

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004896.D
 Acq On : 02 Oct 2018 03:31
 Operator : JC/MD
 Sample : J5041-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0247

Quant Time: Oct 02 05:13:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172761	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.50	113	145592	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.72	98	544799	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	208570	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	3213	0.815	ug/l 94
5) Bromomethane	1.64	94	571	0.260	ug/l # 52
11) Tert butyl alcohol	3.07	59	2588	2.718	ug/l # 72
13) Acrolein	2.39	56	24537	36.212	ug/l # 79
14) Allyl chloride	2.84	41	63338	11.236	ug/l # 61
15) Acrylonitrile	3.17	53	12530	5.977	ug/l # 44
16) Acetone	2.45	43	8680	4.365	ug/l 99
17) Carbon Disulfide	2.57	76	2176	0.280	ug/l # 84
18) Methyl Acetate	2.84	43	160445	31.847	ug/l # 51
20) Methylene Chloride	2.84	84	1219	Below Cal	# 1
25) 2-Butanone	4.71	43	614	0.209	ug/l 97
31) Cyclohexane	5.57	56	437610	100.980	ug/l 93
36) 1,1-Dichloropropene	5.66	75	15502	3.575	ug/l # 50
38) Carbon Tetrachloride	5.66	117	21056	4.620	ug/l # 15
39) Methylcyclohexane	7.46	83	457288	103.281	ug/l 94
40) Benzene	6.15	78	3584	0.264	ug/l 92
41) Methacrylonitrile	5.23	41	8765	2.746	ug/l # 51
43) Isopropyl Acetate	6.45	43	6859	0.826	ug/l # 63
45) 1,2-Dichloropropane	7.46	63	4861	1.460	ug/l # 1
48) Methyl methacrylate	7.73	41	19108	5.068	ug/l # 58
51) 4-Methyl-2-Pentanone	8.66	43	4184	0.800	ug/l # 50
52) Toluene	8.79	92	2753	0.369	ug/l 95
55) 1,1,2-Trichloroethane	9.16	97	26500	8.111	ug/l # 20
56) Ethyl methacrylate	9.16	69	6001	3.929	ug/l # 1
58) 2-Chloroethyl Vinyl ether	8.40	63	204	14.310	ug/l # 45
68) m/p-Xylenes	10.36	106	1249	0.213	ug/l 80
70) Styrene	10.72	104	193	2.159	ug/l # 25
73) Isopropylbenzene	11.02	105	49178	3.661	ug/l 98
74) N-amyl acetate	10.91	43	2006	2.010	ug/l # 16
76) 1,2,3-Trichloropropane	11.14	75	102832	21.529	ug/l # 37
78) n-propylbenzene	11.36	91	27737	1.800	ug/l 96
79) 2-Chlorotoluene	11.36	91	27737	2.887	ug/l # 39
80) 1,3,5-Trimethylbenzene	11.51	105	1027	Below Cal	93
81) trans-1,4-Dichloro-2-buten	11.14	75	102832	58.371	ug/l # 10

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

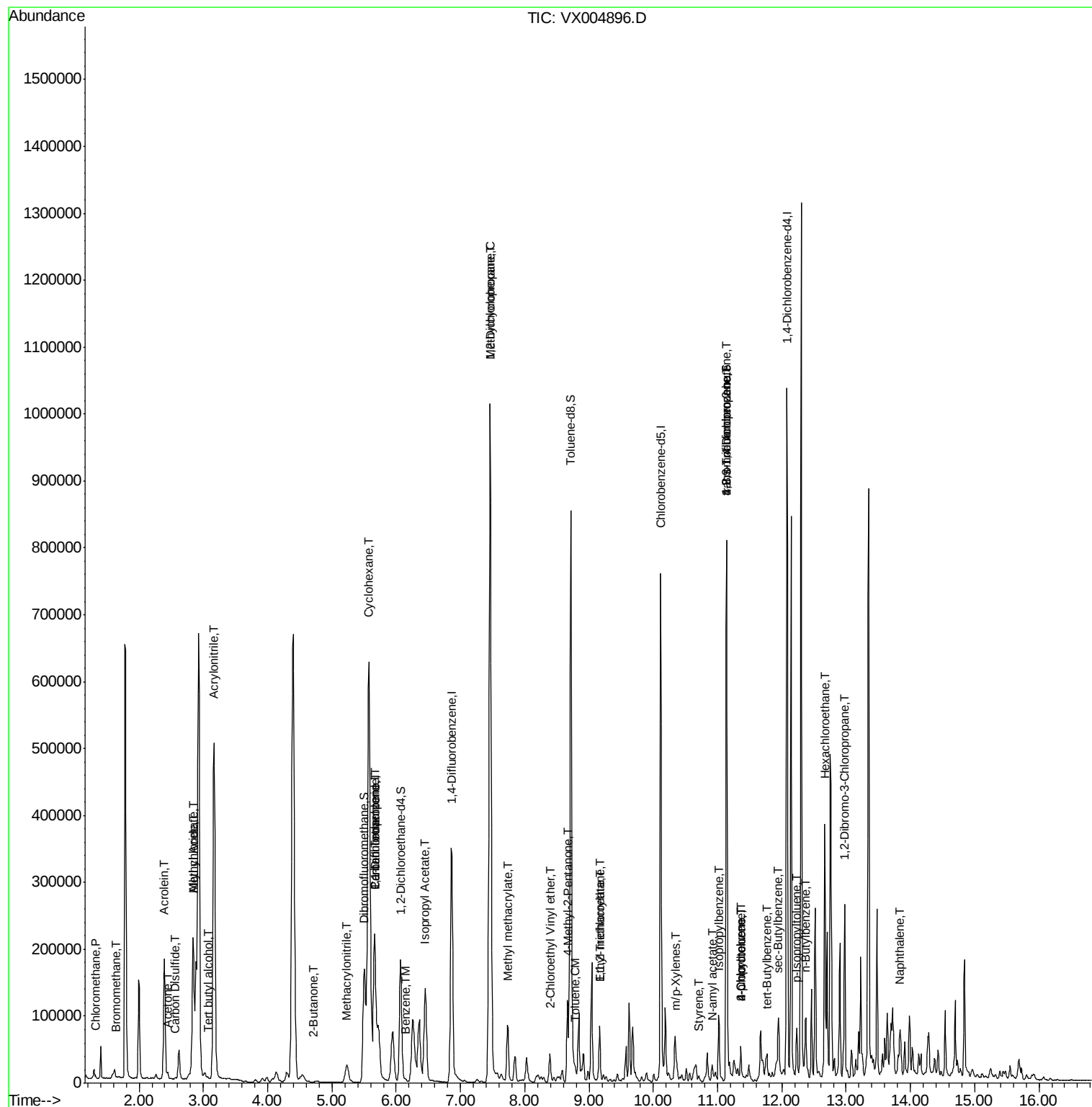
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	27737	2.453	ug/l #	44
83) tert-Butylbenzene	11.77	119	10700	0.968	ug/l	88
85) sec-Butylbenzene	11.94	105	39276	2.916	ug/l	87
86) p-Isopropyltoluene	12.23	119	30060	2.463	ug/l	95
89) n-Butylbenzene	12.37	91	11509	1.038	ug/l #	31
90) Hexachloroethane	12.67	117	16868	8.301	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1133	0.944	ug/l #	1
95) Naphthalene	13.83	128	41395	3.021	ug/l #	89

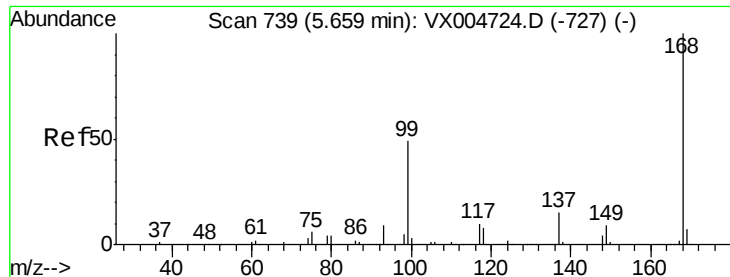
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

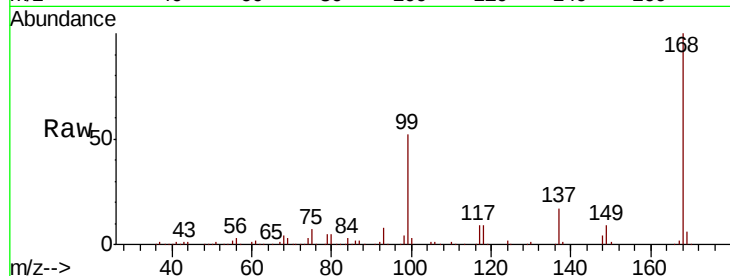
S13-0247

Tot Ion:168 Resp: 238430

Ion Ratio Lower Upper

168 100

99 52.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

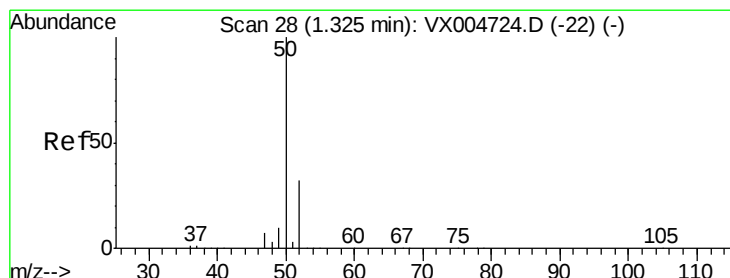
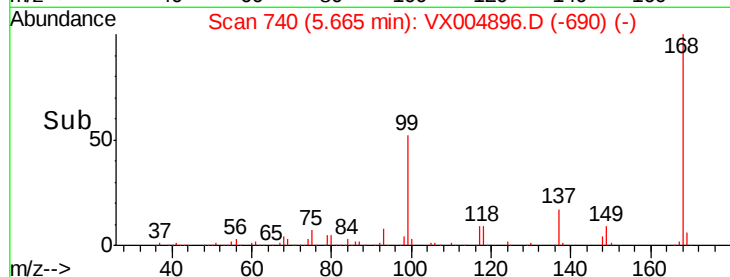
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.815 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004896.D

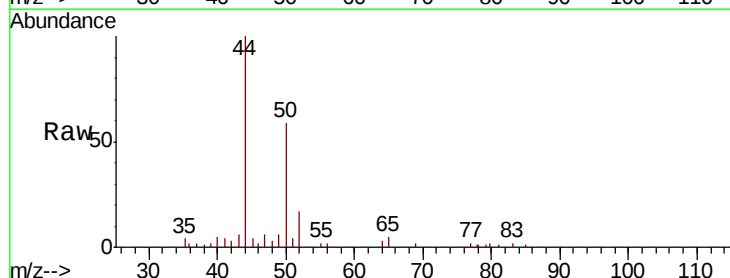
Acq: 02 Oct 2018 03:31

Tgt Ion: 50 Resp: 3213

Ion Ratio Lower Upper

50 100

52 29.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

1500

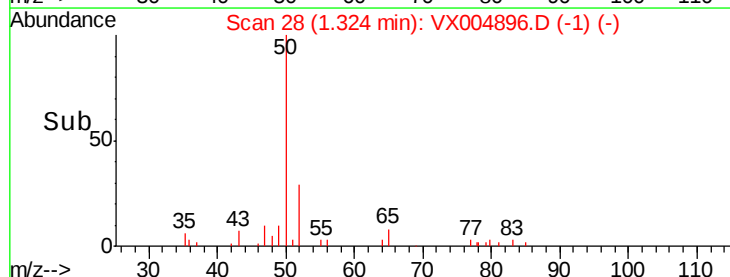
1000

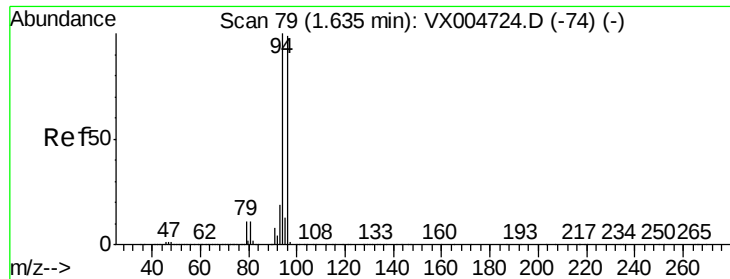
500

0

Time-->

1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

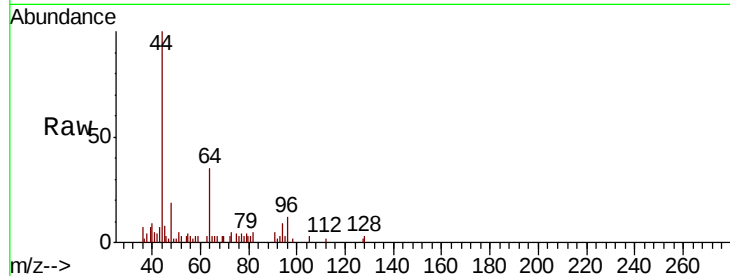
S13-0247

Tot Ion: 94 Resp: 571

Ion Ratio Lower Upper

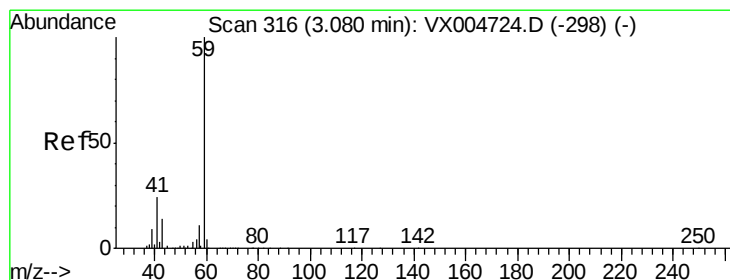
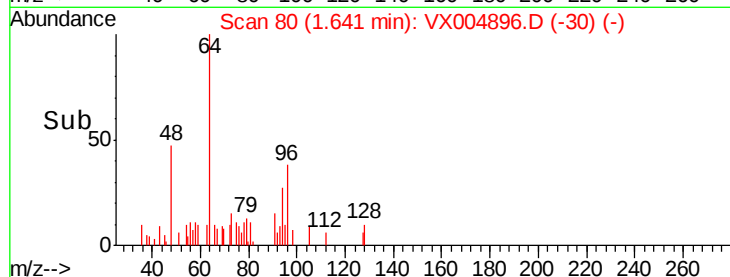
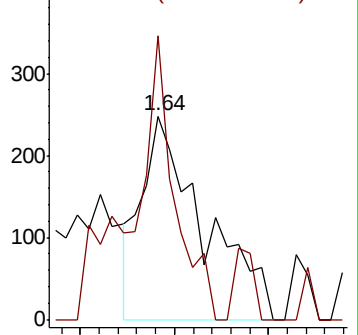
94 100

96 139.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 2.718 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004896.D

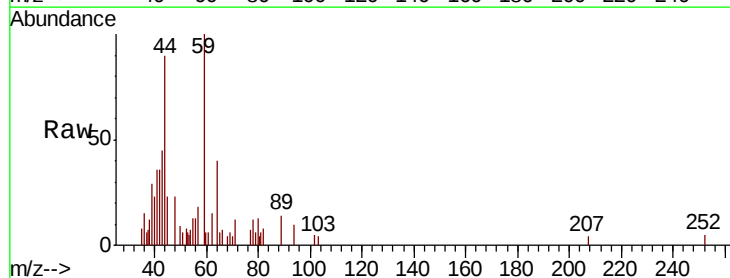
Acq: 02 Oct 2018 03:31

Tgt Ion: 59 Resp: 2588

Ion Ratio Lower Upper

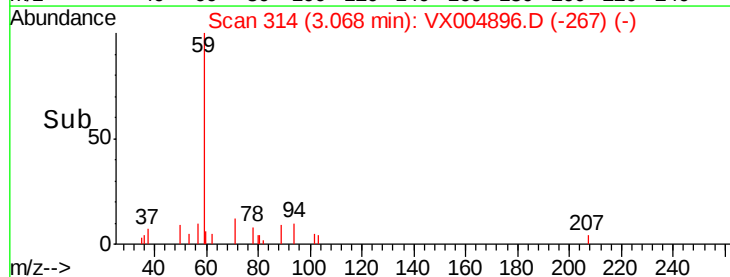
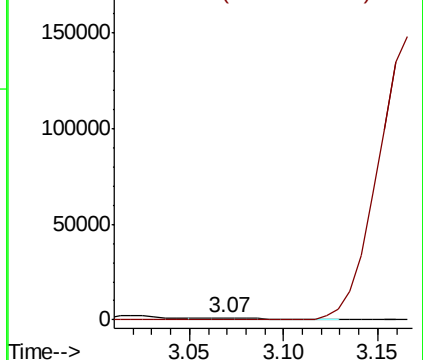
59 100

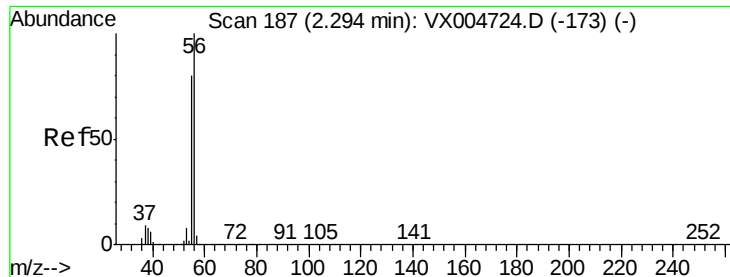
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 36.212 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

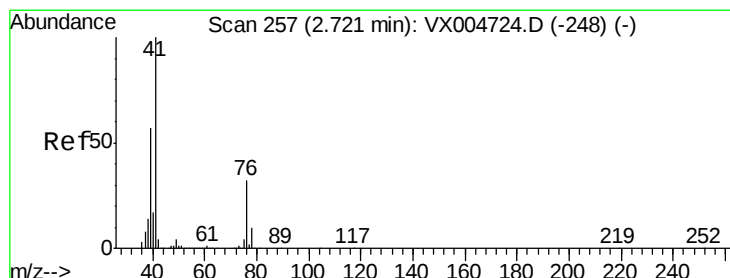
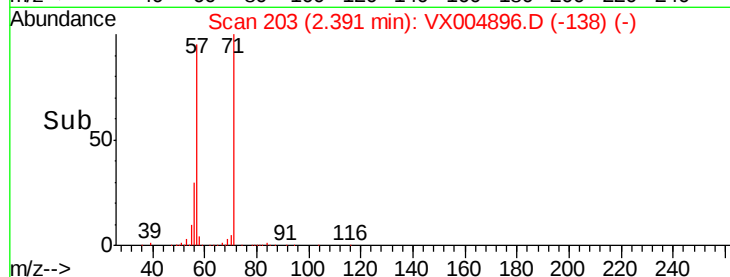
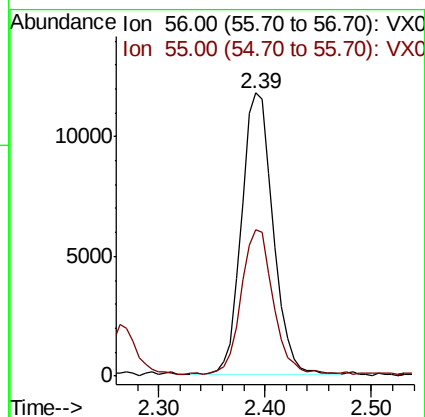
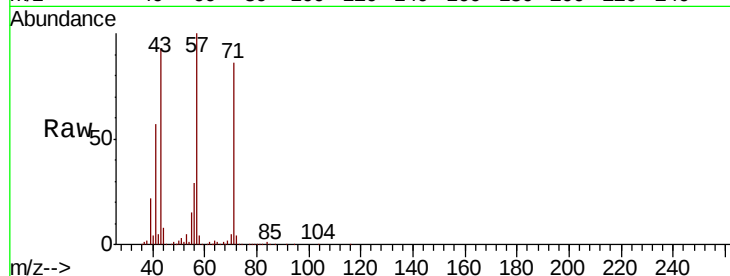
S13-0247

Tot Ion: 56 Resp: 24537

Ion Ratio Lower Upper

56 100

55 51.3 54.7 82.1#



#14

Allyl chloride

Concen: 11.236 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

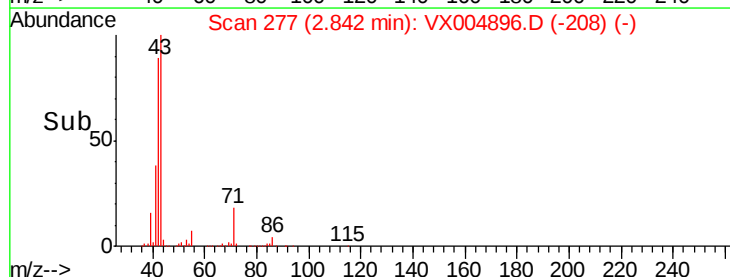
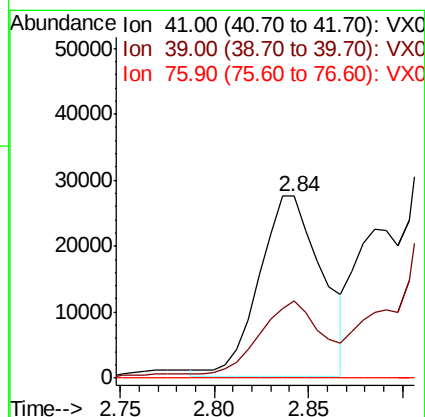
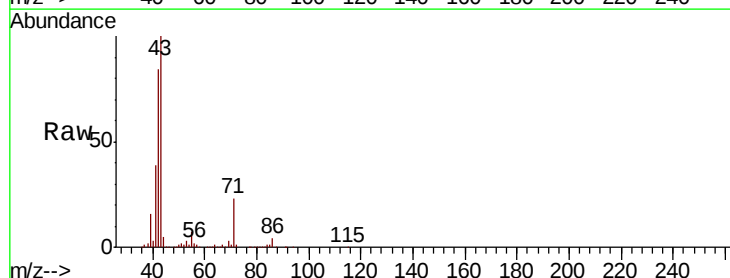
Tgt Ion: 41 Resp: 63338

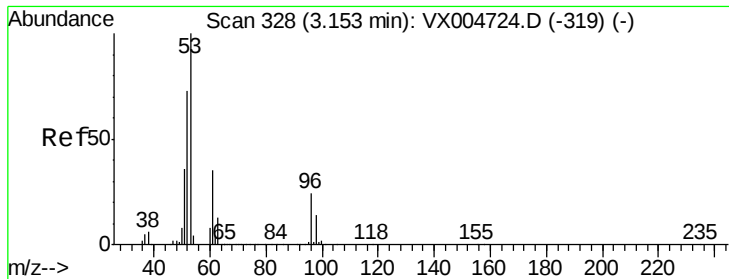
Ion Ratio Lower Upper

41 100

39 39.4 48.9 73.3#

76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 5.977 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

S13-0247

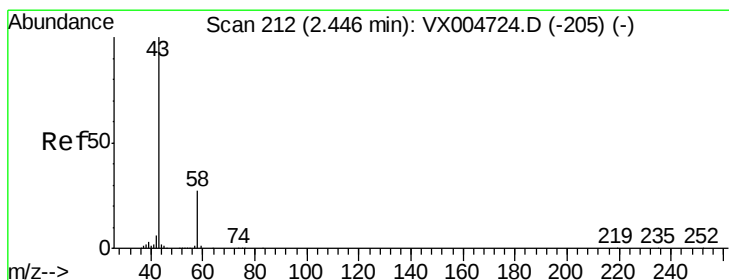
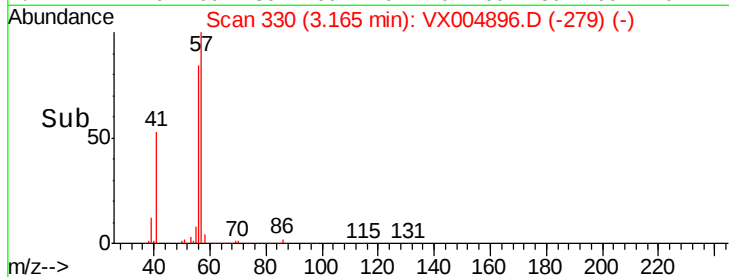
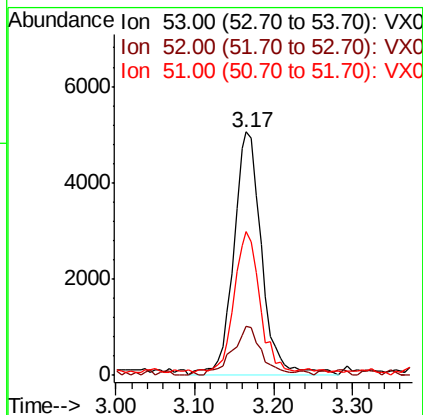
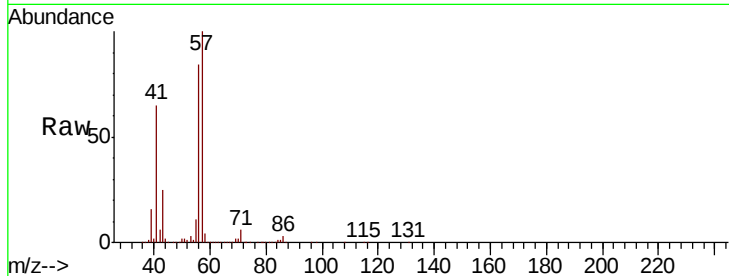
Tot Ion: 53 Resp: 12530

Ion Ratio Lower Upper

53 100

52 20.6 65.2 97.8#

51 51.3 28.2 42.2#



#16

Acetone

Concen: 4.365 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004896.D

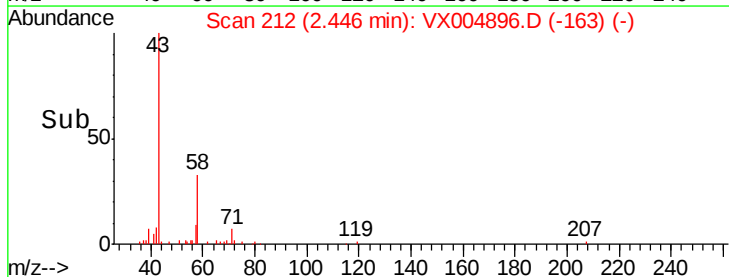
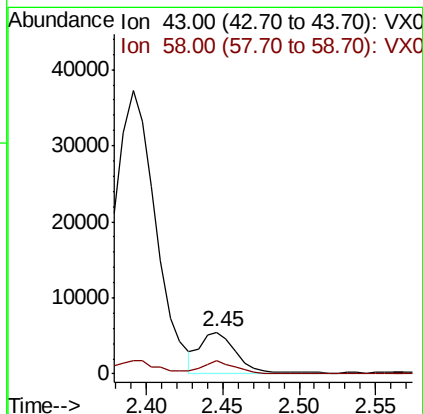
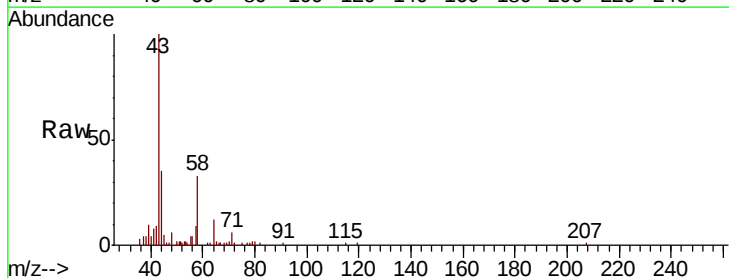
Acq: 02 Oct 2018 03:31

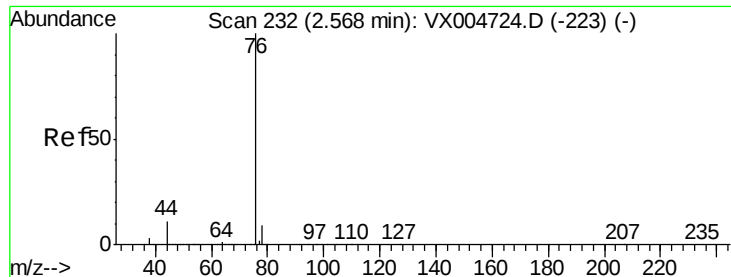
Tgt Ion: 43 Resp: 8680

Ion Ratio Lower Upper

43 100

58 33.5 26.2 39.4

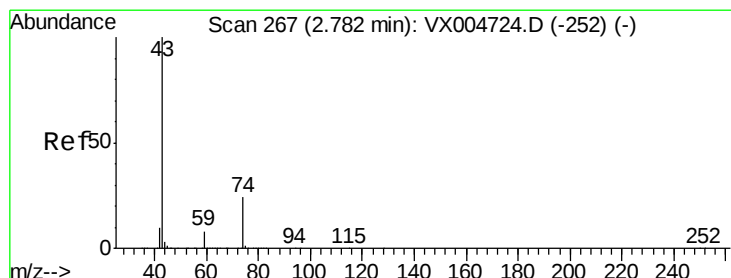
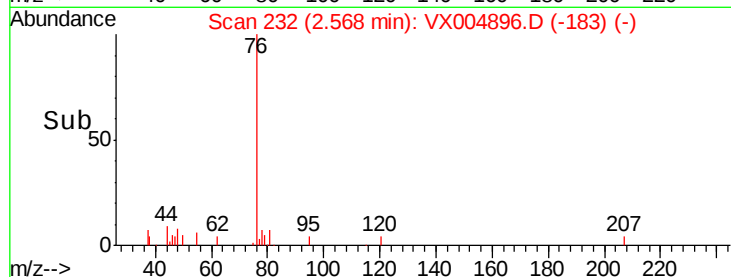
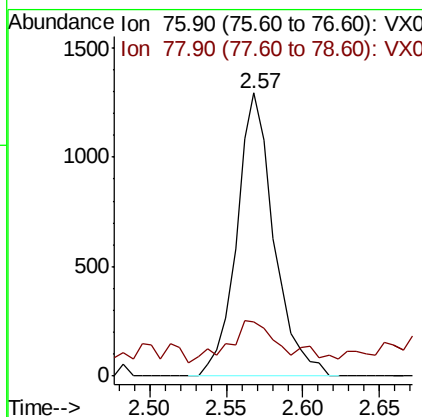
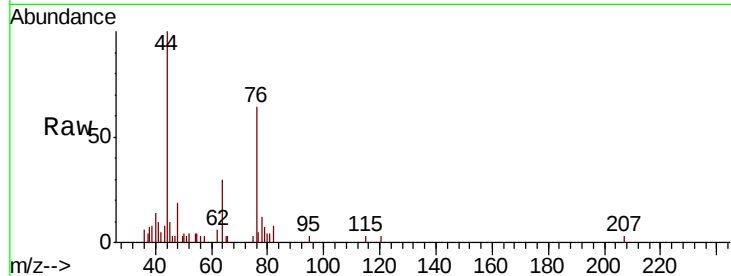




#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

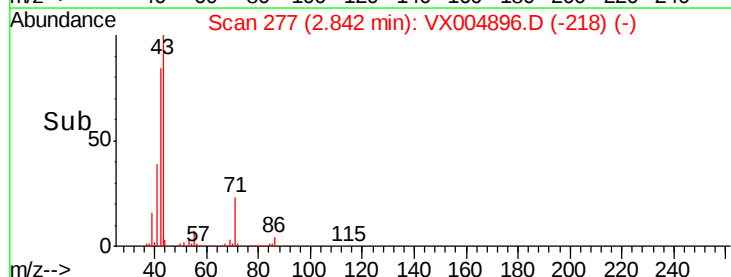
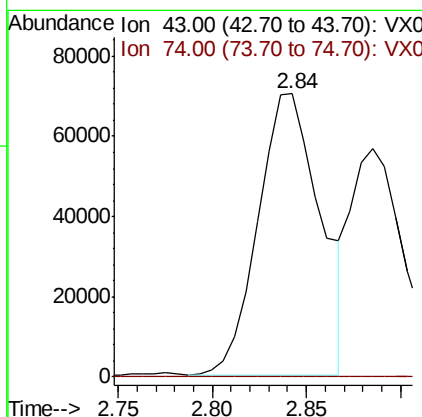
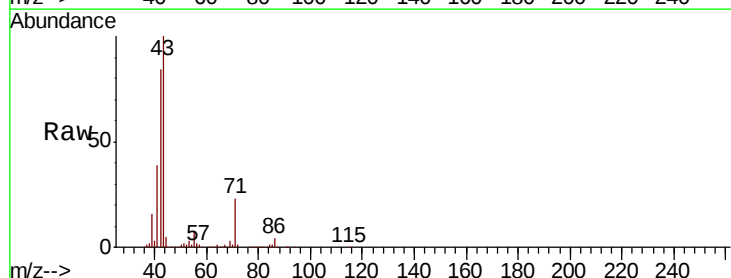
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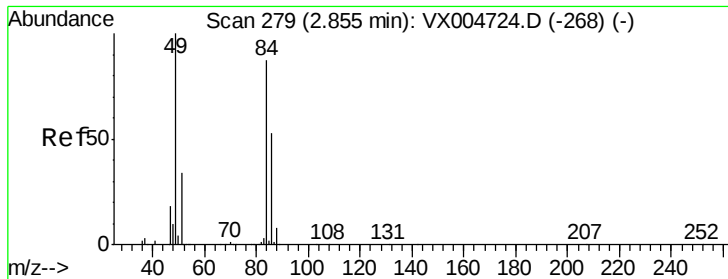
Tot Ion: 76 Resp: 2176
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.6#



#18
Methyl Acetate
Concen: 31.847 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 43 Resp: 160445
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

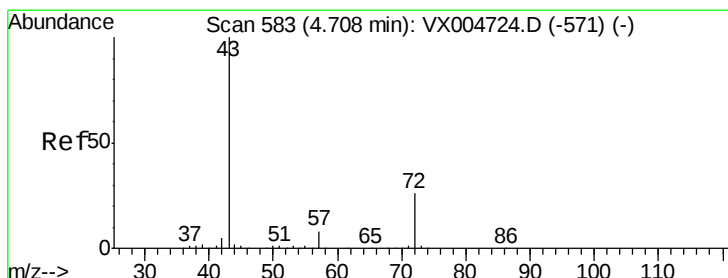
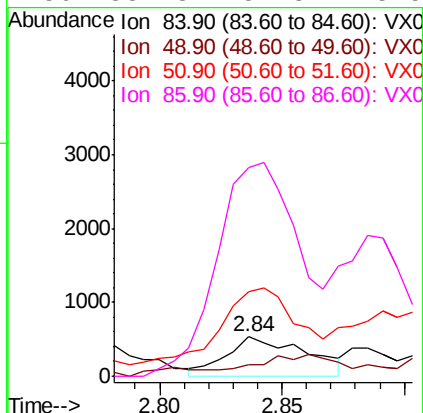
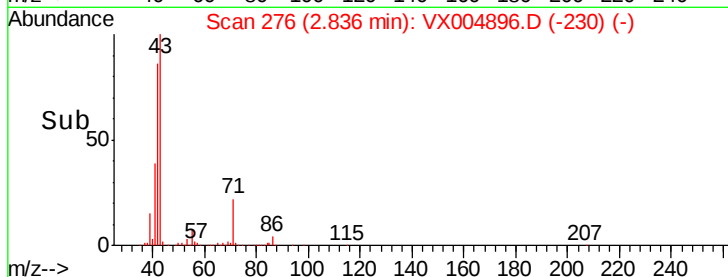
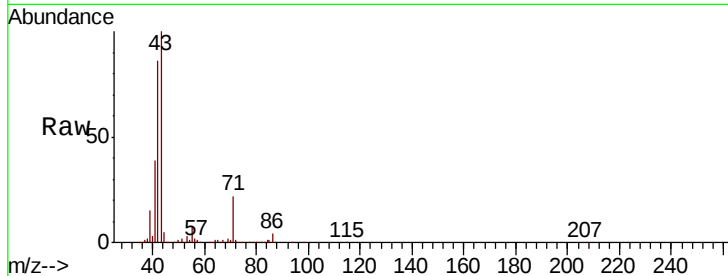




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

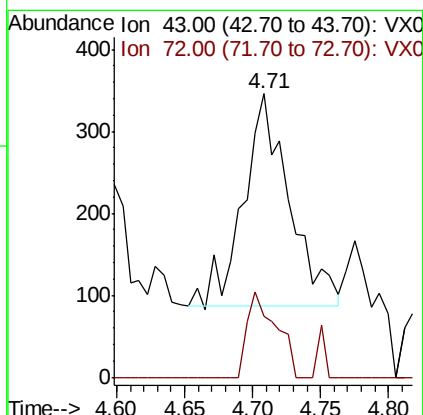
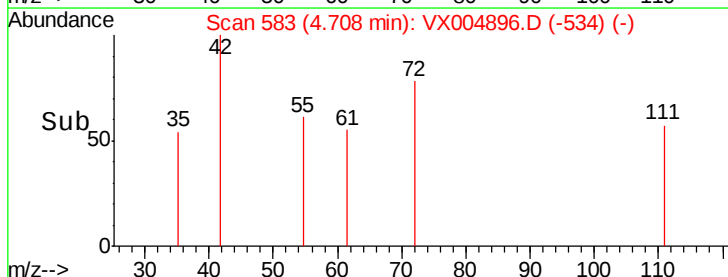
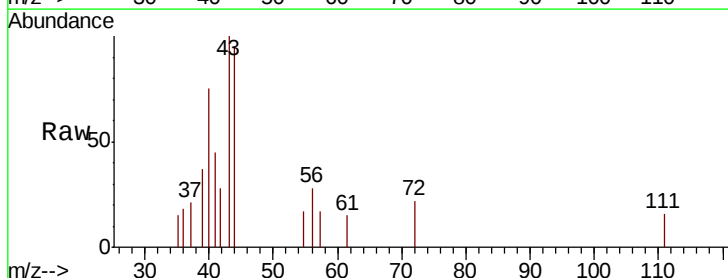
Instrument :
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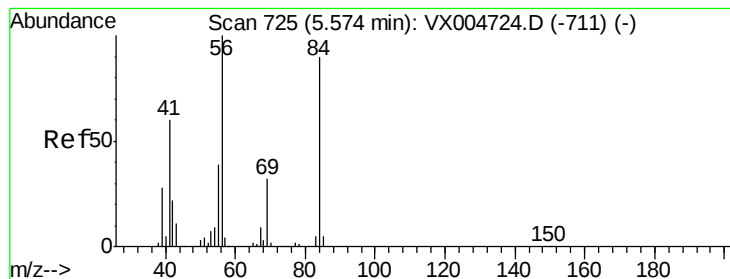
Tot Ion: 84 Resp: 1219
Ion Ratio Lower Upper
84 100
49 15.5 101.2 151.8#
51 194.5 29.5 44.3#
86 582.8 52.3 78.5#



#25
2-Butanone
Concen: 0.209 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
72 29.0 22.0 33.0





#31

Cyclohexane

Concen: 100.980 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

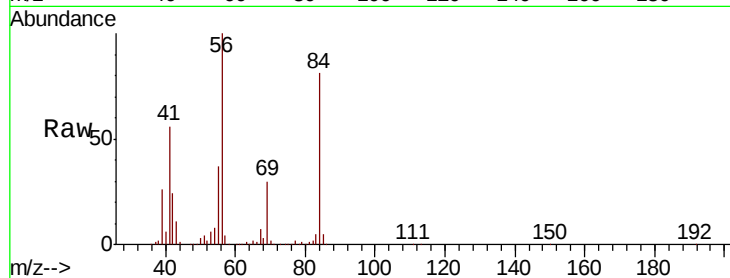
MSVOA_X

ClientSampleId :

S13-0247

Tot Ion: 56 Resp: 437610

Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.4	38.2
84	81.3	71.4	107.2

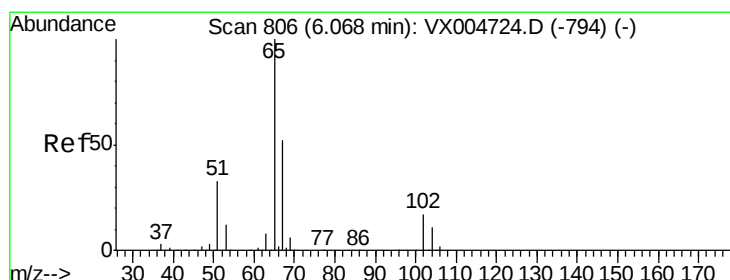
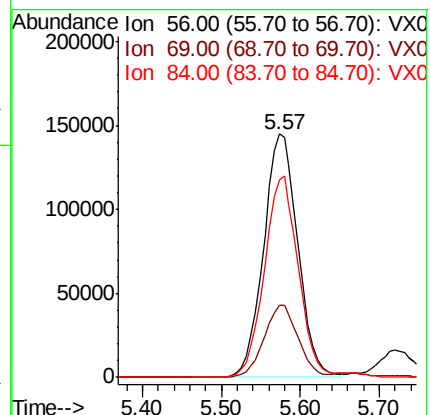
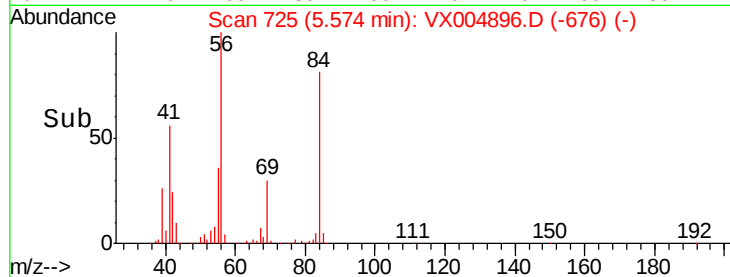


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.723 ug/l

RT: 6.07 min Scan# 806

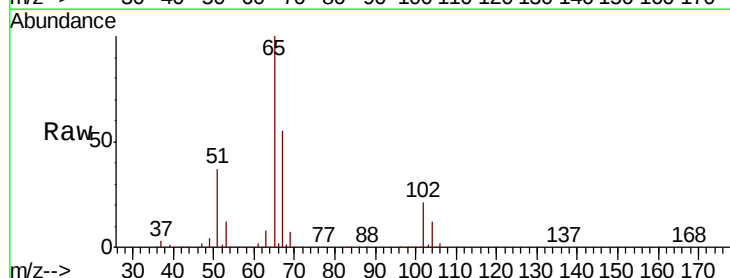
Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Tgt Ion: 65 Resp: 172761

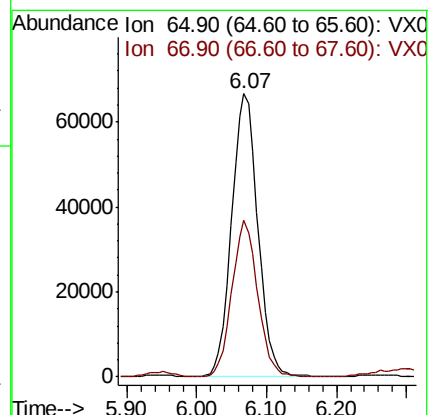
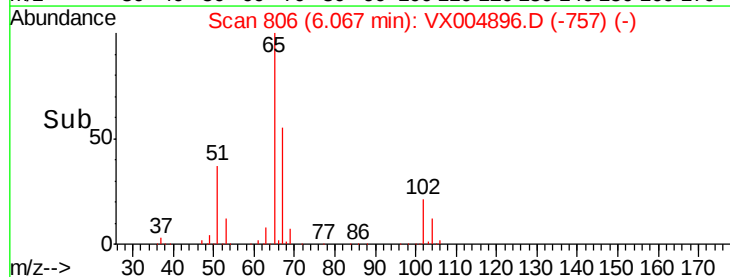
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.8

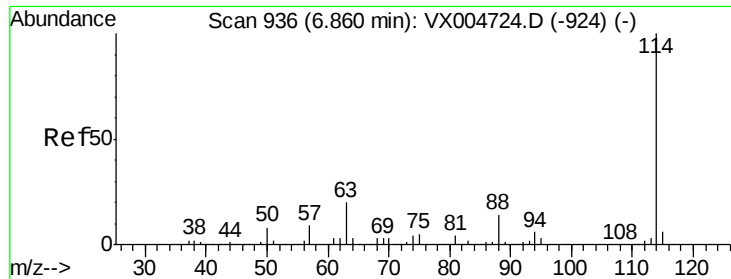


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

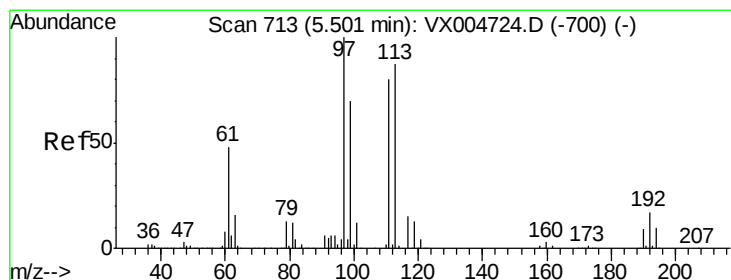
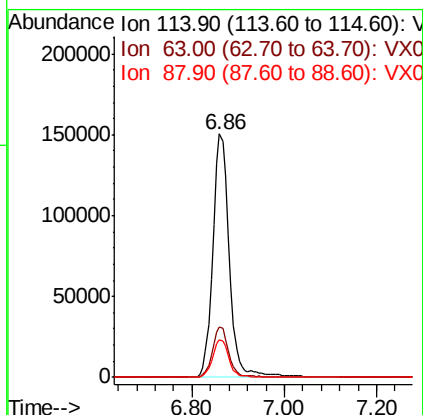
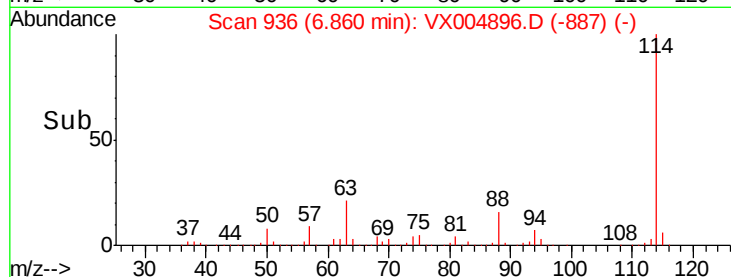
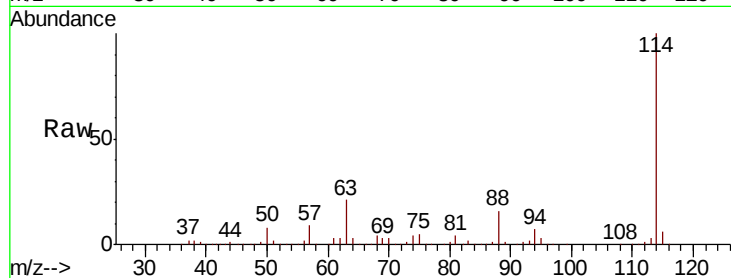




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

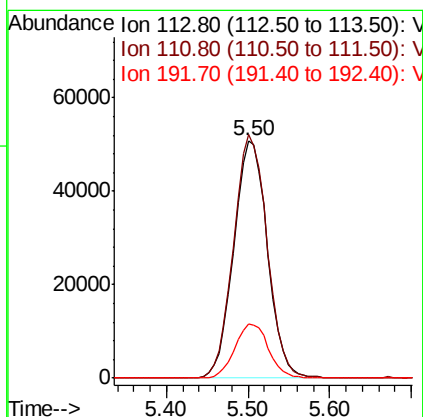
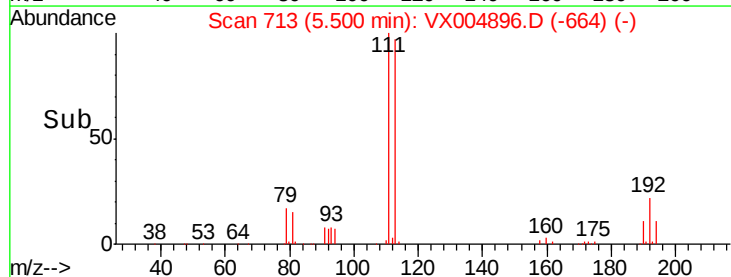
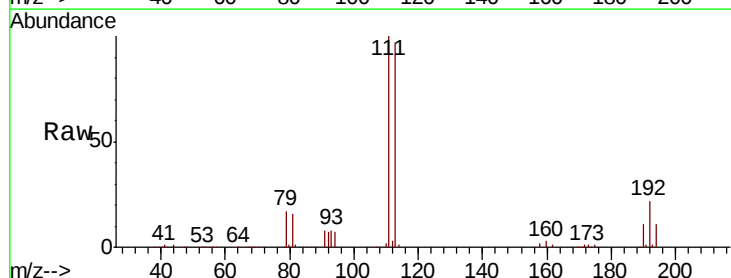
Instrument :
MSVOA_X
ClientSampleId :
S13-0247

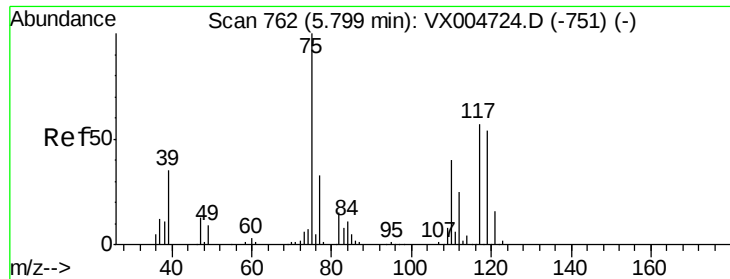
Tot Ion:114 Resp: 374987
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.0
88 15.6 0.0 30.4



#35
Dibromofluoromethane
Concen: 45.812 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion:113 Resp: 145592
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 22.9 19.4 29.2





#36

1,1-Dichloropropene

Concen: 3.575 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

S13-0247

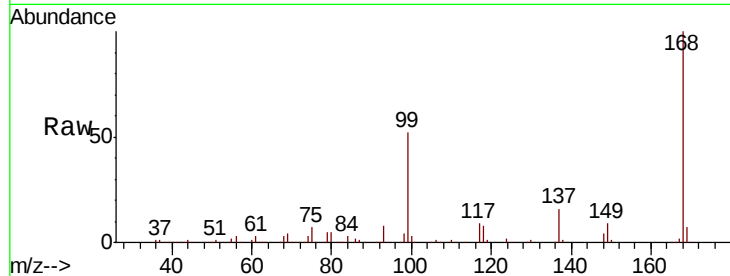
Tot Ion: 75 Resp: 15502

Ion Ratio Lower Upper

75 100

110 9.1 18.0 54.0#

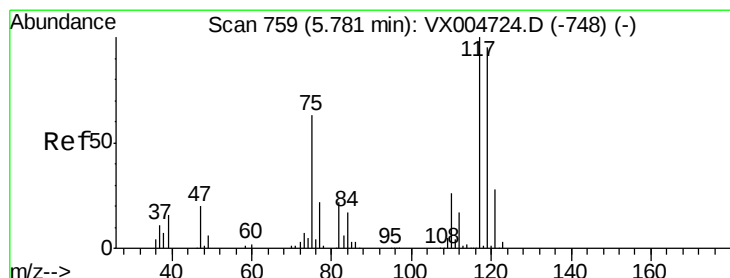
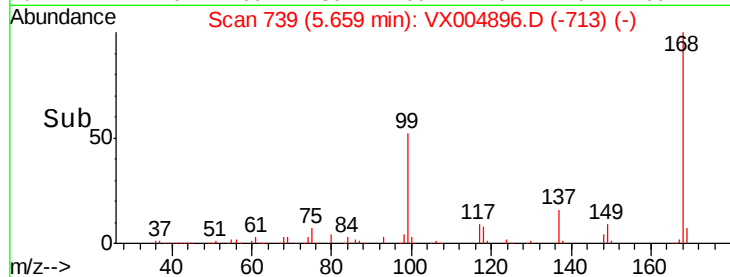
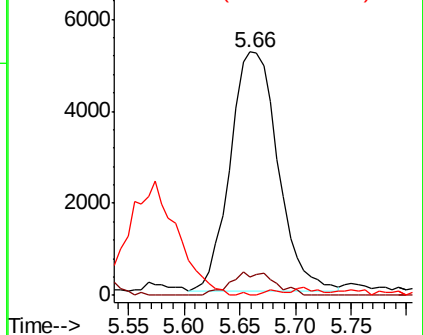
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 4.620 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

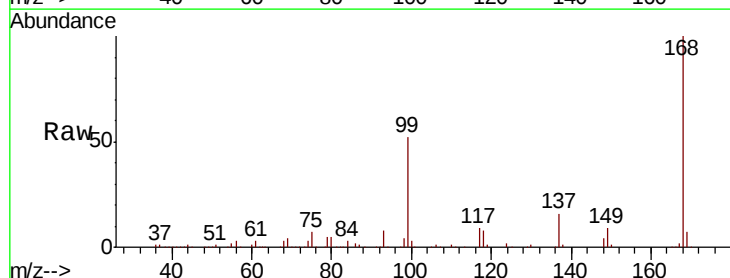
Tgt Ion: 117 Resp: 21056

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

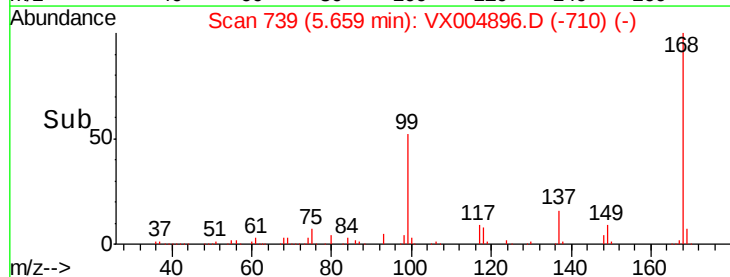
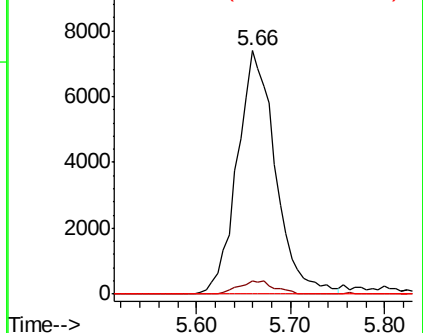
121 0.0 24.9 37.3#

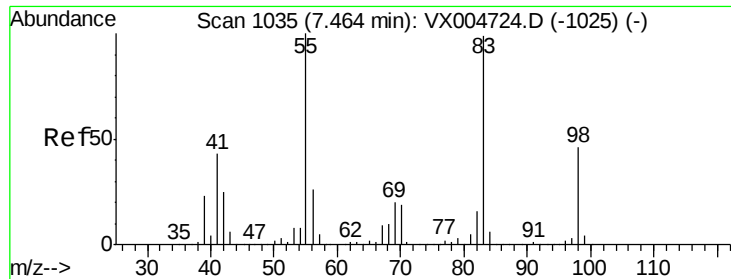


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

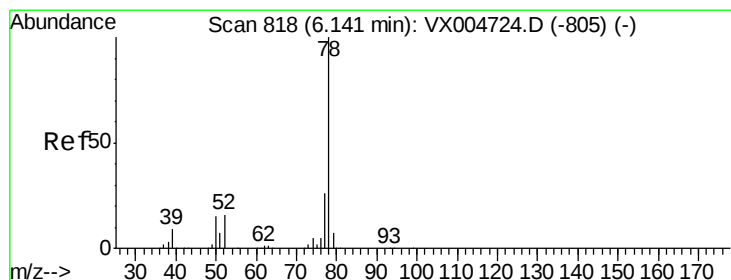
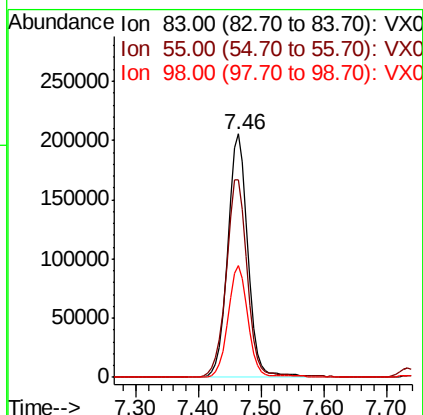
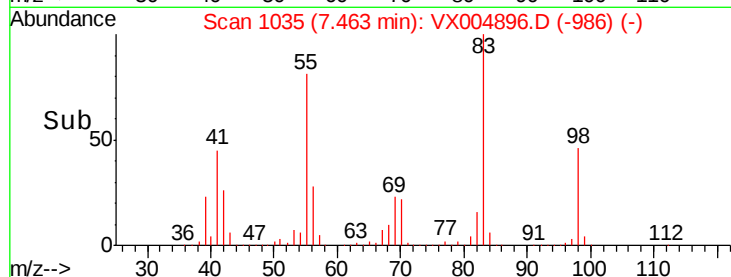
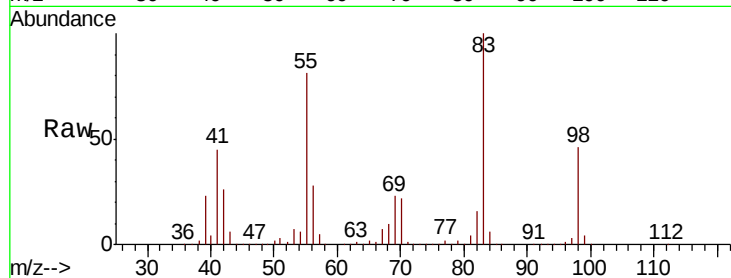




#39
Methvlcvclohexane
Concen: 103.281 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

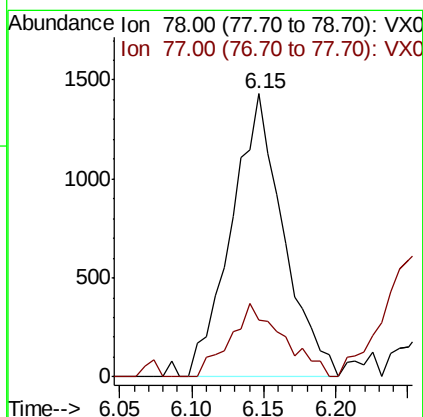
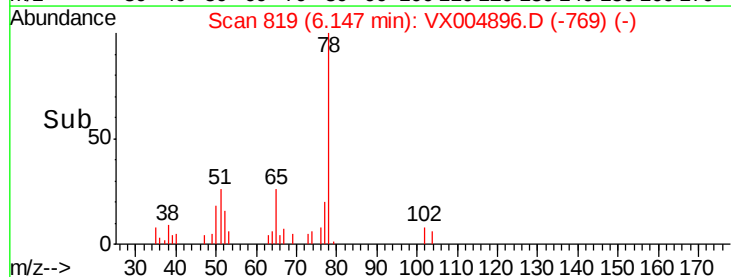
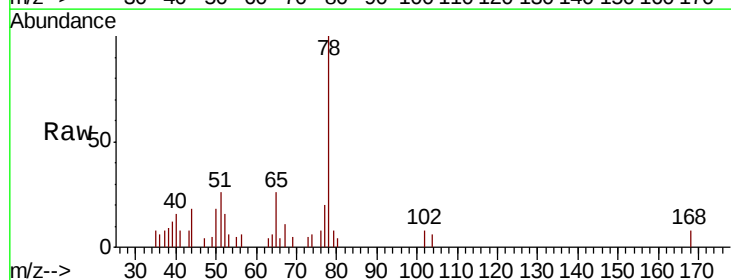
Instrument :
MSVOA_X
ClientSampled :
S13-0247

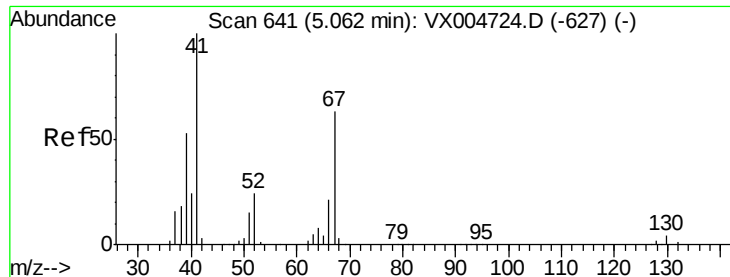
Tot Ion: 83 Resp: 457288
Ion Ratio Lower Upper
83 100
55 81.3 61.0 91.4
98 45.9 39.6 59.4



#40
Benzene
Concen: 0.264 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 78 Resp: 3584
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.4





#41

Methacrylonitrile

Concen: 2.746 ug/l

RT: 5.23 min Scan# 669

Delta R.T. 0.17 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

S13-0247

Tot Ion: 41 Resp: 8765

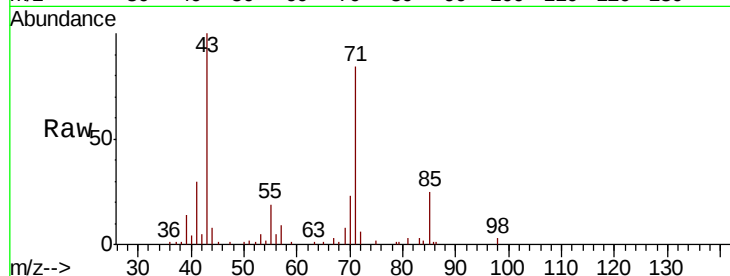
Ion Ratio Lower Upper

41 100

39 47.6 42.4 63.6

67 7.8 59.2 88.8#

52 2.4 23.0 34.4#

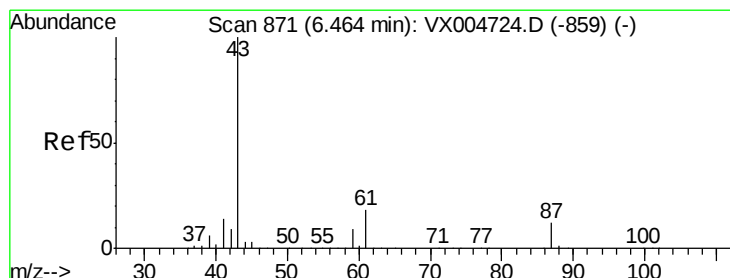
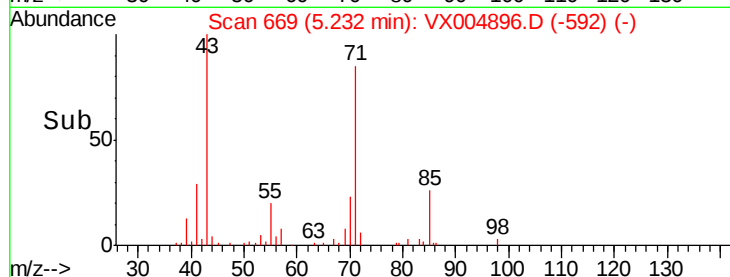
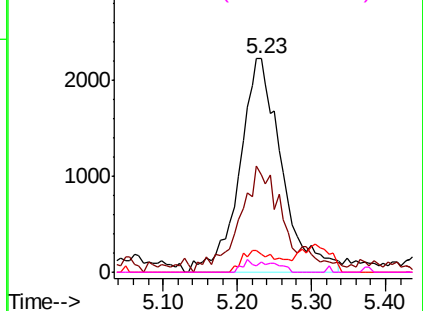


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 0.826 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

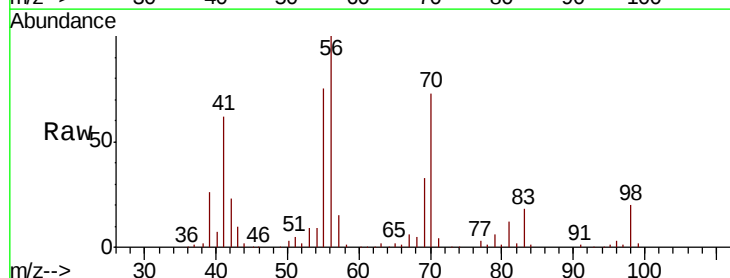
Tgt Ion: 43 Resp: 6859

Ion Ratio Lower Upper

43 100

61 3.5 17.0 25.4#

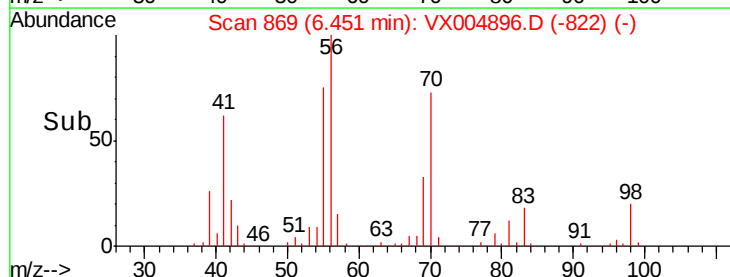
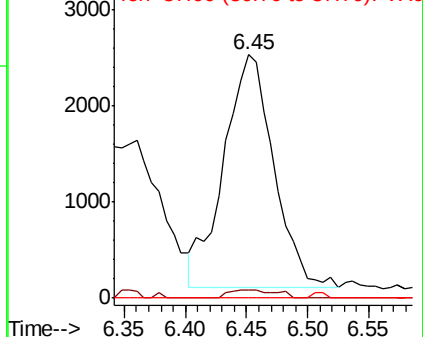
87 0.0 11.4 17.2#

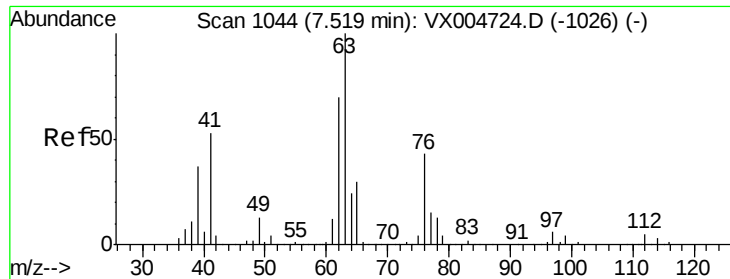


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 1.460 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.06 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

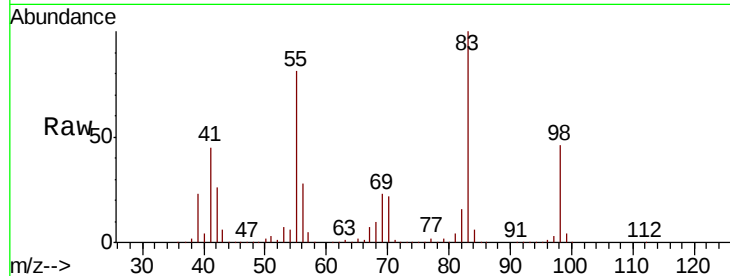
S13-0247

Tot Ion: 63 Resp: 4861

Ion Ratio Lower Upper

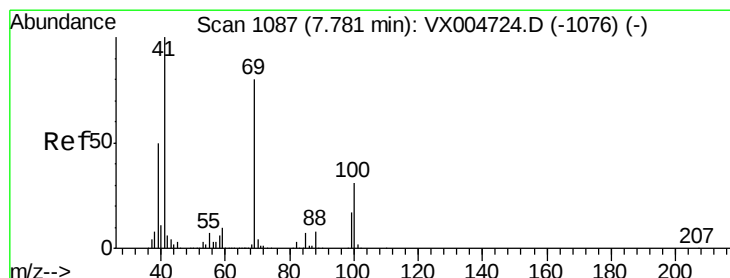
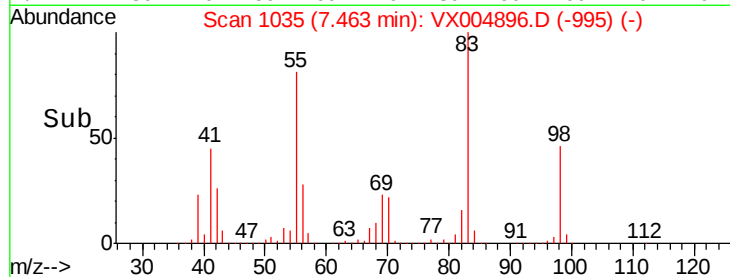
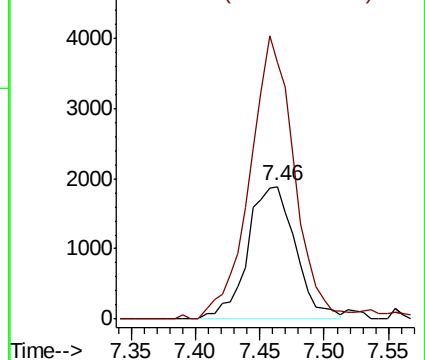
63 100

65 193.9 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 5.068 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.05 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

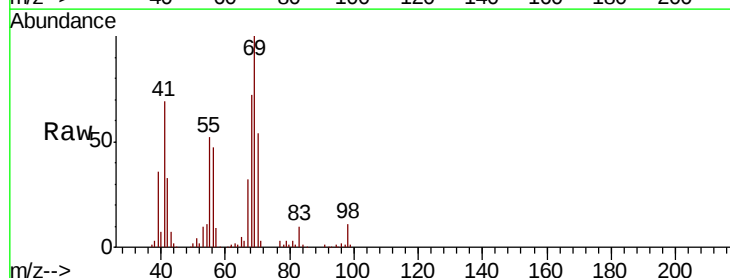
Tgt Ion: 41 Resp: 19108

Ion Ratio Lower Upper

41 100

69 145.9 70.2 105.4#

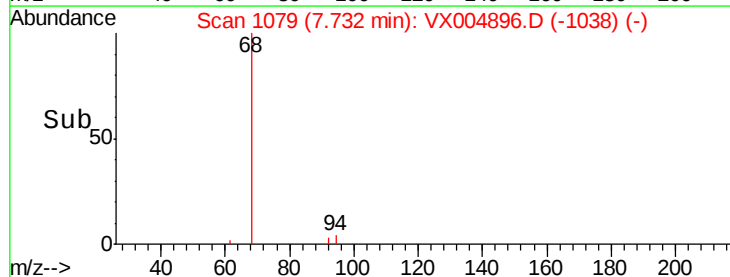
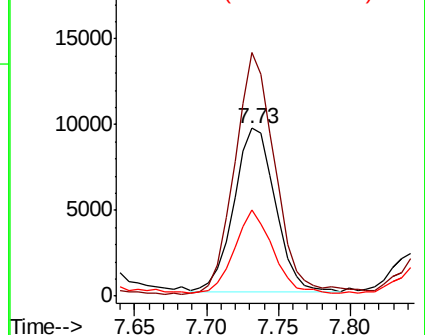
39 46.8 42.7 64.1

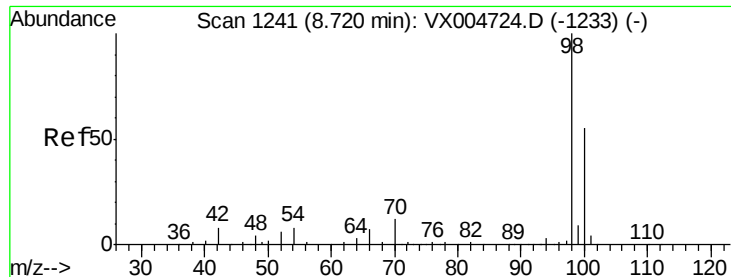


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

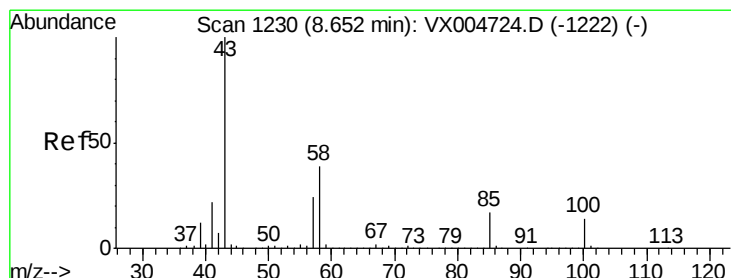
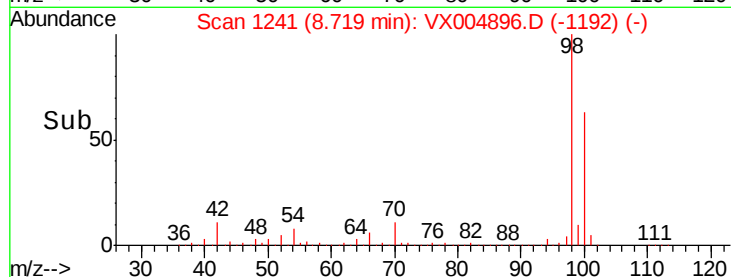
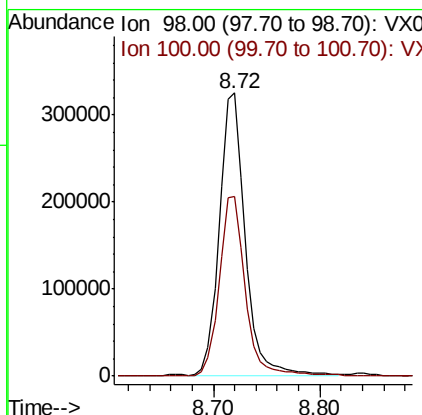
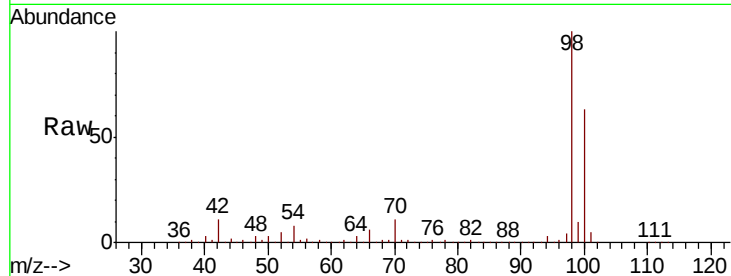




#50
Toluene-d8
Concen: 51.564 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

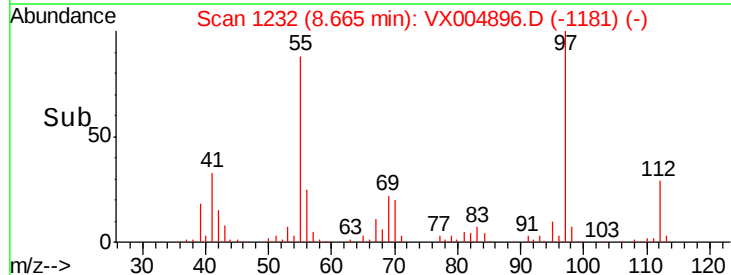
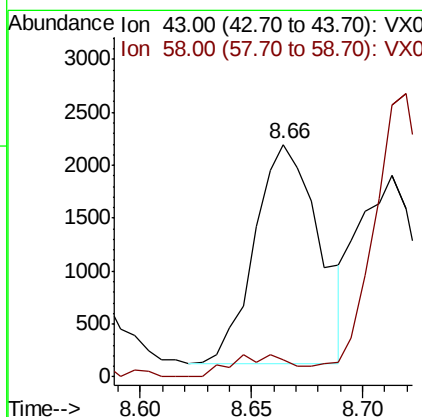
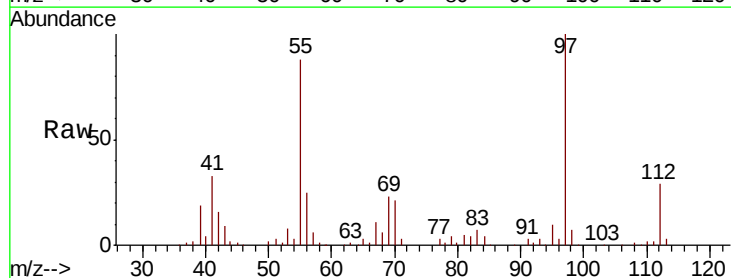
Instrument :
MSVOA_X
ClientSampleId :
S13-0247

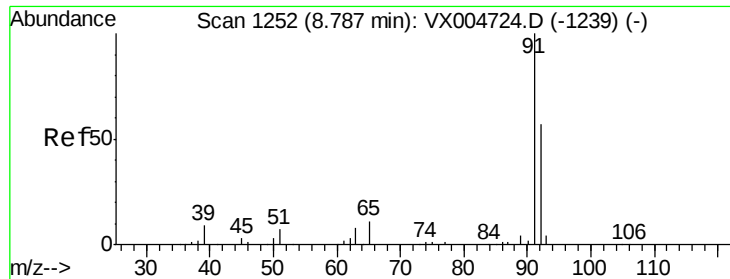
Tot Ion: 98 Resp: 544799
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.800 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 9.9 33.1 49.7#





#52

Toluene

Concen: 0.369 ug/l

RT: 8.79 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

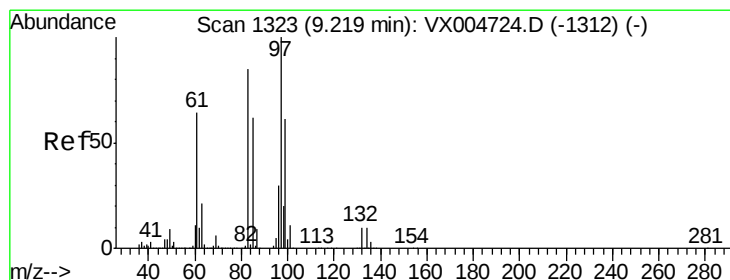
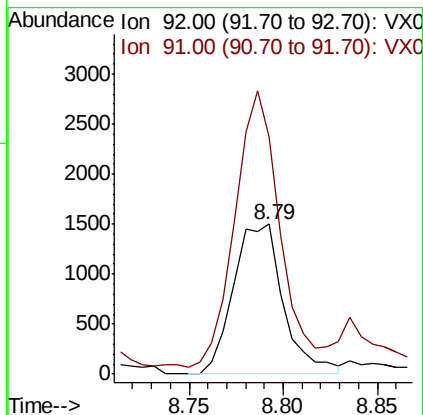
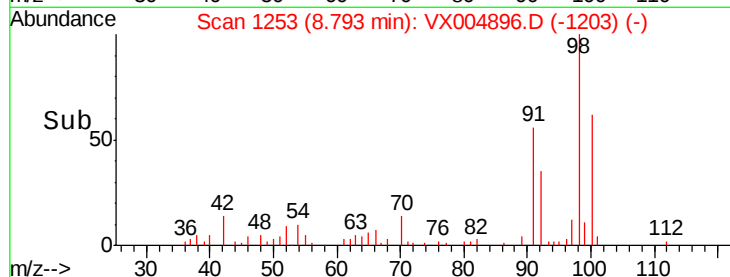
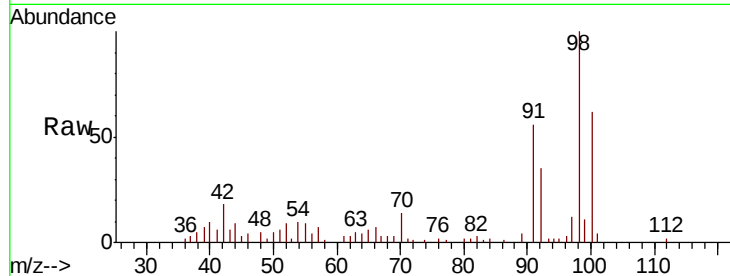
S13-0247

Tot Ion: 92 Resp: 2753

Ion Ratio Lower Upper

92 100

91 163.9 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 8.111 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.06 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Tgt Ion: 97 Resp: 26500

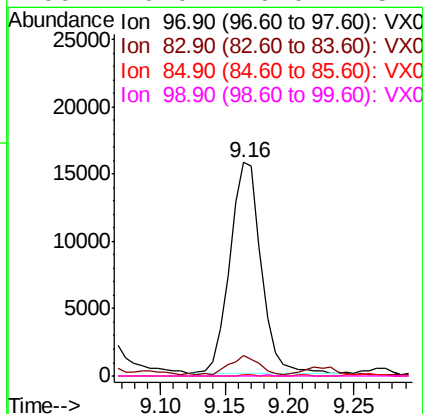
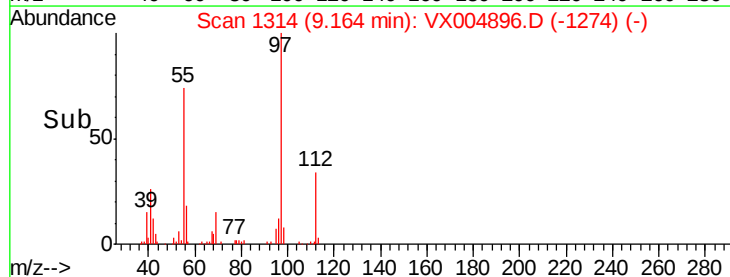
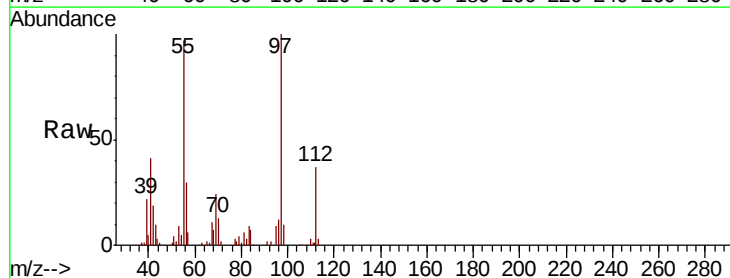
Ion Ratio Lower Upper

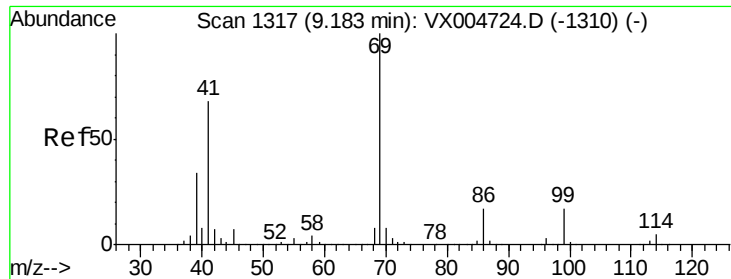
97 100

83 8.4 66.4 99.6#

85 0.5 43.3 64.9#

99 0.0 49.0 73.4#





#56

Ethyl methacrylate

Concen: 3.929 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampled :

S13-0247

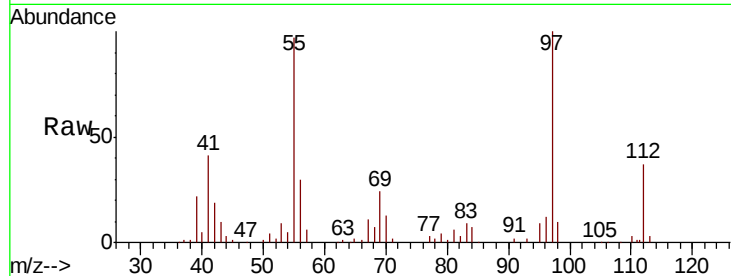
Tot Ion: 69 Resp: 6001

Ion Ratio Lower Upper

69 100

41 166.0 51.0 76.4#

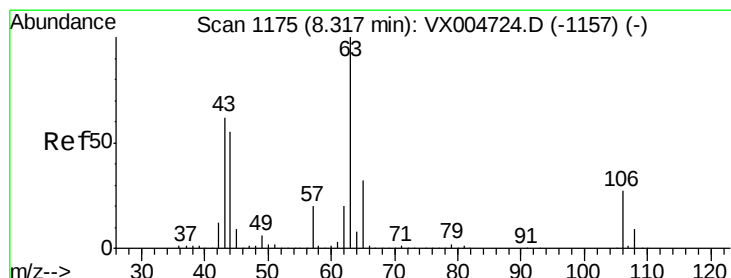
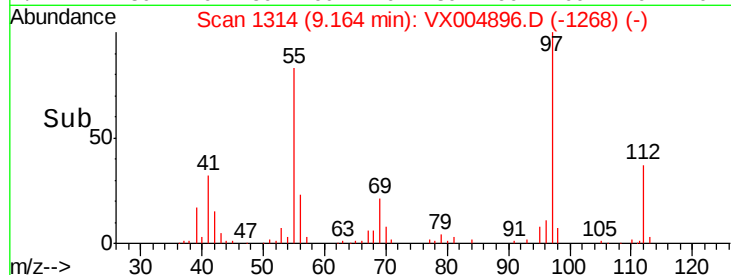
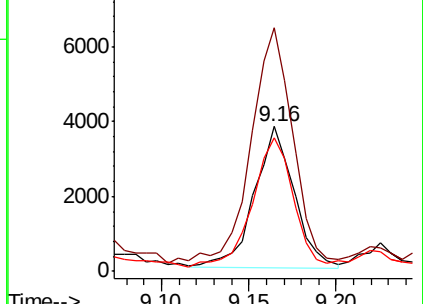
39 92.3 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.310 ug/l

RT: 8.40 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VX004896.D

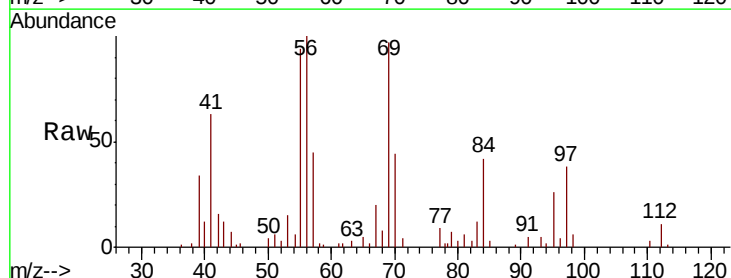
Acq: 02 Oct 2018 03:31

Tgt Ion: 63 Resp: 204

Ion Ratio Lower Upper

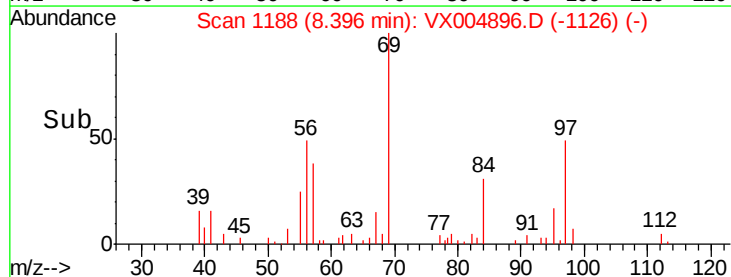
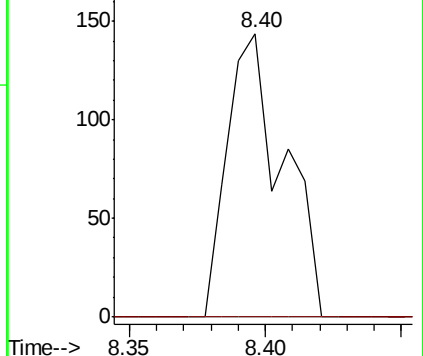
63 100

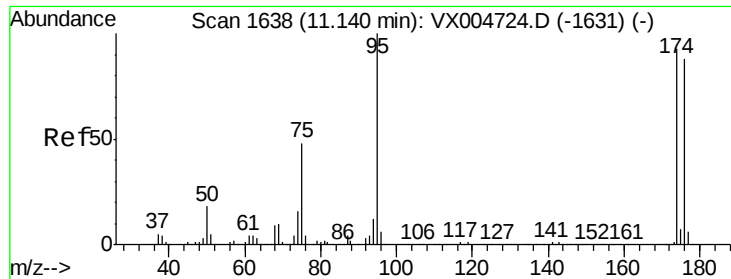
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 54.797 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

S13-0247

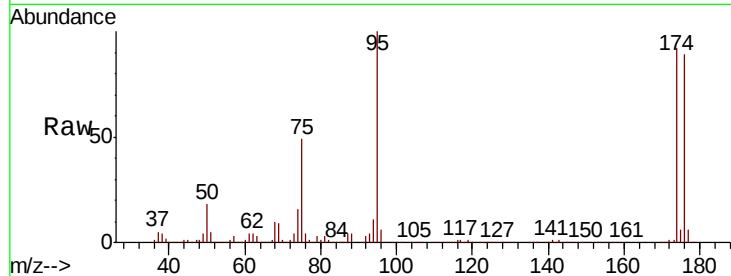
Tot Ion: 95 Resp: 208570

Ion Ratio Lower Upper

95 100

174 89.7 0.0 185.2

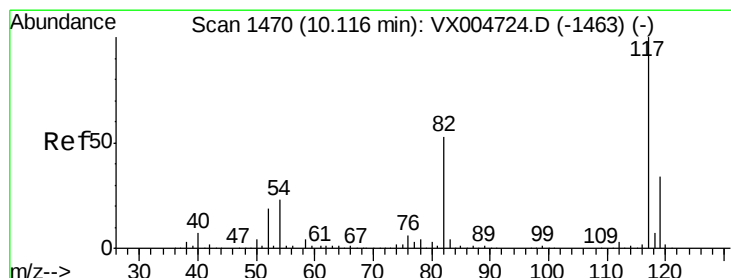
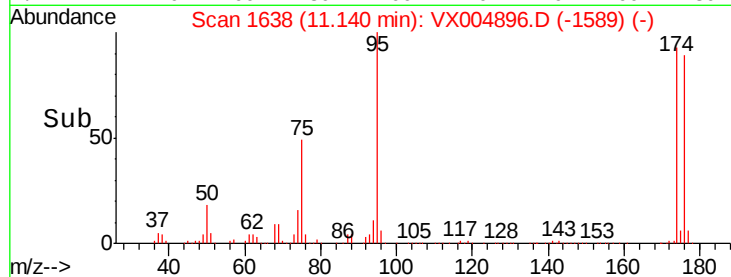
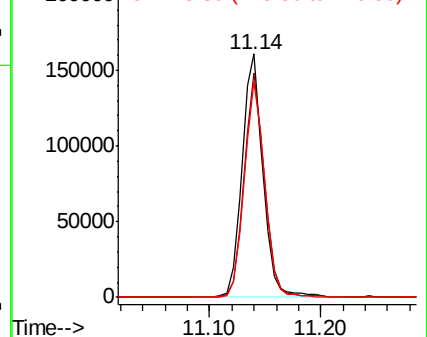
176 86.9 0.0 178.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

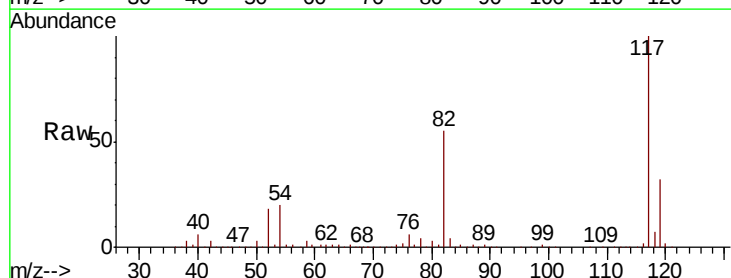
Tgt Ion: 117 Resp: 368729

Ion Ratio Lower Upper

117 100

82 54.5 47.8 71.6

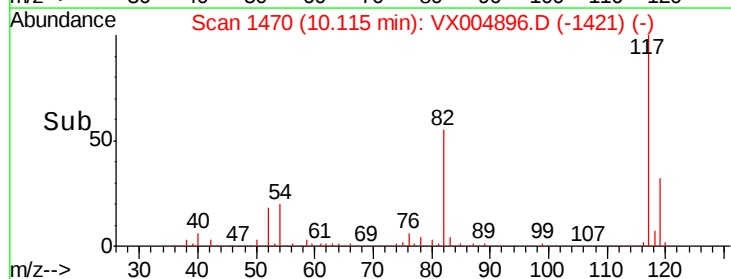
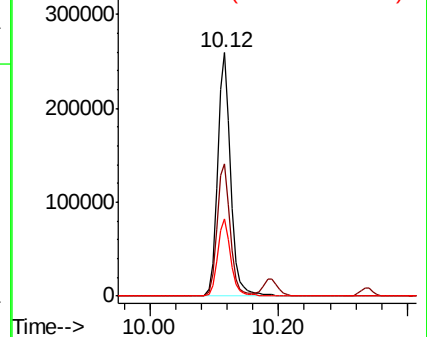
119 31.7 29.3 43.9

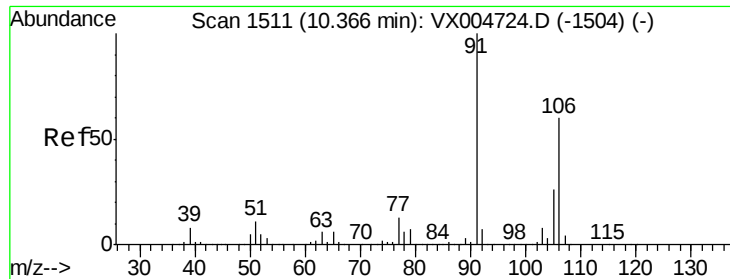


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

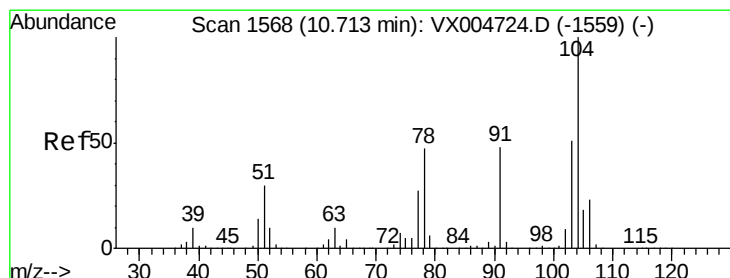
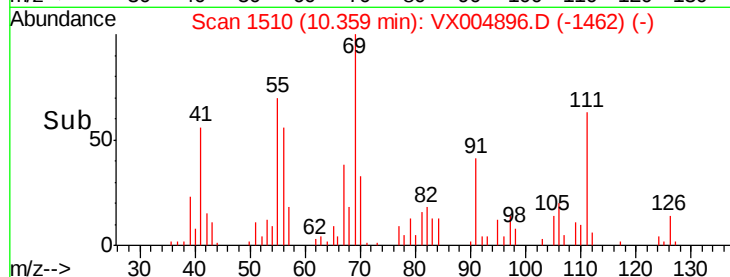
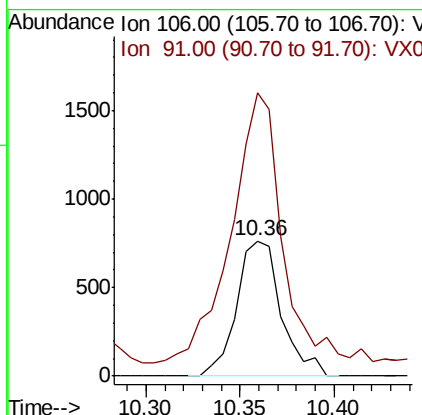
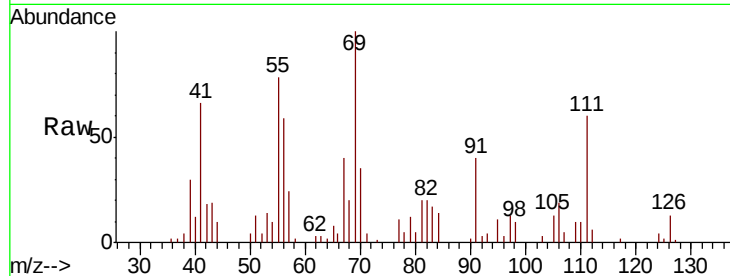




#68
m/p-Xvlenes
Concen: 0.213 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

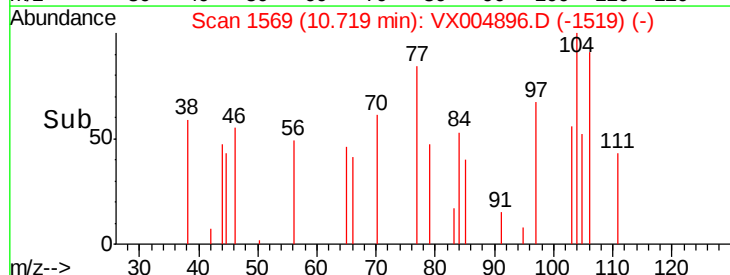
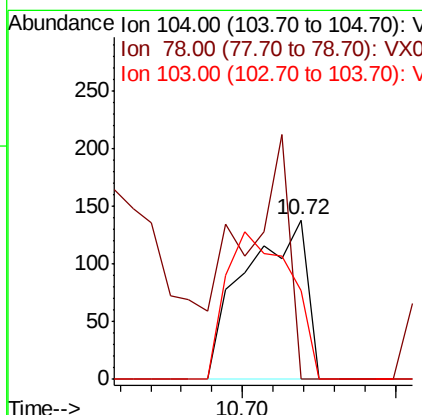
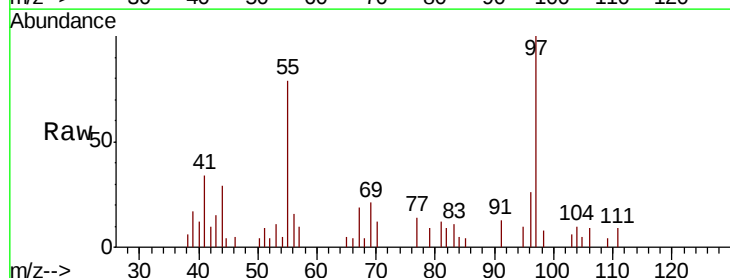
Instrument :
MSVOA_X
ClientSampleId :
S13-0247

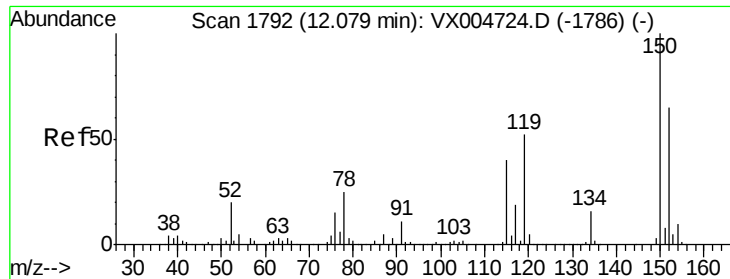
Tot Ion:106 Resp: 1249
Ion Ratio Lower Upper
106 100
91 226.3 157.1 235.7



#70
Styrene
Concen: 2.159 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion:104 Resp: 193
Ion Ratio Lower Upper
104 100
78 109.8 37.4 56.0#
103 96.9 43.8 65.6#



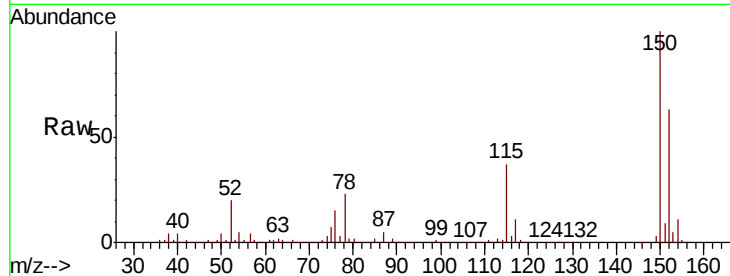


#72

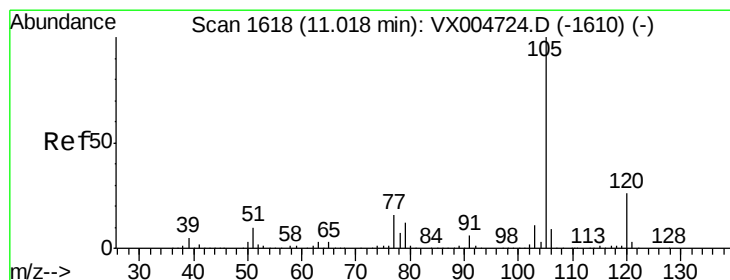
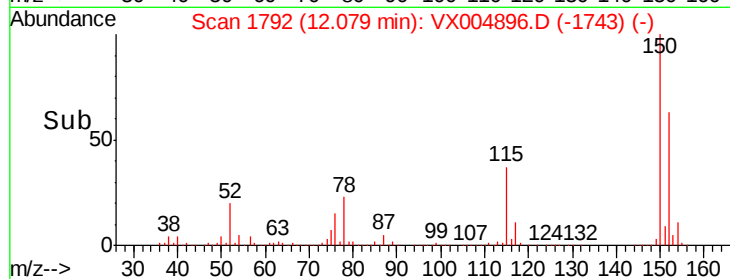
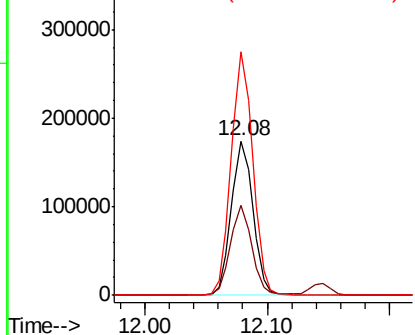
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Instrument :
MSVOA_X
ClientSampleId :
S13-0247

Tot Ion:152 Resp: 213104
Ion Ratio Lower Upper
152 100
115 57.1 39.0 117.0
150 157.3 0.0 351.0



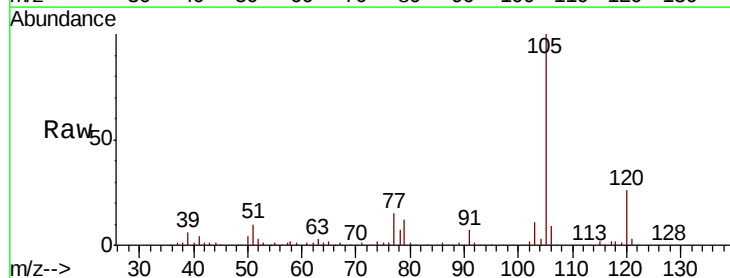
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



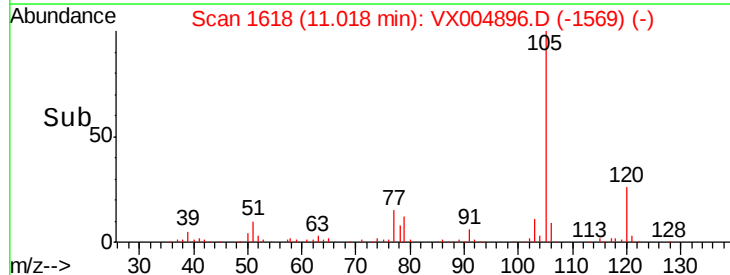
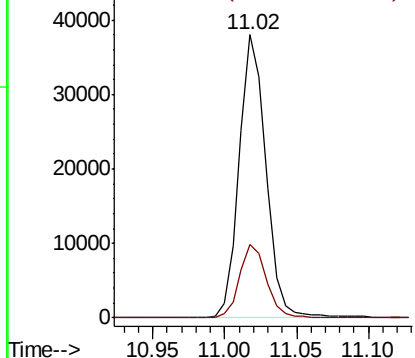
#73

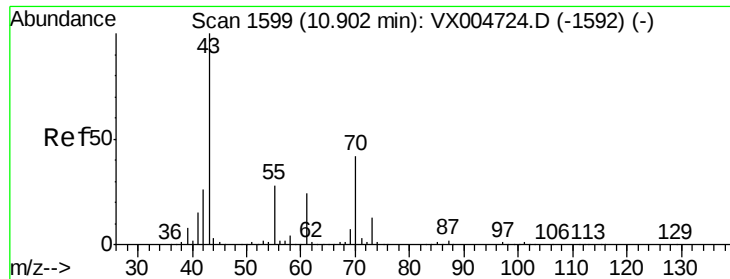
Isopropylbenzene
Concen: 3.661 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion:105 Resp: 49178
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.010 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

S13-0247

Tot Ion: 43 Resp: 2006

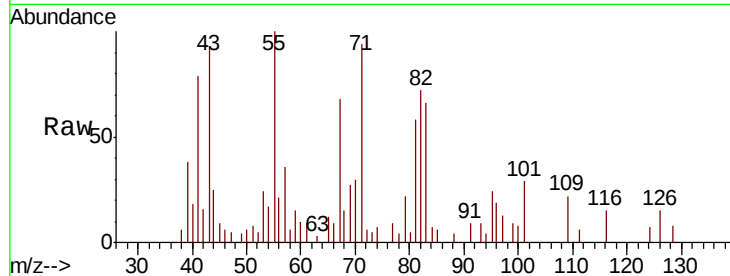
Ion Ratio Lower Upper

43 100

70 45.3 37.4 56.0

55 178.7 21.8 32.8#

61 19.0 20.6 30.8#

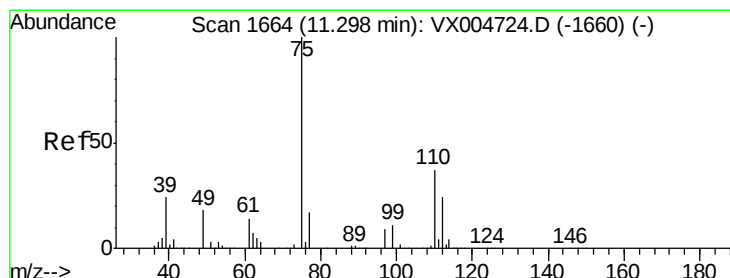
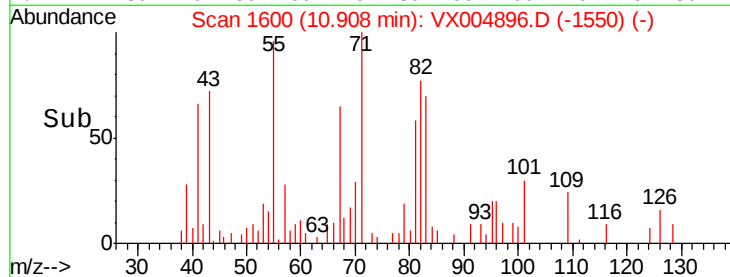
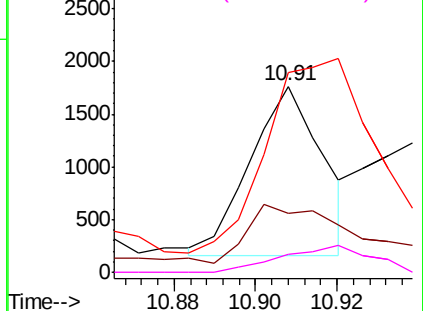


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.529 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004896.D

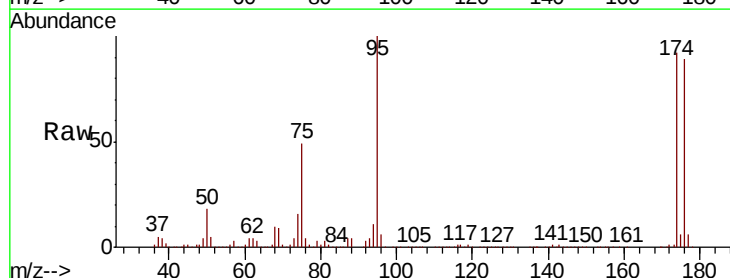
Acq: 02 Oct 2018 03:31

Tgt Ion: 75 Resp: 102832

Ion Ratio Lower Upper

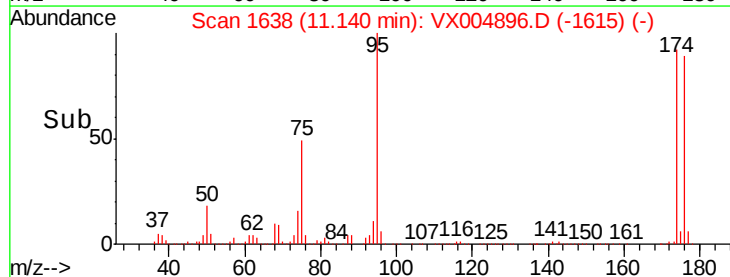
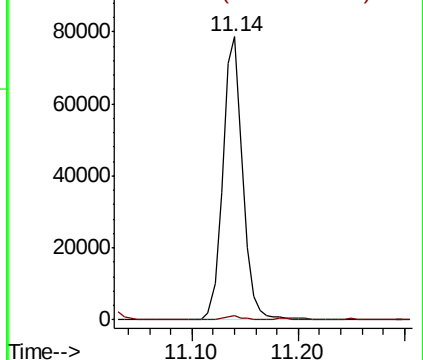
75 100

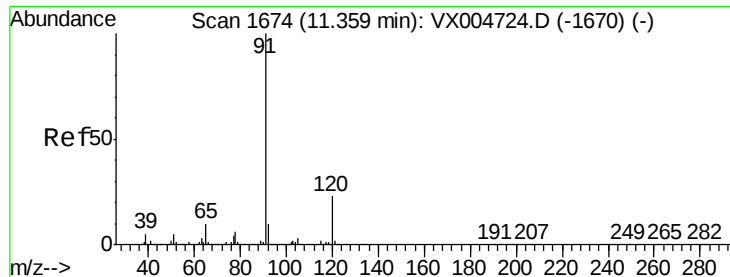
77 1.6 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.800 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

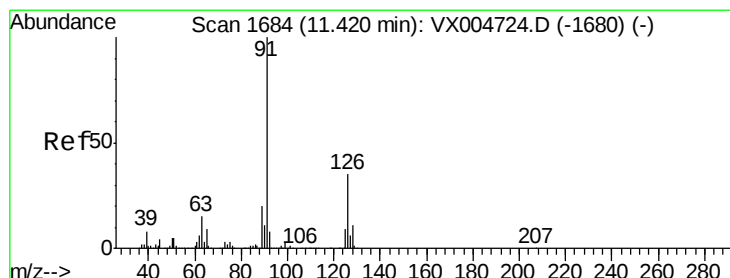
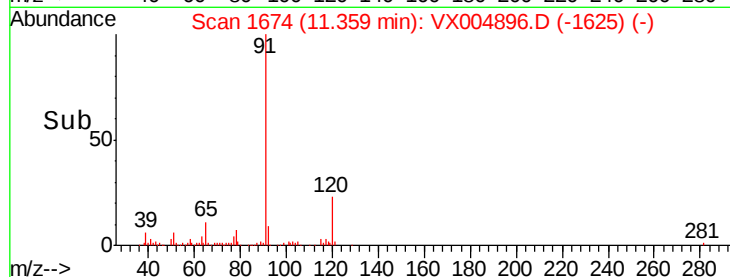
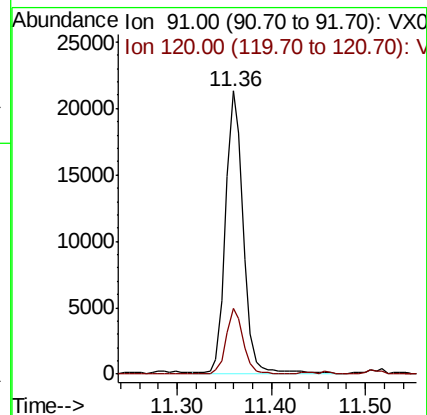
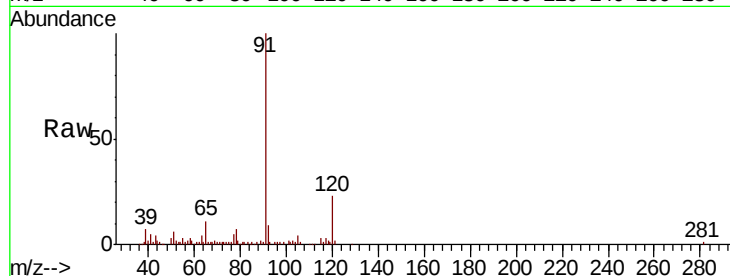
S13-0247

Tot Ion: 91 Resp: 27737

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.9



#79

2-Chlorotoluene

Concen: 2.887 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004896.D

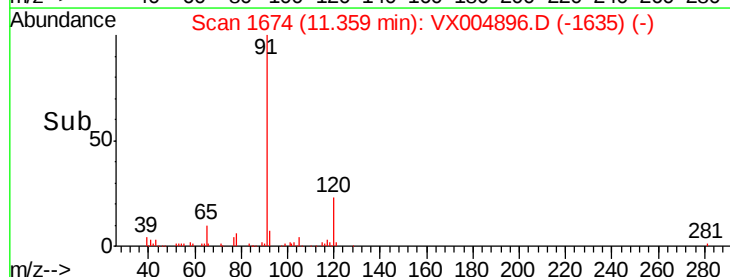
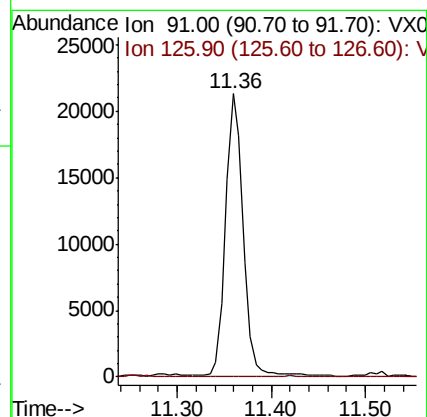
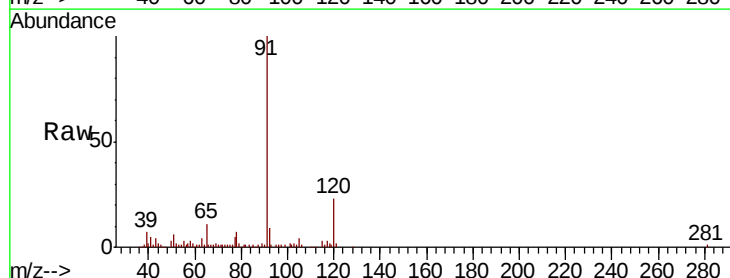
Acq: 02 Oct 2018 03:31

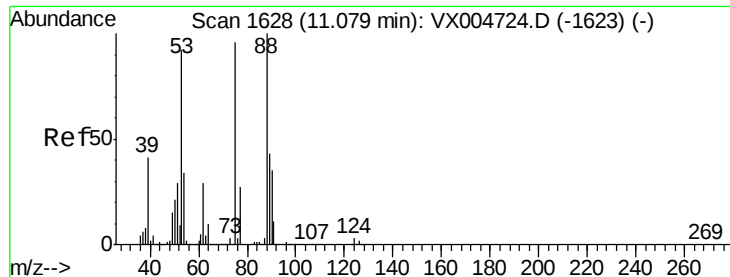
Tgt Ion: 91 Resp: 27737

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

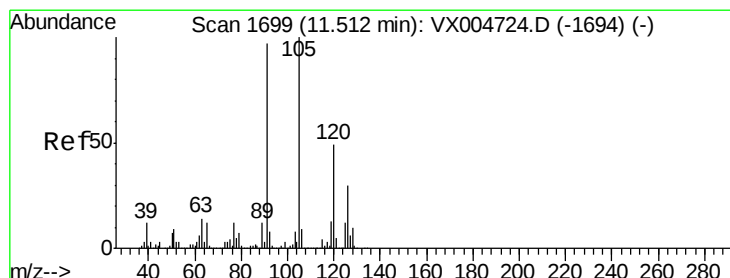
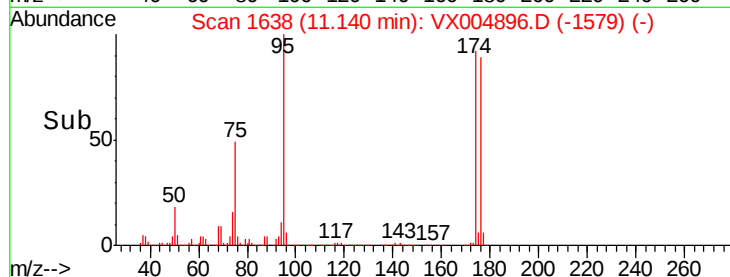
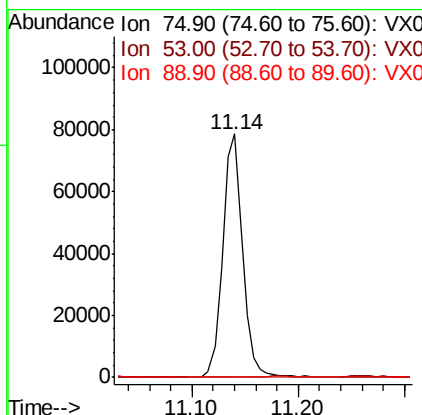
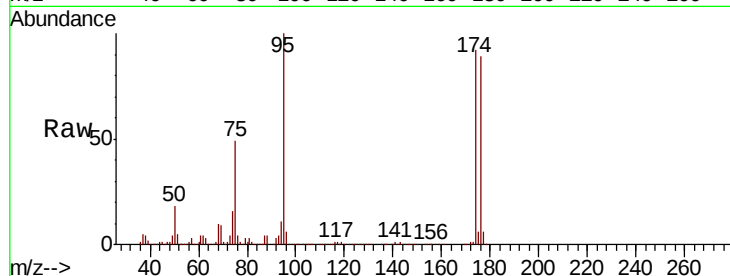




#81
trans-1,4-Dichloro-2-butene
Concen: 58.371 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

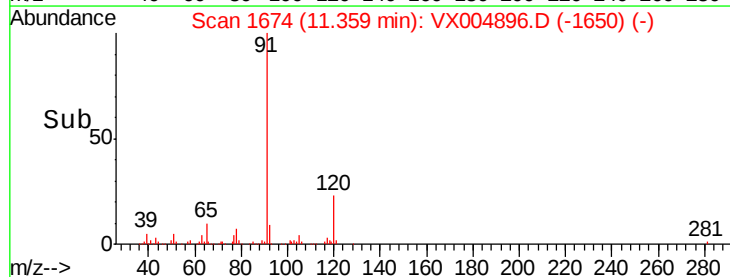
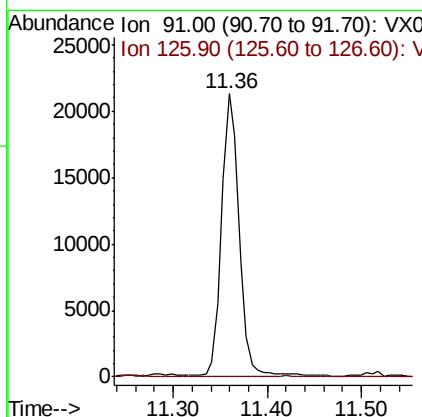
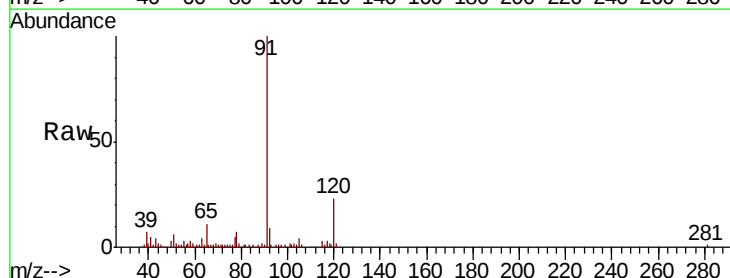
Instrument :
MSVOA_X
ClientSampled :
S13-0247

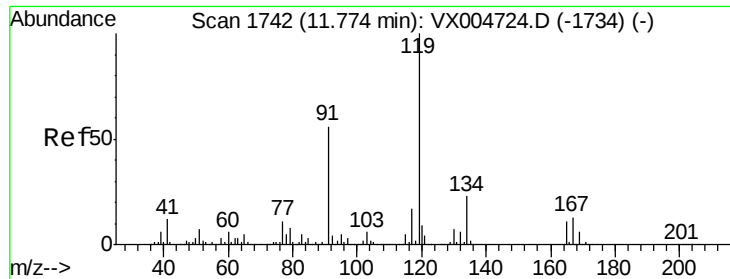
Tot Ion: 75 Resp: 102832
Ion Ratio Lower Upper
75 100
53 0.2 80.1 120.1#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 2.453 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 91 Resp: 27737
Ion Ratio Lower Upper
91 100
126 0.0 15.5 46.5#

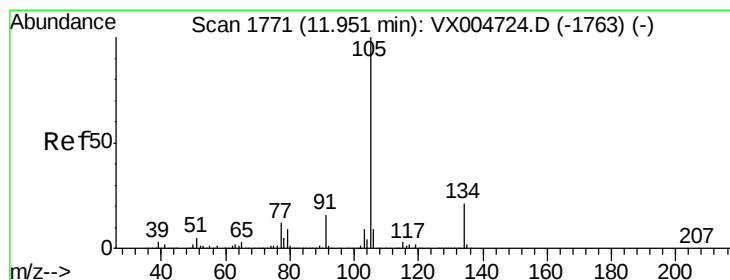
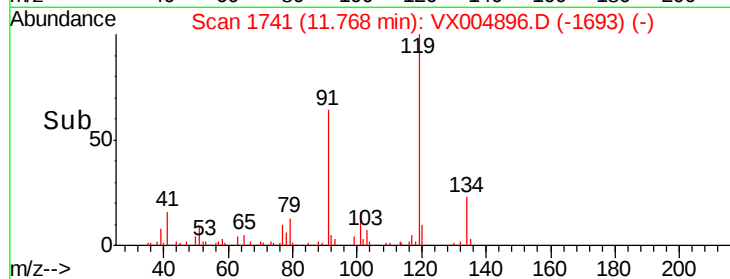
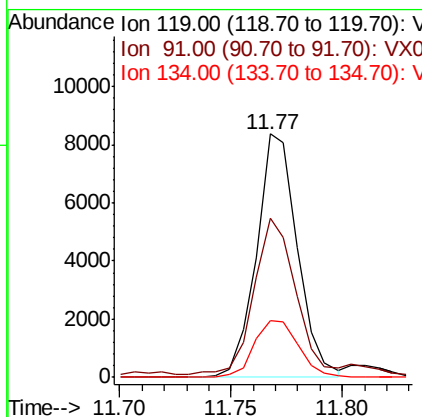
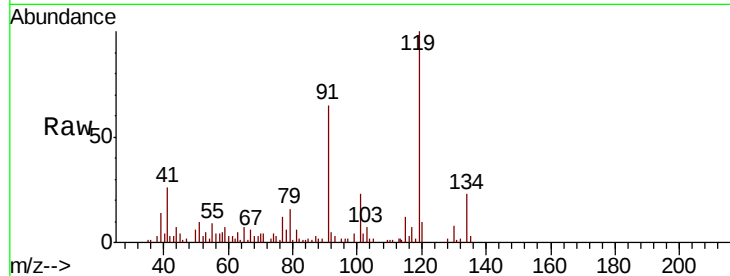




#83
tert-Butylbenzene
Concen: 0.968 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

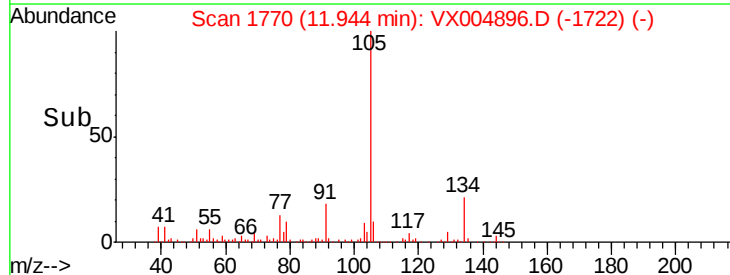
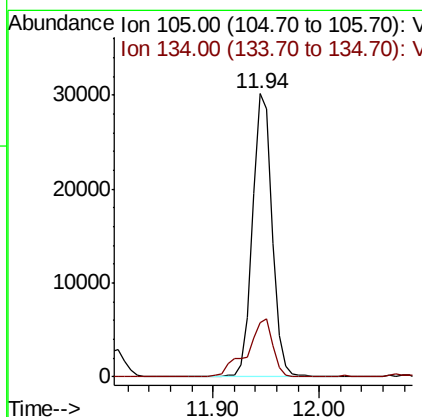
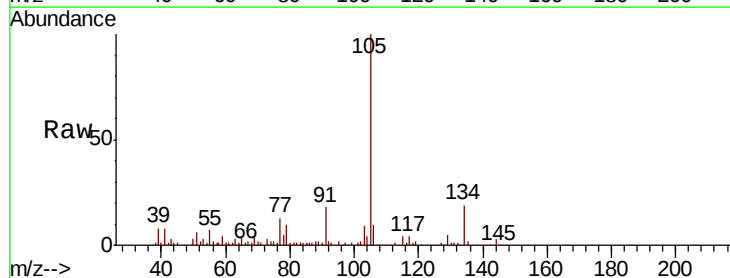
Instrument :
MSVOA_X
ClientSampled :
S13-0247

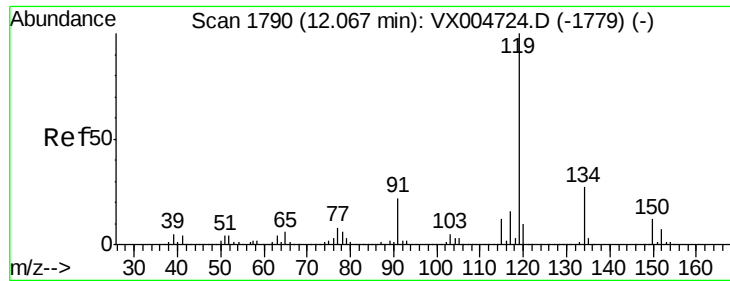
Tot Ion:119 Resp: 10700
Ion Ratio Lower Upper
119 100
91 65.3 27.0 81.0
134 25.3 11.7 35.1



#85
sec-Butylbenzene
Concen: 2.916 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion:105 Resp: 39276
Ion Ratio Lower Upper
105 100
134 26.9 10.5 31.5

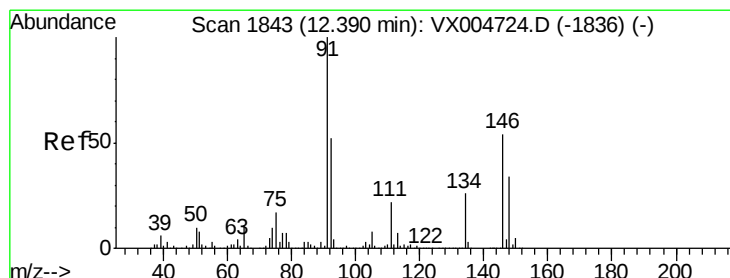
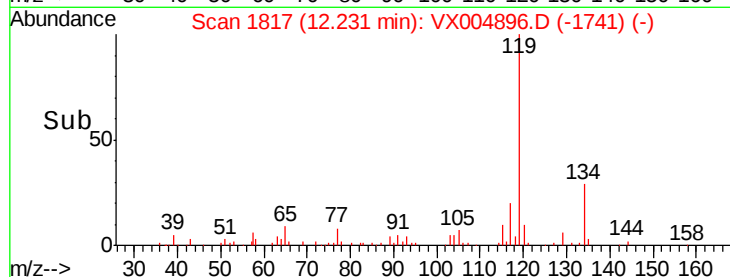
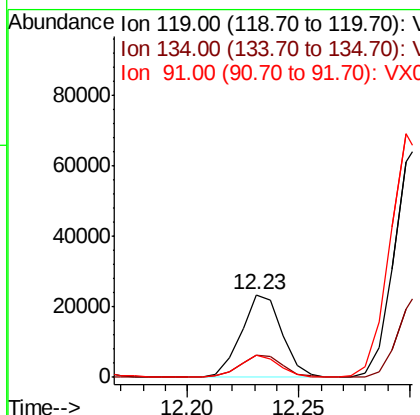
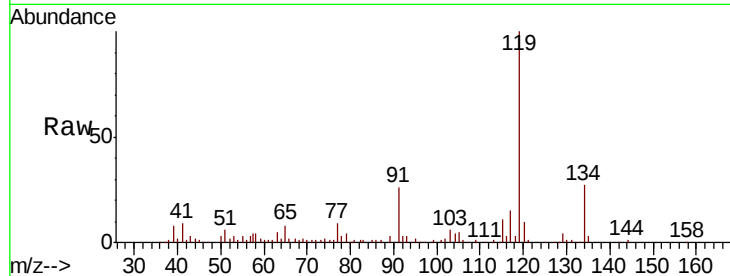




#86
p-Isopropyltoluene
Concen: 2.463 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.16 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

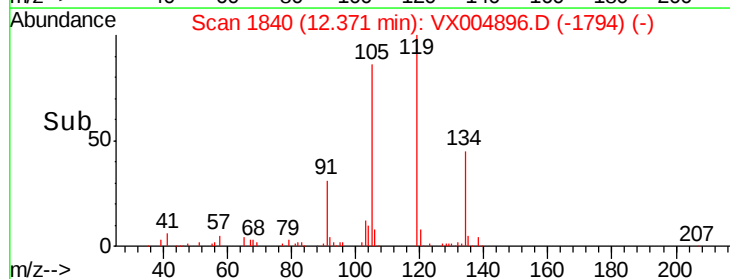
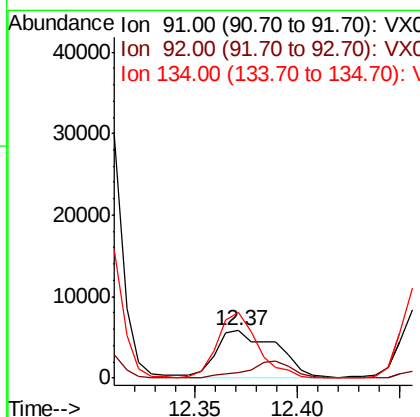
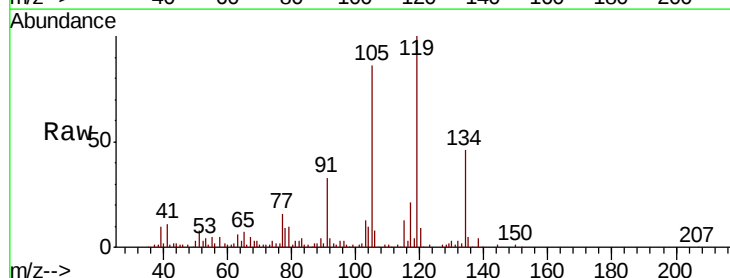
Instrument :
MSVOA_X
ClientSampled :
S13-0247

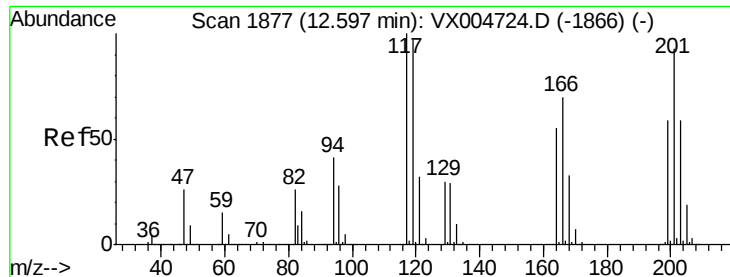
Tot Ion: 119 Resp: 30060
Ion Ratio Lower Upper
119 100
134 28.4 13.4 40.2
91 24.7 10.9 32.7



#89
n-Butylbenzene
Concen: 1.038 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX004896.D
Acq: 02 Oct 2018 03:31

Tgt Ion: 91 Resp: 11509
Ion Ratio Lower Upper
91 100
92 28.1 27.3 81.9
134 96.8 13.6 40.7#





#90

Hexachloroethane

Concen: 8.301 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

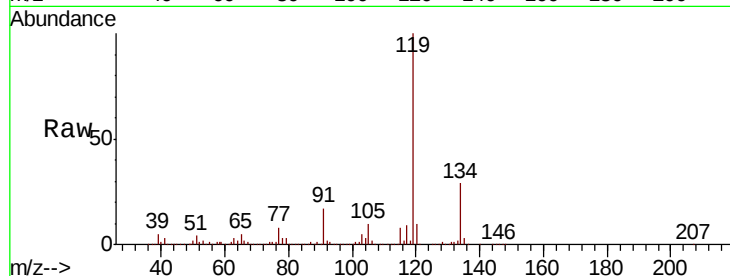
S13-0247

Tot Ion:117 Resp: 16868

Ion Ratio Lower Upper

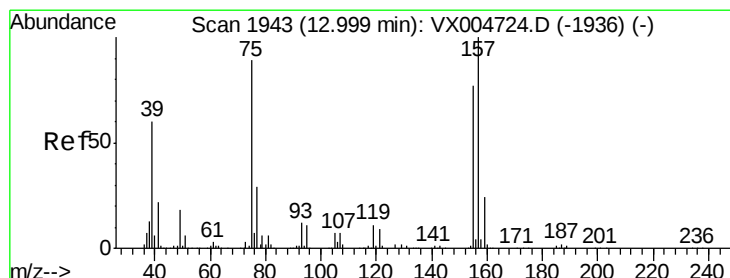
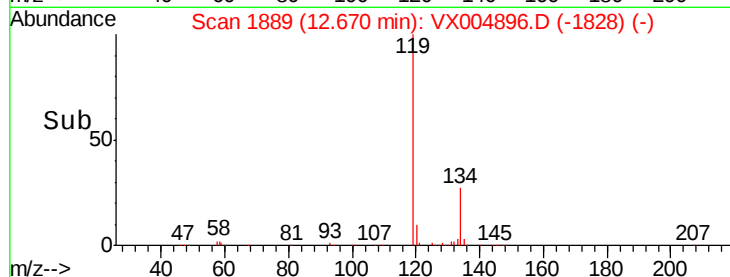
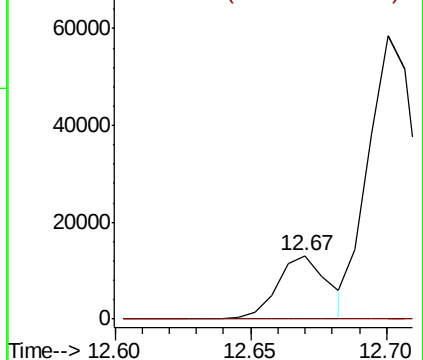
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.944 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

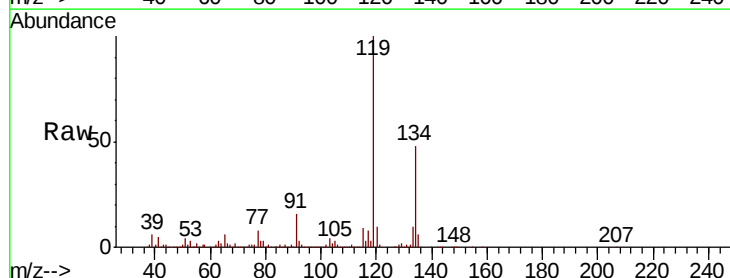
Tgt Ion: 75 Resp: 1133

Ion Ratio Lower Upper

75 100

155 3.8 48.0 144.2#

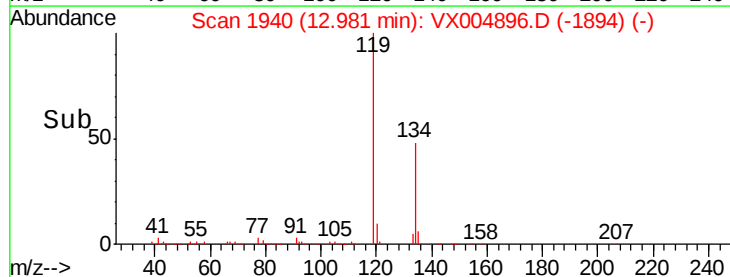
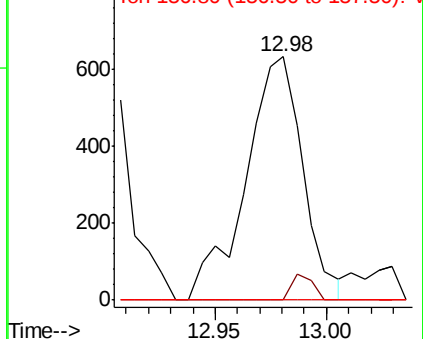
157 0.0 61.4 184.1#

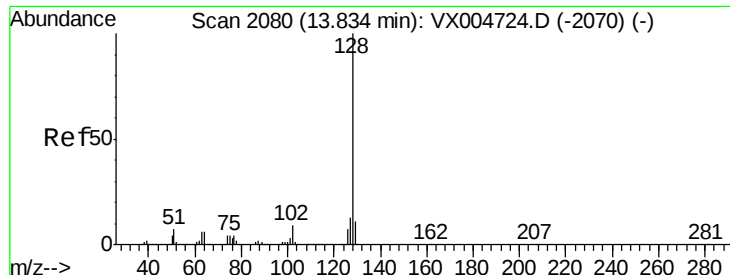


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.021 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004896.D

Acq: 02 Oct 2018 03:31

Instrument :

MSVOA_X

ClientSampleId :

S13-0247

Tot Ion:128 Resp: 41395

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.2#

129 16.2 8.6 12.8#

