

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003222.D
 Acq On : 06 Jul 2018 19:46
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:53 PM

Quant Time: Jul 07 00:13:50 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	229506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155579	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.51	113	134791	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.72	98	455263	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	176861	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45986	22.276	ug/l	98
3) Chloromethane	1.32	50	47903	21.843	ug/l	100
4) Vinyl Chloride	1.40	62	54385	20.954	ug/l	93
5) Bromomethane	1.64	94	24010	18.081	ug/l	98
6) Chloroethane	1.72	64	33742	20.926	ug/l	98
7) Trichlorofluoromethane	1.93	101	84904	19.393	ug/l	99
8) Diethyl Ether	2.19	74	32730	20.564	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50889	20.060	ug/l	95
10) Methyl Iodide	2.51	142	40388	19.970	ug/l	96
11) Tert butyl alcohol	3.08	59	63520	100.516	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46328	20.468	ug/l	91
13) Acrolein	2.29	56	39643	115.470	ug/l	100
14) Allyl chloride	2.73	41	89650	20.093	ug/l	95
15) Acrylonitrile	3.15	53	143419	106.253	ug/l	99
16) Acetone	2.45	43	128170	97.563	ug/l	95
17) Carbon Disulfide	2.57	76	113585	18.834	ug/l	98
18) Methyl Acetate	2.78	43	71421	19.445	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	167331	20.564	ug/l	98
20) Methylene Chloride	2.85	84	58175	22.756	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48440	19.649	ug/l	95
22) Diisopropyl ether	3.88	45	185586	21.760	ug/l	95
23) Vinyl Acetate	3.83	43	752964	104.263	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95107	20.517	ug/l	99
25) 2-Butanone	4.71	43	215416	110.488	ug/l	96
26) 2,2-Dichloropropane	4.59	77	78688	20.876	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	60933	22.044	ug/l	98
28) Bromochloromethane	5.02	49	44912	20.242	ug/l	90
29) Tetrahydrofuran	5.17	42	137001	109.576	ug/l	96
30) Chloroform	5.22	83	105896	22.260	ug/l	96
31) Cyclohexane	5.58	56	82284	20.684	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	90291	21.572	ug/l	98
36) 1,1-Dichloropropene	5.80	75	73237	21.246	ug/l	98
37) Ethyl Acetate	4.87	43	82663	22.272	ug/l	99
38) Carbon Tetrachloride	5.78	117	79867	21.113	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
 APPROVED

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 7/9/2018 12:56:53 PM

Quant Time: Jul 07 00:13:50 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)
39) Methylcyclohexane	7.46	83	82256	20.486	ug/l	98
40) Benzene	6.15	78	221507	22.116	ug/l	99
41) Methacrylonitrile	5.07	41	47793	22.362	ug/l	97
42) 1,2-Dichloroethane	6.20	62	84850	20.972	ug/l	98
43) Isopropyl Acetate	6.47	43	130899	21.029	ug/l	97
44) Trichloroethene	7.22	130	65160	21.821	ug/l	98
45) 1,2-Dichloropropane	7.52	63	58665	22.081	ug/l	98
46) Dibromomethane	7.67	93	39822	21.598	ug/l	94
47) Bromodichloromethane	7.90	83	73361	21.522	ug/l	98
48) Methyl methacrylate	7.78	41	65185	20.324	ug/l	94
49) 1,4-Dioxane	7.76	88	28058	449.643	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	430501	110.540	ug/l	98
52) Toluene	8.79	92	142383	22.191	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85973	22.271	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	77812	20.949	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59559	22.589	ug/l	99
56) Ethyl methacrylate	9.18	69	83189	21.589	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97123	22.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	186014	100.061	ug/l	97
59) 2-Hexanone	9.50	43	322531	108.968	ug/l	97
60) Dibromochloromethane	9.59	129	61443	22.137	ug/l	98
61) 1,2-Dibromoethane	9.68	107	61643	22.290	ug/l	99
64) Tetrachloroethene	9.34	164	75950	22.668	ug/l	98
65) Chlorobenzene	10.14	112	165174	21.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60249	21.670	ug/l	98
67) Ethyl Benzene	10.26	91	266900	21.111	ug/l	99
68) m/p-Xylenes	10.36	106	210596	43.220	ug/l	97
69) o-Xylene	10.70	106	101466	21.386	ug/l	98
70) Styrene	10.71	104	169311	21.962	ug/l	98
71) Bromoform	10.86	173	47262	21.249	ug/l	98
73) Isopropylbenzene	11.02	105	276327	21.979	ug/l	99
74) N-amyl acetate	6.47	43	130899	21.279	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	86711	22.390	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84509m	24.964	ug/l	
77) Bromobenzene	11.26	156	79194	22.119	ug/l	96
78) n-propylbenzene	11.36	91	307429	21.482	ug/l	98
79) 2-Chlorotoluene	11.42	91	186952	21.578	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	232692	21.975	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19682	19.097	ug/l	91
82) 4-Chlorotoluene	11.51	91	217168	21.172	ug/l	99
83) tert-Butylbenzene	11.77	119	226846	21.737	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	237077	21.609	ug/l	98
85) sec-Butylbenzene	11.95	105	269224	21.265	ug/l	99
86) p-Isopropyltoluene	12.07	119	243040	21.353	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140306	21.456	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142236	21.137	ug/l	100
89) n-Butylbenzene	12.39	91	196064	19.791	ug/l	99
90) Hexachloroethane	12.60	117	33056	19.525	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144521	21.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17551	20.159	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Manual Integrations
APPROVED

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7/9/2018 12:56:53 PM

Quant Time: Jul 07 00:13:50 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)
93) 1,2,4-Trichlorobenzene	13.65	180	99799	20.777	ug/l	99
94) Hexachlorobutadiene	13.79	225	49422	20.630	ug/l	99
95) Naphthalene	13.83	128	282616	22.091	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105489	21.987	ug/l	99

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

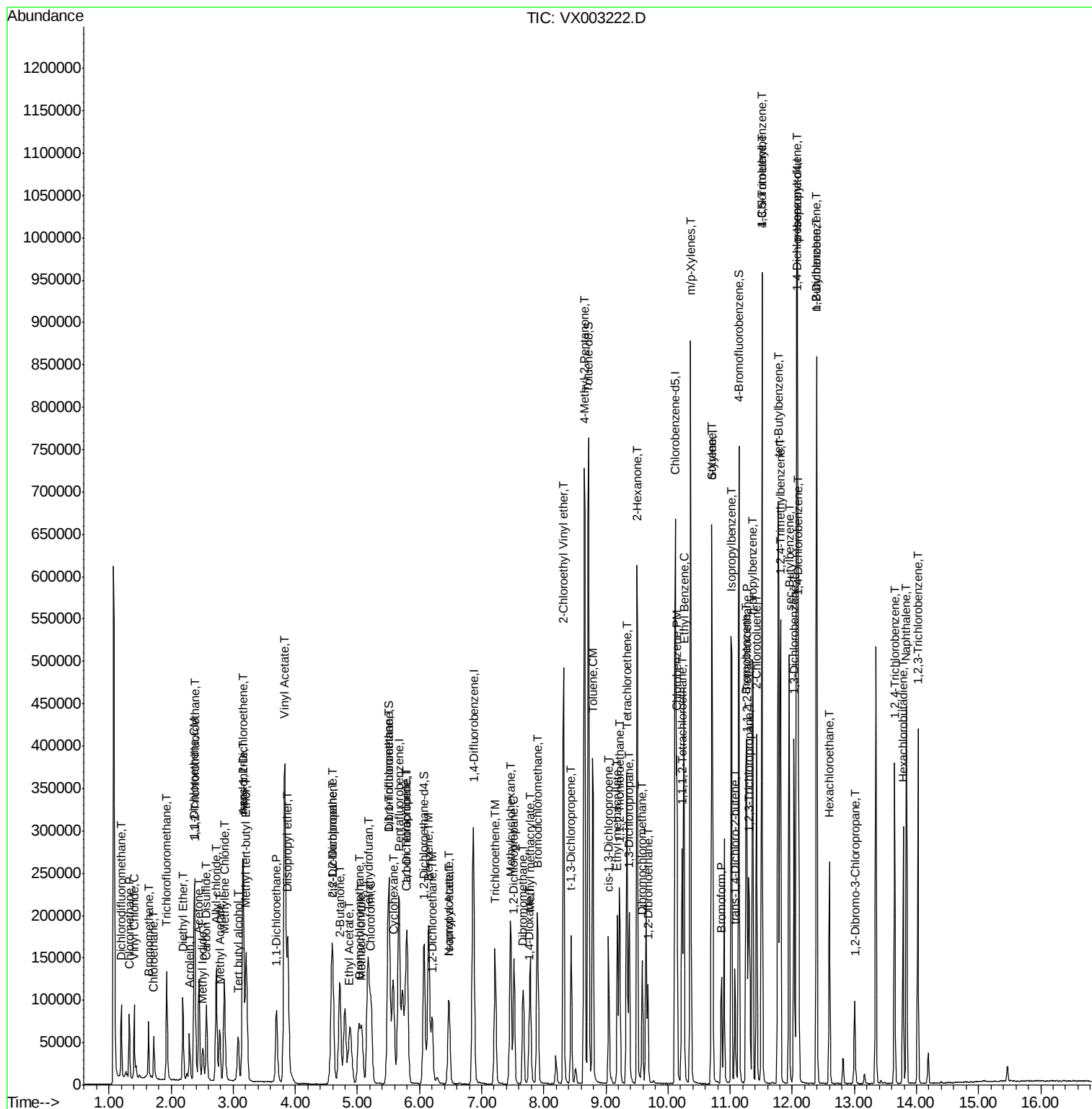
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Data File : VX003222.D
Acq On : 06 Jul 2018 19:46
Operator : JC/MD
Sample : VX0706WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

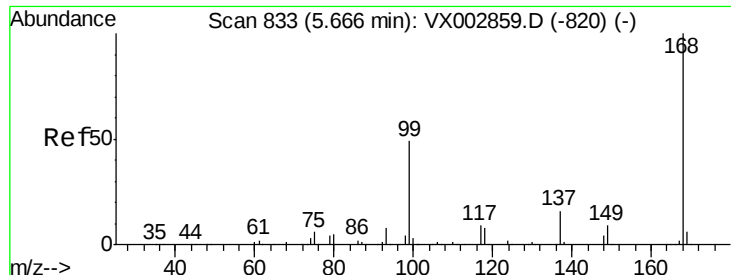
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Manual Integrations APPROVED

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7/9/2018 12:56:53 PM

Quant Time: Jul 07 00:13:50 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion:168 Resp: 229506

Ion Ratio Lower Upper

168 100

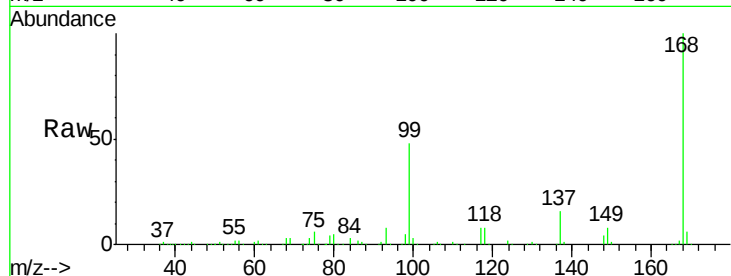
99 47.6 39.3 58.9

Manual Integrations

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7/9/2018 12:56:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

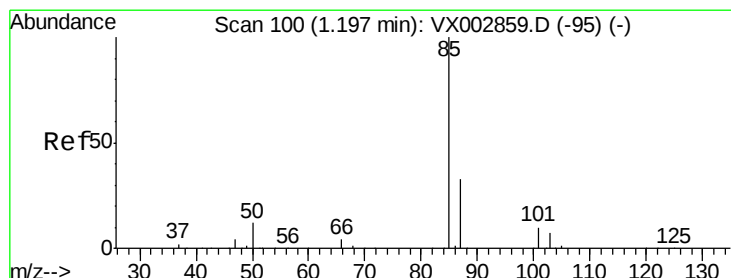
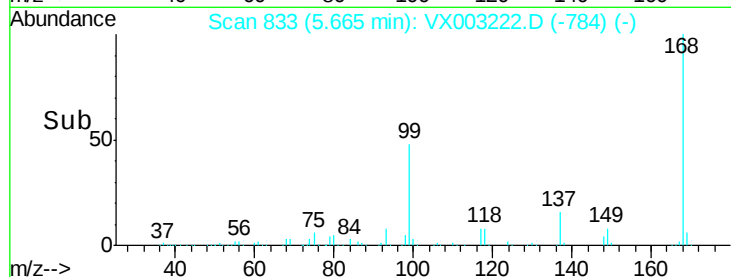
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.276 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003222.D

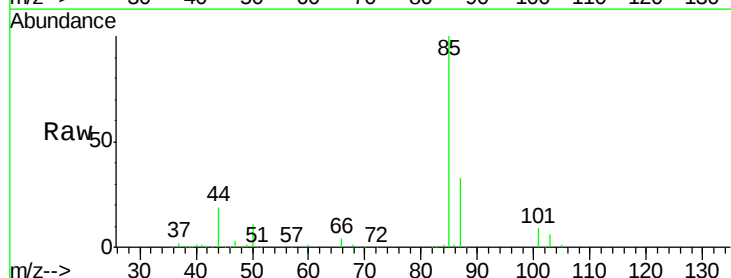
Acq: 06 Jul 2018 19:46

Tgt Ion: 85 Resp: 45986

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

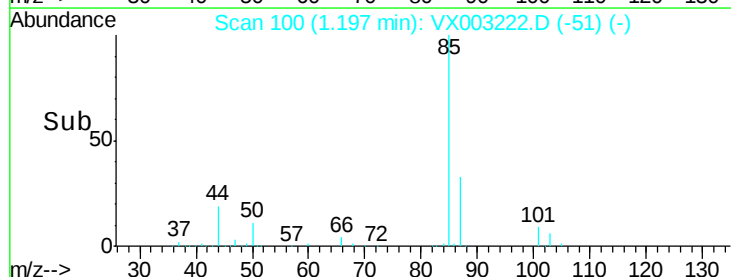
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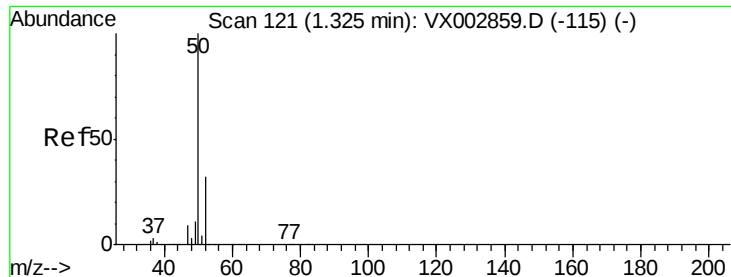
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.843 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 50 Resp: 47903

Ion Ratio Lower Upper

50 100

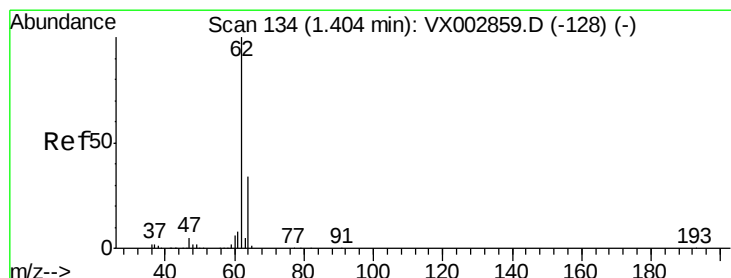
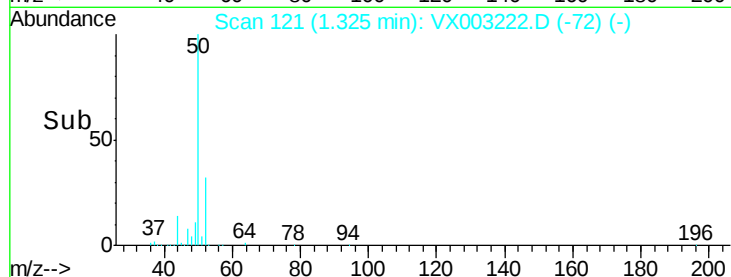
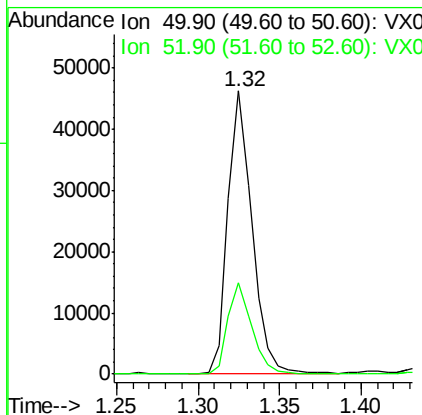
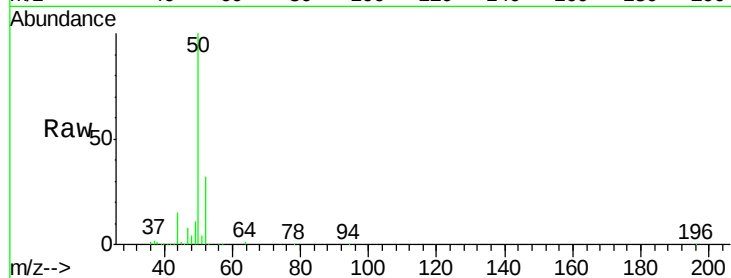
52 32.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.954 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003222.D

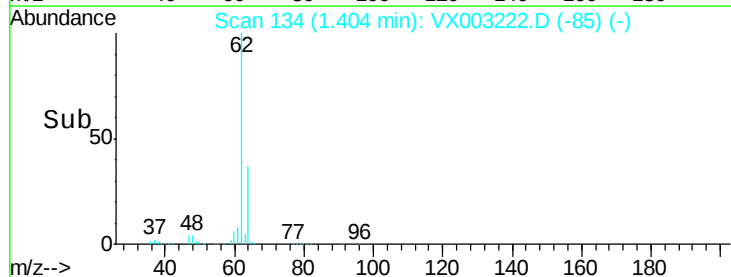
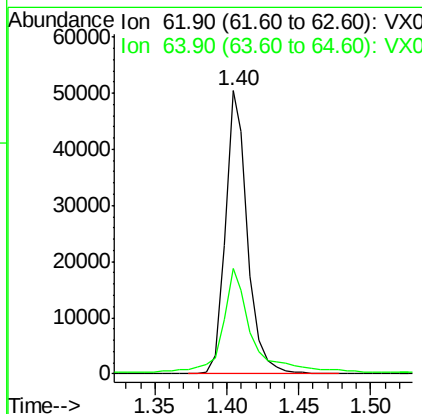
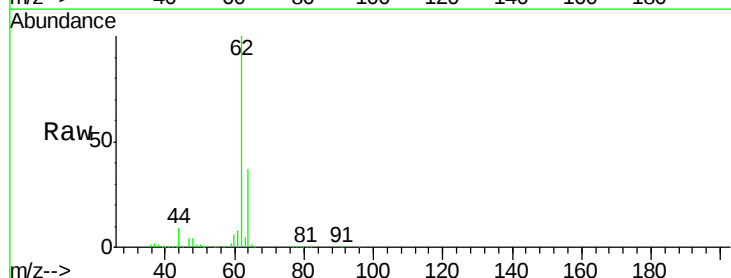
Acq: 06 Jul 2018 19:46

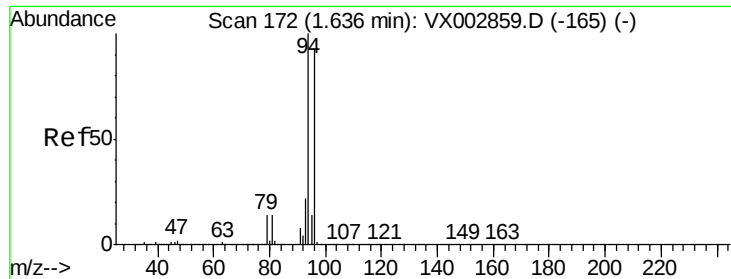
Tgt Ion: 62 Resp: 54385

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2





#5

Bromomethane

Concen: 18.081 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 94 Resp: 24010

Ion Ratio Lower Upper

94 100

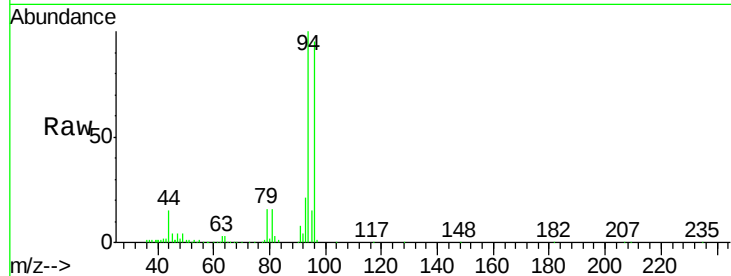
96 95.4 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

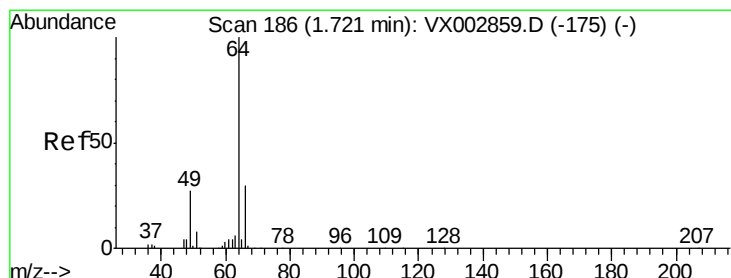
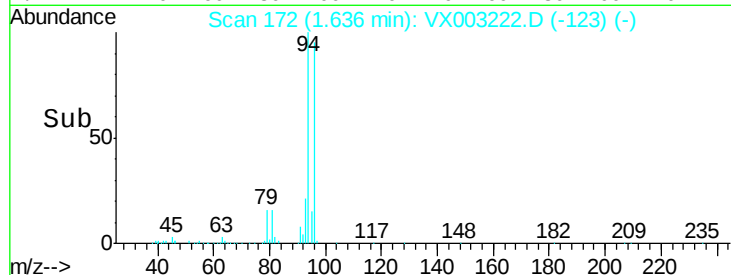
10000

5000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 20.926 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003222.D

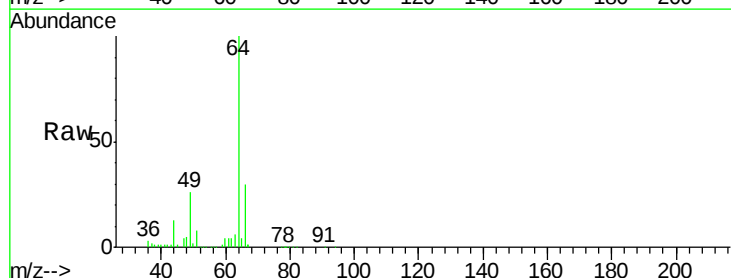
Acq: 06 Jul 2018 19:46

Tgt Ion: 64 Resp: 33742

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

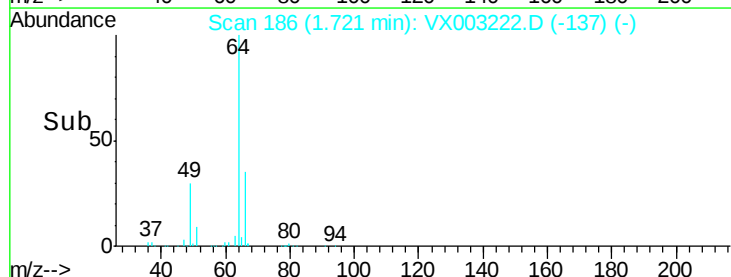
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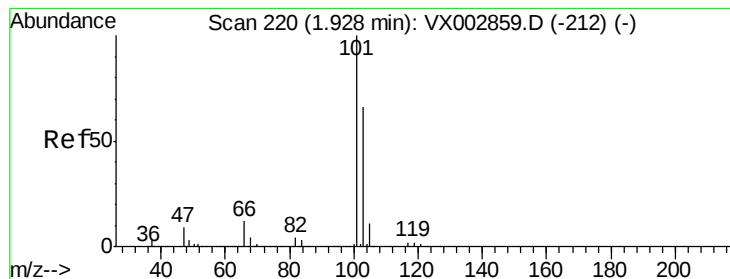
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0

Time-->

1.65 1.70 1.75 1.80





#7

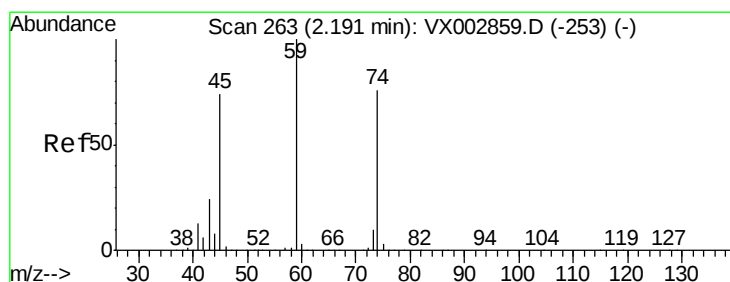
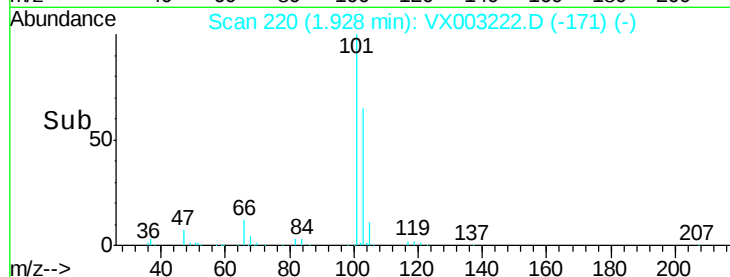
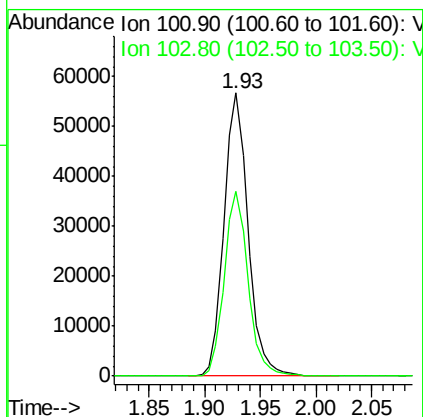
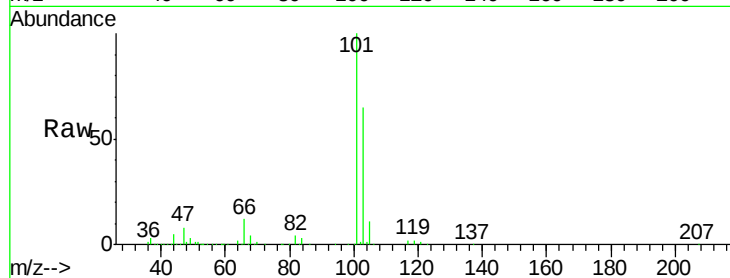
Trichlorofluoromethane
 Concen: 19.393 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.8	79.2

Manual Integrations
 APPROVED

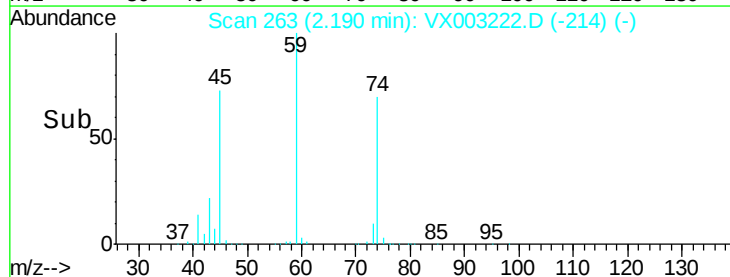
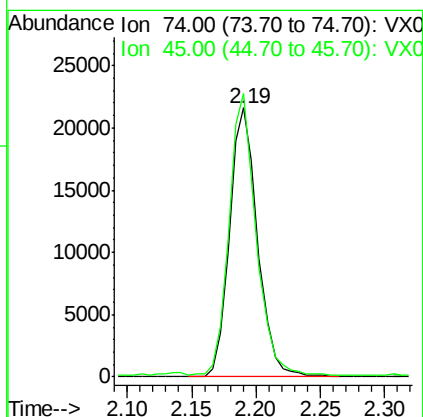
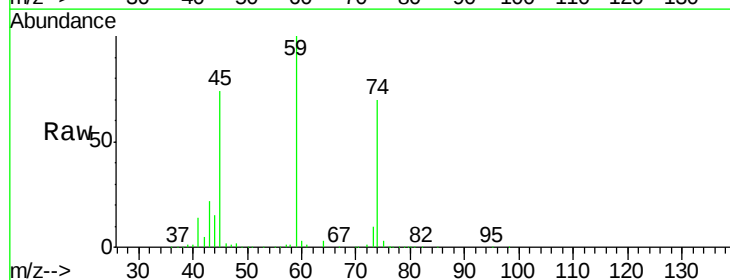
MMDadoda
 7/9/2018 12:56:53 PM



#8

Diethyl Ether
 Concen: 20.564 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.060 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

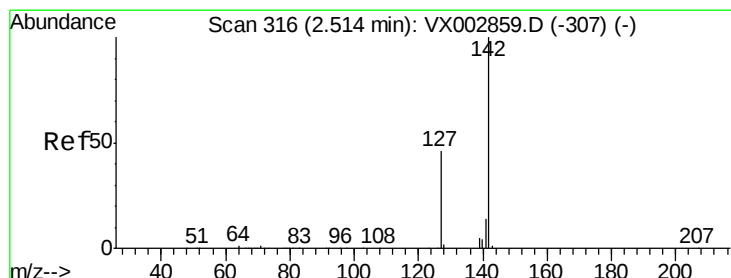
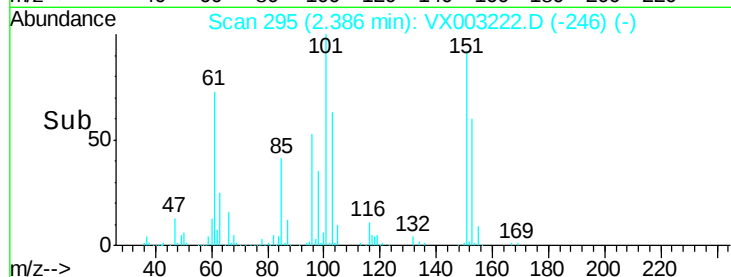
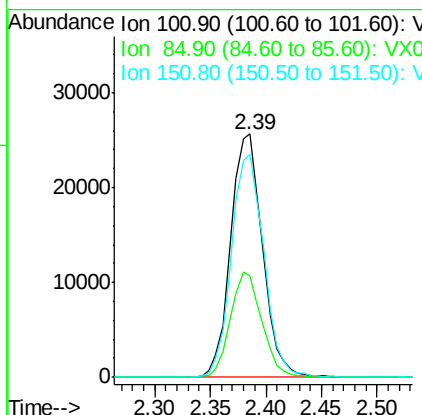
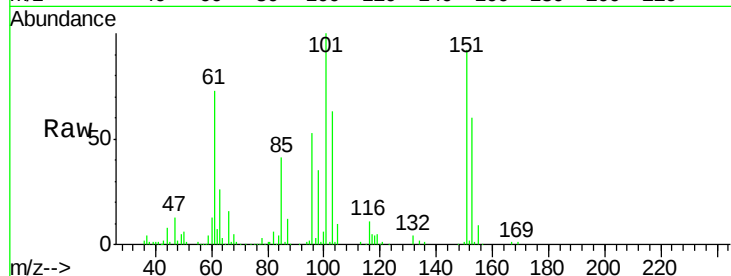
ClientSampleId :

VX0706WBS01

Tot Ion:	101	Resp:	50889
Ion Ratio	Lower	Upper	
101	100		
85	42.7	36.0	54.0
151	93.7	70.9	106.3

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#10

Methyl Iodide

Concen: 19.970 ug/l

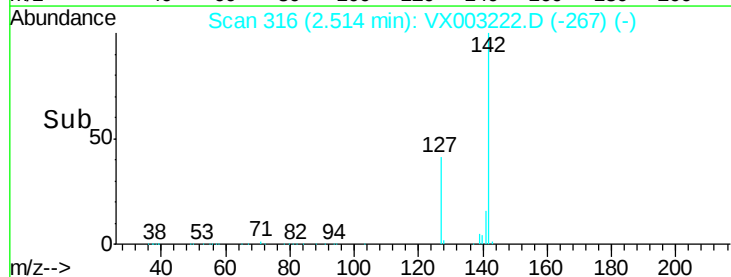
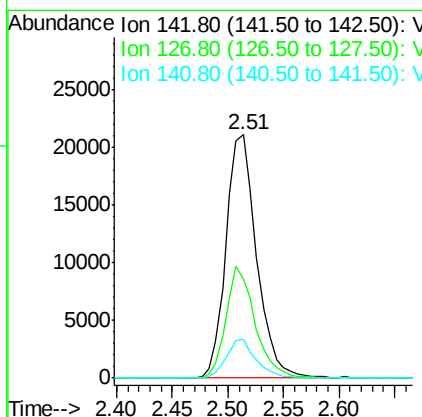
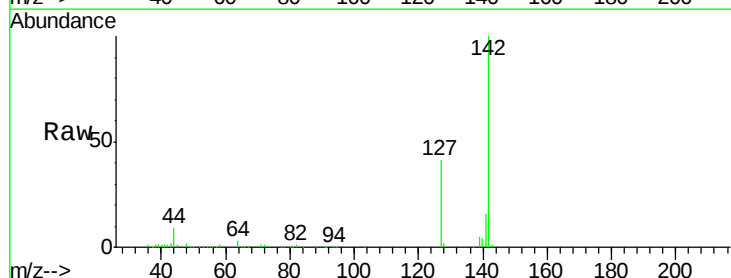
RT: 2.51 min Scan# 316

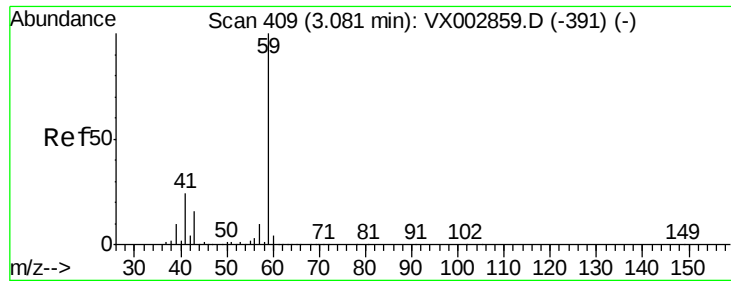
Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	142	Resp:	40388
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.6	55.0
141	15.3	11.3	16.9





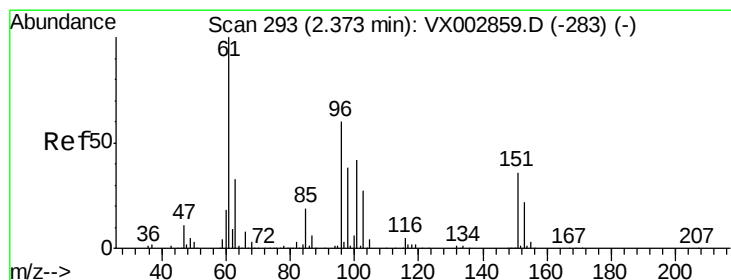
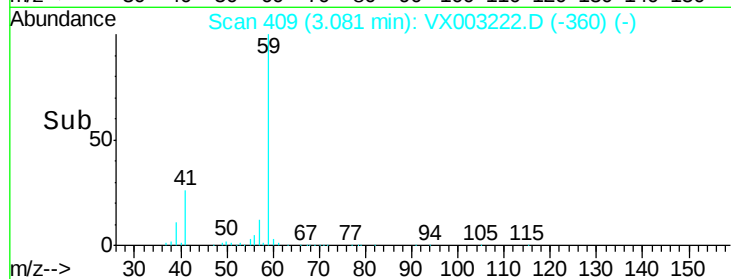
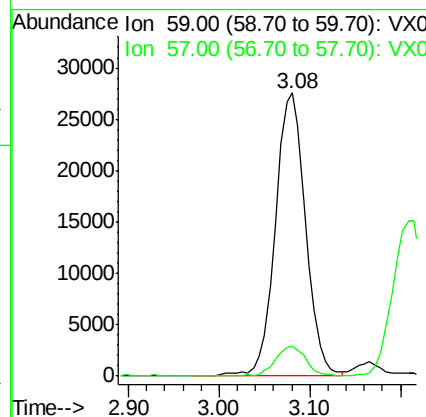
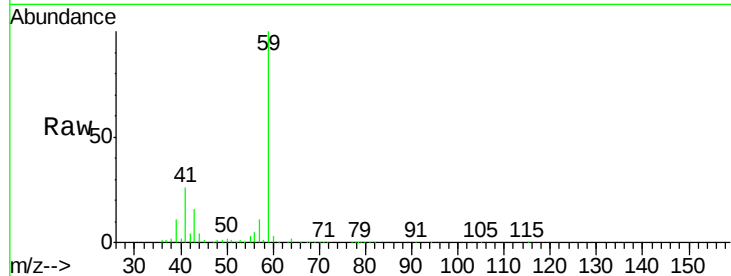
#11
Tert butyl alcohol
Concen: 100.516 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion: 59 Resp: 63520
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

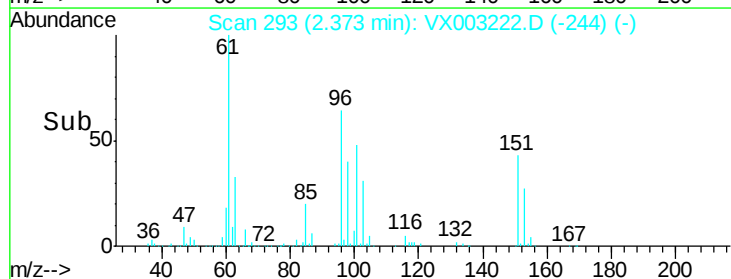
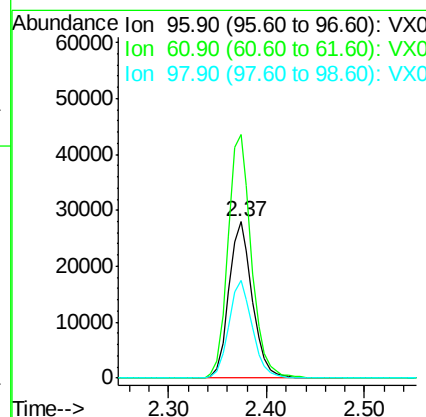
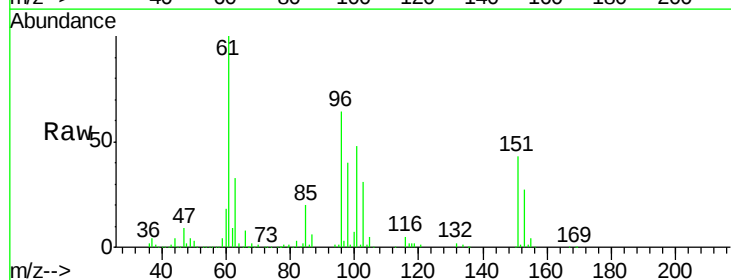
Manual Integrations
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MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.468 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 96 Resp: 46328
Ion Ratio Lower Upper
96 100
61 155.6 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 115.470 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 56 Resp: 39643

Ion Ratio Lower Upper

56 100

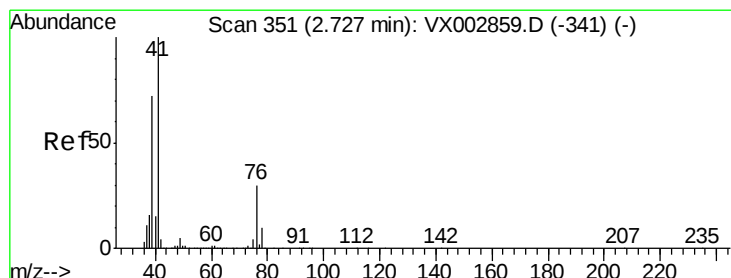
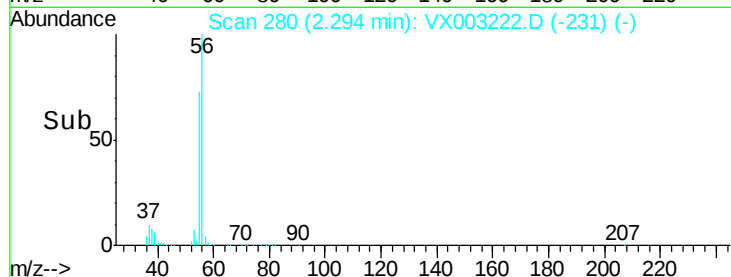
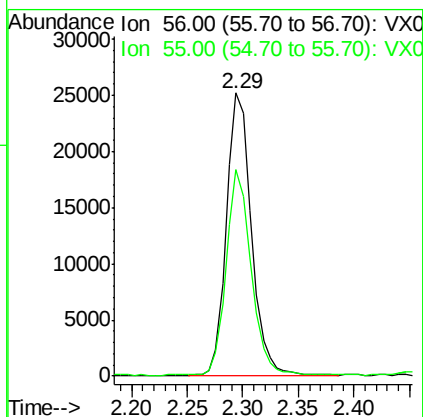
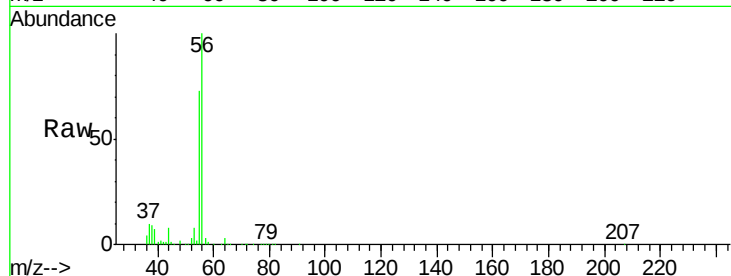
55 71.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.093 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

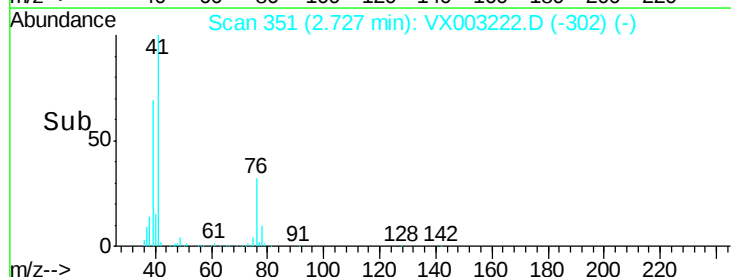
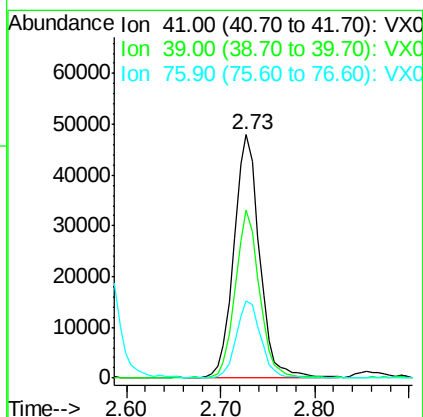
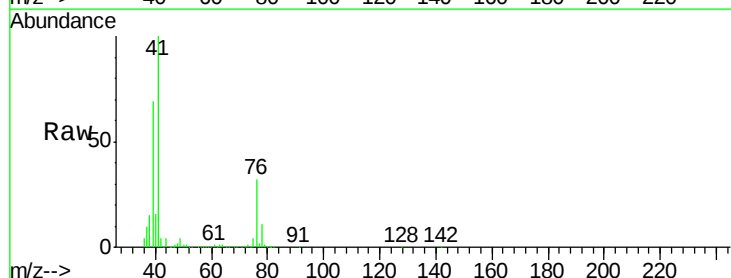
Tgt Ion: 41 Resp: 89650

Ion Ratio Lower Upper

41 100

39 65.4 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 106.253 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

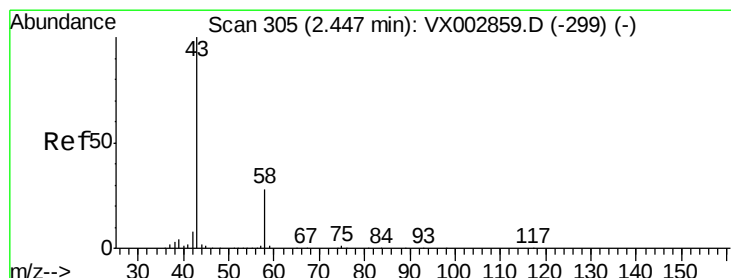
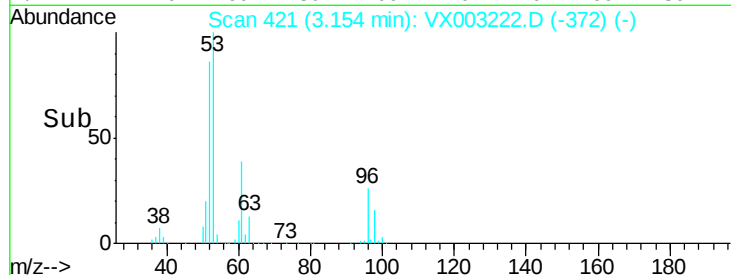
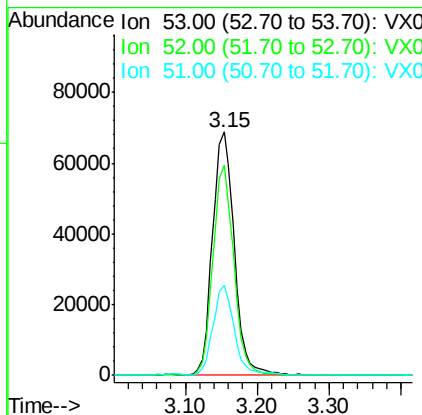
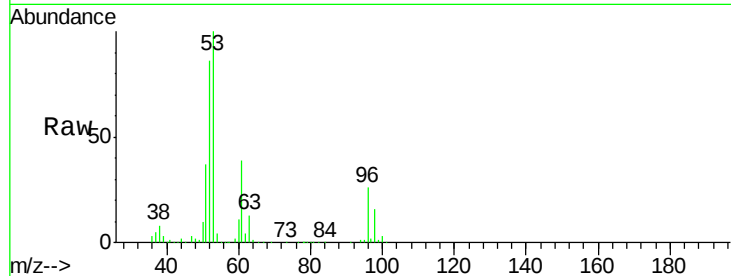
ClientSampled :

VX0706WBS01

Tot Ion:	53	Resp:	143419
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	36.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 97.563 ug/l

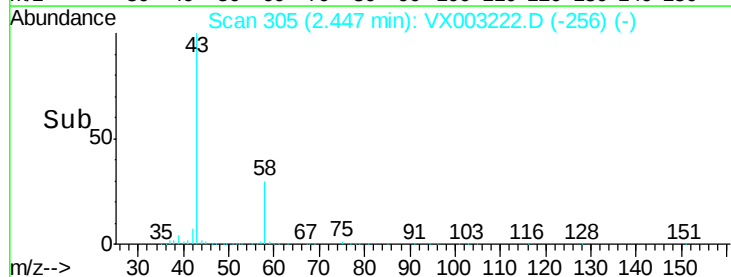
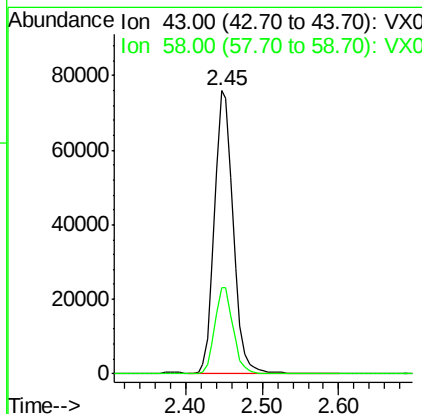
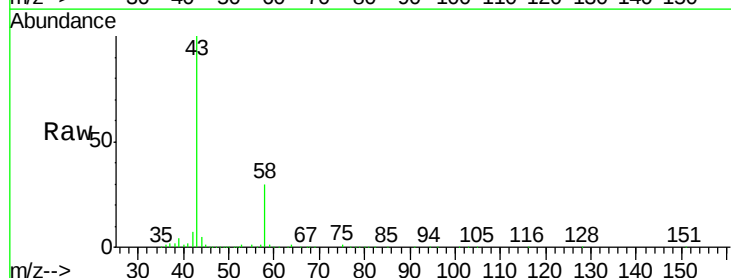
RT: 2.45 min Scan# 305

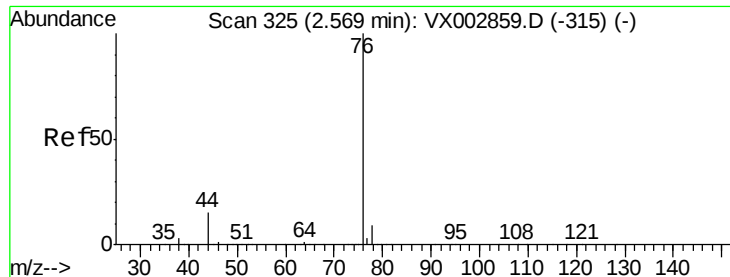
Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	43	Resp:	128170
Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.1	33.1





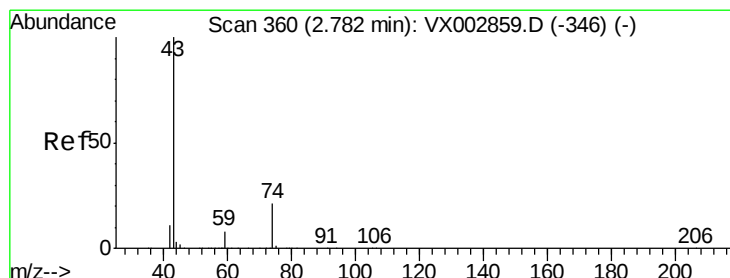
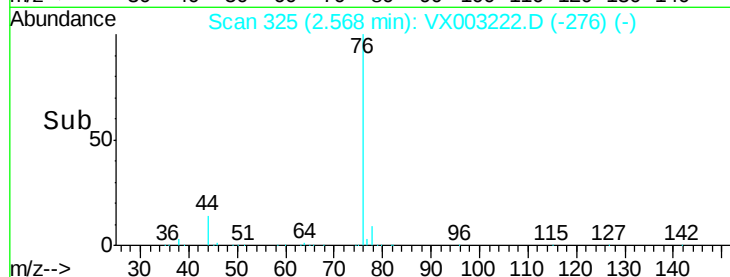
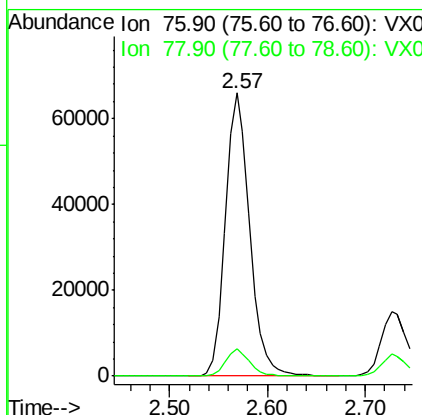
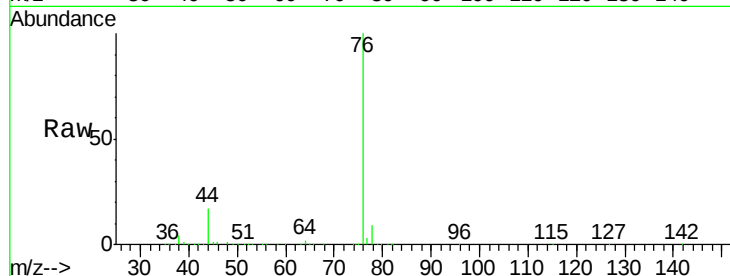
#17
Carbon Disulfide
Concen: 18.834 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

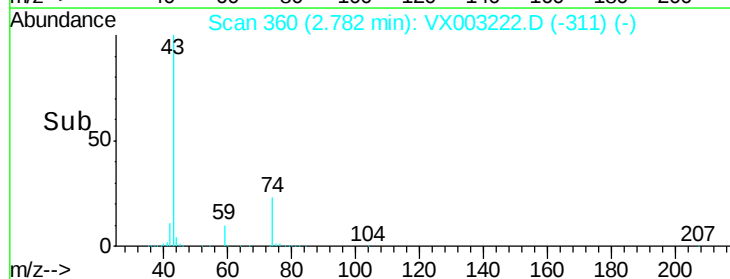
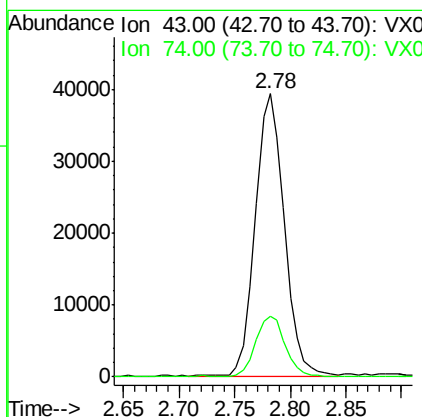
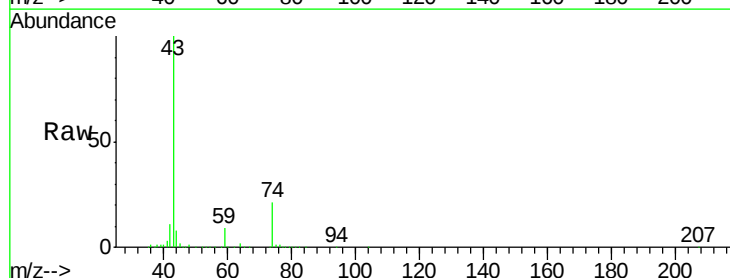
Manual Integrations
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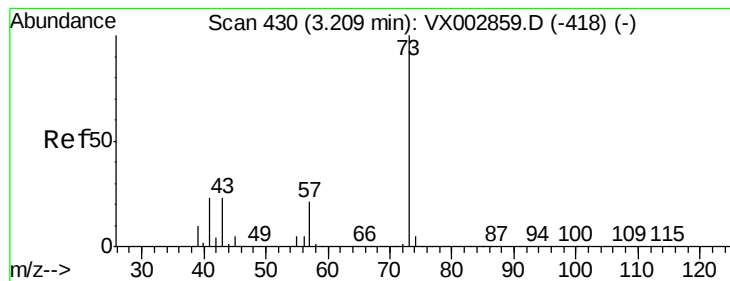
MMDadoda
7/9/2018 12:56:53 PM



#18
Methyl Acetate
Concen: 19.445 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.7	25.1





#19

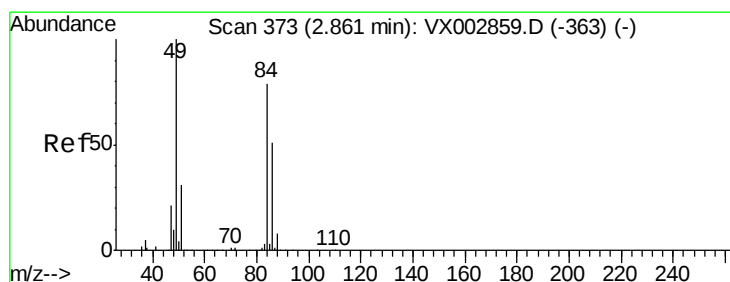
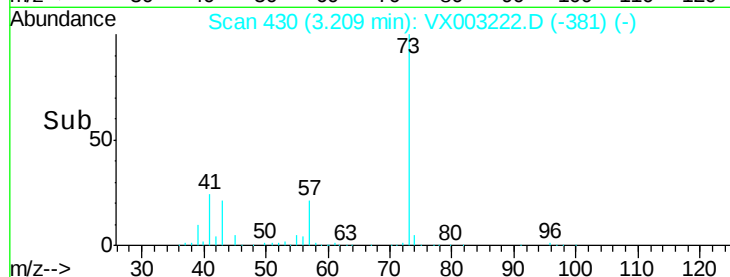
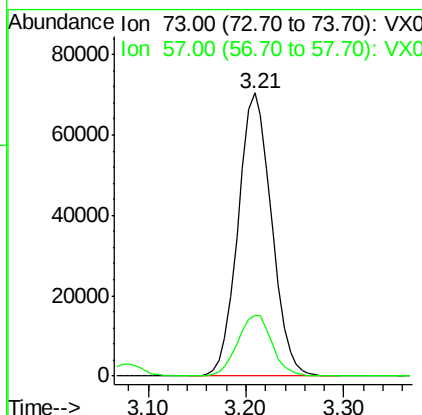
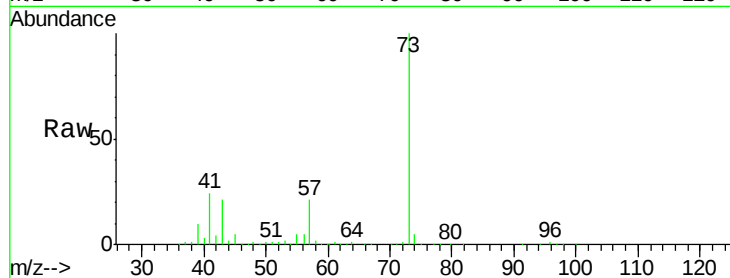
Methyl tert-butyl Ether
 Concen: 20.564 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

Manual Integrations
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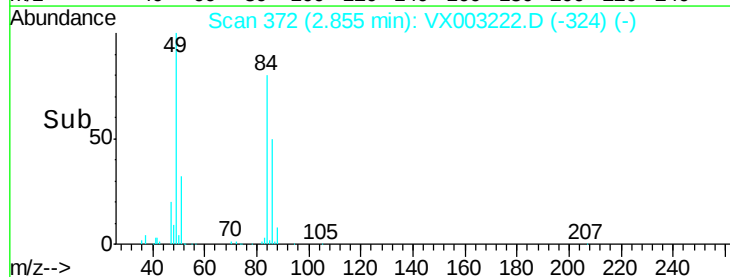
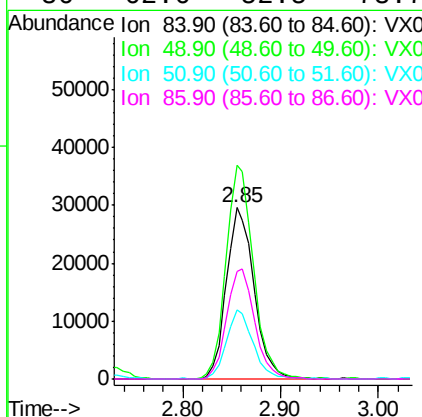
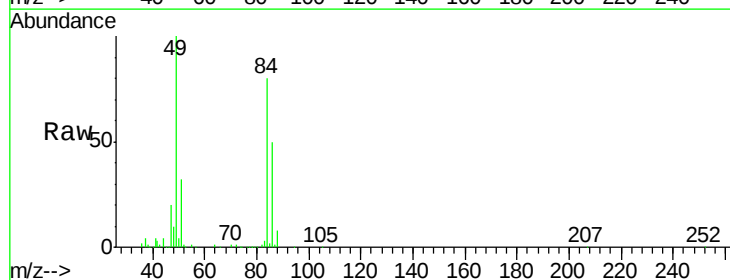
MMDadoda
 7/9/2018 12:56:53 PM

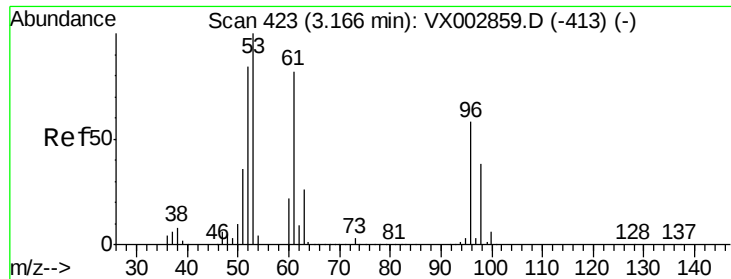


#20

Methylene Chloride
 Concen: 22.756 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	107.8	161.6
51	40.1	32.8	49.2
86	62.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.649 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 96 Resp: 48440

Ion Ratio Lower Upper

96 100

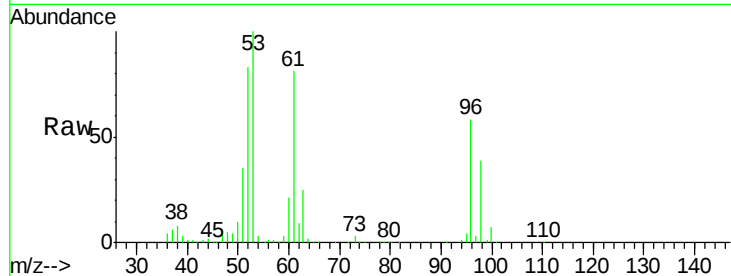
61 138.9 117.0 175.4

98 67.3 52.4 78.6

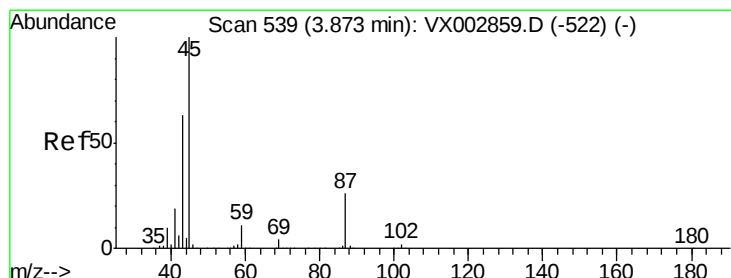
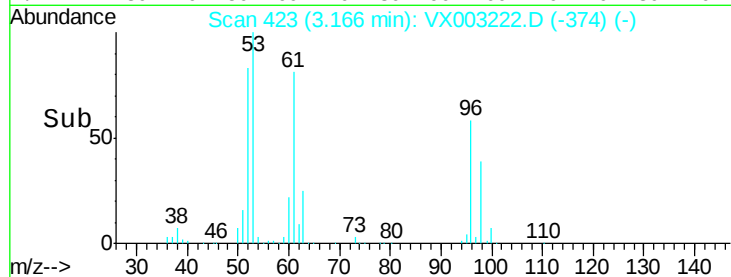
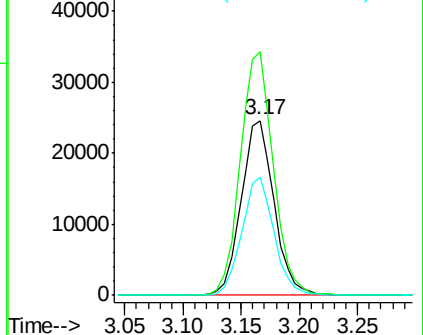
Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.760 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion: 45 Resp: 185586

Ion Ratio Lower Upper

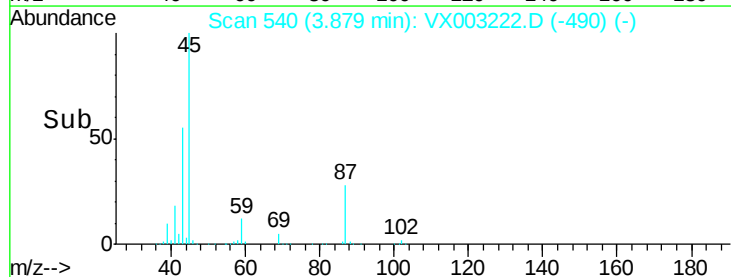
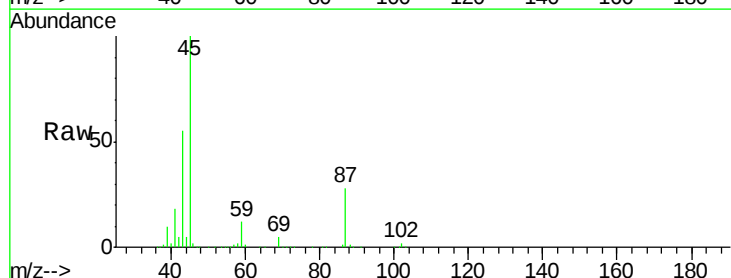
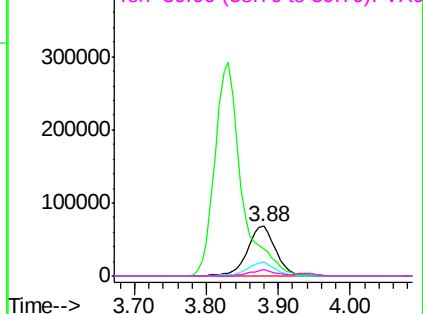
45 100

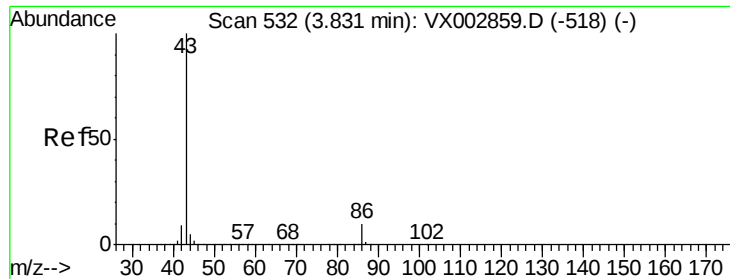
43 54.5 46.8 70.2

87 27.7 20.2 30.4

59 11.8 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: 104.263 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 43 Resp: 752964

Ion Ratio Lower Upper

43 100

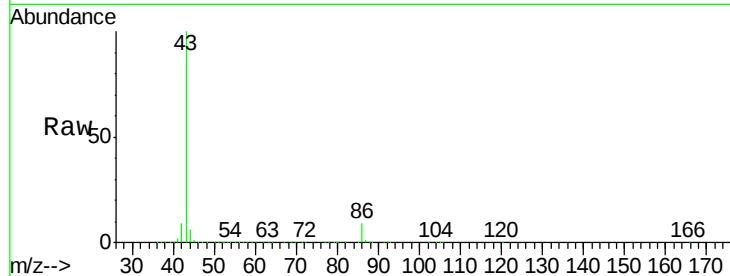
86 9.4 7.4 11.0

Manual Integrations

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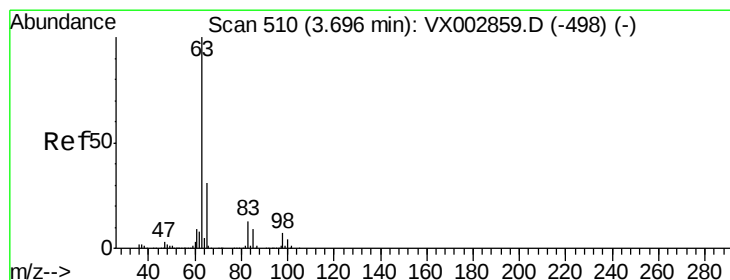
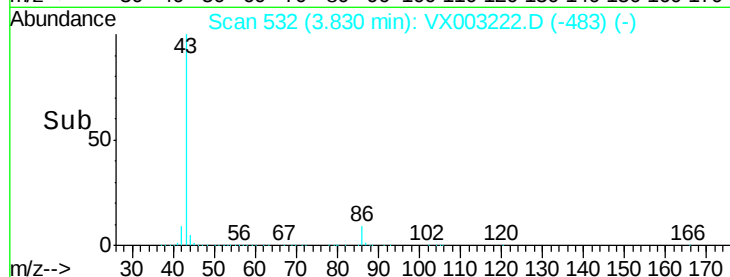
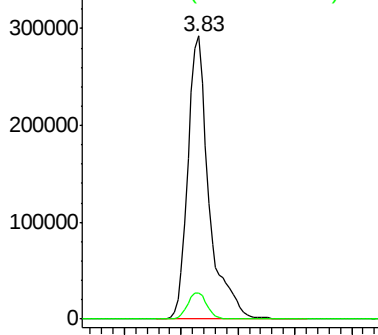
MMDadoda

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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: 20.517 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

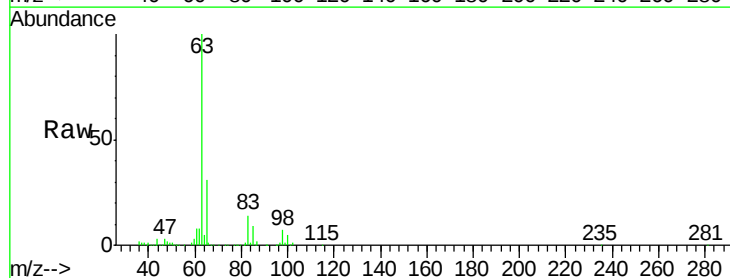
Tgt Ion: 63 Resp: 95107

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

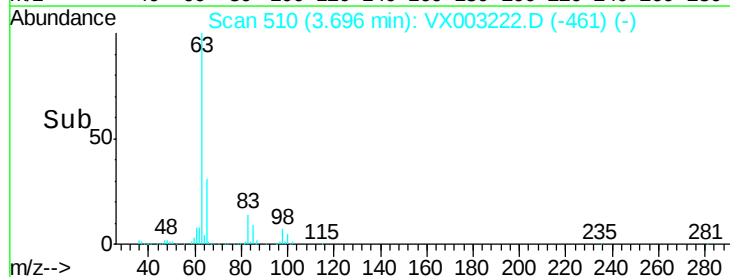
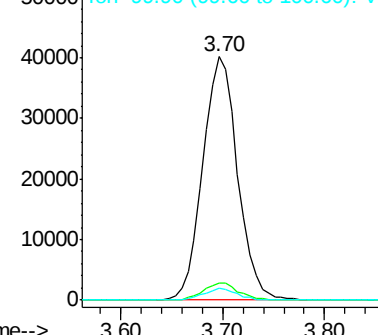
100 5.0 2.0 6.0

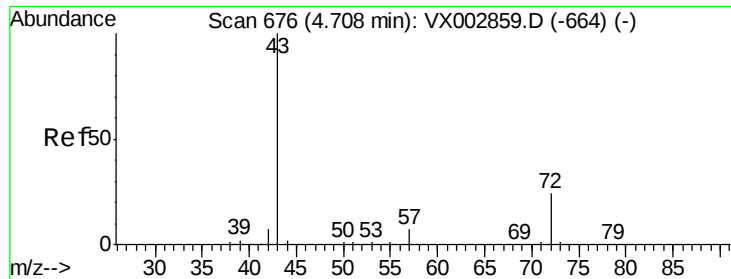


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.488 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 43 Resp: 215416

Ion Ratio Lower Upper

43 100

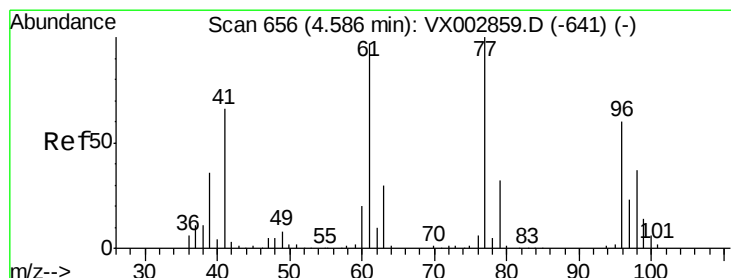
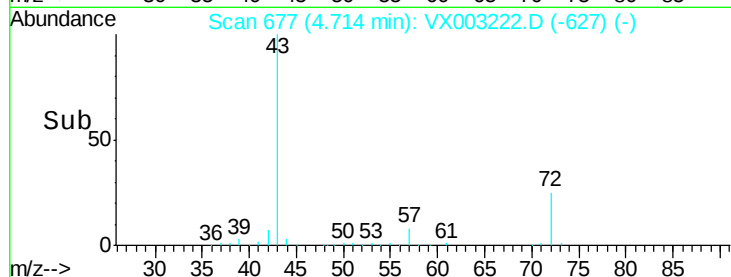
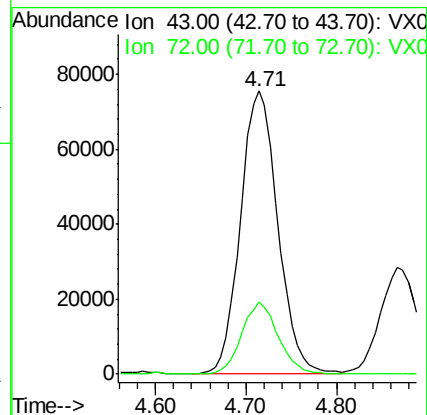
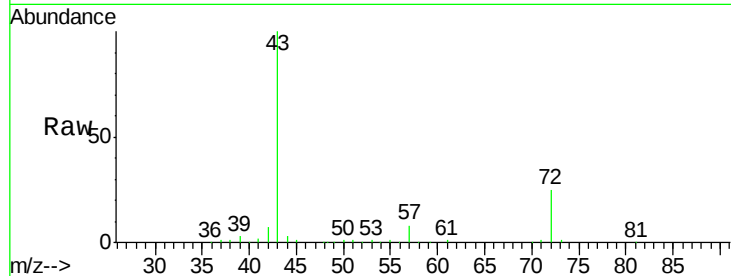
72 25.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.876 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003222.D

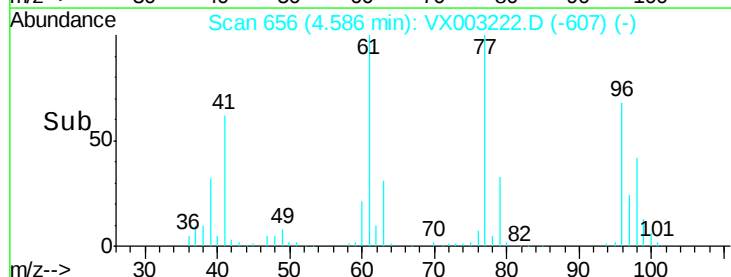
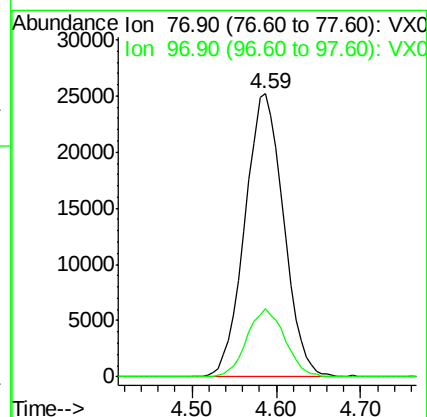
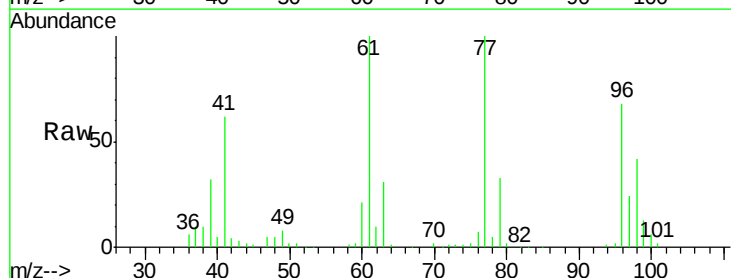
Acq: 06 Jul 2018 19:46

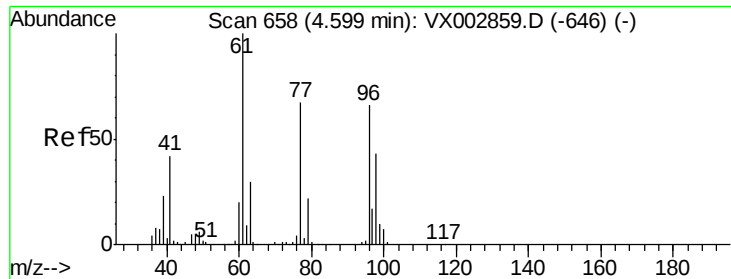
Tgt Ion: 77 Resp: 78688

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5





#27

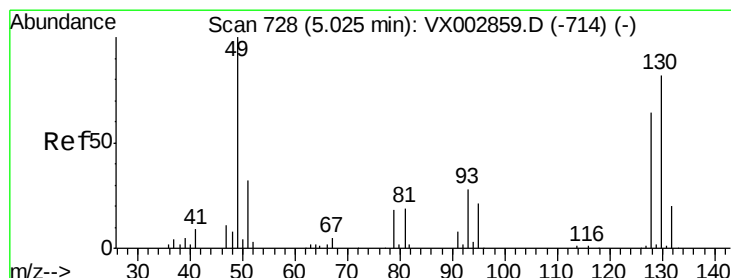
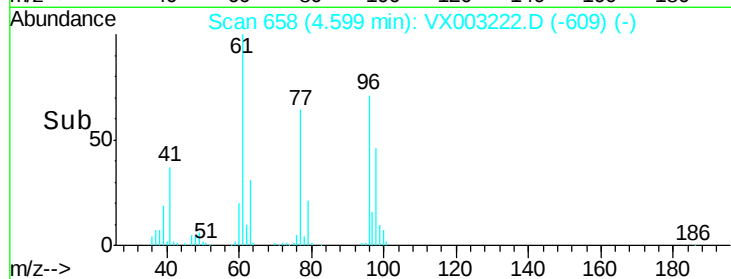
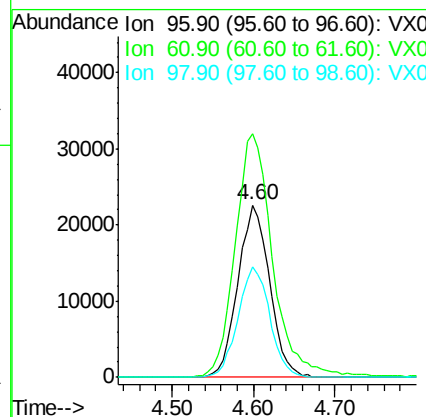
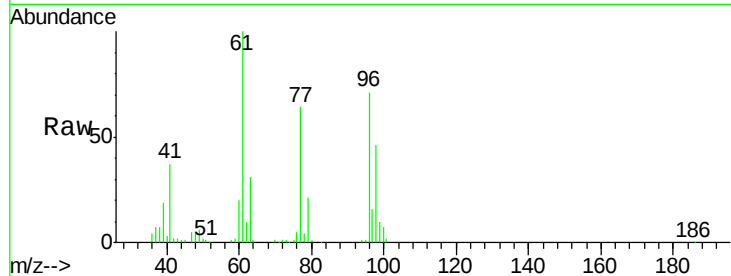
cis-1,2-Dichloroethene
Concen: 22.044 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	330.2
98	64.4	0.0	130.2

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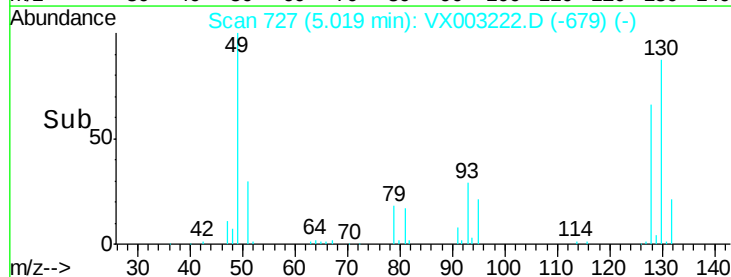
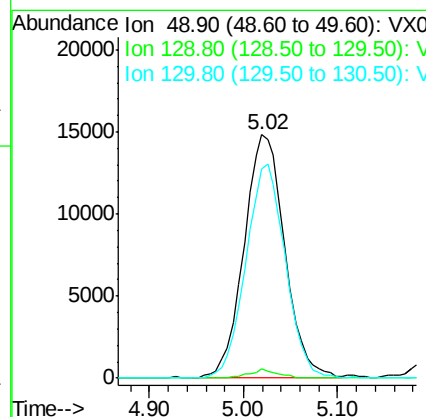
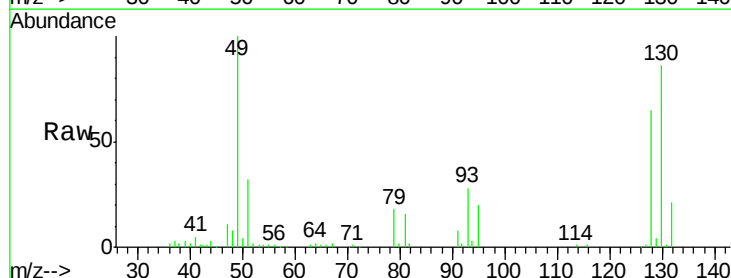
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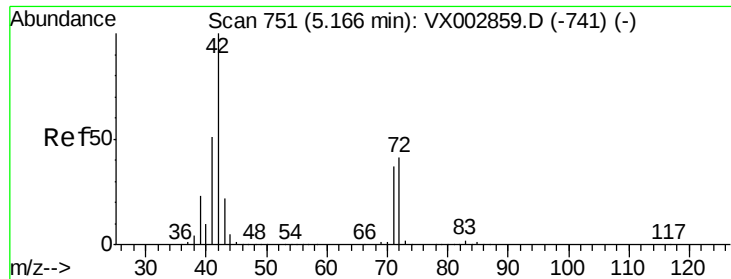


#28

Bromochloromethane
Concen: 20.242 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	85.3	61.2	91.8





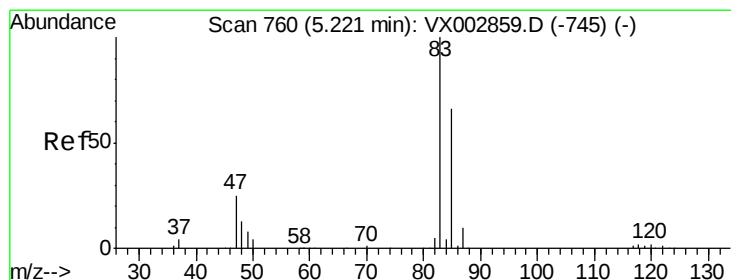
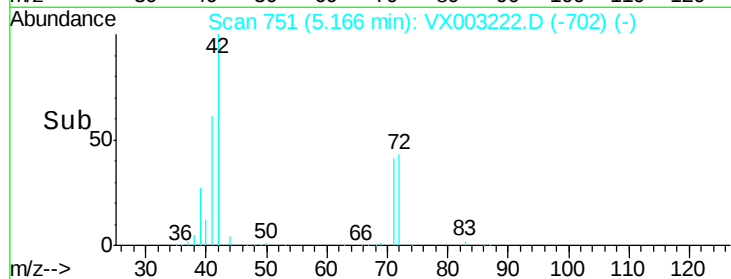
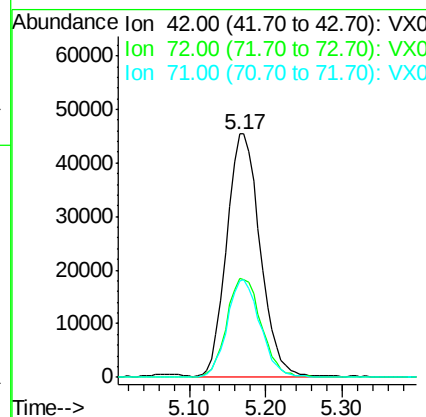
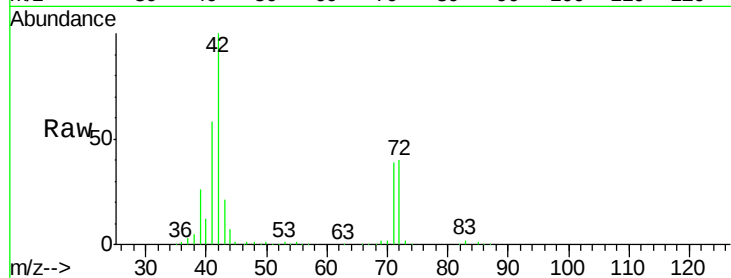
#29
Tetrahydrofuran
Concen: 109.576 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	39.7	30.1	45.1

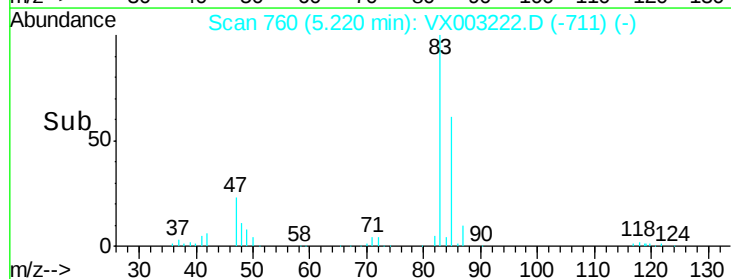
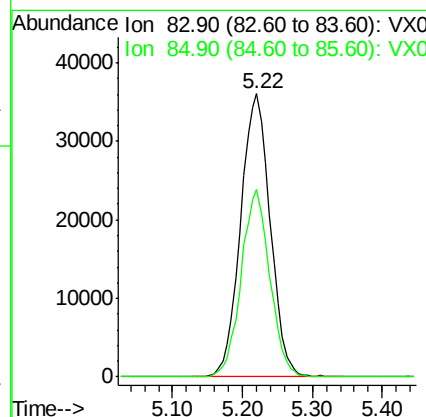
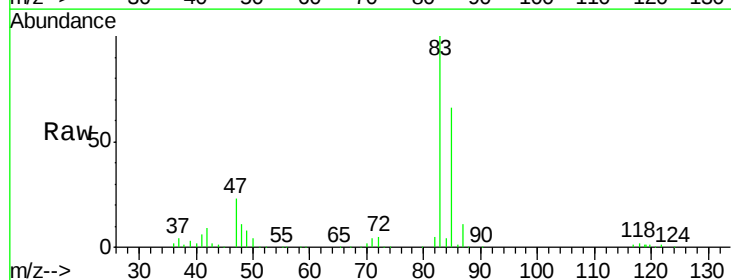
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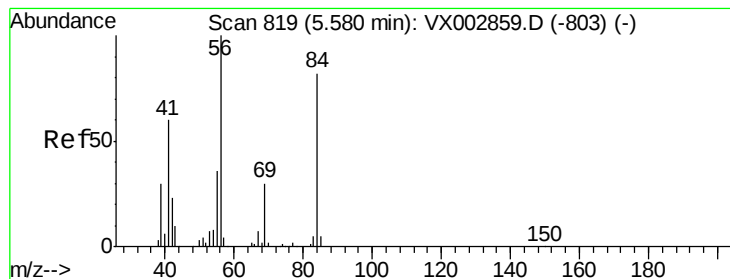
MMDadoda
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#30
Chloroform
Concen: 22.260 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.4	75.6





#31

Cyclohexane

Concen: 20.684 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

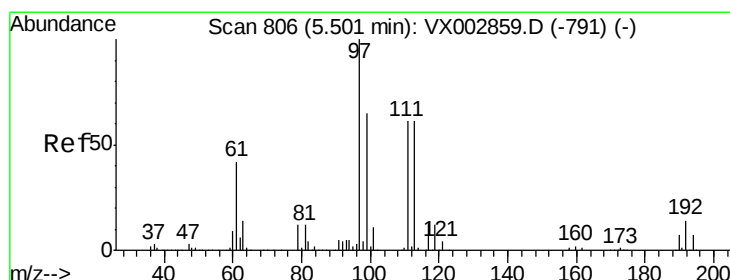
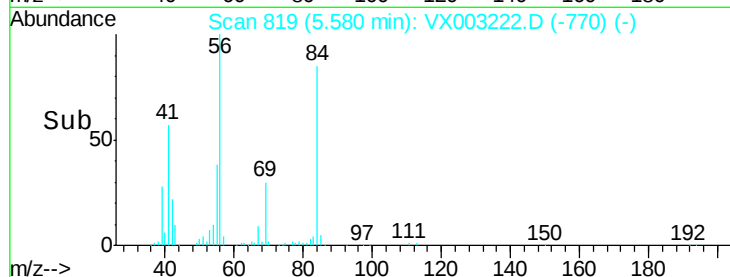
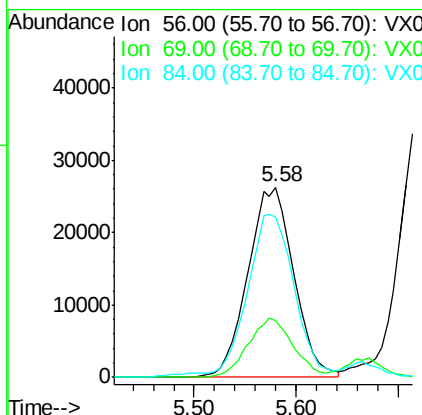
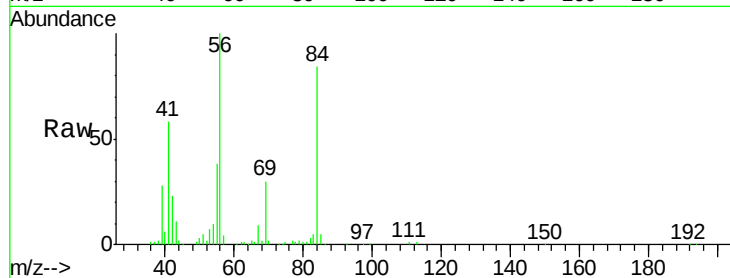
ClientSampleId :

VX0706WBS01

Tot Ion:	56	Resp:	82284
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	82.3	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 21.572 ug/l

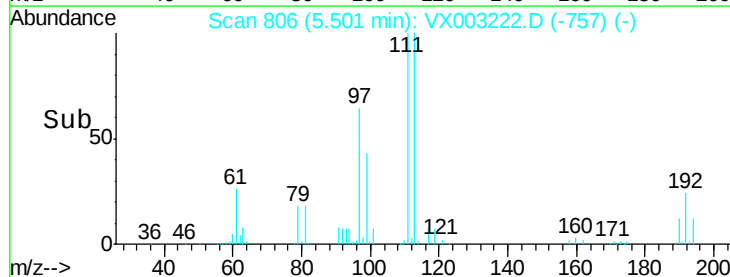
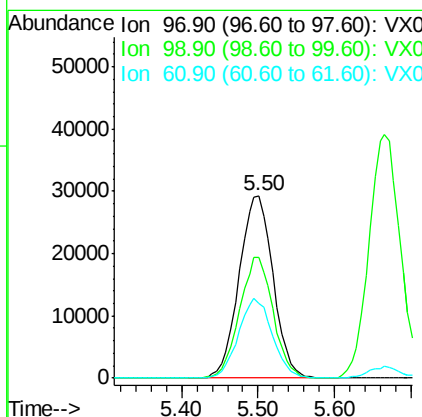
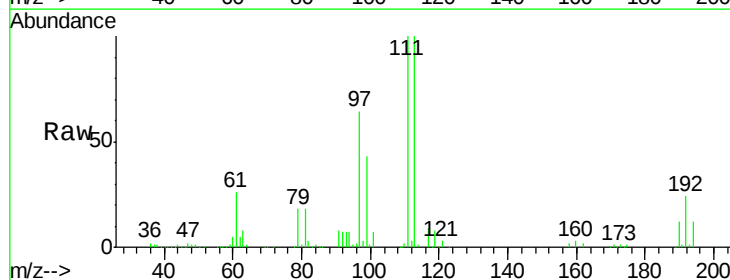
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	97	Resp:	90291
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	43.7	36.4	54.6





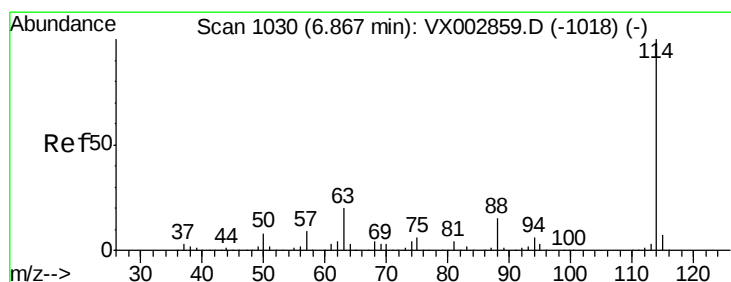
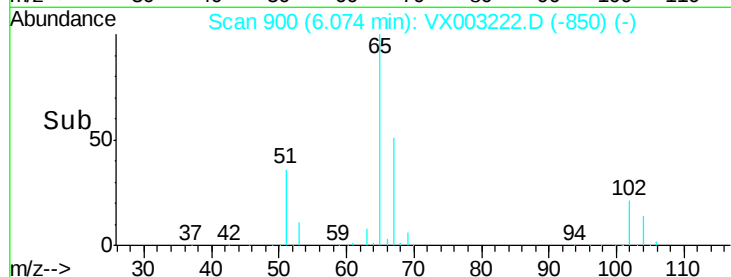
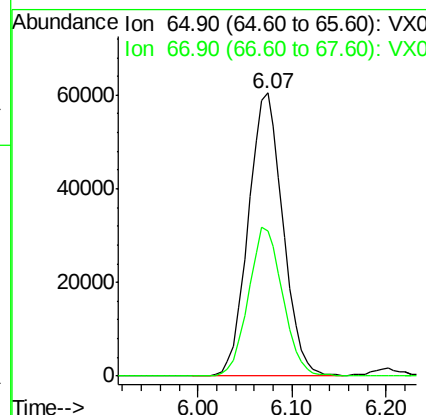
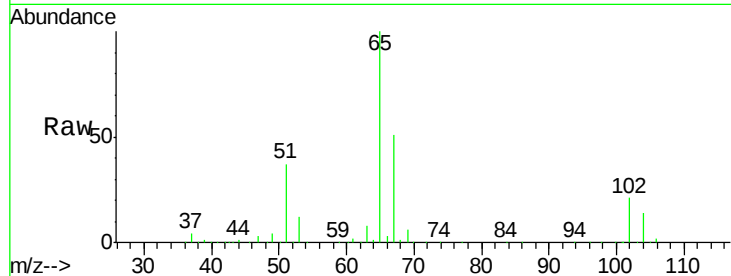
#33
 1,2-Dichloroethane-d4
 Concen: 49.044 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155579		
67	52.2	0.0	102.6	

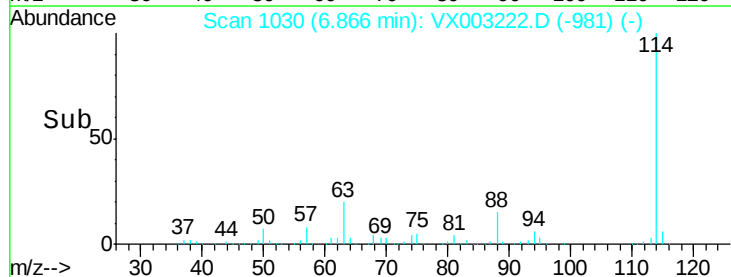
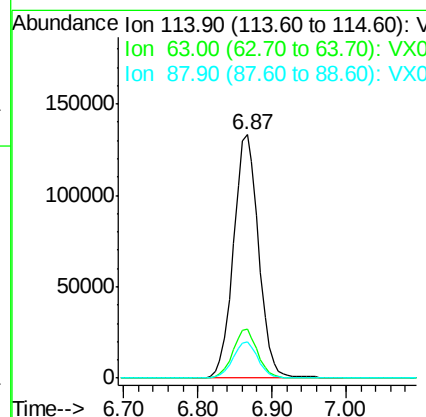
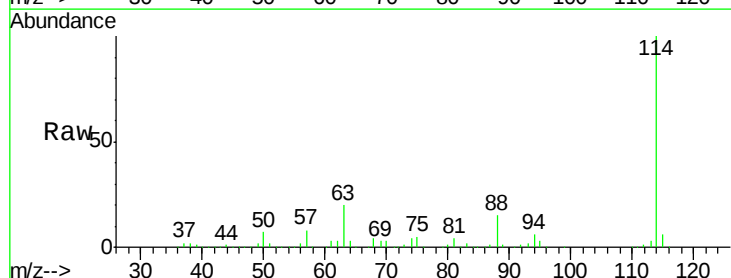
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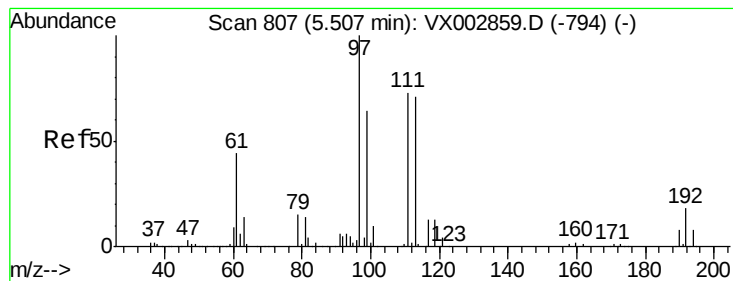
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	314338		
63	20.0	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 54.149 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

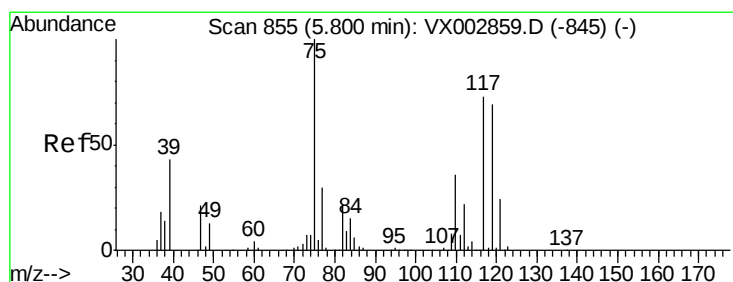
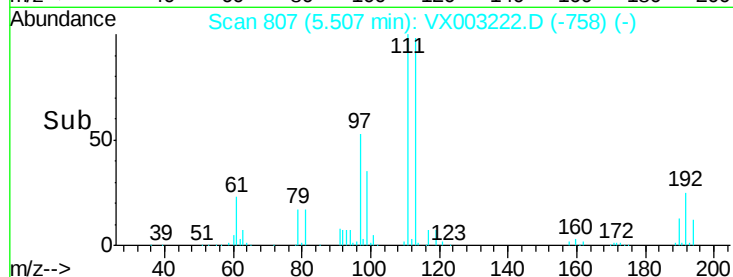
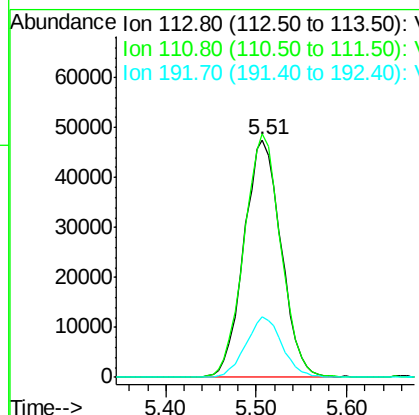
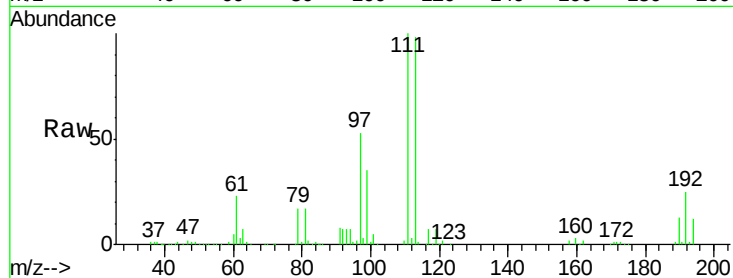
ClientSampled :

VX0706WBS01

Tot Ion:	113	Resp:	134791
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	24.9	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 21.246 ug/l

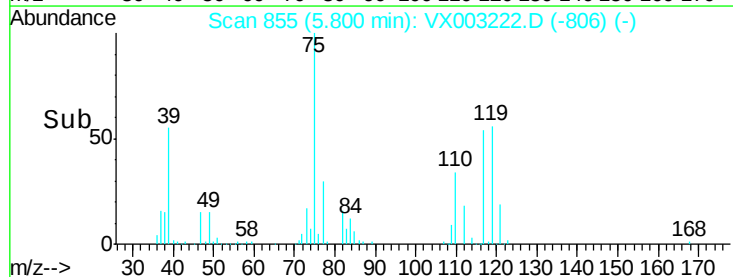
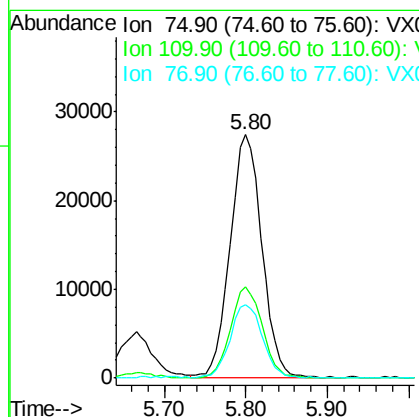
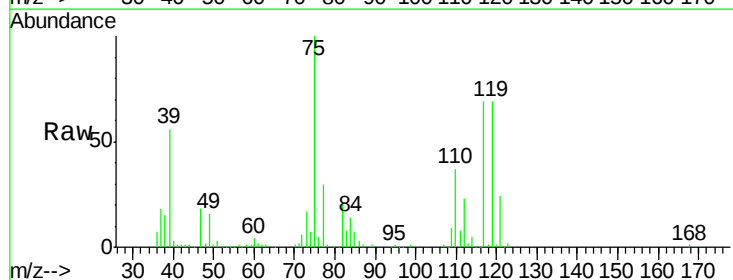
RT: 5.80 min Scan# 855

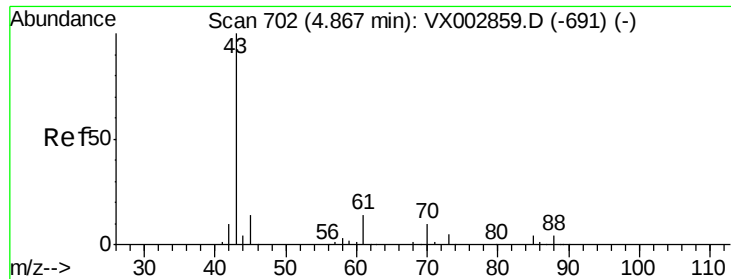
Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	75	Resp:	73237
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.1	54.4
77	30.2	24.3	36.5





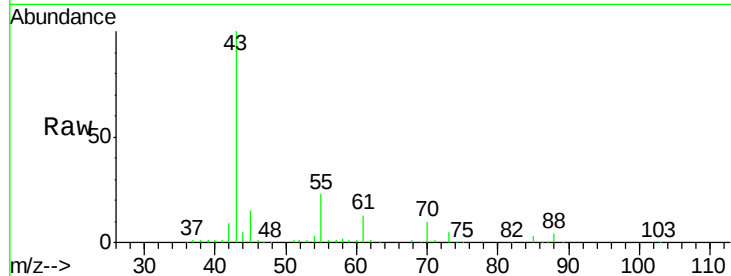
#37
Ethyl Acetate
Concen: 22.272 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.4	7.6	11.4

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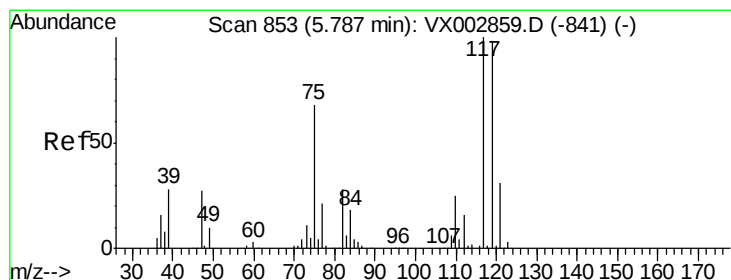
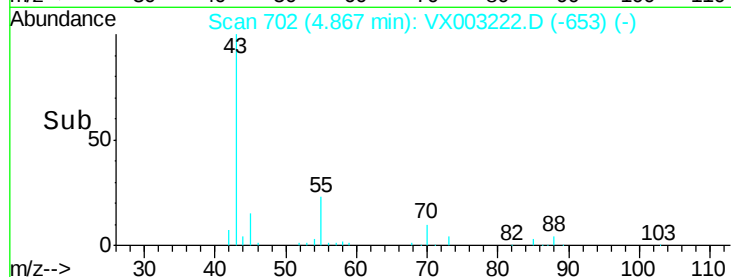
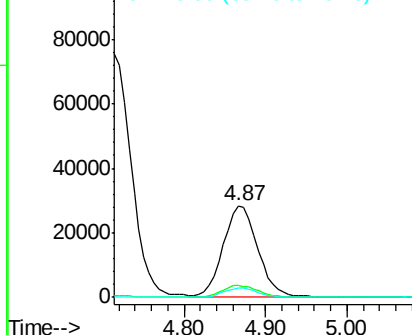


Abundance

Ion 43.00 (42.70 to 43.70): VX0

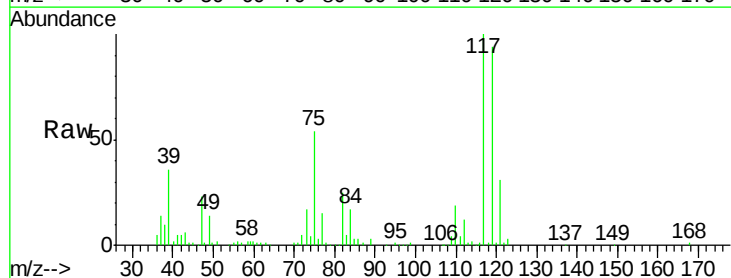
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 21.113 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.0
121	31.1	24.4	36.6

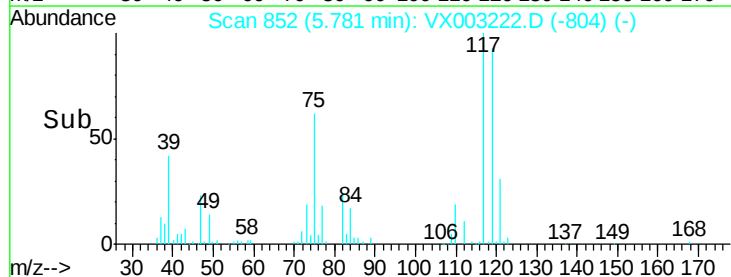
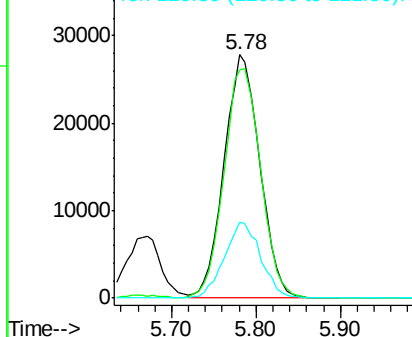


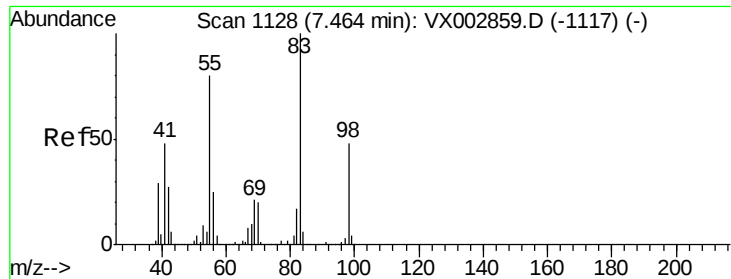
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





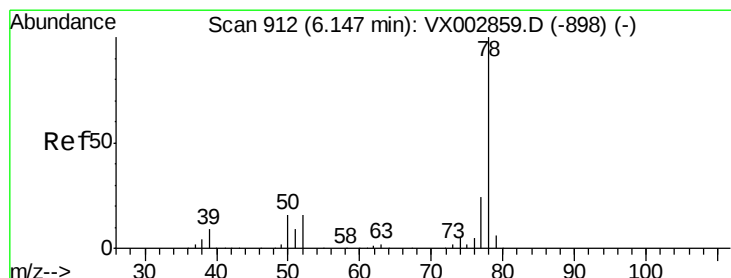
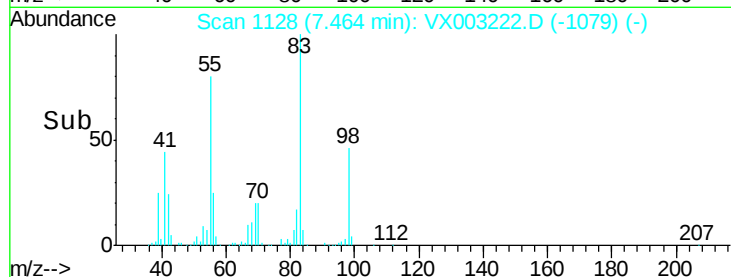
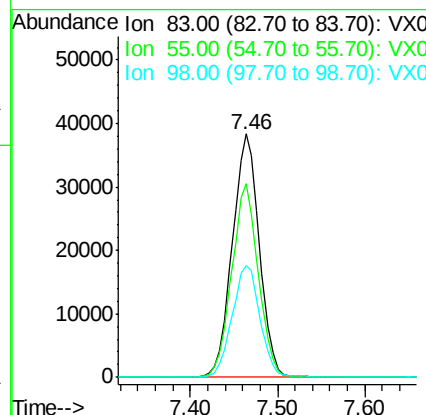
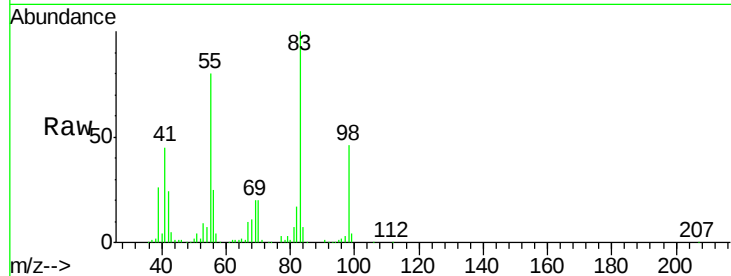
#39
Methvlcvclohexane
Concen: 20.486 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.4	98.0
98	45.9	37.4	56.0

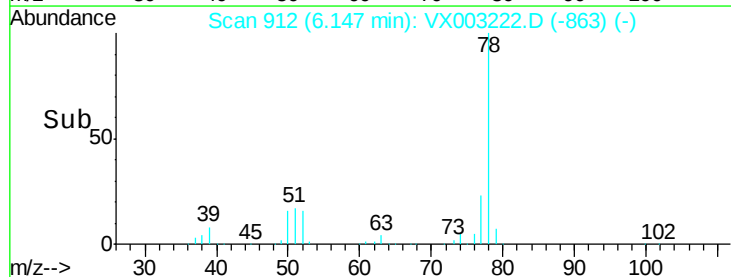
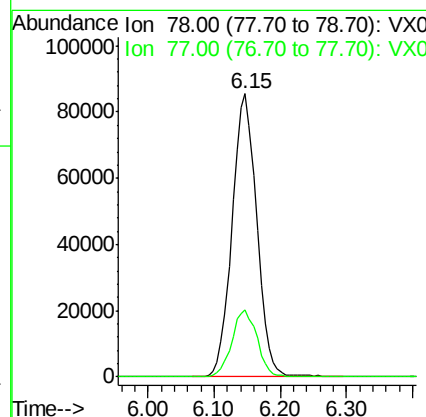
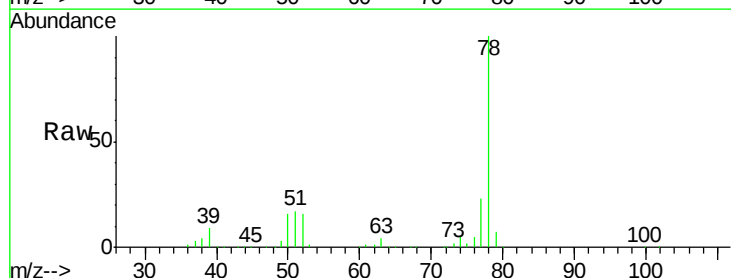
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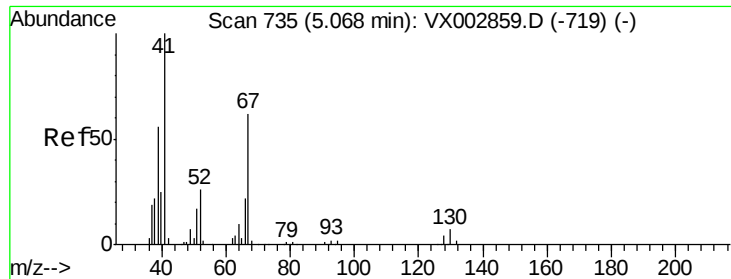
MMDadoda
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#40
Benzene
Concen: 22.116 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41

Methacrylonitrile

Concen: 22.362 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

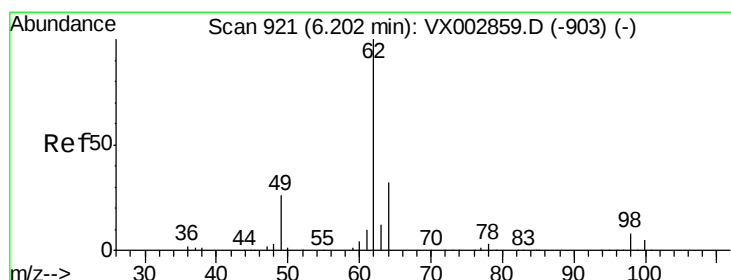
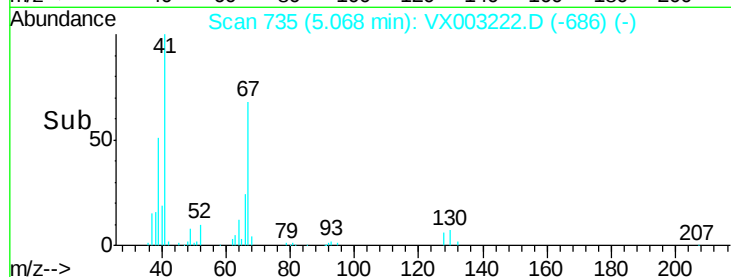
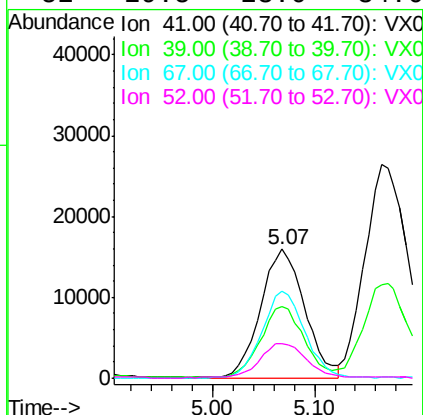
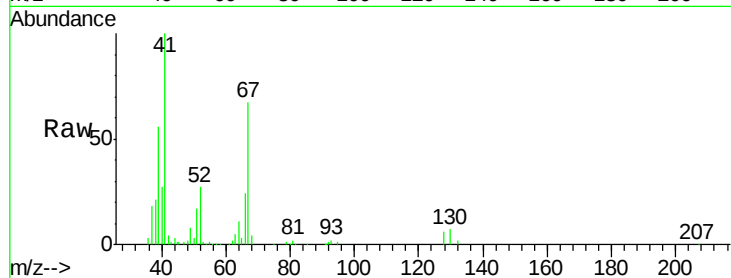
ClientSampled :

VX0706WBS01

Tot Ion:	41	Resp:	47793
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.6
67	66.2	51.3	76.9
52	29.5	23.0	34.6

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7/9/2018 12:56:53 PM



#42

1,2-Dichloroethane

Concen: 20.972 ug/l

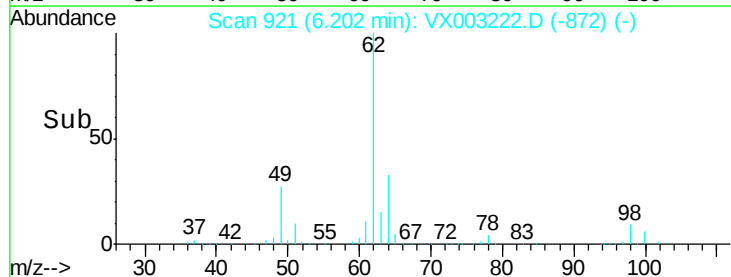
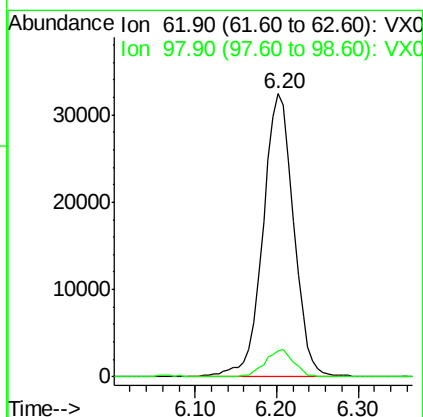
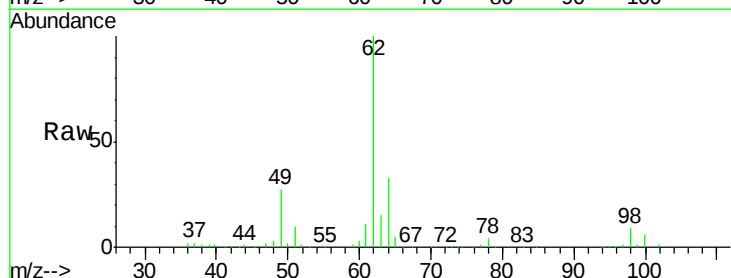
RT: 6.20 min Scan# 921

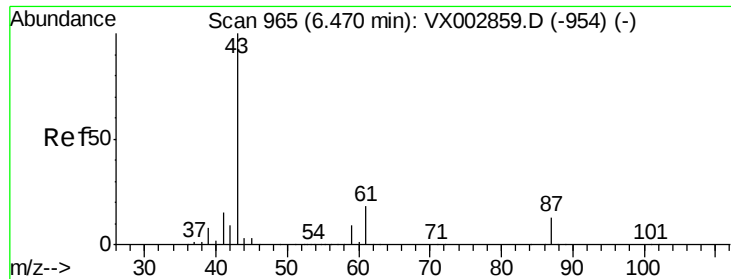
Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	62	Resp:	84850
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6





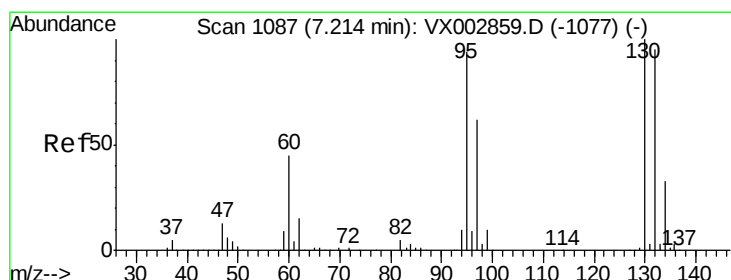
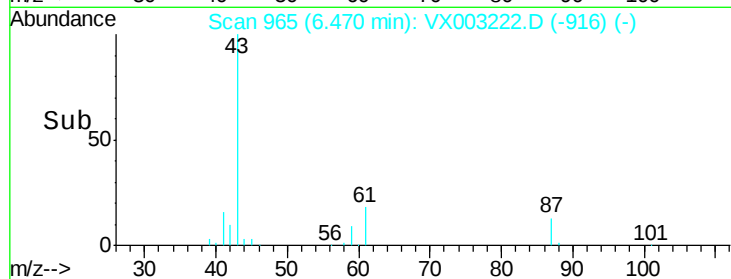
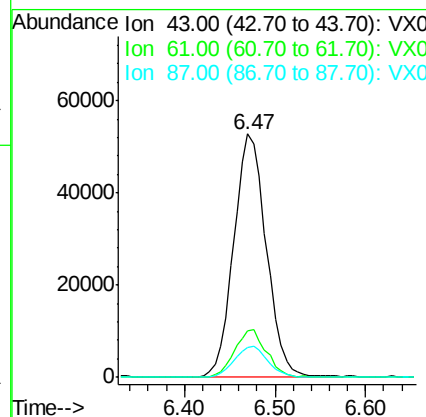
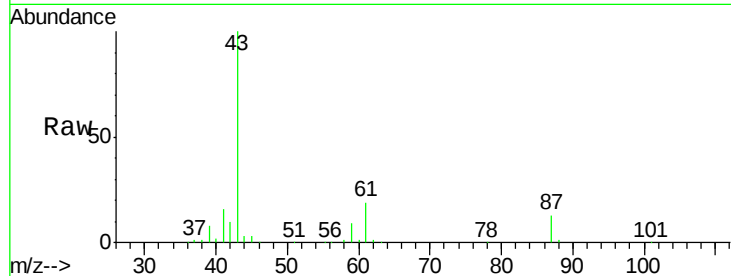
#43
Isopropyl Acetate
Concen: 21.029 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.4	21.6
87	12.9	9.5	14.3

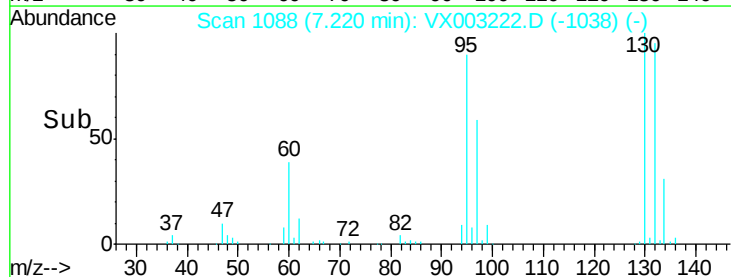
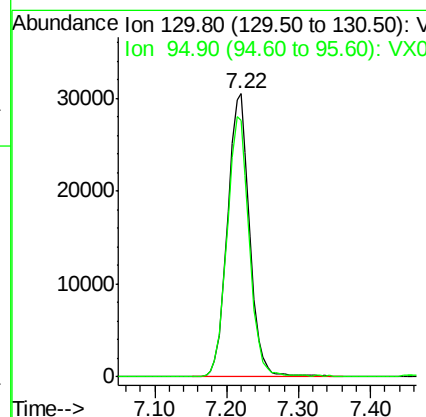
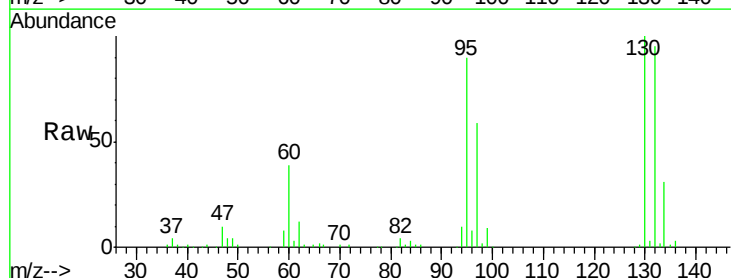
Manual Integrations
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#44
Trichloroethene
Concen: 21.821 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	185.4





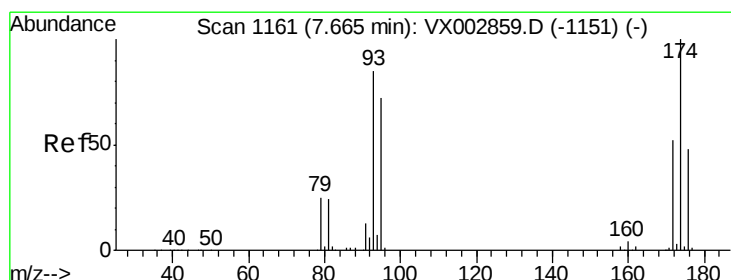
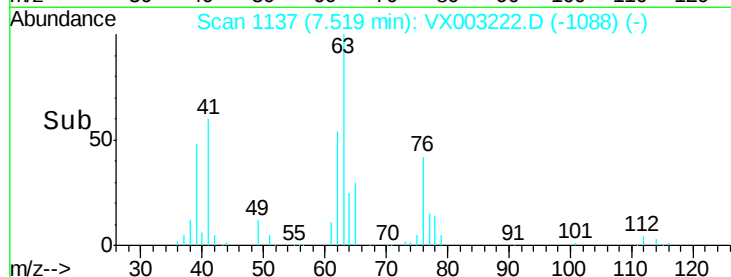
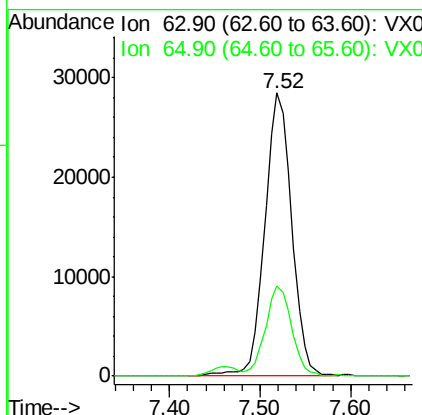
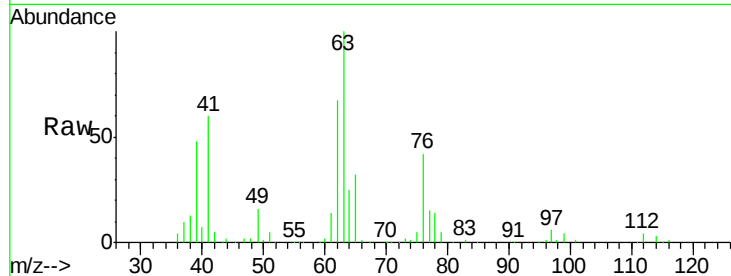
#45
 1,2-Dichloropropane
 Concen: 22.081 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion: 63 Resp: 58665
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

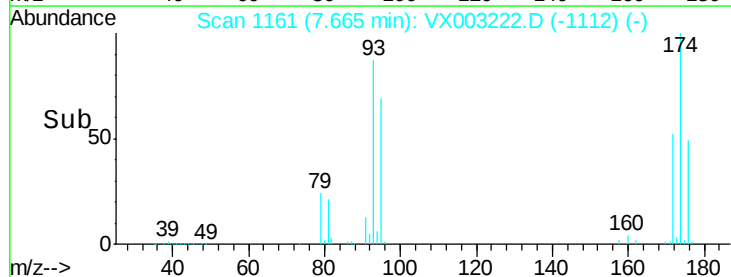
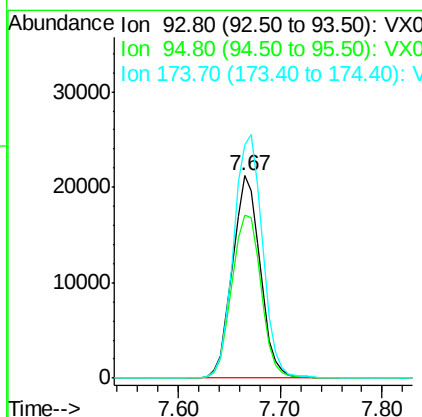
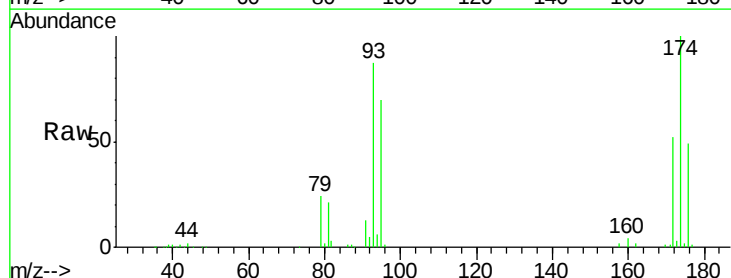
Manual Integrations
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 7/9/2018 12:56:53 PM



#46
 Dibromomethane
 Concen: 21.598 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 93 Resp: 39822
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.9 98.9
 174 124.6 92.4 138.6





#47

Bromodichloromethane

Concen: 21.522 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

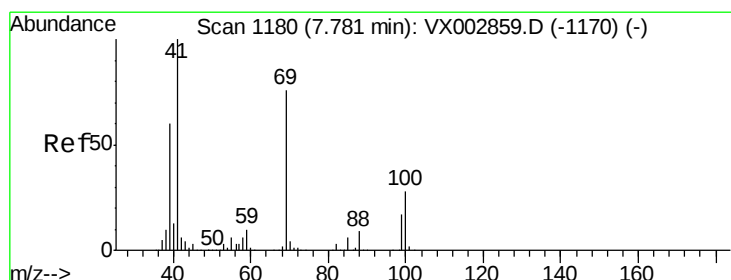
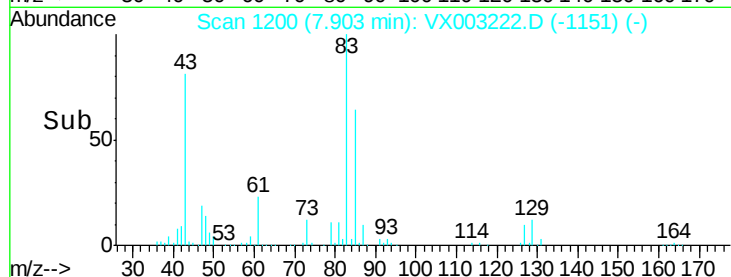
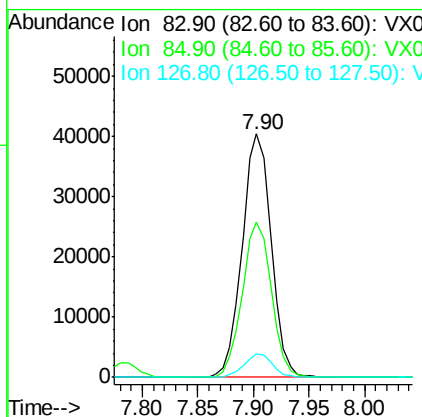
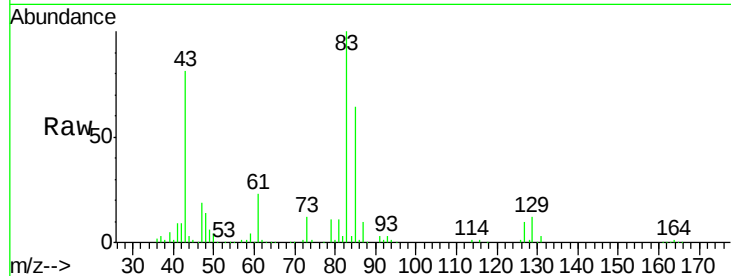
ClientSampled :

VX0706WBS01

Tot Ion:	83	Resp:	73361
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.324 ug/l

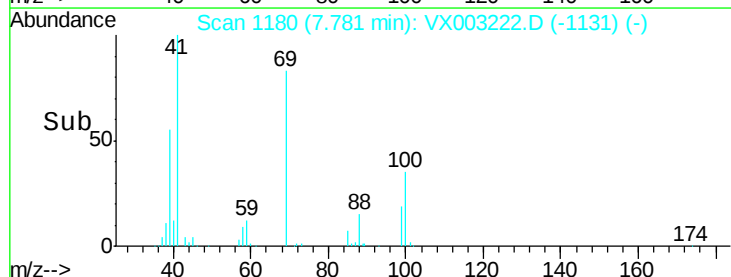
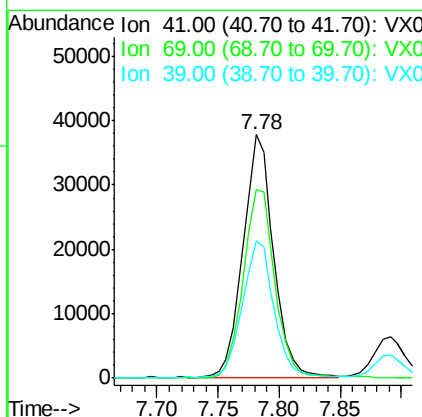
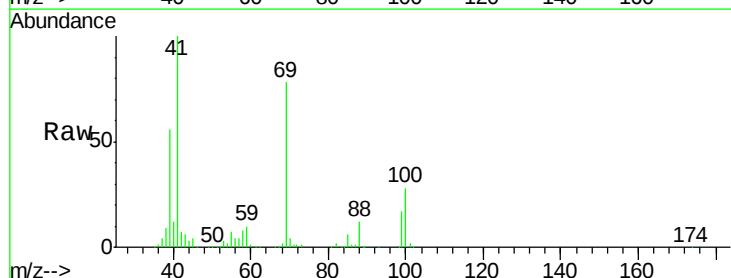
RT: 7.78 min Scan# 1180

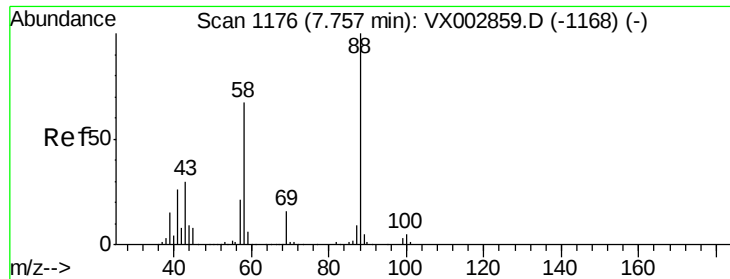
Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion:	41	Resp:	65185
Ion	Ratio	Lower	Upper
41	100		
69	81.6	59.1	88.7
39	58.6	48.9	73.3





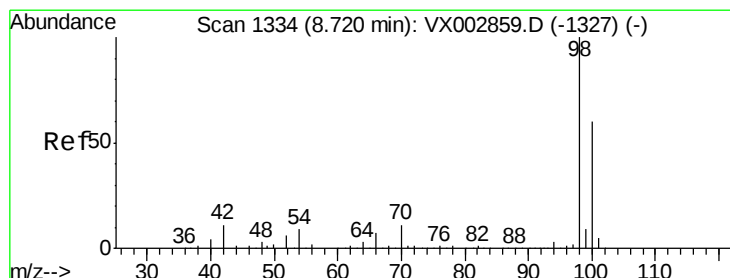
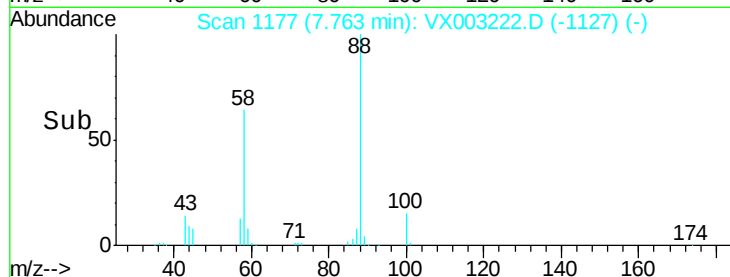
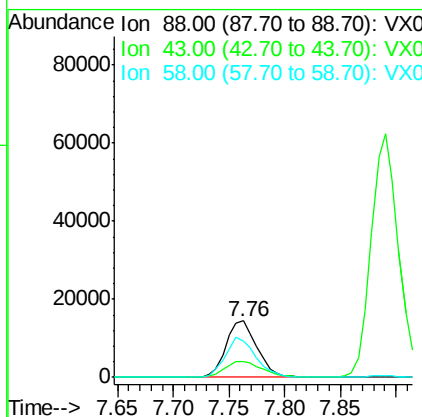
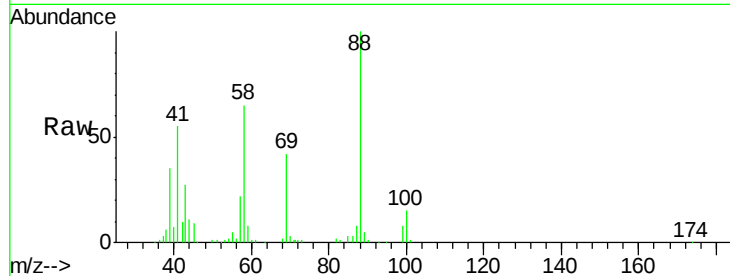
#49
1,4-Dioxane
Concen: 449.643 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	29.8	44.6
58	70.6	57.1	85.7

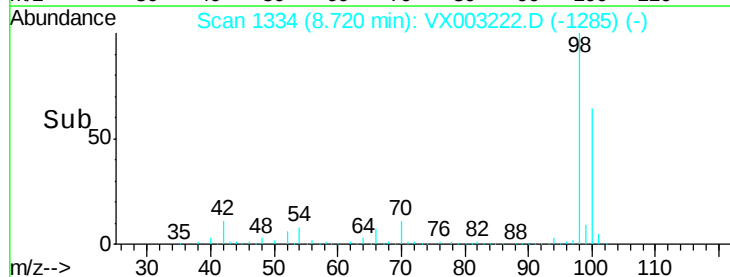
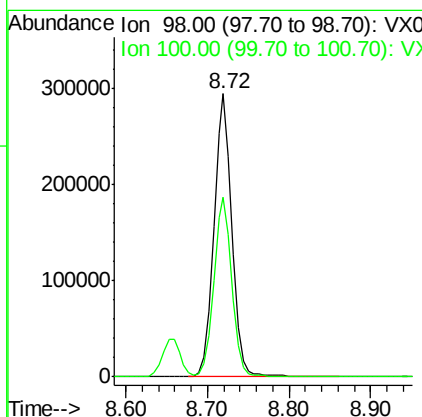
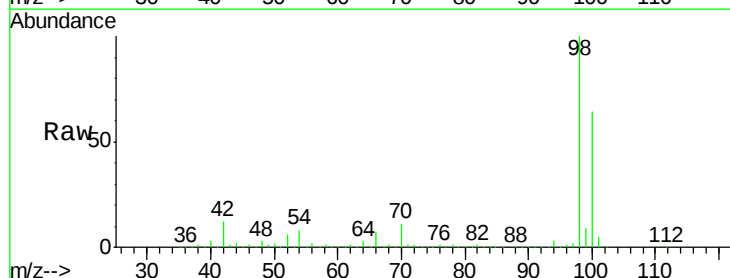
Manual Integrations
APPROVED

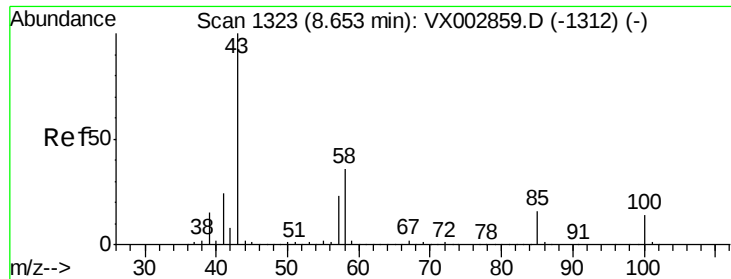
MMDadoda
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#50
Toluene-d8
Concen: 50.083 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 110.540 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 43 Resp: 430501

Ion Ratio Lower Upper

43 100

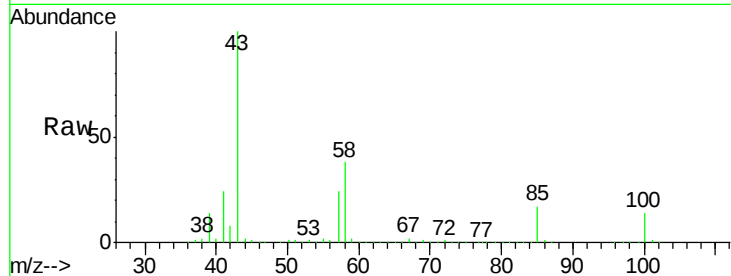
58 37.0 28.6 42.8

Manual Integrations

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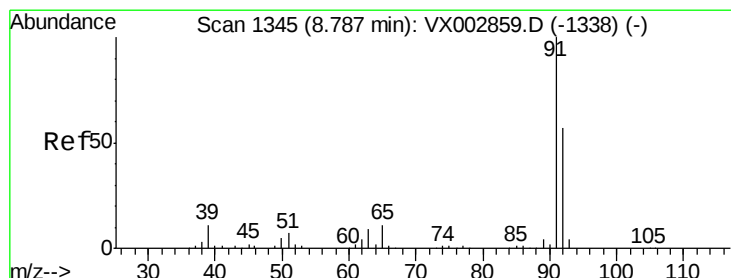
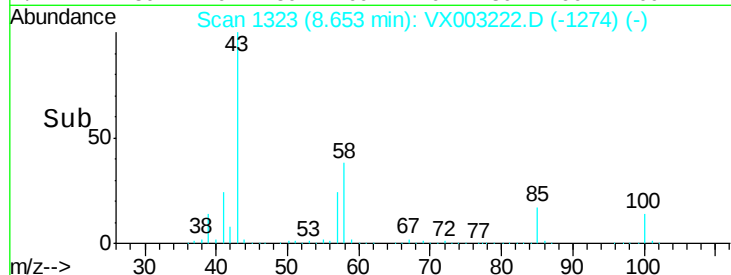
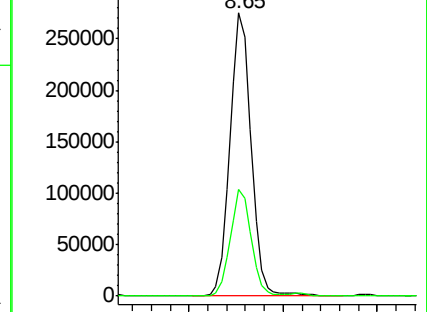
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.191 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003222.D

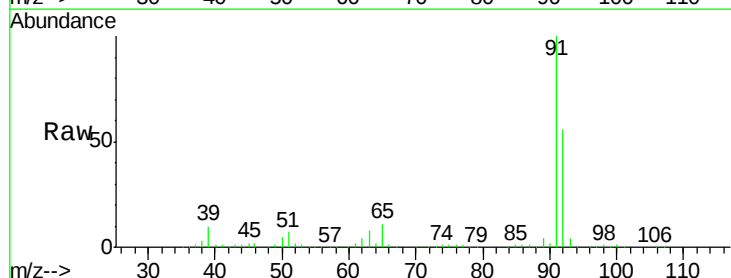
Acq: 06 Jul 2018 19:46

Tgt Ion: 92 Resp: 142383

Ion Ratio Lower Upper

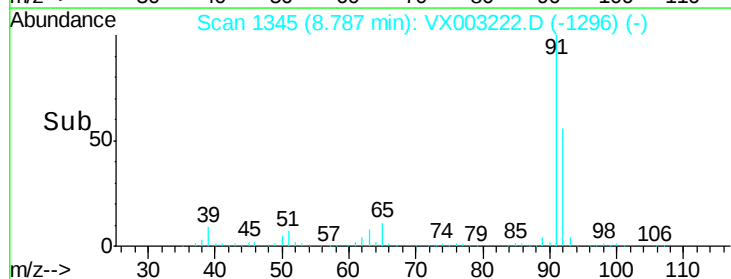
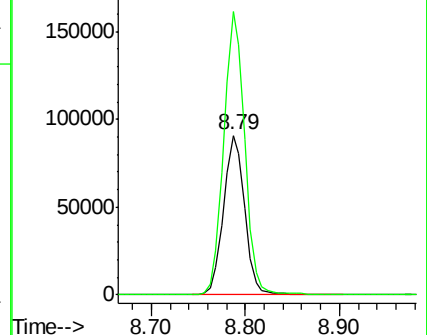
92 100

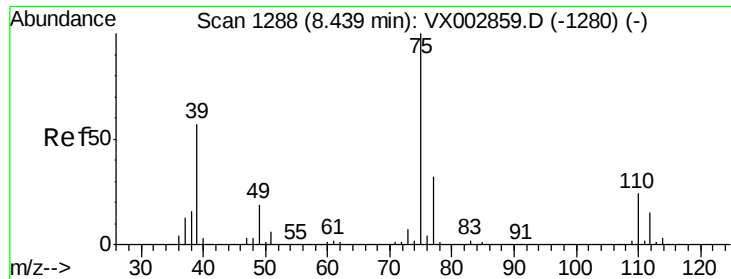
91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





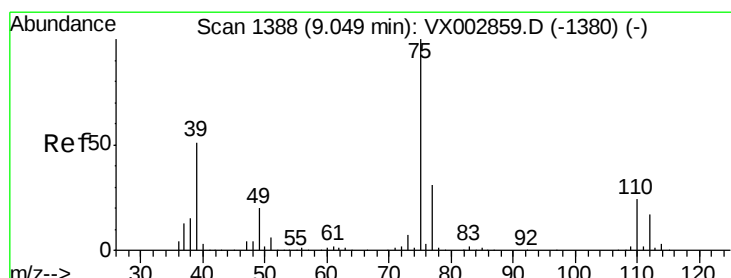
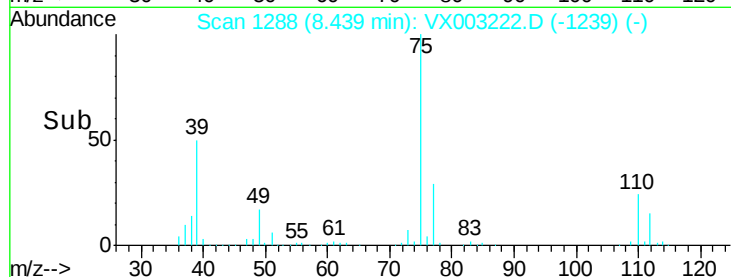
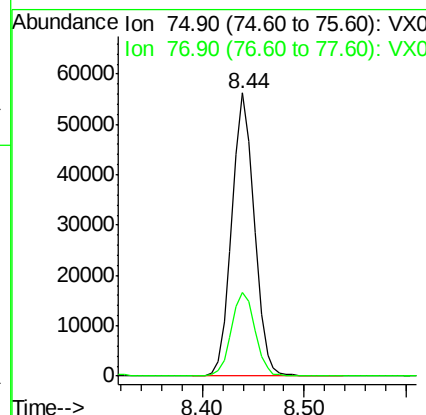
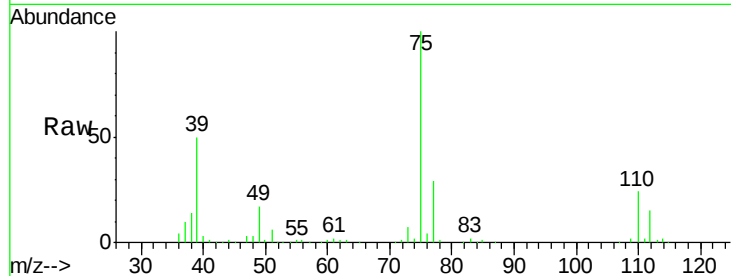
#53
t-1,3-Dichloropropene
Concen: 22.271 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion: 75 Resp: 85973
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.2

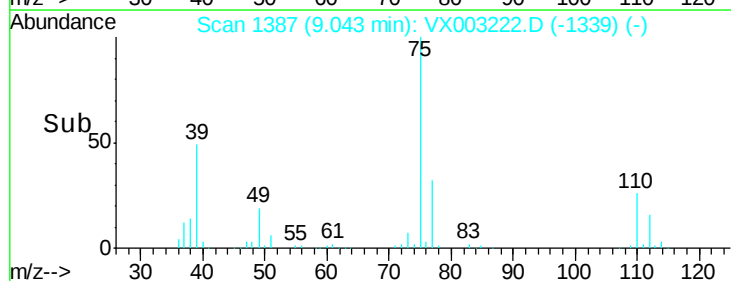
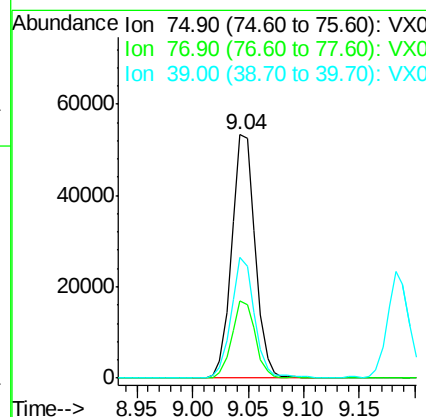
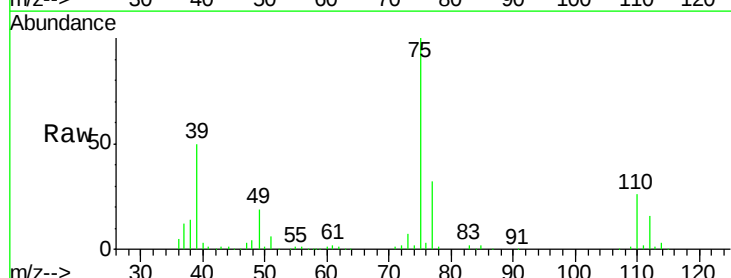
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#54
cis-1,3-Dichloropropene
Concen: 20.949 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 75 Resp: 77812
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 49.4 42.4 63.6





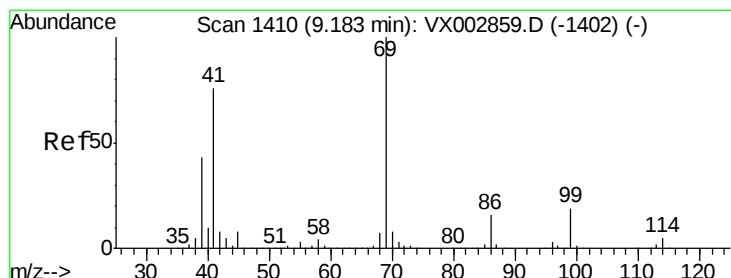
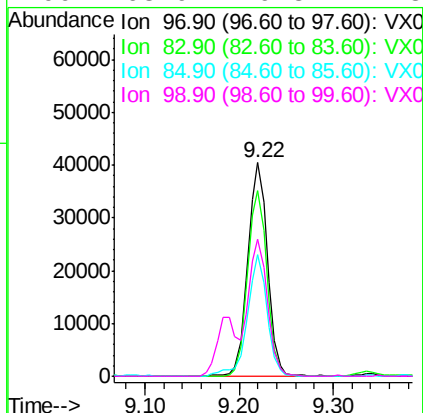
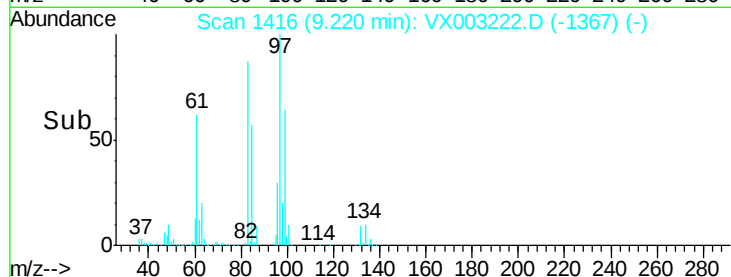
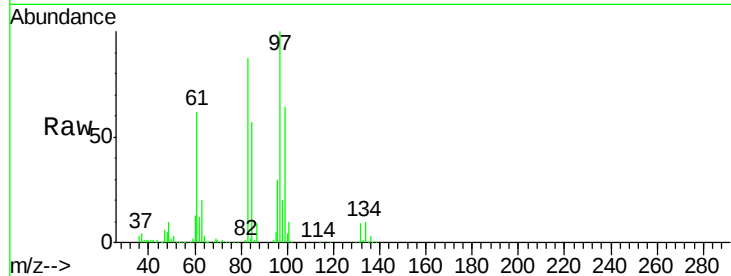
#55
 1,1,2-Trichloroethane
 Concen: 22.589 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion:	97	Resp:	59559
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.2
85	56.7	44.9	67.3
99	63.9	49.8	74.8

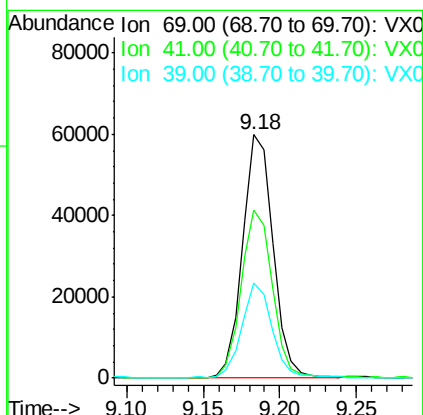
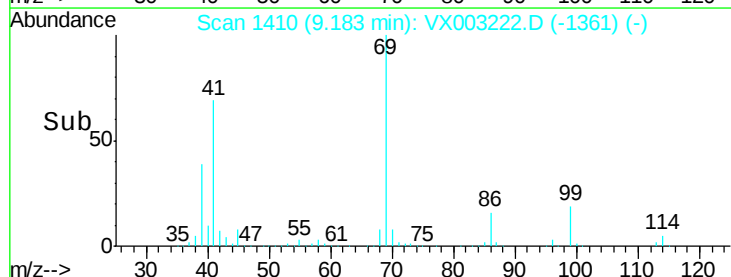
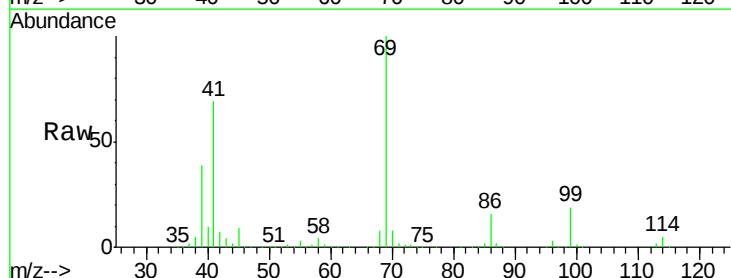
Manual Integrations
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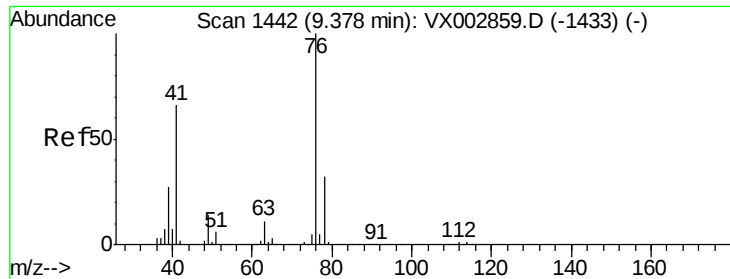
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#56
 Ethyl methacrylate
 Concen: 21.589 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion:	69	Resp:	83189
Ion	Ratio	Lower	Upper
69	100		
41	70.2	60.3	90.5
39	38.5	35.8	53.8





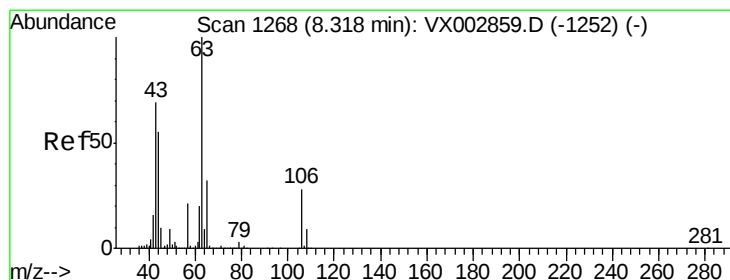
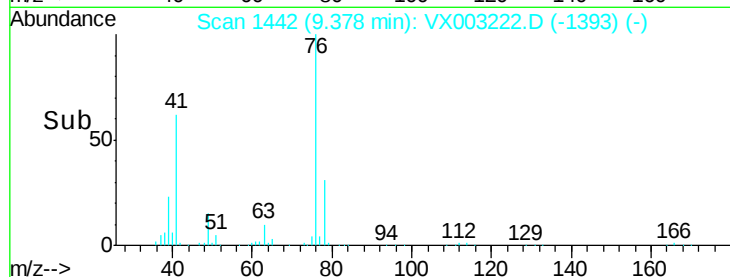
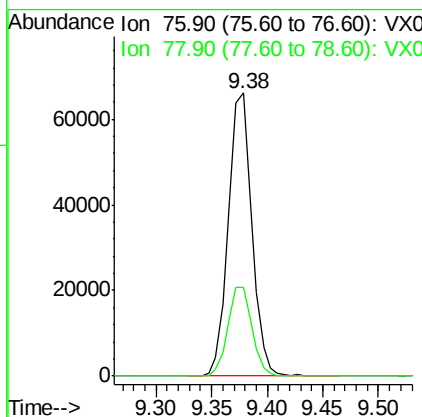
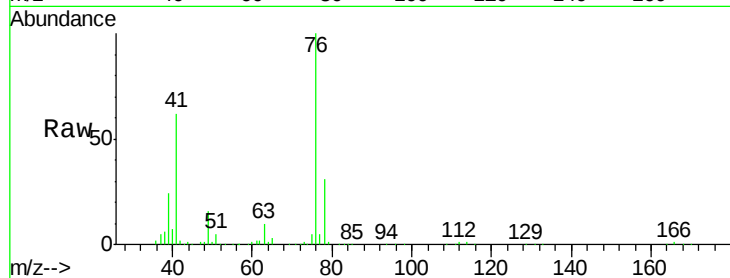
#57
 1,3-Dichloropropane
 Concen: 22.428 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

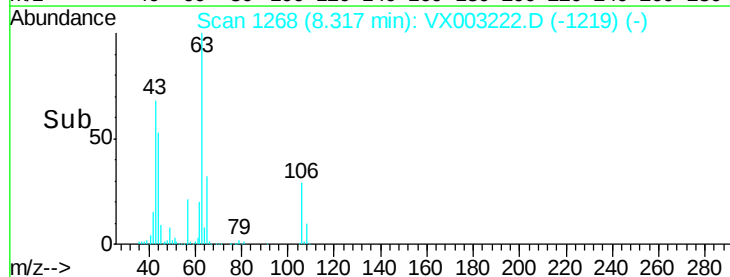
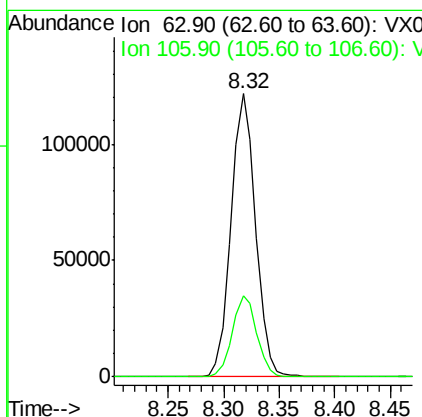
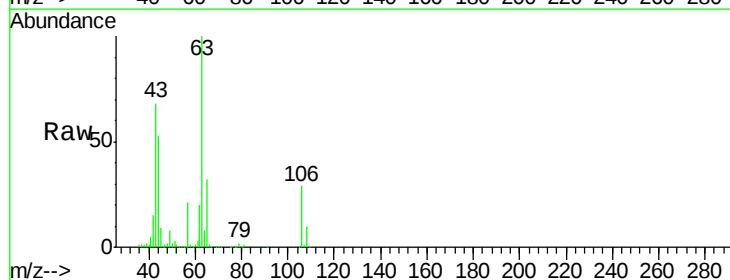
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.061 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	21.8	32.8





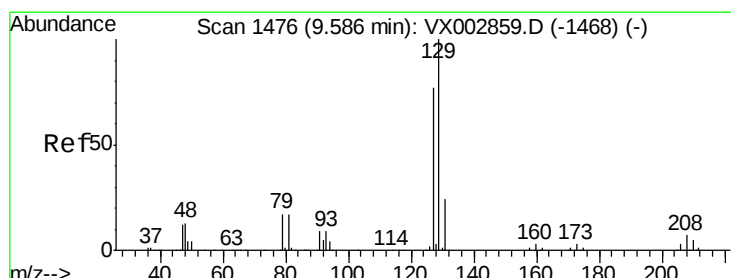
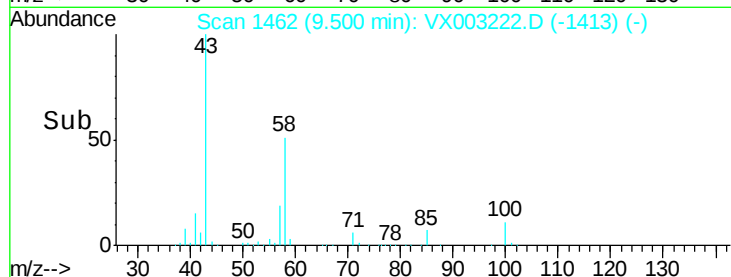
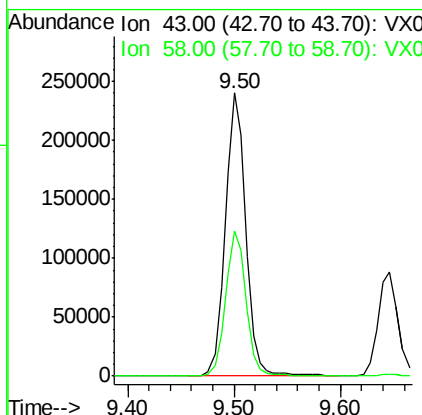
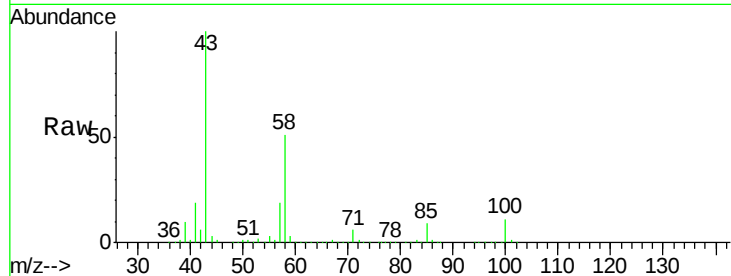
#59
2-Hexanone
Concen: 108.968 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	24.6	73.6

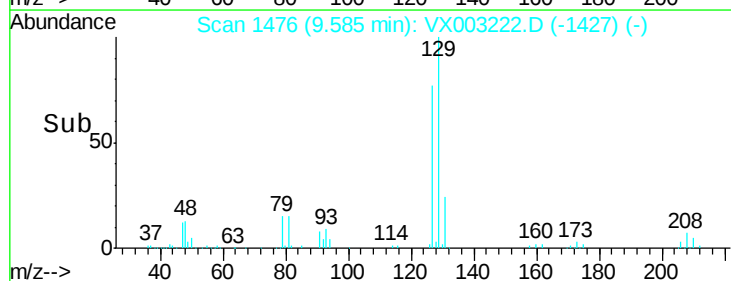
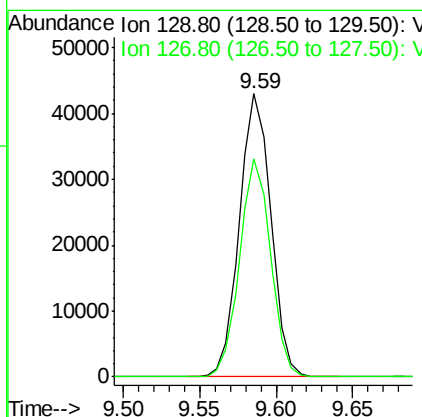
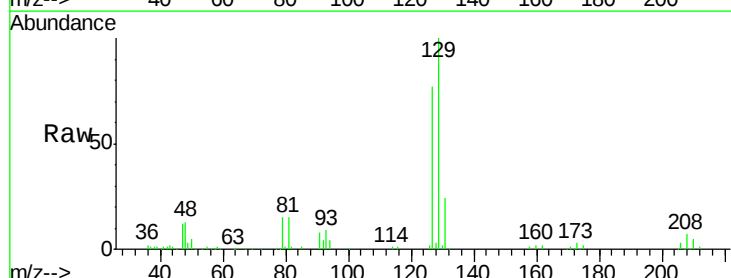
Manual Integrations
APPROVED

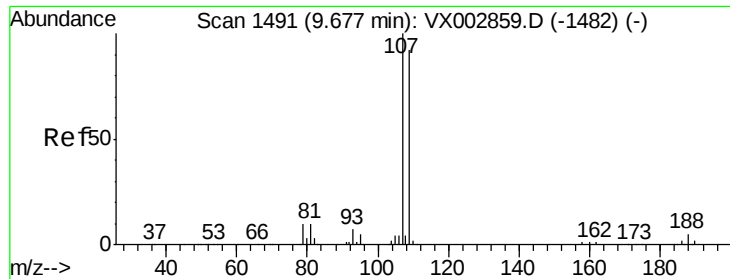
MMDadoda
7/9/2018 12:56:53 PM



#60
Dibromochloromethane
Concen: 22.137 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.5	38.5	115.3





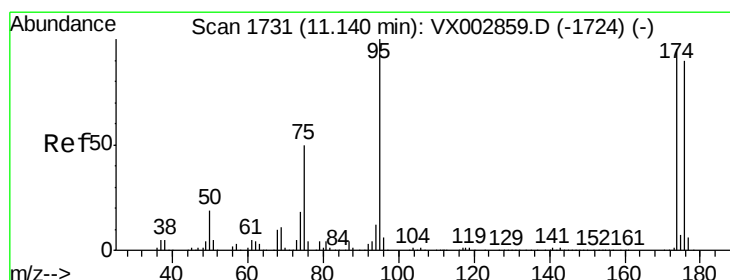
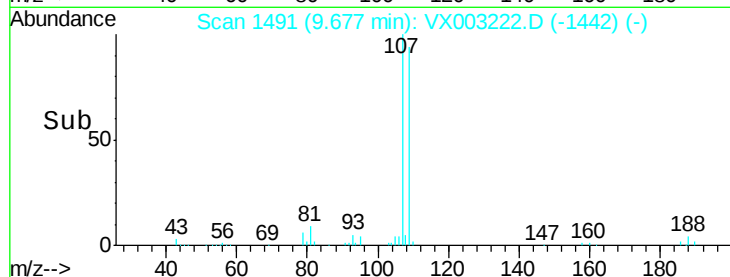
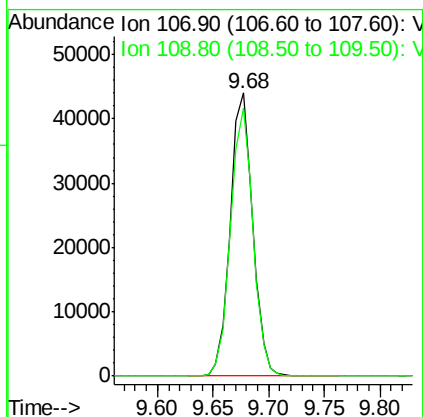
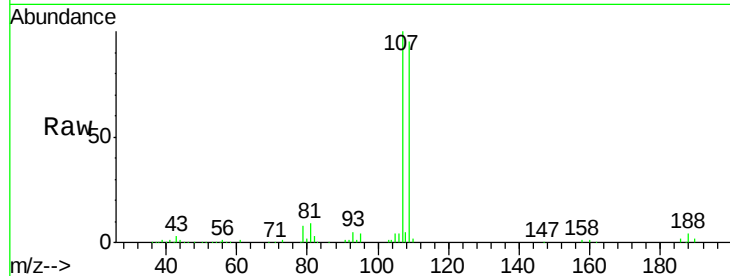
#61
 1,2-Dibromoethane
 Concen: 22.290 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

Tot Ion:107 Resp: 61643
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.3 112.9

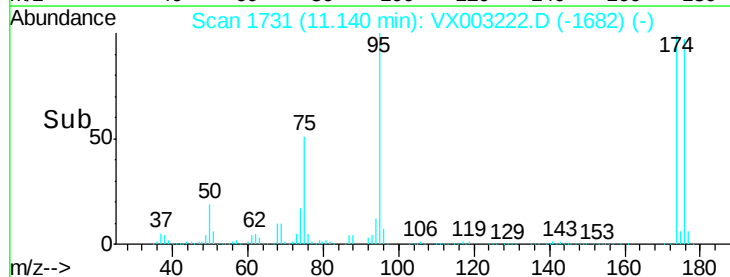
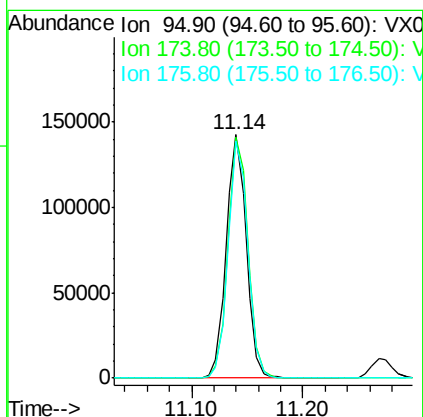
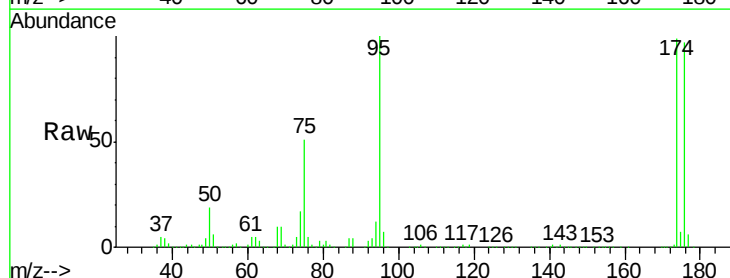
Manual Integrations
 APPROVED

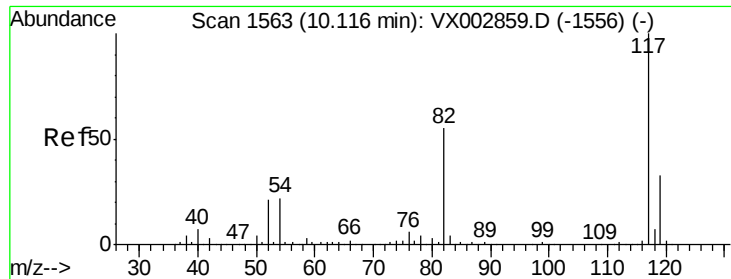
MMDadoda
 7/9/2018 12:56:53 PM



#62
 4-Bromofluorobenzene
 Concen: 50.450 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 95 Resp: 176861
 Ion Ratio Lower Upper
 95 100
 174 99.3 0.0 187.4
 176 96.3 0.0 181.0





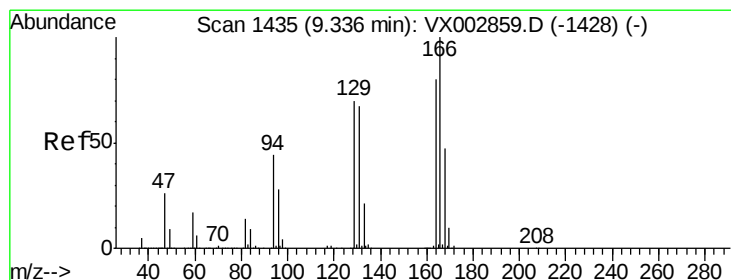
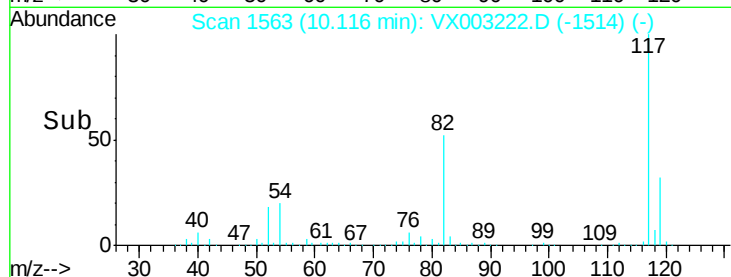
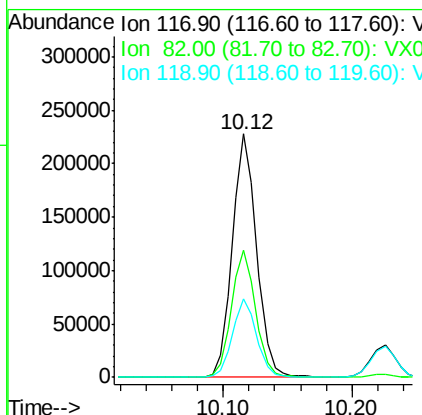
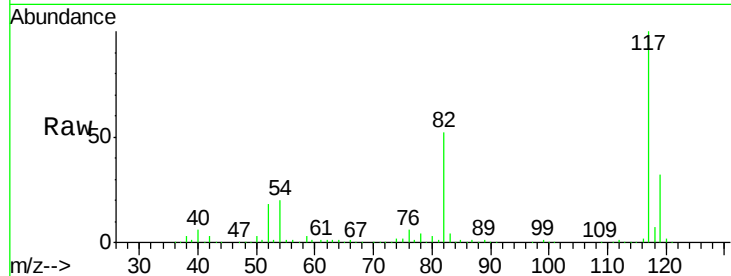
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301320		
82	52.1	45.0	67.4	
119	32.4	25.8	38.6	

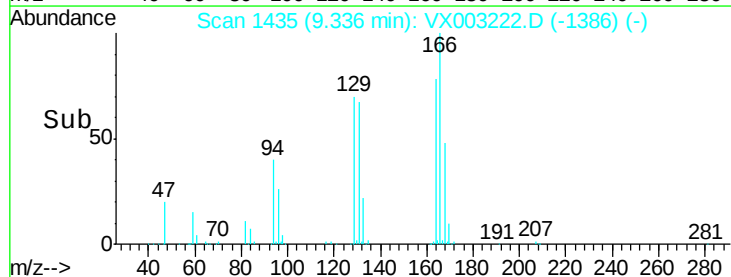
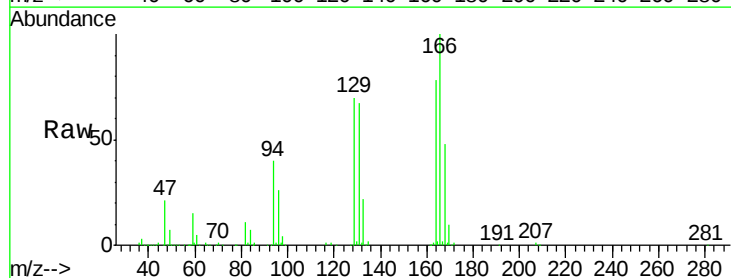
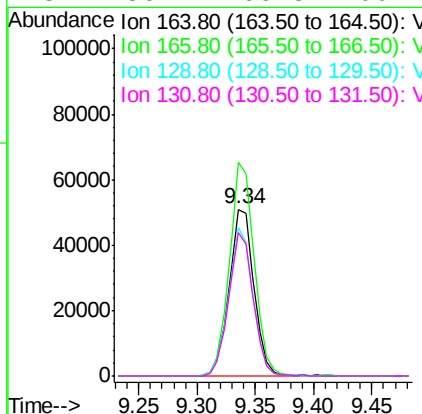
Manual Integrations
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#64
Tetrachloroethene
Concen: 22.668 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75950		
166	128.1	102.9	154.3	
129	89.3	68.6	102.8	
131	86.1	66.8	100.2	





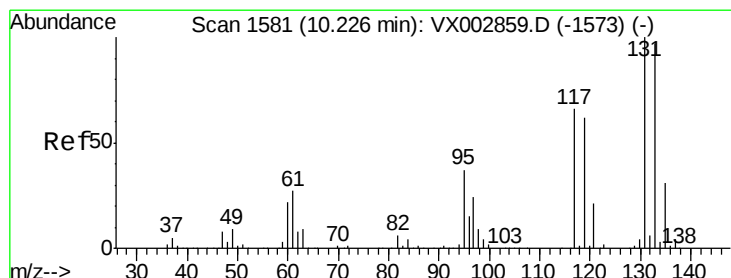
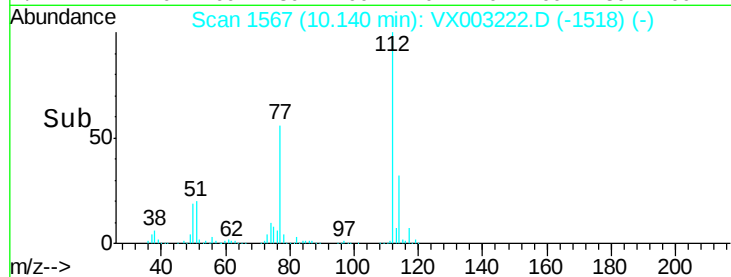
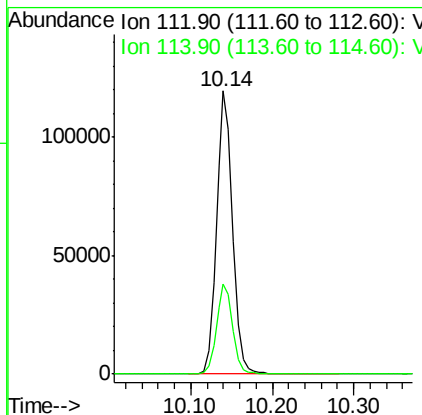
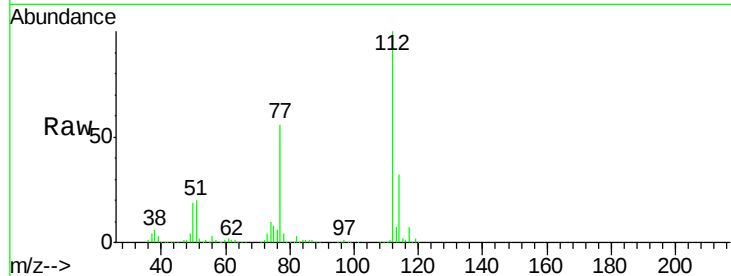
#65
Chlorobenzene
Concen: 21.581 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion:112 Resp: 165174
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

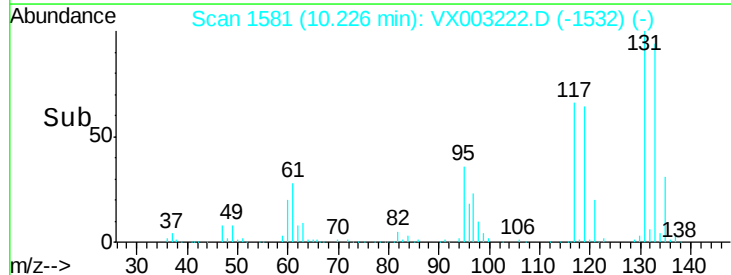
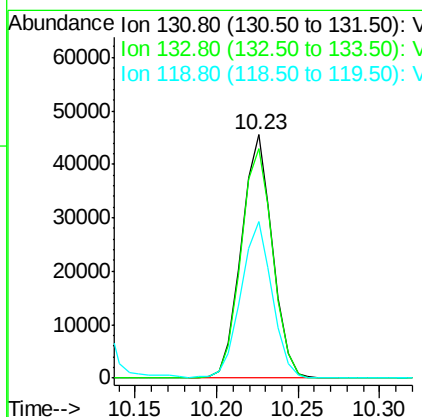
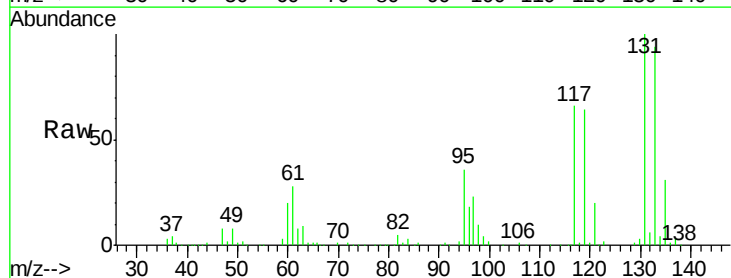
Manual Integrations
APPROVED

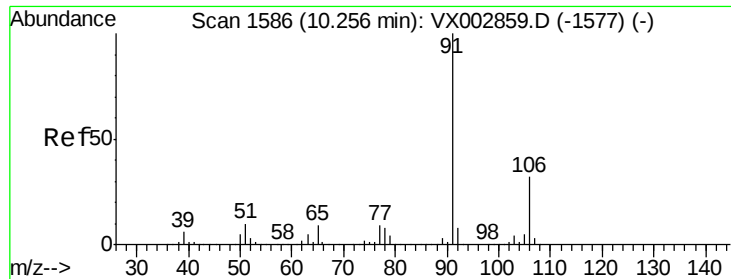
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.670 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:131 Resp: 60249
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 65.0 31.8 95.3





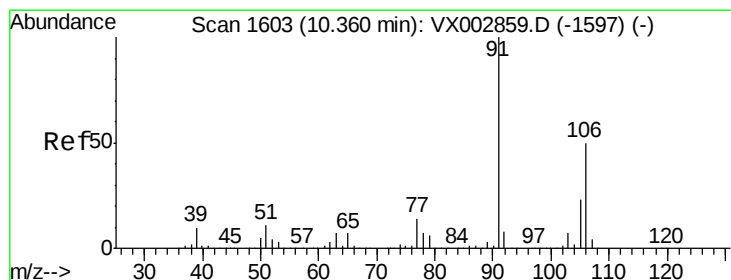
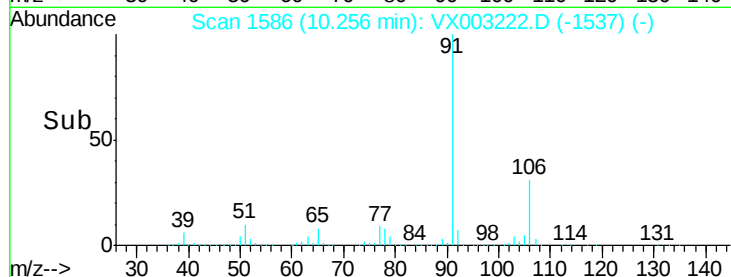
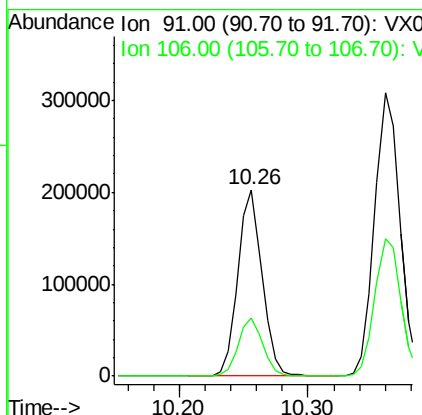
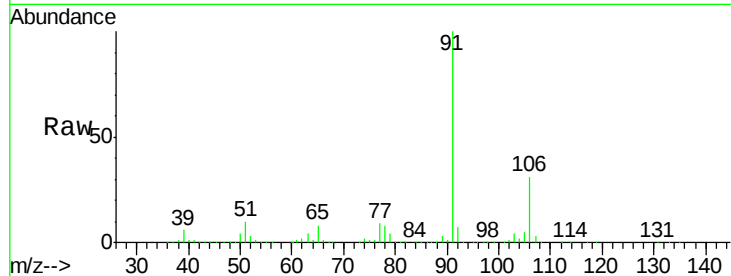
#67
Ethyl Benzene
Concen: 21.111 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion: 91 Resp: 266900
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

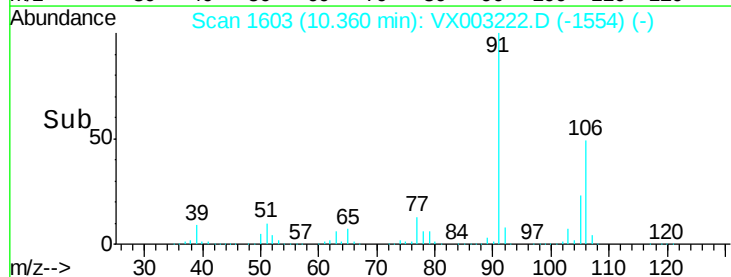
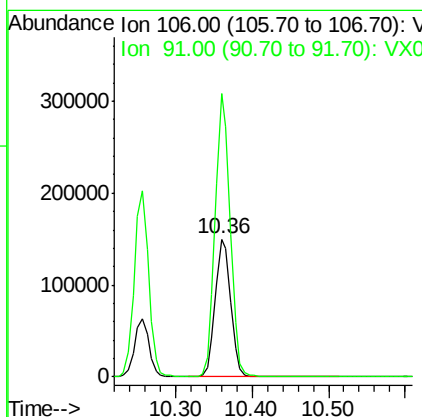
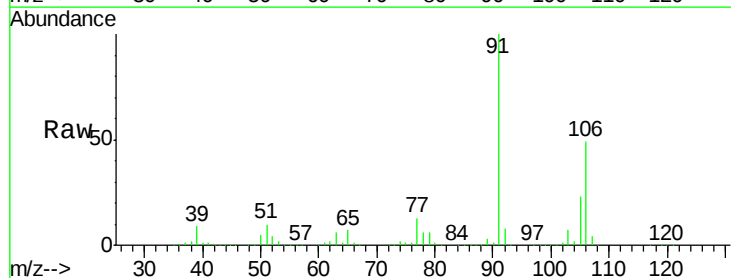
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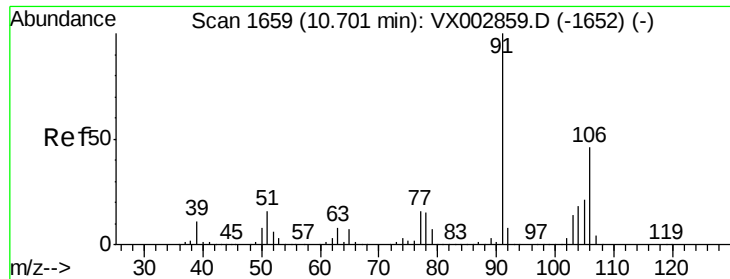
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#68
m/p-Xylenes
Concen: 43.220 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 106 Resp: 210596
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2





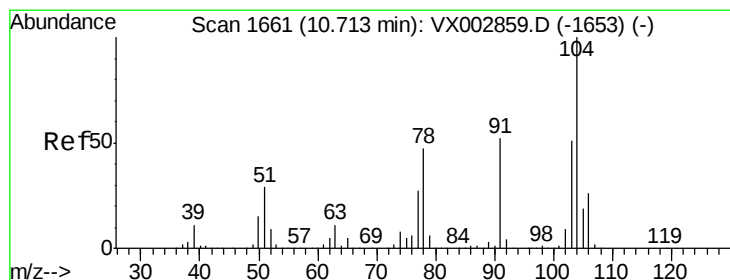
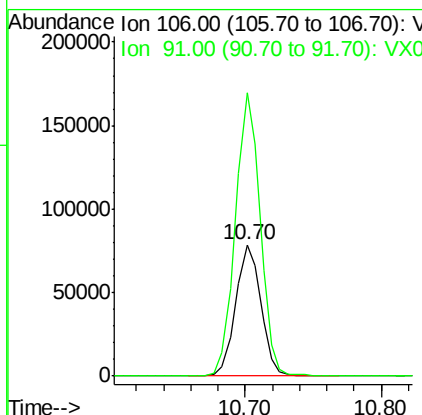
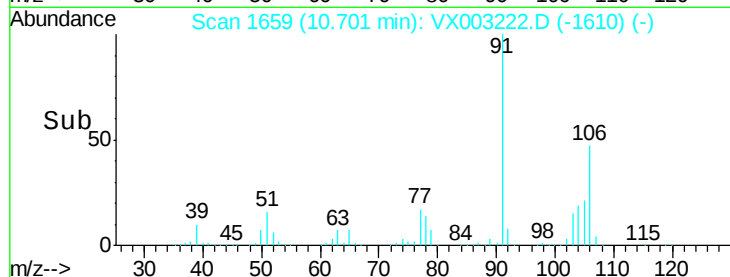
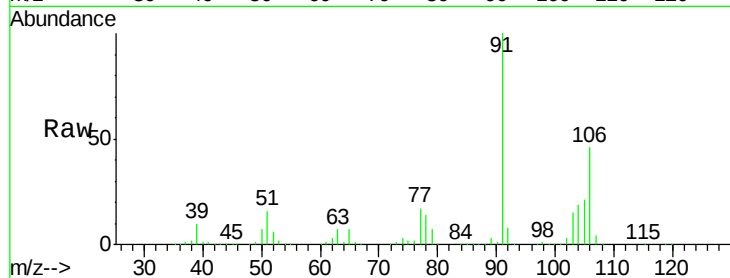
#69
o-Xylene
Concen: 21.386 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion:106 Resp: 101466
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

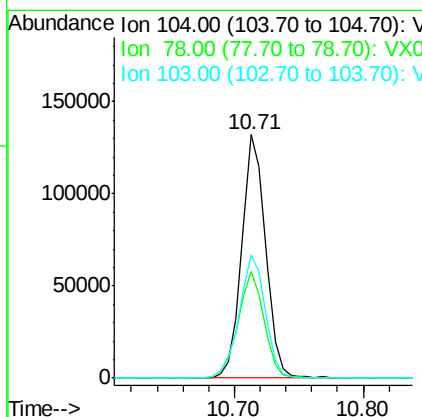
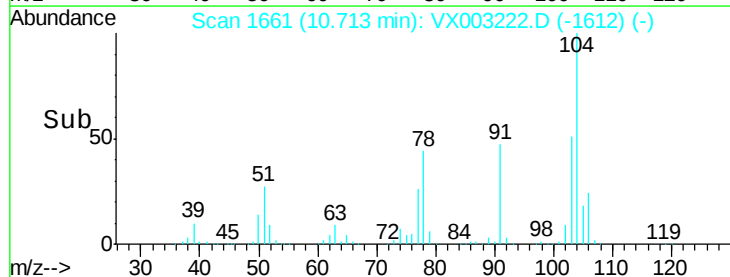
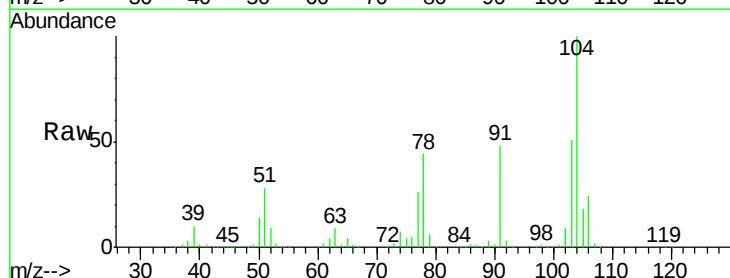
Manual Integrations
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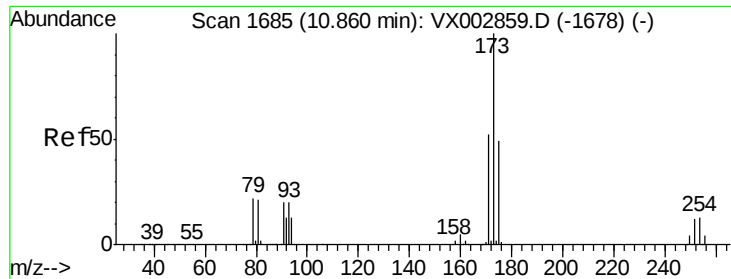
MMDadoda
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#70
Styrene
Concen: 21.962 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:104 Resp: 169311
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.6 44.2 66.4





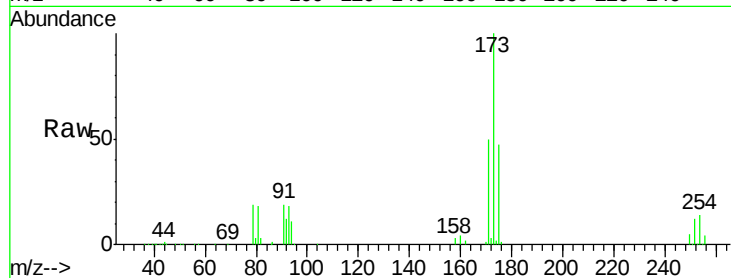
#71
Bromoform
Concen: 21.249 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

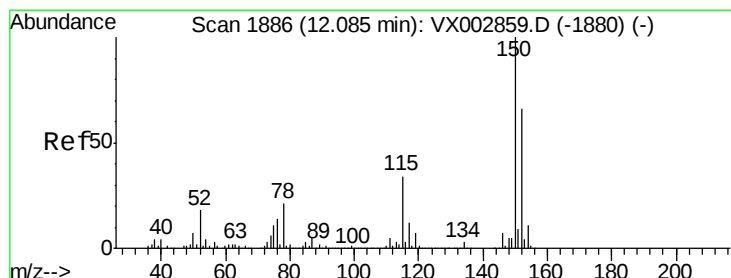
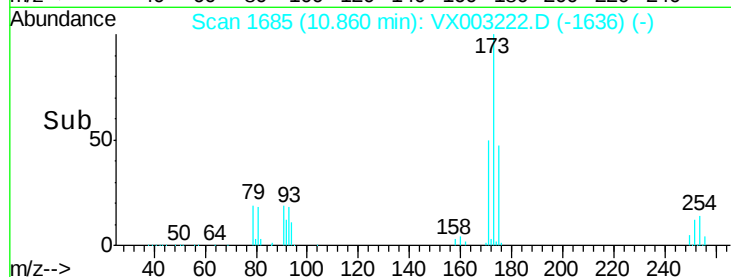
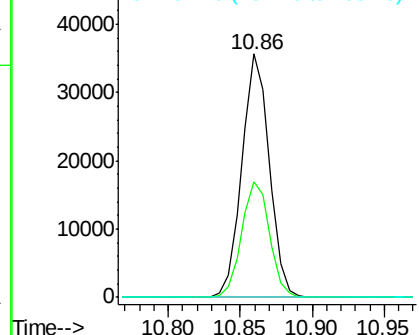
Tot Ion:173 Resp: 47262
Ion Ratio Lower Upper
173 100
175 48.2 24.7 74.1
254 0.2 0.2 0.2

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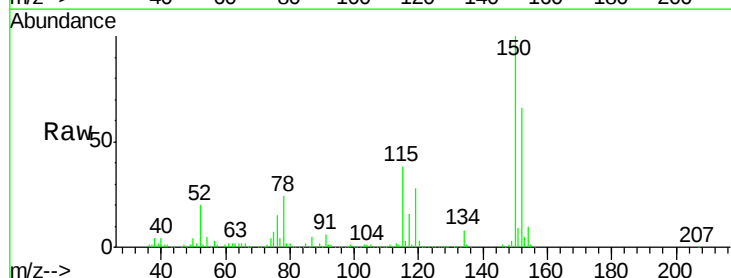


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

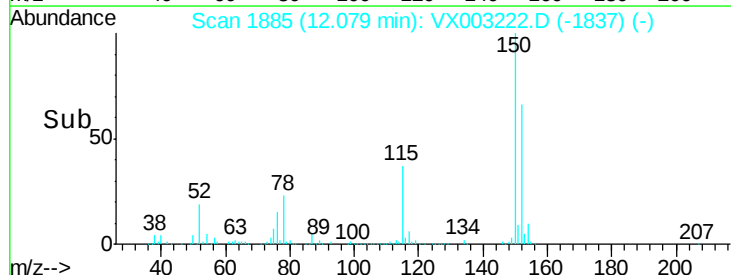
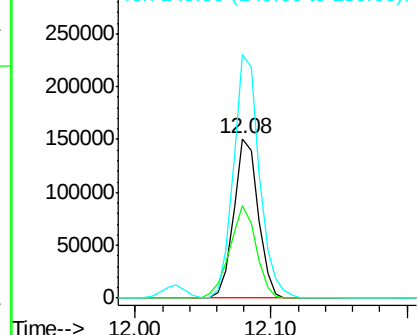


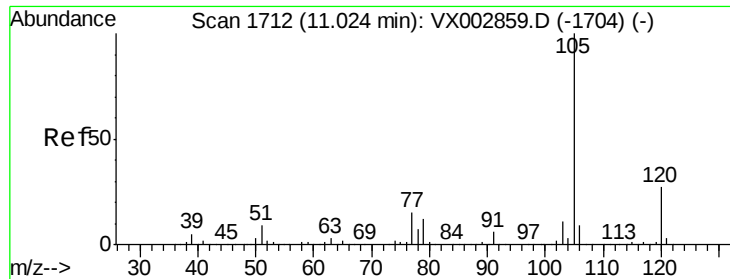
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:152 Resp: 186888
Ion Ratio Lower Upper
152 100
115 63.3 40.1 120.2
150 163.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.979 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 105 Resp: 276327

Ion Ratio Lower Upper

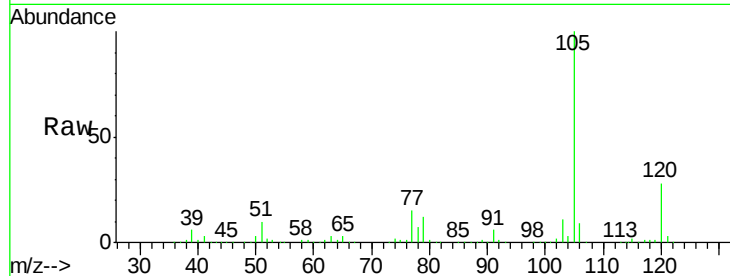
105 100

120 27.4 13.5 40.4

Manual Integrations
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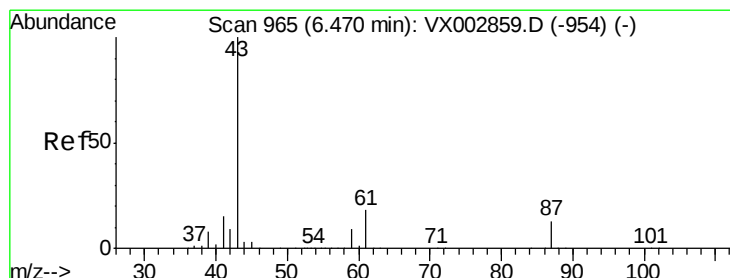
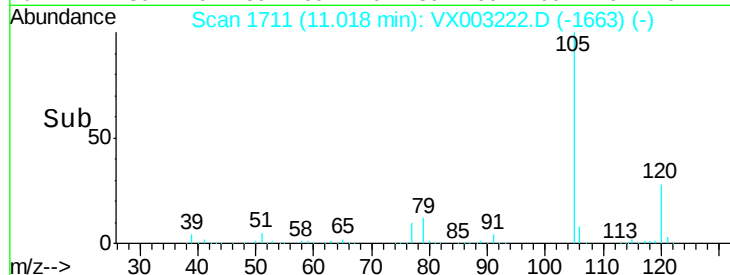
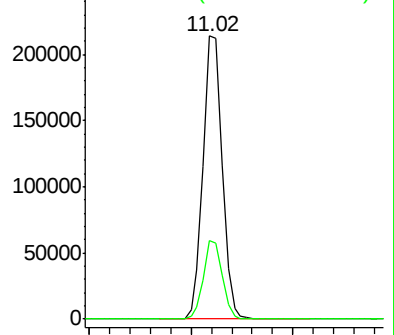
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.279 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion: 43 Resp: 130899

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

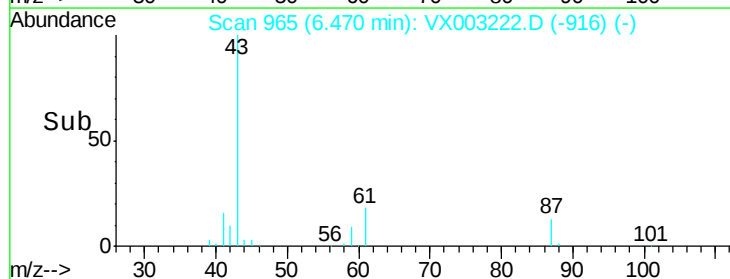
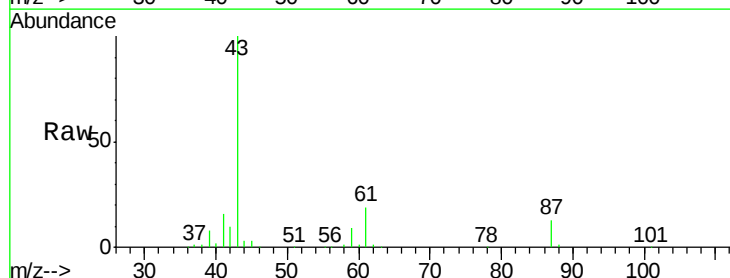
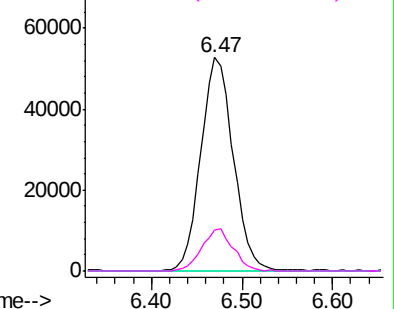
61 19.3 14.4 21.6

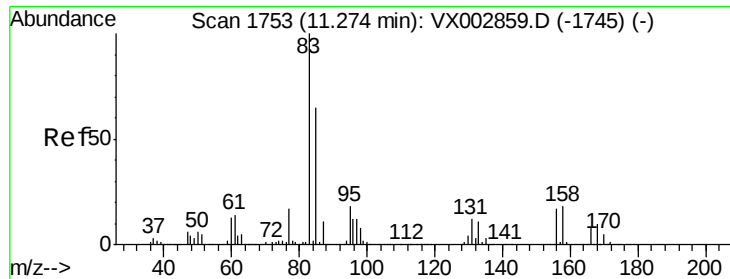
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.390 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

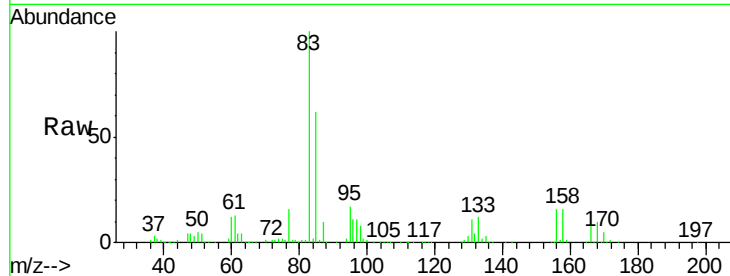
ClientSampleId :

VX0706WBS01

Tot Ion:	83	Resp:	86711
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.1	32.4	97.2

Manual Integrations
APPROVED

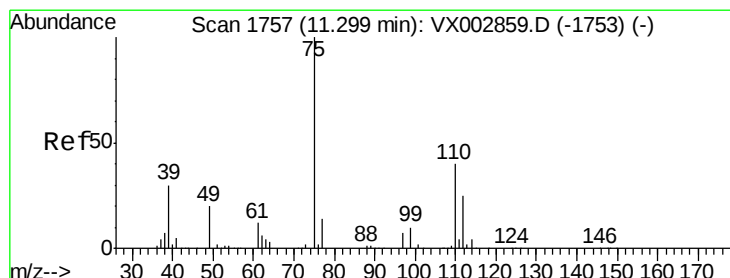
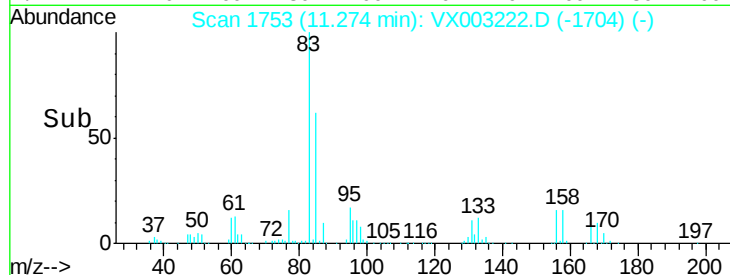
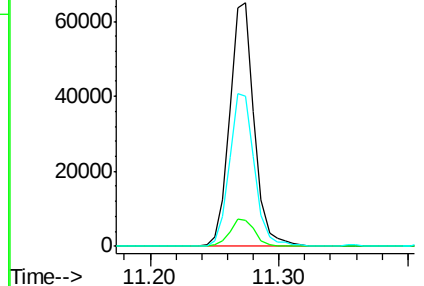
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.964 ug/l m

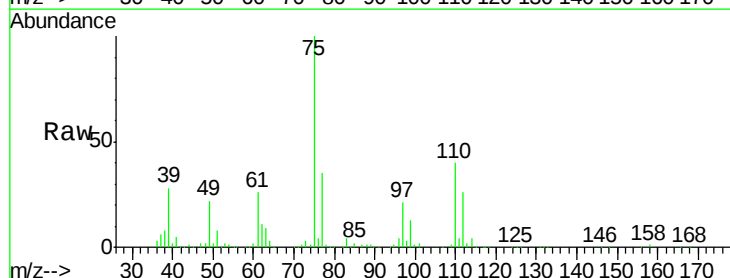
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003222.D

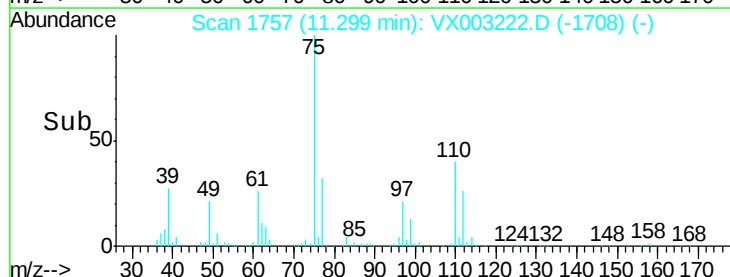
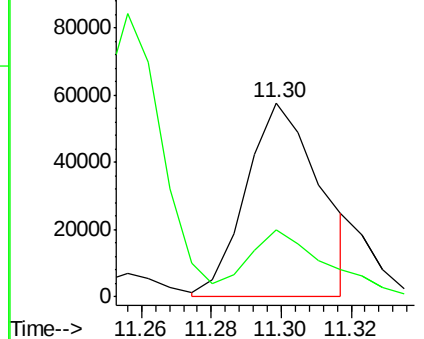
Acq: 06 Jul 2018 19:46

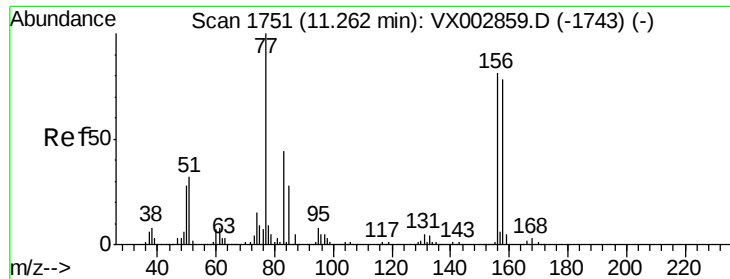
Tgt Ion:	75	Resp:	84509
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.119 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion:156 Resp: 79194

Ion Ratio Lower Upper

156 100

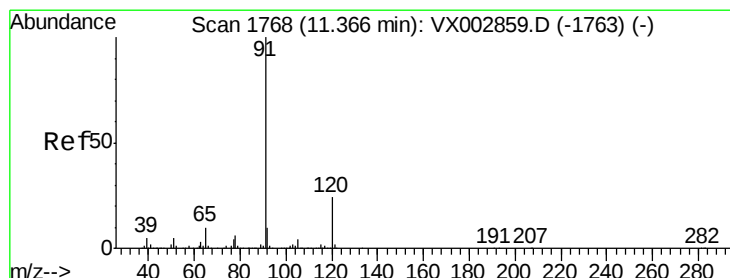
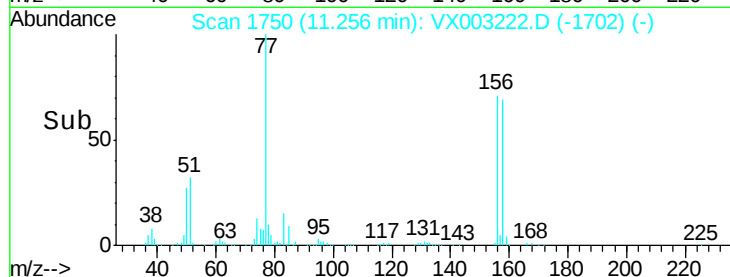
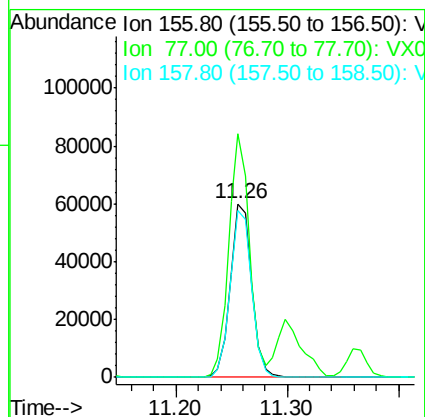
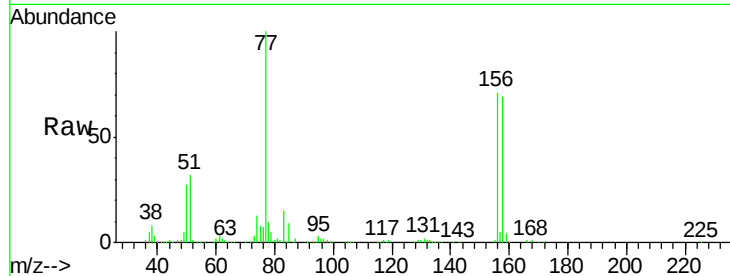
77 135.4 71.4 214.2

158 96.9 48.9 146.6

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#78

n-propylbenzene

Concen: 21.482 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003222.D

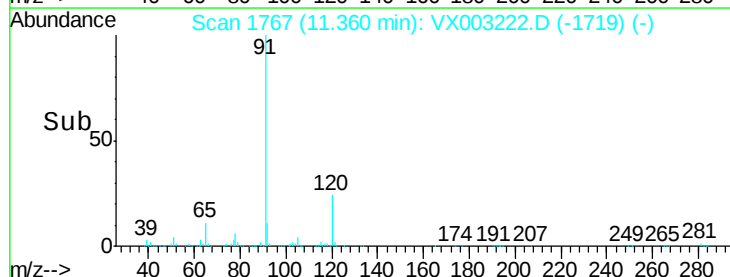
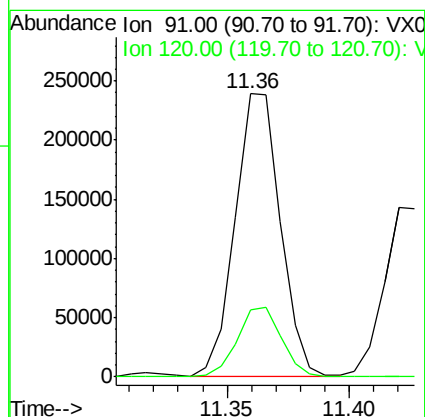
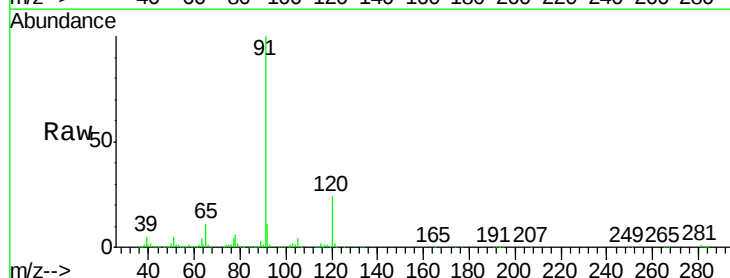
Acq: 06 Jul 2018 19:46

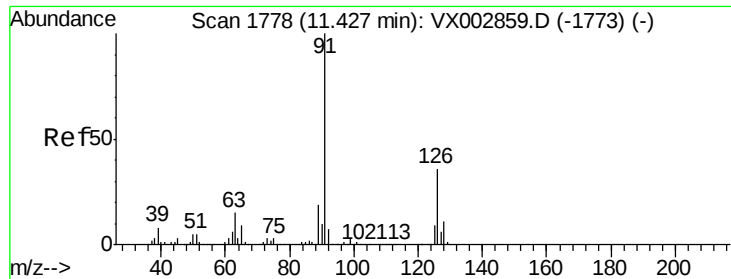
Tgt Ion: 91 Resp: 307429

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4





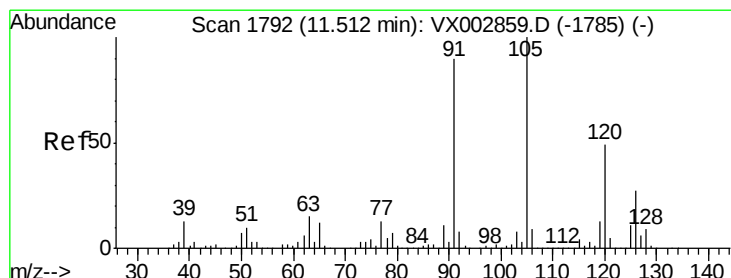
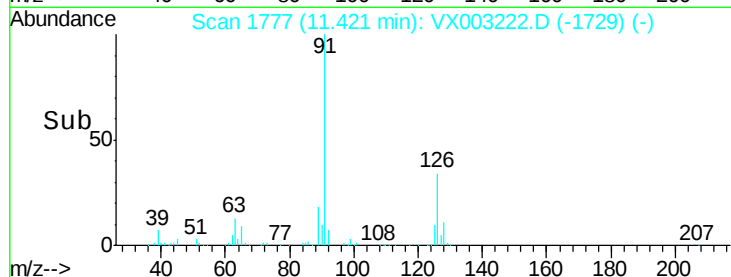
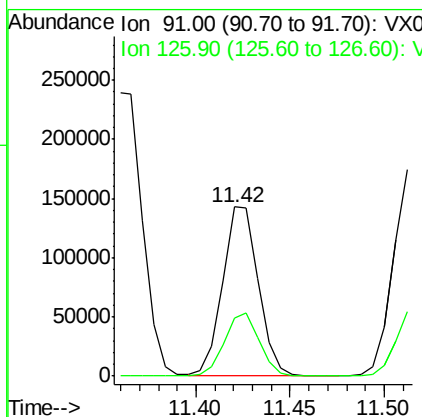
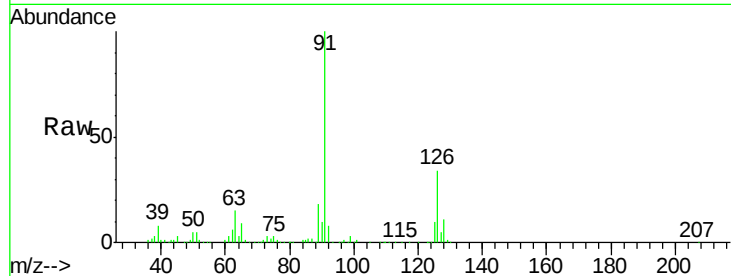
#79
2-Chlorotoluene
Concen: 21.578 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion: 91 Resp: 186952
Ion Ratio Lower Upper
91 100
126 36.5 17.7 53.1

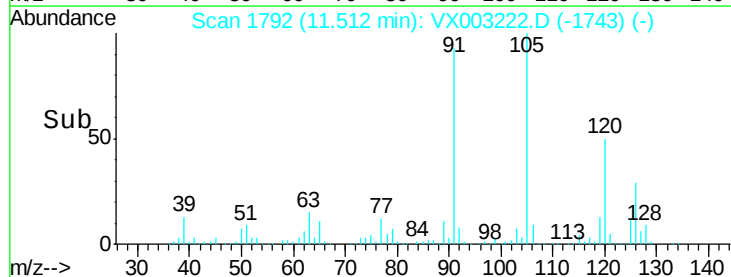
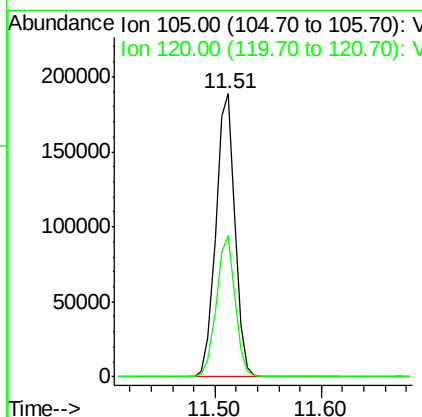
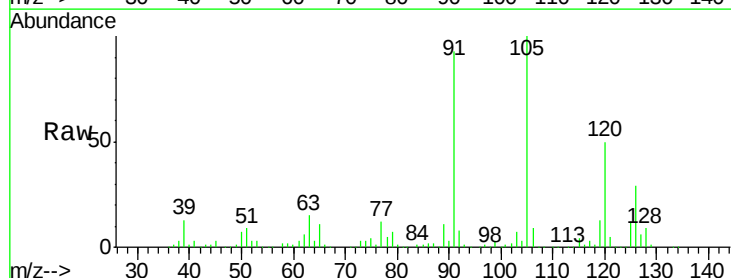
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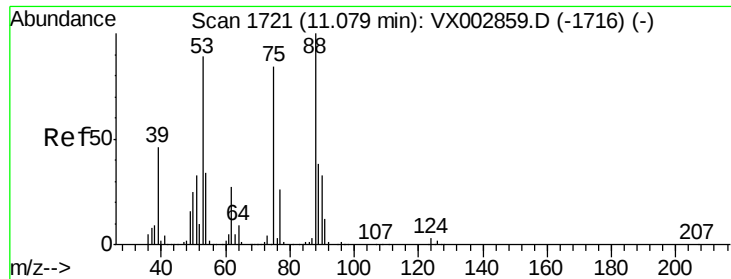
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#80
1,3,5-Trimethylbenzene
Concen: 21.975 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 105 Resp: 232692
Ion Ratio Lower Upper
105 100
120 49.2 24.4 73.4





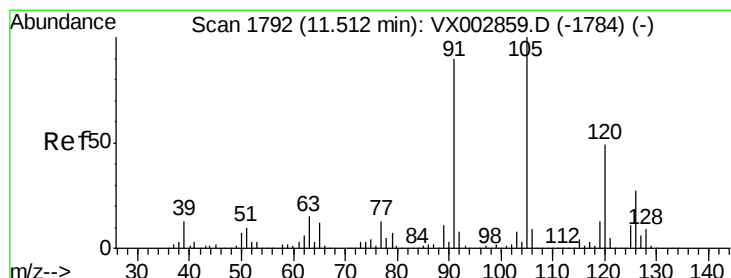
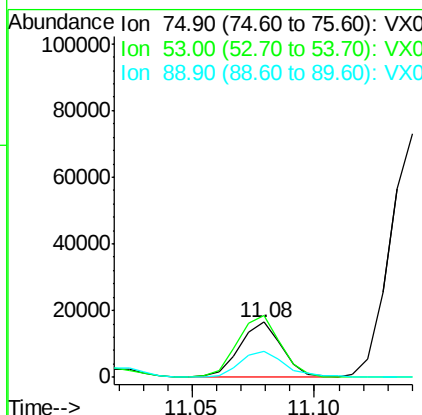
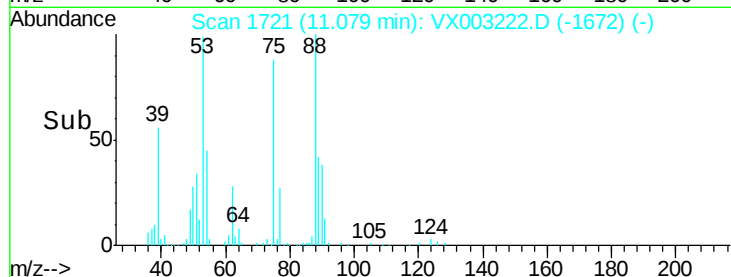
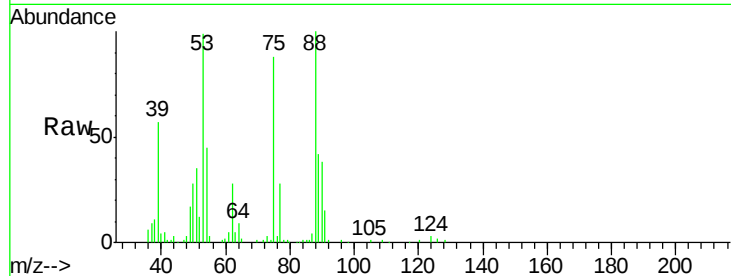
#81
trans-1,4-Dichloro-2-butene
Concen: 19.097 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.0	86.8	130.2
89	52.9	38.2	57.2

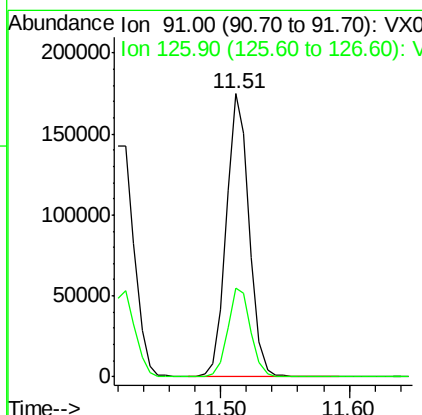
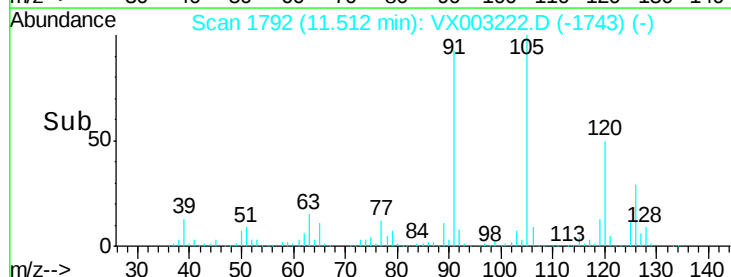
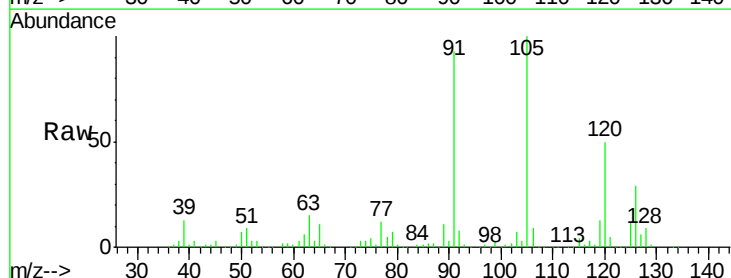
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#82
4-Chlorotoluene
Concen: 21.172 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





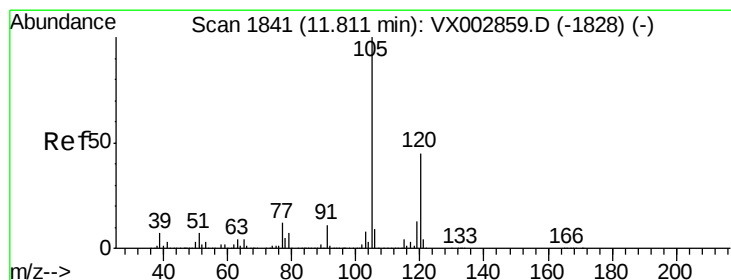
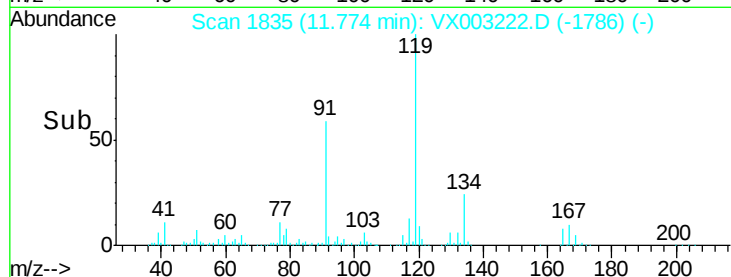
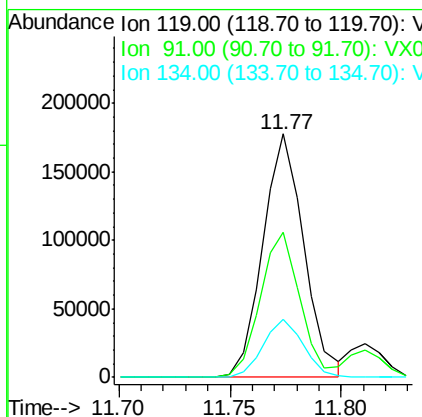
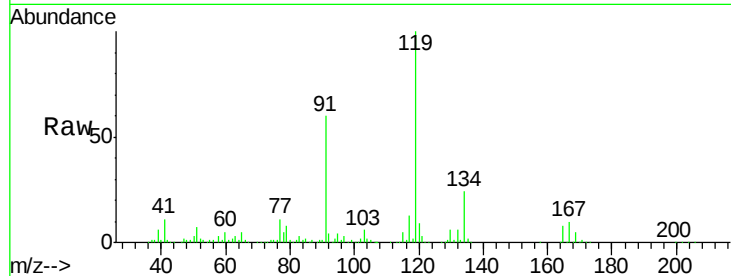
#83
tert-Butylbenzene
Concen: 21.737 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226846		
91	58.5	30.3	90.9	
134	23.7	11.7	35.1	

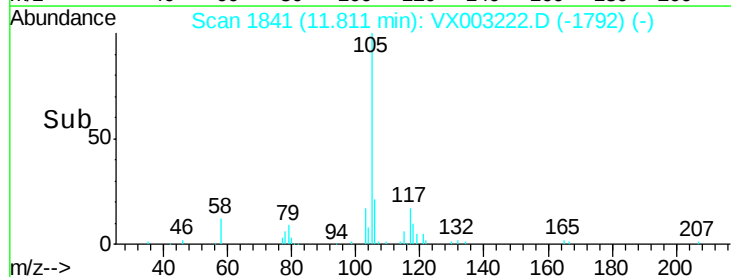
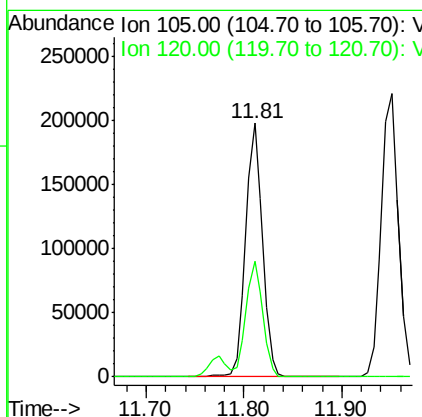
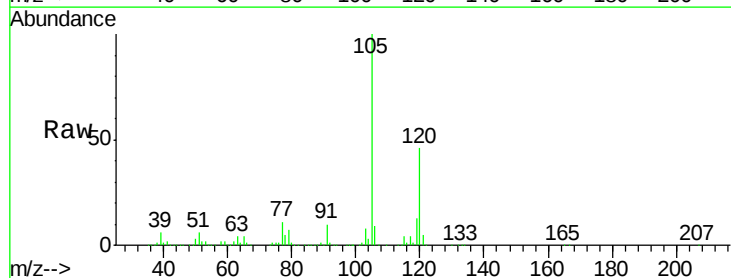
Manual Integrations
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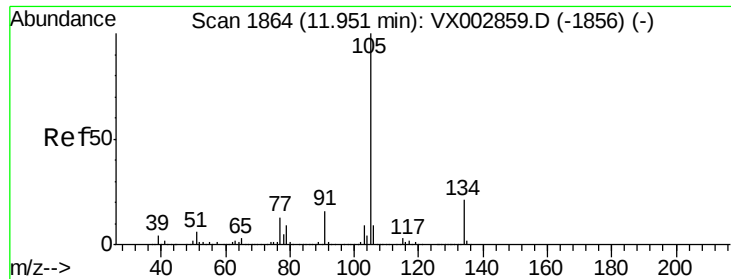
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#84
1,2,4-Trimethylbenzene
Concen: 21.609 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237077		
120	45.7	22.3	66.8	





#85

sec-Butylbenzene

Concen: 21.265 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion:105 Resp: 269224

Ion Ratio Lower Upper

105 100

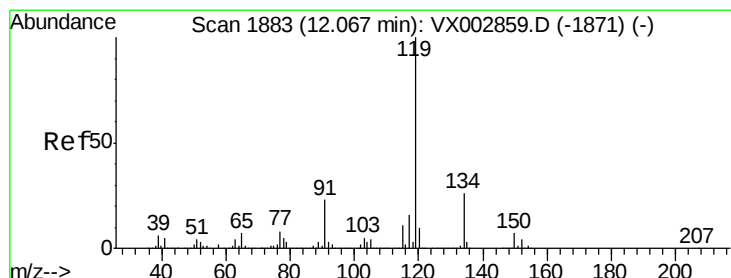
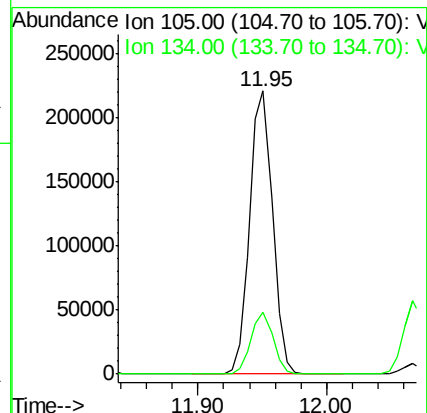
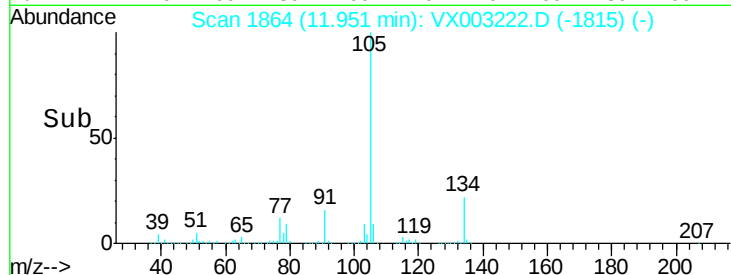
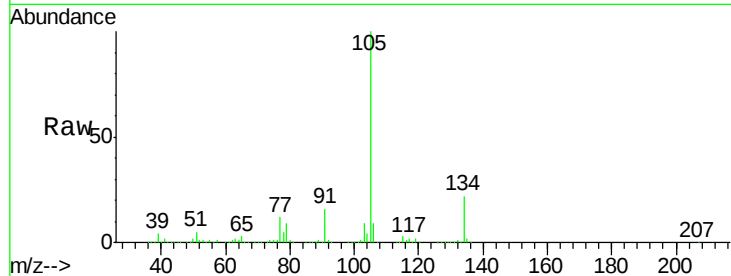
134 21.2 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.353 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

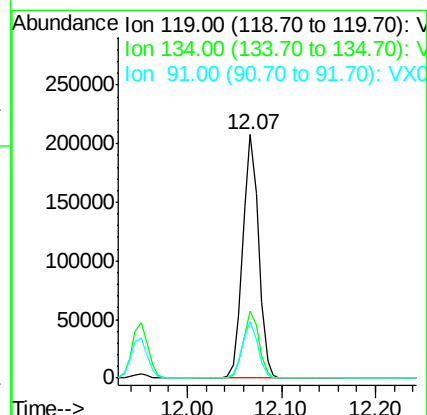
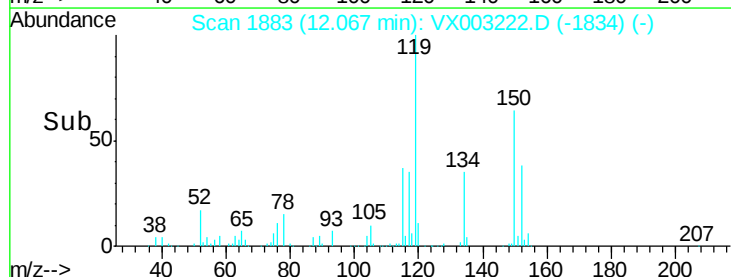
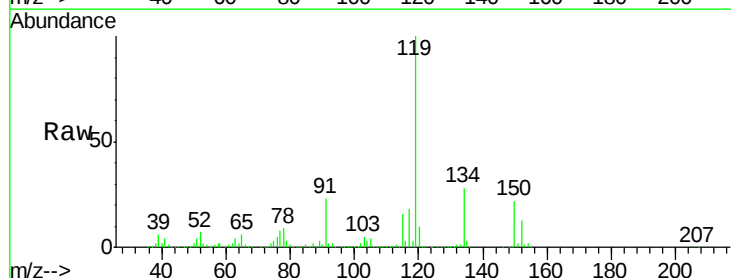
Tgt Ion:119 Resp: 243040

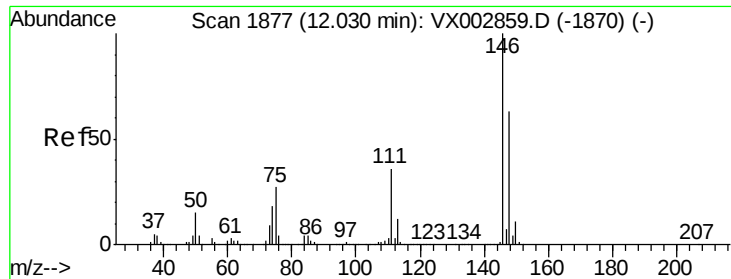
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.1 11.9 35.7





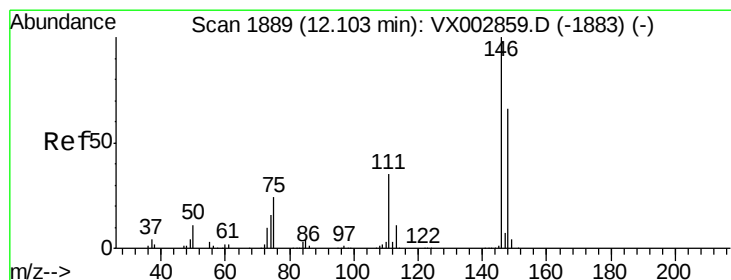
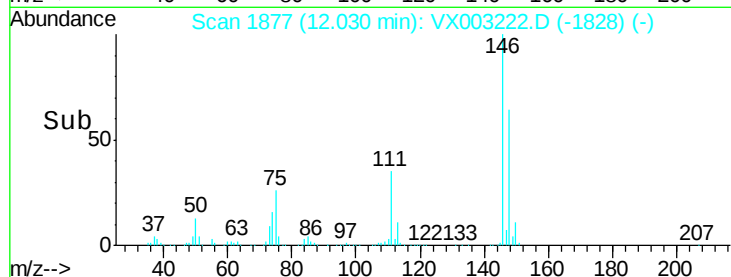
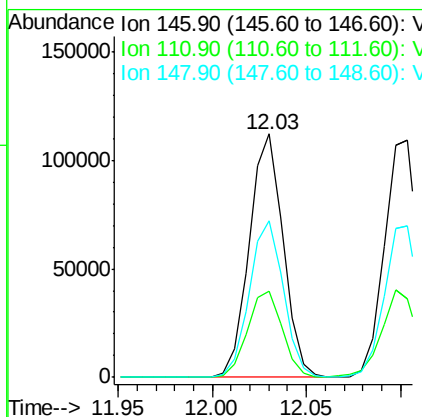
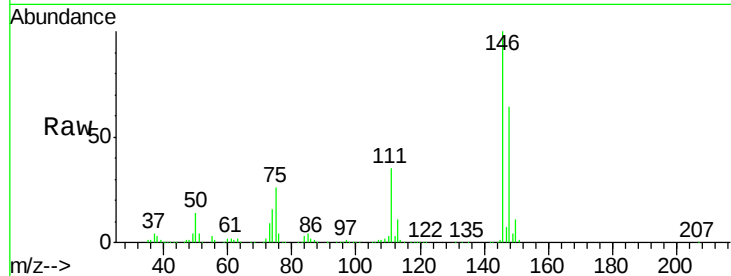
#87
 1,3-Dichlorobenzene
 Concen: 21.456 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.7
148	64.5	32.1	96.3

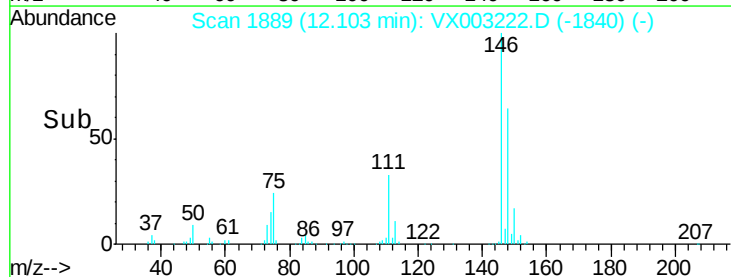
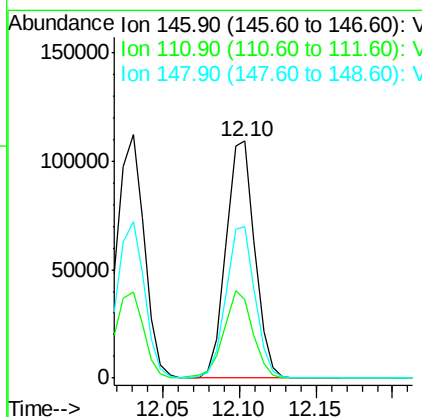
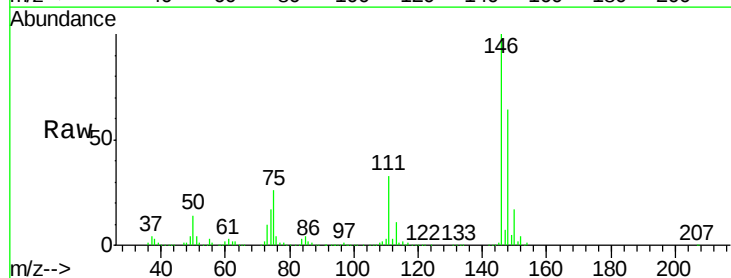
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#88
 1,4-Dichlorobenzene
 Concen: 21.137 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.8	32.4	97.0





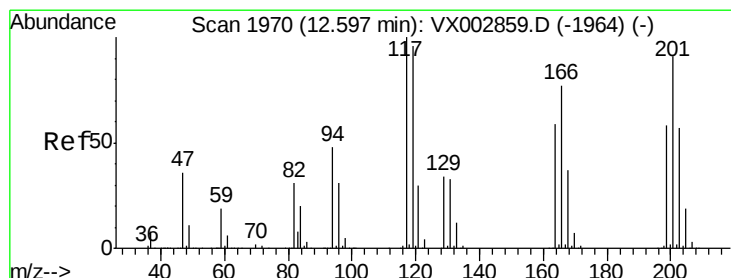
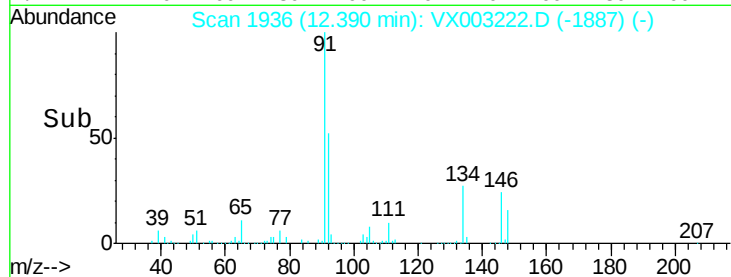
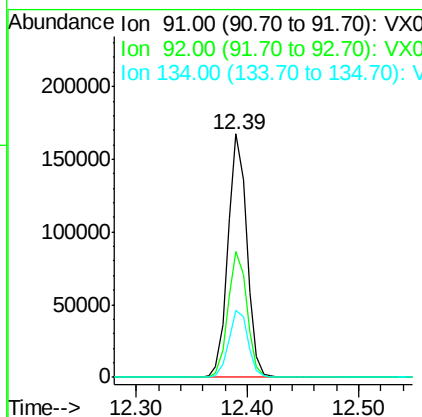
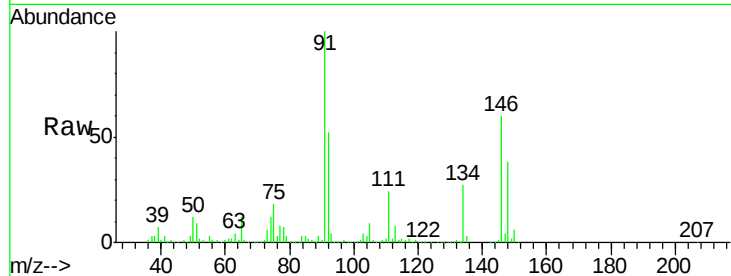
#89
n-Butylbenzene
Concen: 19.791 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	27.8	13.5	40.5

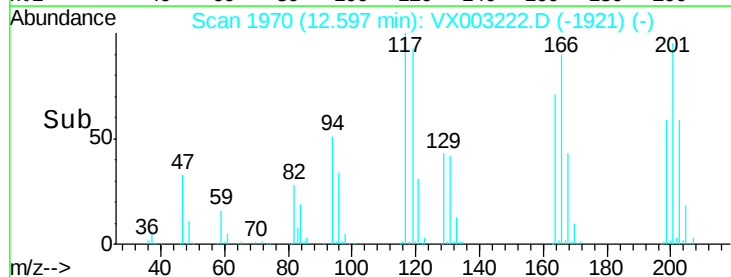
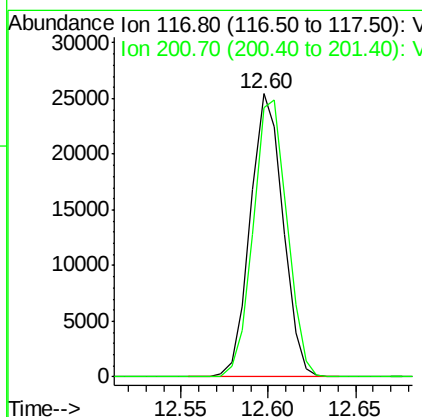
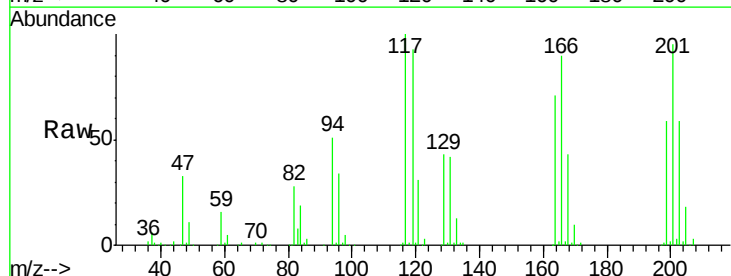
Manual Integrations
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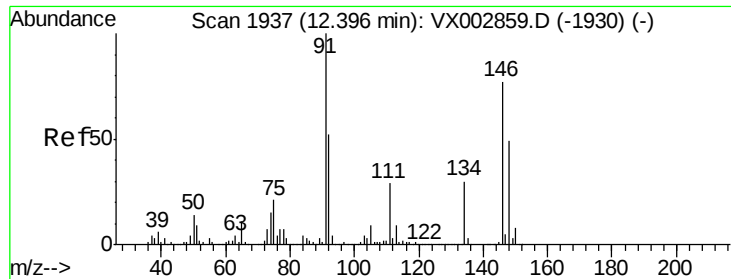
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#90
Hexachloroethane
Concen: 19.525 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.1	49.0	147.0





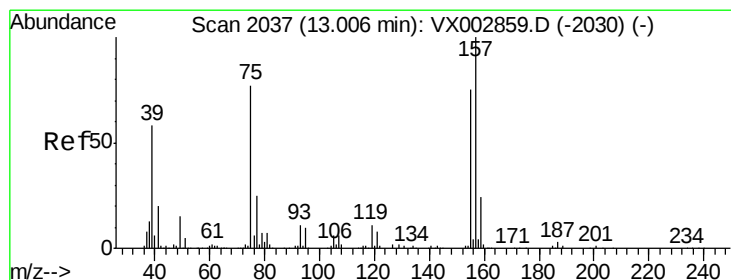
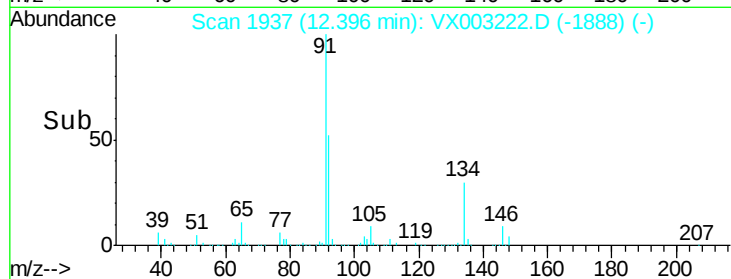
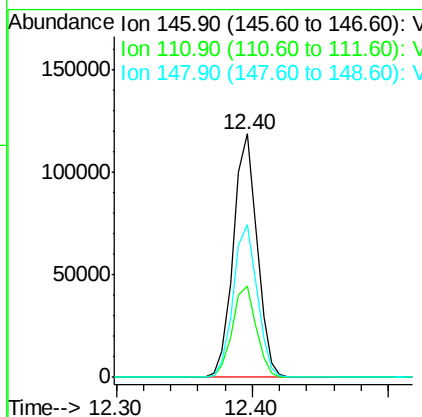
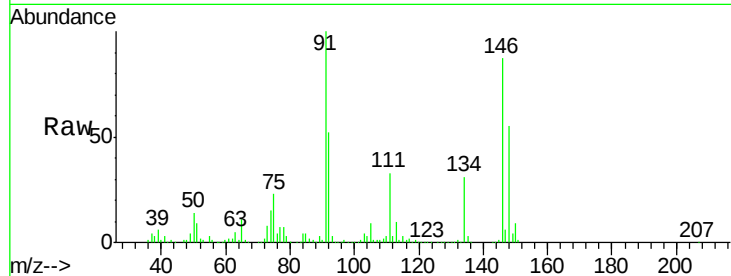
#91
 1,2-Dichlorobenzene
 Concen: 21.897 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.1
148	63.4	31.7	95.1

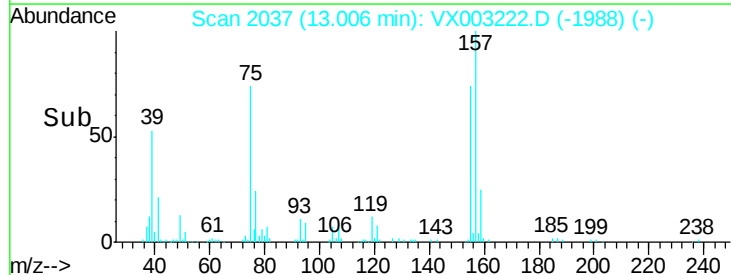
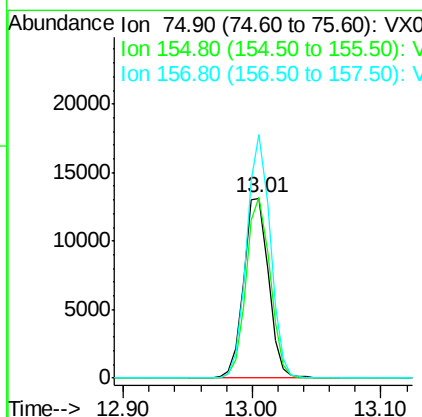
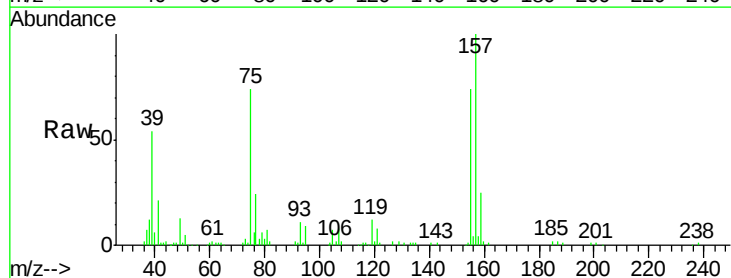
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.159 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	45.8	137.4
157	126.7	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 20.777 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

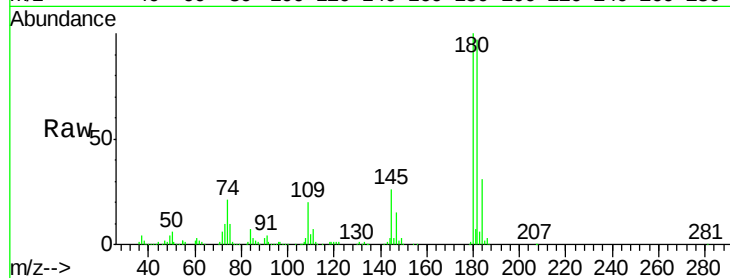
ClientSampled :

VX0706WBS01

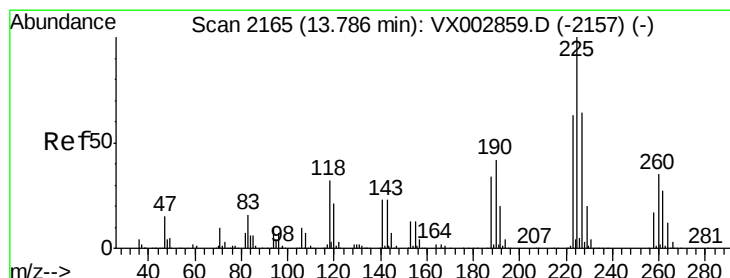
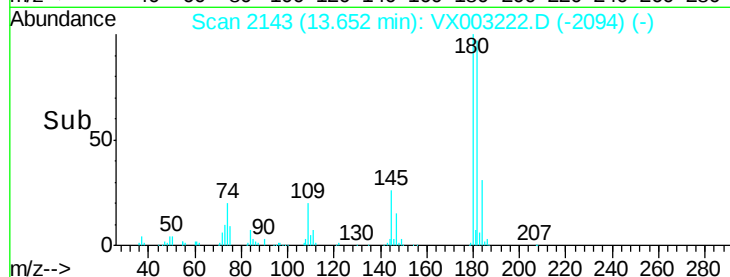
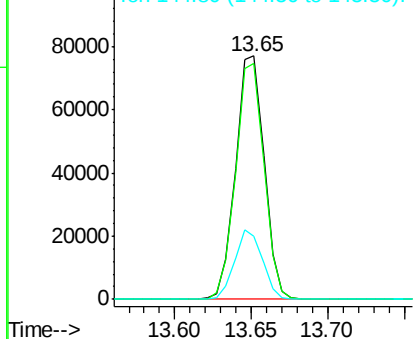
Tot Ion:	180	Resp:	99799
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.7	143.1
145	27.8	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:56:53 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.630 ug/l

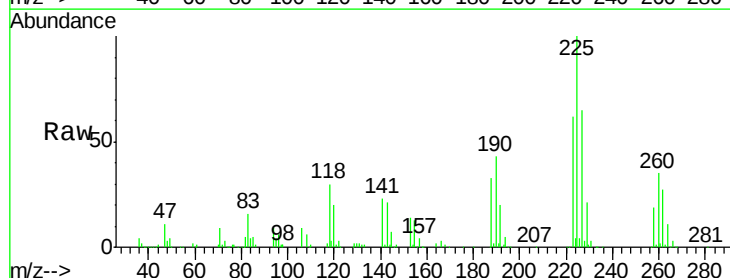
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

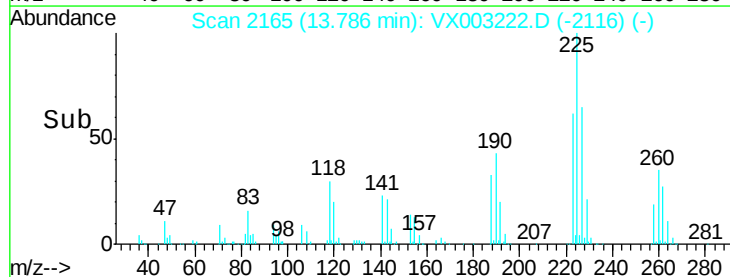
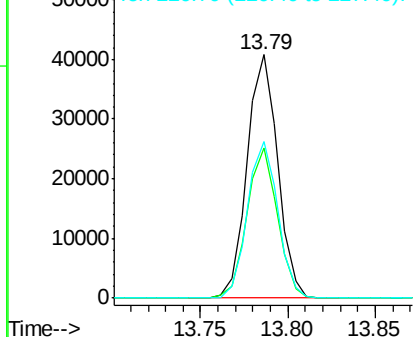
Lab File: VX003222.D

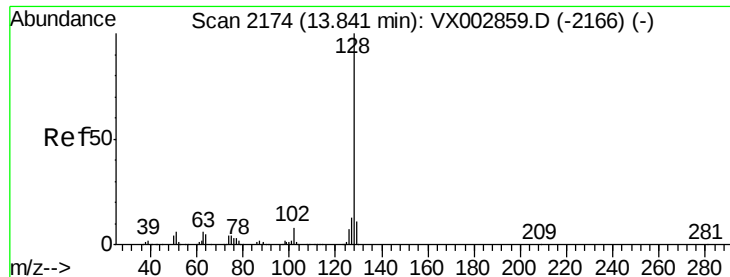
Acq: 06 Jul 2018 19:46

Tgt Ion:	225	Resp:	49422
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.6	95.0
227	64.3	32.4	97.2



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





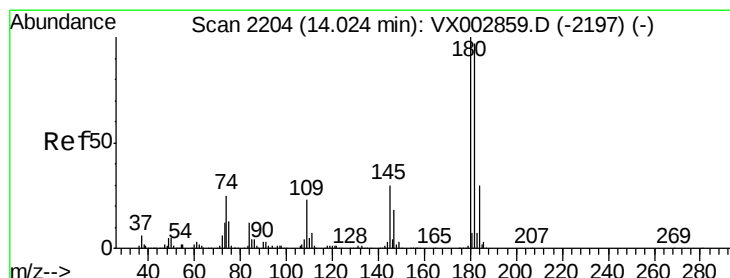
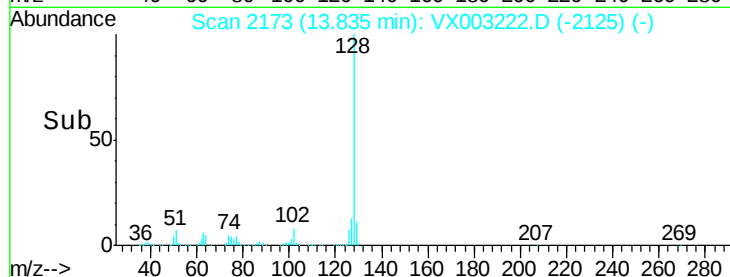
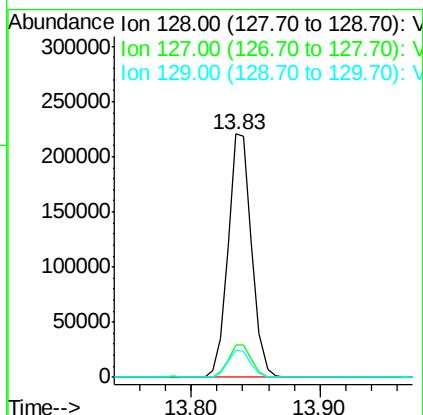
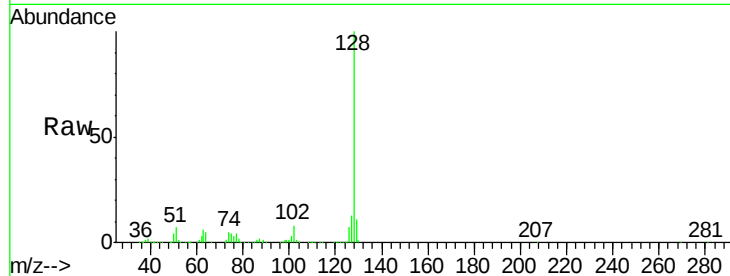
#95
Naphthalene
Concen: 22.091 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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7/9/2018 12:56:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.987 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.0
145	28.7	14.8	44.3

