
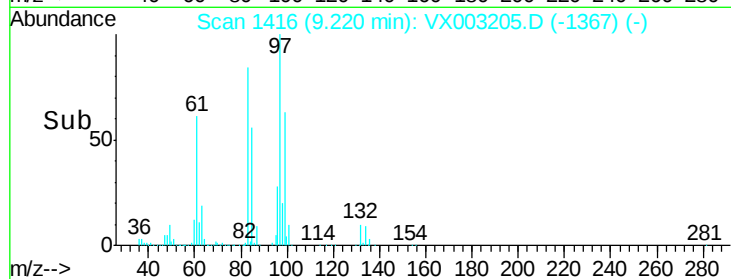
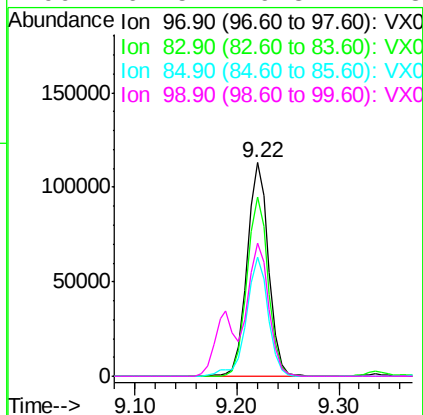
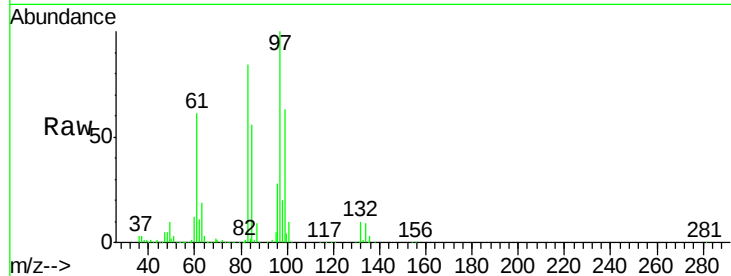
#55
 1,1,2-Trichloroethane
 Concen: 56.39 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion:	97	Resp:	165429
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.2	105.2
85	55.9	44.9	67.3
99	62.5	49.8	74.8

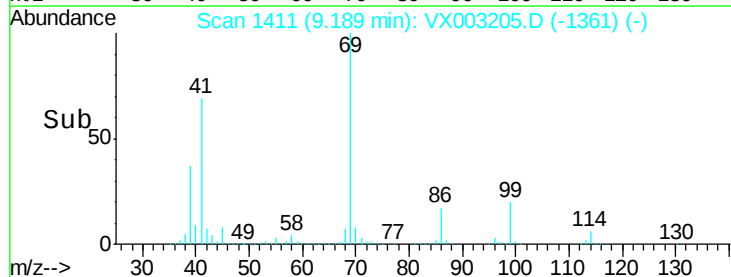
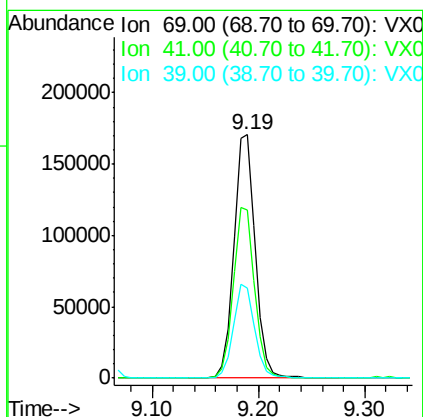
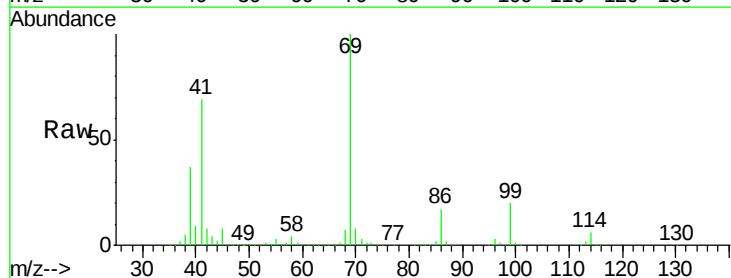
Manual Integrations
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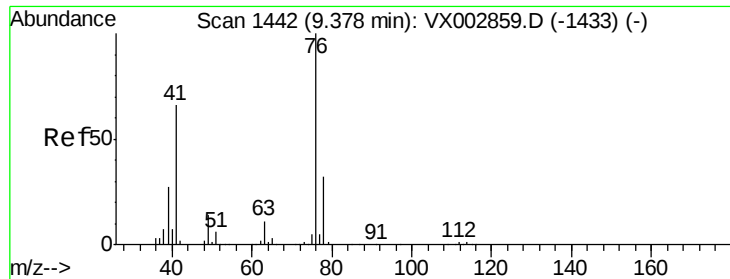
sam
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#56
 Ethyl methacrylate
 Concen: 56.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion:	69	Resp:	240354
Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	38.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 55.06 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 76 Resp: 265303

Ion Ratio Lower Upper

76 100

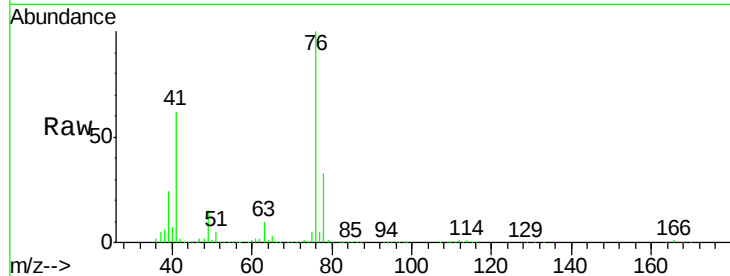
78 32.6 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

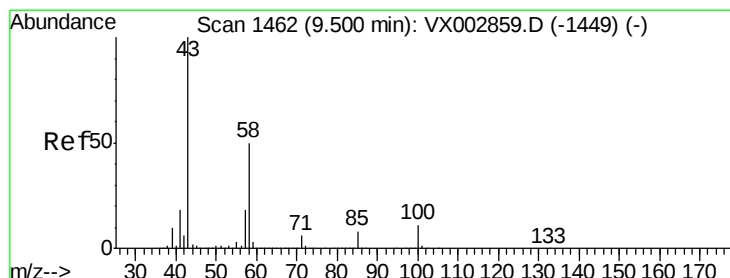
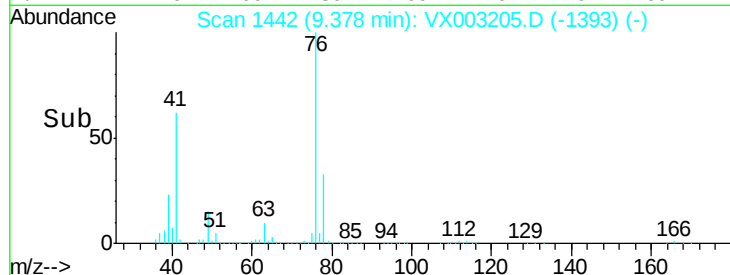
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 294.16 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003205.D

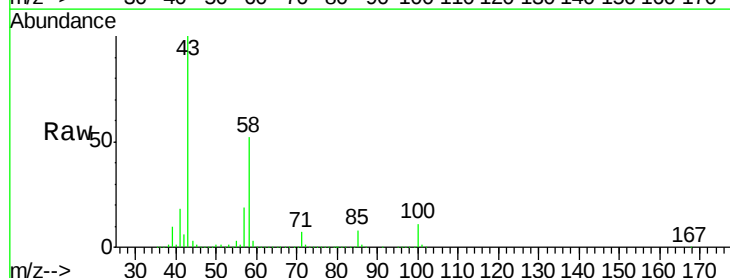
Acq: 06 Jul 2018 06:48

Tgt Ion: 43 Resp: 968798

Ion Ratio Lower Upper

43 100

58 52.6 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

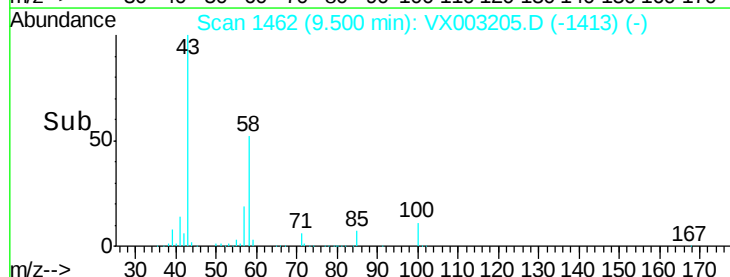
600000

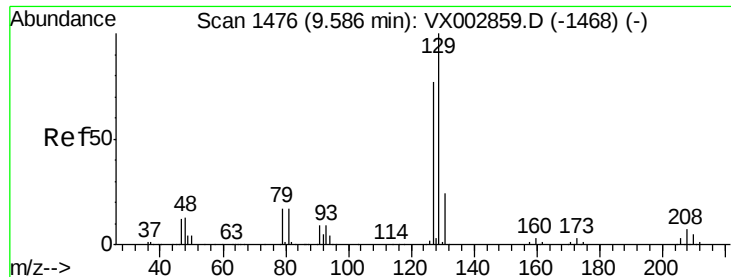
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 57.95 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion:129 Resp: 178984

Ion Ratio Lower Upper

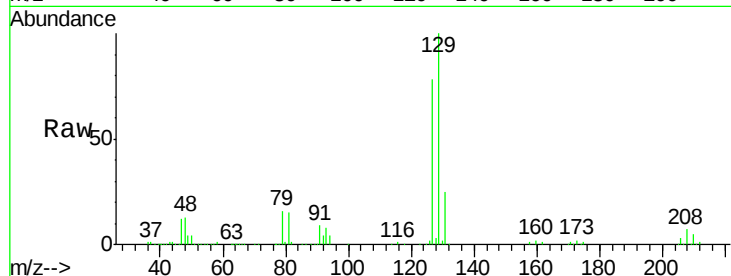
129 100

127 77.1 38.5 115.3

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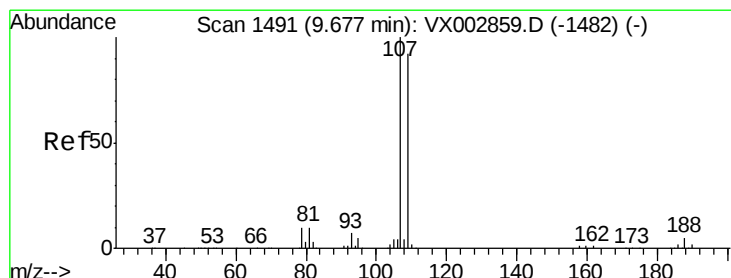
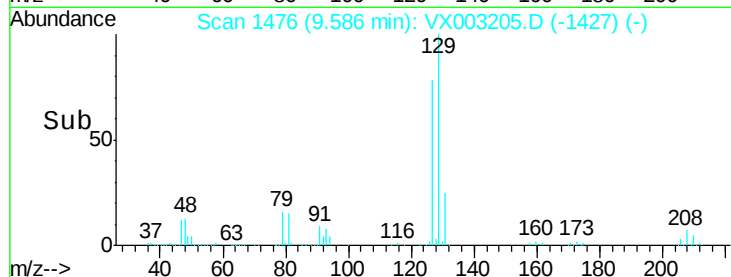
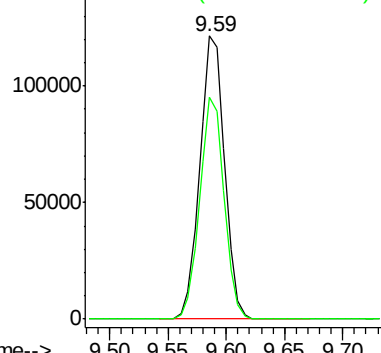
sam

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 56.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003205.D

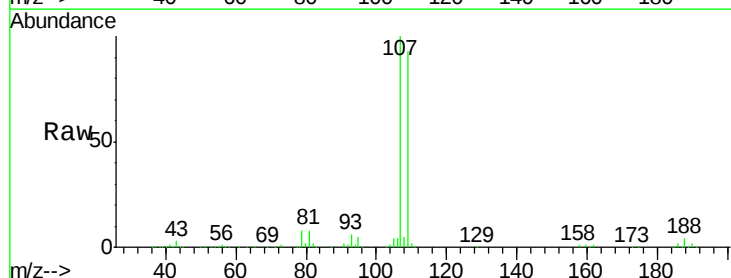
Acq: 06 Jul 2018 06:48

Tgt Ion:107 Resp: 174440

Ion Ratio Lower Upper

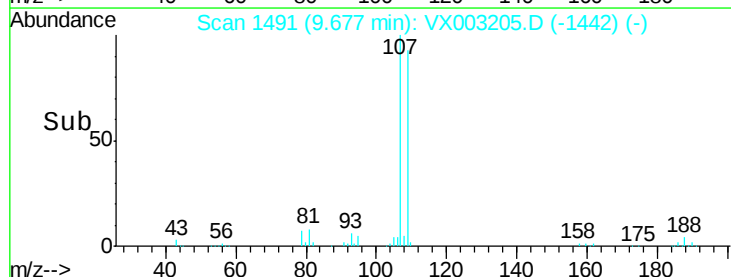
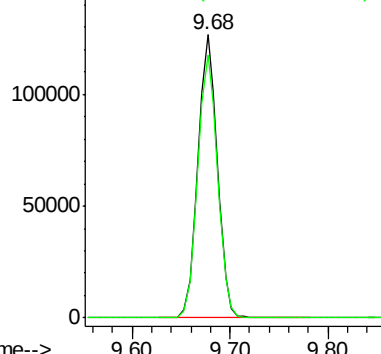
107 100

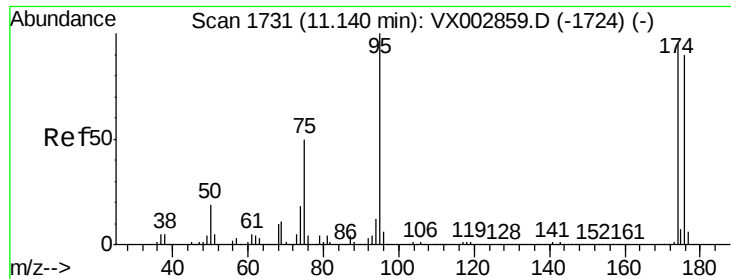
109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 44.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

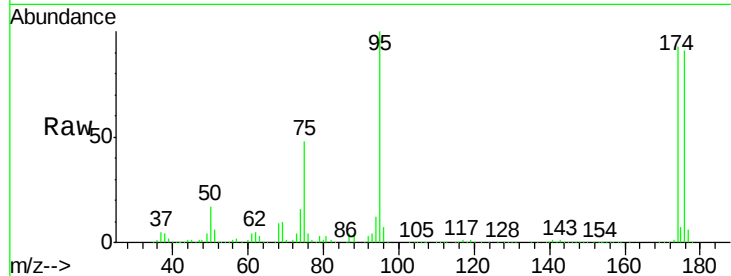
ClientSampleId :

SS032MW061-180702MS

Tot Ion	95	Resp	175213
Ion Ratio	Lower	Upper	
95	100		
174	97.9	0.0	187.4
176	96.0	0.0	181.0

Manual Integrations
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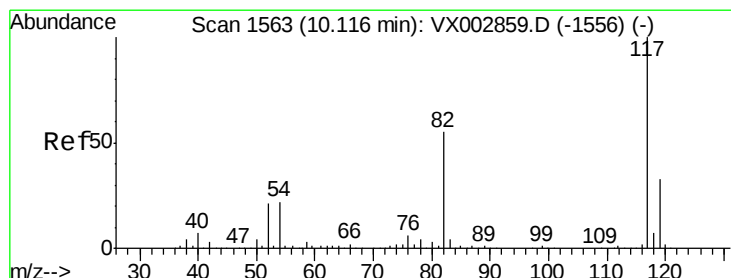
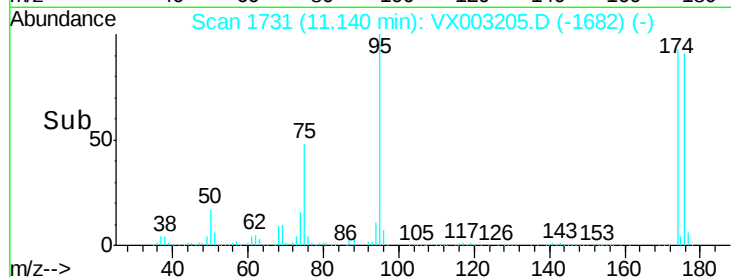
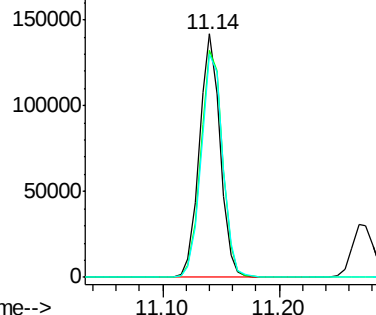
sam
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Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

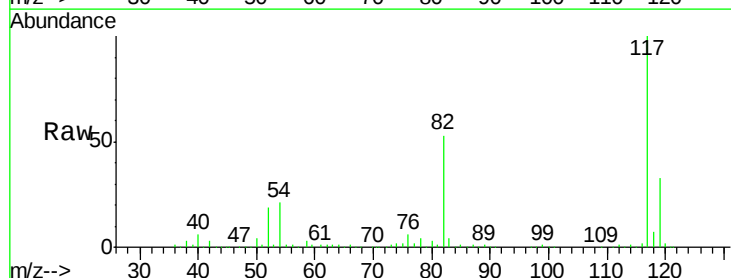
RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

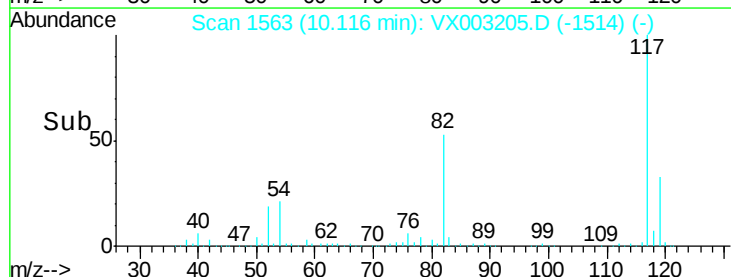
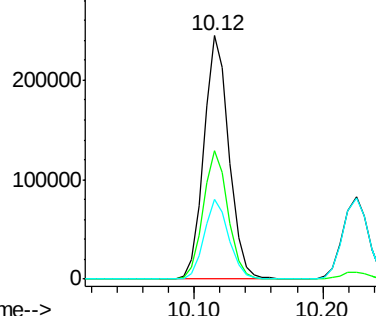
Tgt Ion	117	Resp	332053
Ion Ratio	Lower	Upper	
117	100		
82	53.0	45.0	67.4
119	32.7	25.8	38.6

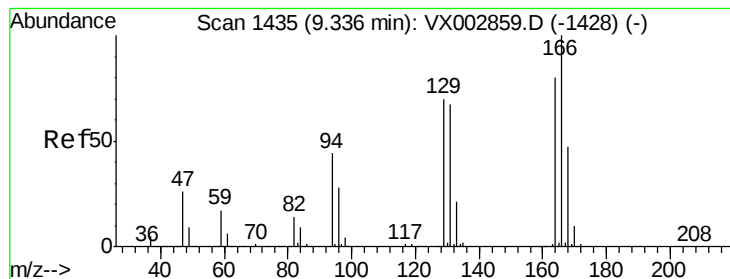


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#64

Tetrachloroethene

Concen: 53.30 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion:164 Resp: 196795

Ion Ratio Lower Upper

164 100

166 127.6 102.9 154.3

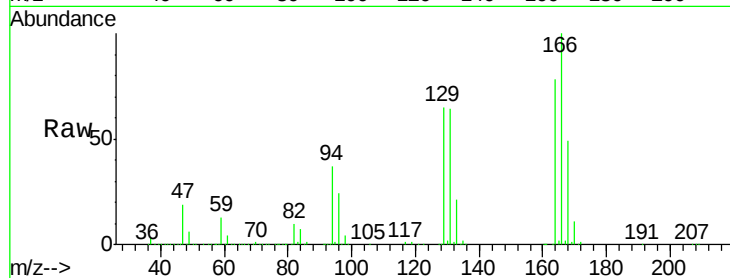
129 83.4 68.6 102.8

131 81.9 66.8 100.2

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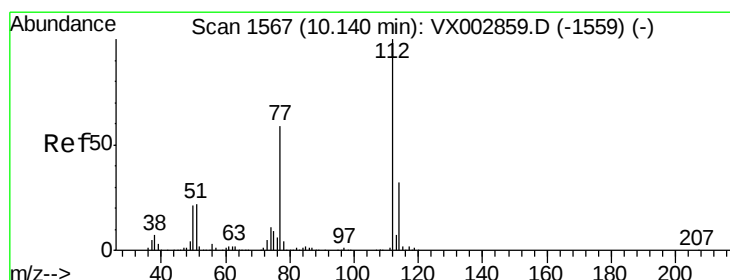
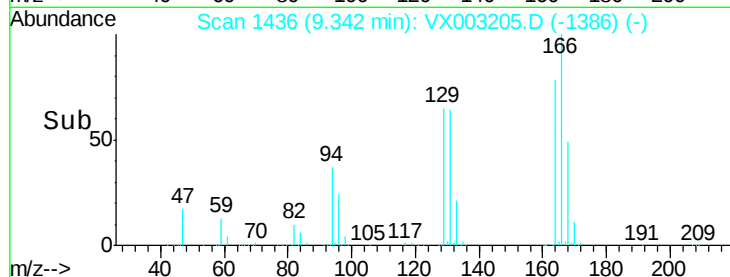
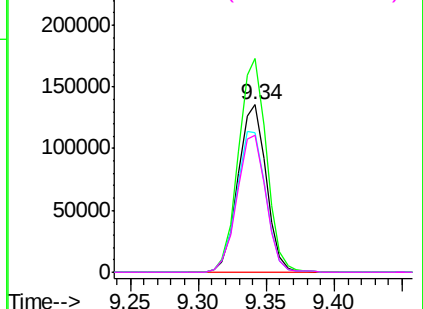


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 53.88 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003205.D

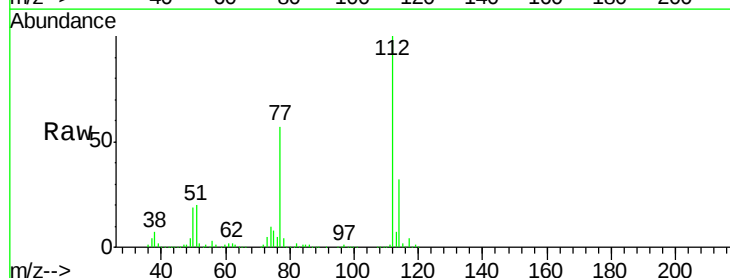
Acq: 06 Jul 2018 06:48

Tgt Ion:112 Resp: 454434

Ion Ratio Lower Upper

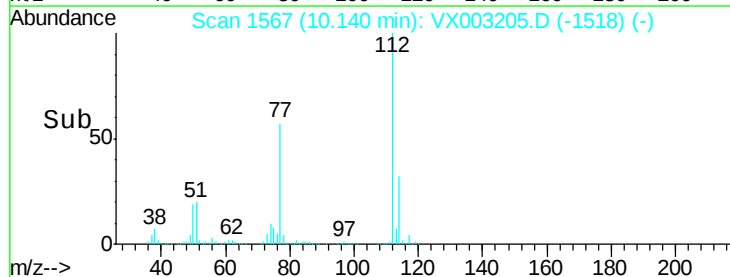
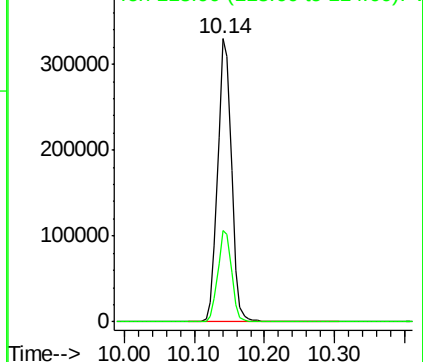
112 100

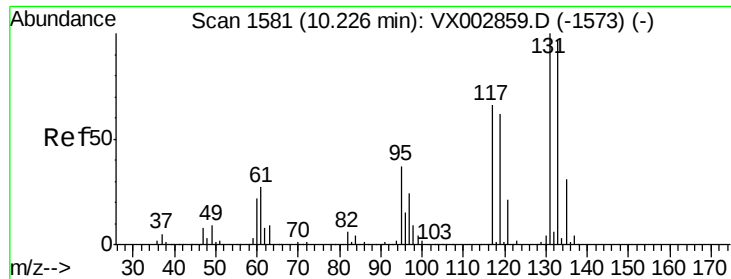
114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





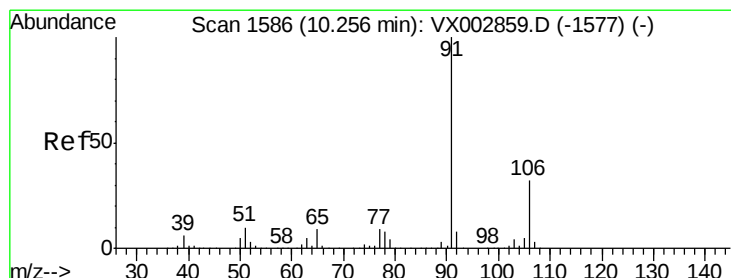
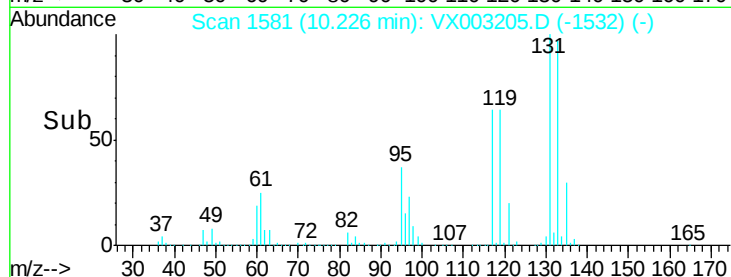
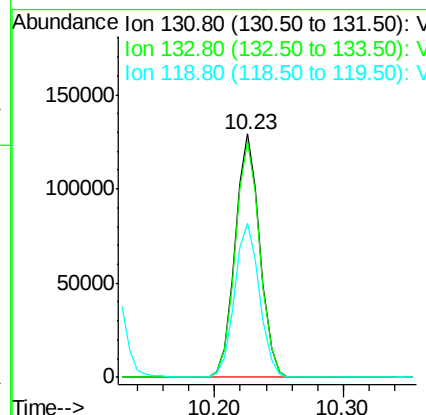
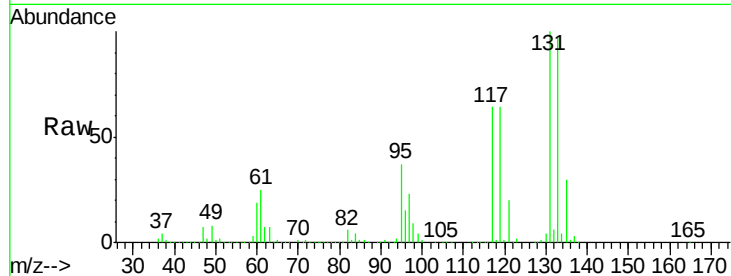
#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.30 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.9	143.6
119	64.1	31.8	95.3

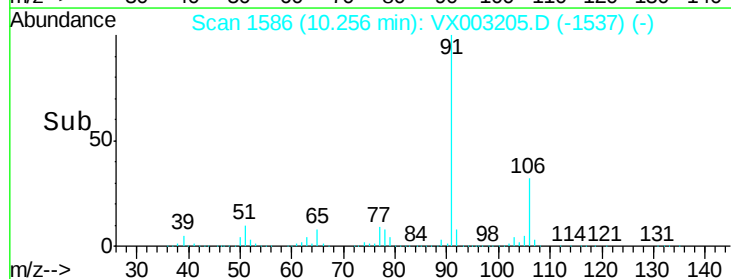
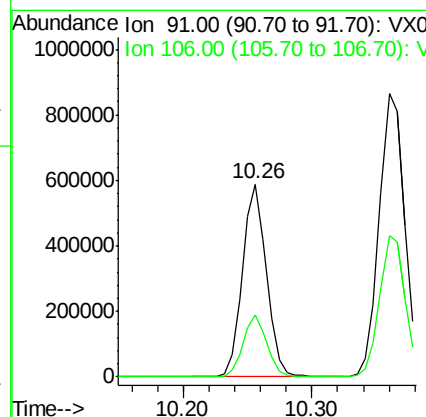
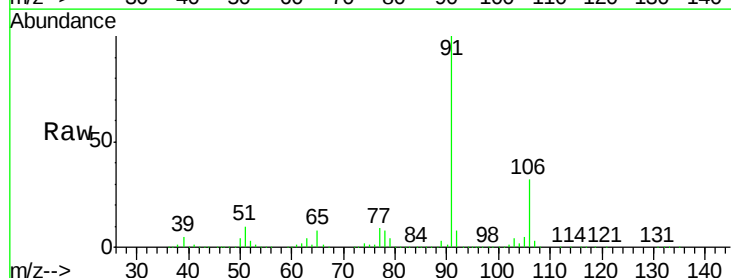
Manual Integrations
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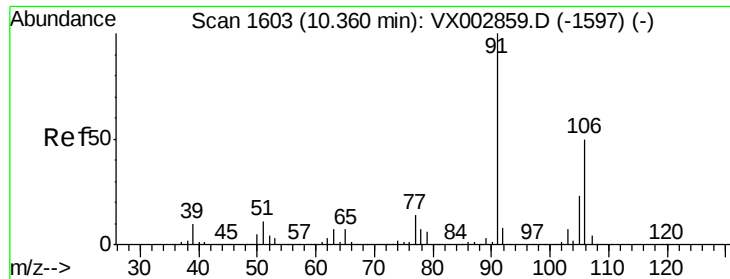
sam
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#67
 Ethyl Benzene
 Concen: 54.46 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.5	38.3





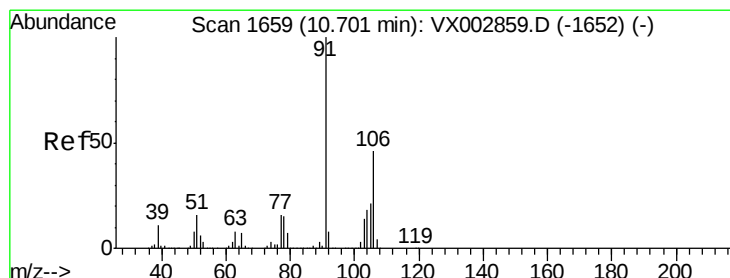
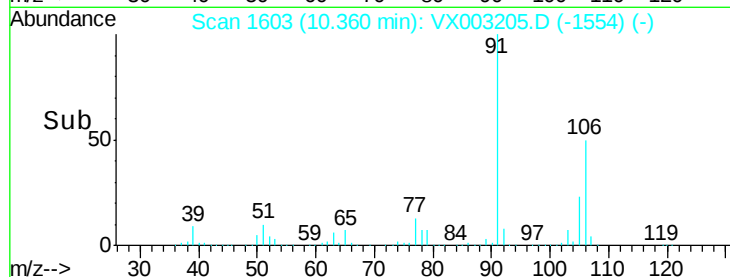
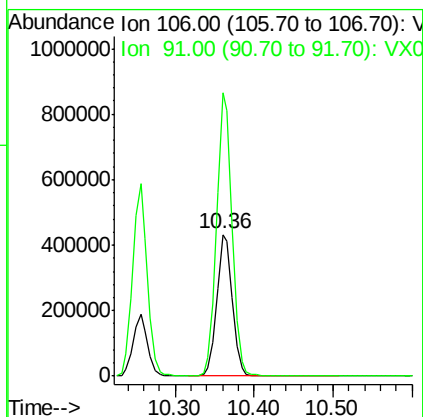
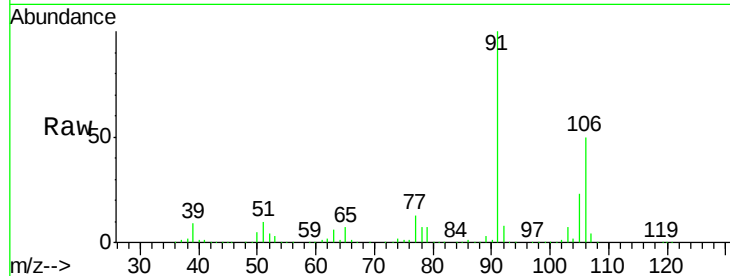
#68
m/p-Xylenes
Concen: 110.51 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:106 Resp: 593396
Ion Ratio Lower Upper
106 100
91 199.4 163.4 245.2

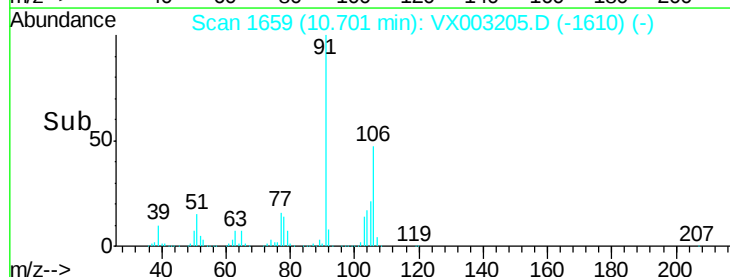
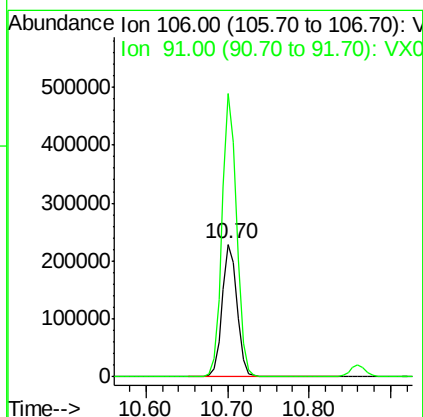
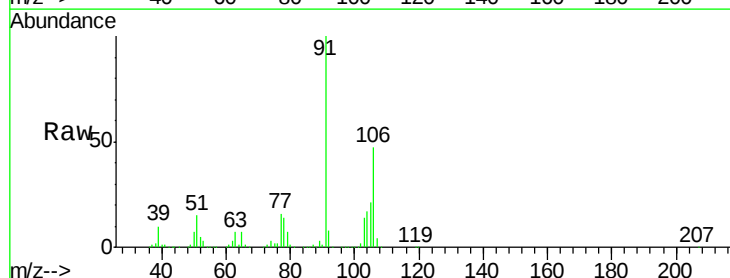
Manual Integrations
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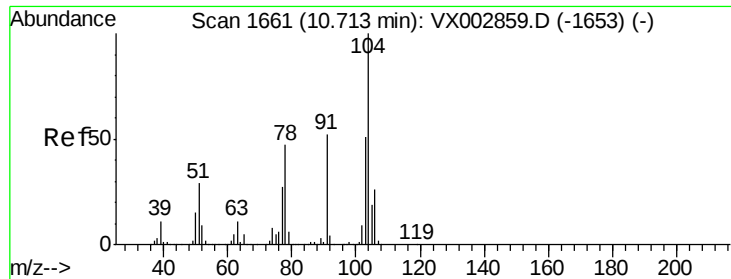
sam
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#69
o-Xylene
Concen: 55.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:106 Resp: 292040
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6





#70

Stvrene

Concen: 55.43 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

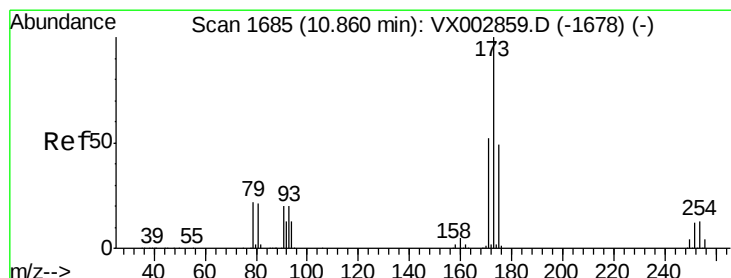
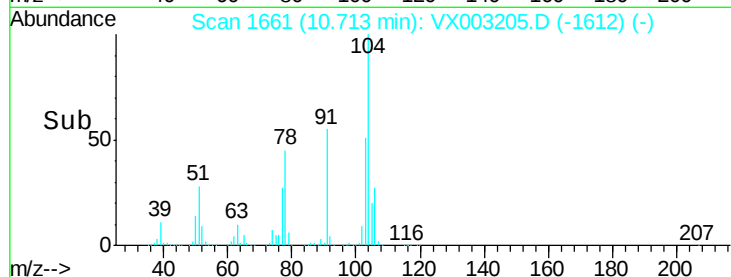
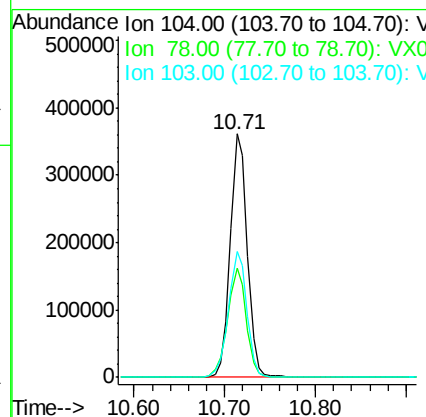
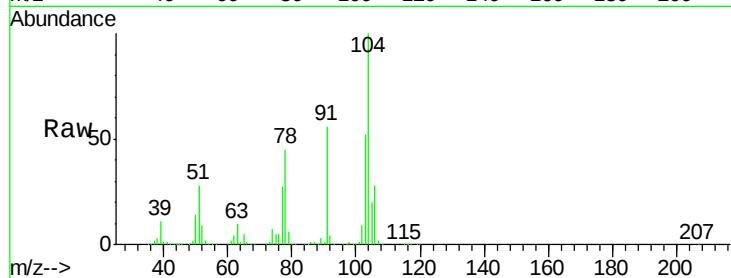
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	104	Resp:	470952
Ion Ratio		Lower	Upper
104	100		
78	49.4	41.0	61.6
103	56.0	44.2	66.4

Manual Integrations
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#71

Bromoform

Concen: 52.51 ug/l

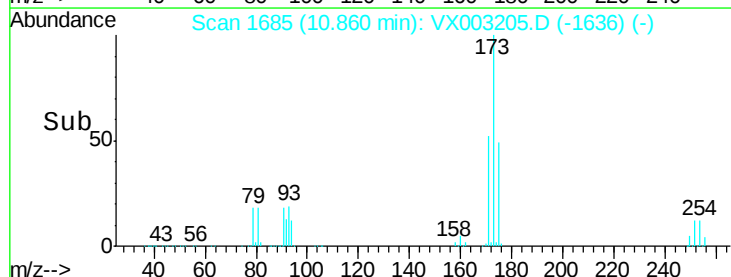
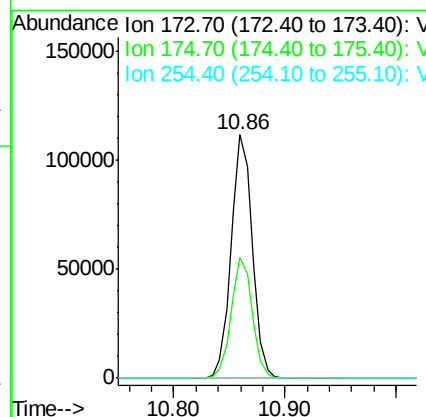
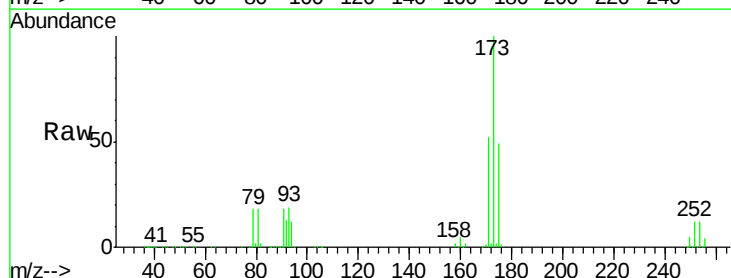
RT: 10.86 min Scan# 1685

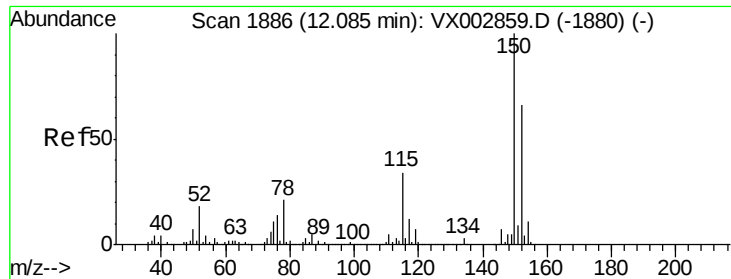
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	173	Resp:	145953
Ion Ratio		Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

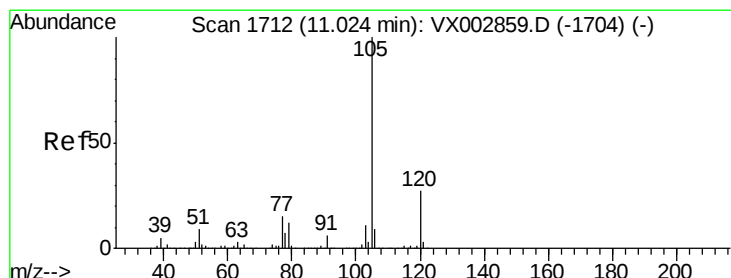
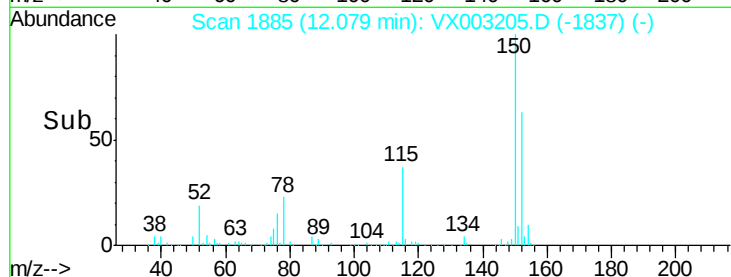
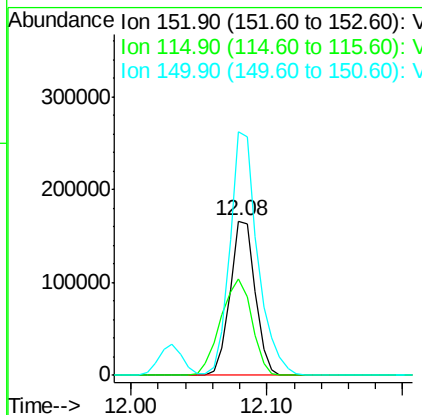
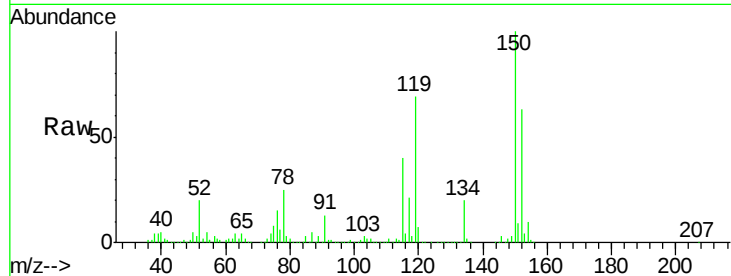
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	152	Resp:	212220
Ion Ratio	Lower	Upper	
152	100		
115	78.3	40.1	120.2
150	174.7	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 54.90 ug/l

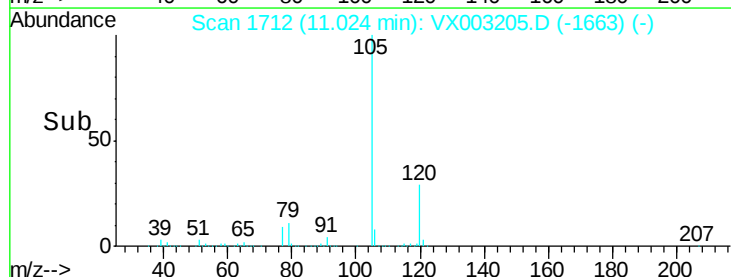
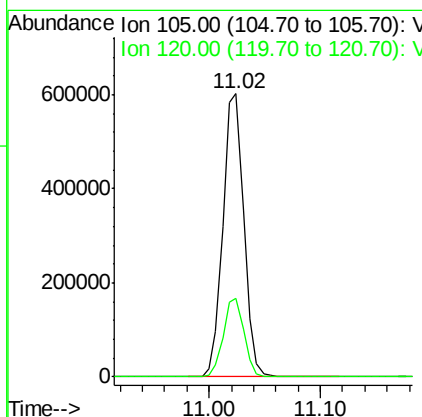
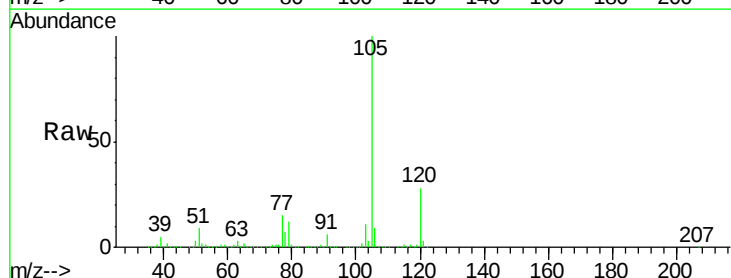
RT: 11.02 min Scan# 1712

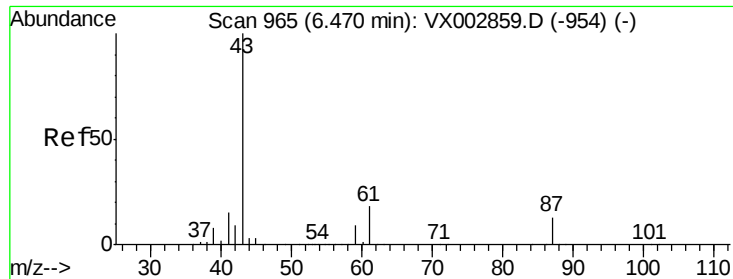
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	105	Resp:	783854
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.5	40.4





#74

N-amvl acetate

Concen: 49.67 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

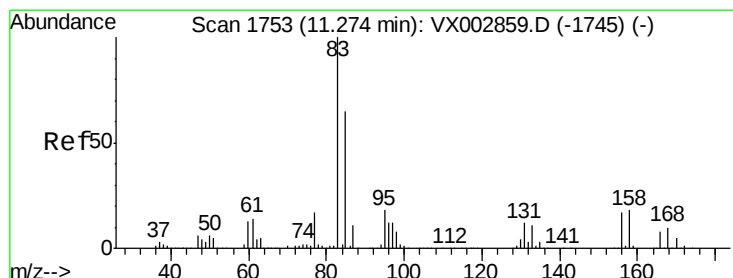
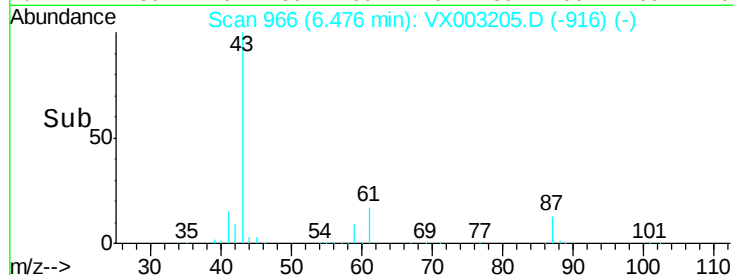
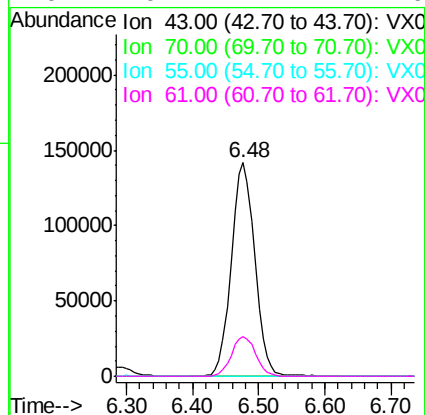
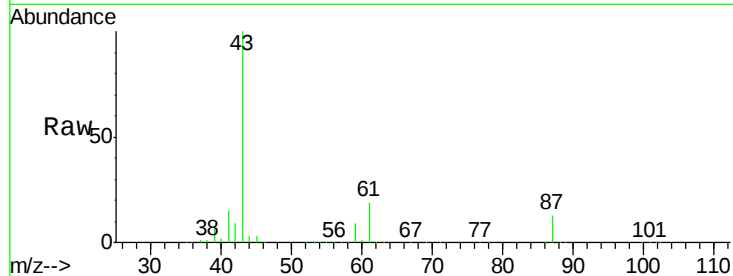
ClientSampleId :

SS032MW061-180702MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	0.0	0.0	0.0		
55	0.0	0.0	0.0		
61	19.2	14.4	21.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 55.72 ug/l

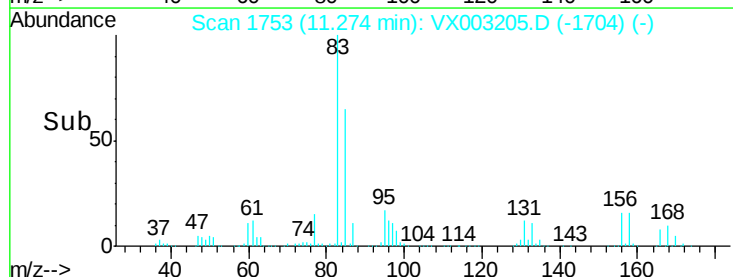
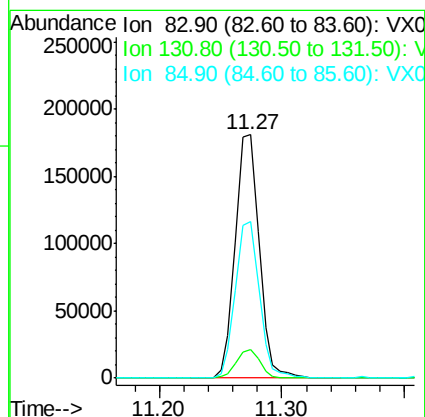
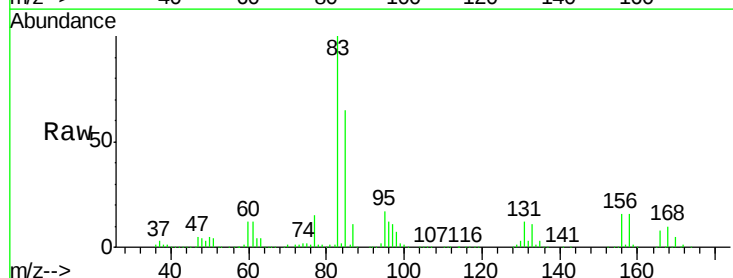
RT: 11.27 min Scan# 1753

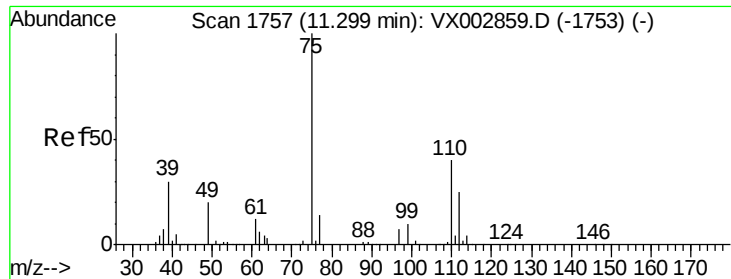
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.5	5.6	16.8		
85	64.7	32.4	97.2		





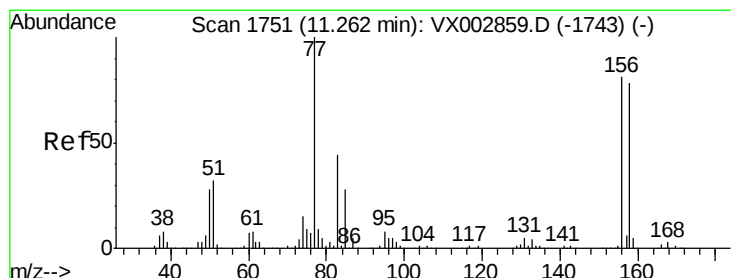
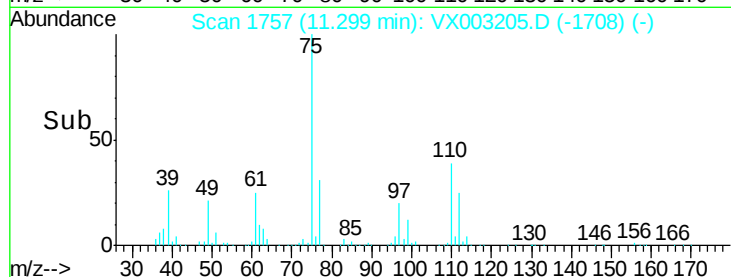
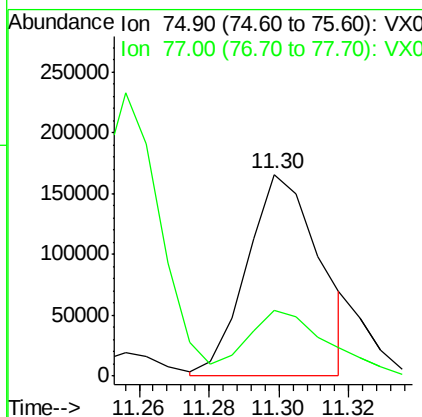
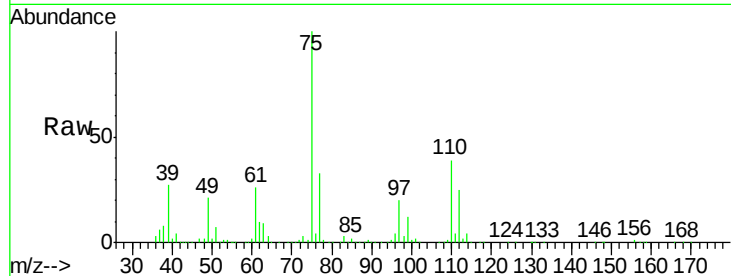
#76
1,2,3-Trichloropropane
Concen: 62.55 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 75 Resp: 240467
Ion Ratio Lower Upper
75 100
77 36.2 22.8 68.3

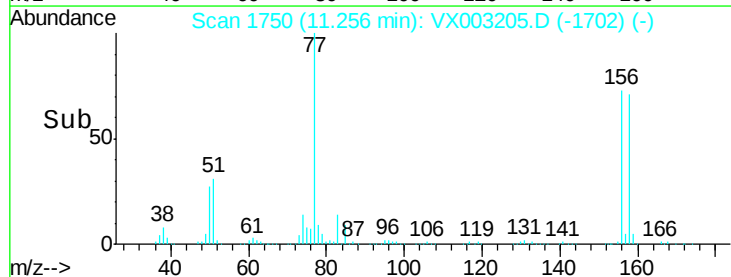
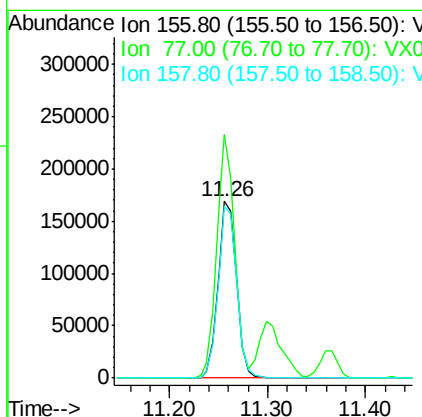
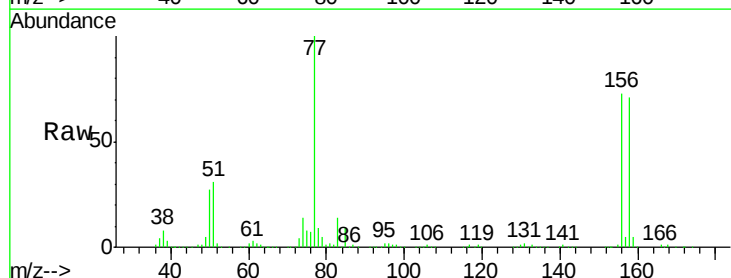
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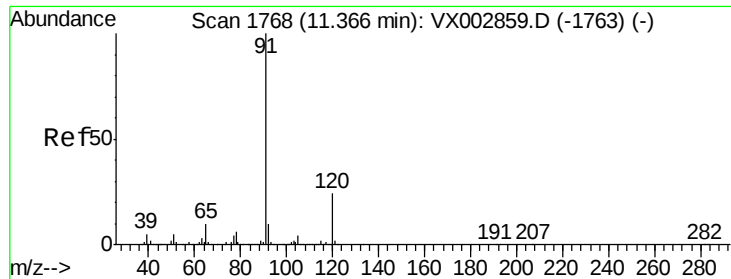
sam
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#77
Bromobenzene
Concen: 54.41 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 156 Resp: 221226
Ion Ratio Lower Upper
156 100
77 132.8 71.4 214.2
158 97.7 48.9 146.6





#78

n-propylbenzene

Concen: 53.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

Tot Ion: 91 Resp: 864356

Ion Ratio Lower Upper

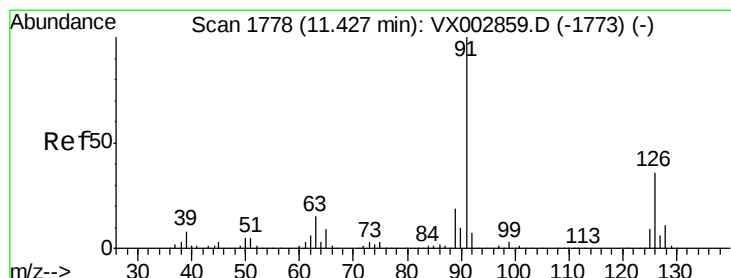
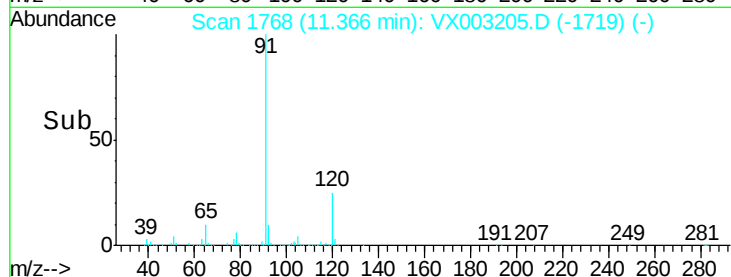
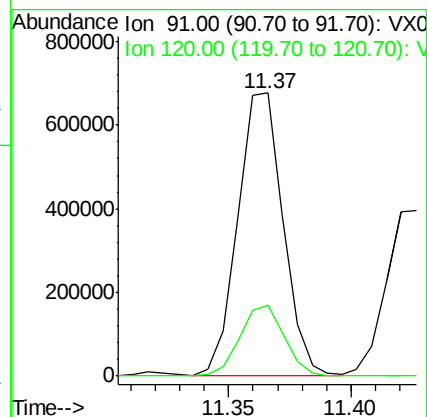
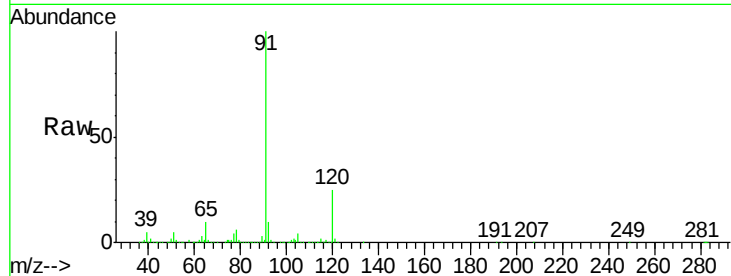
91 100

120 24.6 11.8 35.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 53.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003205.D

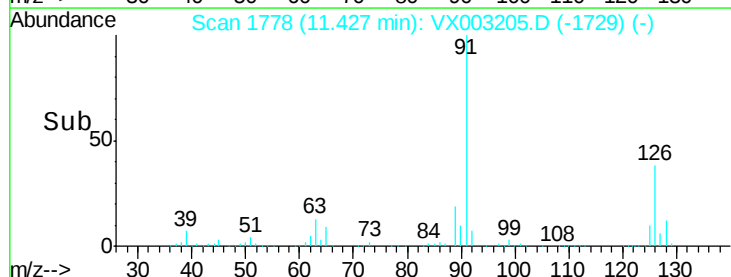
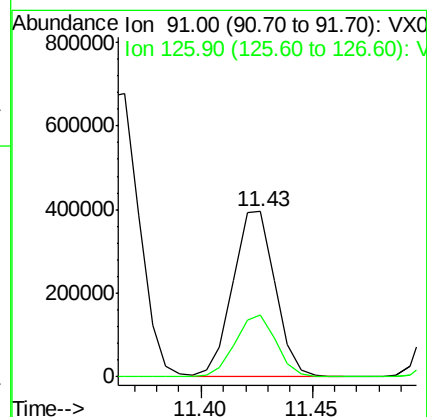
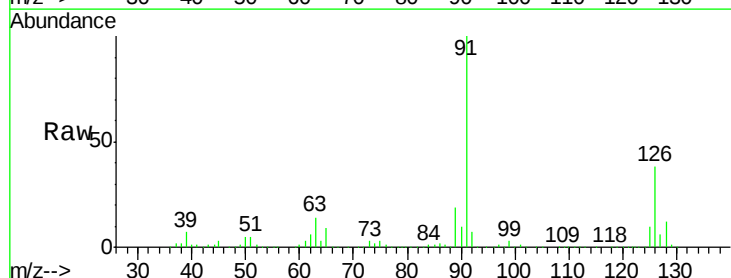
Acq: 06 Jul 2018 06:48

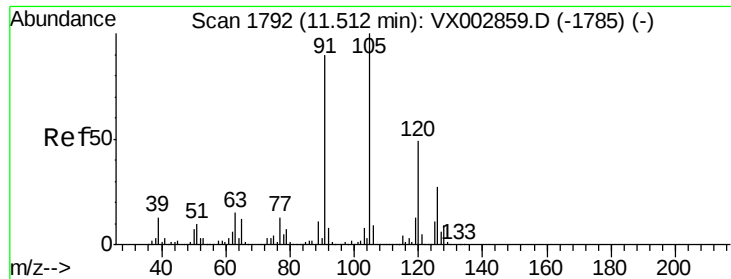
Tgt Ion: 91 Resp: 521711

Ion Ratio Lower Upper

91 100

126 36.6 17.7 53.1





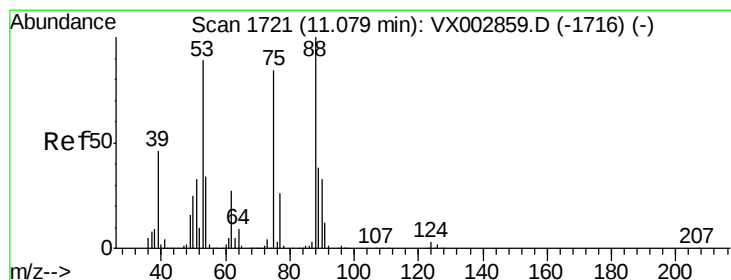
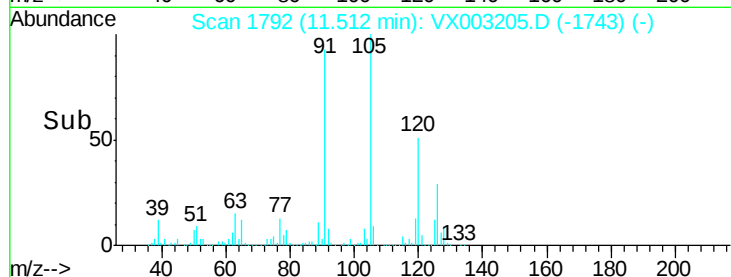
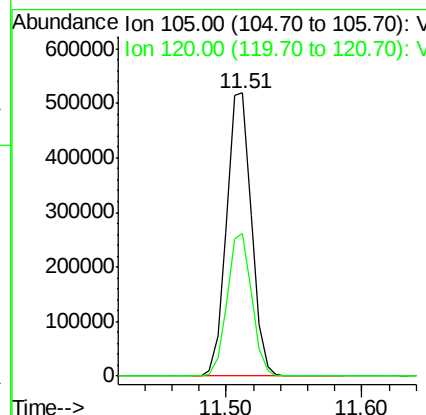
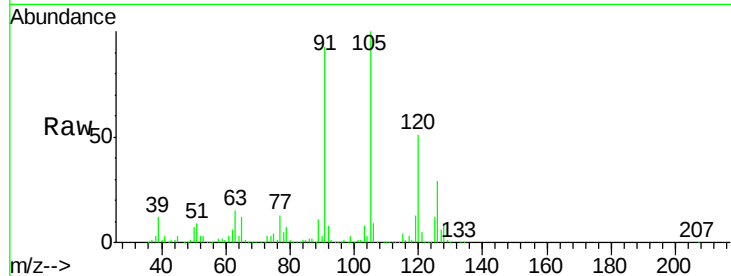
#80
 1,3,5-Trimethylbenzene
 Concen: 54.58 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.4	73.4

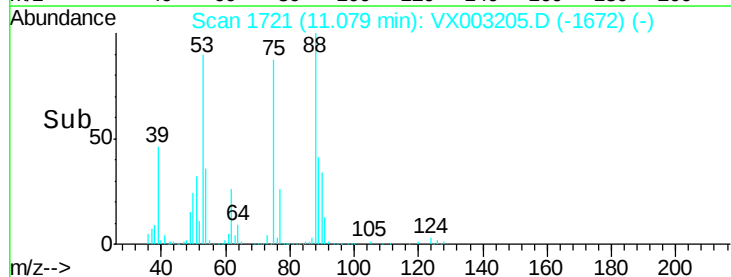
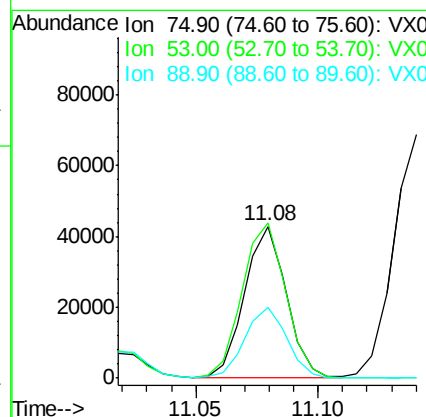
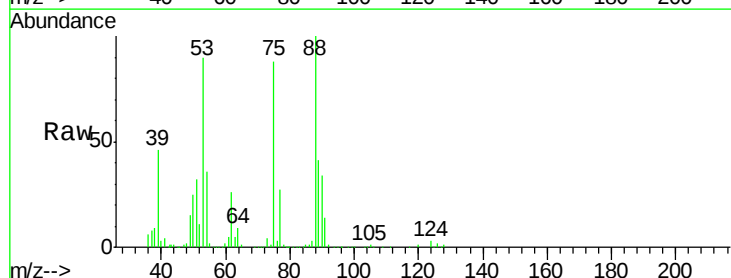
Manual Integrations
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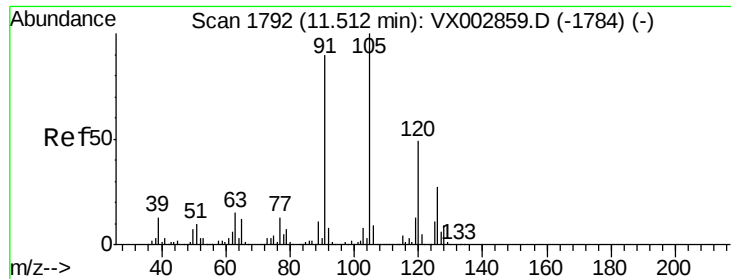
sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.10 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.8	86.8	130.2
89	47.1	38.2	57.2





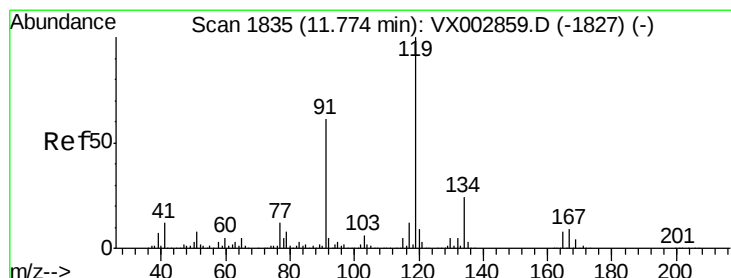
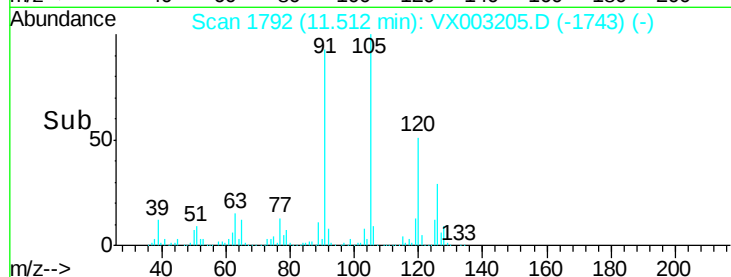
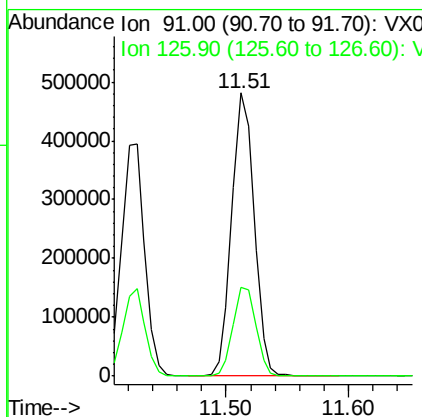
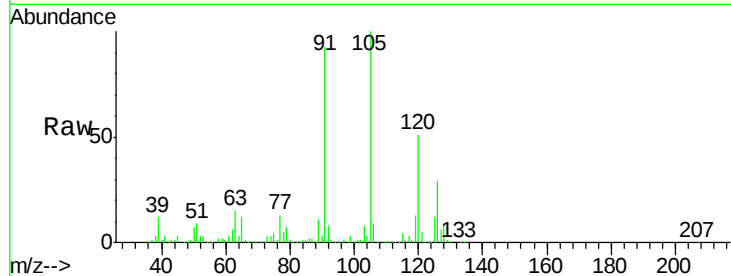
#82
4-Chlorotoluene
Concen: 52.62 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4

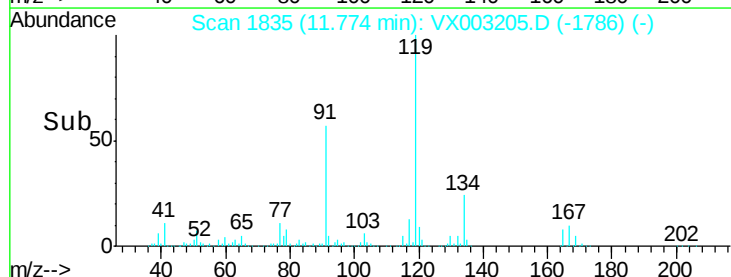
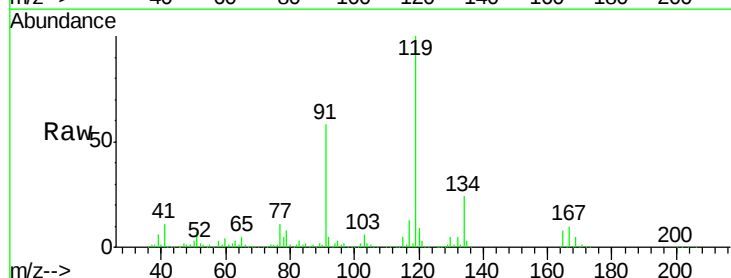
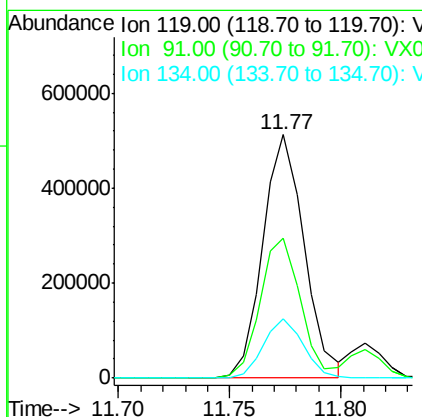
Manual Integrations
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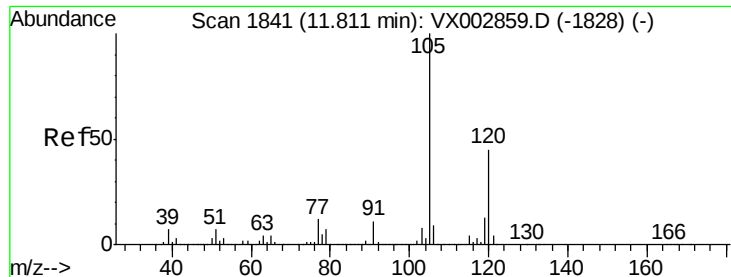
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#83
tert-Butylbenzene
Concen: 55.86 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.9	30.3	90.9
134	23.7	11.7	35.1





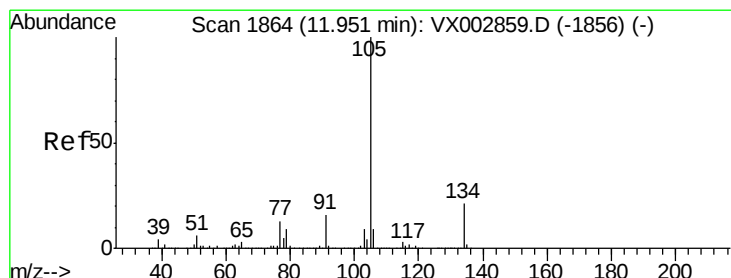
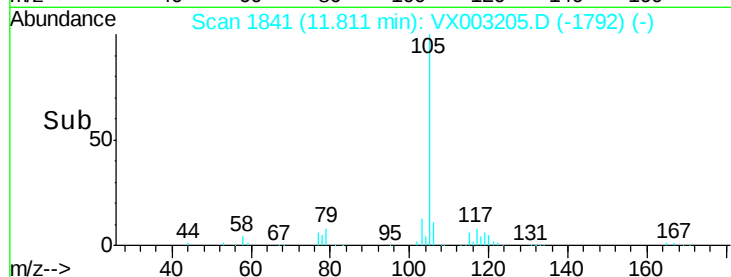
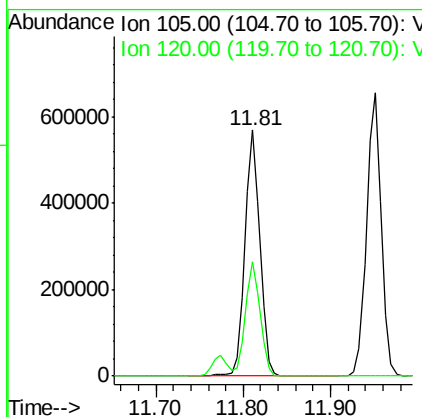
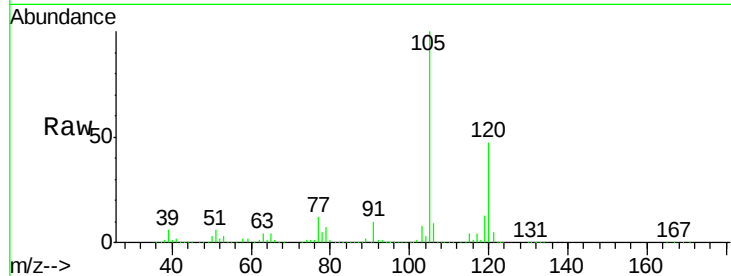
#84
 1,2,4-Trimethylbenzene
 Concen: 54.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8

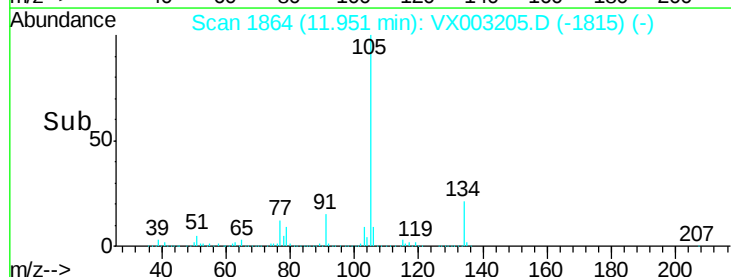
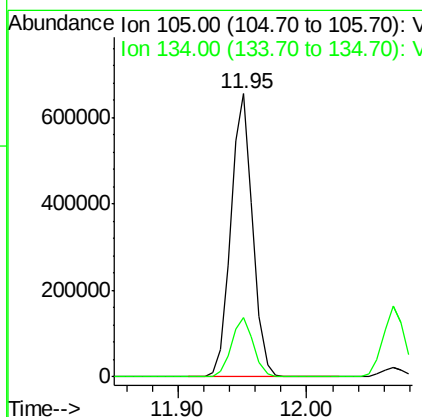
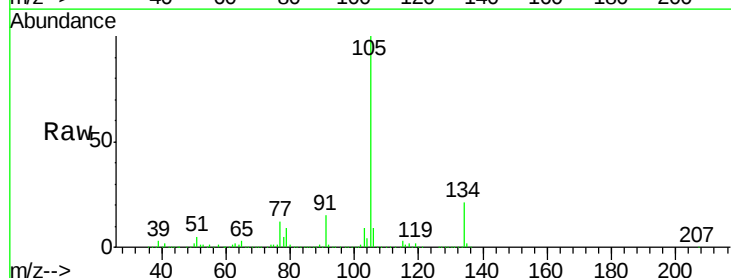
Manual Integrations
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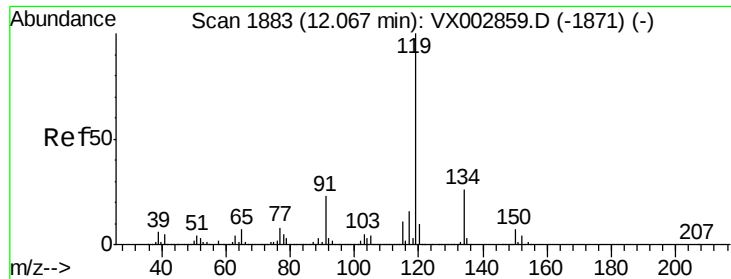
sam
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#85
 sec-Butylbenzene
 Concen: 53.75 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.4	31.1





#86

p-Isopropyltoluene

Concen: 53.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

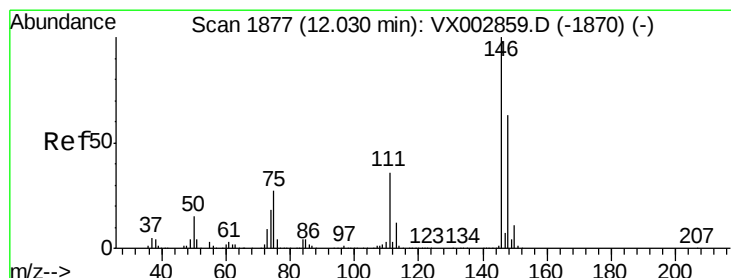
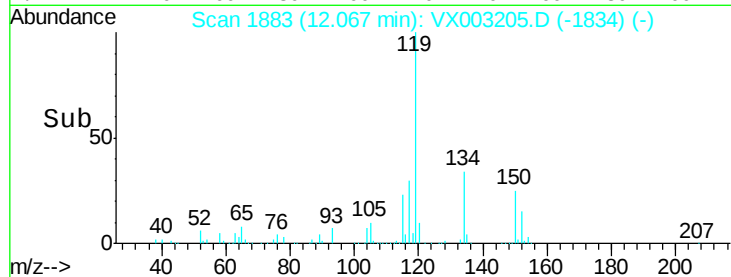
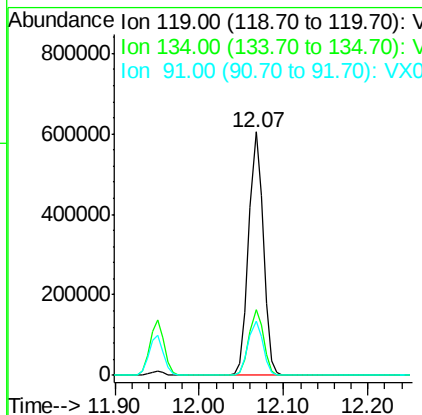
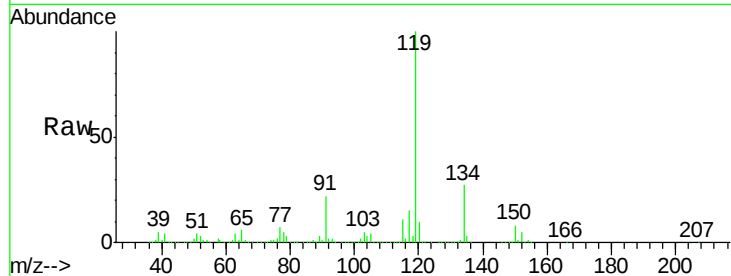
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	119	Resp:	691368
Ion Ratio	Lower	Upper	
119	100		
134	27.2	13.4	40.1
91	22.6	11.9	35.7

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#87

1,3-Dichlorobenzene

Concen: 53.89 ug/l

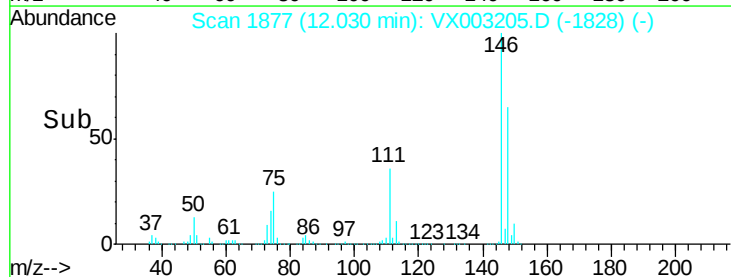
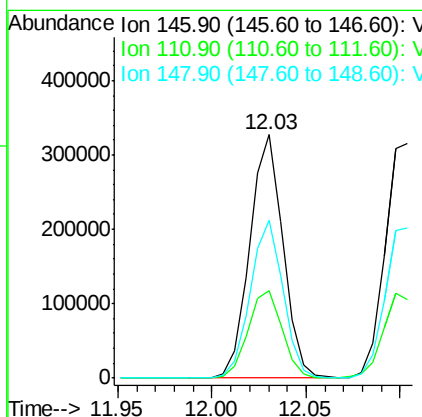
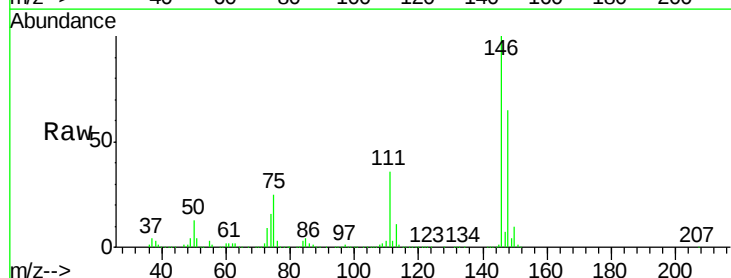
RT: 12.03 min Scan# 1877

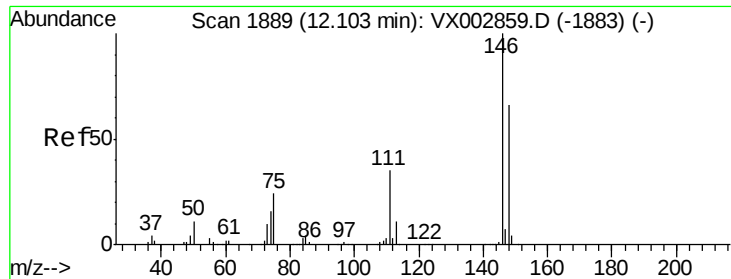
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	146	Resp:	400162
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.9	56.7
148	64.0	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 52.36 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

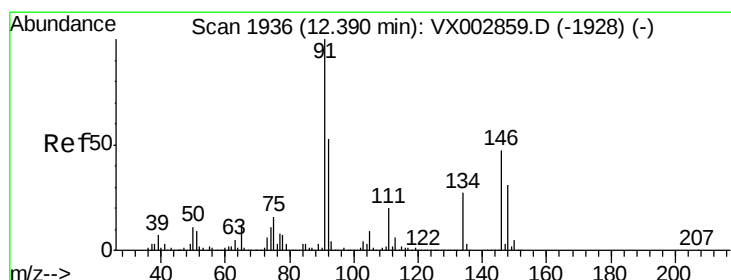
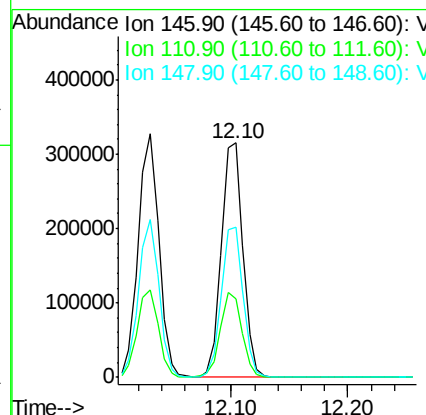
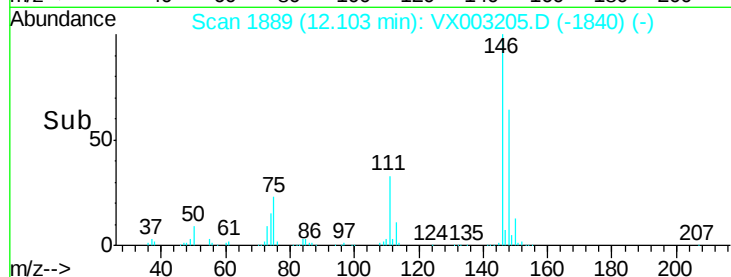
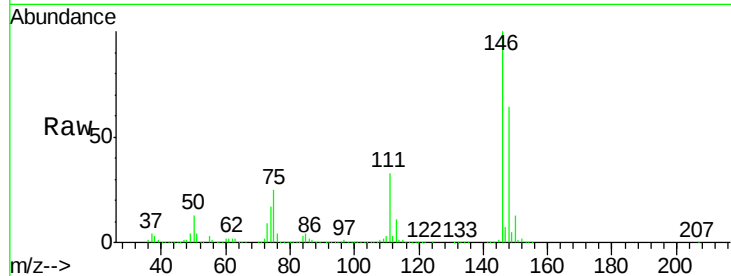
ClientSampleId :

SS032MW061-180702MS

Tot Ion:	146	Resp:	400108
Ion Ratio		Lower	Upper
146	100		
111	36.2	18.7	56.1
148	64.5	32.4	97.0

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#89

n-Butylbenzene

Concen: 49.21 ug/l

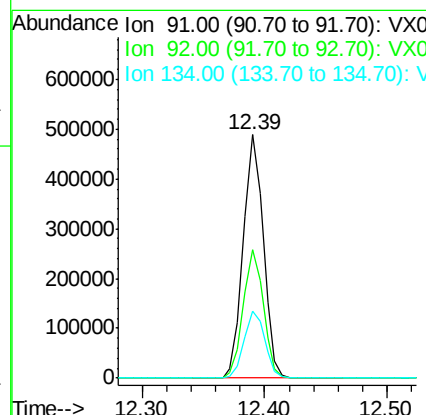
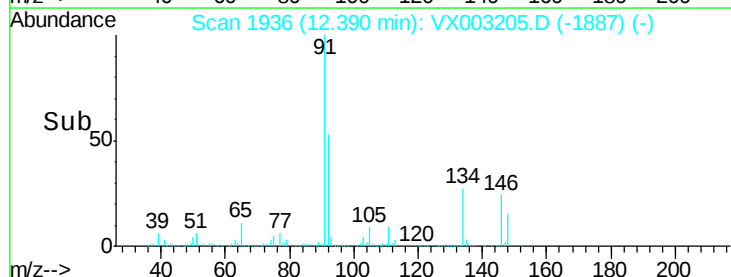
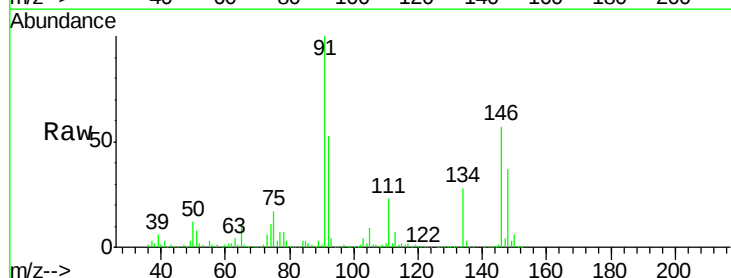
RT: 12.39 min Scan# 1936

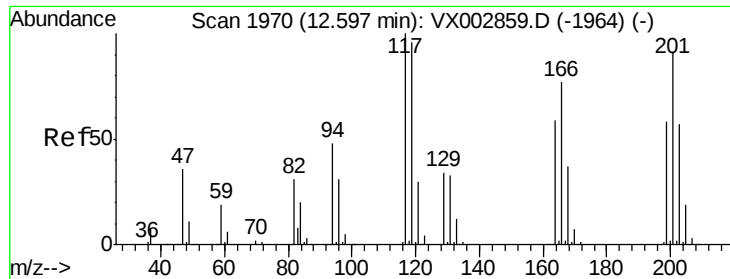
Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion:	91	Resp:	553565
Ion Ratio		Lower	Upper
91	100		
92	52.7	26.0	78.0
134	28.5	13.5	40.5





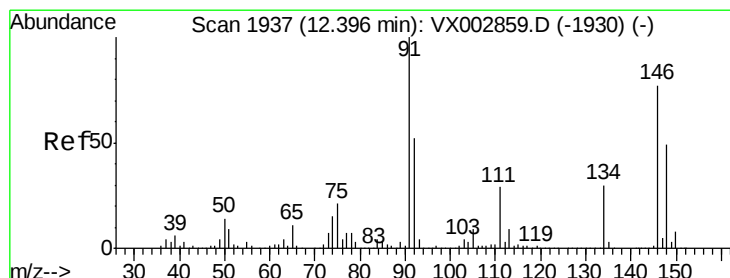
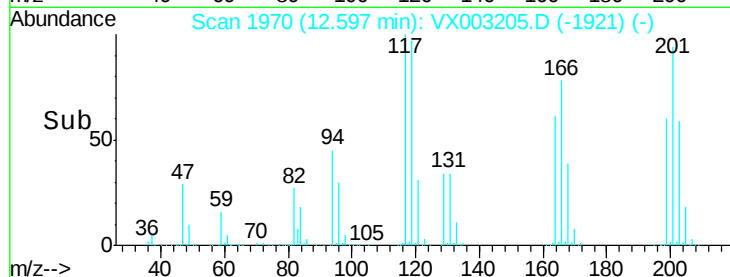
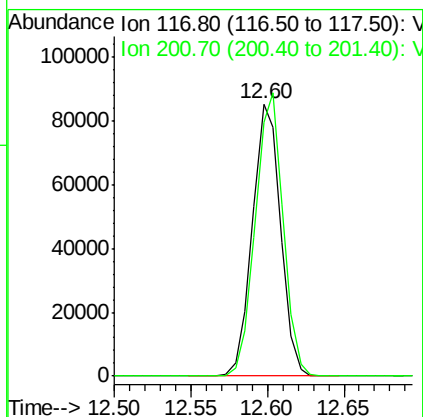
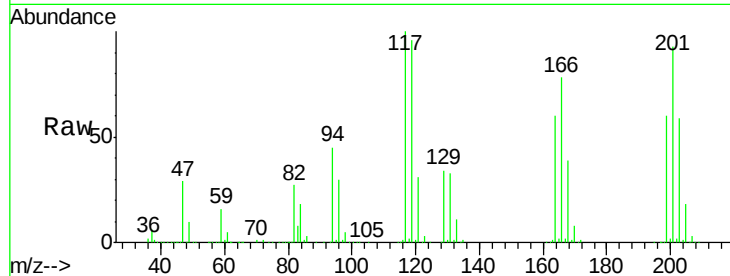
#90
Hexachloroethane
Concen: 56.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:117 Resp: 109117
Ion Ratio Lower Upper
117 100
201 102.9 49.0 147.0

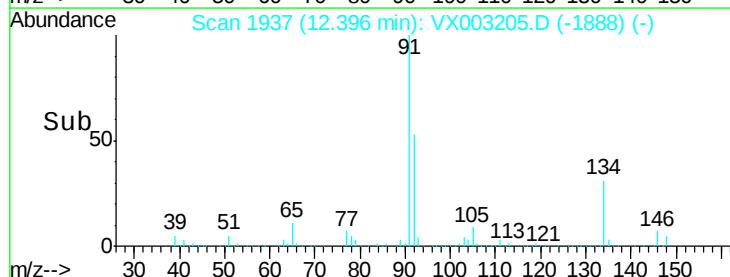
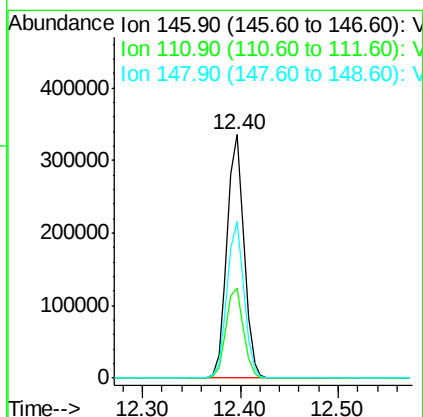
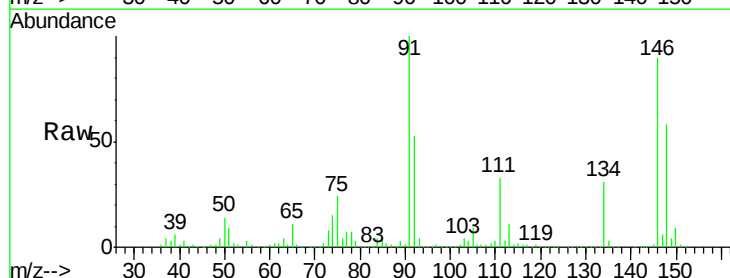
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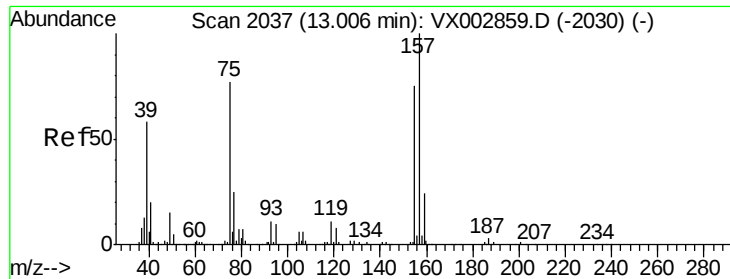
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#91
1,2-Dichlorobenzene
Concen: 54.49 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:146 Resp: 408383
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.1
148 64.1 31.7 95.1





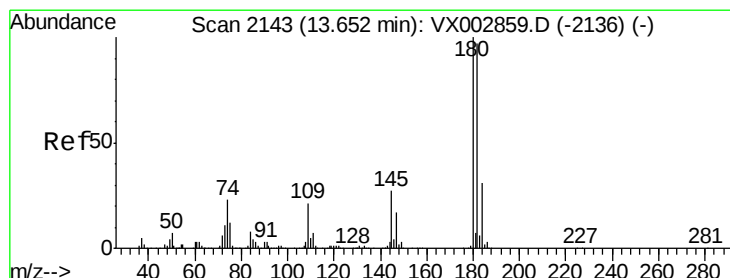
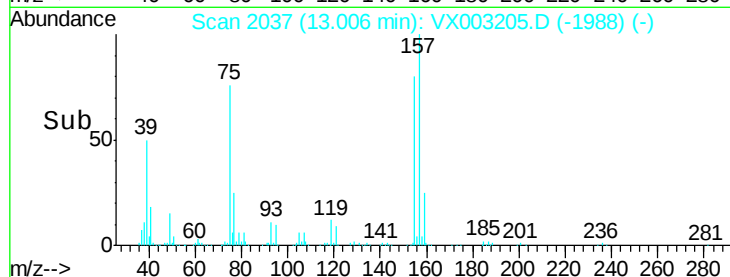
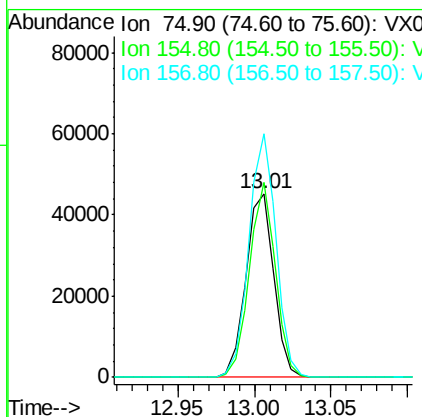
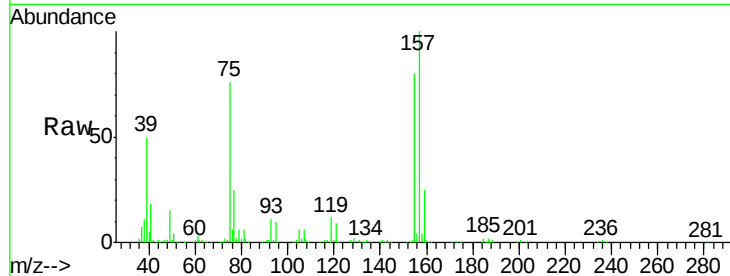
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.0	45.8	137.4
157	128.7	60.1	180.3

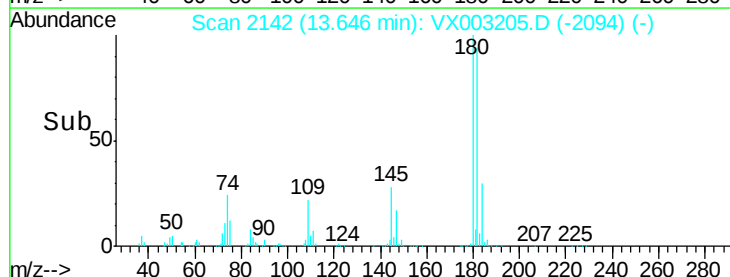
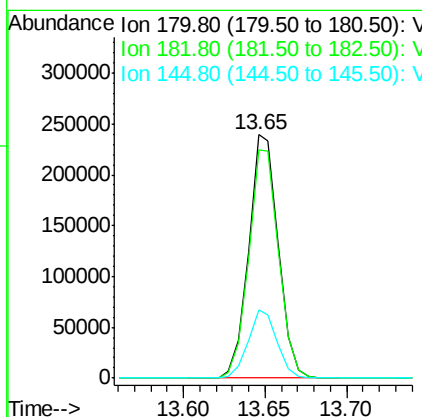
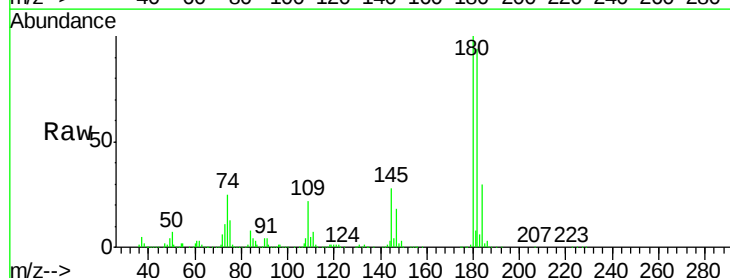
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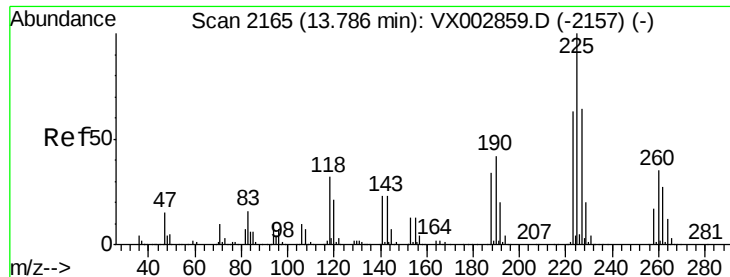
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#93
 1,2,4-Trichlorobenzene
 Concen: 55.17 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.4	14.1	42.4





#94

Hexachlorobutadiene

Concen: 50.13 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

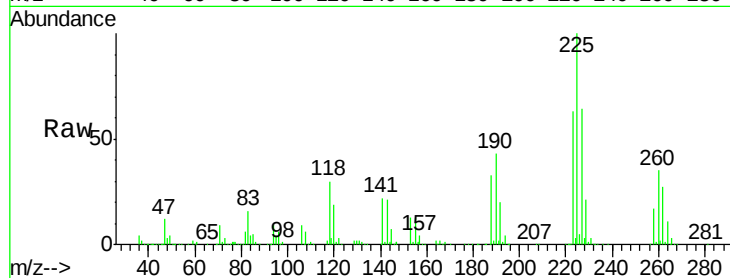
ClientSampleId :

SS032MW061-180702MS

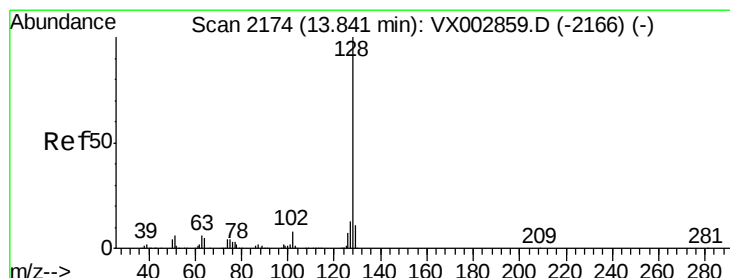
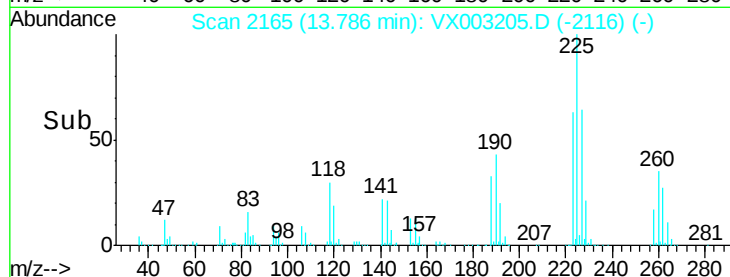
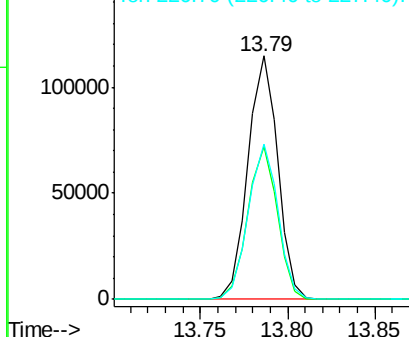
Tot Ion:	225	Resp:	136372
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.6	95.0
227	64.0	32.4	97.2

Manual Integrations
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 59.69 ug/l

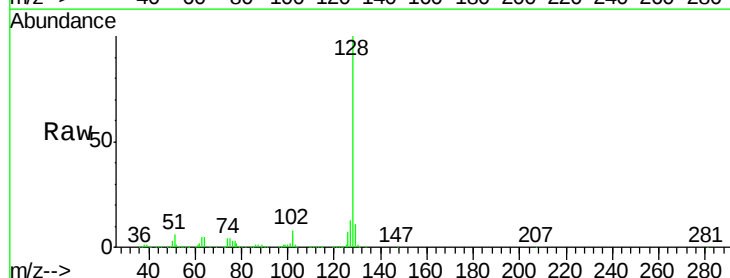
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

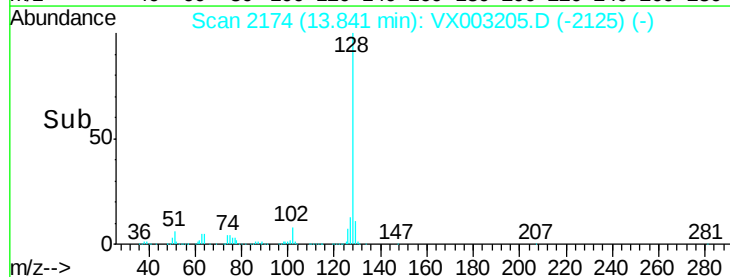
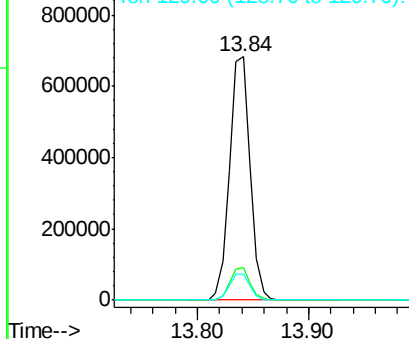
Lab File: VX003205.D

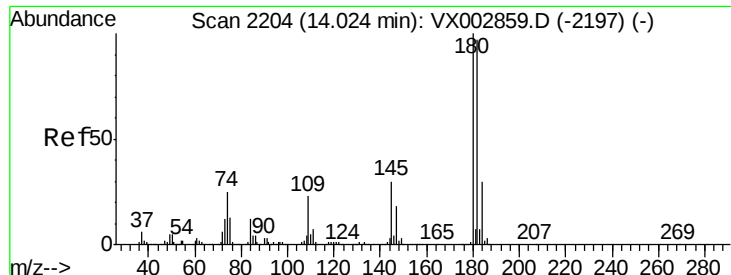
Acq: 06 Jul 2018 06:48

Tgt Ion:	128	Resp:	867113
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 56.32 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	48.0	144.0
145	28.9	14.8	44.3

Manual Integrations
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