

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004564.D
 Acq On : 15 Sep 2018 05:23
 Operator : JC/MD
 Sample : J4925-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

Quant Time: Sep 15 06:08:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188182	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	176781	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	5.50	113	150216	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
50) Toluene-d8	8.71	98	517547	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	11.14	95	182259	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2566	0.75	ug/l	96
5) Bromomethane	1.65	94	934	Below Cal		99
10) Methyl Iodide	2.51	142	529	4.39	ug/l #	75
11) Tert butyl alcohol	3.06	59	1036	1.27	ug/l #	72
13) Acrolein	2.30	56	76	0.24	ug/l #	1
14) Allyl chloride	2.62	41	1672	0.29	ug/l #	68
15) Acrylonitrile	3.17	53	1408	0.72	ug/l #	47
16) Acetone	2.45	43	8953	5.38	ug/l	99
18) Methyl Acetate	2.84	43	19539	4.19	ug/l #	51
25) 2-Butanone	4.71	43	850	0.32	ug/l #	47
31) Cyclohexane	5.57	56	25197	5.11	ug/l	93
36) 1,1-Dichloropropene	5.67	75	17310	3.85	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22877	5.21	ug/l #	14
39) Methylcyclohexane	7.46	83	46348	9.87	ug/l	87
41) Methacrylonitrile	5.23	41	4171	1.48	ug/l #	51
43) Isopropyl Acetate	6.46	43	1608	0.24	ug/l #	59
48) Methyl methacrylate	7.73	41	1470	0.44	ug/l #	72
51) 4-Methyl-2-Pentanone	8.66	43	2062	0.43	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	12059	3.56	ug/l #	20
56) Ethyl methacrylate	9.16	69	2896	0.60	ug/l #	4
73) Isopropylbenzene	11.02	105	12968	1.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	1733	0.43	ug/l #	33
76) 1,2,3-Trichloropropane	11.14	75	85031	22.46	ug/l #	37
78) n-propylbenzene	11.36	91	13939	0.98	ug/l	99
79) 2-Chlorotoluene	11.36	91	13939	1.61	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	85031	71.59	ug/l #	10
83) tert-Butylbenzene	11.77	119	4124	0.42	ug/l	80
85) sec-Butylbenzene	11.95	105	6635	0.52	ug/l	82
86) p-Isopropyltoluene	12.23	119	9264	0.83	ug/l	94
89) n-Butylbenzene	12.39	91	3036	0.30	ug/l #	64
90) Hexachloroethane	12.67	117	2850	1.59	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.97	75	227	0.27	ug/l #	1
95) Naphthalene	13.83	128	9855	0.77	ug/l #	93

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

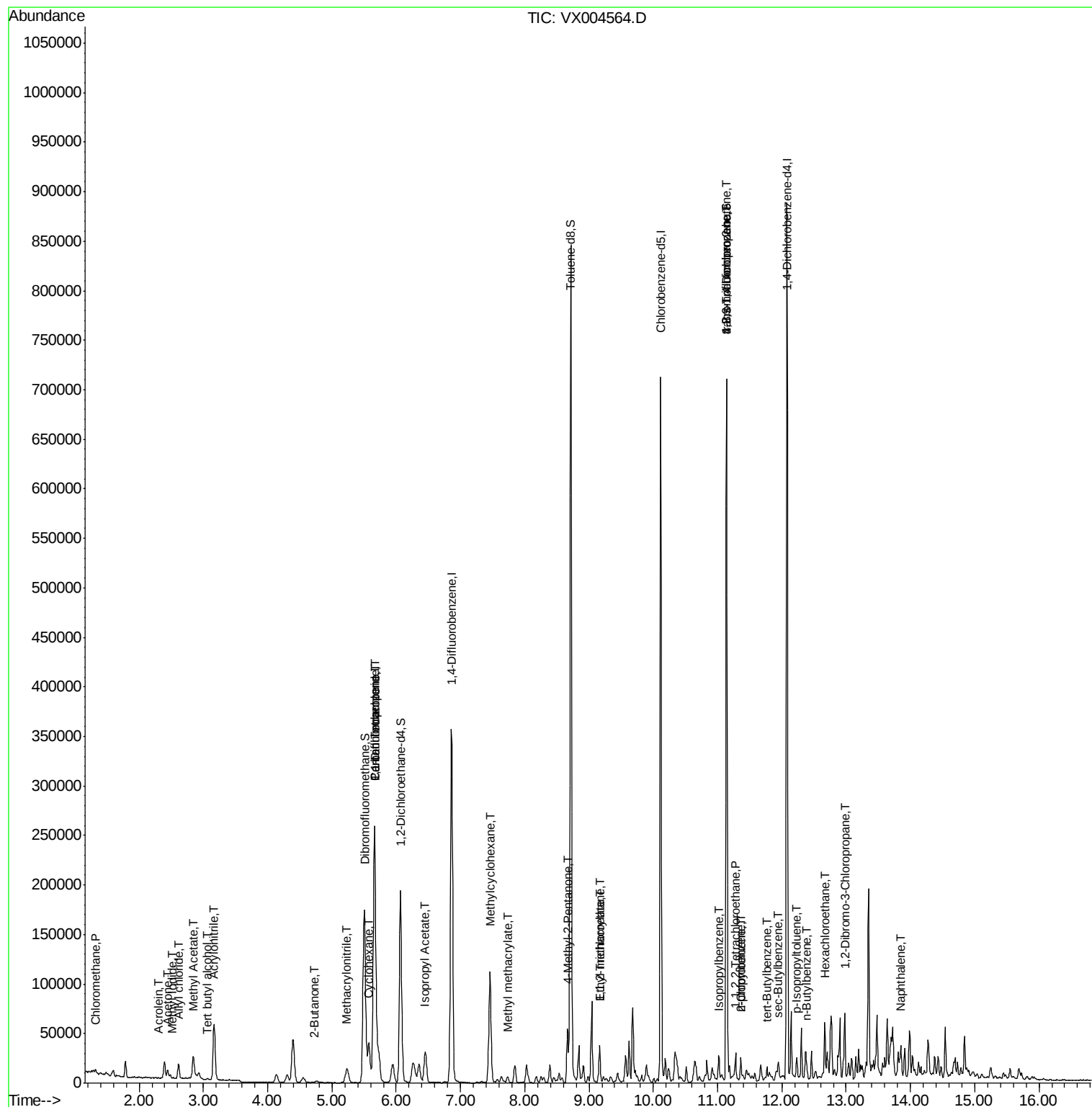
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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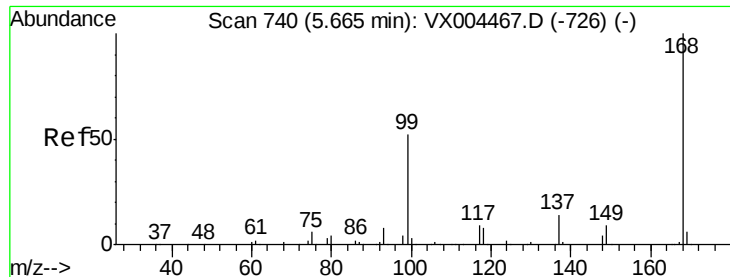
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

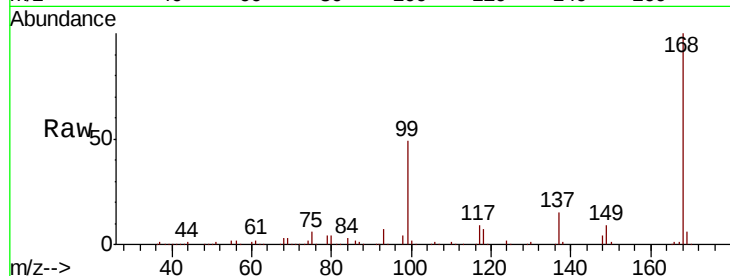
S13-0254

Tot Ion:168 Resp: 264223

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

100000

80000

60000

40000

20000

0

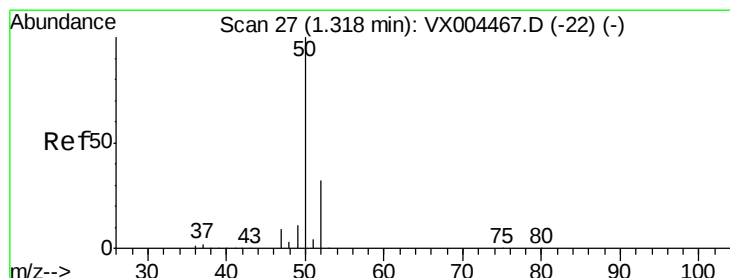
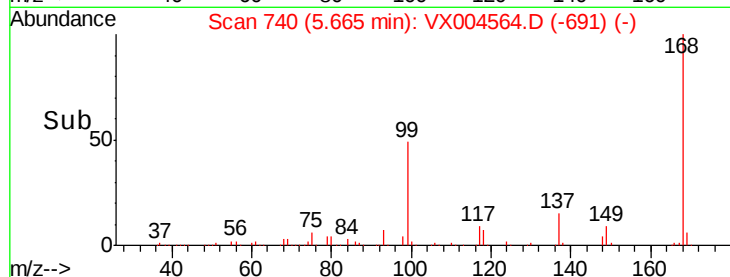
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.75 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004564.D

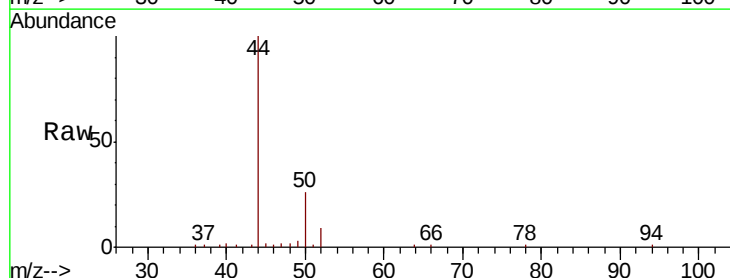
Acq: 15 Sep 2018 05:23

Tgt Ion: 50 Resp: 2566

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX004467.D (-22) (-)

Ion 51.90 (51.60 to 52.60): VX004467.D (-22) (-)

1.32

2500

2000

1500

1000

500

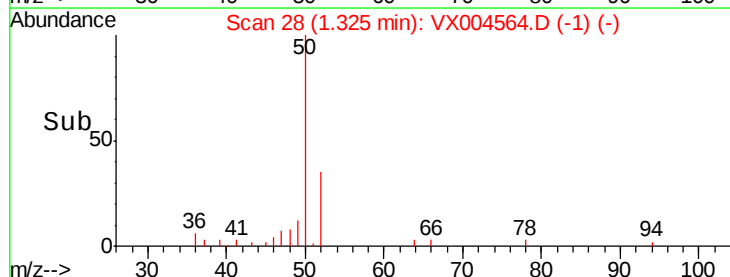
0

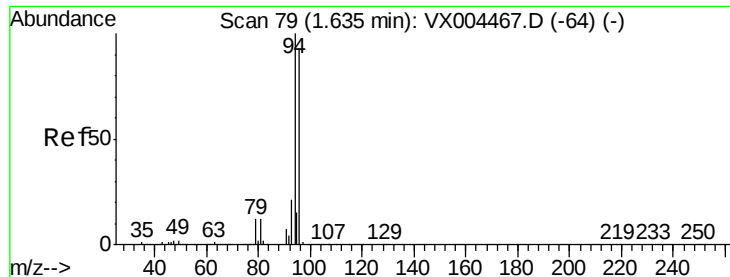
Time-->

1.30

1.35

1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

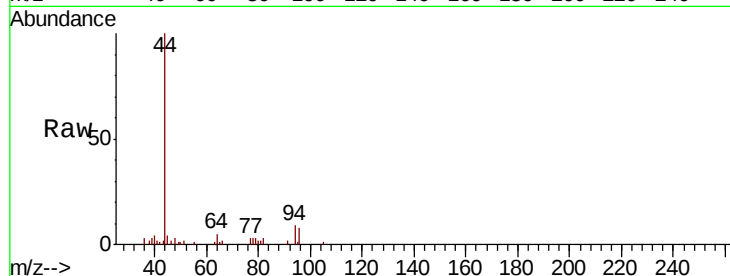
S13-0254

Tot Ion: 94 Resp: 934

Ion Ratio Lower Upper

94 100

96 92.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

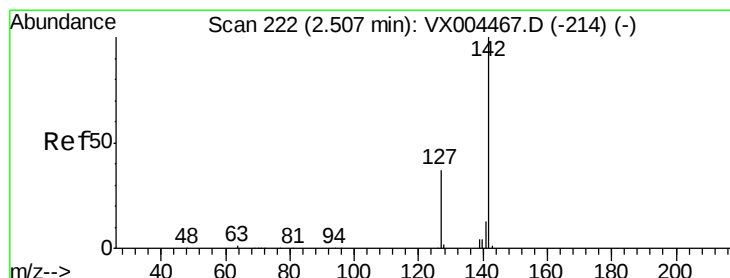
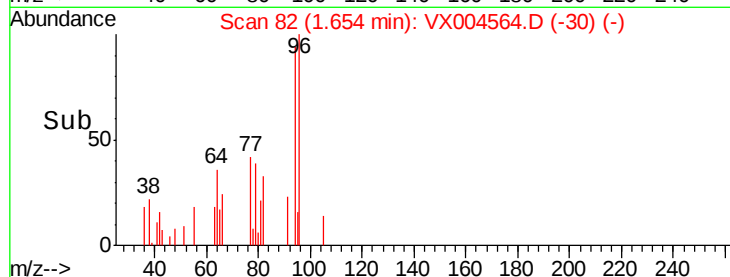
200

100

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 4.39 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

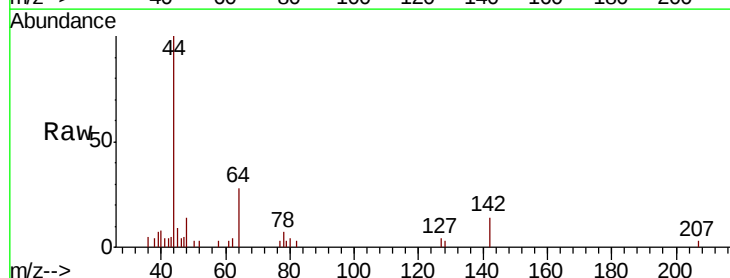
Tgt Ion: 142 Resp: 529

Ion Ratio Lower Upper

142 100

127 22.9 33.8 50.6#

141 10.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

300

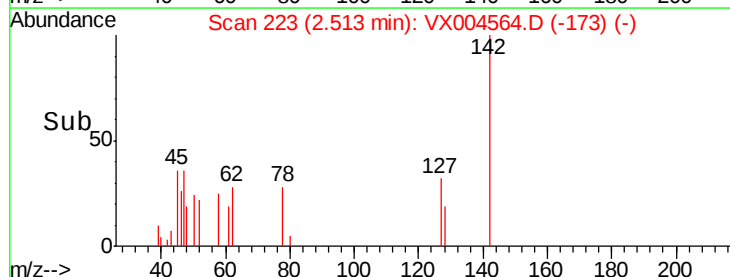
200

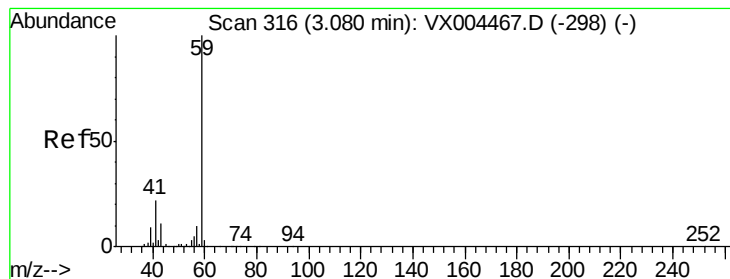
100

0

2.45 2.50 2.55

Time-->





#11

Tert butyl alcohol

Concen: 1.27 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

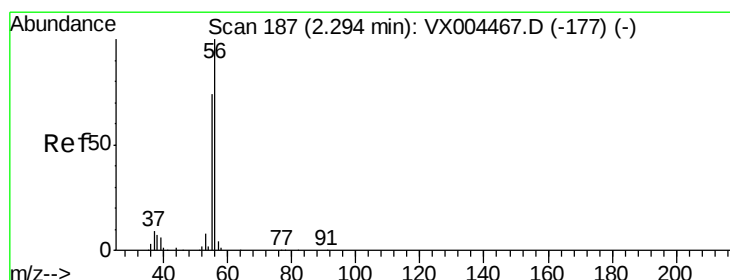
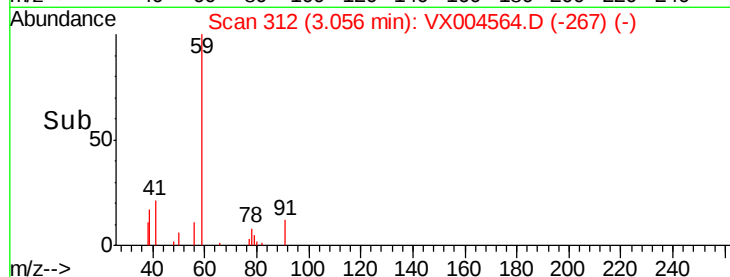
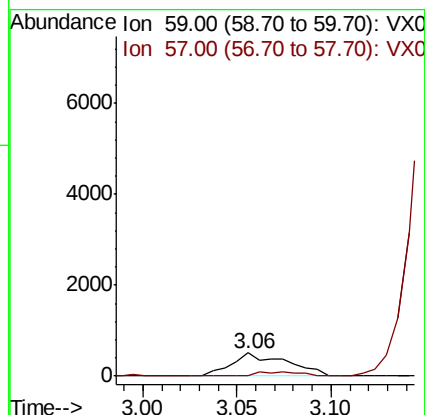
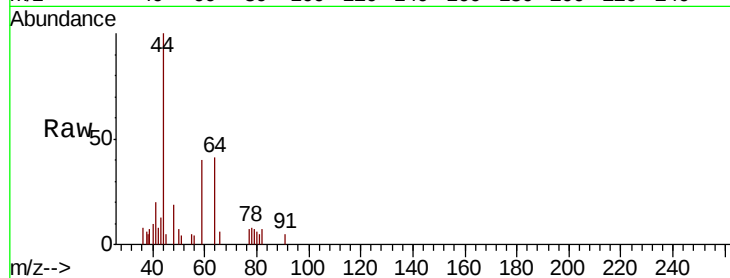
S13-0254

Tot Ion: 59 Resp: 1036

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.24 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004564.D

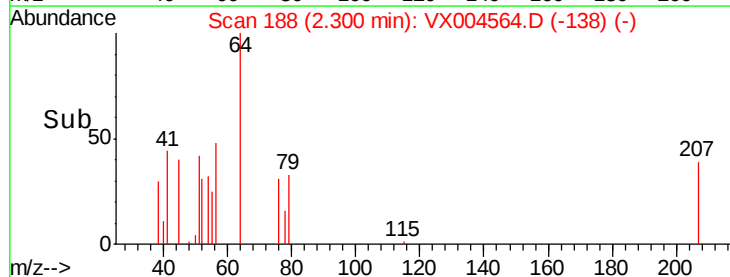
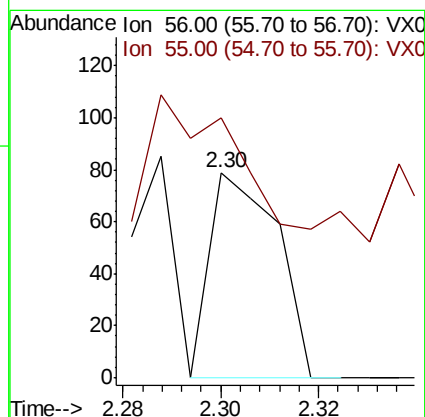
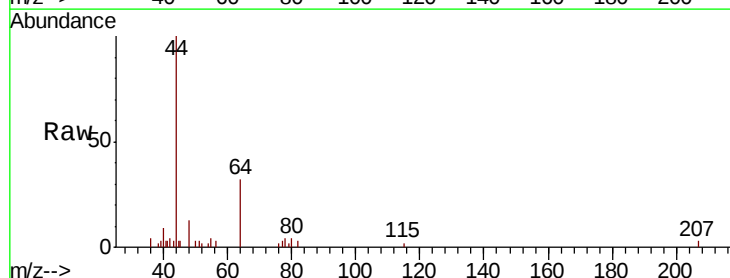
Acq: 15 Sep 2018 05:23

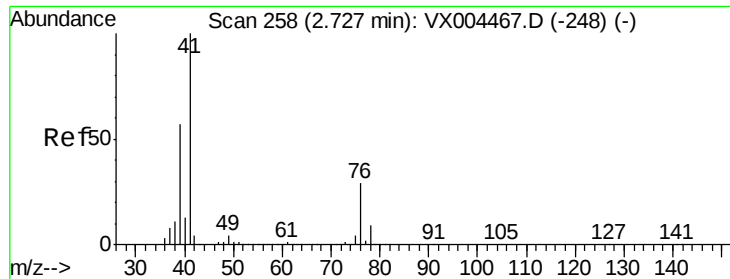
Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 238.2 54.7 82.1#





#14

Allvl chloride

Concen: 0.29 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.11 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

S13-0254

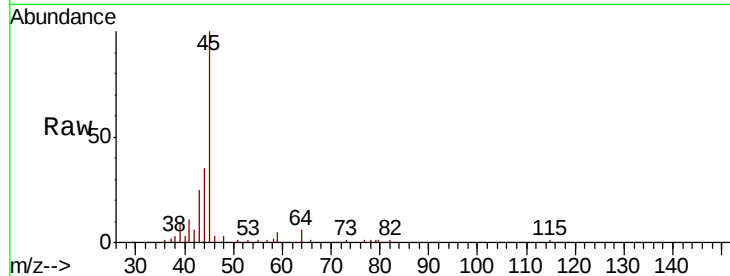
Tot Ion: 41 Resp: 1672

Ion Ratio Lower Upper

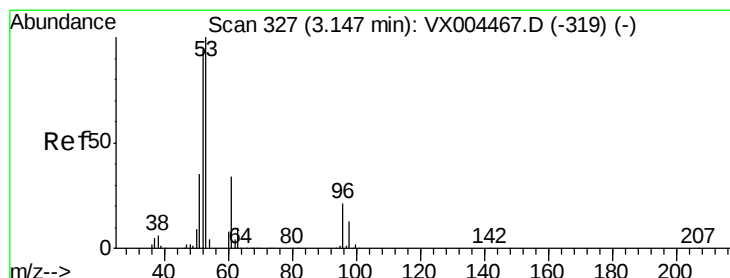
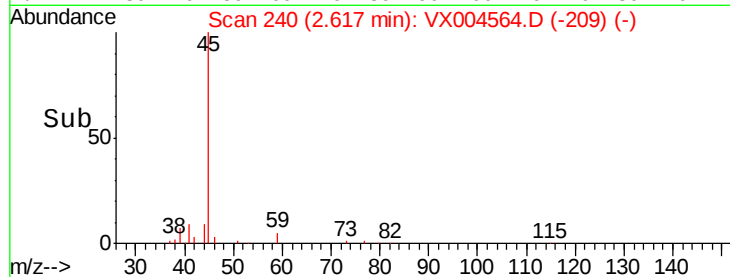
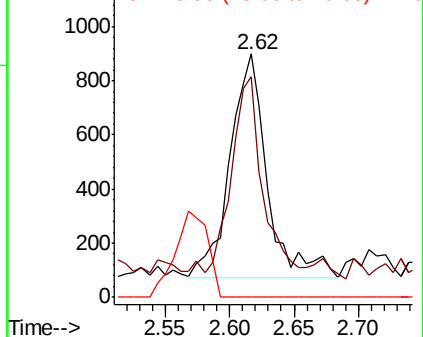
41 100

39 74.0 48.9 73.3#

76 0.0 26.7 40.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.72 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

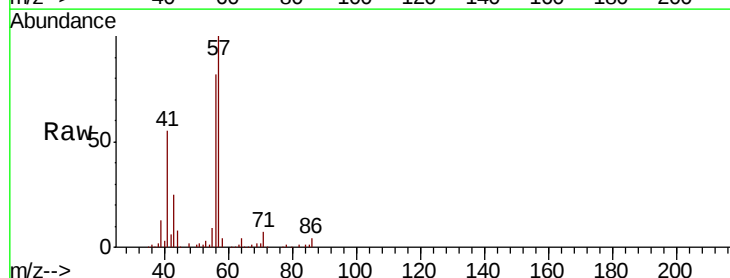
Tgt Ion: 53 Resp: 1408

Ion Ratio Lower Upper

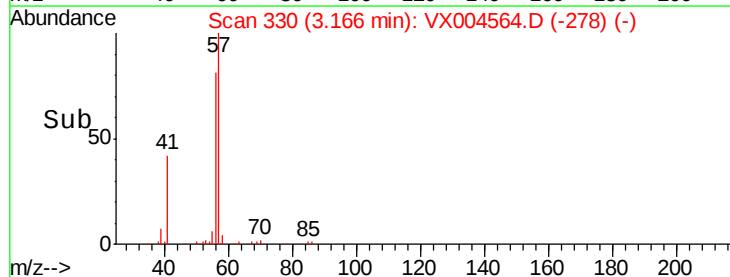
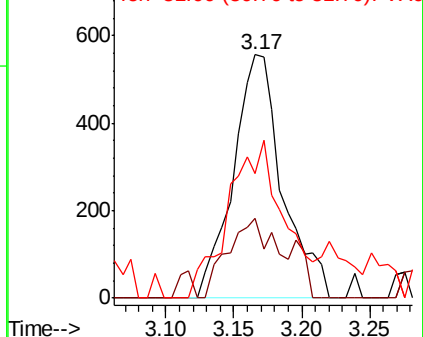
53 100

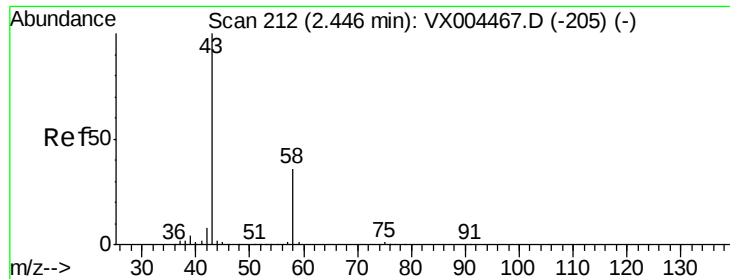
52 37.9 65.2 97.8#

51 72.4 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

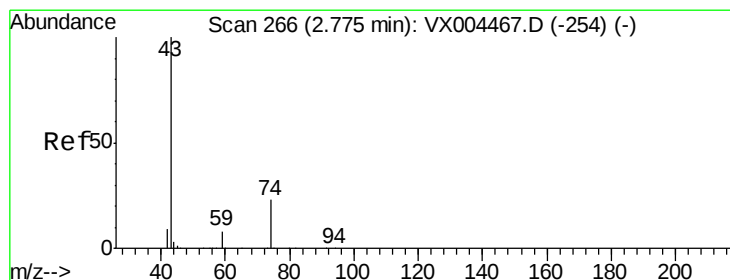
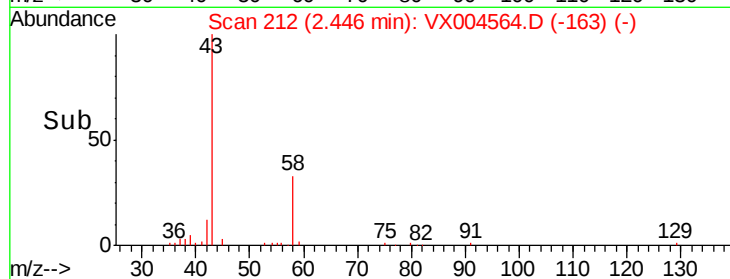
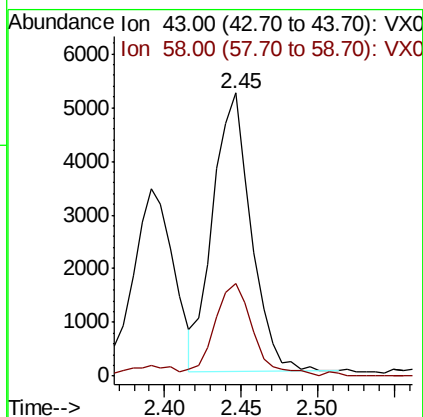
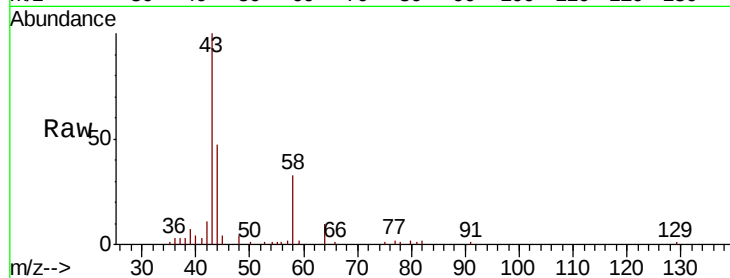




#16
Acetone
Concen: 5.38 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

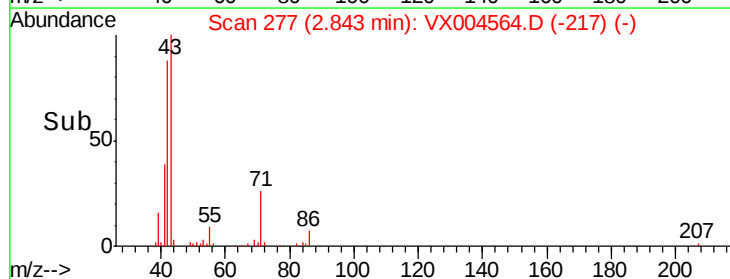
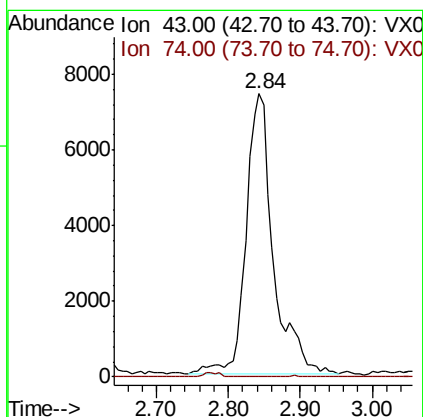
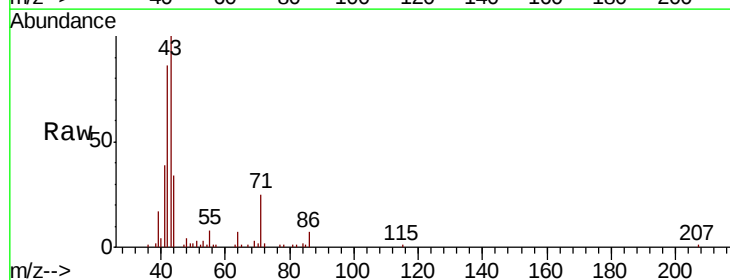
Instrument :
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ClientSampled :
S13-0254

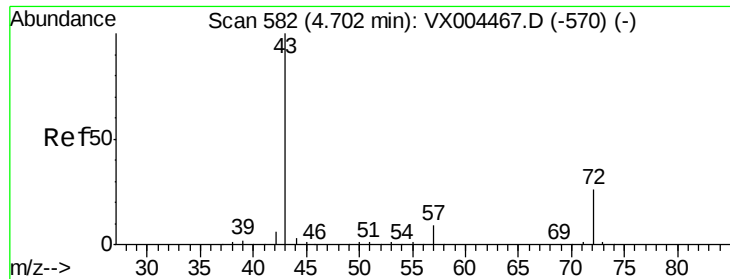
Tot Ion: 43 Resp: 8953
Ion Ratio Lower Upper
43 100
58 32.0 26.2 39.4



#18
Methyl Acetate
Concen: 4.19 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 43 Resp: 19539
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#25

2-Butanone

Concen: 0.32 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

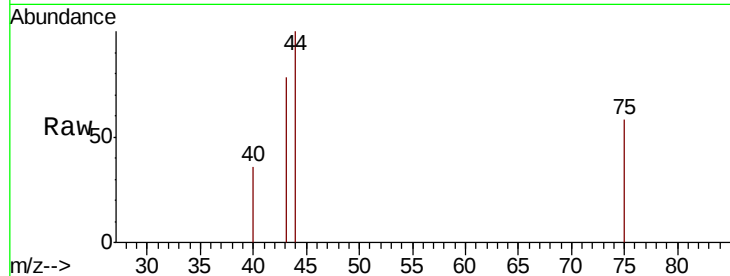
S13-0254

Tot Ion: 43 Resp: 850

Ion Ratio Lower Upper

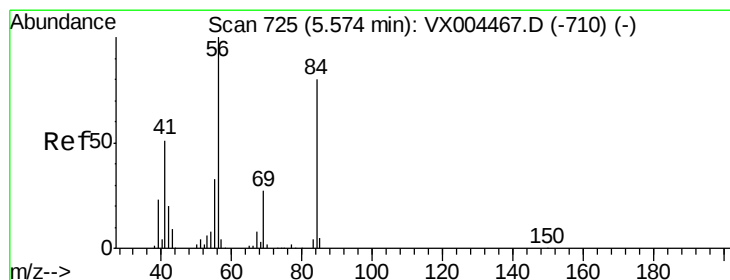
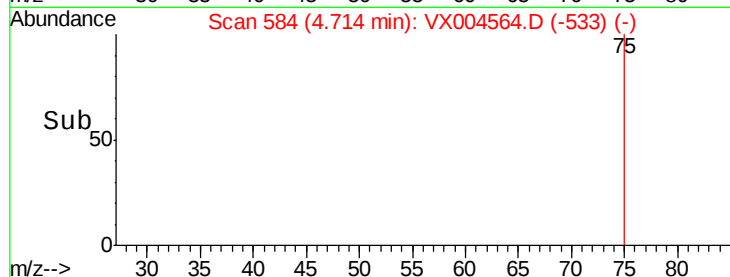
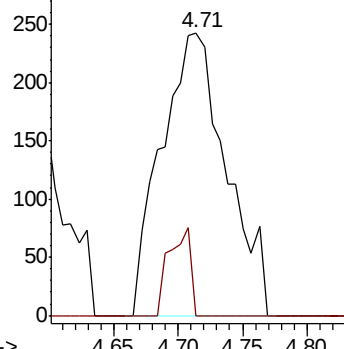
43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 5.11 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

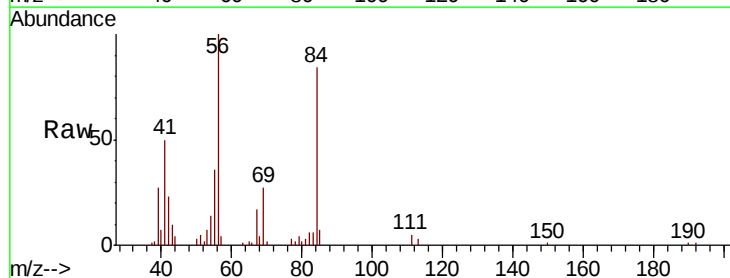
Tgt Ion: 56 Resp: 25197

Ion Ratio Lower Upper

56 100

69 26.6 25.4 38.2

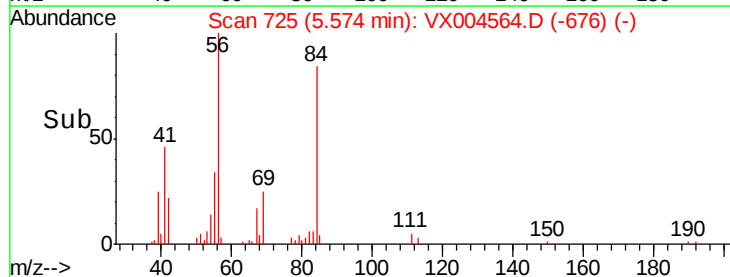
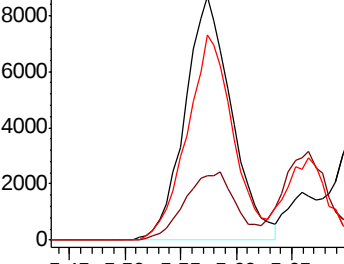
84 84.1 71.4 107.2

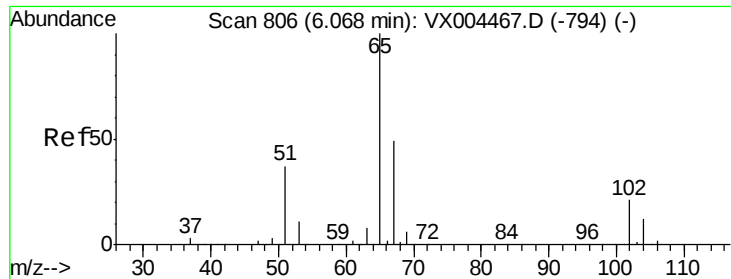


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.89 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

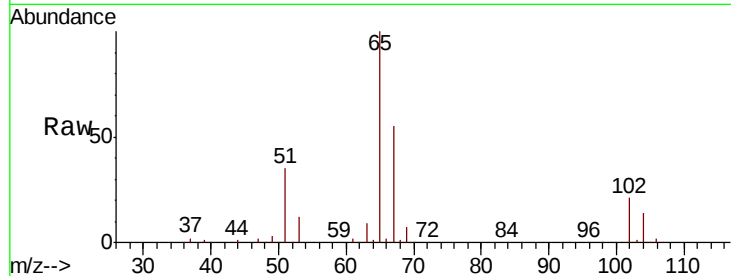
S13-0254

Tot Ion: 65 Resp: 176781

Ion Ratio Lower Upper

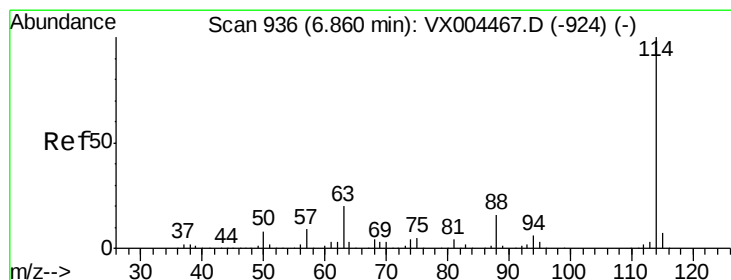
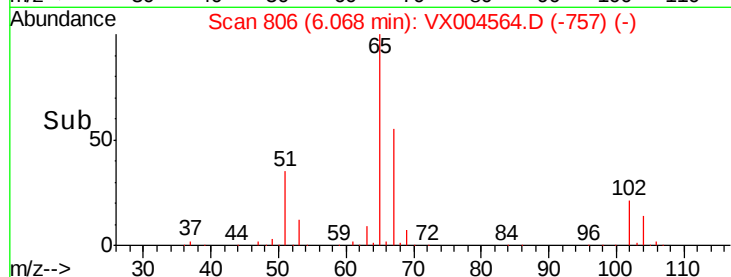
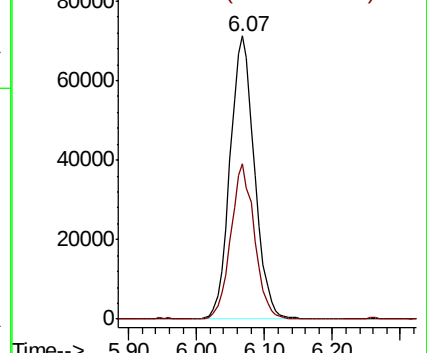
65 100

67 53.2 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: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

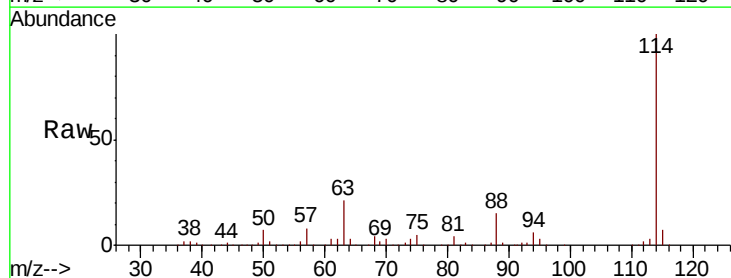
Tgt Ion: 114 Resp: 370516

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

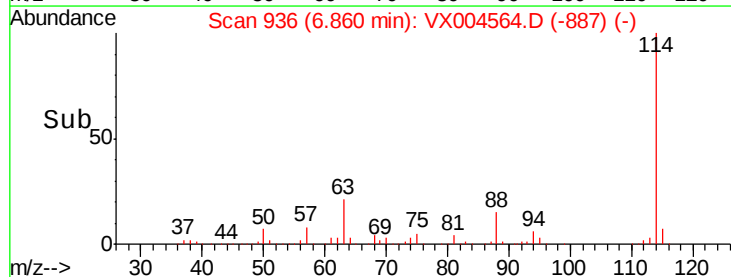
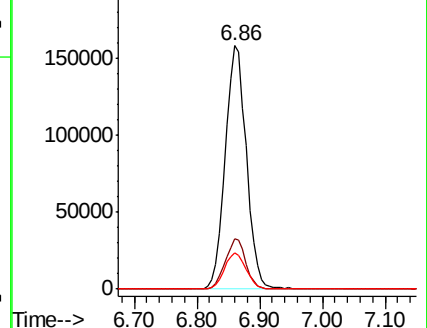
88 14.6 0.0 30.4

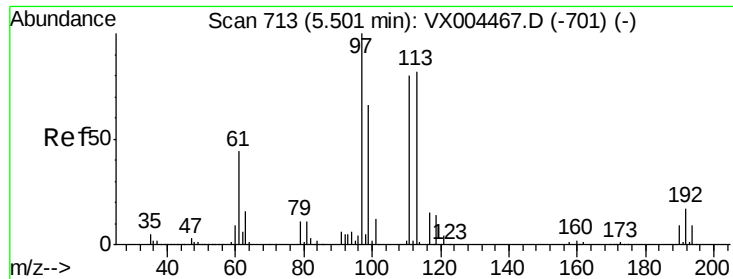


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

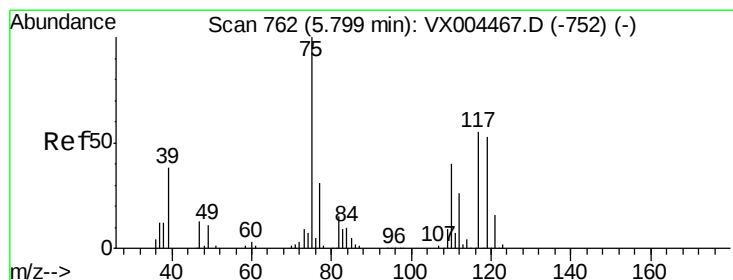
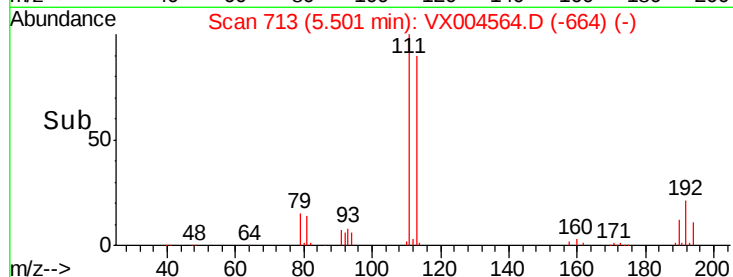
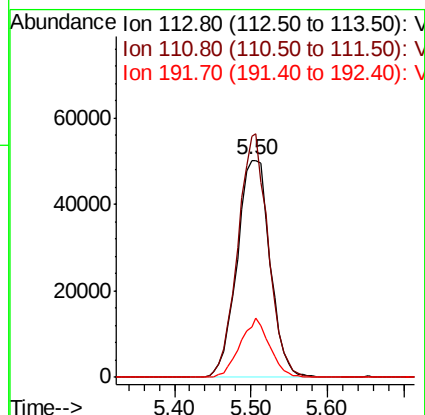
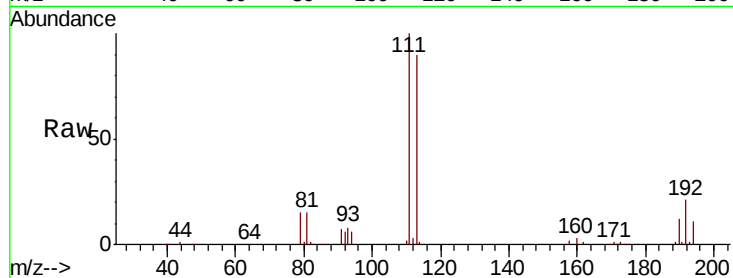




#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

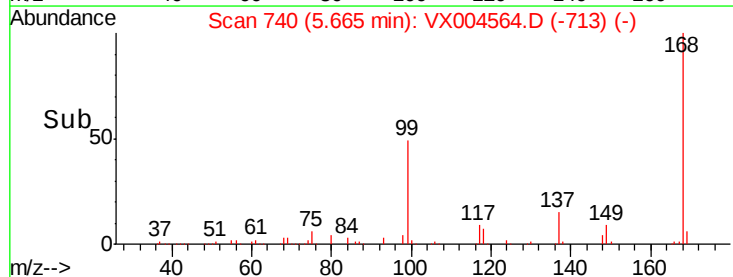
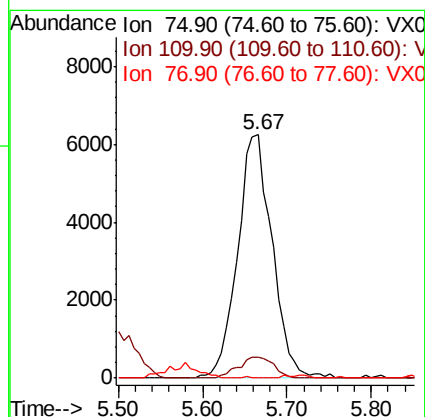
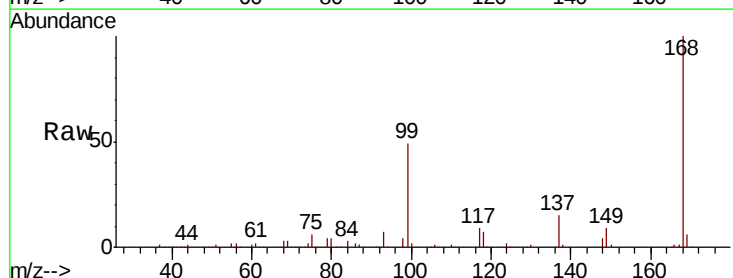
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

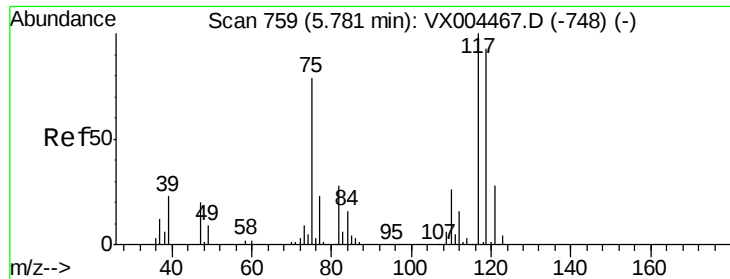
Tot Ion:113 Resp: 150216
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 24.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

Tgt Ion: 75 Resp: 17310
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.0 54.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.21 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

S13-0254

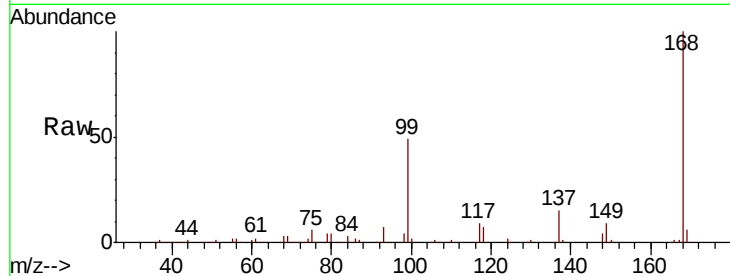
Tot Ion:117 Resp: 22877

Ion Ratio Lower Upper

117 100

119 4.2 78.8 118.2#

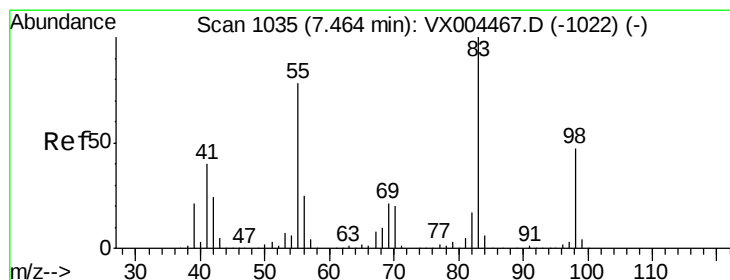
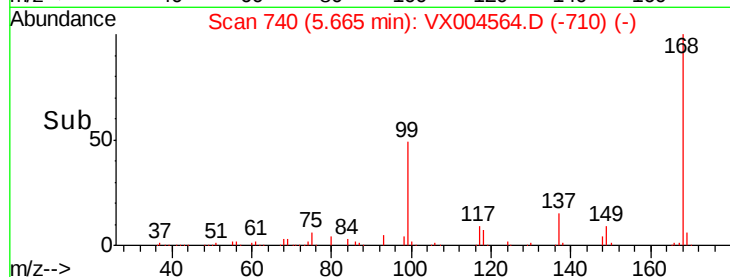
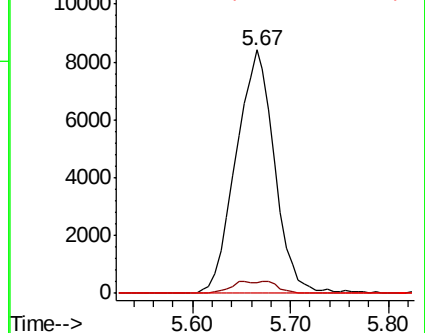
121 0.0 24.9 37.3#



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

Methylcyclohexane

Concen: 9.87 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

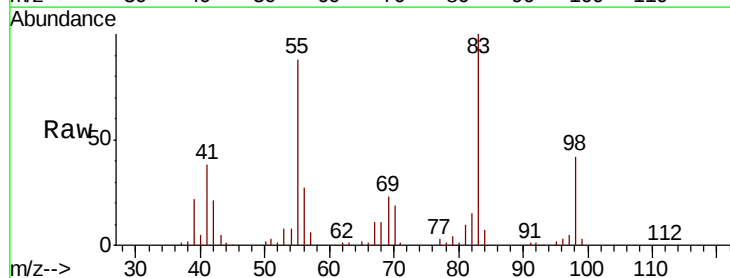
Tgt Ion: 83 Resp: 46348

Ion Ratio Lower Upper

83 100

55 88.1 61.0 91.4

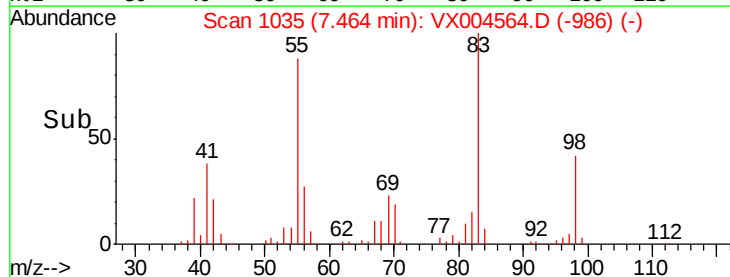
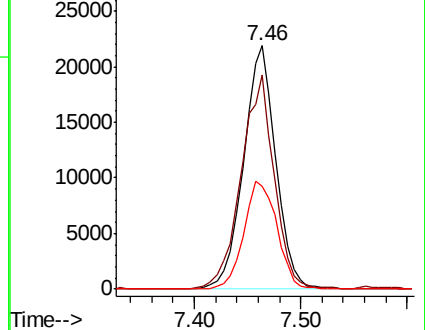
98 42.0 39.6 59.4

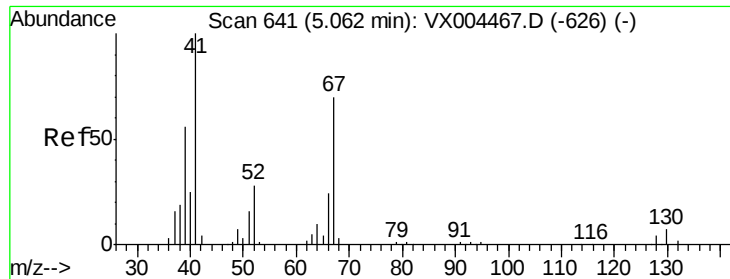


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 1.48 ug/l

RT: 5.23 min Scan# 669

Delta R.T. 0.17 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

S13-0254

Tot Ion: 41 Resp: 4171

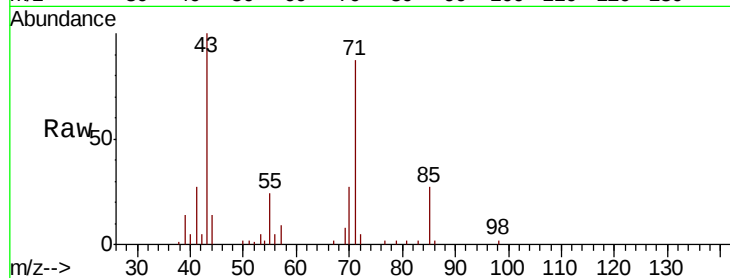
Ion Ratio Lower Upper

41 100

39 53.3 42.4 63.6

67 4.8 59.2 88.8#

52 0.5 23.0 34.4#

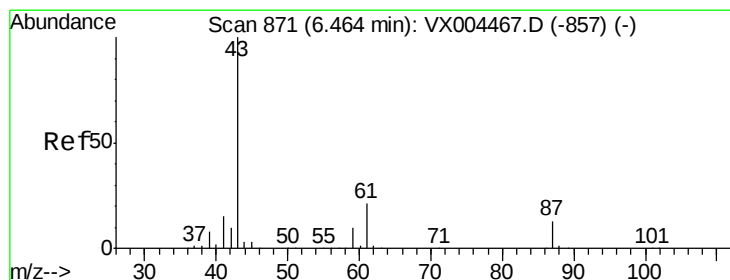
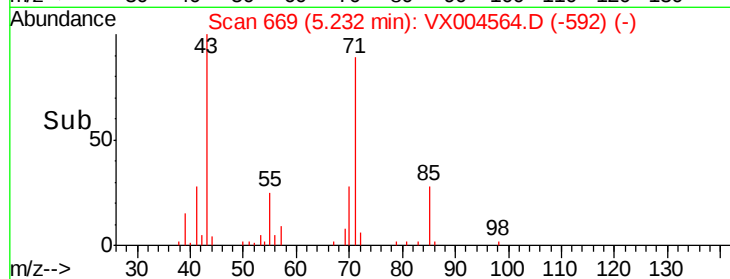
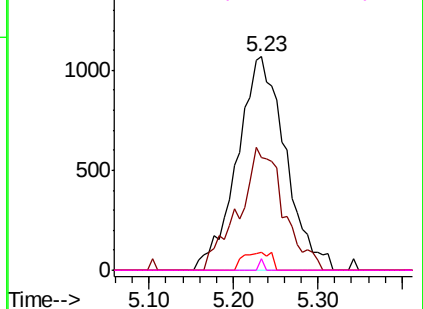


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.24 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

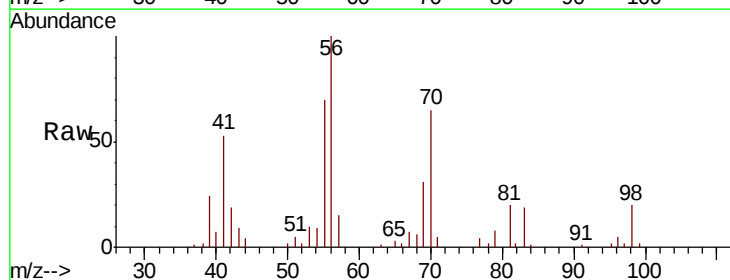
Tgt Ion: 43 Resp: 1608

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

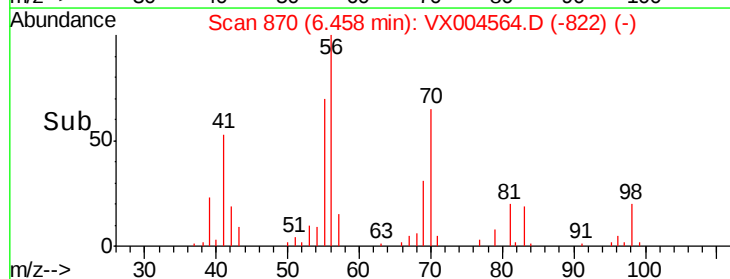
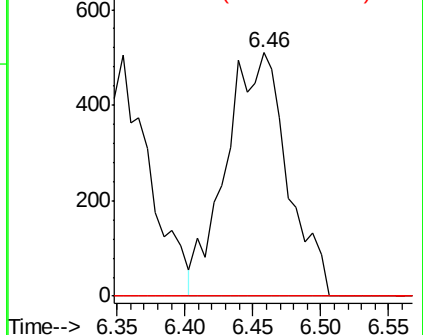
87 0.0 11.4 17.2#

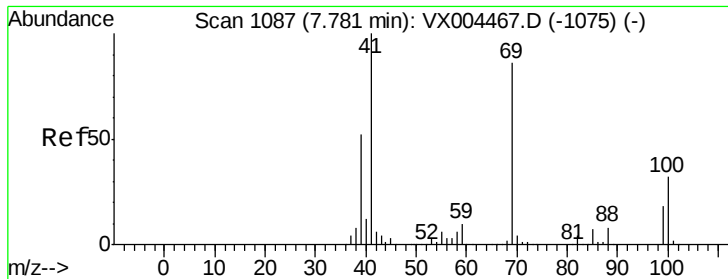


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methyl methacrylate

Concen: 0.44 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.05 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

S13-0254

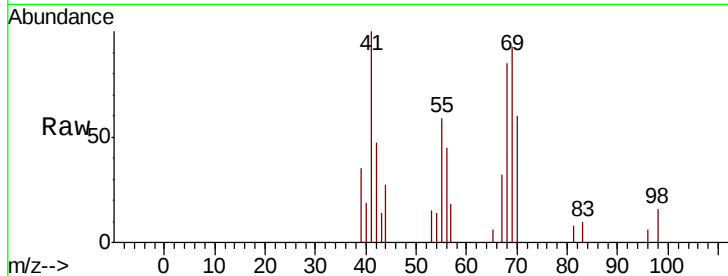
Tot Ion: 41 Resp: 1470

Ion Ratio Lower Upper

41 100

69 127.5 70.2 105.4#

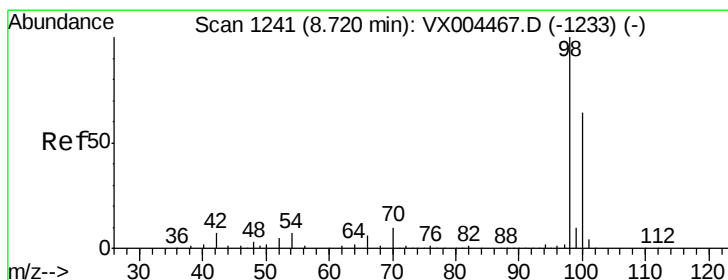
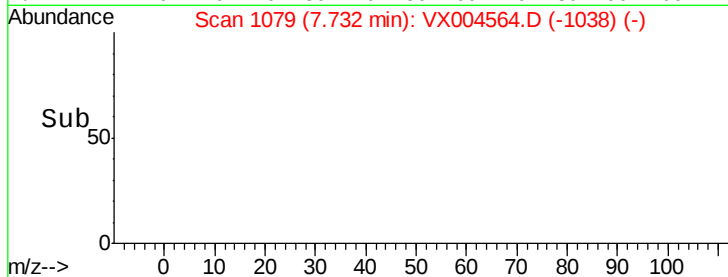
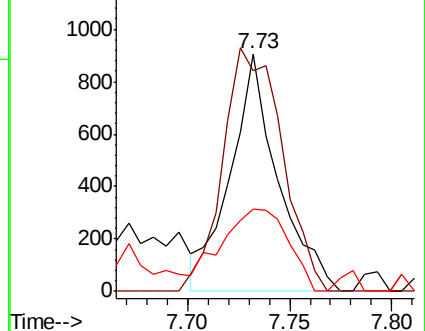
39 49.9 42.7 64.1



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: 45.52 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004564.D

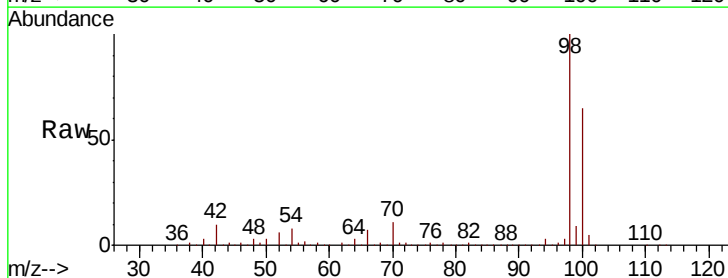
Acq: 15 Sep 2018 05:23

Tgt Ion: 98 Resp: 517547

Ion Ratio Lower Upper

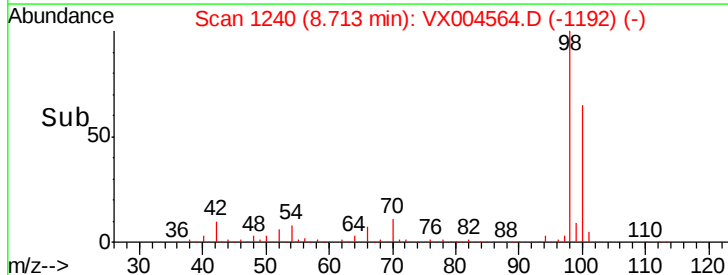
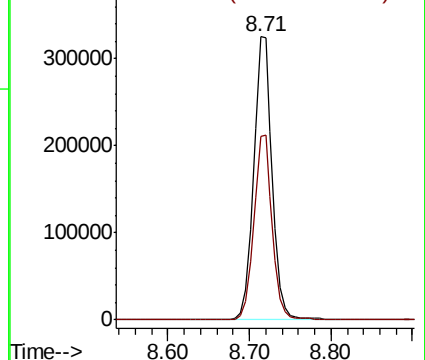
98 100

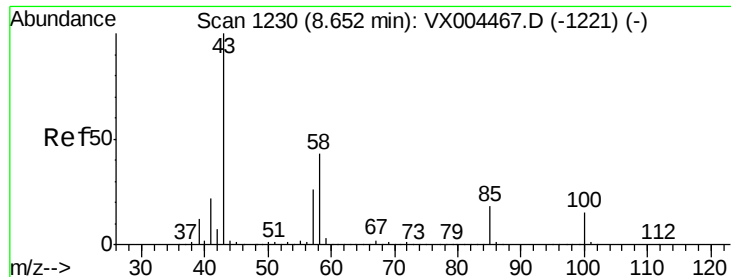
100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

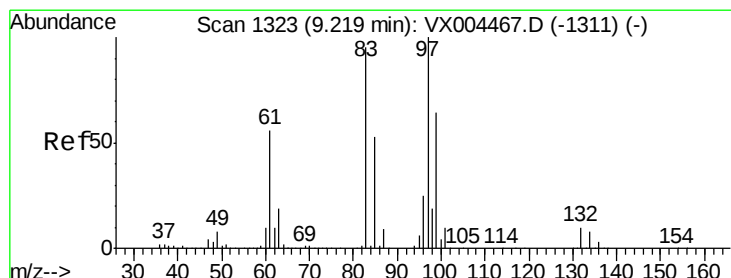
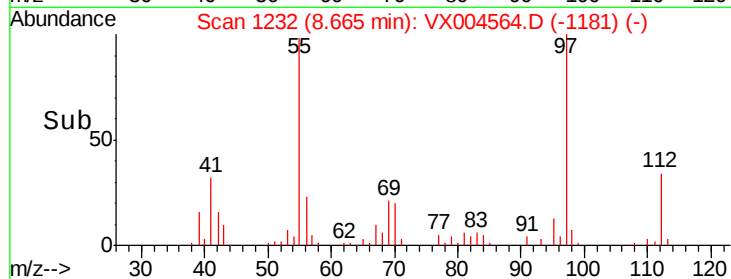
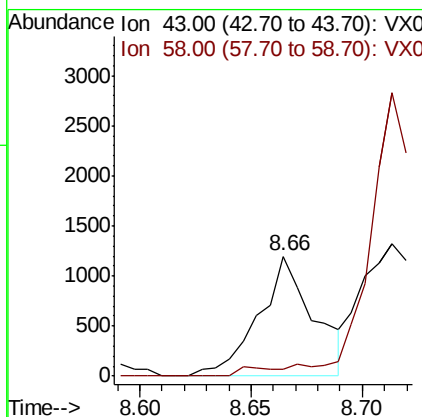
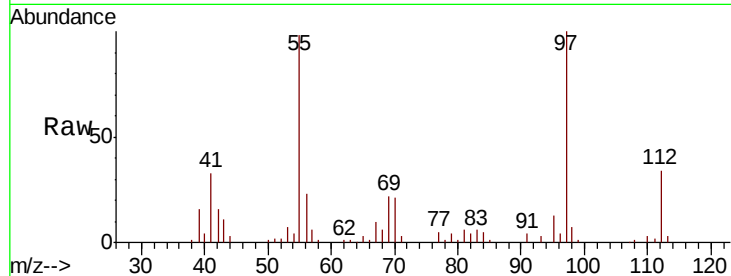




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

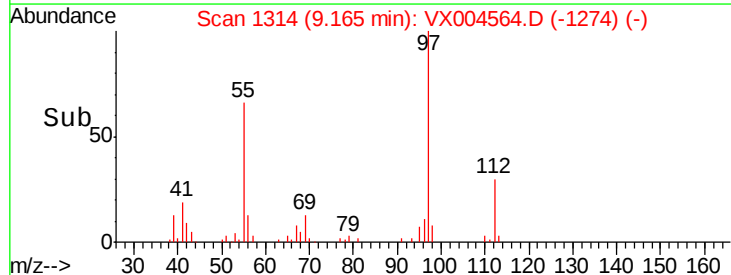
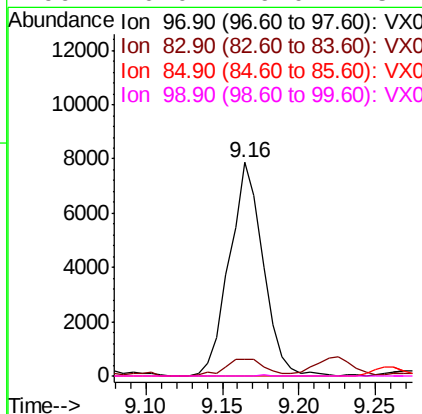
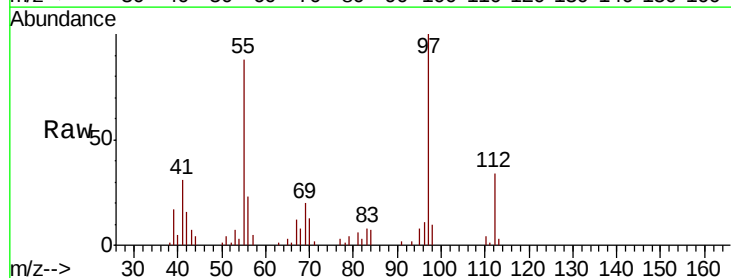
Instrument :
MSVOA_X
ClientSampled :
S13-0254

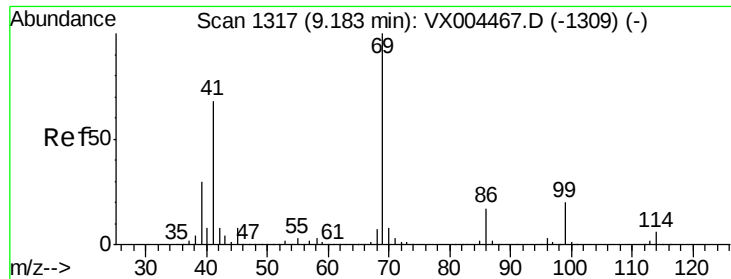
Tot Ion: 43 Resp: 2062
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#55
1,1,2-Trichloroethane
Concen: 3.56 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 97 Resp: 12059
Ion Ratio Lower Upper
97 100
83 7.9 66.4 99.6#
85 0.0 43.3 64.9#
99 0.0 49.0 73.4#

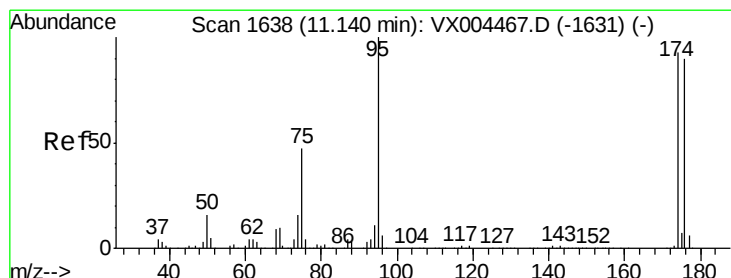
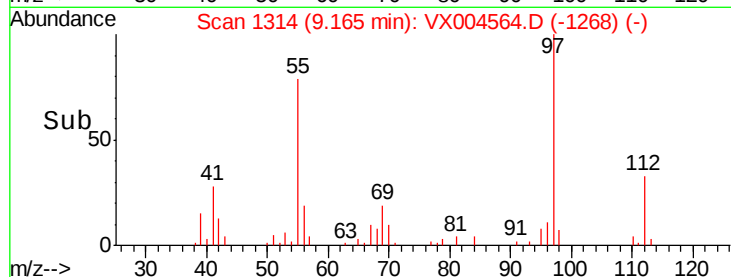
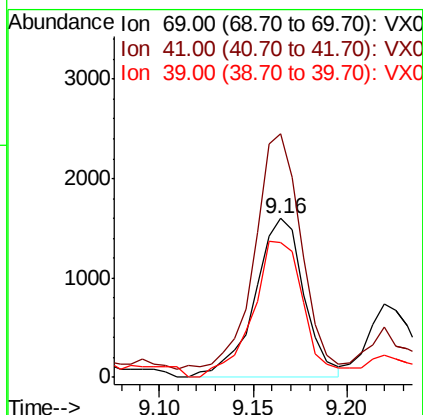
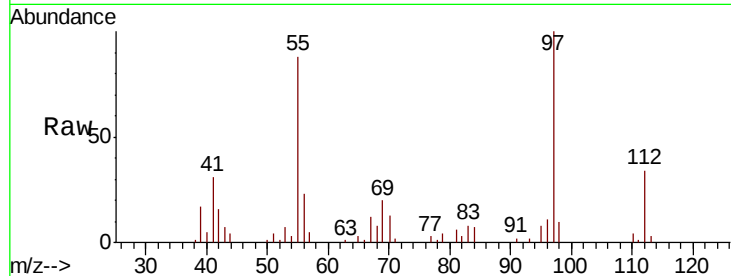




#56
Ethyl methacrylate
Concen: 0.60 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

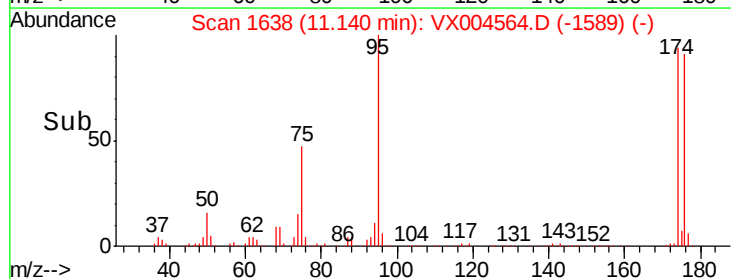
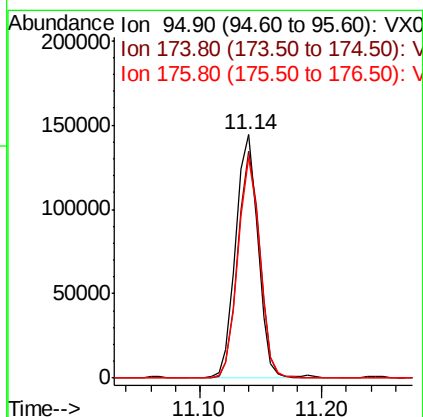
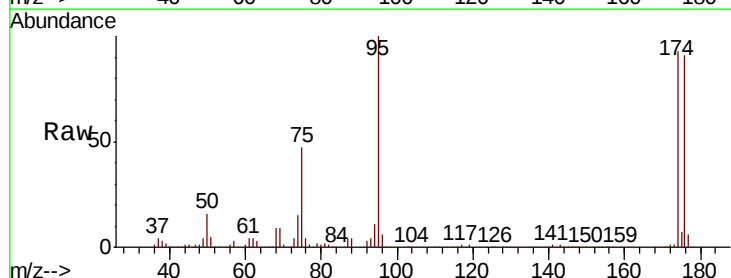
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

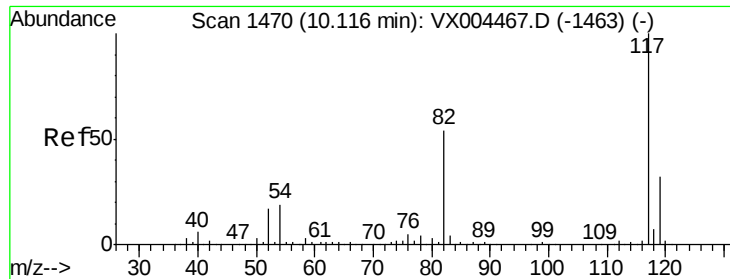
Tot Ion: 69 Resp: 2896
Ion Ratio Lower Upper
69 100
41 137.9 51.0 76.4#
39 87.1 26.1 39.1#



#62
4-Bromofluorobenzene
Concen: 44.91 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 95 Resp: 182259
Ion Ratio Lower Upper
95 100
174 91.5 0.0 185.2
176 88.7 0.0 178.6

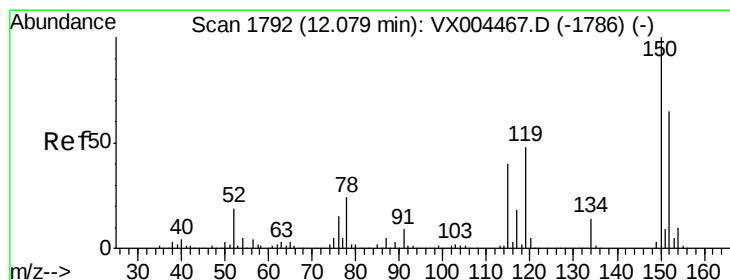
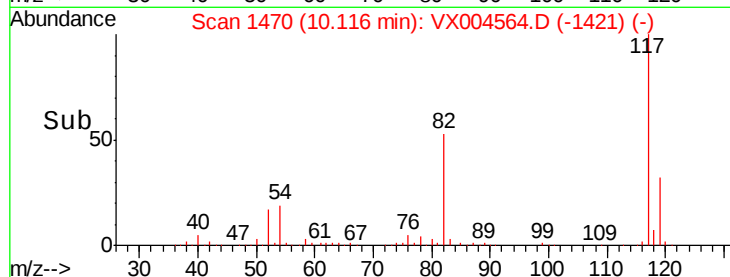
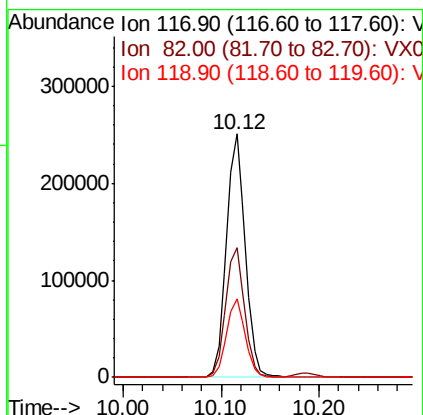
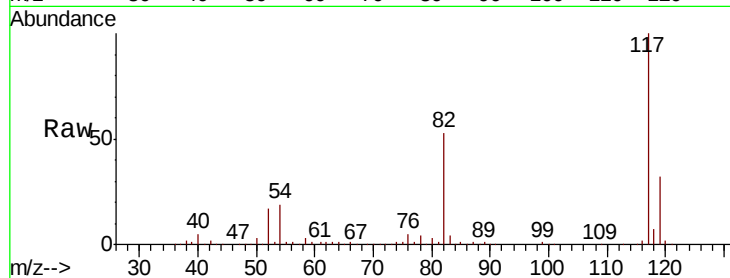




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

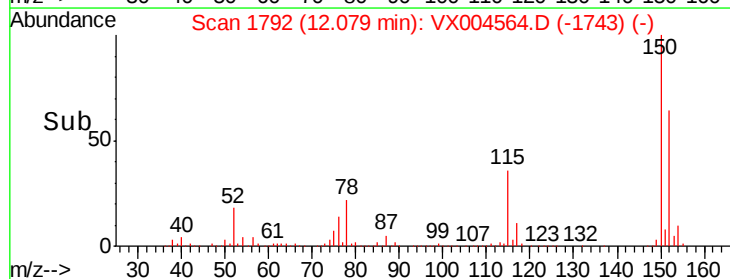
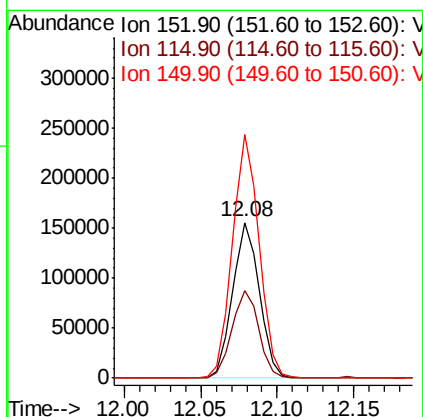
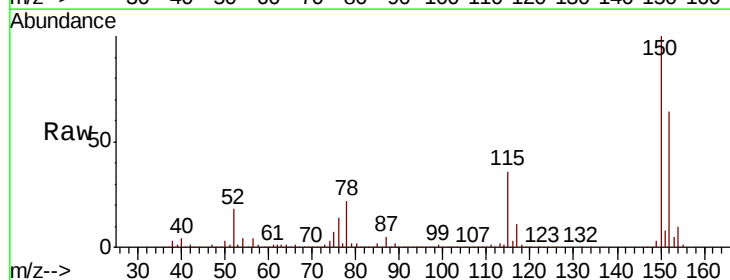
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

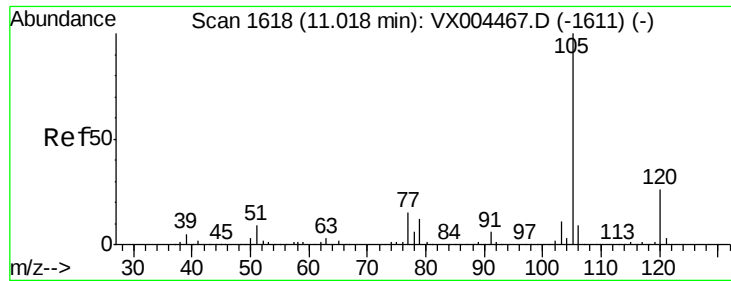
Tot Ion:117 Resp: 335179
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.4 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion:152 Resp: 188182
Ion Ratio Lower Upper
152 100
115 56.5 39.0 117.0
150 155.7 0.0 351.0





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

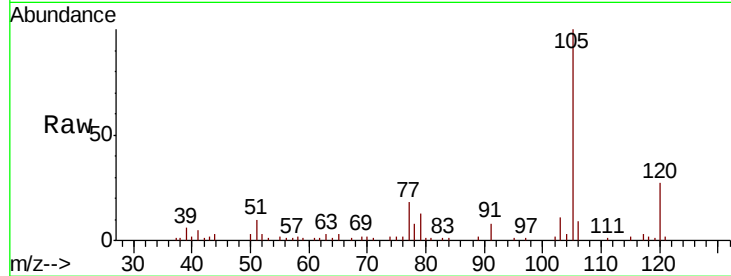
S13-0254

Tot Ion:105 Resp: 12968

Ion Ratio Lower Upper

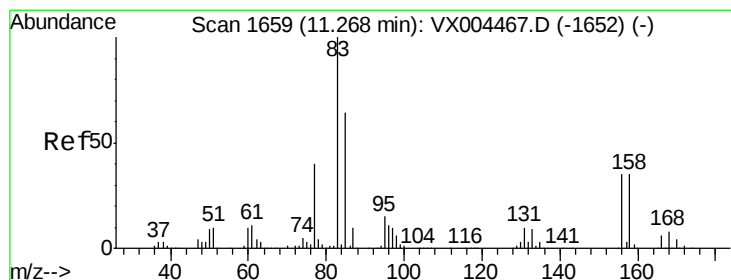
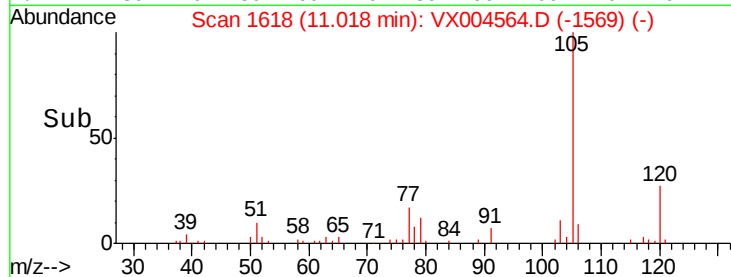
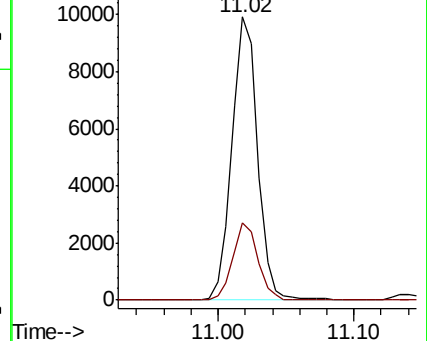
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.43 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

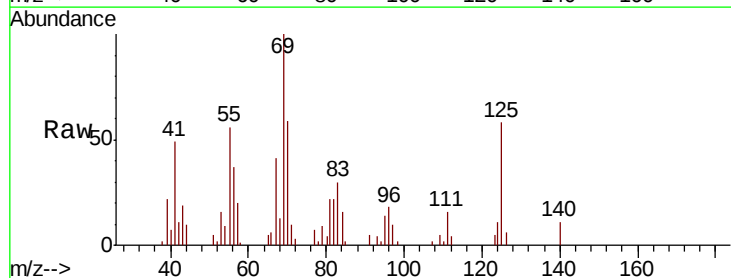
Tgt Ion: 83 Resp: 1733

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

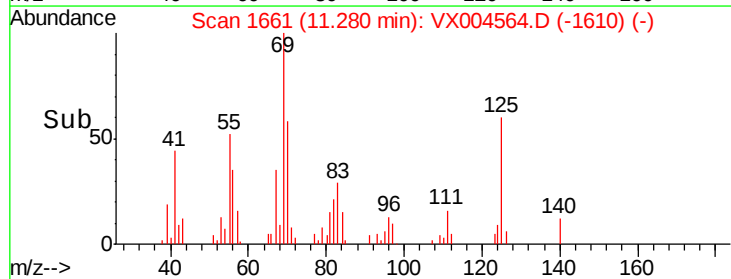
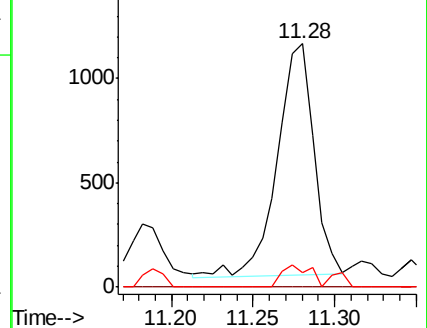
85 7.2 32.3 96.8#

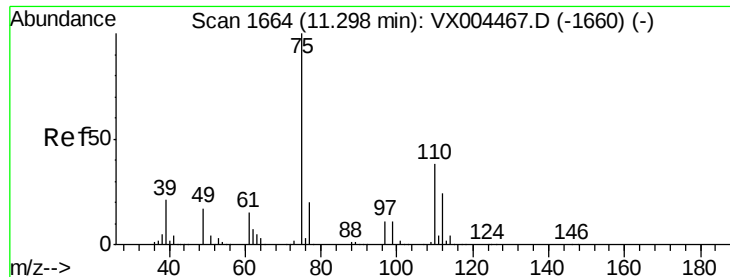


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

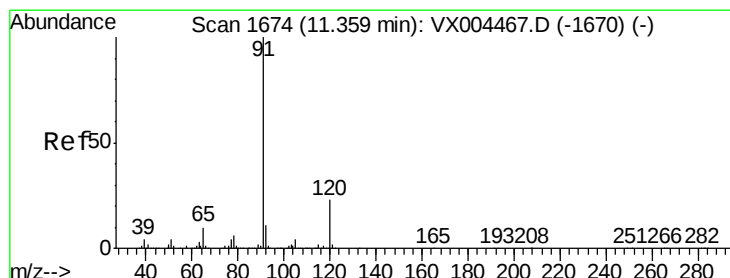
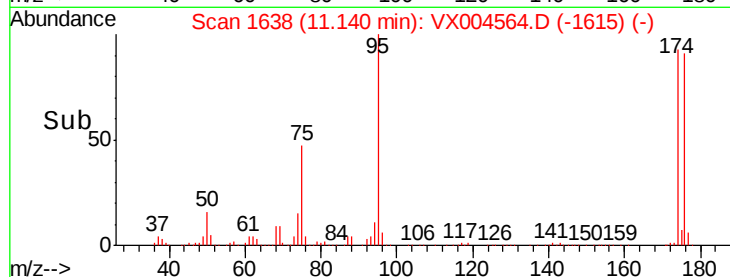
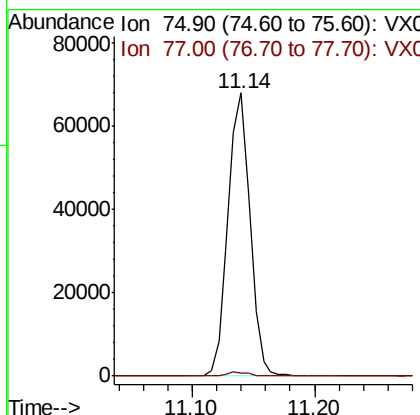
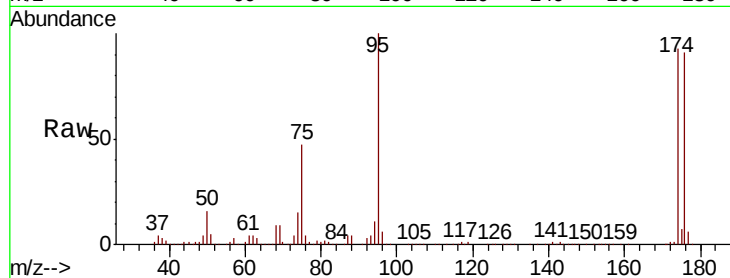




#76
1,2,3-Trichloropropane
Concen: 22.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

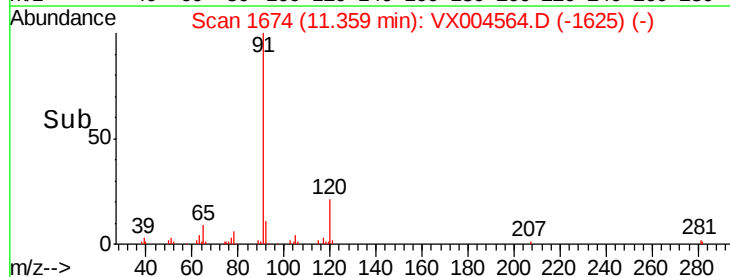
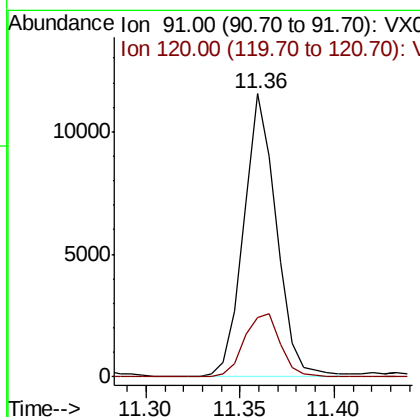
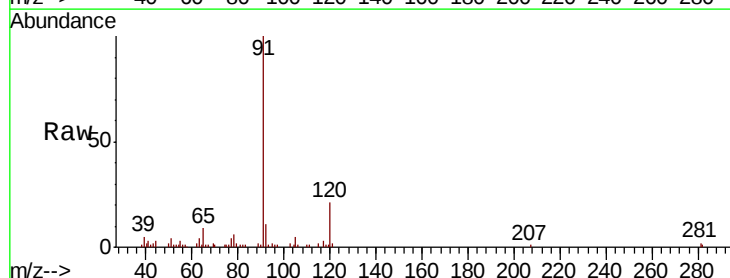
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

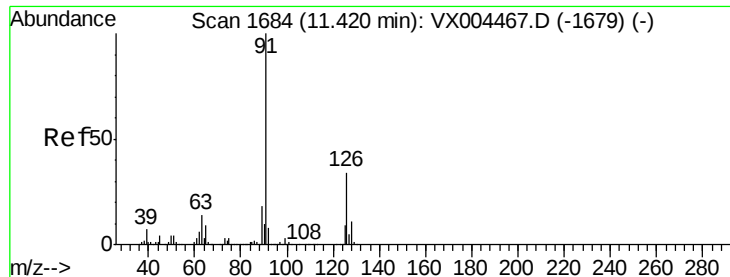
Tot Ion: 75 Resp: 85031
Ion Ratio Lower Upper
75 100
77 1.6 20.2 60.6#



#78
n-propylbenzene
Concen: 0.98 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 91 Resp: 13939
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 1.61 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

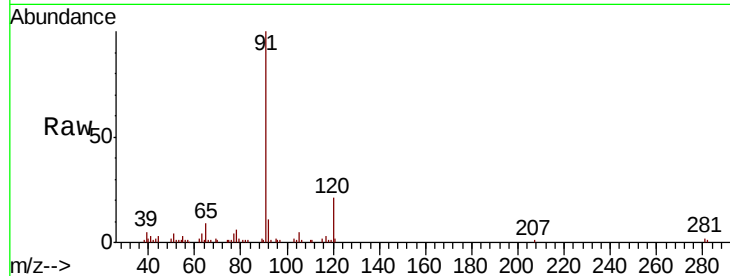
S13-0254

Tot Ion: 91 Resp: 13939

Ion Ratio Lower Upper

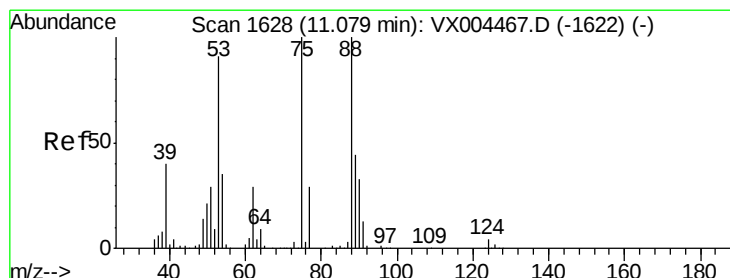
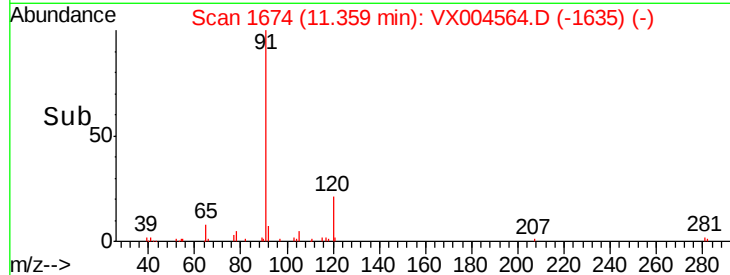
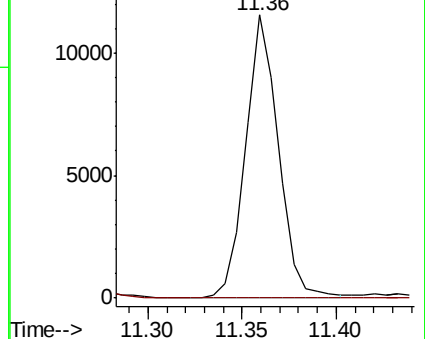
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 71.59 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

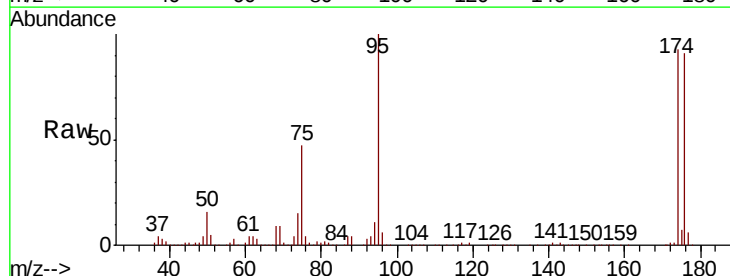
Tgt Ion: 75 Resp: 85031

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

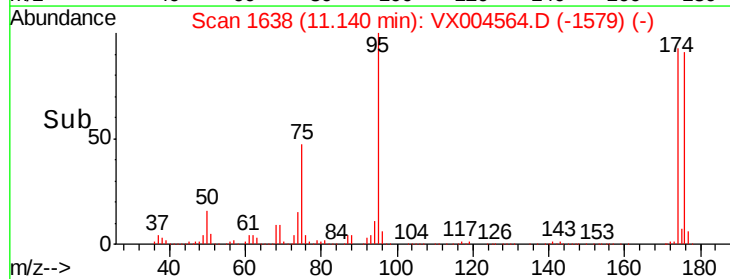
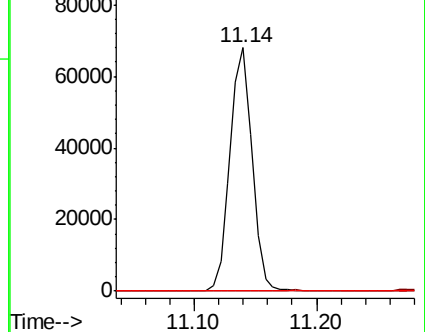
89 0.0 37.2 55.8#

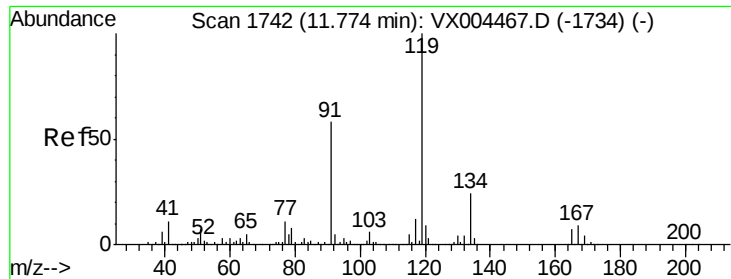


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

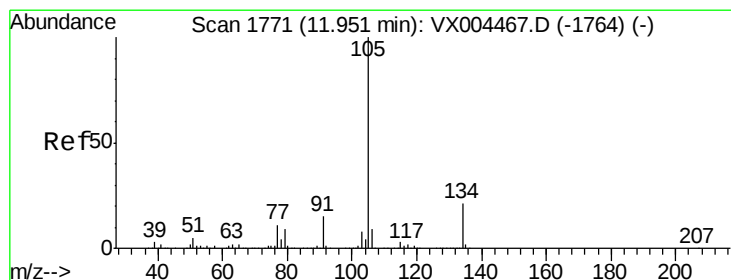
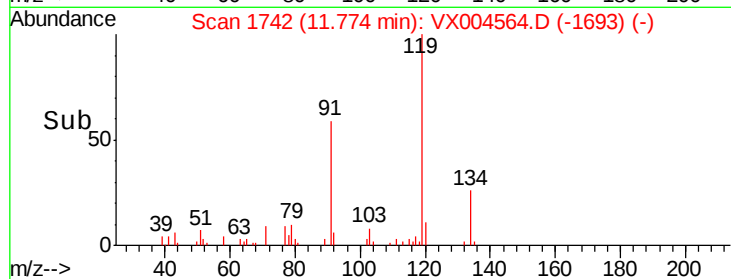
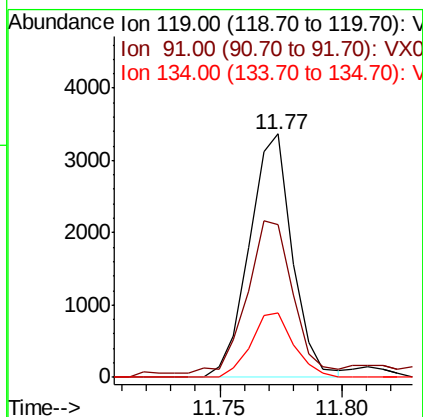
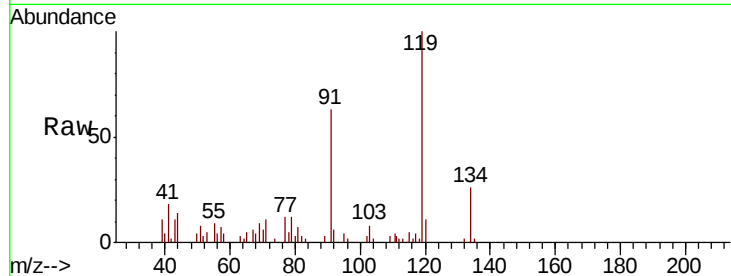




#83
tert-Butylbenzene
Concen: 0.42 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

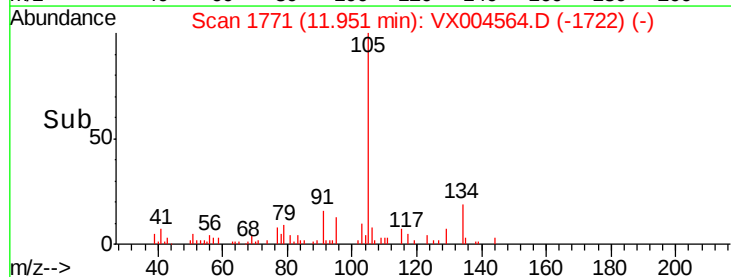
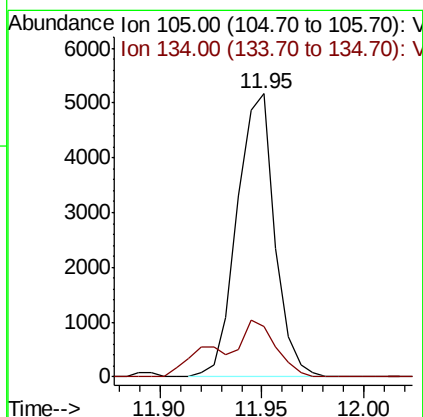
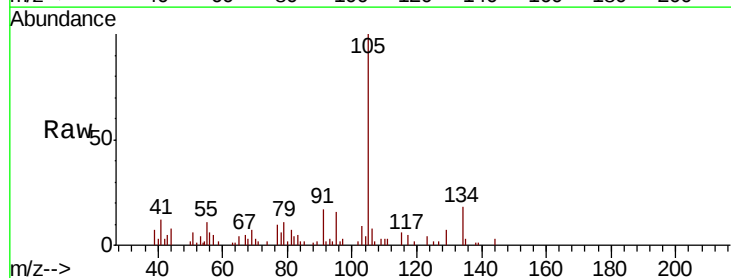
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

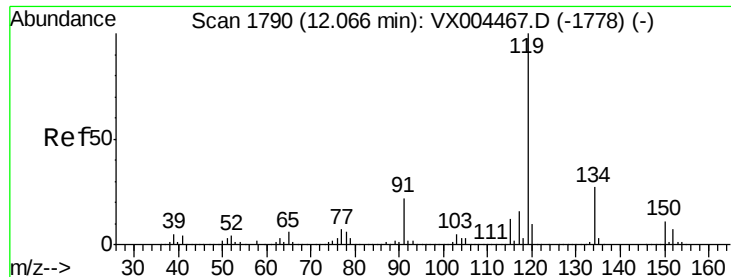
Tot Ion	Ratio	Lower	Upper
119	100		
91	72.8	27.0	81.0
134	26.3	11.7	35.1



#85
sec-Butylbenzene
Concen: 0.52 ug/l
RT: 11.95 min Scan# 1771
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.6	10.5	31.5

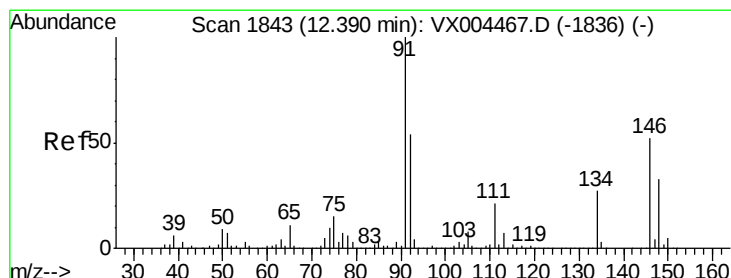
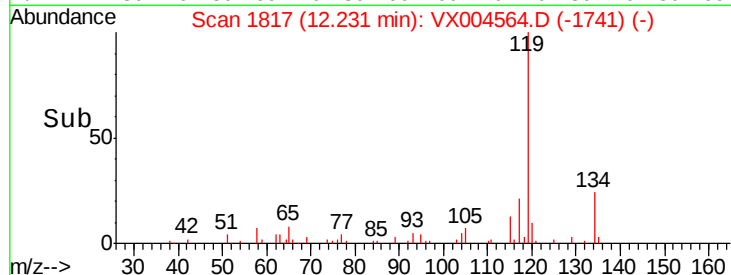
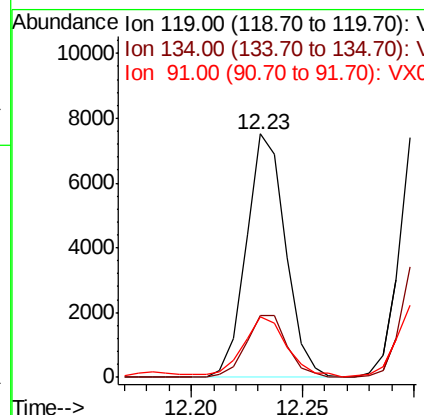
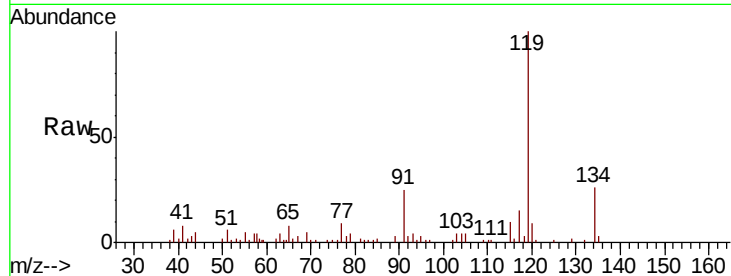




#86
p-Isopropyltoluene
Concen: 0.83 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.16 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

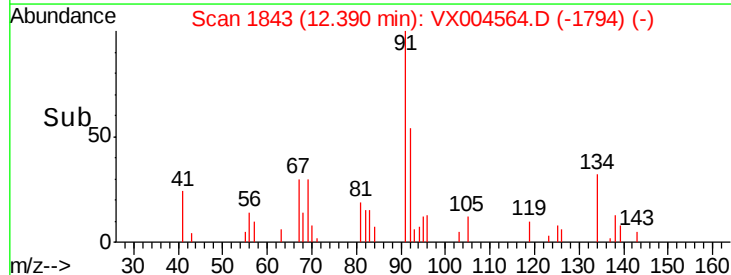
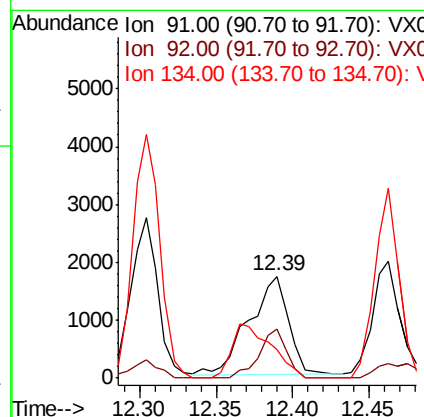
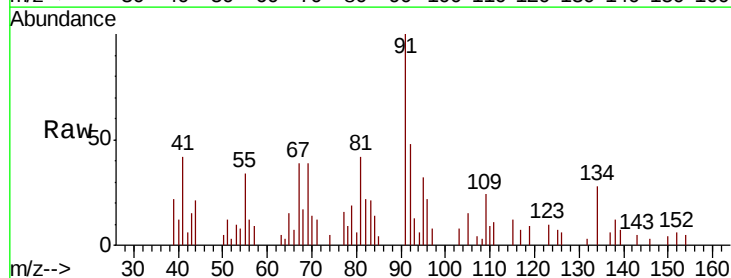
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

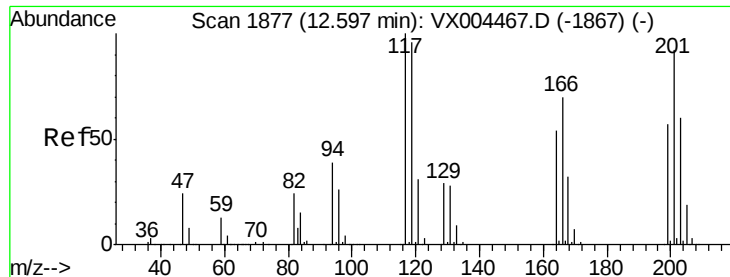
Tot Ion:119 Resp: 9264
Ion Ratio Lower Upper
119 100
134 26.5 13.4 40.2
91 27.9 10.9 32.7



#89
n-Butylbenzene
Concen: 0.30 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 91 Resp: 3036
Ion Ratio Lower Upper
91 100
92 34.7 27.3 81.9
134 0.0 13.6 40.7#





#90

Hexachloroethane

Concen: 1.59 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

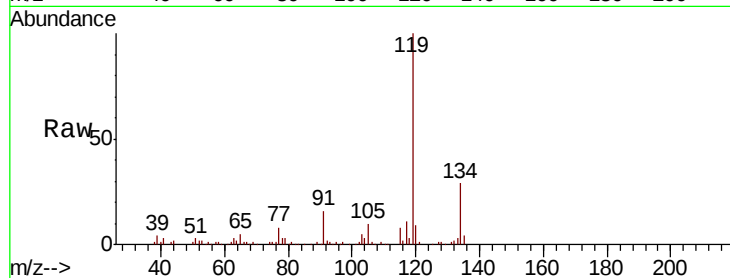
S13-0254

Tot Ion:117 Resp: 2850

Ion Ratio Lower Upper

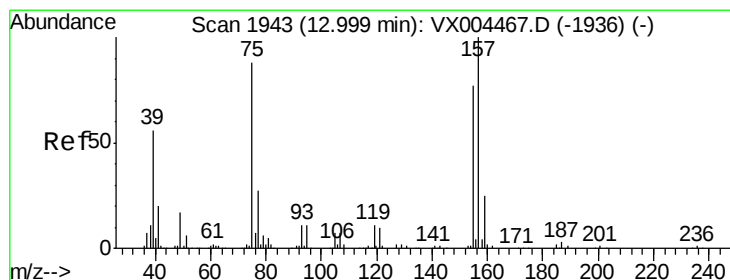
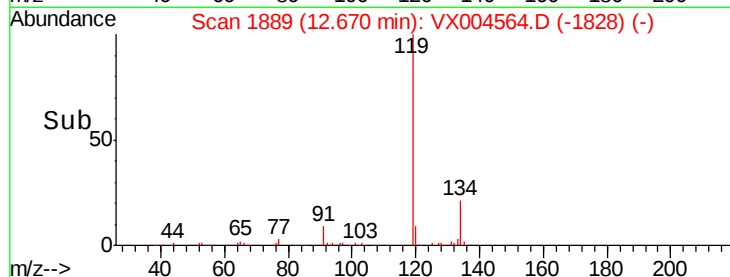
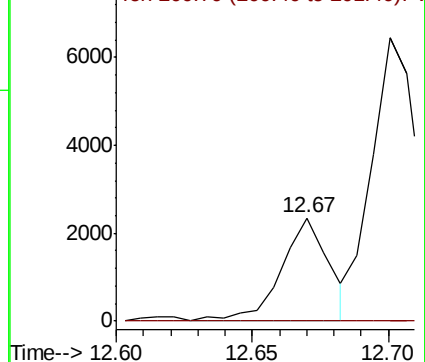
117 100

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: 0.27 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

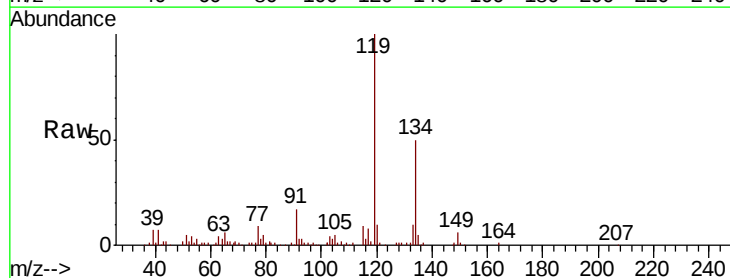
Tgt Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

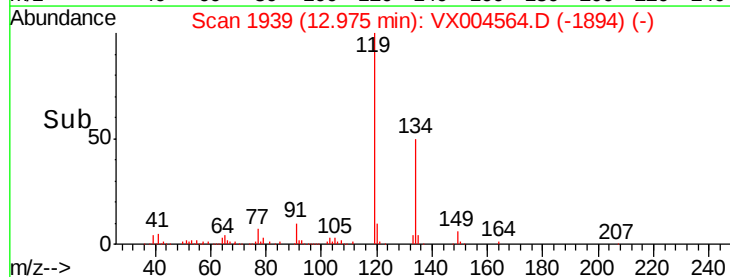
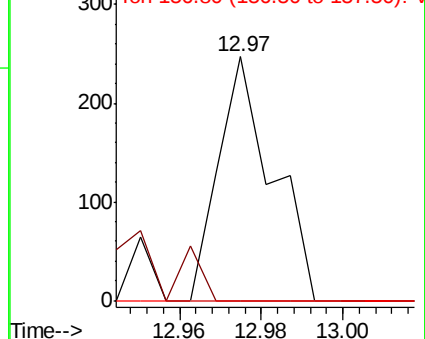
157 0.0 61.4 184.1#

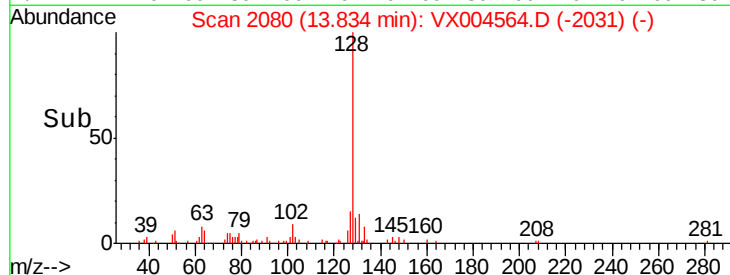
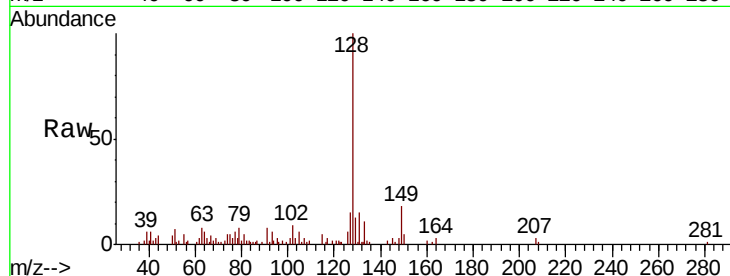
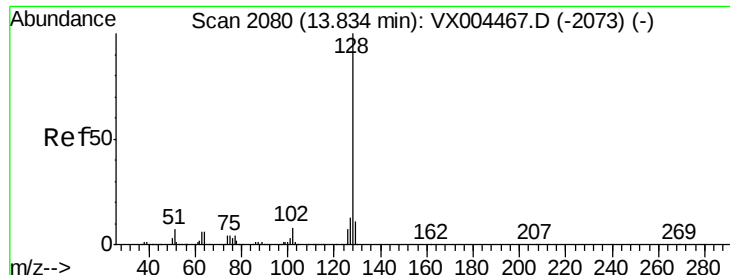


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.77 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

S13-0254

Tot Ion:128 Resp: 9855

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 14.2 8.6 12.8#

