

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003191.D
 Acq On : 06 Jul 2018 00:34
 Operator : JC/MD
 Sample : VX0705WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:05 PM

Quant Time: Jul 06 03:36:54 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	249713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203925	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151941	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	
35) Dibromofluoromethane	5.51	113	128567	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	8.72	98	446863	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.14	95	171124	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	49370	21.98	ug/l	98
3) Chloromethane	1.32	50	51590	21.61	ug/l	100
4) Vinyl Chloride	1.40	62	58563	20.74	ug/l	95
5) Bromomethane	1.64	94	23721	16.15	ug/l	98
6) Chloroethane	1.72	64	36826	21.00	ug/l	97
7) Trichlorofluoromethane	1.93	101	92350	19.39	ug/l	98
8) Diethyl Ether	2.19	74	35109	20.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53334	19.32	ug/l	96
10) Methyl Iodide	2.51	142	45118	20.34	ug/l	96
11) Tert butyl alcohol	3.07	59	71123	103.44	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48960	19.88	ug/l	94
13) Acrolein	2.29	56	24200	66.64	ug/l	99
14) Allyl chloride	2.73	41	92747	19.11	ug/l	94
15) Acrylonitrile	3.15	53	153952	104.83	ug/l	99
16) Acetone	2.45	43	143896	100.67	ug/l	99
17) Carbon Disulfide	2.57	76	127128	19.37	ug/l	100
18) Methyl Acetate	2.78	43	77765	19.46	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	175627	19.84	ug/l	100
20) Methylene Chloride	2.86	84	62260	22.38	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	53974	20.12	ug/l	90
22) Diisopropyl ether	3.88	45	188148	20.28	ug/l	98
23) Vinyl Acetate	3.83	43	775589	98.70	ug/l	98
24) 1,1-Dichloroethane	3.70	63	100423	19.91	ug/l	99
25) 2-Butanone	4.71	43	231542	109.15	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48034	11.71	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	62677	20.84	ug/l	97
28) Bromochloromethane	5.02	49	47796	19.80	ug/l	90
29) Tetrahydrofuran	5.17	42	148616	109.25	ug/l	97
30) Chloroform	5.22	83	106876	20.65	ug/l	96
31) Cyclohexane	5.58	56	88127	20.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	94717	20.80	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75383	19.75	ug/l	97
37) Ethyl Acetate	4.87	43	89097	21.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	83721	19.99	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85738	19.29	ug/l	96
40) Benzene	6.15	78	233504	21.06	ug/l	97
41) Methacrylonitrile	5.07	41	50279	21.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89192	19.91	ug/l	98
43) Isopropyl Acetate	6.48	43	138489	20.10	ug/l	97
44) Trichloroethene	7.22	130	70047	21.19	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61086	20.77	ug/l	99
46) Dibromomethane	7.67	93	41317	20.24	ug/l	94
47) Bromodichloromethane	7.90	83	76445	20.26	ug/l	97
48) Methyl methacrylate	7.78	41	71134	20.03	ug/l	94
49) 1,4-Dioxane	7.76	88	30816	446.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	457512	106.12	ug/l	98
52) Toluene	8.79	92	148123	20.85	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	81657	19.11	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	73892	17.97	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	61604	21.11	ug/l	98
56) Ethyl methacrylate	9.18	69	87588	20.53	ug/l	94
57) 1,3-Dichloropropane	9.38	76	100431	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	188017	91.36	ug/l	98
59) 2-Hexanone	9.50	43	348423	106.34	ug/l	97
60) Dibromochloromethane	9.59	129	62438	20.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65241	21.31	ug/l	99
64) Tetrachloroethene	9.34	164	85749	23.36	ug/l	98
65) Chlorobenzene	10.14	112	170633	20.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63956	20.99	ug/l	98
67) Ethyl Benzene	10.26	91	278590	20.11	ug/l	99
68) m/p-Xylenes	10.36	106	217746	40.78	ug/l	98
69) o-Xylene	10.70	106	106236	20.43	ug/l	98
70) Styrene	10.71	104	177856	21.05	ug/l	98
71) Bromoform	10.86	173	48846	20.26	ug/l	99
73) Isopropylbenzene	11.02	105	289494	21.10	ug/l	99
74) N-amyl acetate	6.48	43	138489	20.63	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	89212	21.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87343m	23.65	ug/l	
77) Bromobenzene	11.26	156	82243	21.05	ug/l	96
78) n-propylbenzene	11.37	91	319433	20.46	ug/l	98
79) 2-Chlorotoluene	11.43	91	195324	20.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	239230	20.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18482	16.90	ug/l	98
82) 4-Chlorotoluene	11.51	91	226128	20.20	ug/l	98
83) tert-Butylbenzene	11.77	119	232416	20.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247086	20.64	ug/l	98
85) sec-Butylbenzene	11.95	105	284046	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	255332	20.56	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145868	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148391	20.21	ug/l	100
89) n-Butylbenzene	12.39	91	204878	18.95	ug/l	99
90) Hexachloroethane	12.60	117	35781	19.37	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	148881	20.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19702	20.74	ug/l	96

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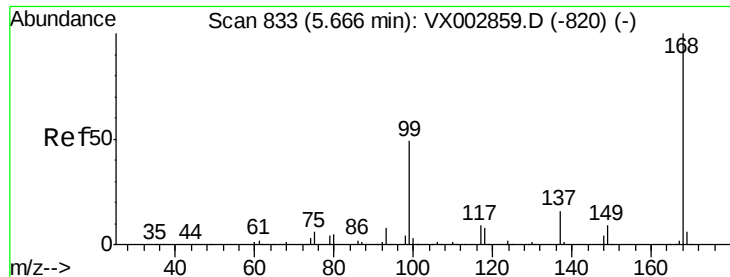
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112579	21.48	ug/l	98
94) Hexachlorobutadiene	13.79	225	55379	21.18	ug/l	100
95) Naphthalene	13.84	128	320777	22.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117635	22.47	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion:168 Resp: 249713

Ion Ratio Lower Upper

168 100

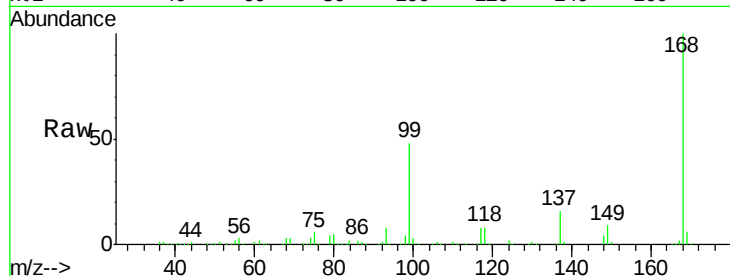
99 47.6 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

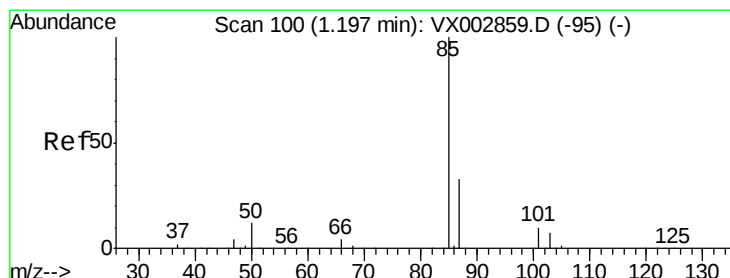
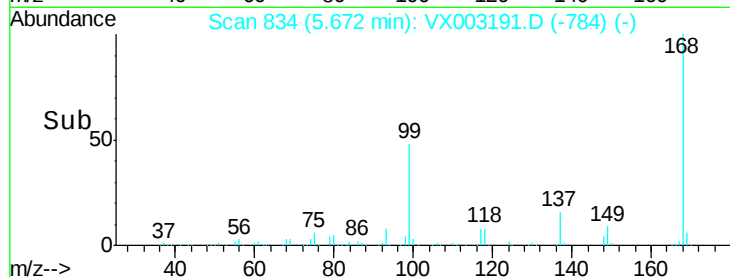
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003191.D

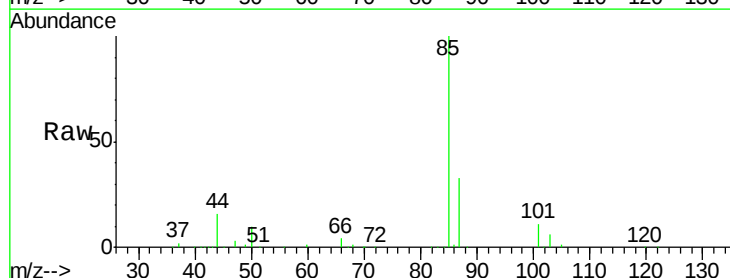
Acq: 06 Jul 2018 00:34

Tgt Ion: 85 Resp: 49370

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

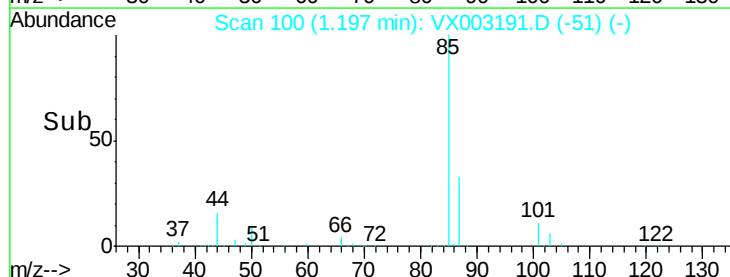
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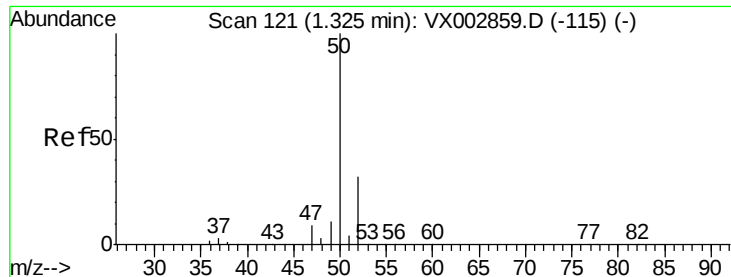
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 50 Resp: 51590

Ion Ratio Lower Upper

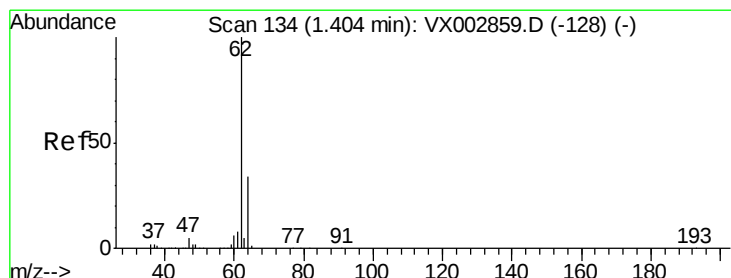
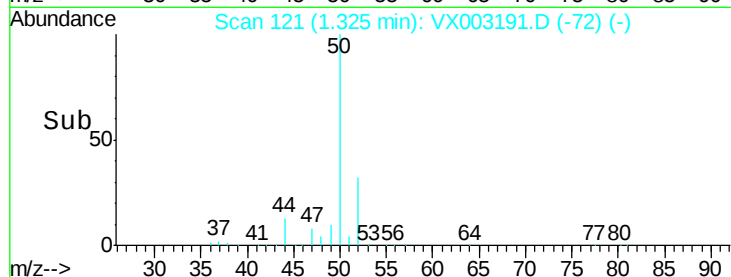
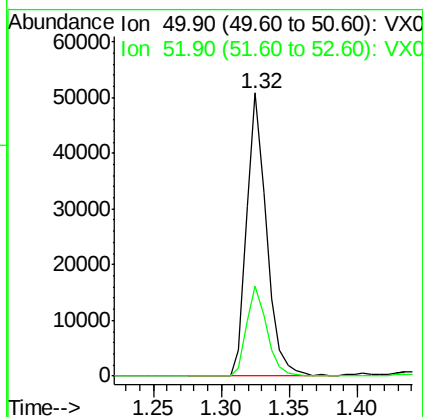
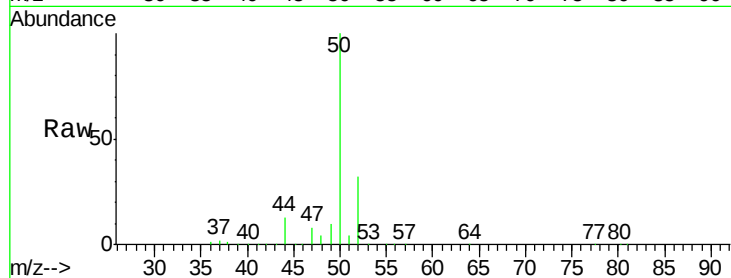
50 100

52 31.9 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003191.D

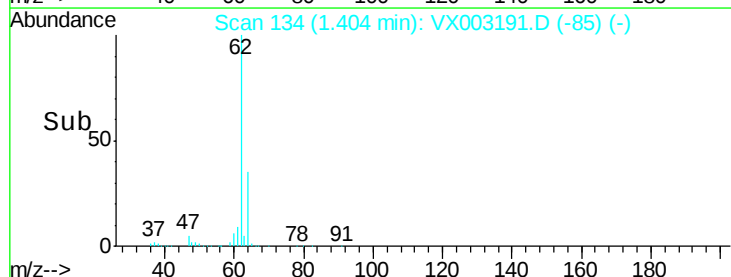
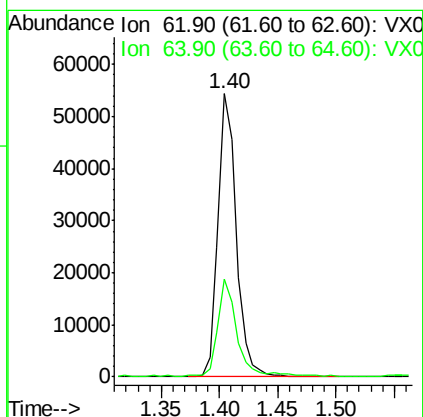
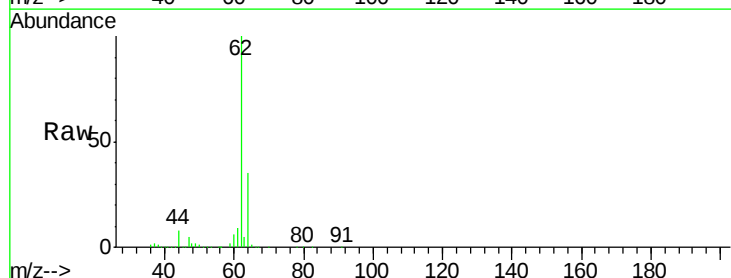
Acq: 06 Jul 2018 00:34

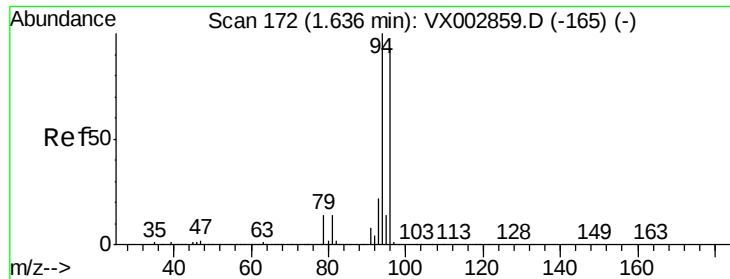
Tgt Ion: 62 Resp: 58563

Ion Ratio Lower Upper

62 100

64 34.4 25.4 38.2





#5

Bromomethane

Concen: 16.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS03

Tot Ion: 94 Resp: 23721

Ion Ratio Lower Upper

94 100

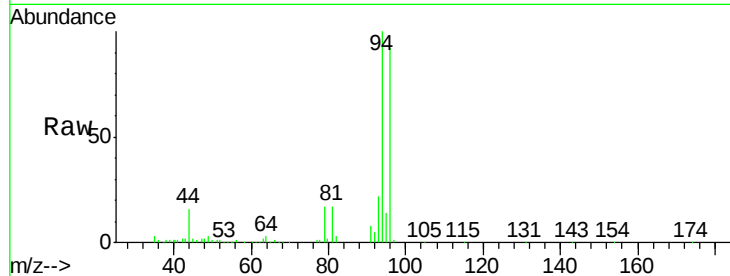
96 91.8 74.9 112.3

Manual Integrations

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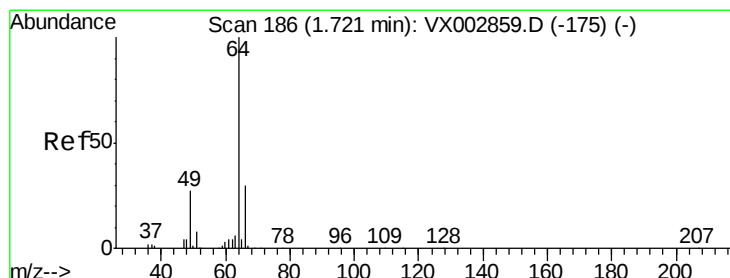
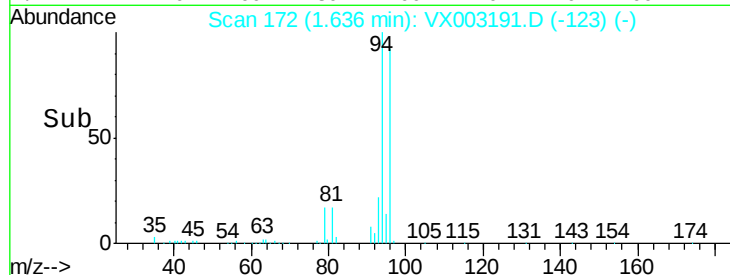
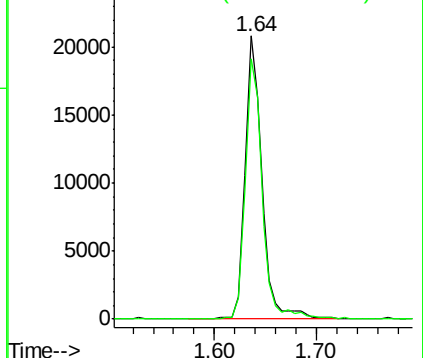
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.00 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003191.D

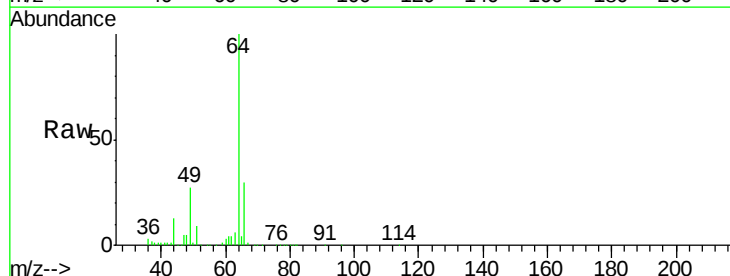
Acq: 06 Jul 2018 00:34

Tgt Ion: 64 Resp: 36826

Ion Ratio Lower Upper

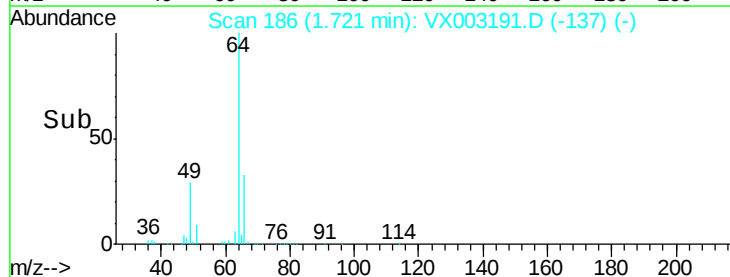
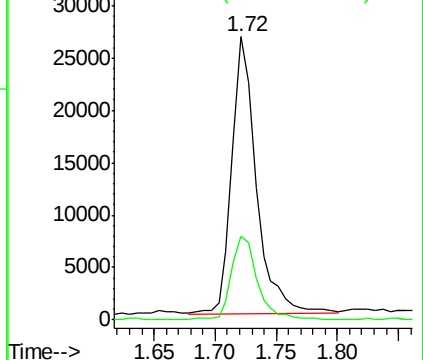
64 100

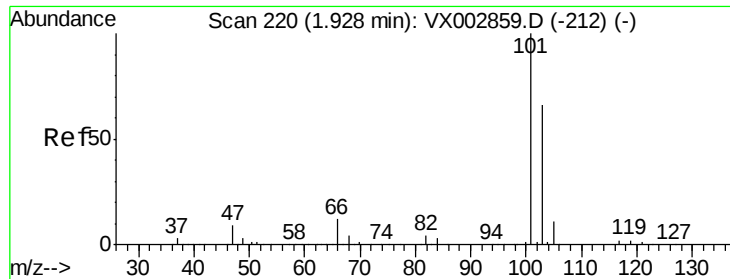
66 30.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

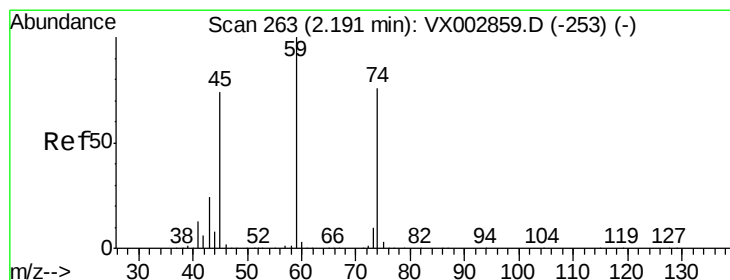
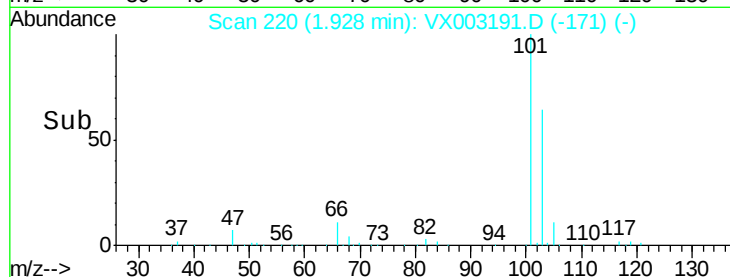
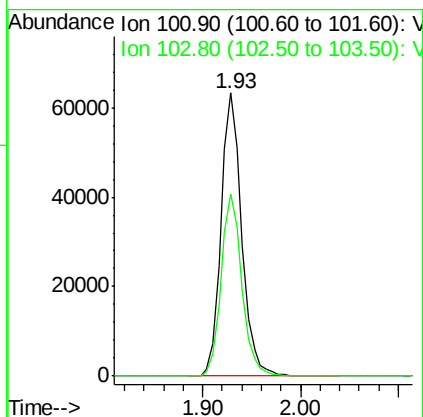
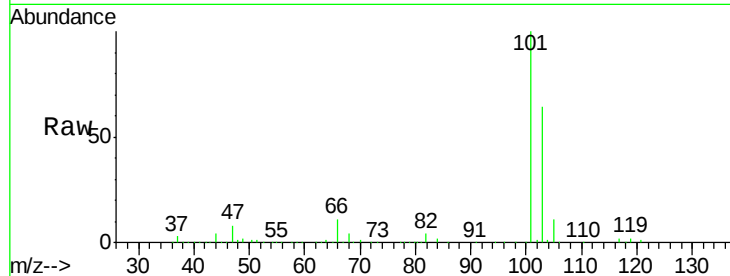
Trichlorofluoromethane
Concen: 19.39 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

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Tot Ion:101 Resp: 92350
Ion Ratio Lower Upper
101 100
103 64.5 52.8 79.2

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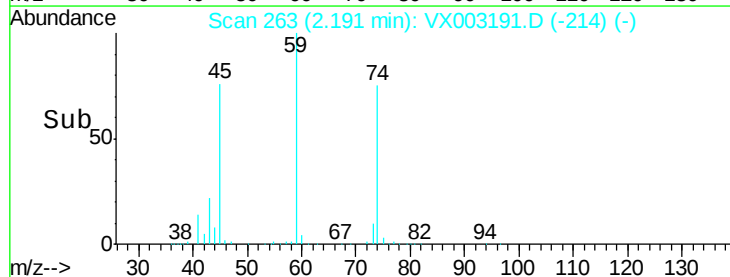
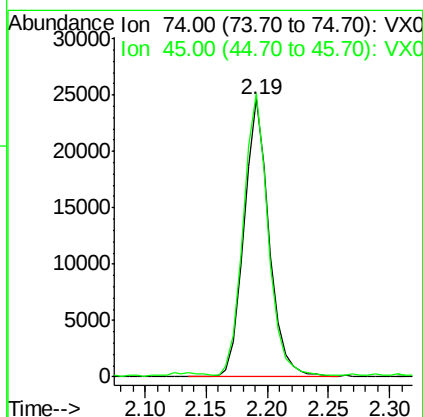
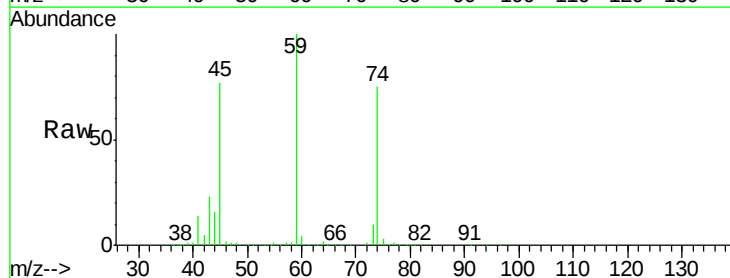
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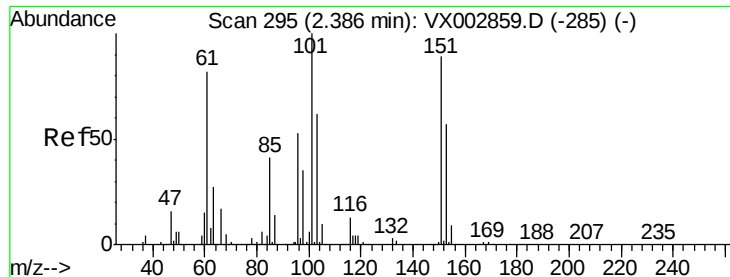


#8

Diethyl Ether
Concen: 20.27 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion: 74 Resp: 35109
Ion Ratio Lower Upper
74 100
45 100.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.32 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

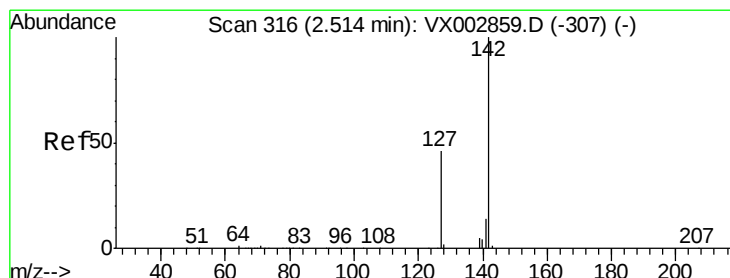
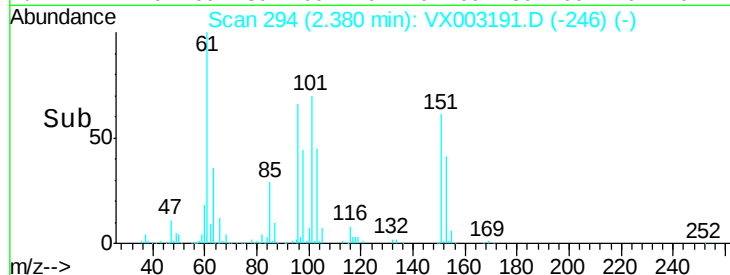
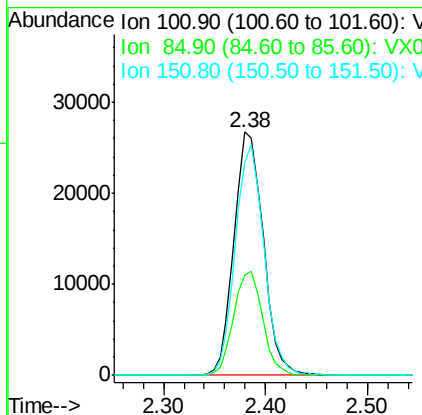
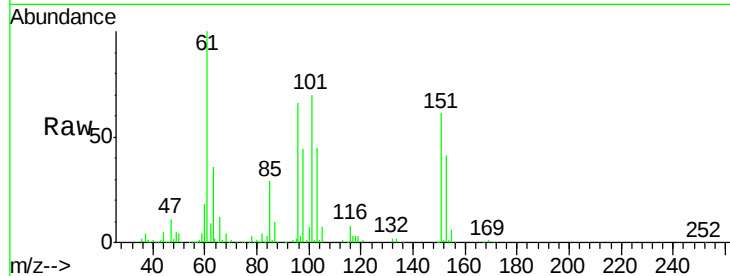
ClientSampleId :

VX0705WBS03

Tot Ion:	101	Resp:	53334
Ion Ratio	Lower	Upper	
101	100		
85	42.4	36.0	54.0
151	92.7	70.9	106.3

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#10

Methyl Iodide

Concen: 20.34 ug/l

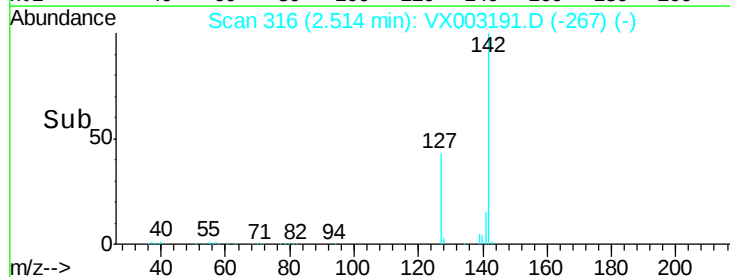
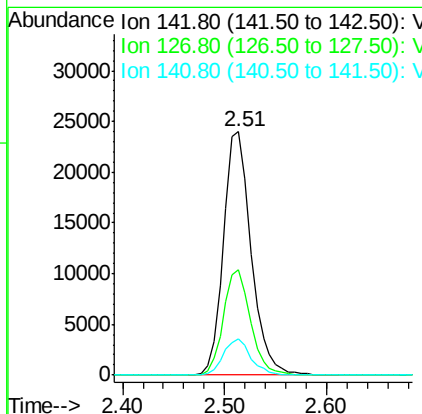
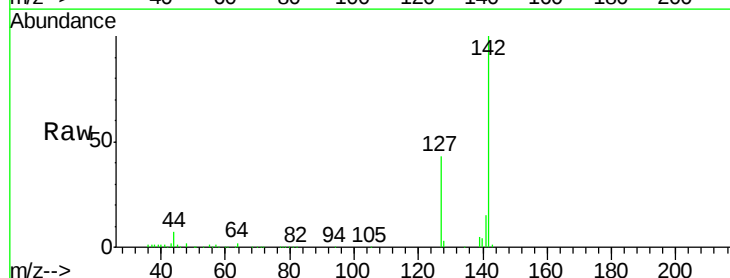
RT: 2.51 min Scan# 316

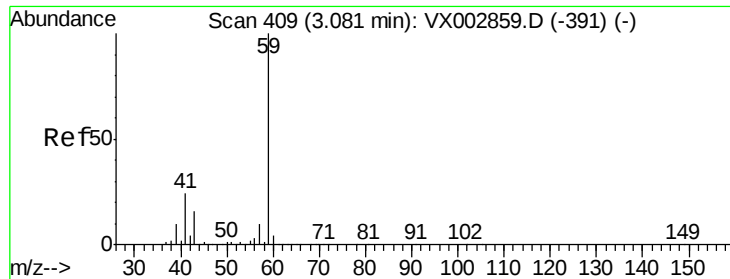
Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	142	Resp:	45118
Ion Ratio	Lower	Upper	
142	100		
127	42.5	36.6	55.0
141	14.7	11.3	16.9





#11

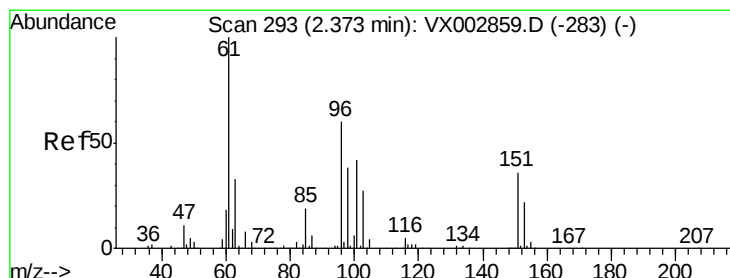
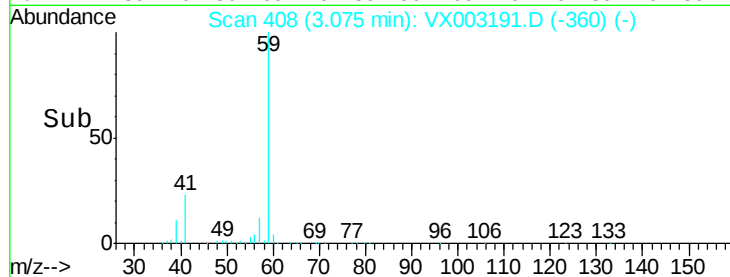
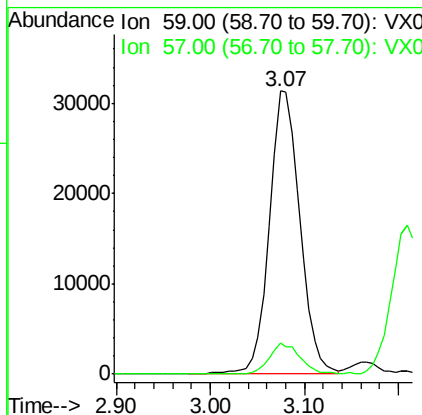
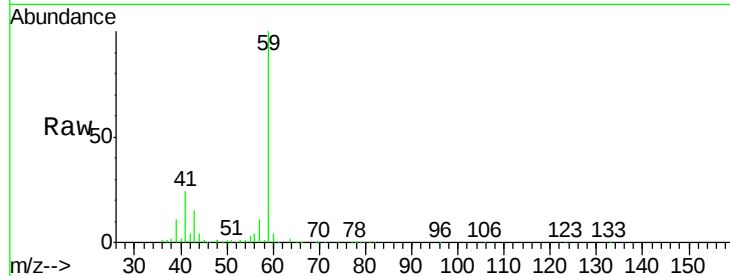
Tert butyl alcohol
Concen: 103.44 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	59	Resp	71123
Ion Ratio	100	Lower	Upper
57	11.1	8.2	12.2

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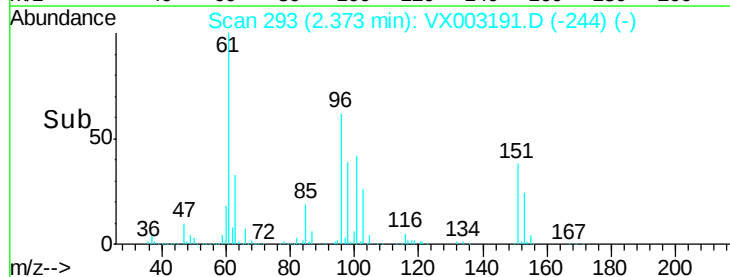
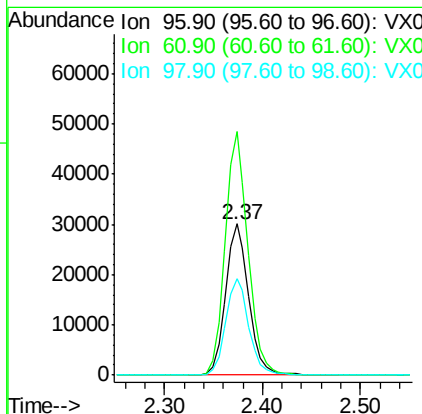
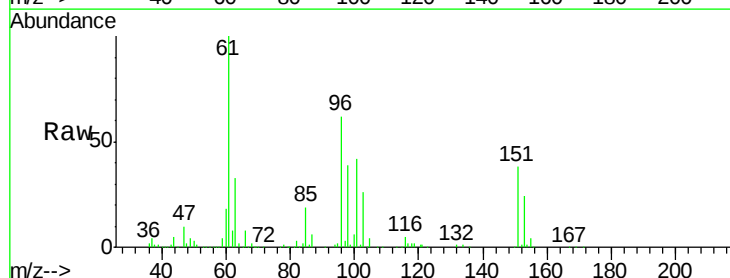
sam
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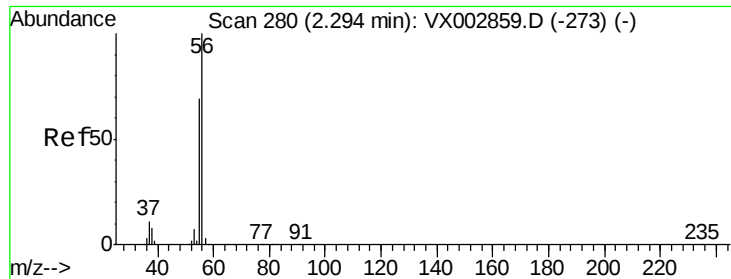


#12

1,1-Dichloroethene
Concen: 19.88 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	96	Resp	48960
Ion Ratio	100	Lower	Upper
61	161.0	137.9	206.9
98	63.6	51.6	77.4





#13

Acrolein

Concen: 66.64 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 56 Resp: 24200

Ion Ratio Lower Upper

56 100

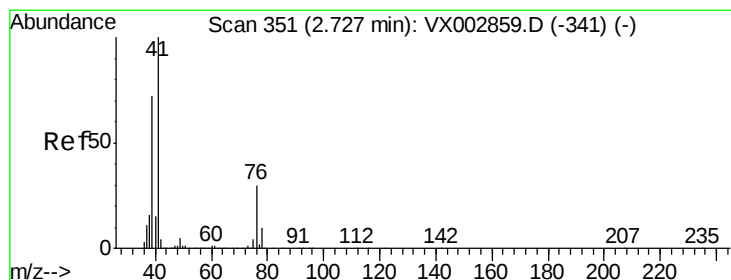
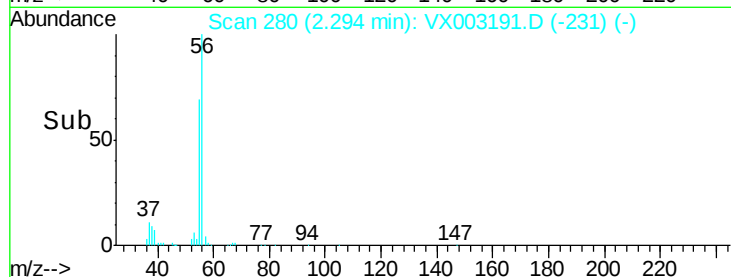
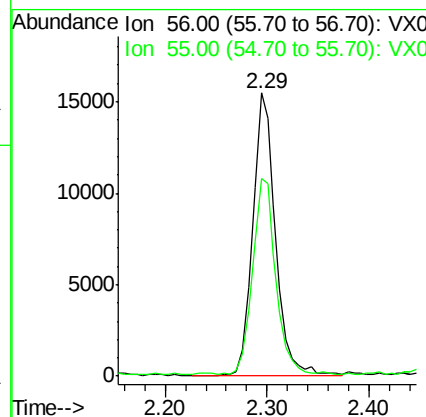
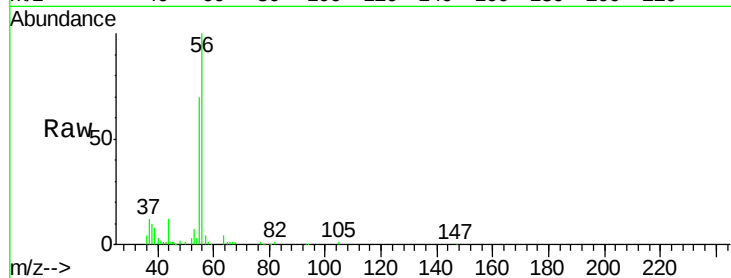
55 70.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.11 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

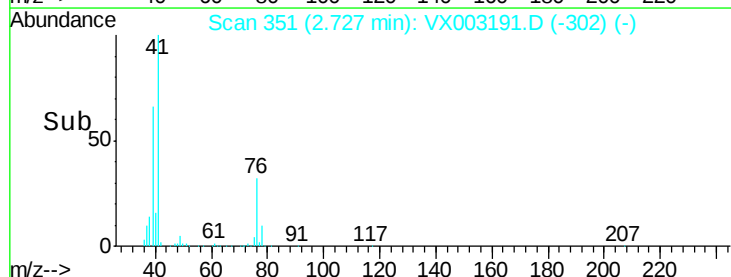
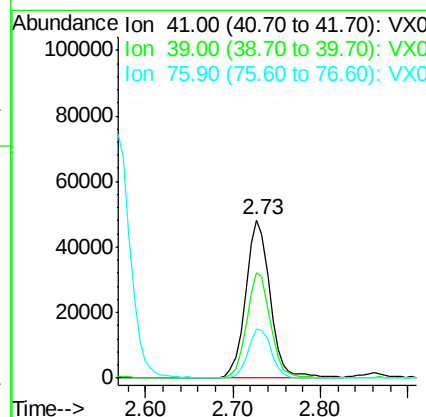
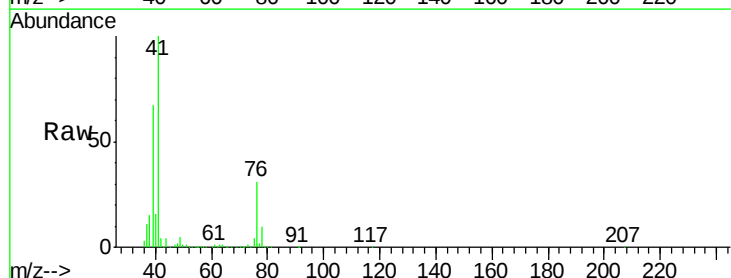
Tgt Ion: 41 Resp: 92747

Ion Ratio Lower Upper

41 100

39 64.7 56.8 85.2

76 29.4 23.8 35.8





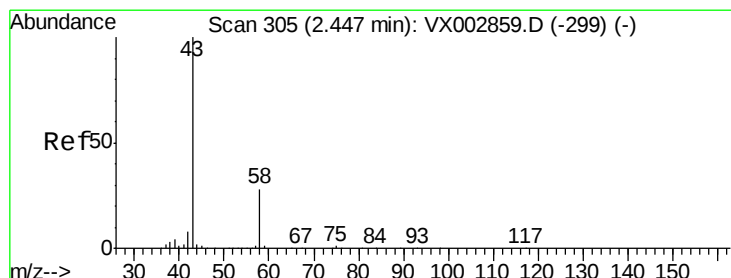
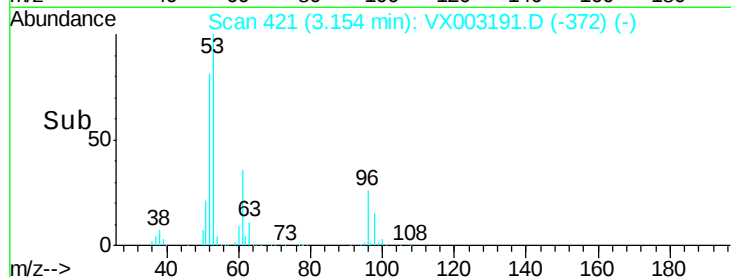
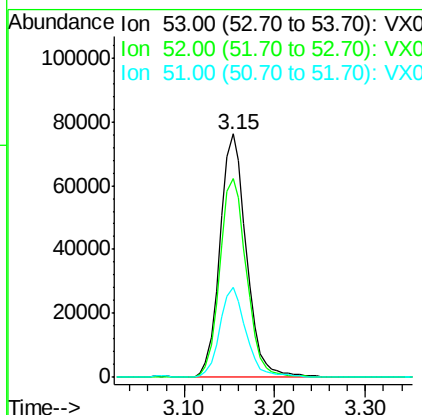
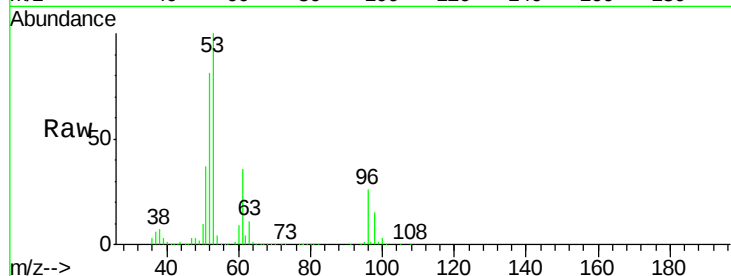
#15
 Acrylonitrile
 Concen: 104.83 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	36.7	29.9	44.9

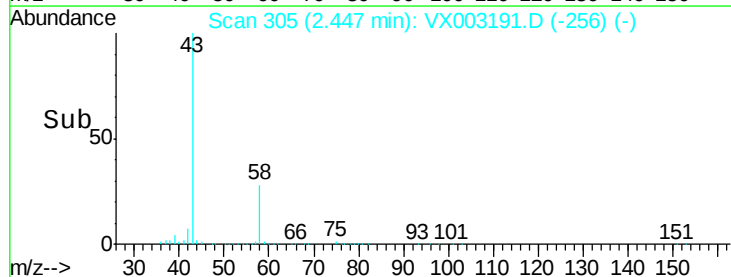
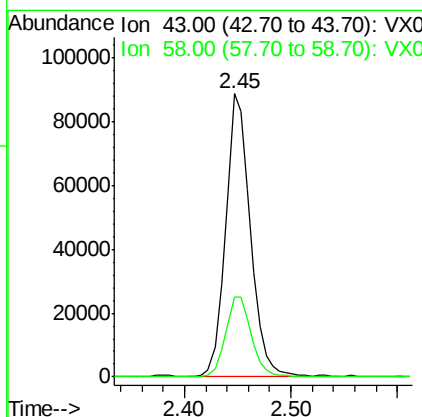
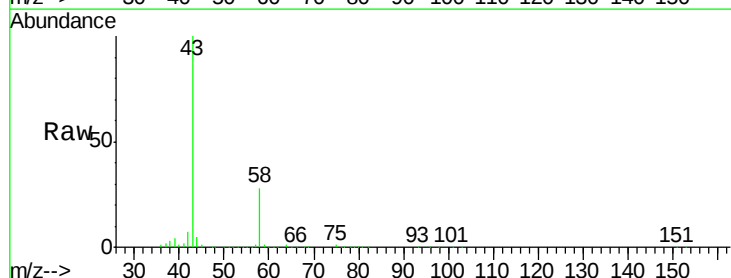
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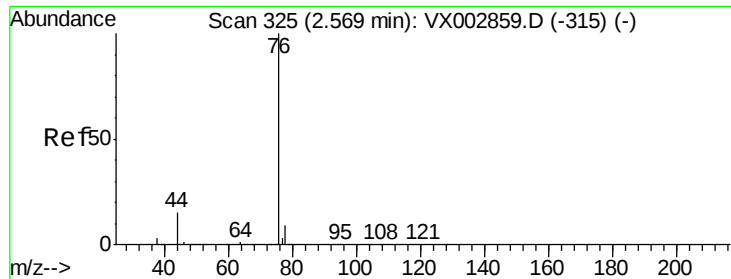
sam
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#16
 Acetone
 Concen: 100.67 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.1	33.1





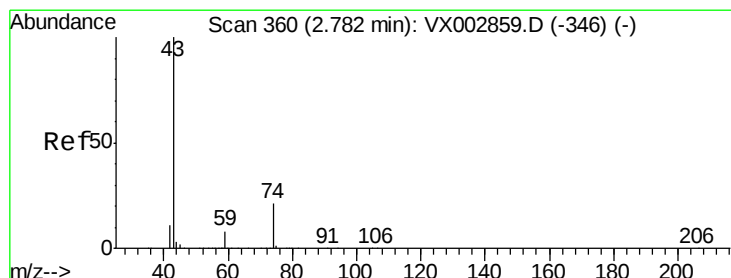
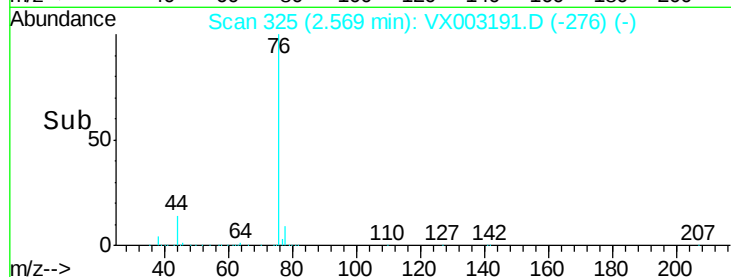
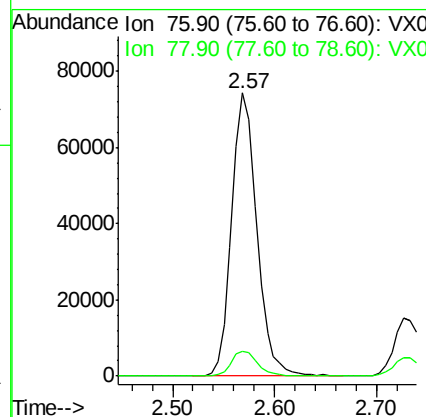
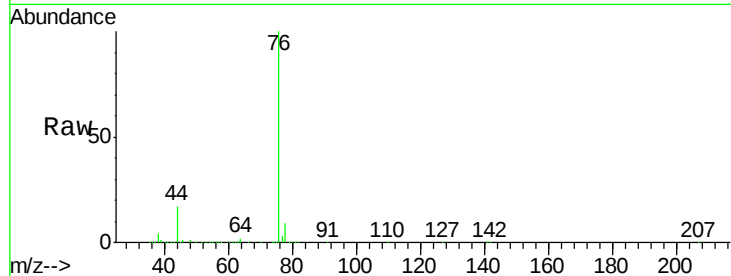
#17
Carbon Disulfide
Concen: 19.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.9	10.3

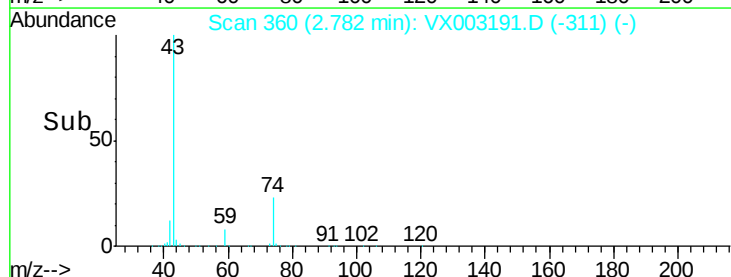
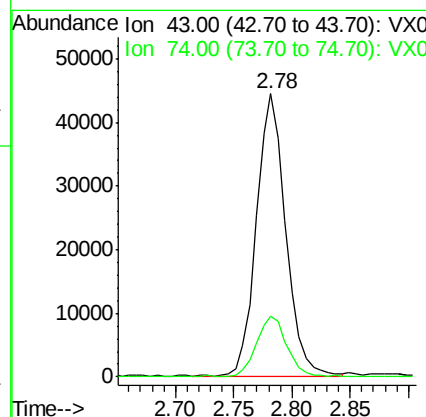
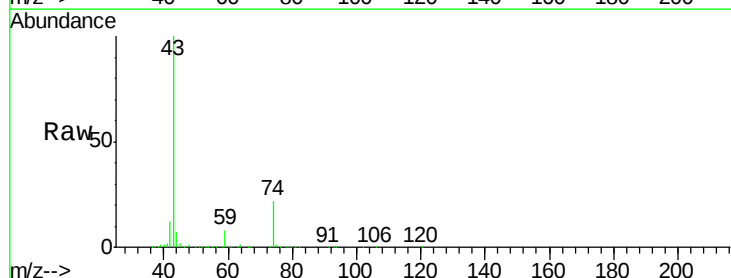
Manual Integrations
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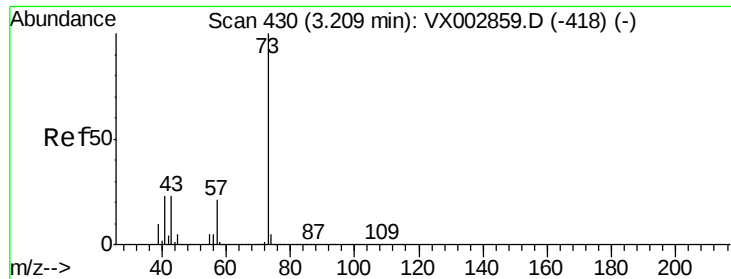
sam
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#18
Methyl Acetate
Concen: 19.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1





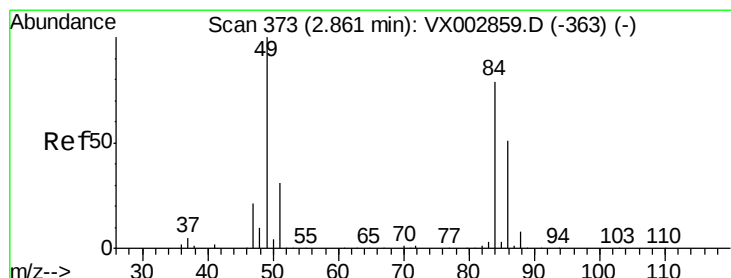
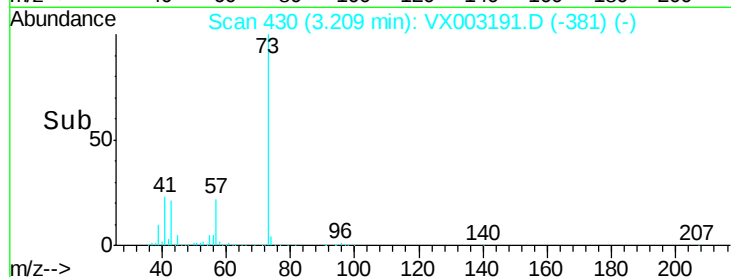
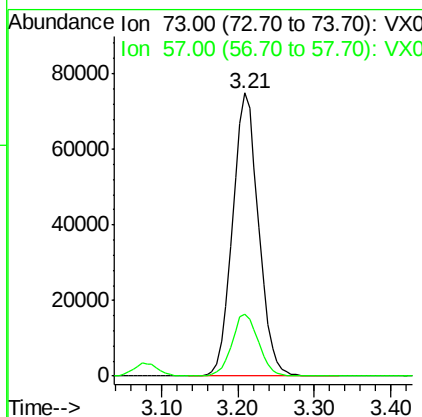
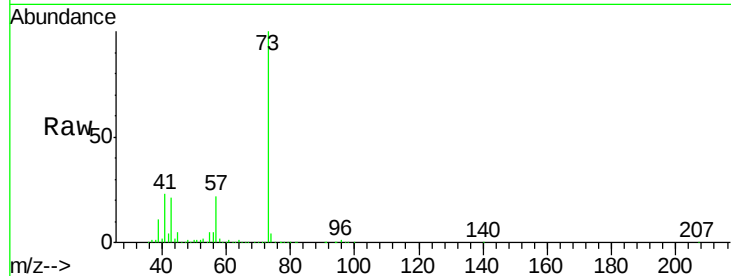
#19
Methvl tert-butvl Ether
Concen: 19.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion: 73 Resp: 175627
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

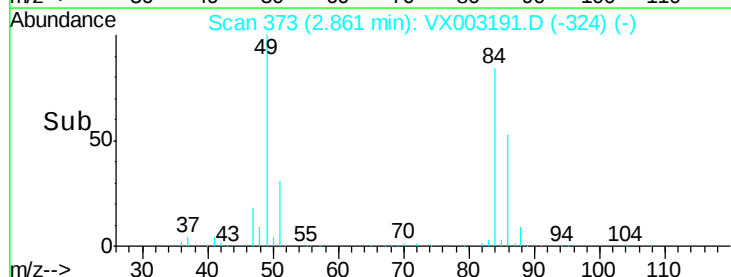
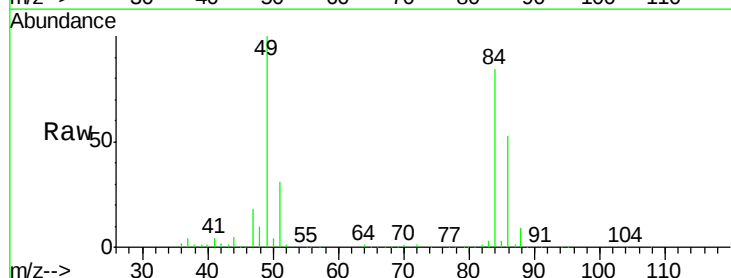
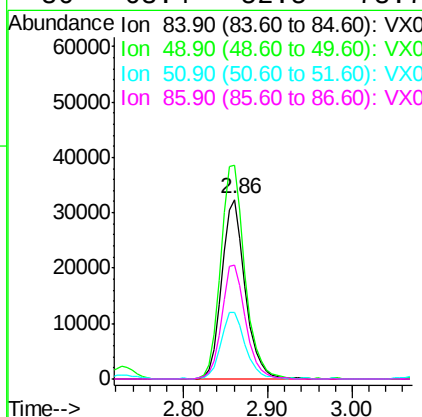
Manual Integrations
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#20
Methylene Chloride
Concen: 22.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion: 84 Resp: 62260
Ion Ratio Lower Upper
84 100
49 118.6 107.8 161.6
51 36.6 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.12 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

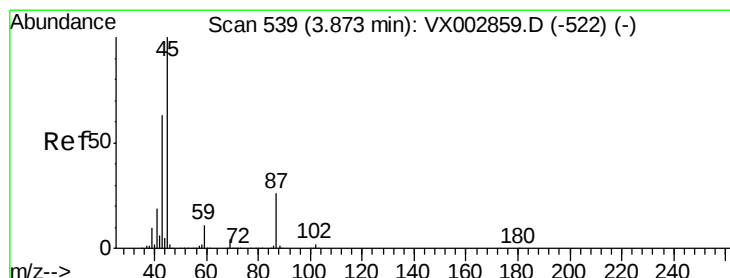
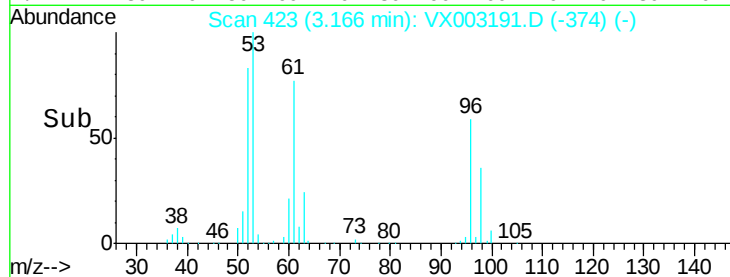
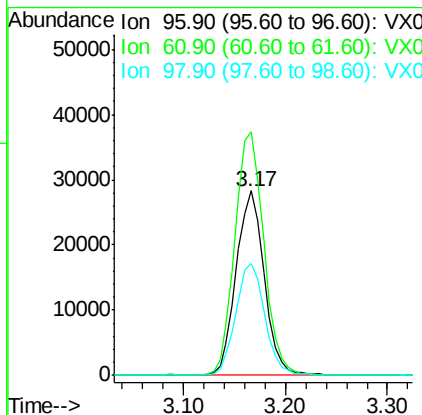
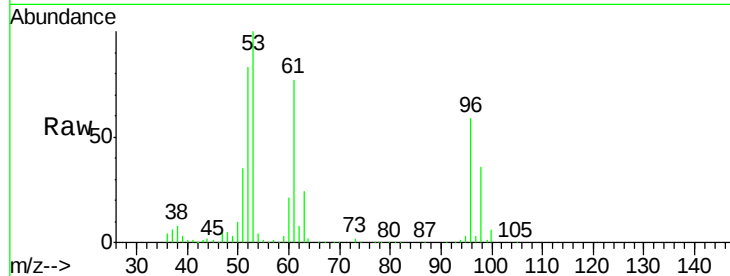
ClientSampleId :

VX0705WBS03

Tot Ion:	96	Resp:	53974
Ion	Ratio	Lower	Upper
96	100		
61	131.9	117.0	175.4
98	60.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.28 ug/l

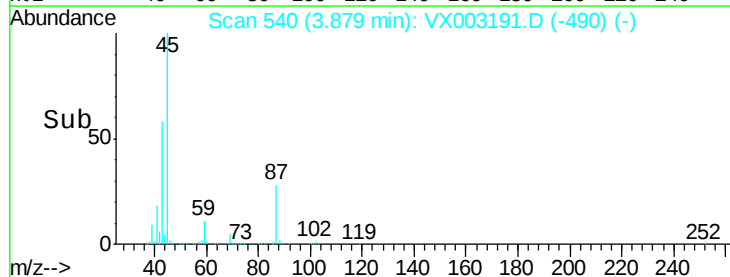
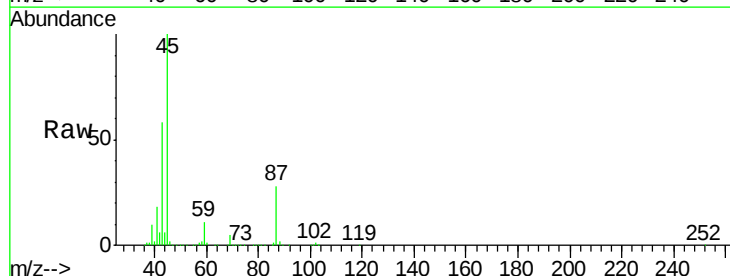
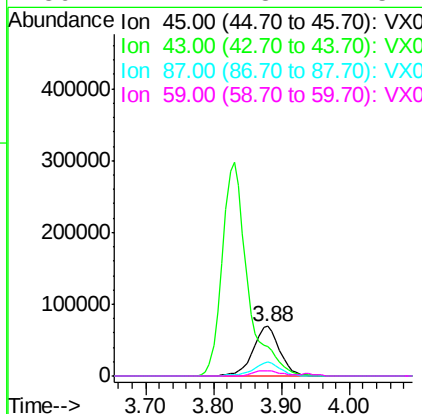
RT: 3.88 min Scan# 540

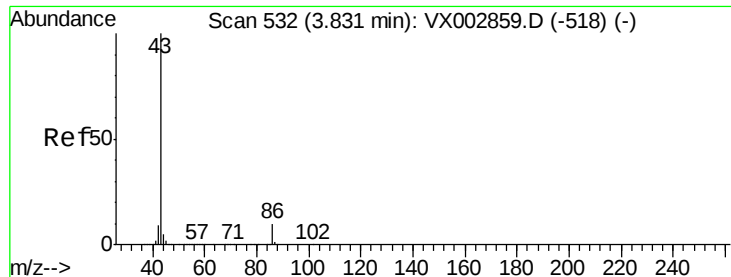
Delta R.T. 0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	45	Resp:	188148
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.8	70.2
87	27.8	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 98.70 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 43 Resp: 775589

Ion Ratio Lower Upper

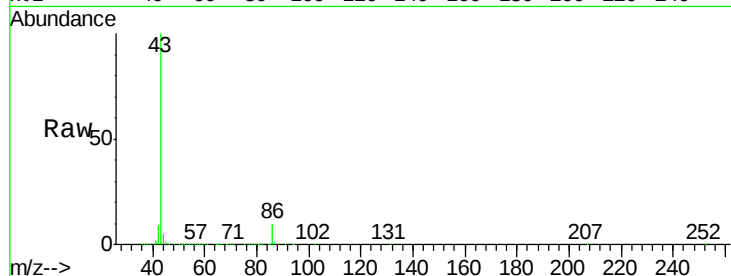
43 100

86 9.8 7.4 11.0

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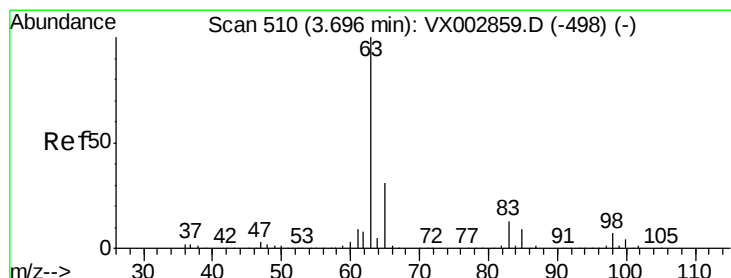
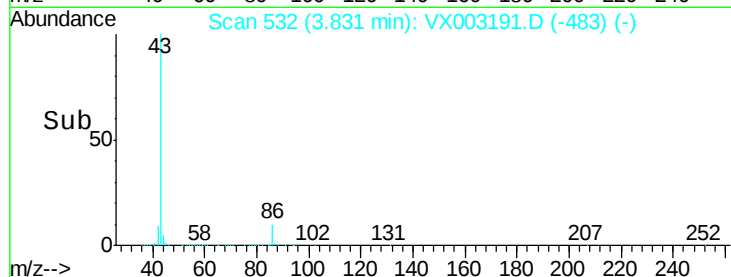
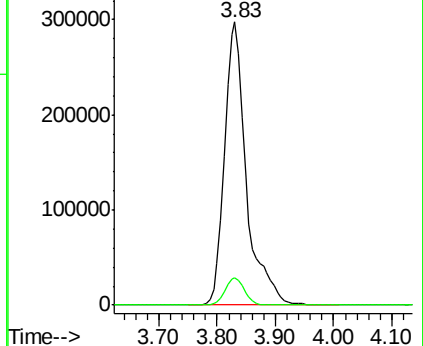
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.91 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

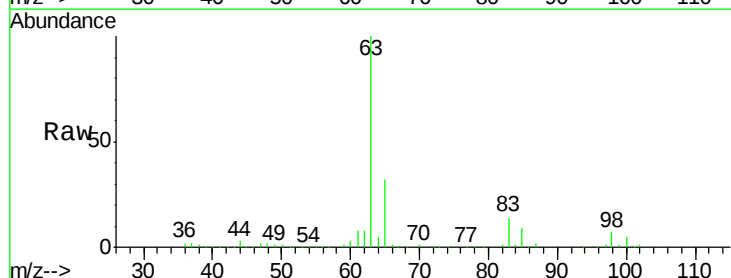
Tgt Ion: 63 Resp: 100423

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

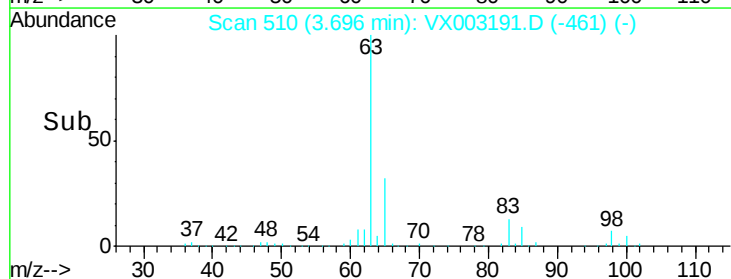
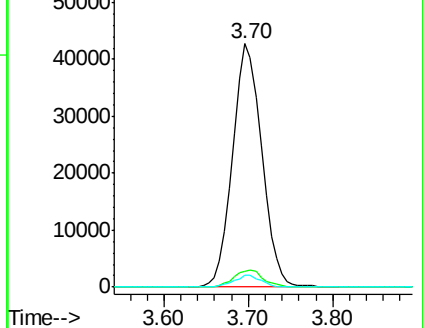
100 4.8 2.0 6.0

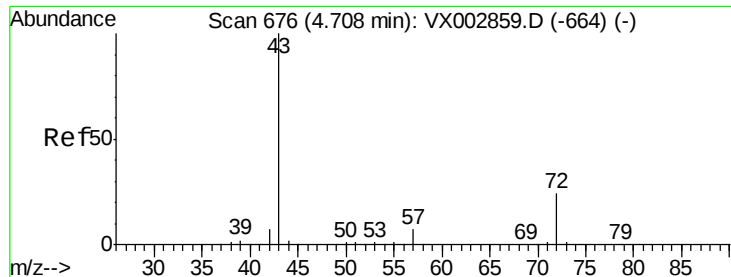


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 109.15 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 43 Resp: 231542

Ion Ratio Lower Upper

43 100

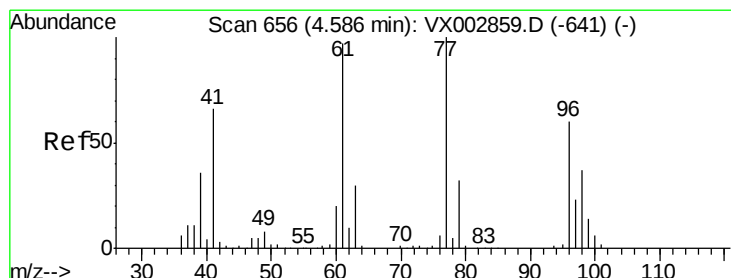
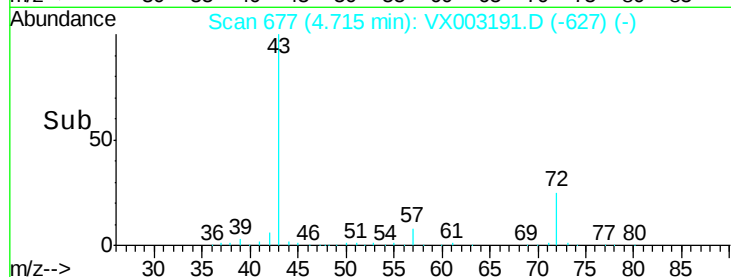
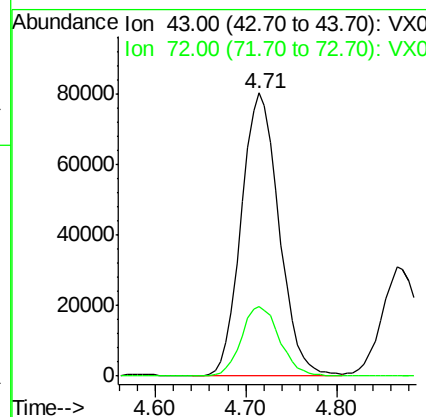
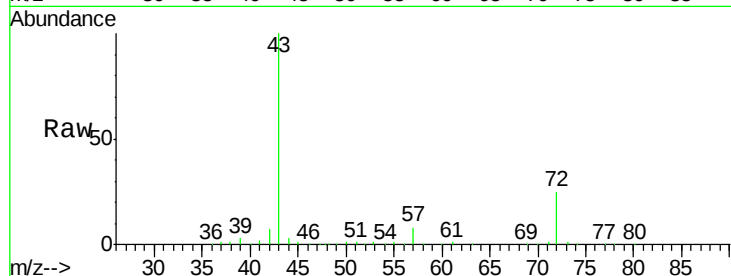
72 24.6 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.71 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003191.D

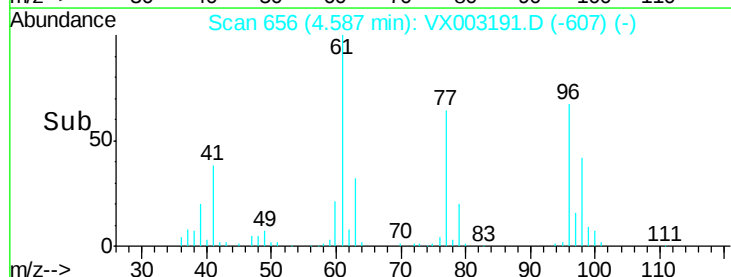
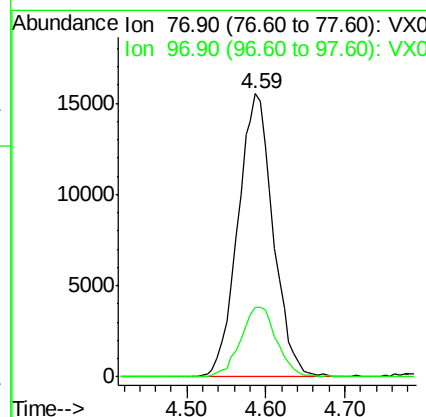
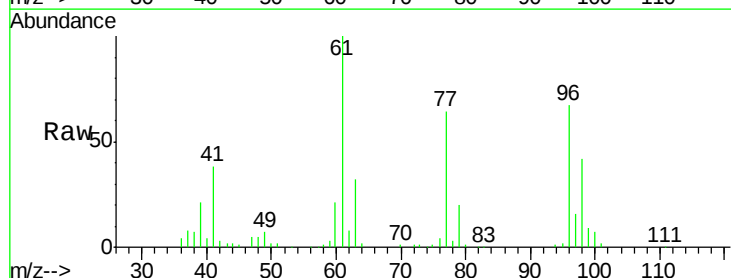
Acq: 06 Jul 2018 00:34

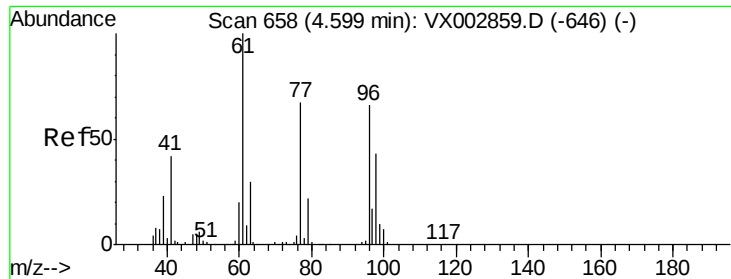
Tgt Ion: 77 Resp: 48034

Ion Ratio Lower Upper

77 100

97 25.1 11.2 33.5





#27

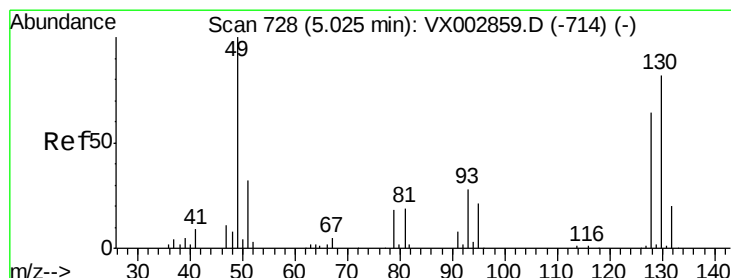
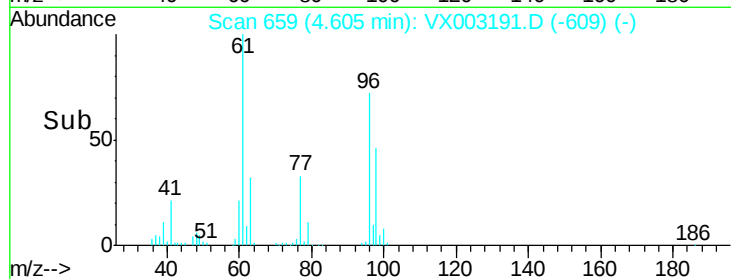
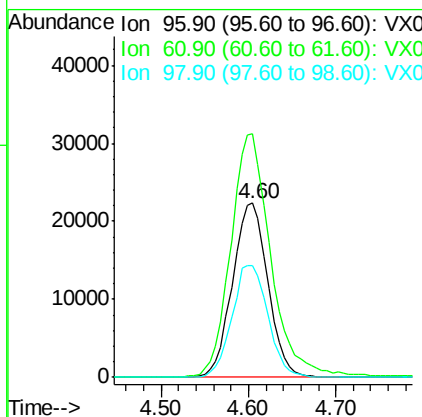
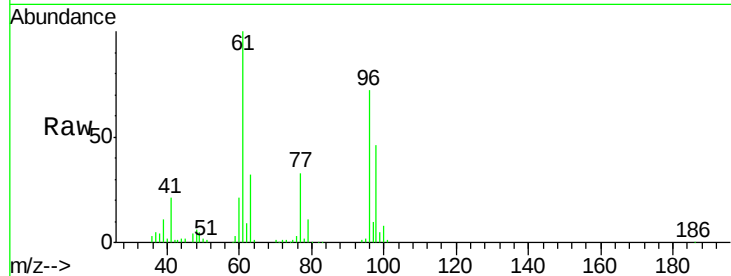
cis-1,2-Dichloroethene
 Concen: 20.84 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	330.2
98	65.4	0.0	130.2

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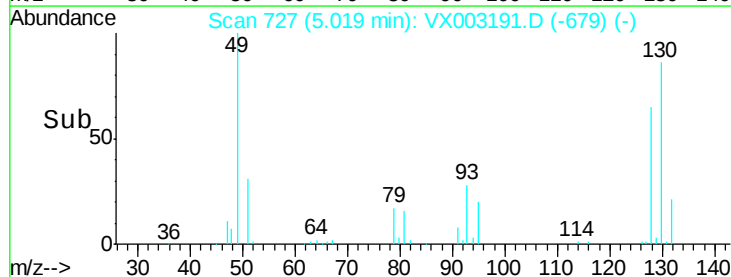
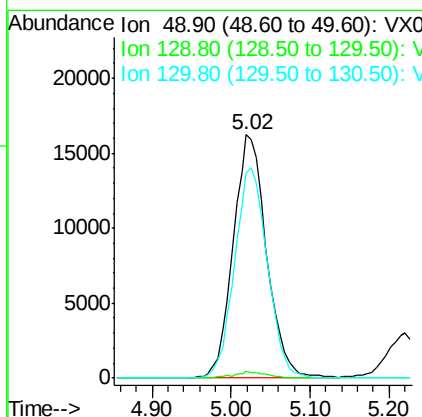
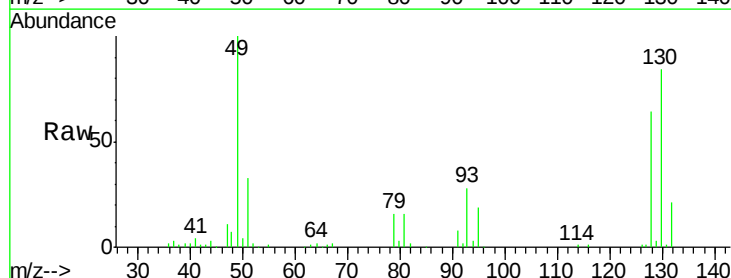
sam
 7/6/2018 4:21:05 PM

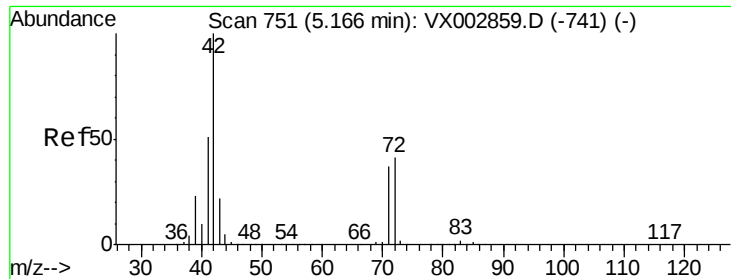


#28

Bromochloromethane
 Concen: 19.80 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	85.2	61.2	91.8





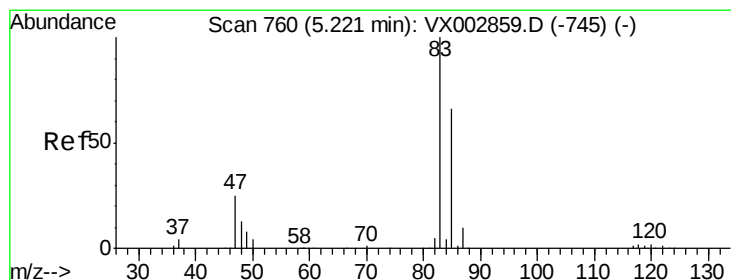
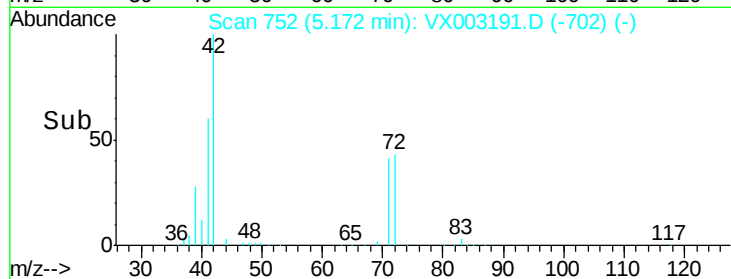
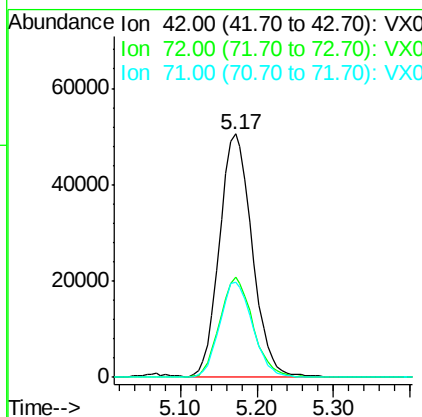
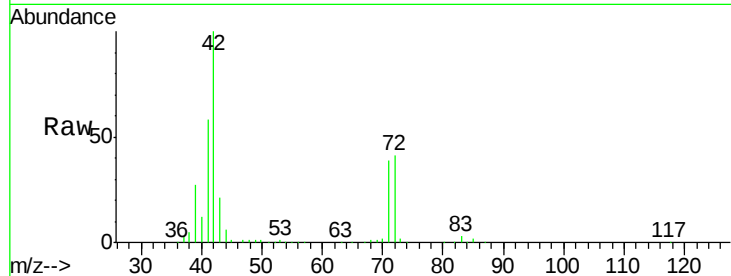
#29
Tetrahydrofuran
Concen: 109.25 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.7	30.1	45.1

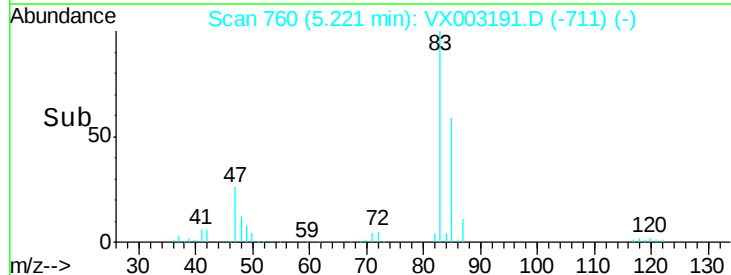
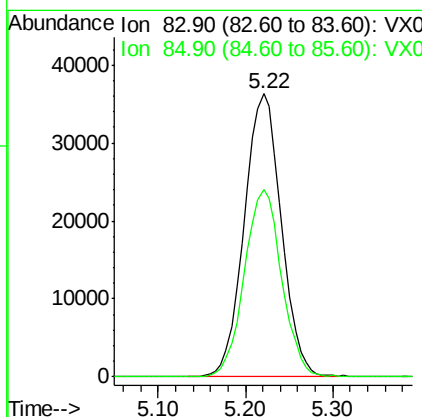
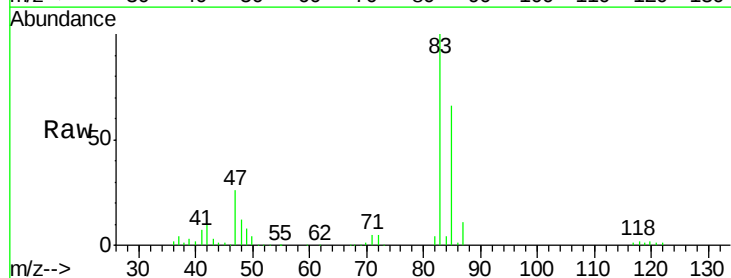
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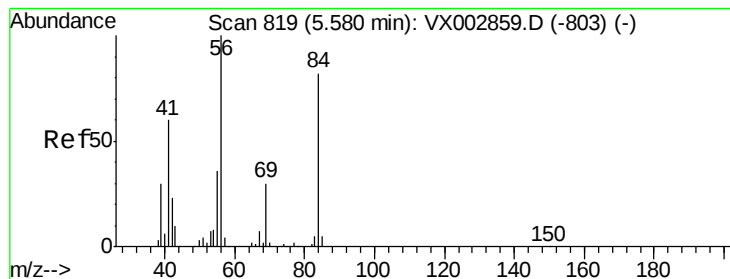
sam
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#30
Chloroform
Concen: 20.65 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.4	75.6





#31

Cyclohexane

Concen: 20.36 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

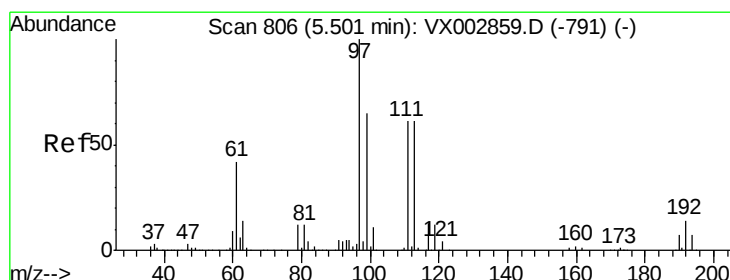
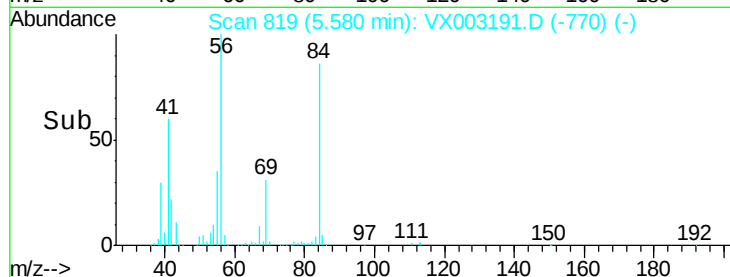
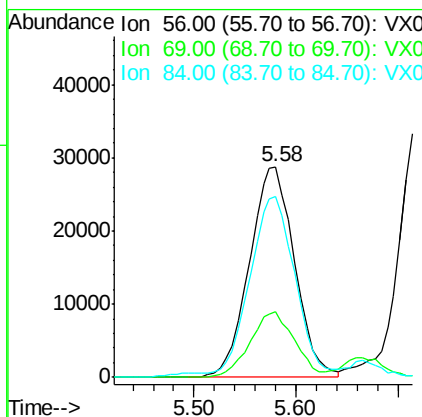
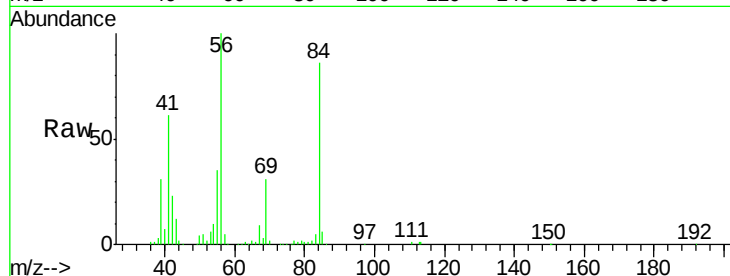
ClientSampleId :

VX0705WBS03

Tot Ion:	56	Resp:	88127
Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.7	35.5
84	84.1	64.1	96.1

Manual Integrations
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sam
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#32

1,1,1-Trichloroethane

Concen: 20.80 ug/l

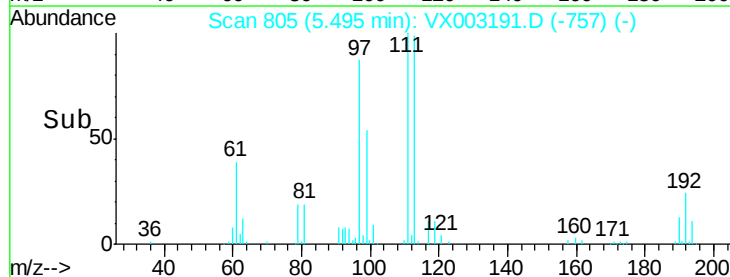
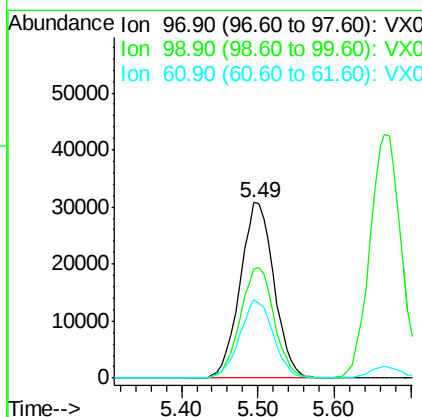
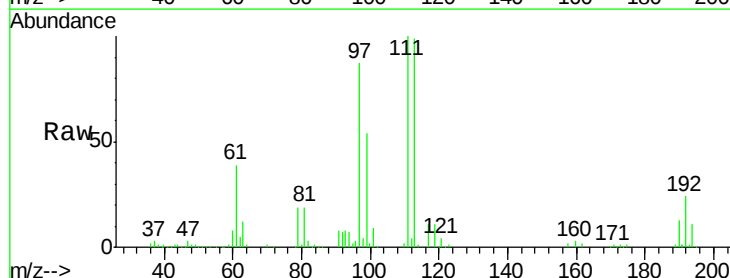
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	97	Resp:	94717
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.6	77.4
61	44.0	36.4	54.6





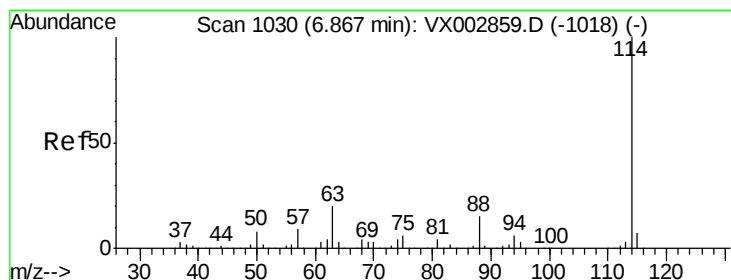
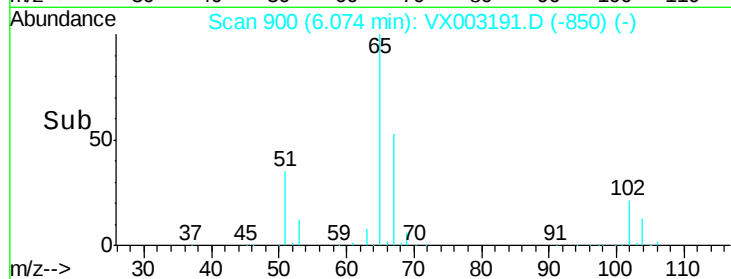
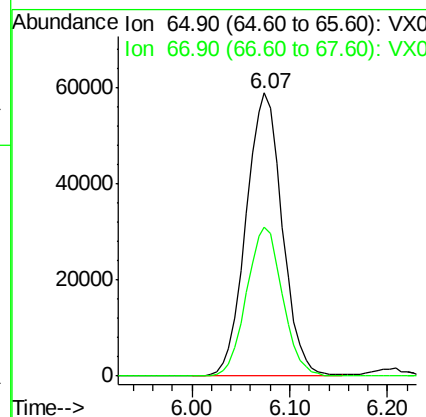
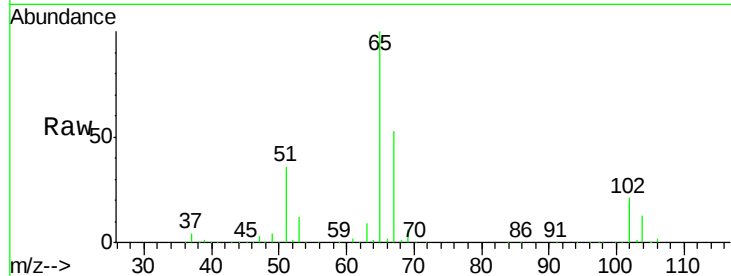
#33
 1,2-Dichloroethane-d4
 Concen: 44.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

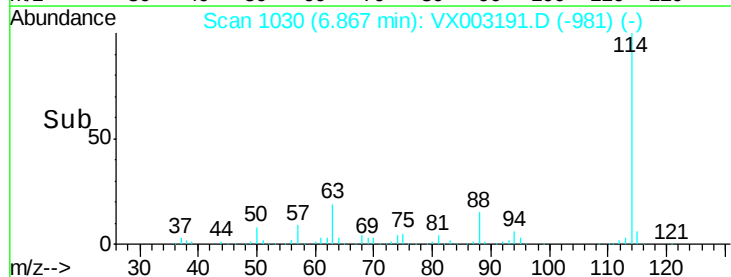
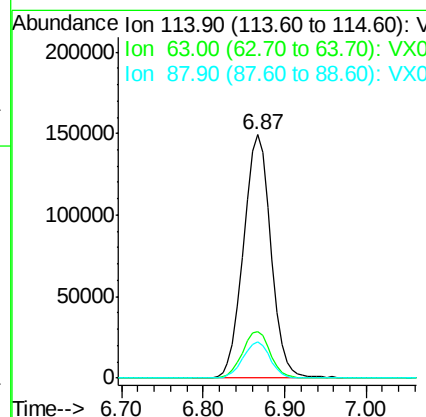
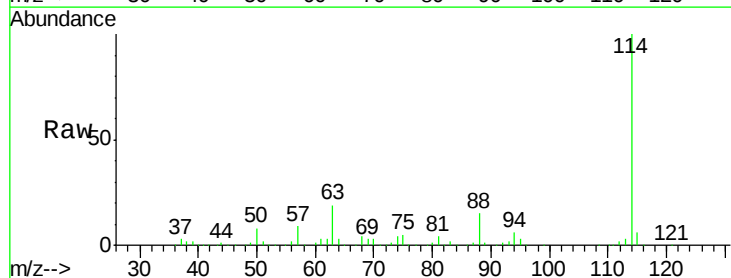
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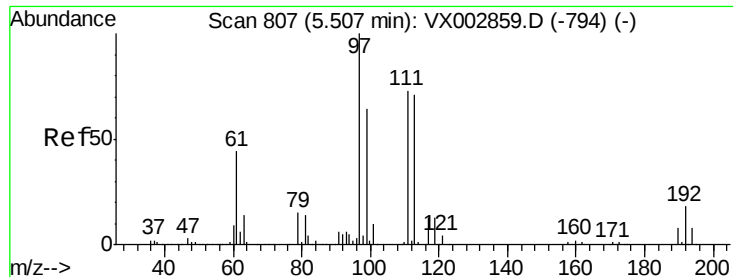
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.0	0.0	30.0





#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

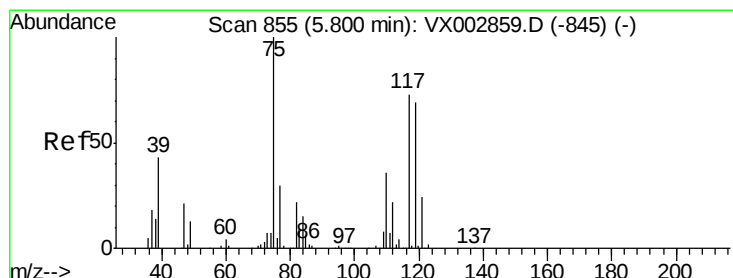
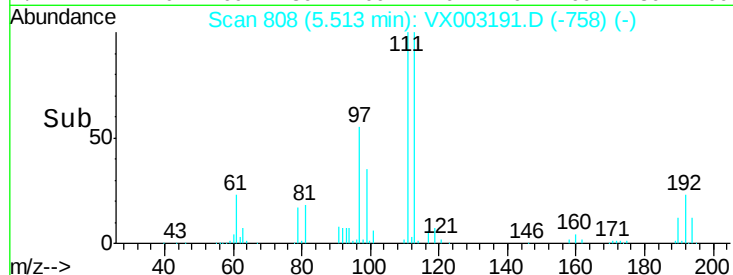
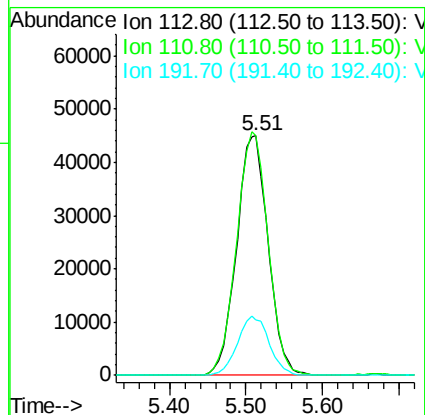
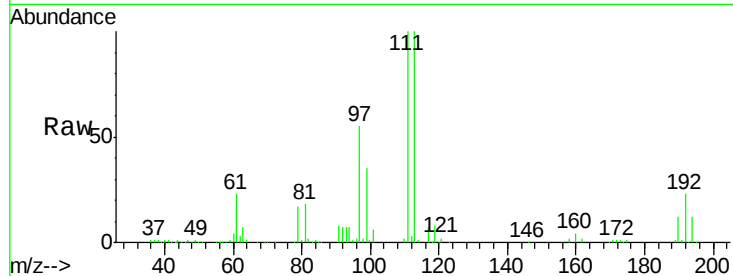
ClientSampleId :

VX0705WBS03

Tot Ion:	113	Resp:	128567
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.4	122.0
192	24.8	19.1	28.7

Manual Integrations
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sam
7/6/2018 4:21:05 PM



#36

1,1-Dichloropropene

Concen: 19.75 ug/l

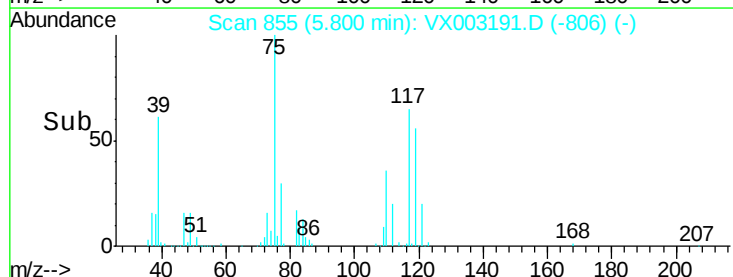
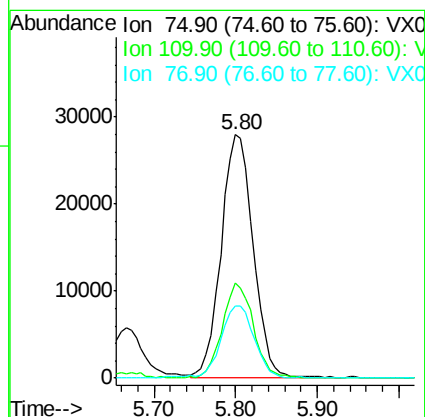
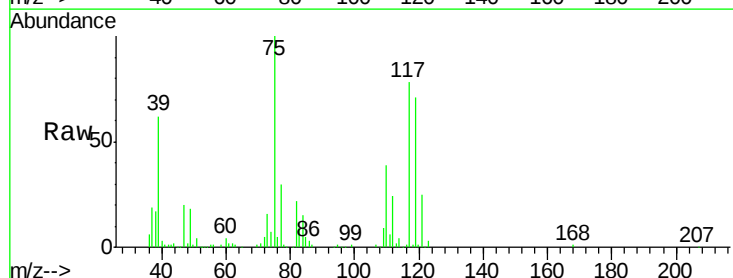
RT: 5.80 min Scan# 855

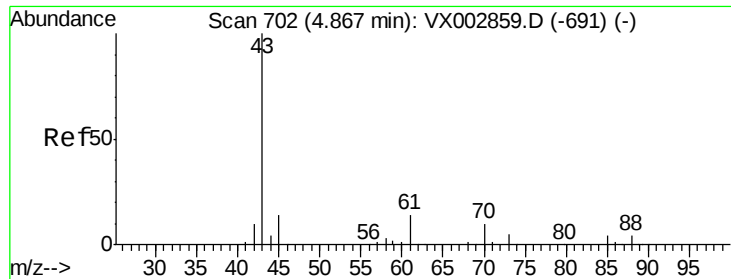
Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	75	Resp:	75383
Ion Ratio	Lower	Upper	
75	100		
110	38.2	18.1	54.4
77	31.7	24.3	36.5





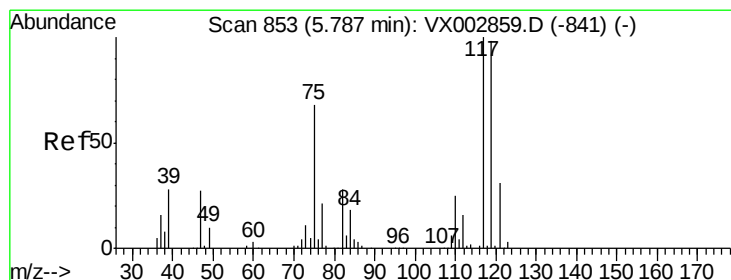
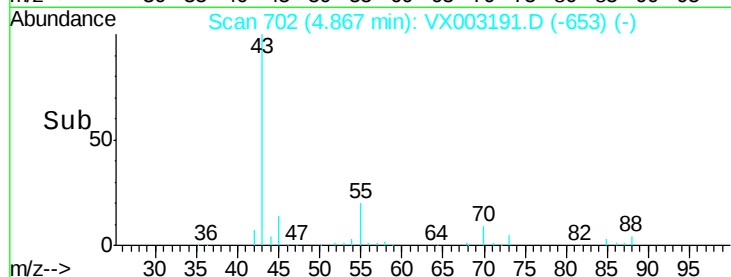
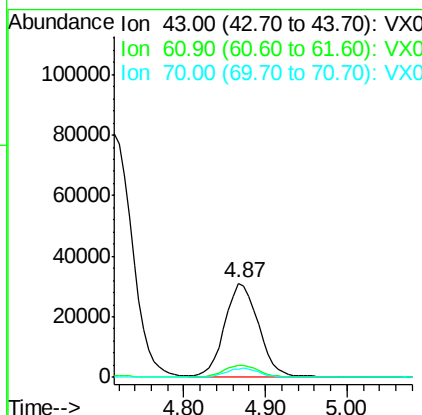
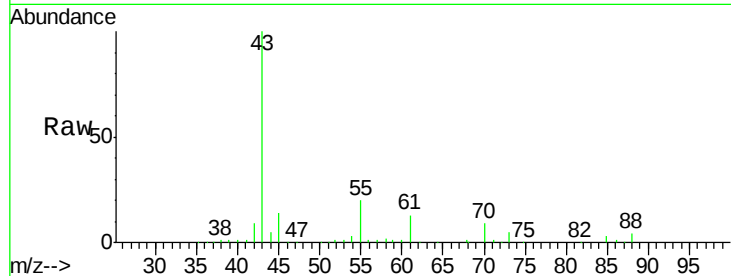
#37
Ethyl Acetate
Concen: 21.69 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	9.8	7.6	11.4

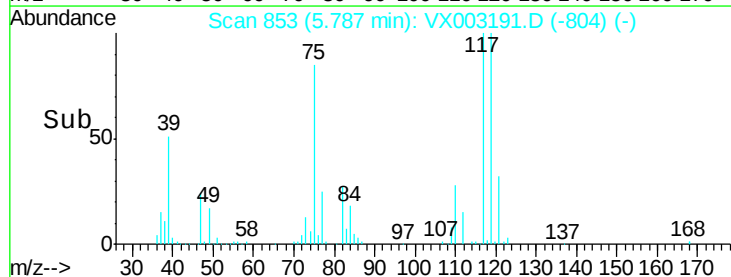
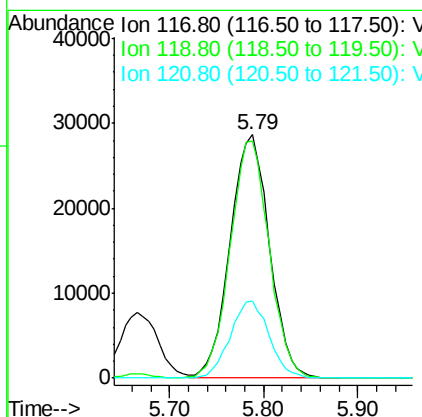
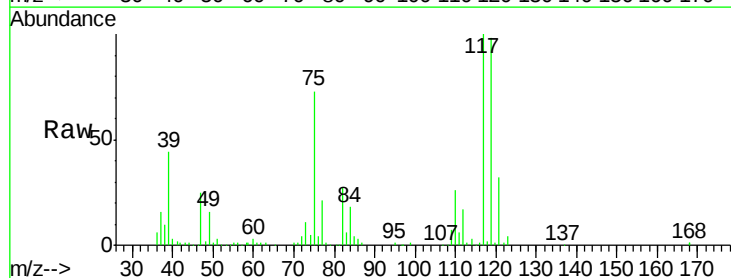
Manual Integrations
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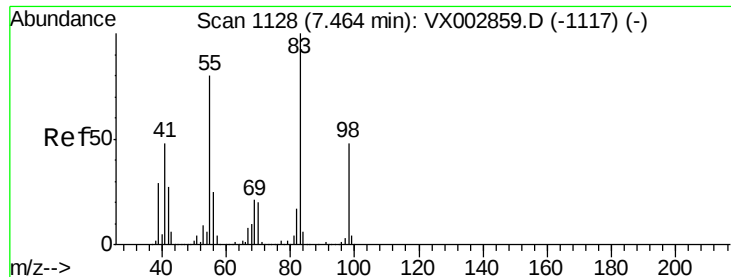
sam
7/6/2018 4:21:05 PM



#38
Carbon Tetrachloride
Concen: 19.99 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
121	31.6	24.4	36.6





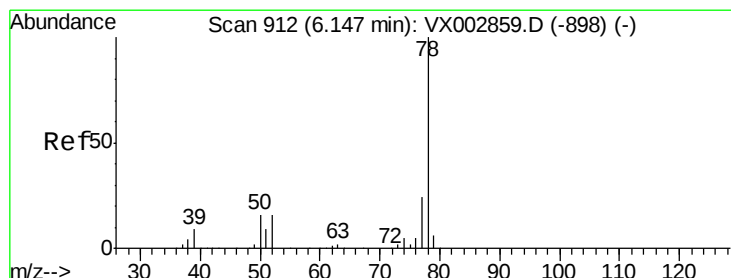
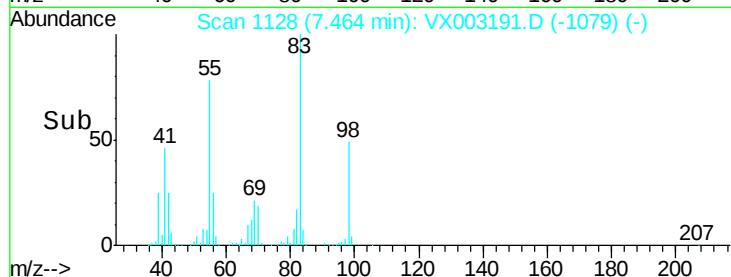
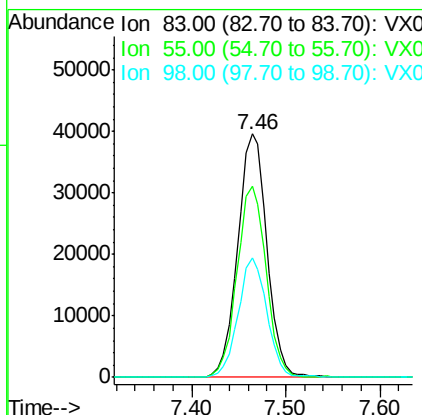
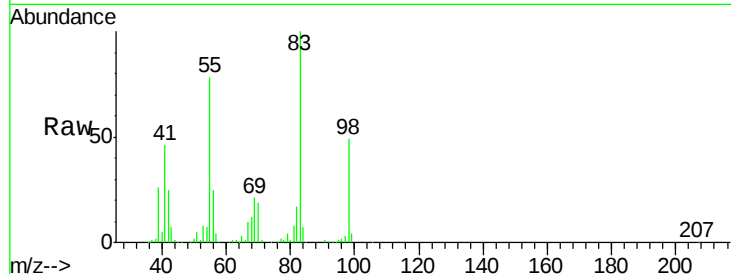
#39
Methvlcvclohexane
Concen: 19.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.4	98.0
98	49.0	37.4	56.0

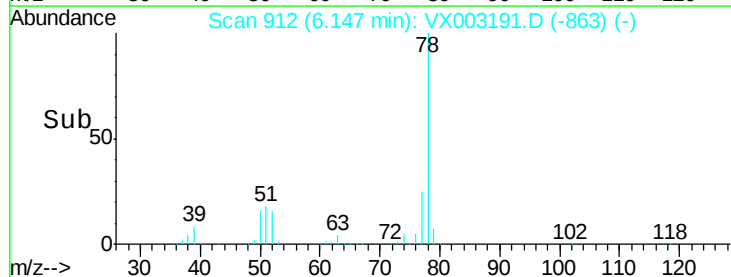
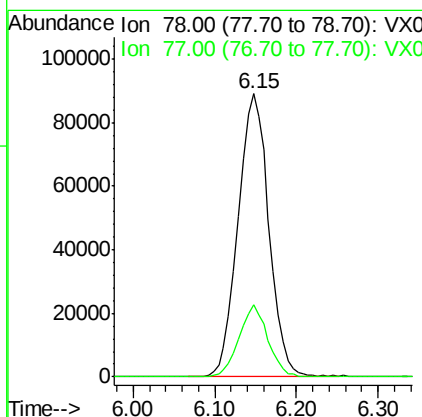
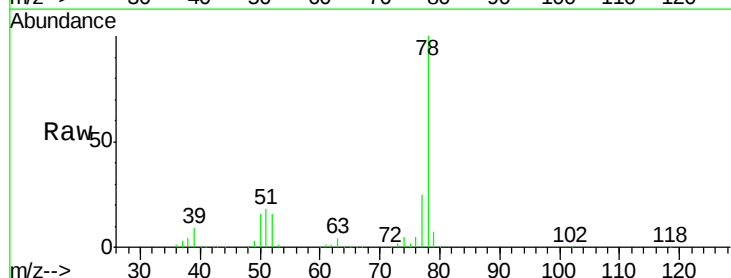
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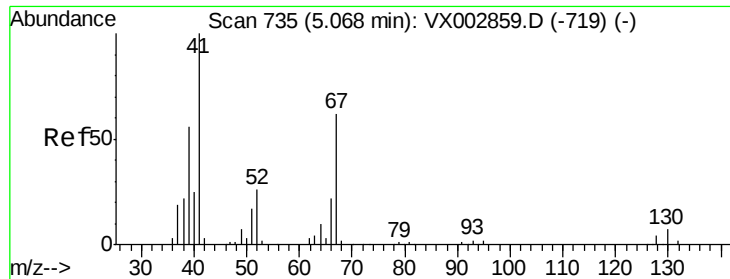
sam
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#40
Benzene
Concen: 21.06 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.1	28.7





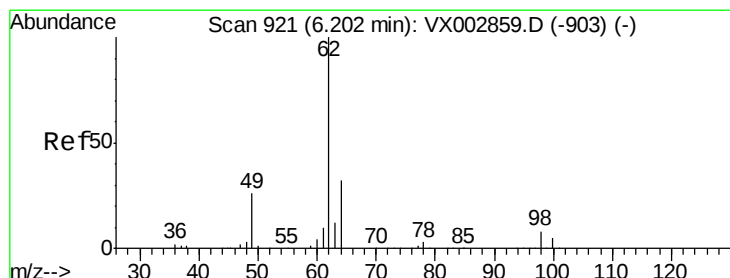
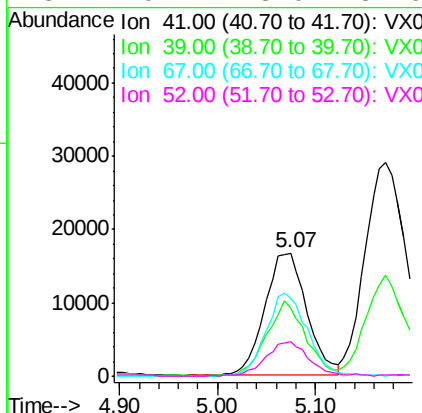
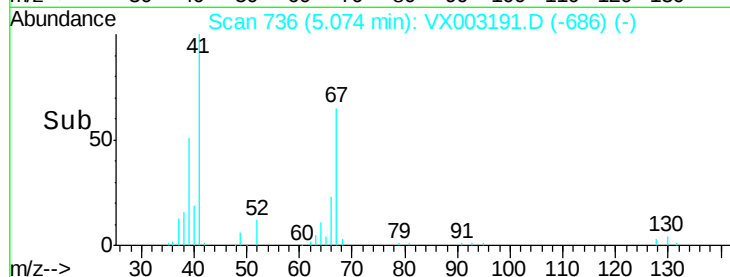
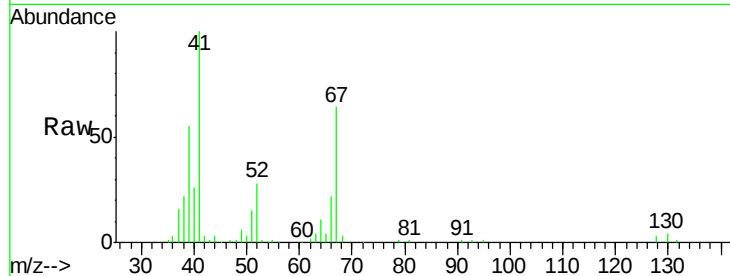
#41
Methacrylonitrile
Concen: 21.25 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	41	Resp	50279
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	67.1	51.3	76.9
52	29.7	23.0	34.6

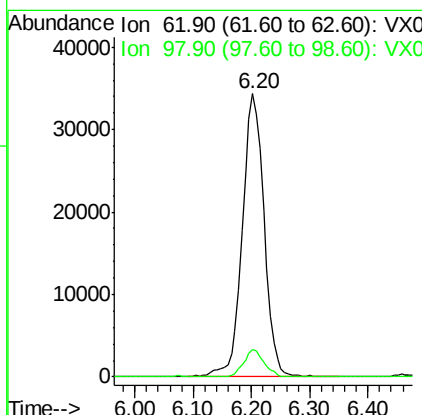
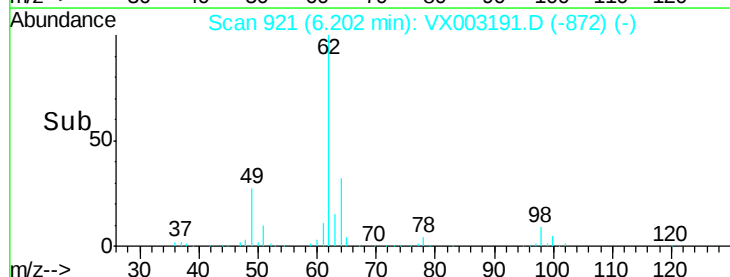
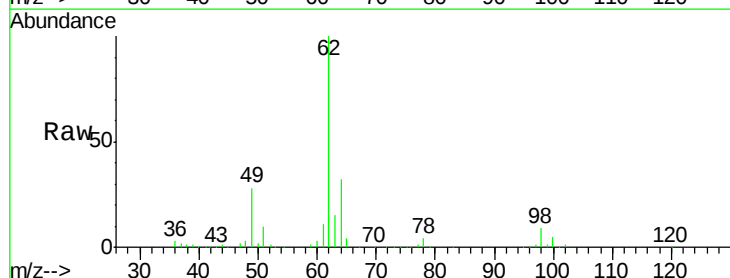
Manual Integrations
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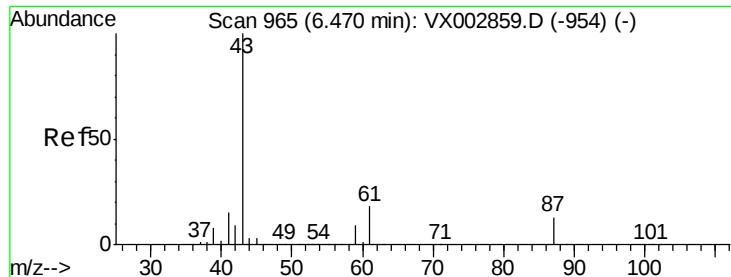
sam
7/6/2018 4:21:05 PM



#42
1,2-Dichloroethane
Concen: 19.91 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	62	Resp	89192
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43

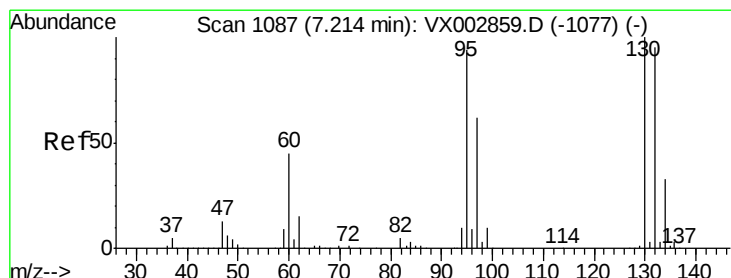
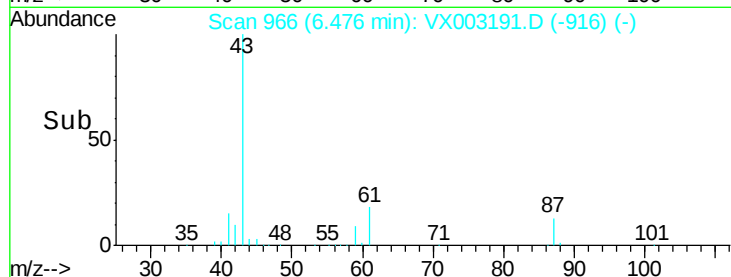
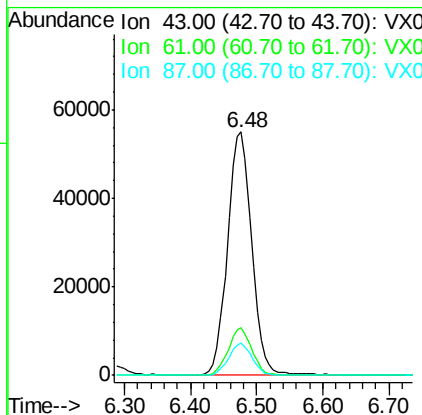
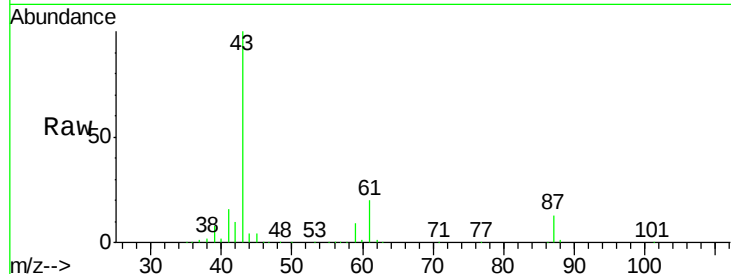
Isopropyl Acetate
 Concen: 20.10 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
 APPROVED

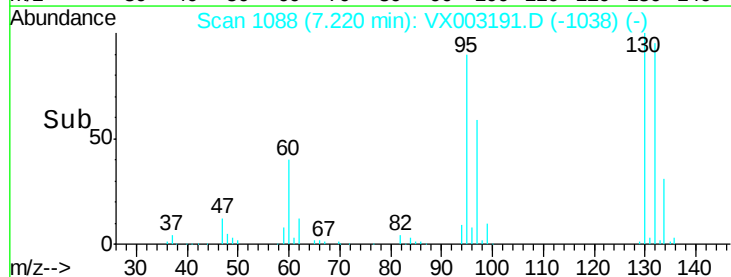
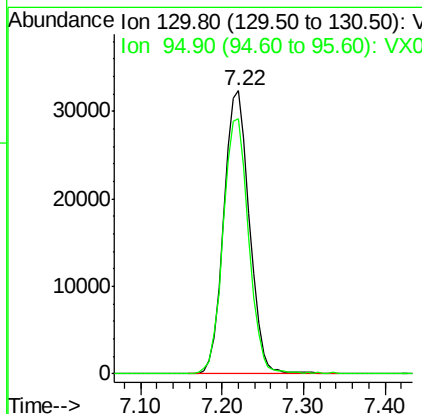
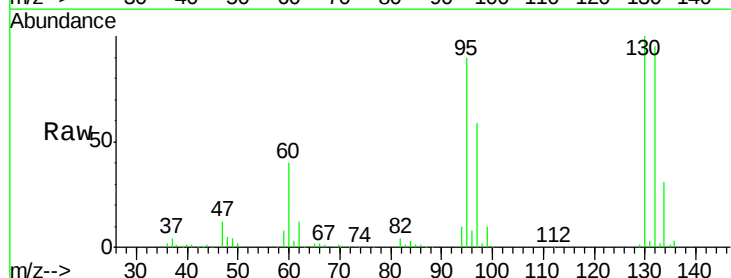
sam
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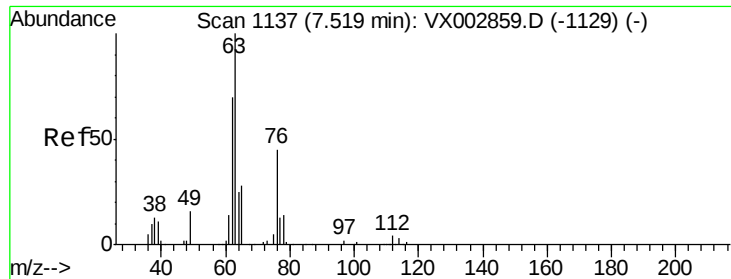


#44

Trichloroethene
 Concen: 21.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 20.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 63 Resp: 61086

Ion Ratio Lower Upper

63 100

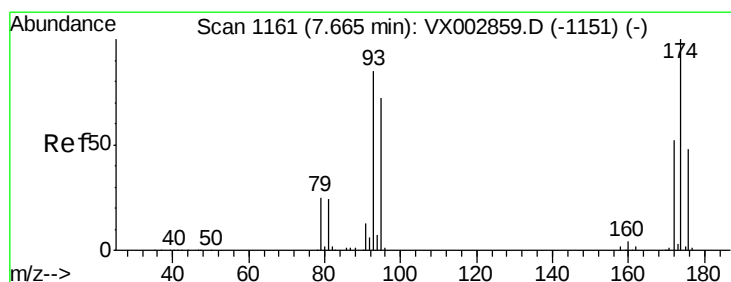
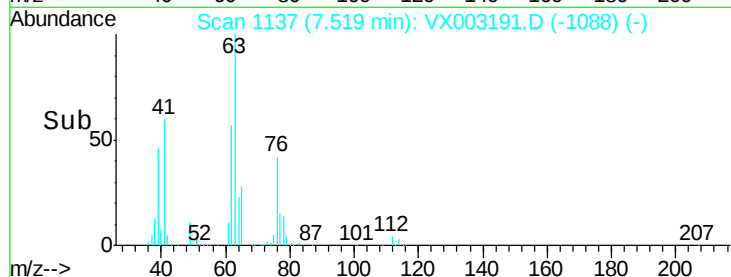
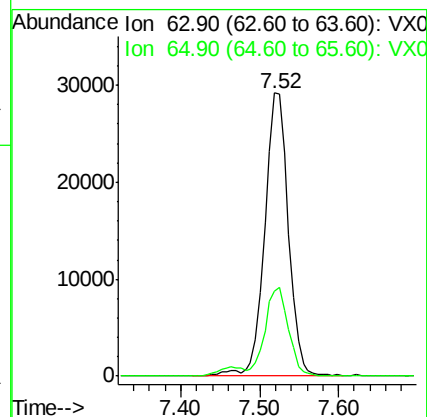
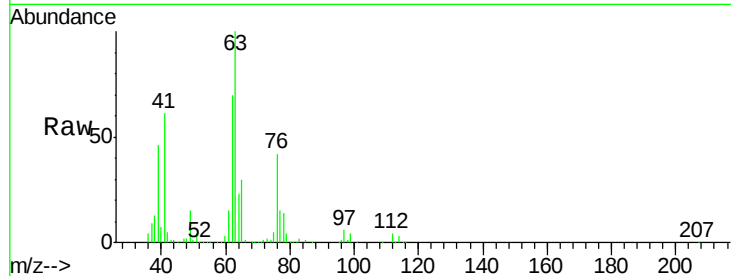
65 30.1 24.7 37.1

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#46

Dibromomethane

Concen: 20.24 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

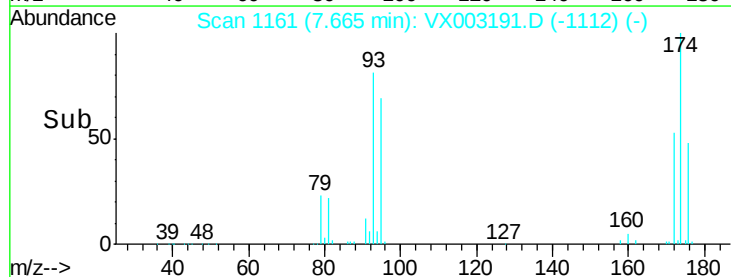
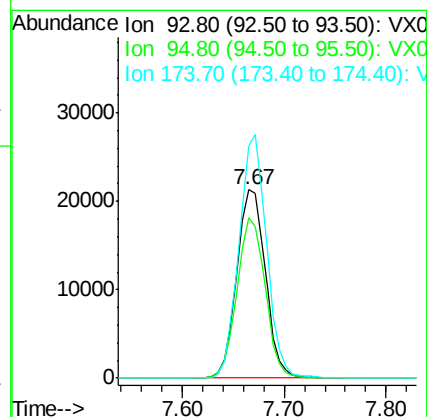
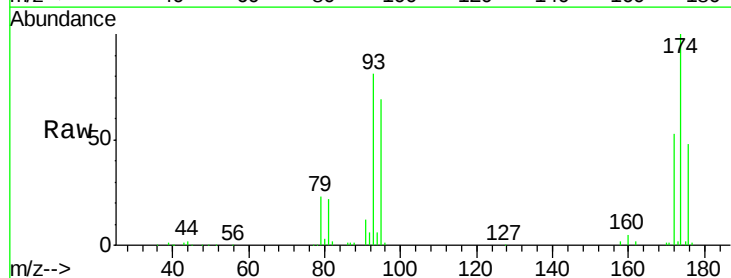
Tgt Ion: 93 Resp: 41317

Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 124.6 92.4 138.6





#47

Bromodichloromethane

Concen: 20.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

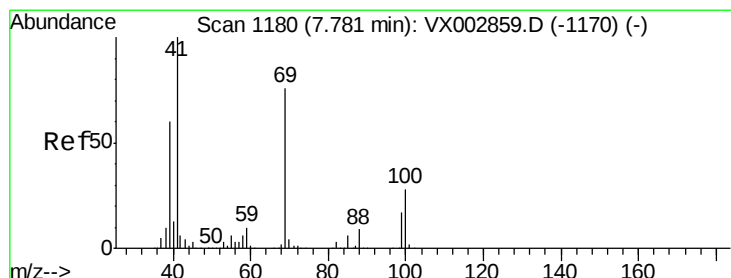
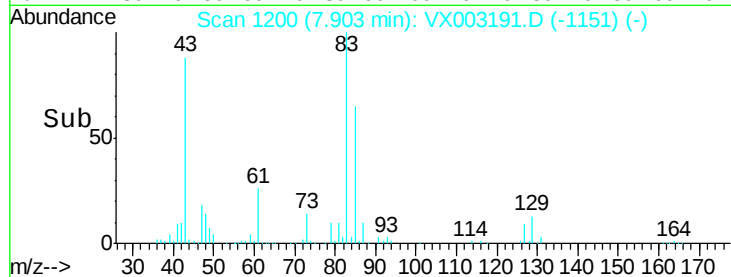
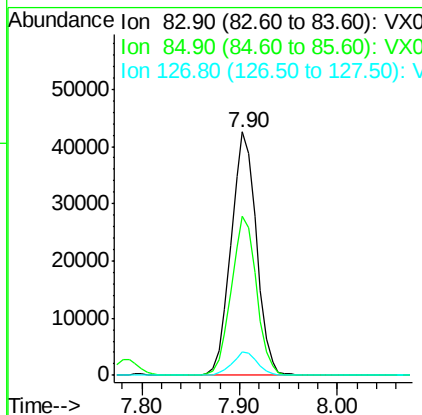
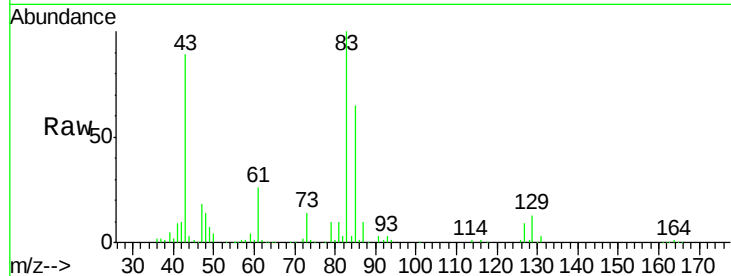
ClientSampleId :

VX0705WBS03

Tot Ion:	83	Resp:	76445
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.03 ug/l

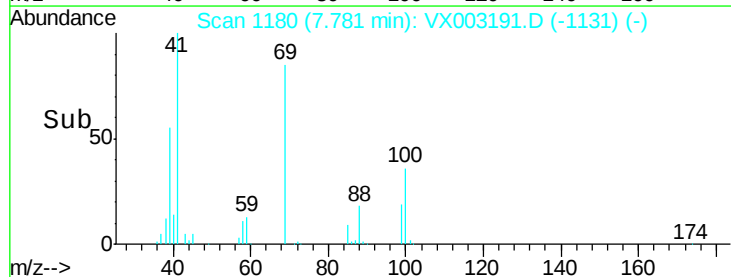
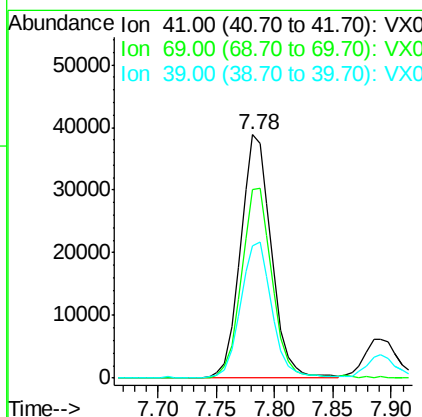
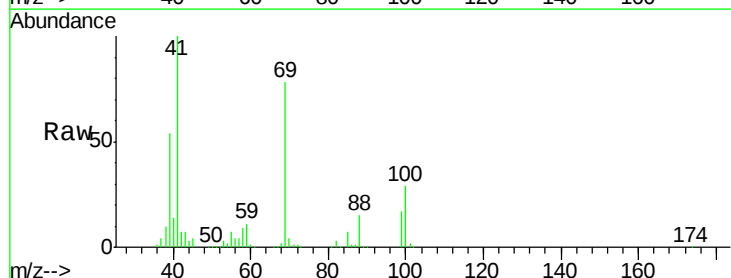
RT: 7.78 min Scan# 1180

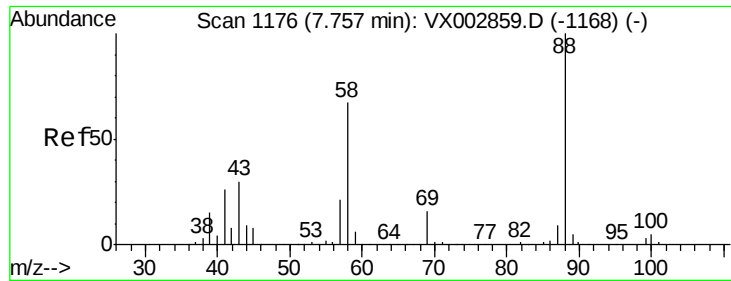
Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	41	Resp:	71134
Ion	Ratio	Lower	Upper
41	100		
69	78.8	59.1	88.7
39	56.3	48.9	73.3





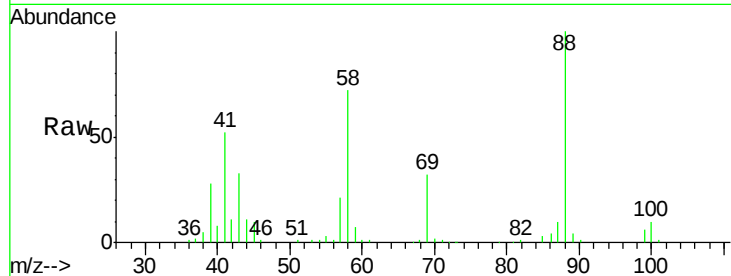
#49
1,4-Dioxane
Concen: 446.11 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

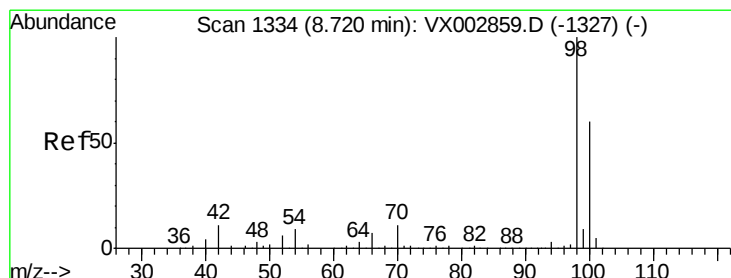
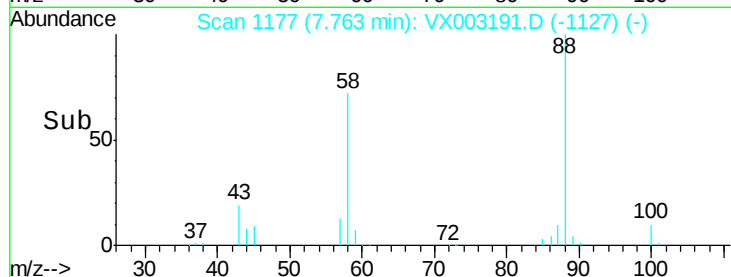
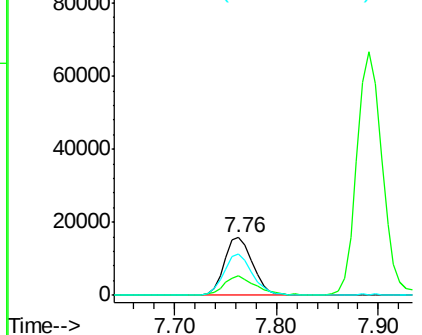
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.6
58	72.0	57.1	85.7

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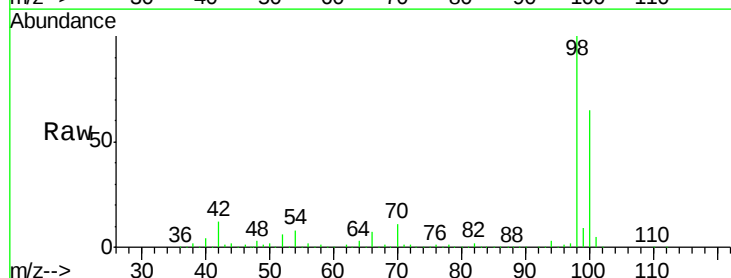


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

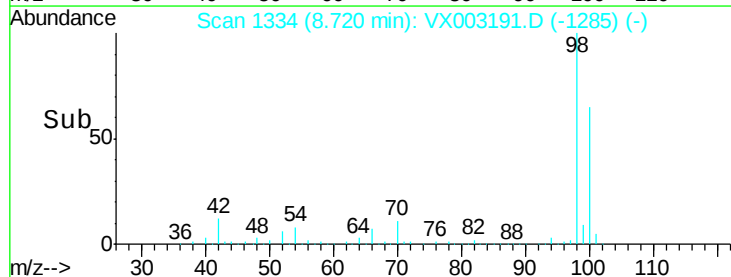
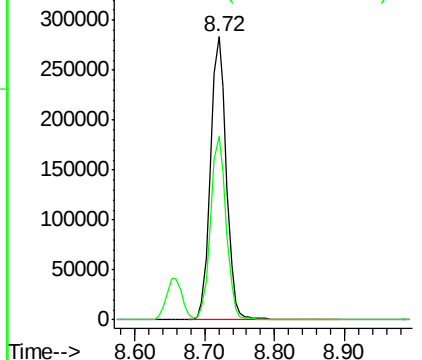


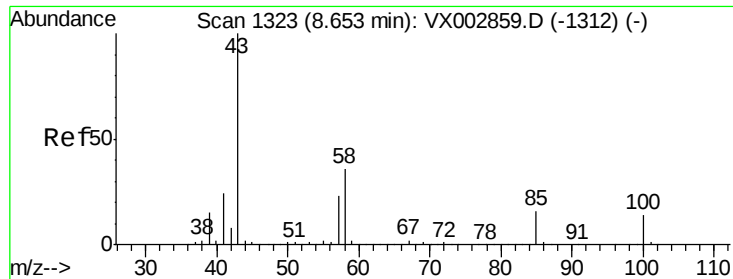
#50
Toluene-d8
Concen: 44.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.12 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 43 Resp: 457512

Ion Ratio Lower Upper

43 100

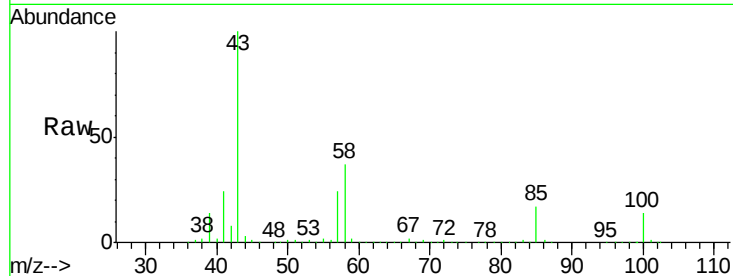
58 37.0 28.6 42.8

Manual Integrations

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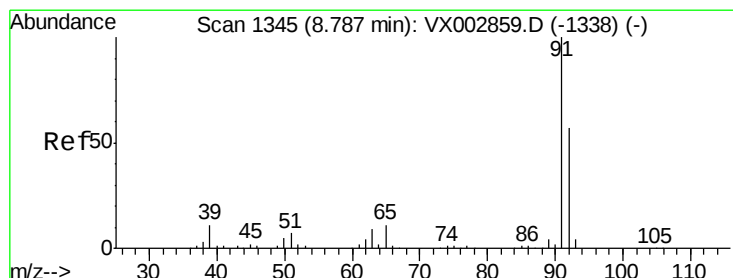
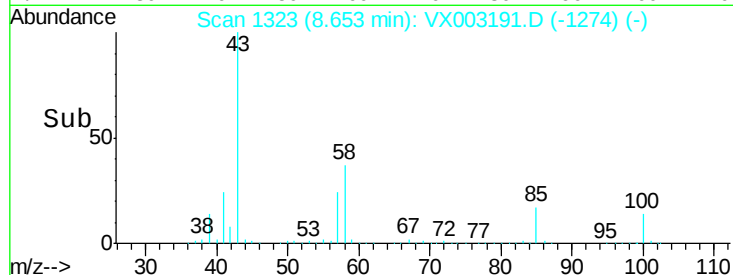
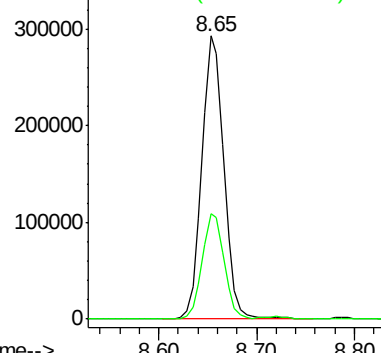
sam

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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: 20.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003191.D

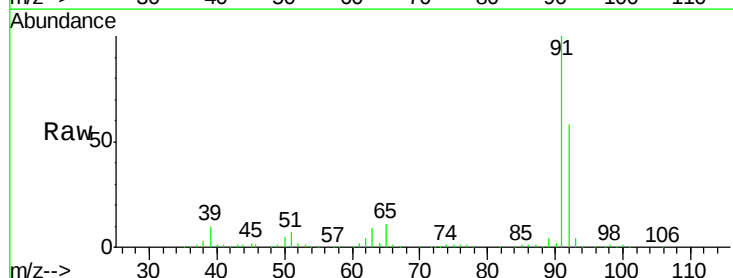
Acq: 06 Jul 2018 00:34

Tgt Ion: 92 Resp: 148123

Ion Ratio Lower Upper

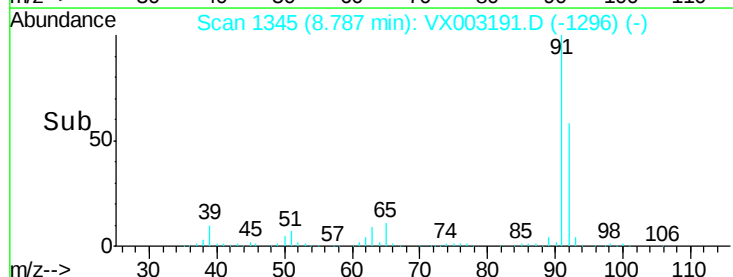
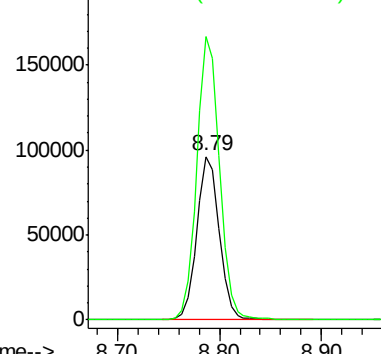
92 100

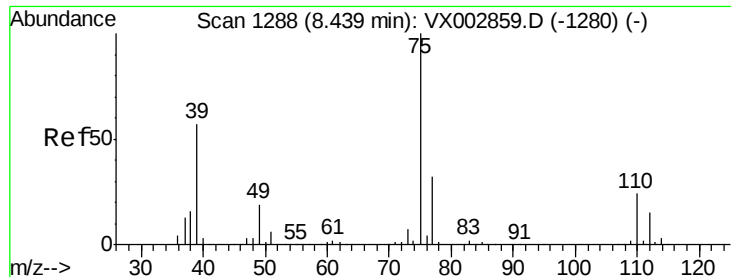
91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





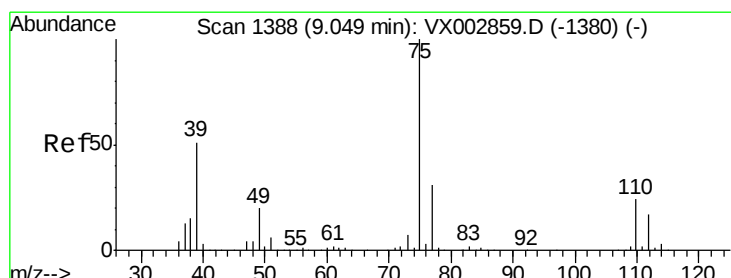
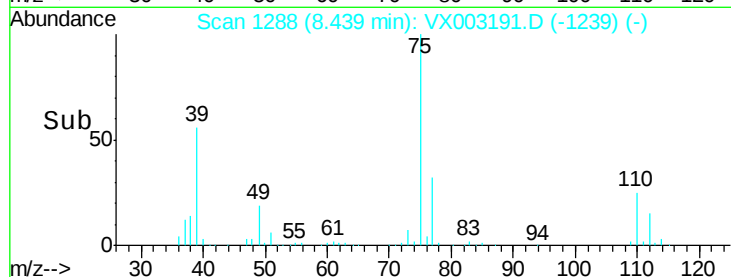
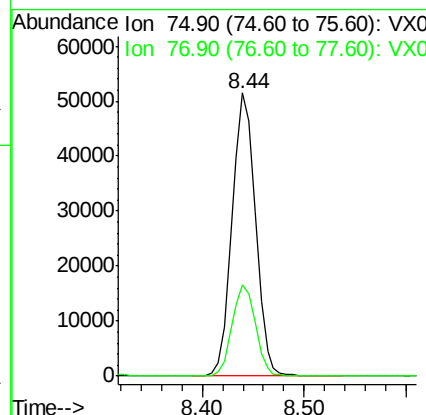
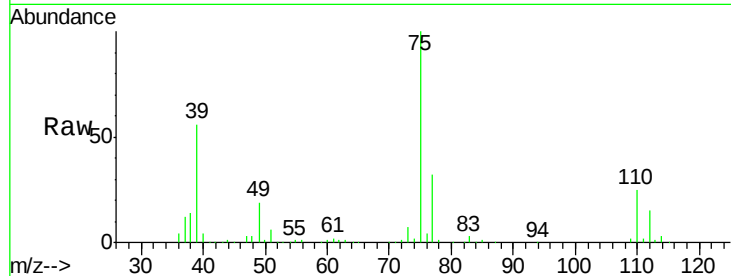
#53
t-1,3-Dichloropropene
Concen: 19.11 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion: 75 Resp: 81657
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

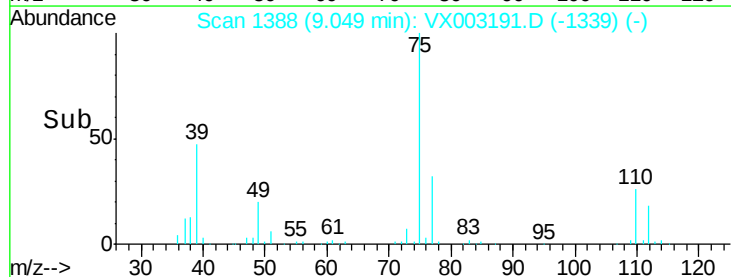
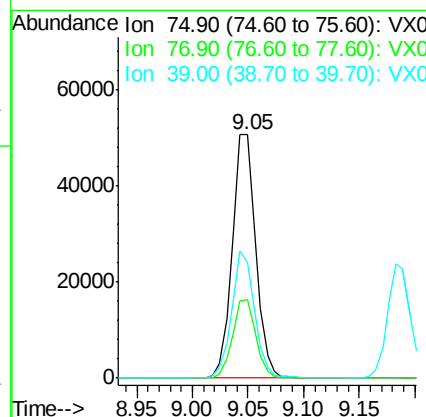
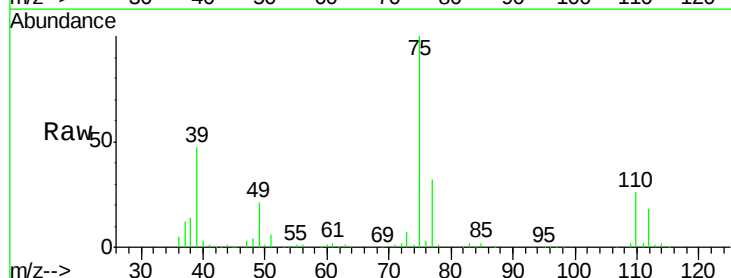
Manual Integrations
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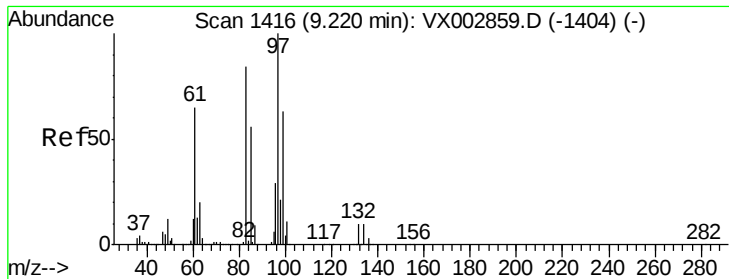
sam
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#54
cis-1,3-Dichloropropene
Concen: 17.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion: 75 Resp: 73892
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 47.0 42.4 63.6





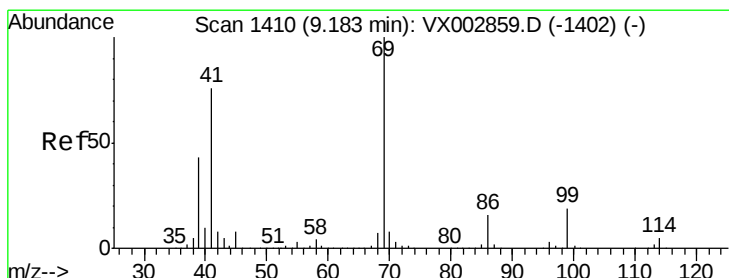
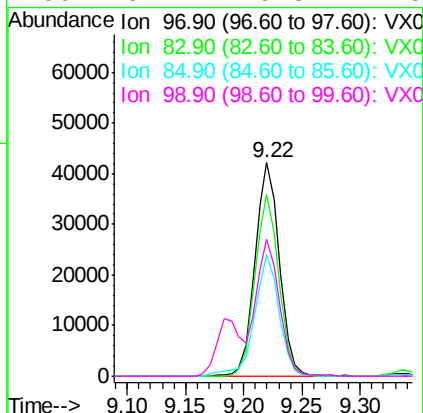
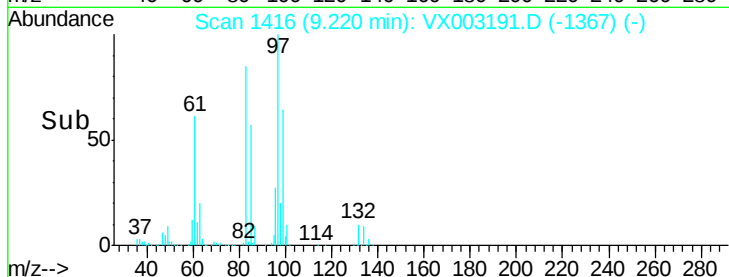
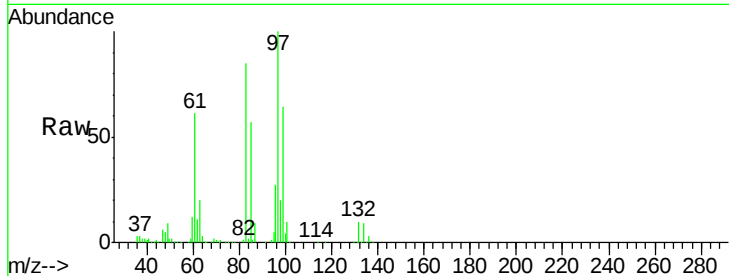
#55
 1,1,2-Trichloroethane
 Concen: 21.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.2
85	56.9	44.9	67.3
99	64.4	49.8	74.8

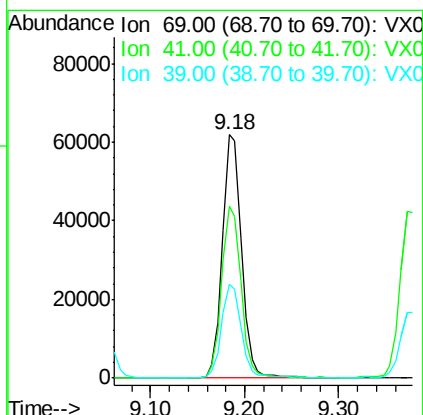
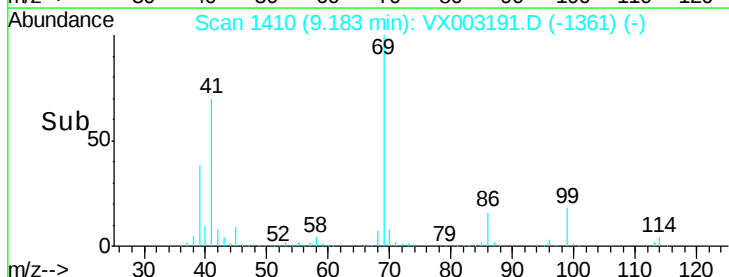
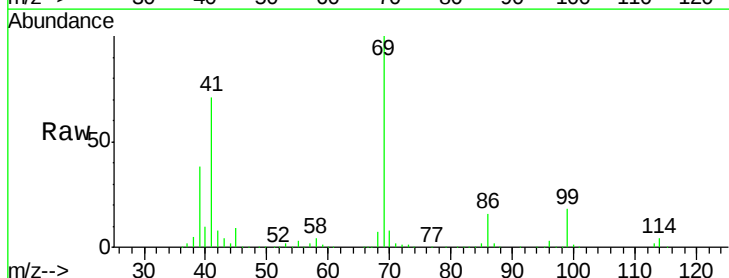
Manual Integrations
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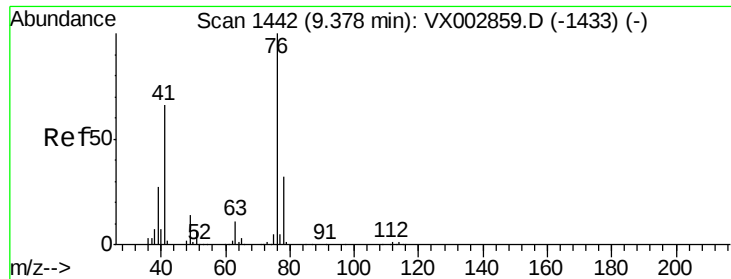
sam
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#56
 Ethyl methacrylate
 Concen: 20.53 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	60.3	90.5
39	39.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 76 Resp: 100431

Ion Ratio Lower Upper

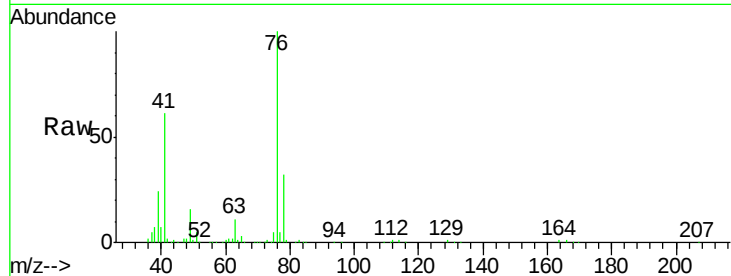
76 100

78 32.4 25.8 38.6

Manual Integrations
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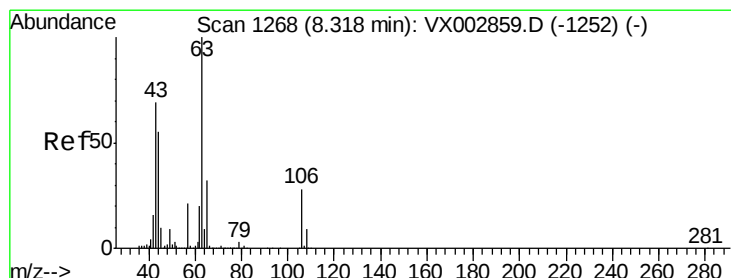
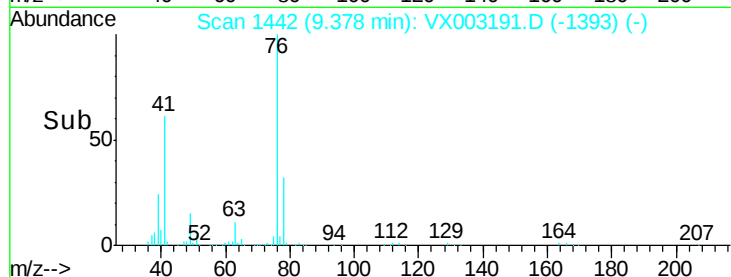
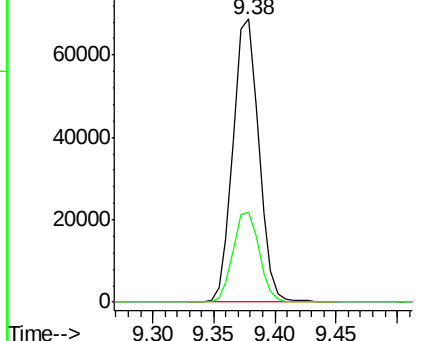
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003191.D

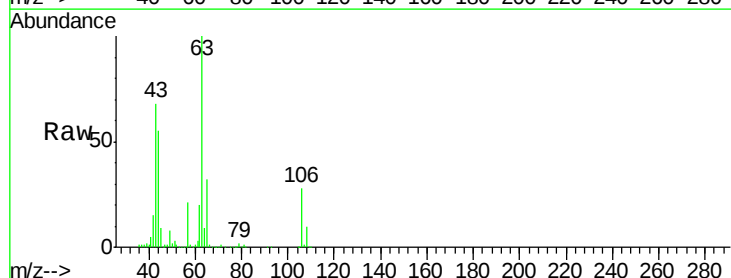
Acq: 06 Jul 2018 00:34

Tgt Ion: 63 Resp: 188017

Ion Ratio Lower Upper

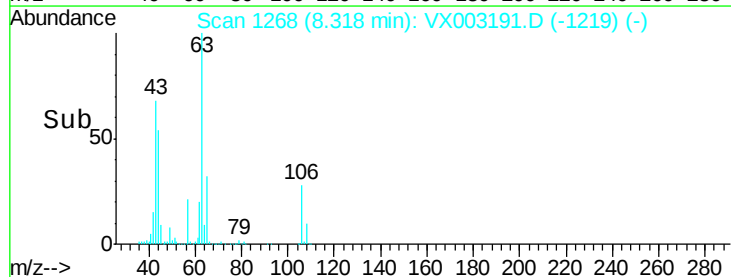
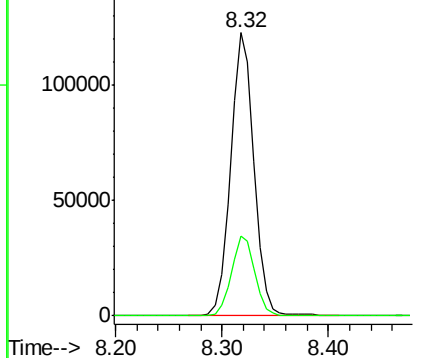
63 100

106 28.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





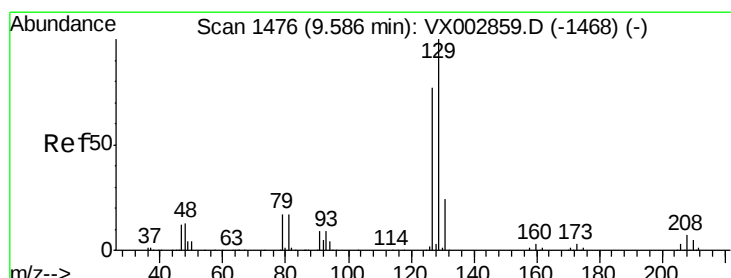
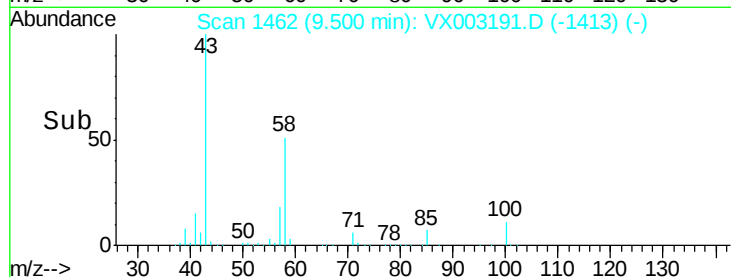
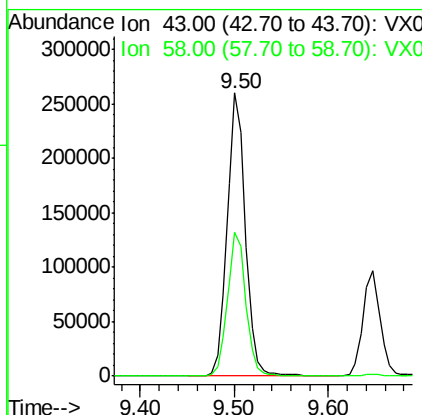
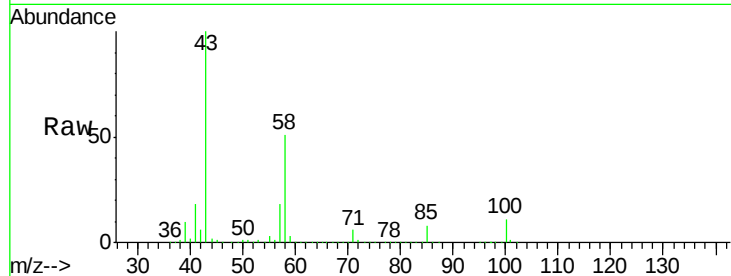
#59
2-Hexanone
Concen: 106.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	24.6	73.6

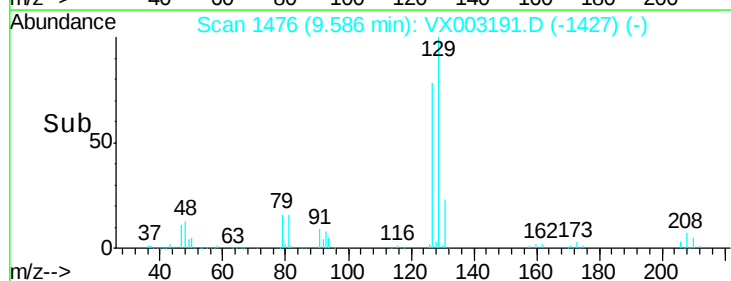
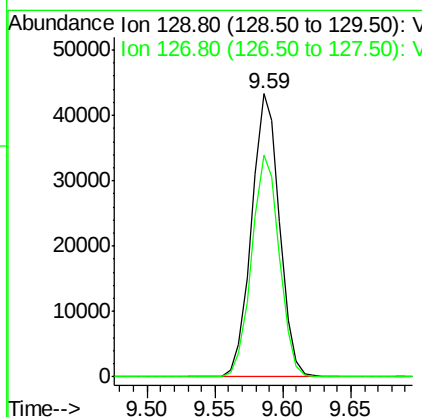
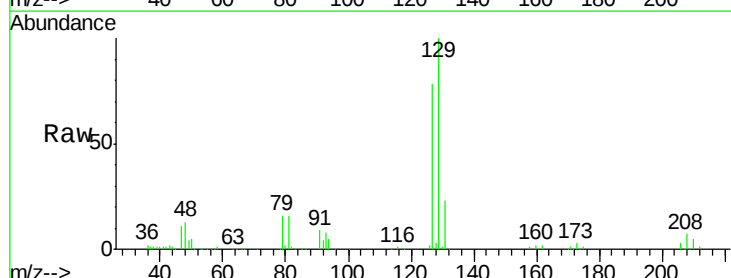
Manual Integrations
APPROVED

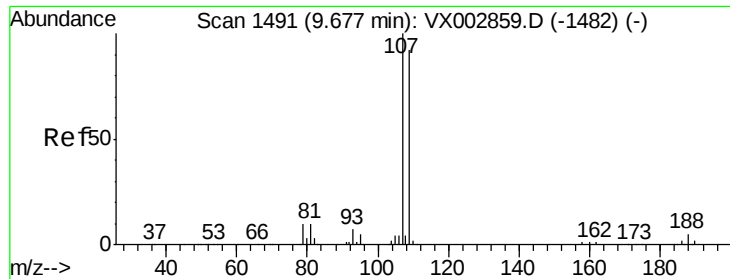
sam
7/6/2018 4:21:05 PM



#60
Dibromochloromethane
Concen: 20.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.3





#61

1,2-Dibromoethane

Concen: 21.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion:107 Resp: 65241

Ion Ratio Lower Upper

107 100

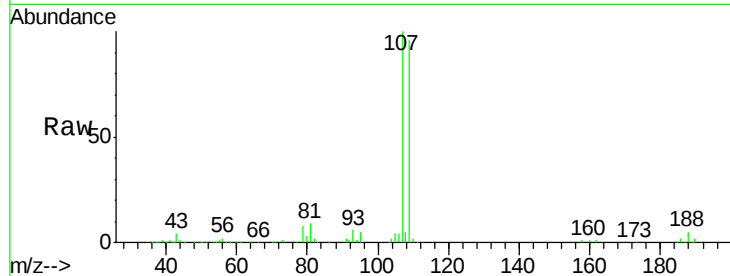
109 94.7 75.3 112.9

Manual Integrations

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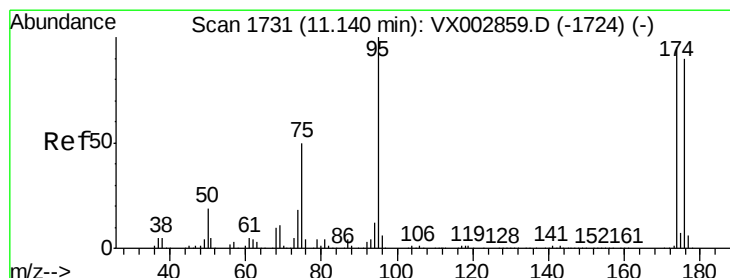
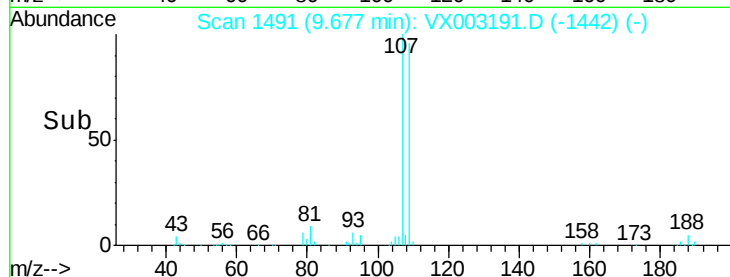
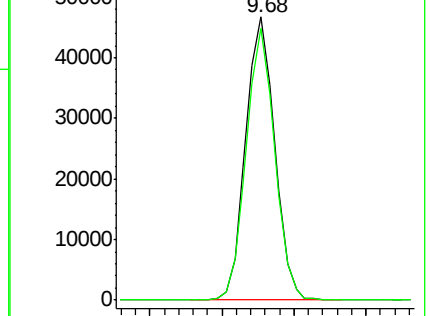
sam

7/6/2018 4:21:05 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

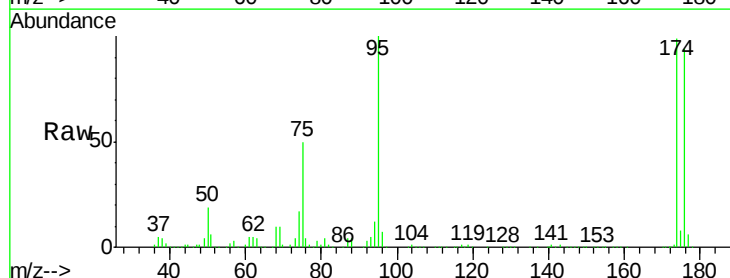
Tgt Ion: 95 Resp: 171124

Ion Ratio Lower Upper

95 100

174 98.9 0.0 187.4

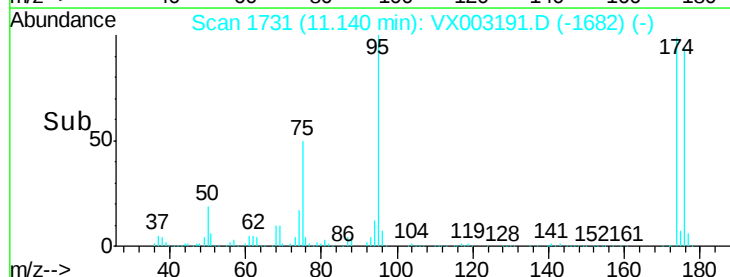
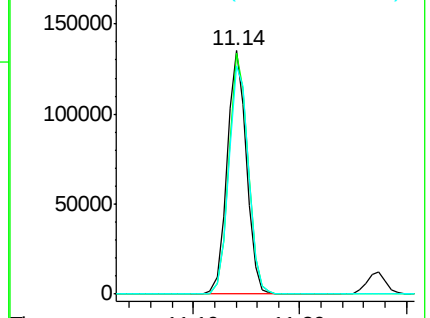
176 96.4 0.0 181.0

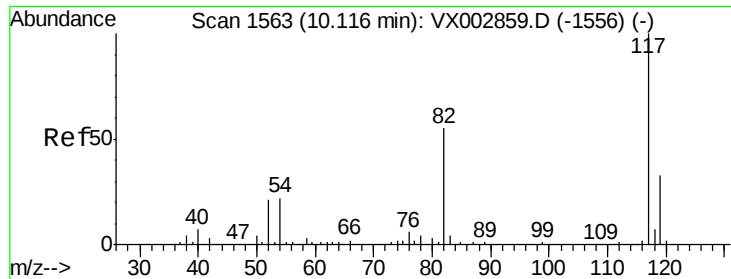


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





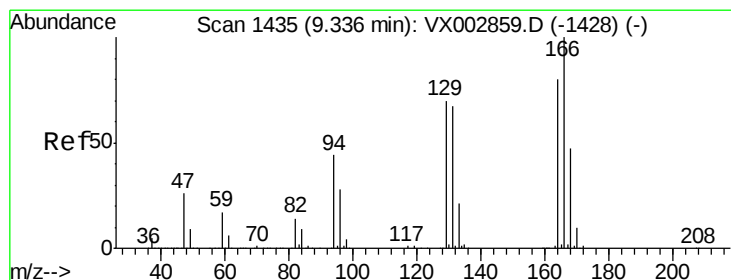
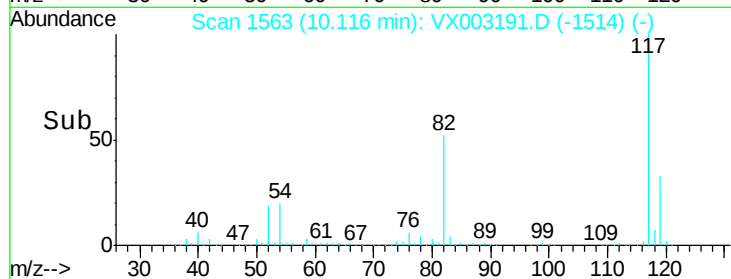
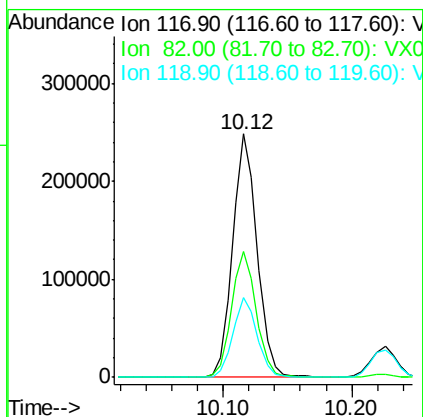
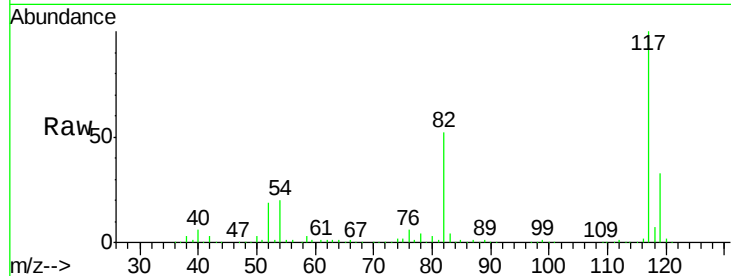
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	45.0	67.4
119	32.5	25.8	38.6

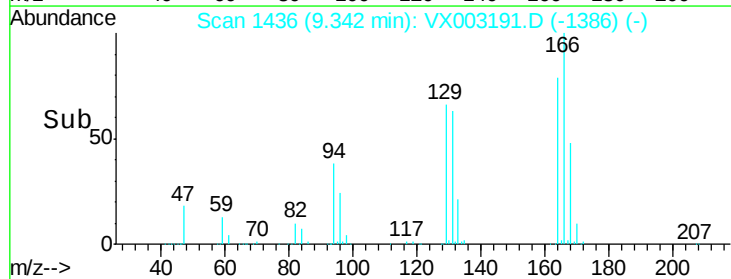
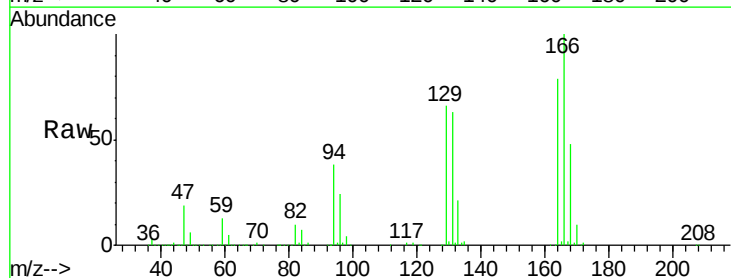
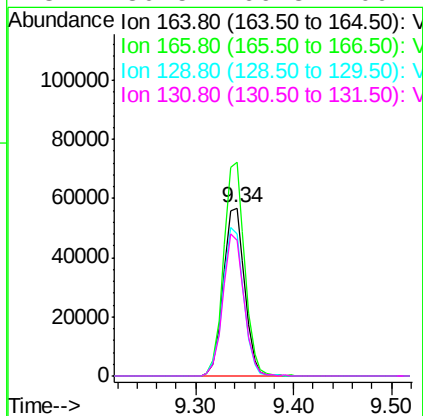
Manual Integrations
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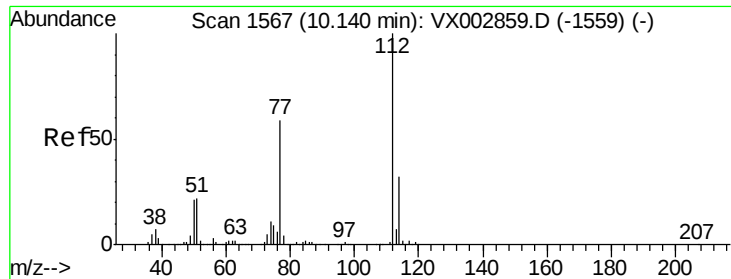
sam
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#64
Tetrachloroethene
Concen: 23.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.9	154.3
129	84.3	68.6	102.8
131	80.5	66.8	100.2





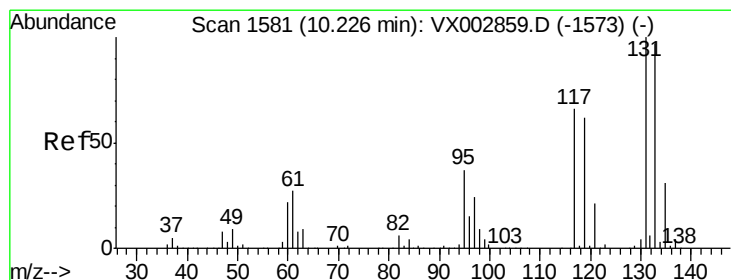
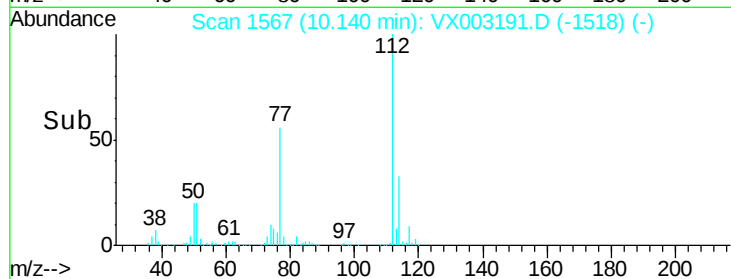
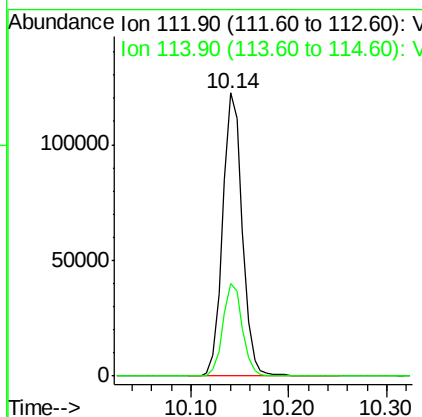
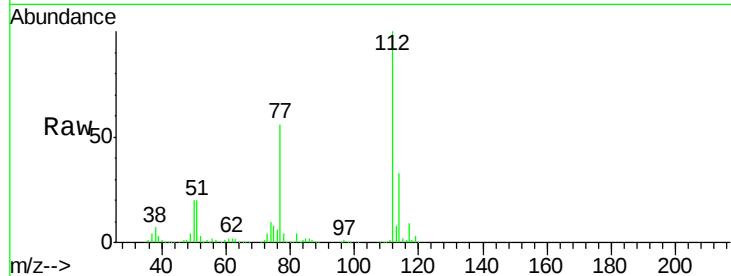
#65
Chlorobenzene
Concen: 20.35 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.3	37.9

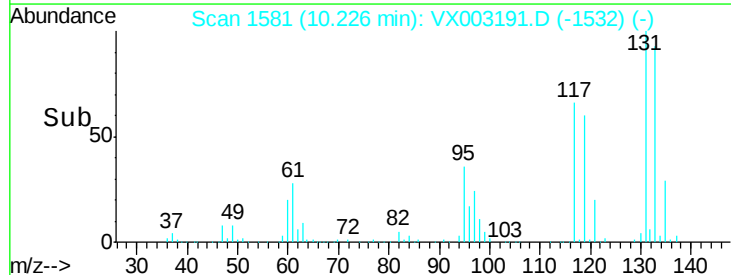
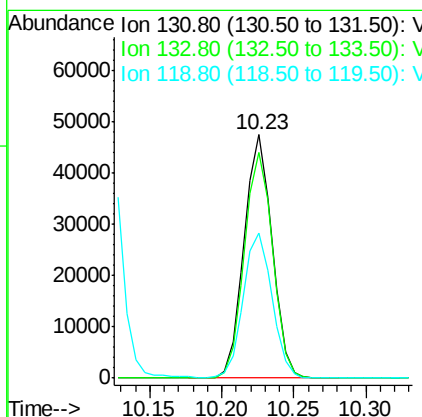
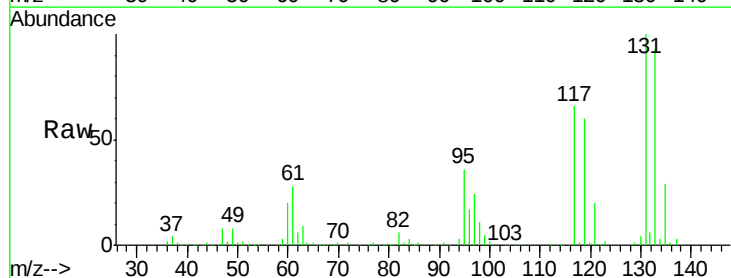
Manual Integrations
APPROVED

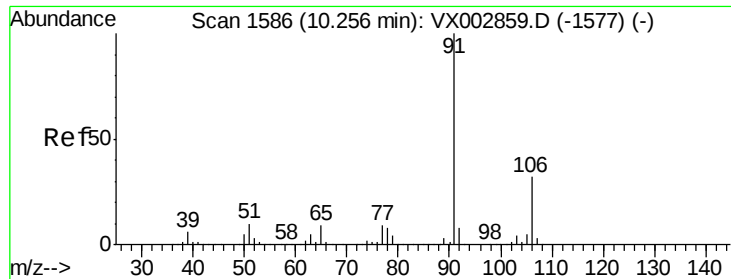
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.99 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.9	143.6
119	60.9	31.8	95.3





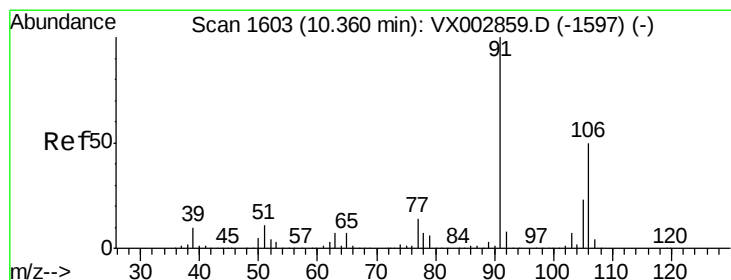
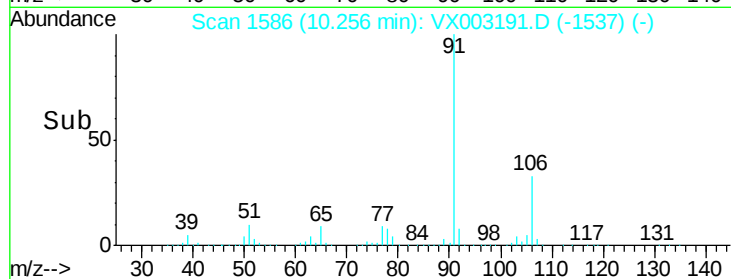
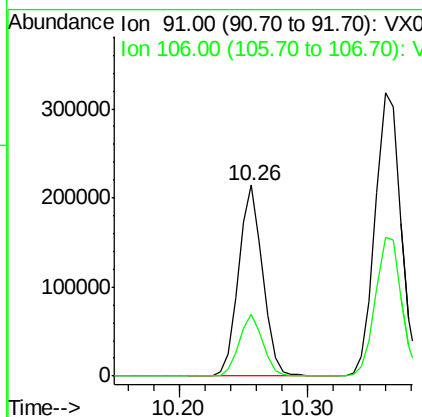
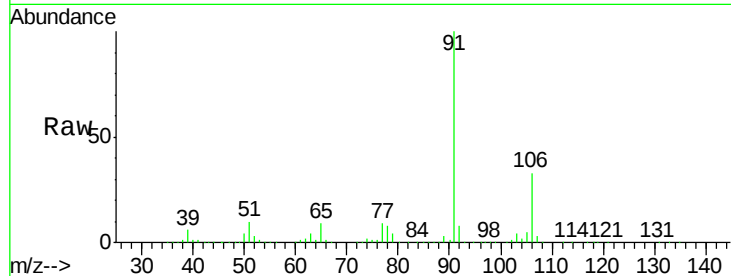
#67
Ethyl Benzene
Concen: 20.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion: 91 Resp: 278590
Ion Ratio Lower Upper
91 100
106 32.6 25.5 38.3

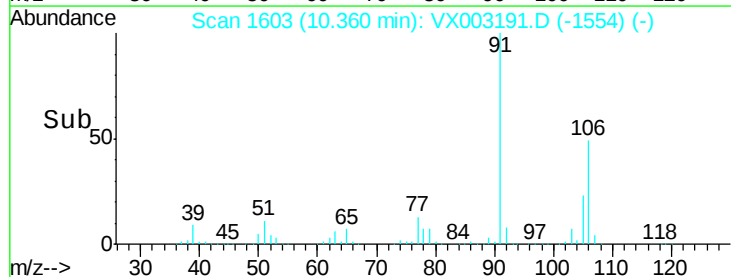
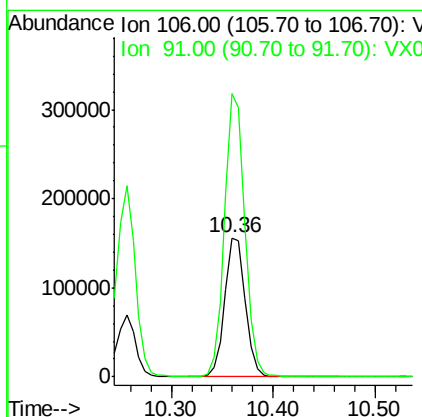
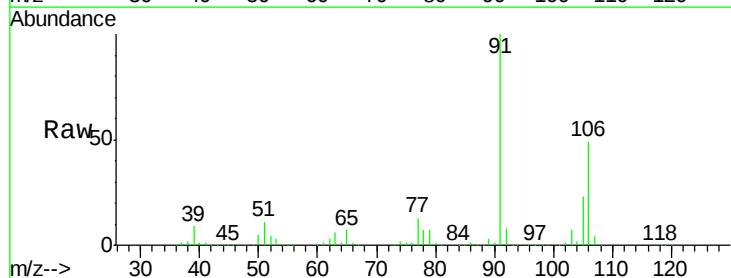
Manual Integrations
APPROVED

sam
7/6/2018 4:21:05 PM



#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion: 106 Resp: 217746
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2





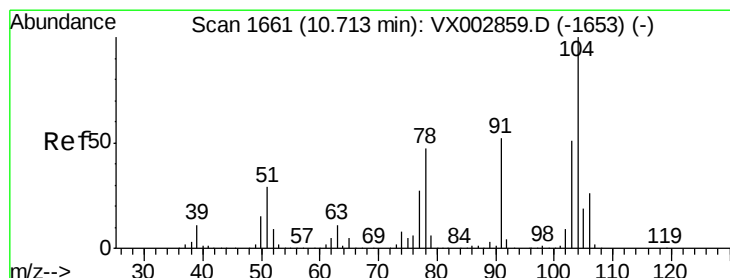
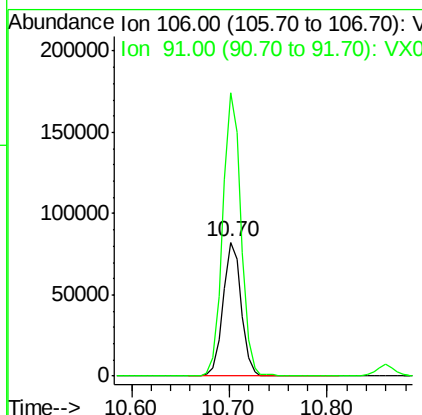
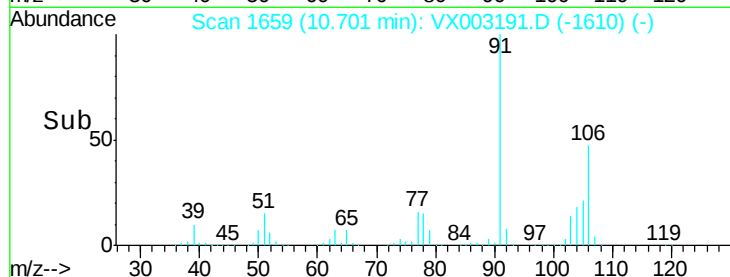
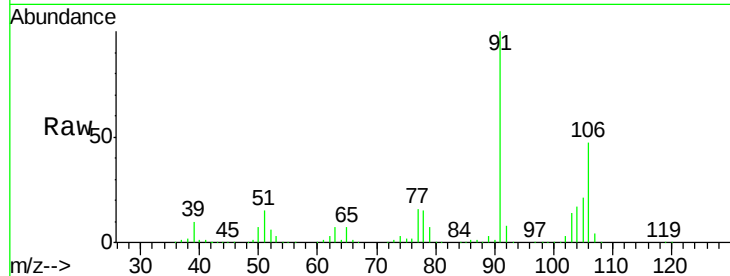
#69
o-Xylene
Concen: 20.43 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion:106 Resp: 106236
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6

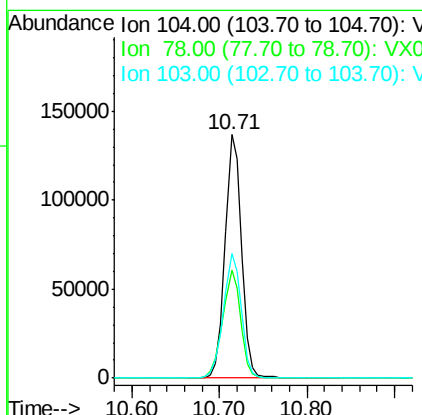
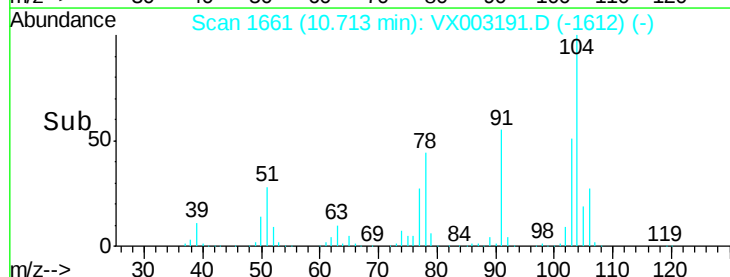
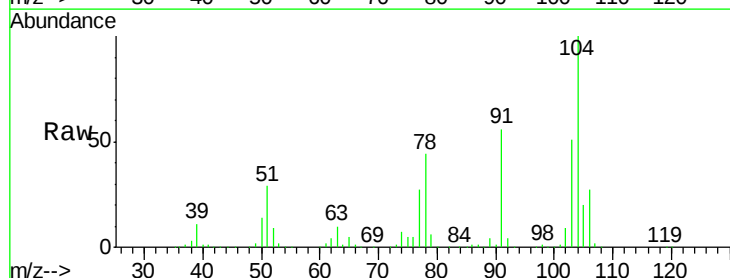
Manual Integrations
APPROVED

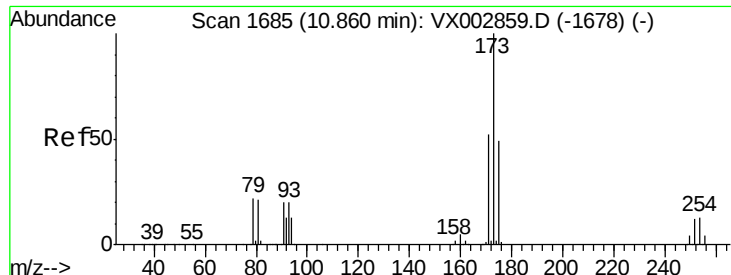
sam
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#70
Styrene
Concen: 21.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion:104 Resp: 177856
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 55.5 44.2 66.4





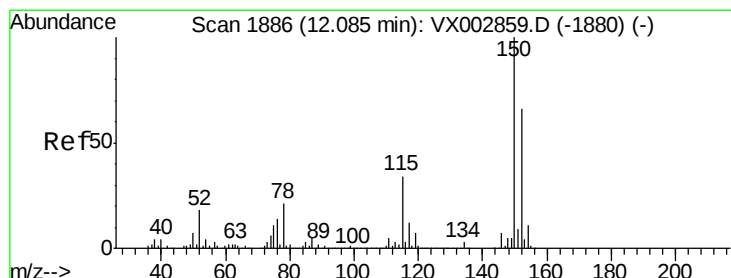
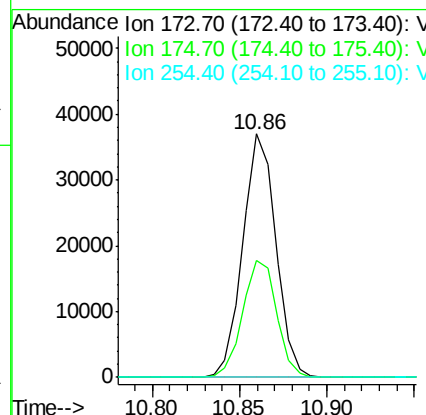
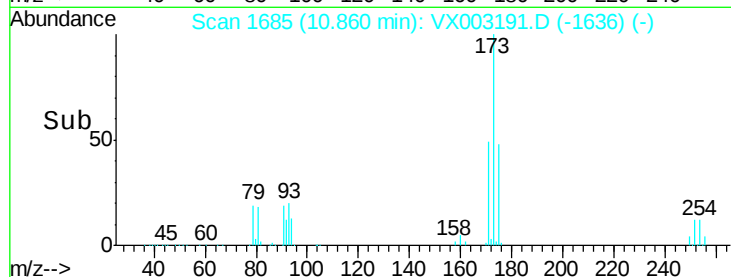
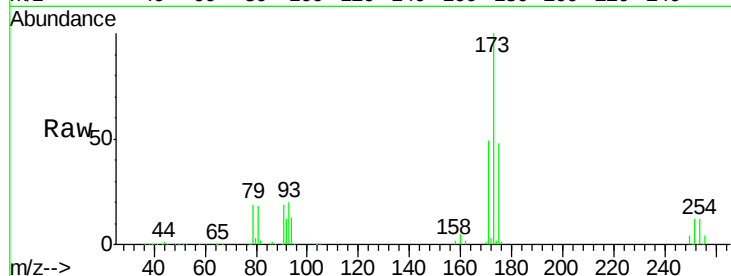
#71
Bromoform
Concen: 20.26 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

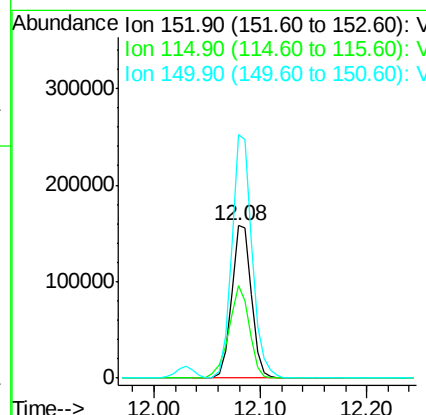
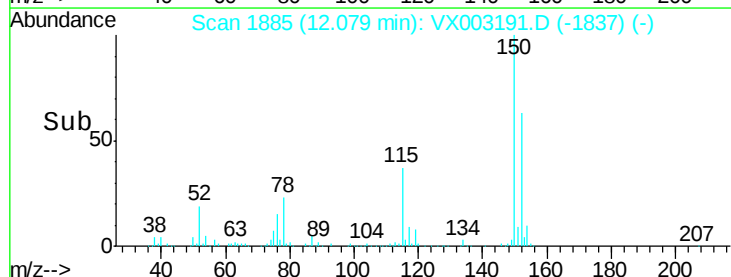
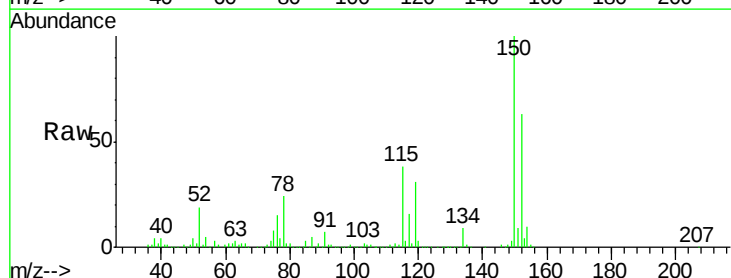
Manual Integrations
APPROVED

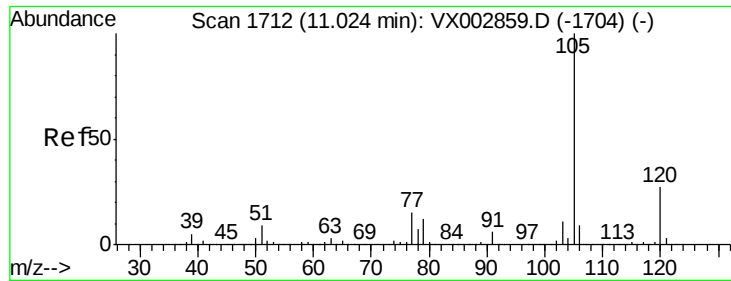
sam
7/6/2018 4:21:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	40.1	120.2
150	164.9	0.0	347.2





#73

Isopropylbenzene

Concen: 21.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS03

Tot Ion: 105 Resp: 289494

Ion Ratio Lower Upper

105 100

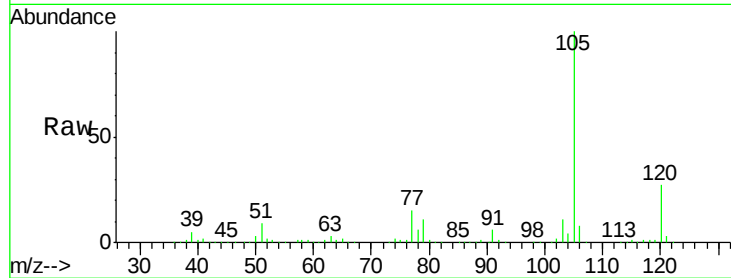
120 27.2 13.5 40.4

Manual Integrations

APPROVED

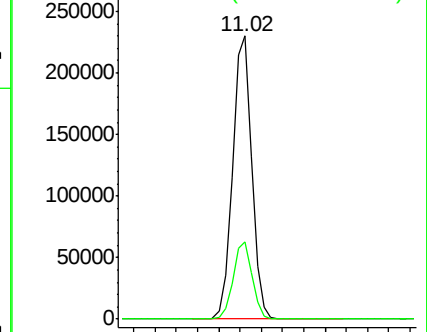
sam

7/6/2018 4:21:05 PM

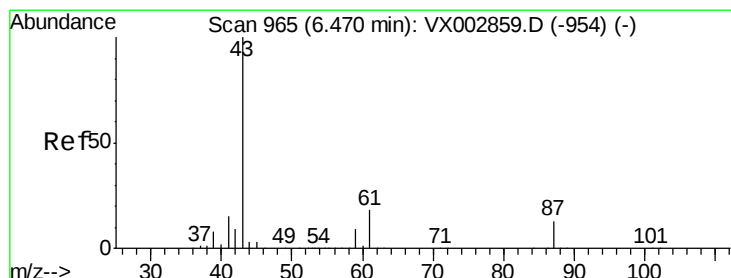
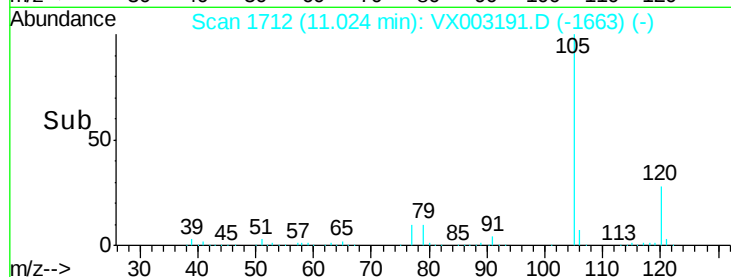


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.63 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion: 43 Resp: 138489

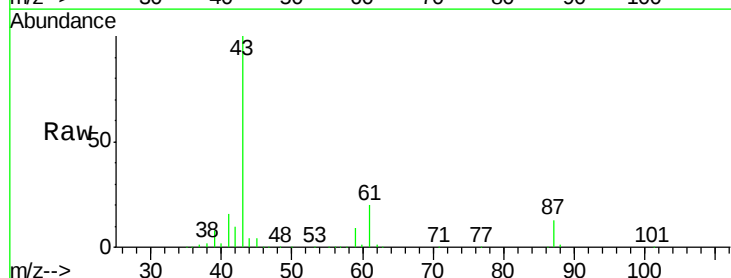
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.2 14.4 21.6

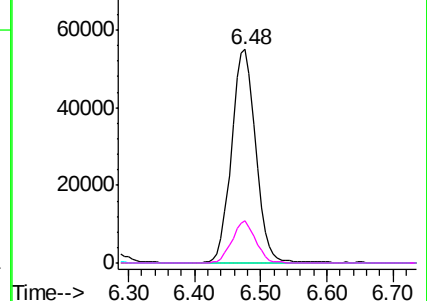


Abundance Ion 43.00 (42.70 to 43.70): VX0

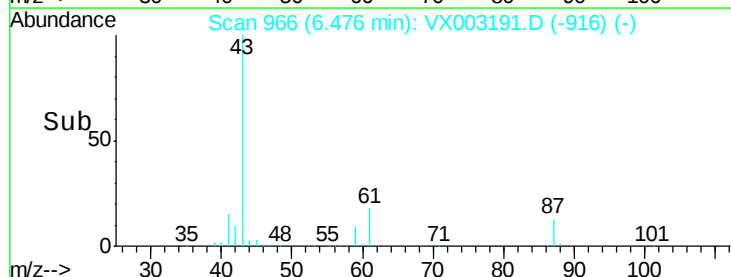
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

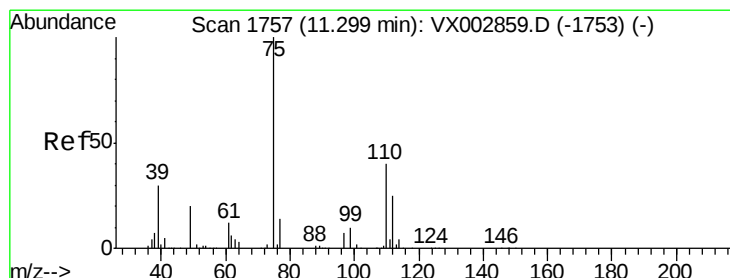
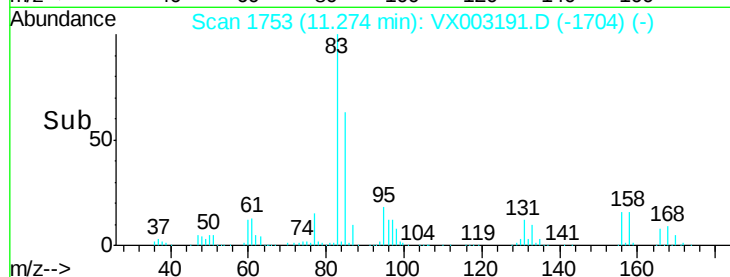
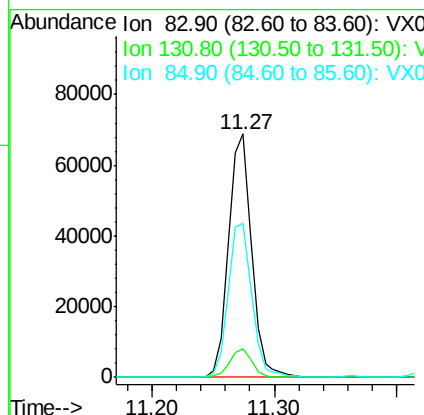
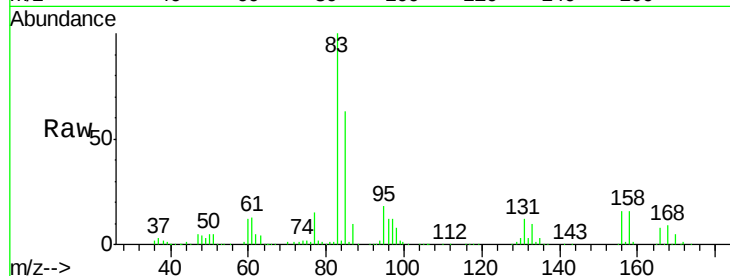
ClientSampled :

VX0705WBS03

Tot Ion:	83	Resp:	89212
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	65.1	32.4	97.2

Manual Integrations
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sam
7/6/2018 4:21:05 PM



#76

1,2,3-Trichloropropane

Concen: 23.65 ug/l m

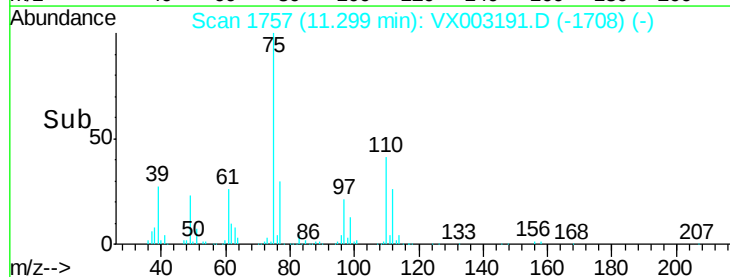
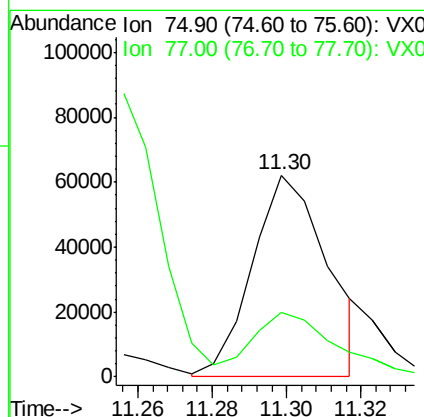
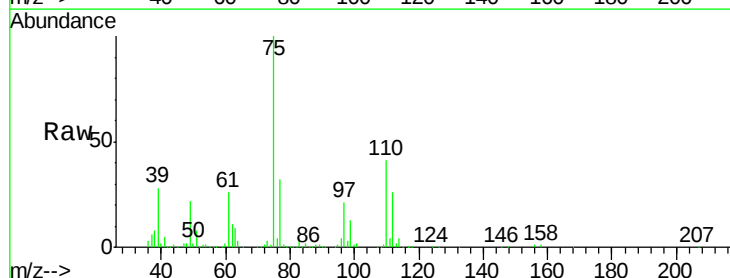
RT: 11.30 min Scan# 1757

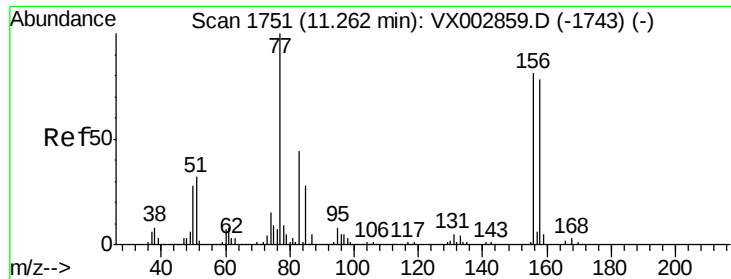
Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	75	Resp:	87343
Ion Ratio	Lower	Upper	
75	100		
77	35.9	22.8	68.3





#77

Bromobenzene

Concen: 21.05 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion:156 Resp: 82243

Ion Ratio Lower Upper

156 100

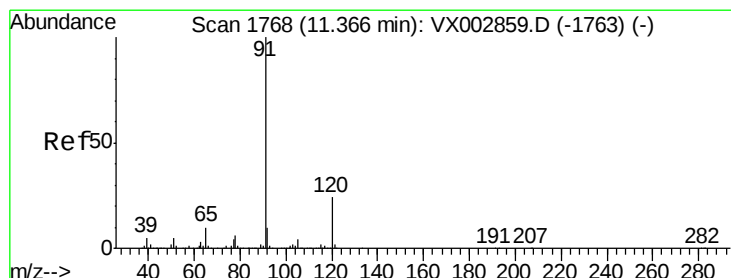
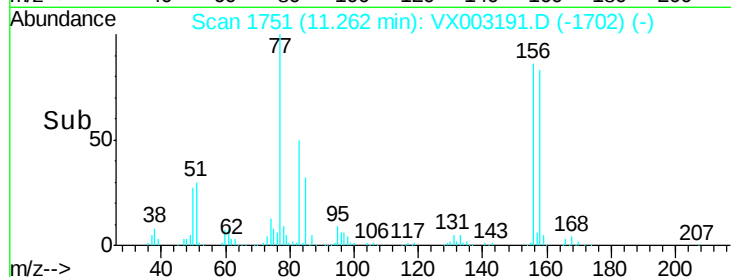
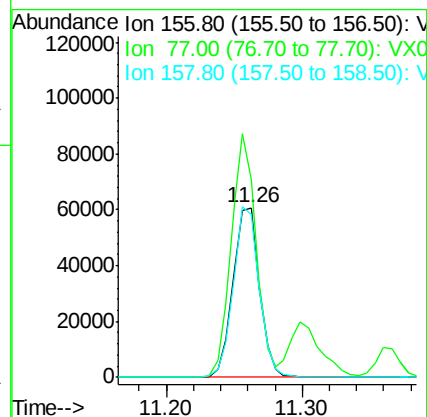
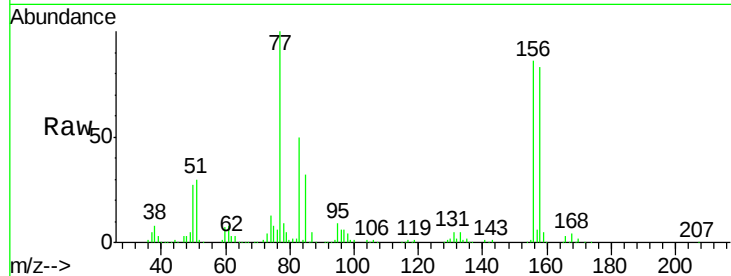
77 134.4 71.4 214.2

158 98.4 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003191.D

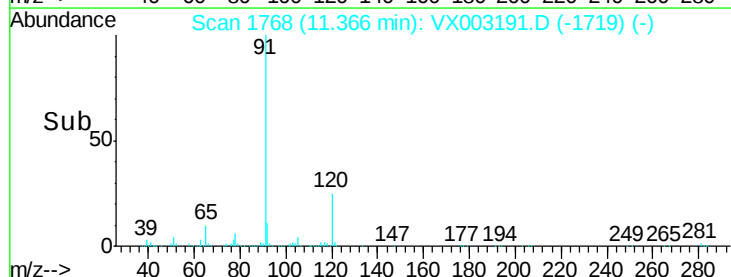
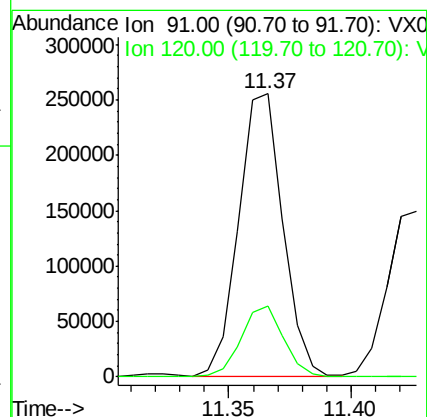
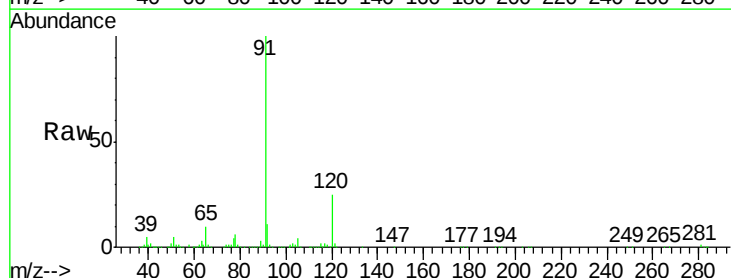
Acq: 06 Jul 2018 00:34

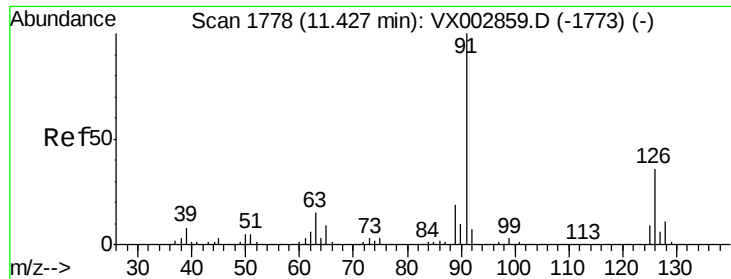
Tgt Ion: 91 Resp: 319433

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.66 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion: 91 Resp: 195324

Ion Ratio Lower Upper

91 100

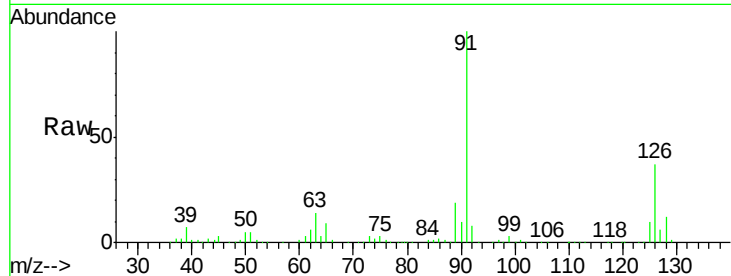
126 36.5 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

300000

250000

200000

150000

100000

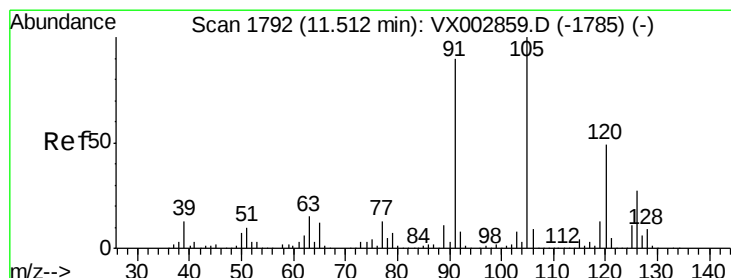
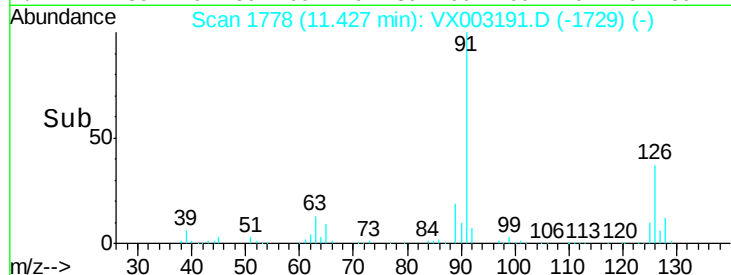
50000

0

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003191.D

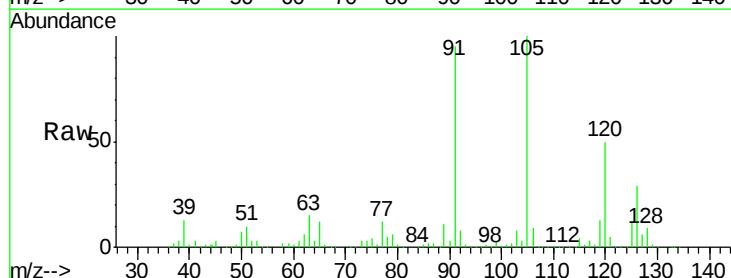
Acq: 06 Jul 2018 00:34

Tgt Ion: 105 Resp: 239230

Ion Ratio Lower Upper

105 100

120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

200000

150000

100000

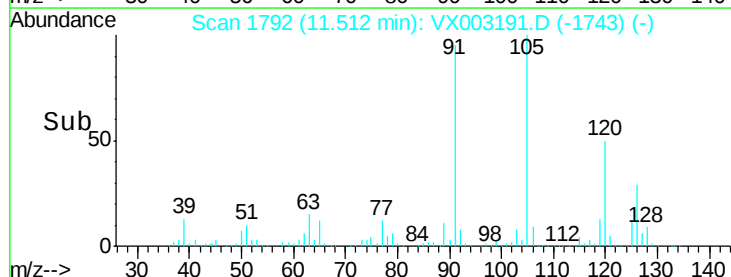
50000

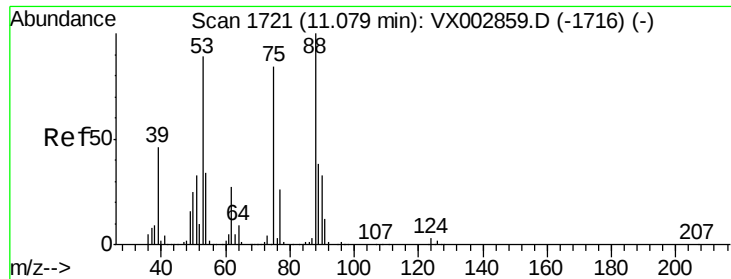
0

11.50

11.60

Time-->





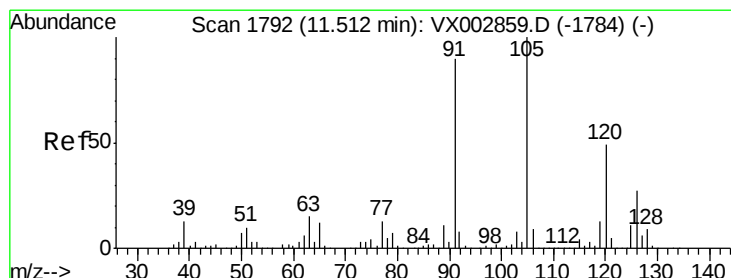
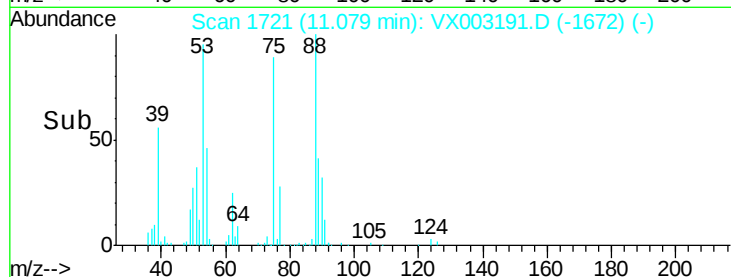
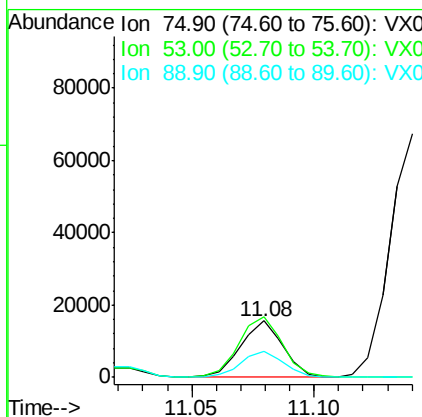
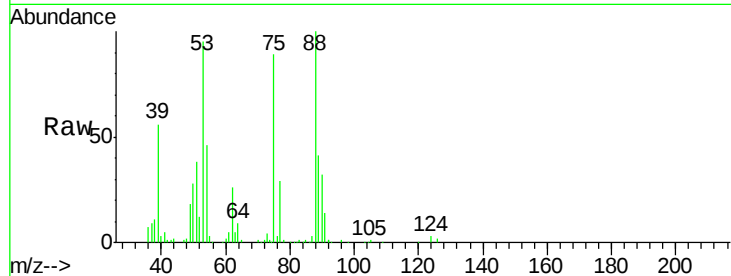
#81
trans-1,4-Dichloro-2-butene
Concen: 16.90 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS03

Tot Ion: 75 Resp: 18482
Ion Ratio Lower Upper
75 100
53 111.0 86.8 130.2
89 47.8 38.2 57.2

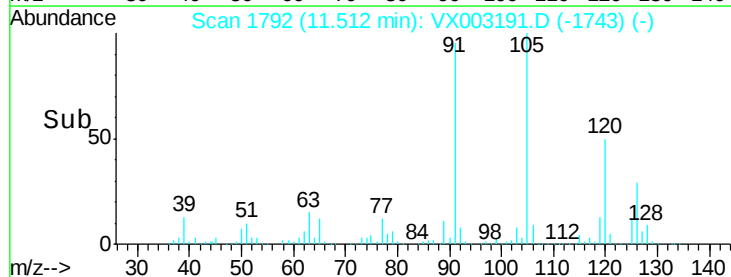
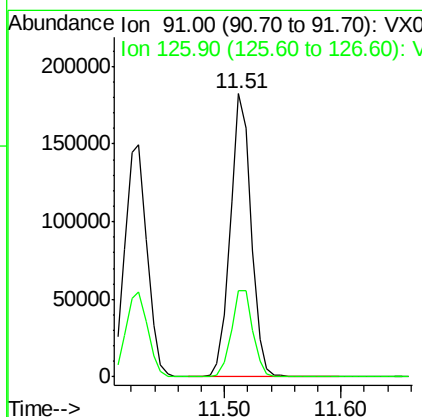
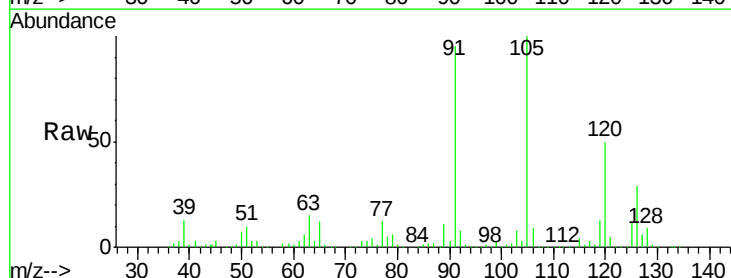
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.20 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion: 91 Resp: 226128
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.4





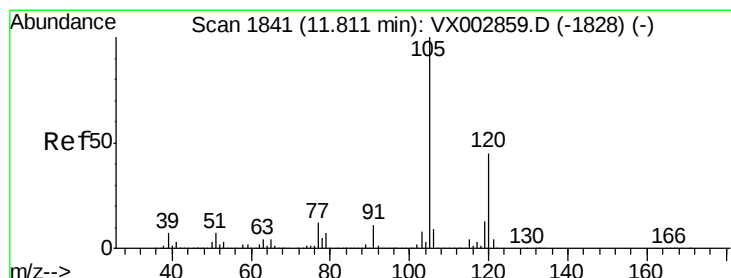
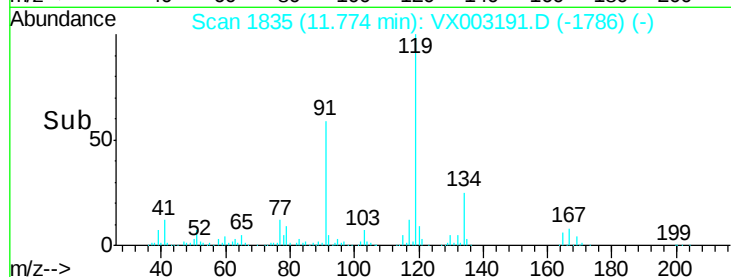
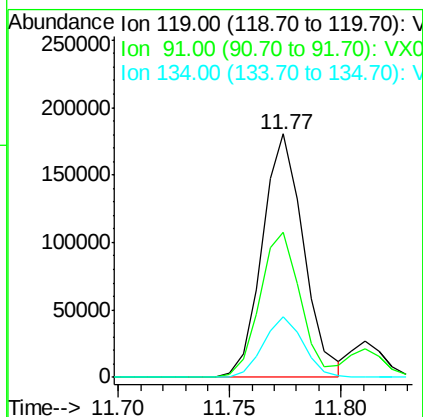
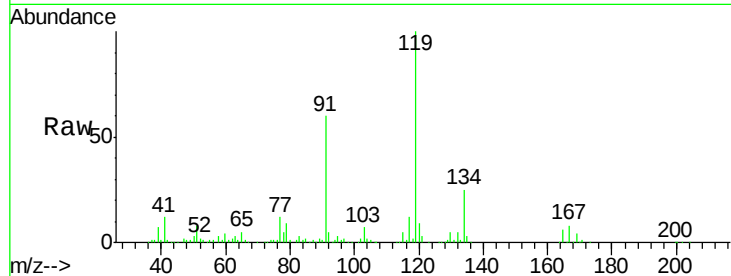
#83
tert-Butylbenzene
Concen: 20.41 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232416		
91	59.6	30.3	90.9	
134	24.2	11.7	35.1	

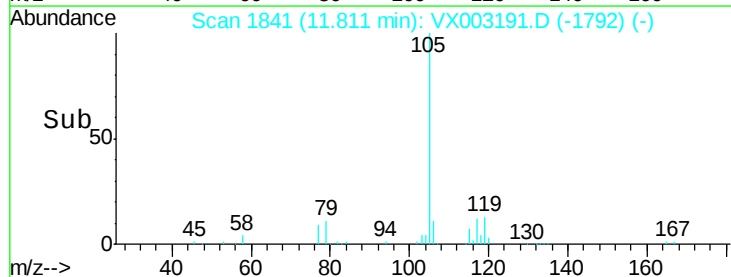
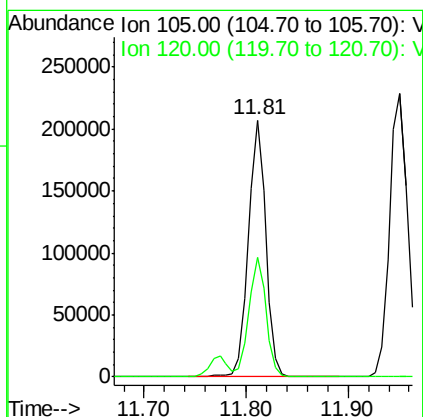
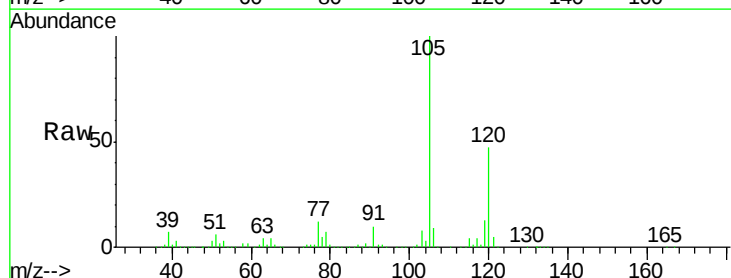
Manual Integrations
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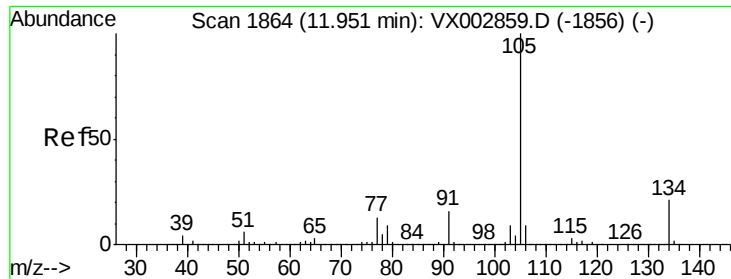
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#84
1,2,4-Trimethylbenzene
Concen: 20.64 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247086		
120	45.7	22.3	66.8	





#85

sec-Butylbenzene

Concen: 20.56 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS03

Tot Ion:105 Resp: 284046

Ion Ratio Lower Upper

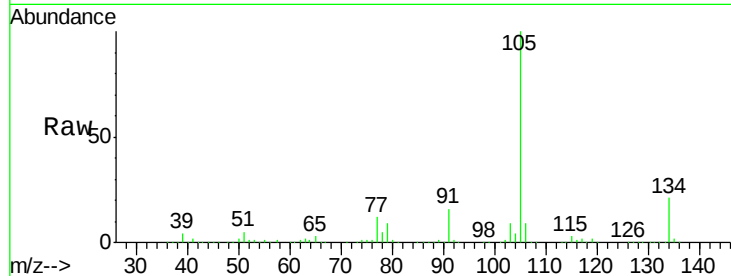
105 100

134 20.7 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

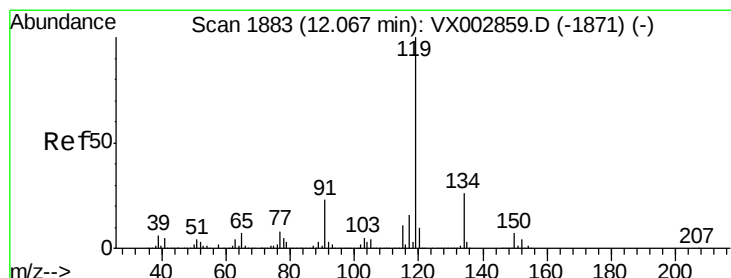
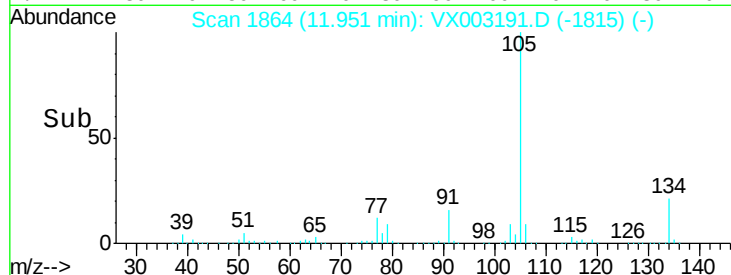
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

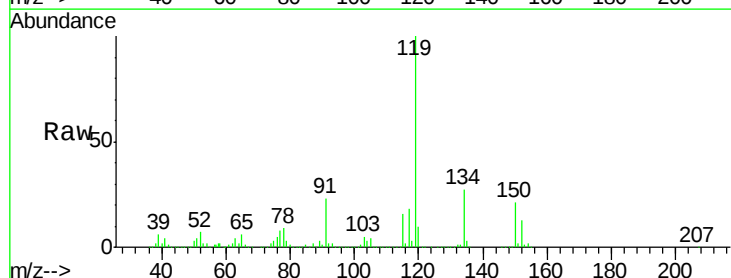
Tgt Ion:119 Resp: 255332

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

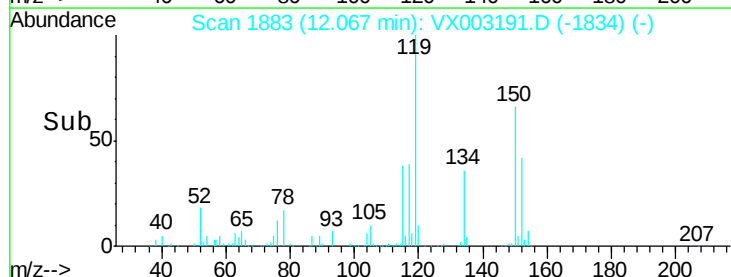
50000

0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS03

Tot Ion:146 Resp: 145868

Ion Ratio Lower Upper

146 100

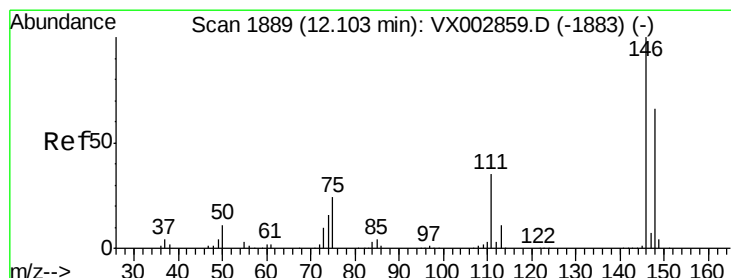
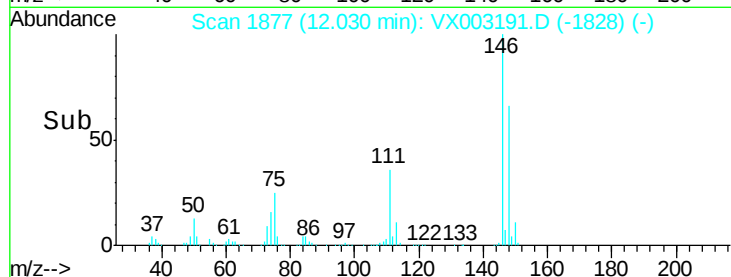
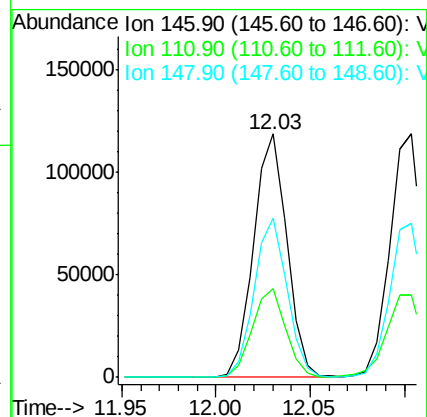
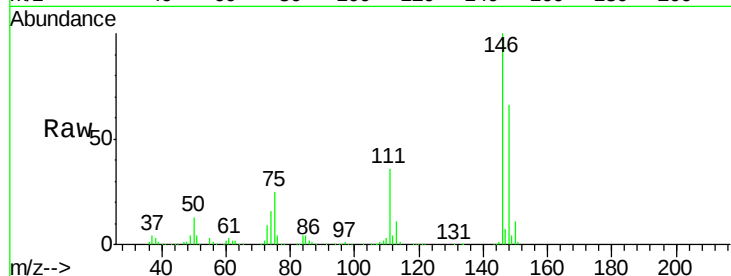
111 36.6 18.9 56.7

148 64.8 32.1 96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.21 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

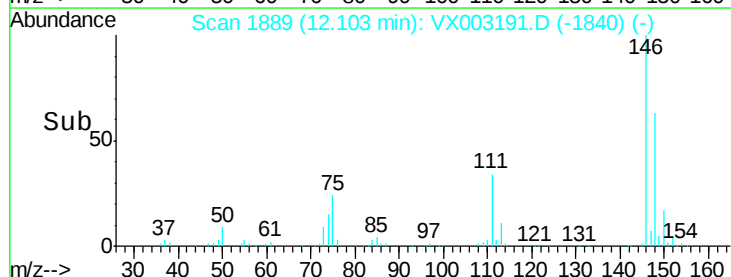
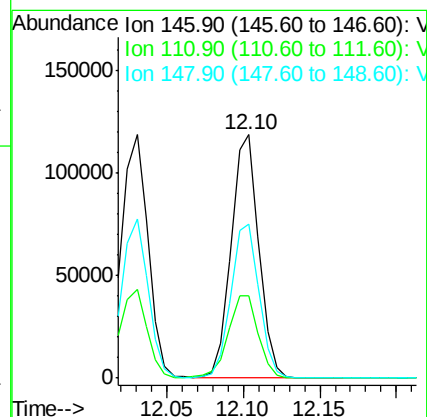
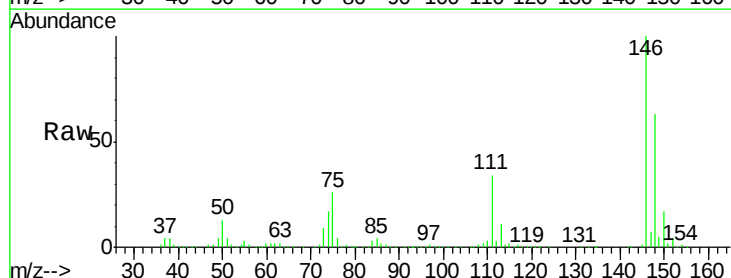
Tgt Ion:146 Resp: 148391

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

148 64.7 32.4 97.0





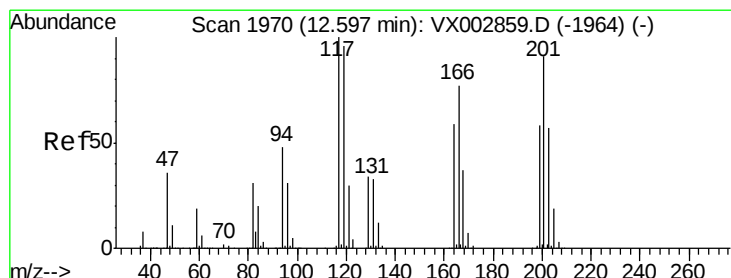
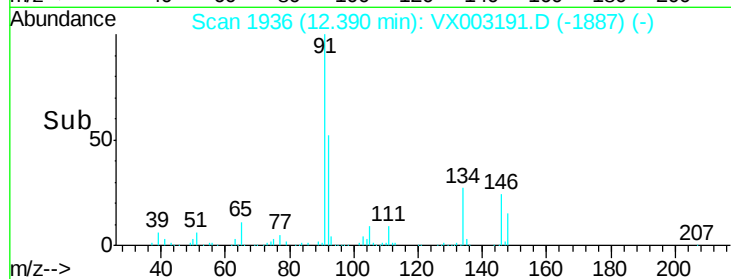
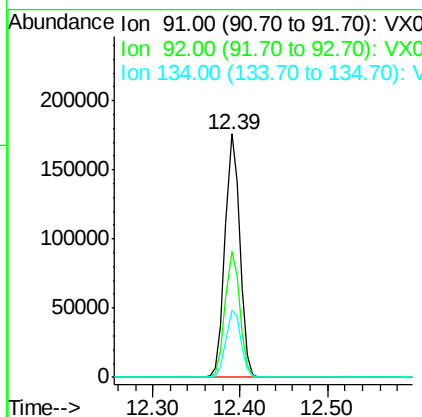
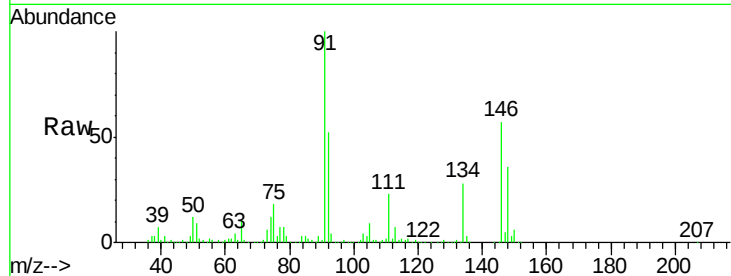
#89
n-Butylbenzene
Concen: 18.95 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	27.6	13.5	40.5

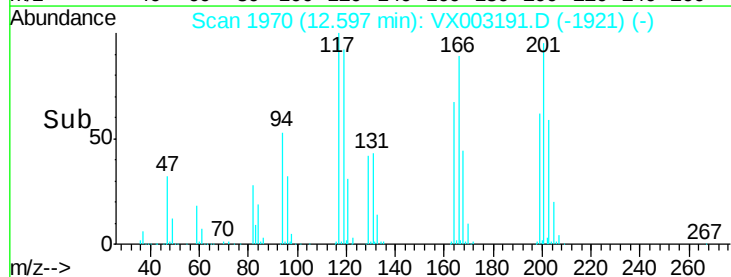
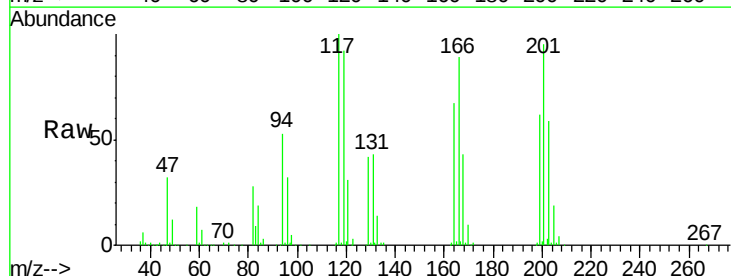
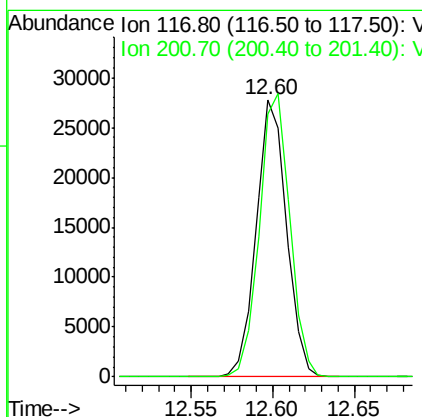
Manual Integrations
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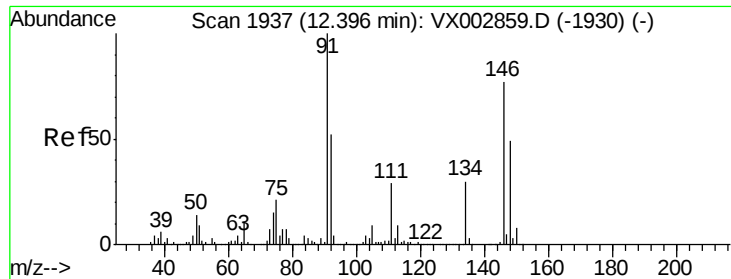
sam
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#90
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003191.D
Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.4	49.0	147.0





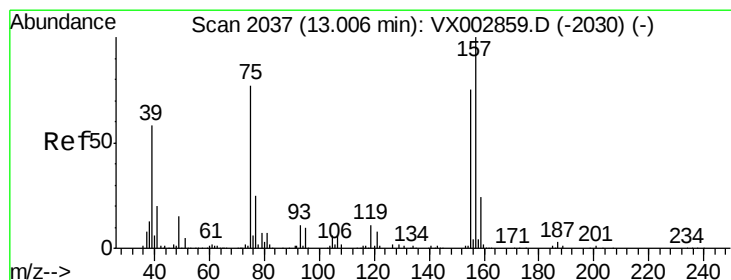
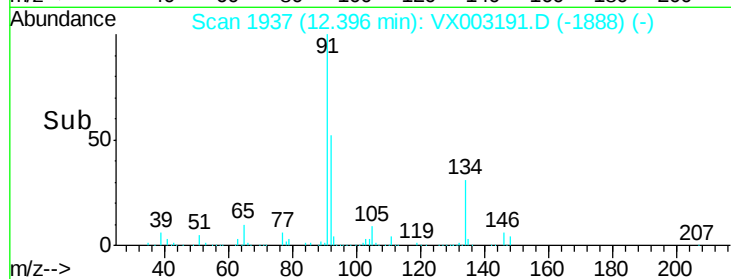
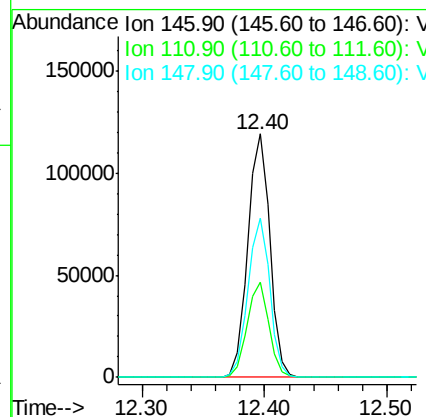
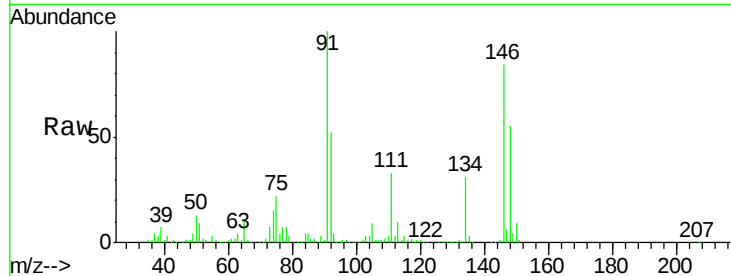
#91
 1,2-Dichlorobenzene
 Concen: 20.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	65.1	31.7	95.1

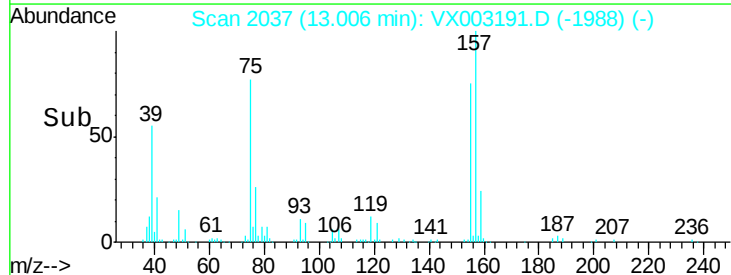
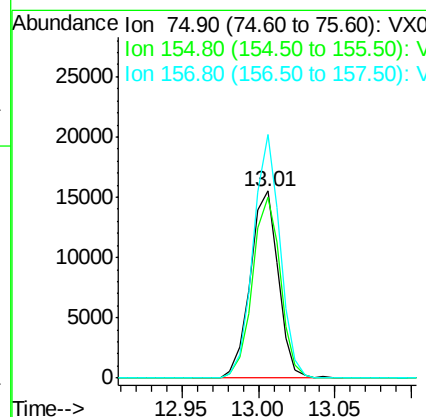
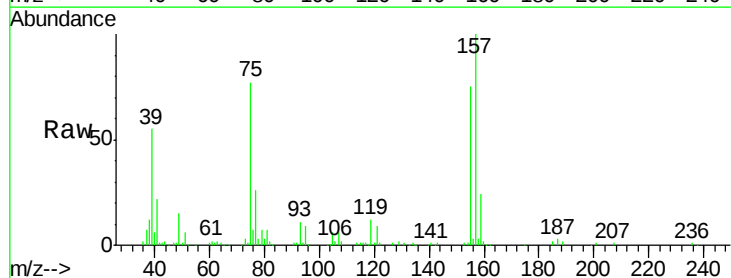
Manual Integrations
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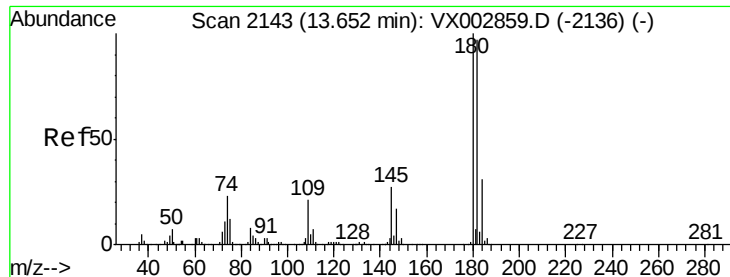
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.74 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	45.8	137.4
157	124.0	60.1	180.3





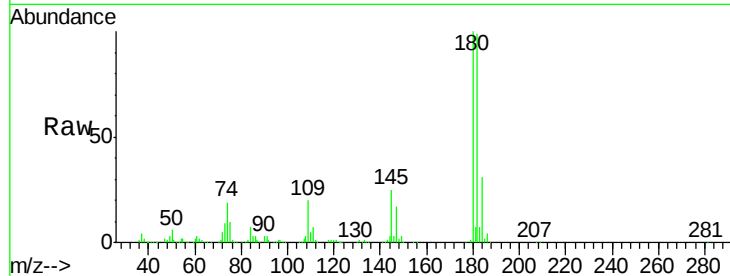
#93
 1,2,4-Trichlorobenzene
 Concen: 21.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS03

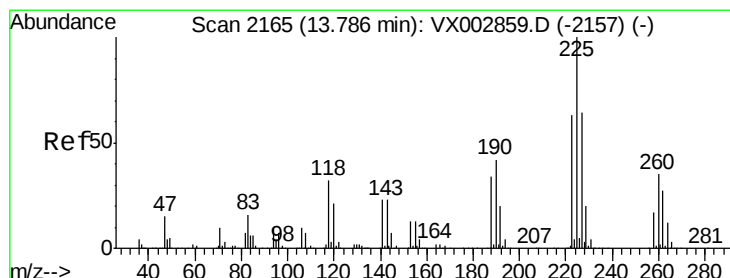
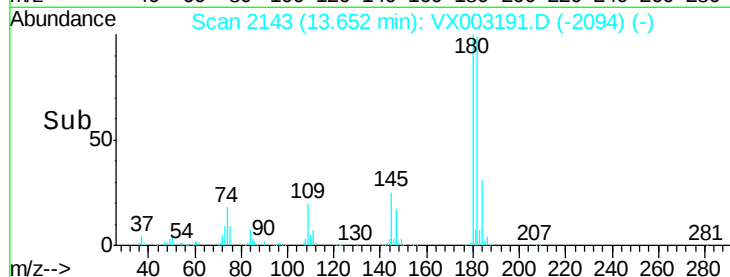
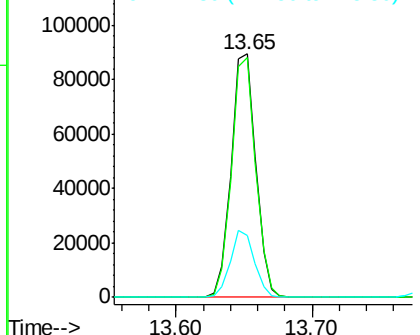
Tot Ion	Ratio	Resp	Lower	Upper
180	100	112579		
182	96.9	47.7	143.1	
145	26.9	14.1	42.4	

Manual Integrations
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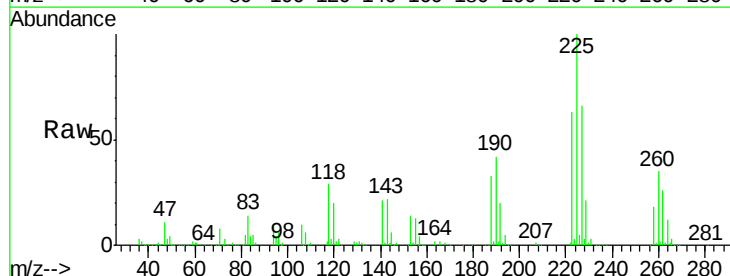


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

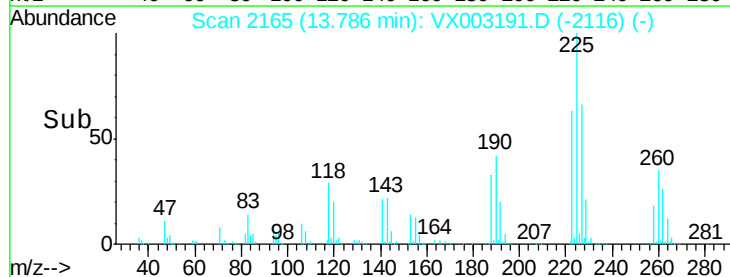
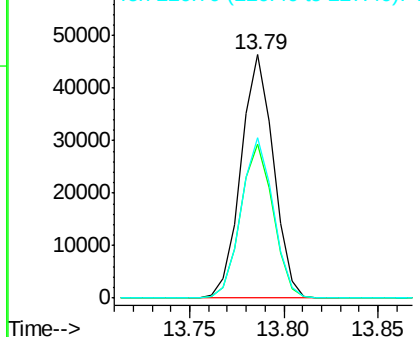


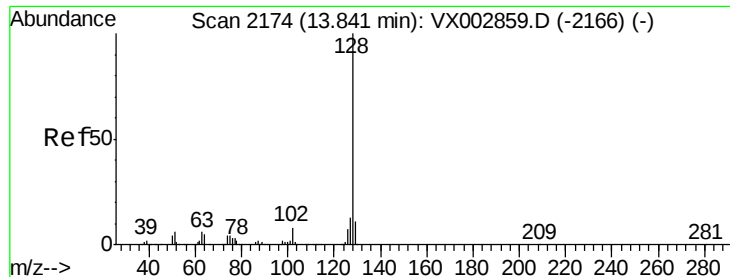
#94
 Hexachlorobutadiene
 Concen: 21.18 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003191.D
 Acq: 06 Jul 2018 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55379		
223	63.4	31.6	95.0	
227	65.2	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: 22.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Instrument :

MSVOA_X

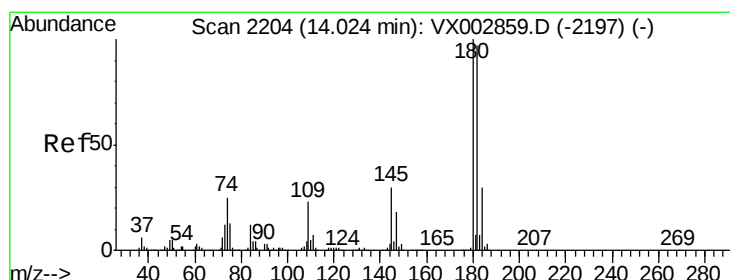
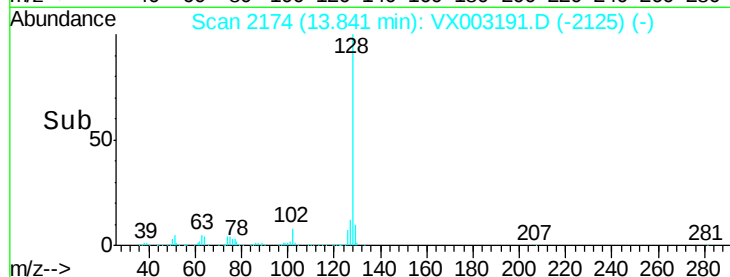
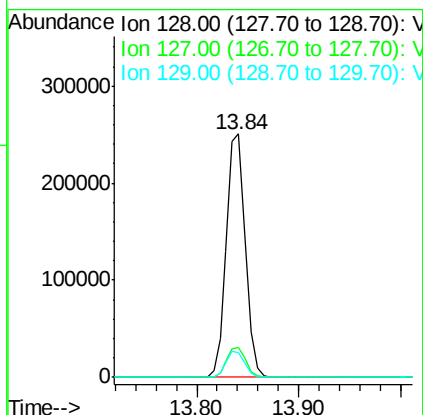
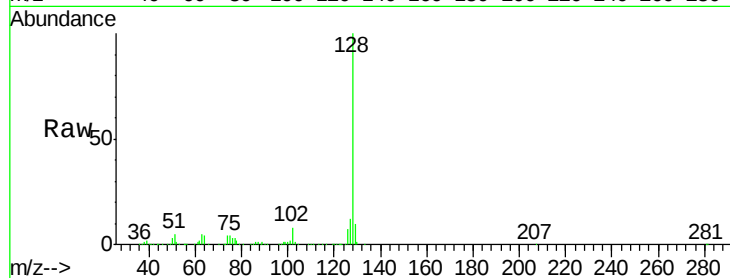
ClientSampleId :

VX0705WBS03

Tot Ion:	128	Resp:	320777
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2018 4:21:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.47 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003191.D

Acq: 06 Jul 2018 00:34

Tgt Ion:	180	Resp:	117635
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.0	144.0
145	29.1	14.8	44.3

