

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004135.D
 Acq On : 17 Aug 2018 16:36
 Operator : JC/MD
 Sample : J4522-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:33:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	394235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213651	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	181421	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.84%		
35) Dibromofluoromethane	5.50	113	153777	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.24%		
50) Toluene-d8	8.71	98	596196	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
62) 4-Bromofluorobenzene	11.14	95	207894	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	5753	1.96	ug/l	90
5) Bromomethane	1.65	94	991	0.44	ug/l	88
6) Chloroethane	1.87	64	247	Below Cal	#	59
9) 1,1,2-Trichlorotrifluoroet	2.39	101	556	0.20	ug/l #	79
10) Methyl Iodide	2.52	142	326	5.11	ug/l #	68
11) Tert butyl alcohol	3.04	59	34163	49.02	ug/l #	73
13) Acrolein	2.28	56	409	11.78	ug/l #	1
14) Allyl chloride	2.85	41	83864	17.06	ug/l #	66
15) Acrylonitrile	3.17	53	12859	7.40	ug/l #	38
16) Acetone	2.40	43	20433	11.36	ug/l #	50
18) Methyl Acetate	2.85	43	207661	51.93	ug/l #	52
19) Methyl tert-butyl Ether	3.20	73	309170	33.96	ug/l #	45
20) Methylene Chloride	2.84	84	3166	0.48	ug/l #	1
22) Diisopropyl ether	3.87	45	13300	1.38	ug/l	93
23) Vinyl Acetate	3.86	43	6960	0.88	ug/l #	71
25) 2-Butanone	4.55	43	7919	2.70	ug/l #	48
27) cis-1,2-Dichloroethene	4.59	96	787	0.24	ug/l #	6
29) Tetrahydrofuran	5.15	42	1247	0.83	ug/l #	56
30) Chloroform	5.27	83	3198	0.60	ug/l	85
31) Cyclohexane	5.72	56	199814	41.77	ug/l #	19
36) 1,1-Dichloropropene	5.66	75	16920	3.77	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22550	5.17	ug/l #	15
39) Methylcyclohexane	7.45	83	10088	1.98	ug/l #	9
40) Benzene	6.15	78	39903	2.96	ug/l	100
43) Isopropyl Acetate	6.35	43	105269	14.62	ug/l #	59
44) Trichloroethene	7.22	130	1832	0.50	ug/l	99
47) Bromodichloromethane	7.85	83	1796	0.42	ug/l #	74
48) Methyl methacrylate	7.85	41	7155	1.97	ug/l	92
51) 4-Methyl-2-Pentanone	8.68	43	5440	0.92	ug/l #	68
55) 1,1,2-Trichloroethane	9.27	97	980	0.28	ug/l #	36
56) Ethyl methacrylate	9.16	69	5804	1.21	ug/l #	1
59) 2-Hexanone	9.52	43	28122	6.33	ug/l	100
60) Dibromochloromethane	9.33	129	1425	0.42	ug/l #	11
64) Tetrachloroethene	9.34	164	1767	0.50	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004135.D
 Acq On : 17 Aug 2018 16:36
 Operator : JC/MD
 Sample : J4522-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:33:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

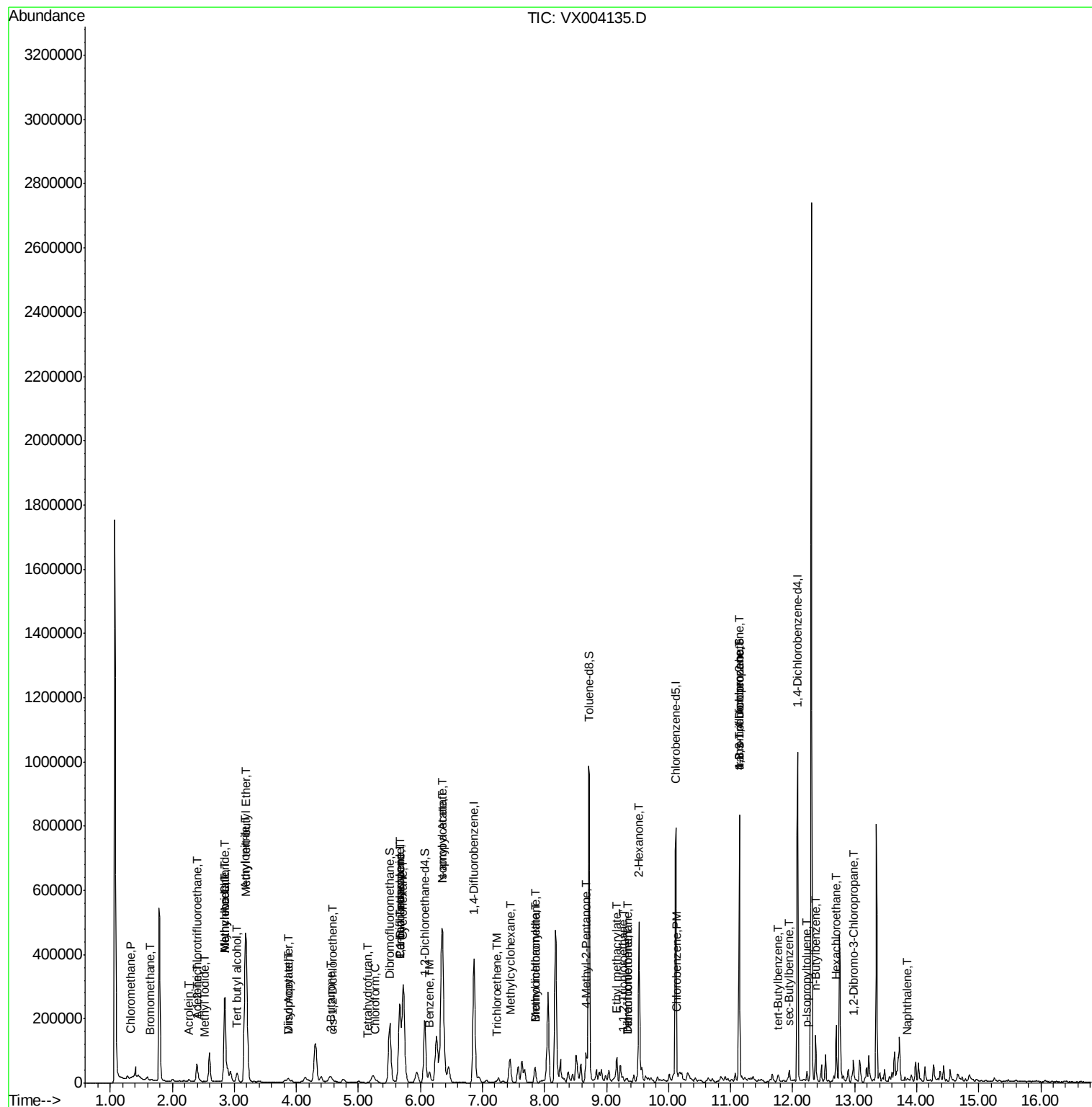
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.14	112	5484	0.57	ug/l	99
74) N-amyl acetate	6.35	43	105269	15.48	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	99852	23.30	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	99852	72.14	ug/l #	10
83) tert-Butylbenzene	11.77	119	3373	0.28	ug/l #	69
85) sec-Butylbenzene	11.94	105	14370	1.03	ug/l #	78
86) p-Isopropyltoluene	12.23	119	12705	1.00	ug/l #	76
89) n-Butylbenzene	12.37	91	13152	1.32	ug/l #	1
90) Hexachloroethane	12.70	117	57131	30.19	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	293	0.33	ug/l #	1
95) Naphthalene	13.83	128	2255	1.29	ug/l #	69

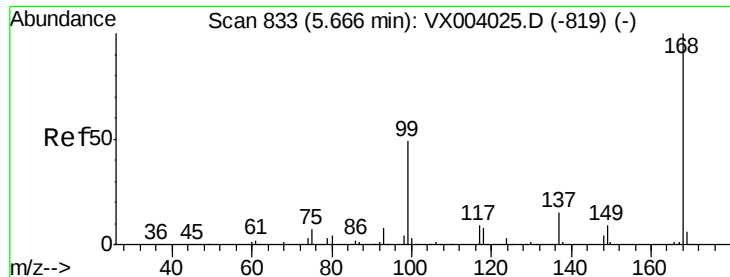
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004135.D
Acq On : 17 Aug 2018 16:36
Operator : JC/MD
Sample : J4522-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 18 01:33:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

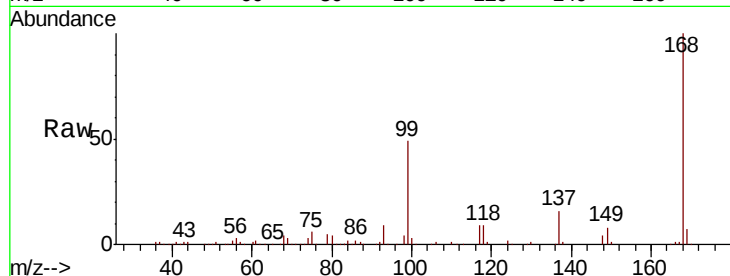
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 245635

Ion Ratio Lower Upper

168 100

99 49.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

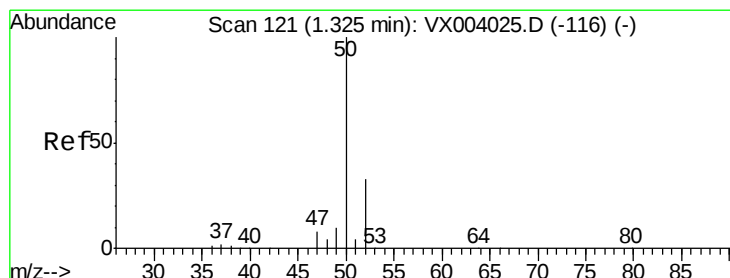
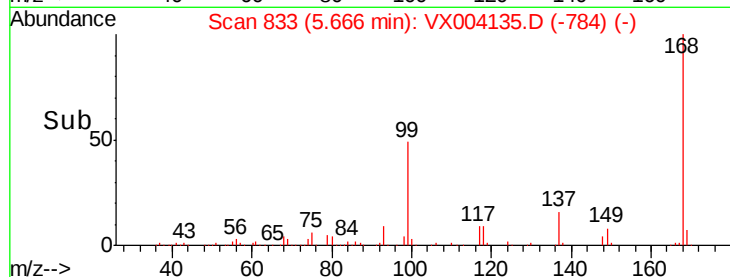
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004135.D

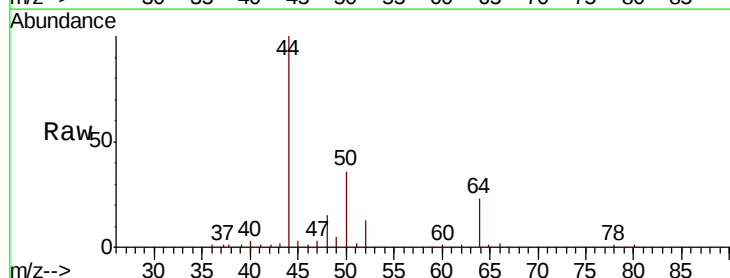
Acq: 17 Aug 2018 16:36

Tgt Ion: 50 Resp: 5753

Ion Ratio Lower Upper

50 100

52 38.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

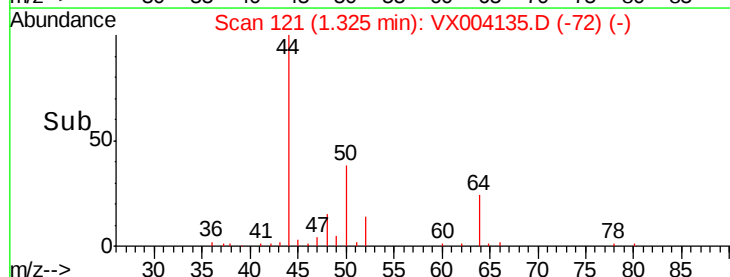
1500

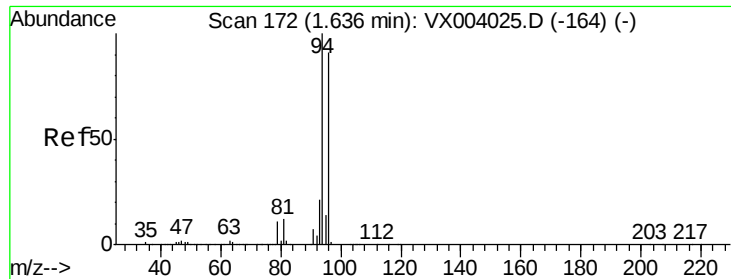
1000

500

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.44 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

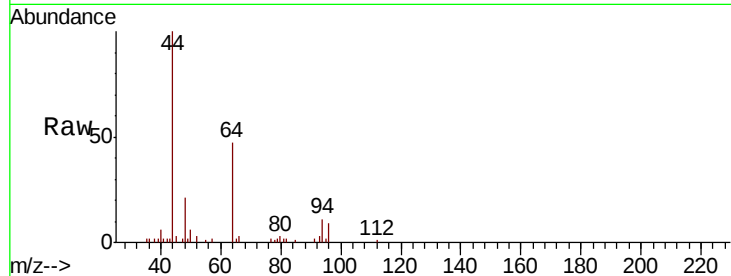
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 991

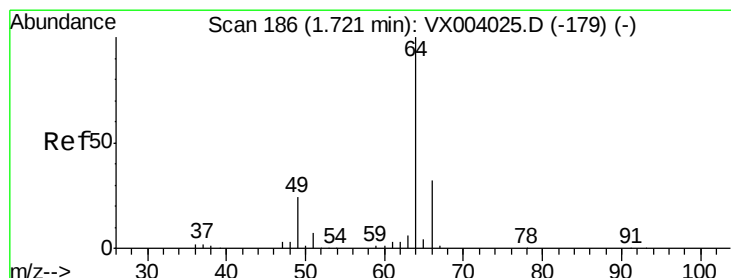
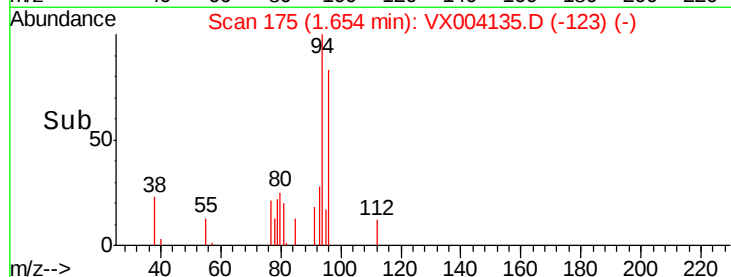
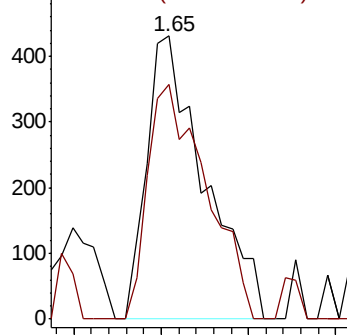
Ion Ratio Lower Upper

94 100

96 82.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.87 min Scan# 211

Delta R.T. 0.15 min

Lab File: VX004135.D

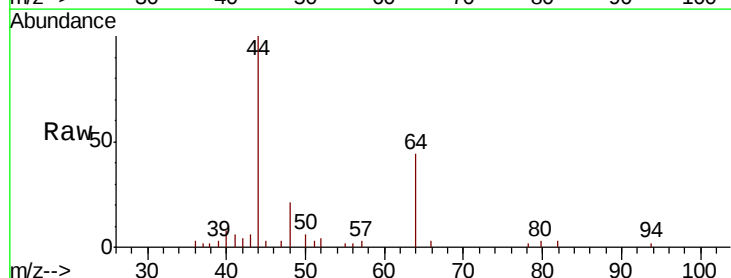
Acq: 17 Aug 2018 16:36

Tgt Ion: 64 Resp: 247

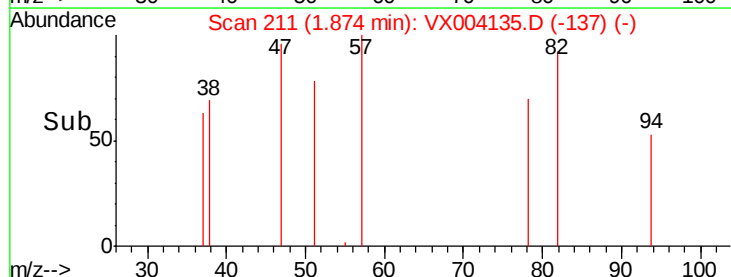
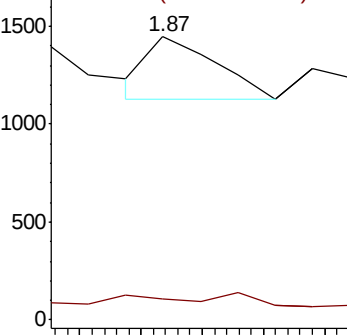
Ion Ratio Lower Upper

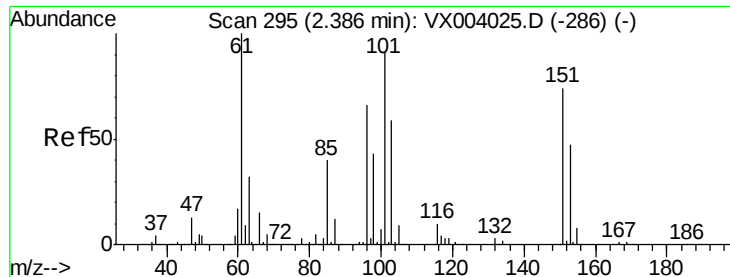
64 100

66 10.0 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.20 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

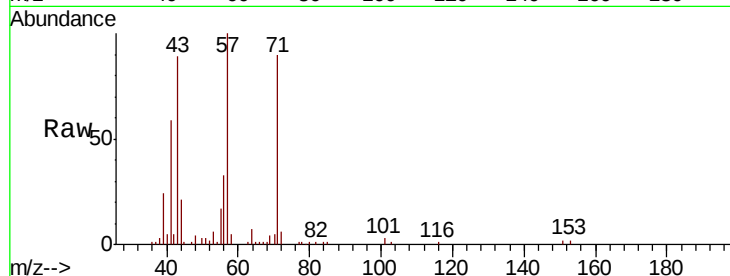
Tot Ion:101 Resp: 556

Ion Ratio Lower Upper

101 100

85 58.5 34.2 51.4#

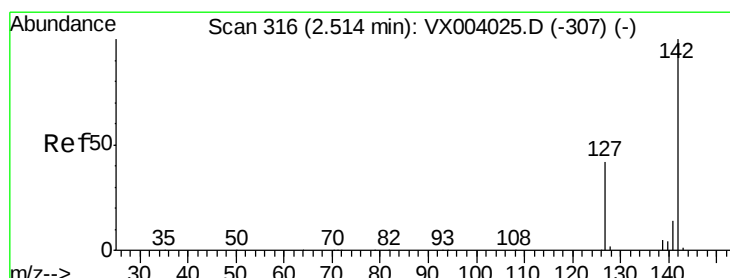
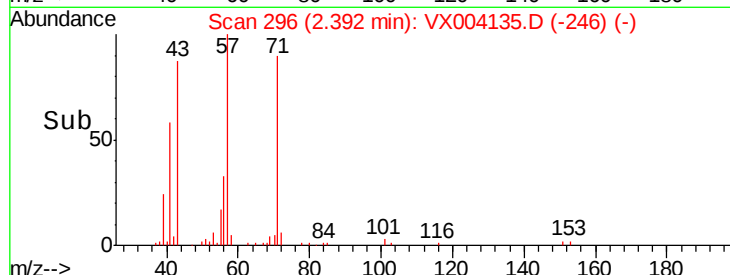
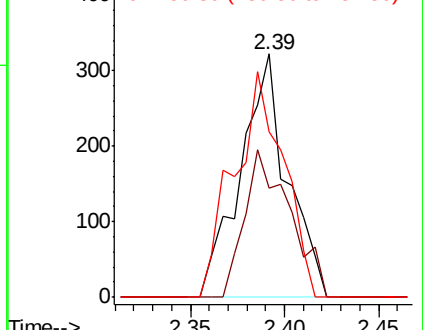
151 98.0 65.0 97.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.11 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

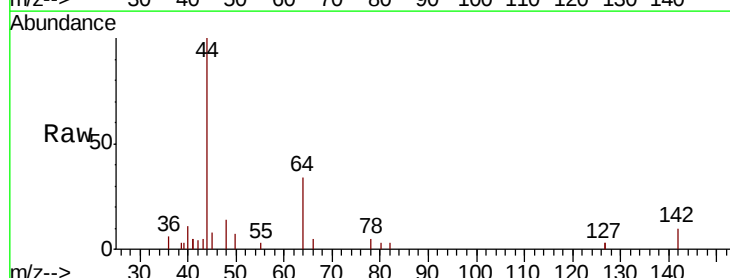
Tgt Ion:142 Resp: 326

Ion Ratio Lower Upper

142 100

127 21.5 33.1 49.7#

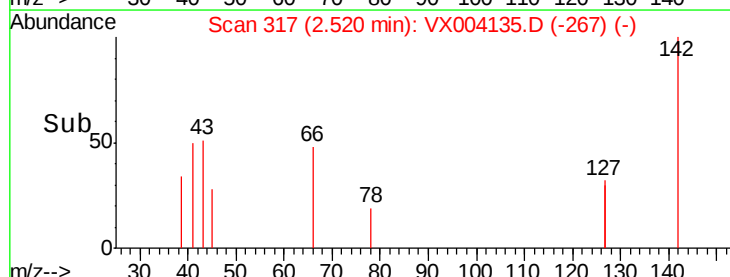
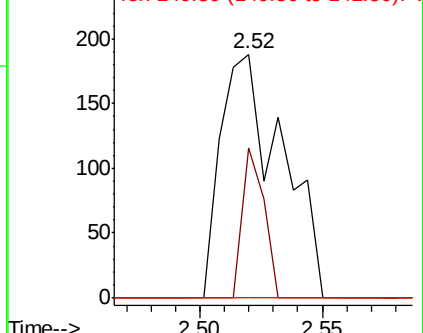
141 0.0 11.1 16.7#

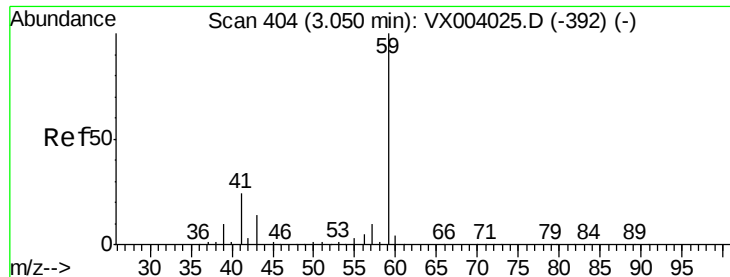


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

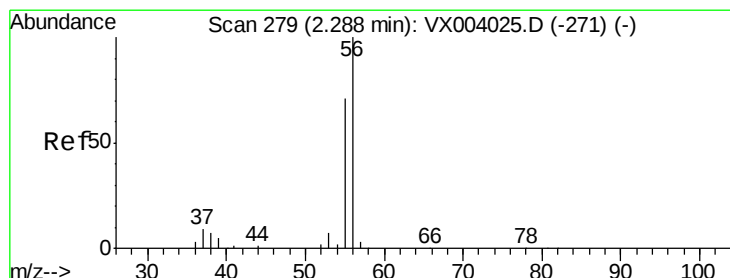
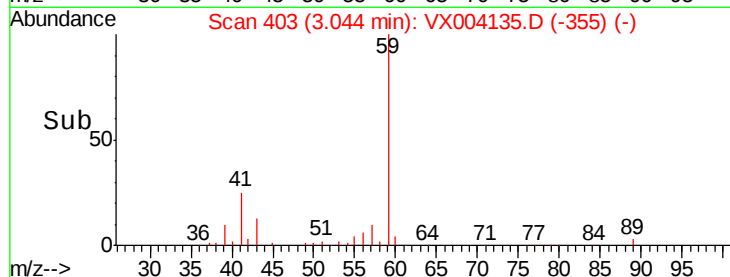
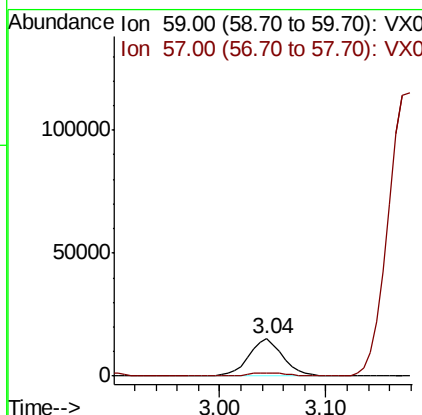
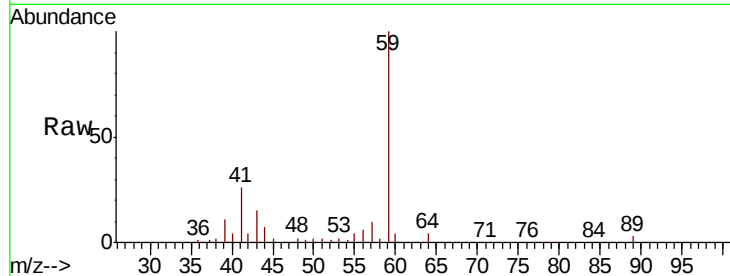




#11
Tert butyl alcohol
Concen: 49.02 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

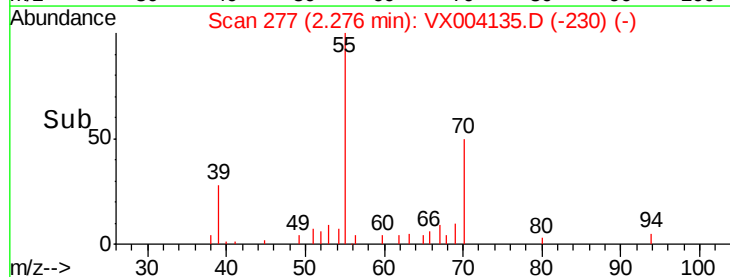
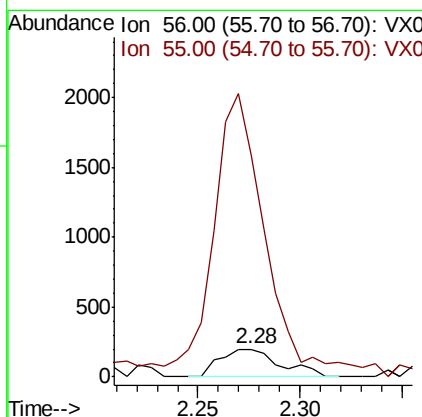
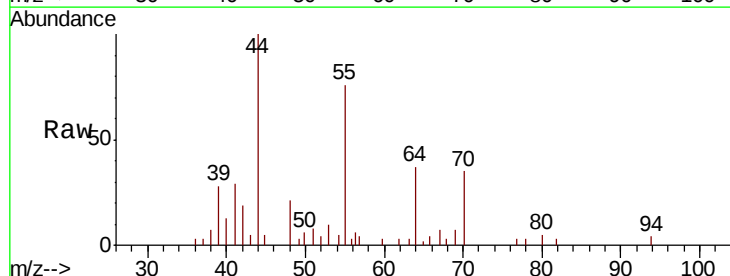
Instrument :
MSVOA_X
ClientSampled :

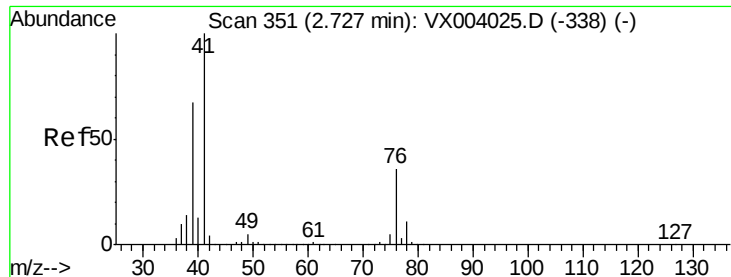
Tot Ion: 59 Resp: 34163
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 11.78 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
55 882.4 56.1 84.1#

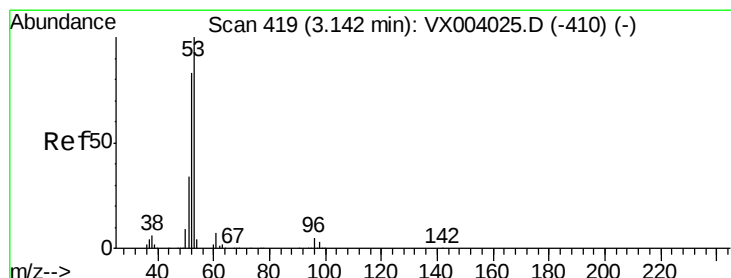
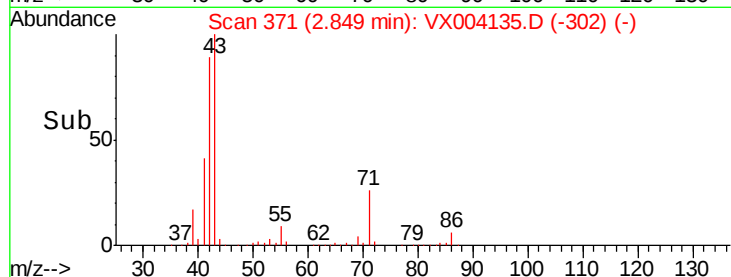
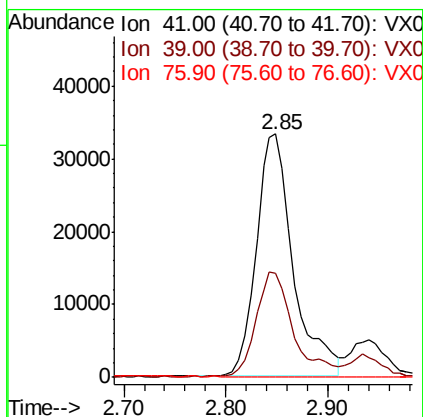
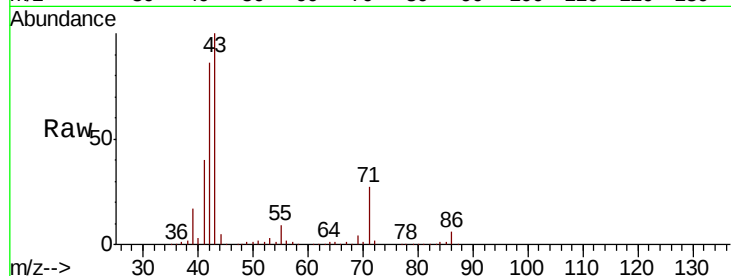




#14
Allvl chloride
Concen: 17.06 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.12 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

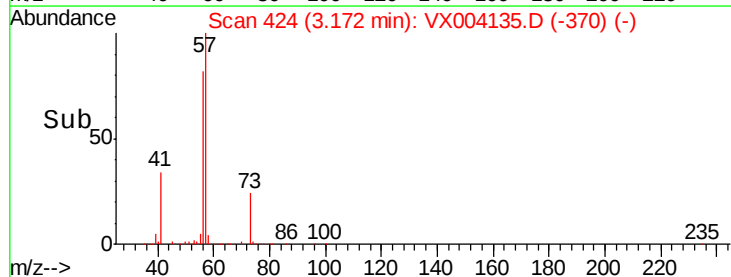
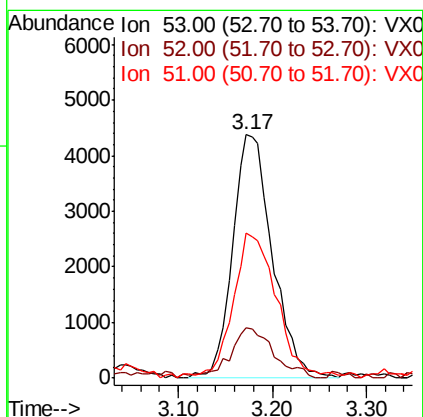
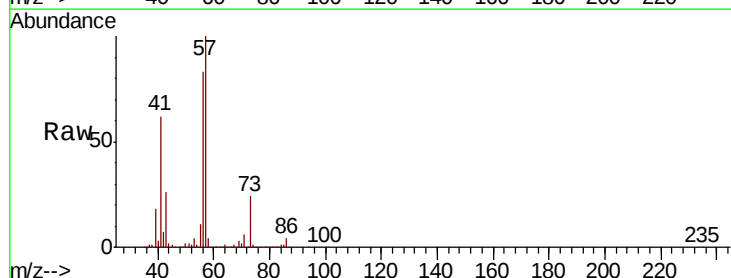
Instrument :
MSVOA_X
ClientSampleId :

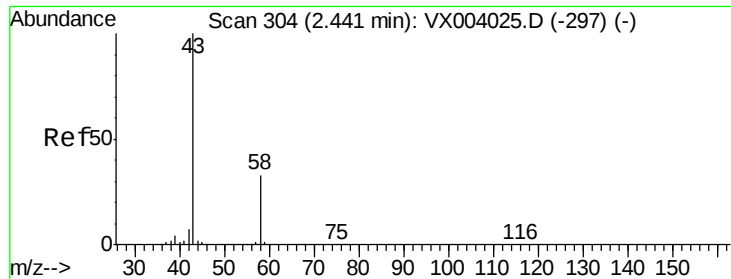
Tot Ion: 41 Resp: 83864
Ion Ratio Lower Upper
41 100
39 43.8 47.4 71.0#
76 0.1 26.0 39.0#



#15
Acrylonitrile
Concen: 7.40 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.03 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 53 Resp: 12859
Ion Ratio Lower Upper
53 100
52 23.1 65.3 97.9#
51 65.6 27.9 41.9#





#16

Acetone

Concen: 11.36 ug/l

RT: 2.40 min Scan# 297

Delta R.T. -0.04 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

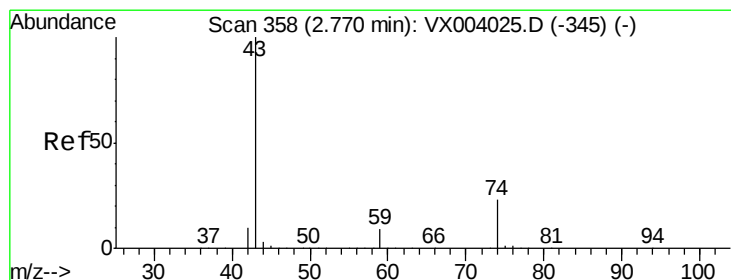
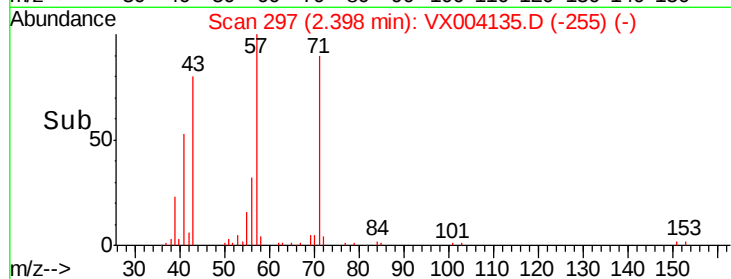
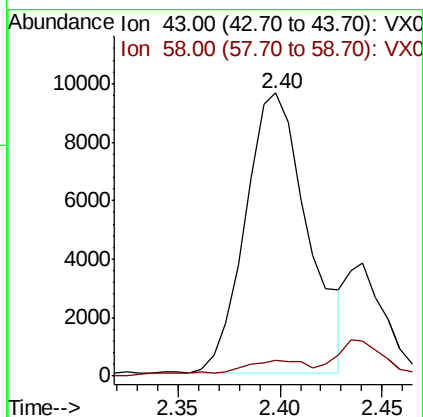
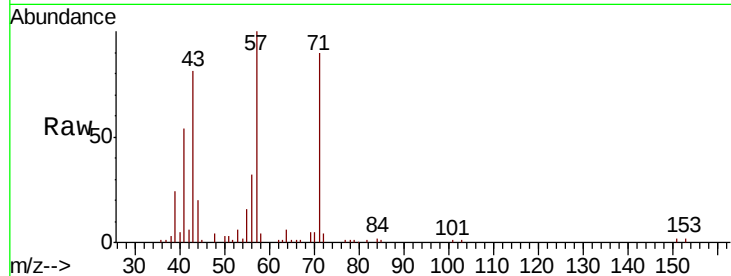
ClientSampled :

Tot Ion: 43 Resp: 20433

Ion Ratio Lower Upper

43 100

58 4.6 26.4 39.6#



#18

Methyl Acetate

Concen: 51.93 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.08 min

Lab File: VX004135.D

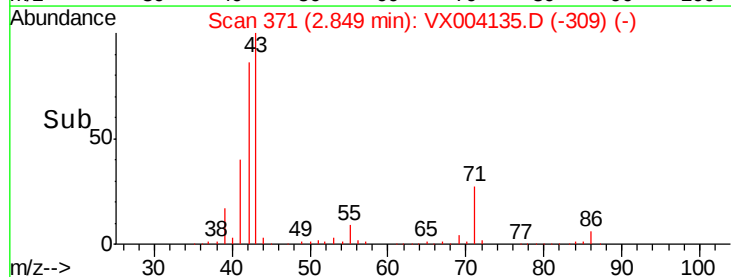
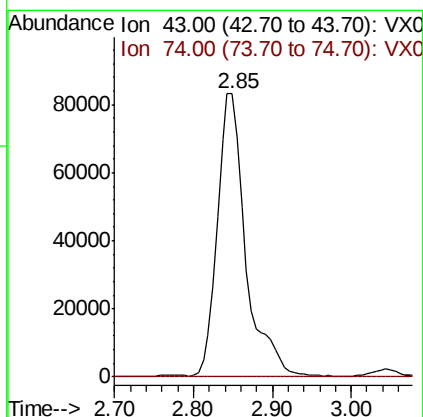
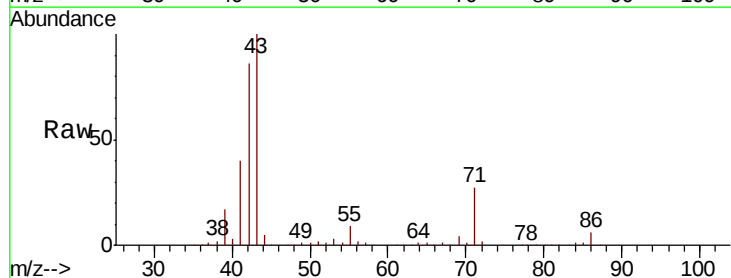
Acq: 17 Aug 2018 16:36

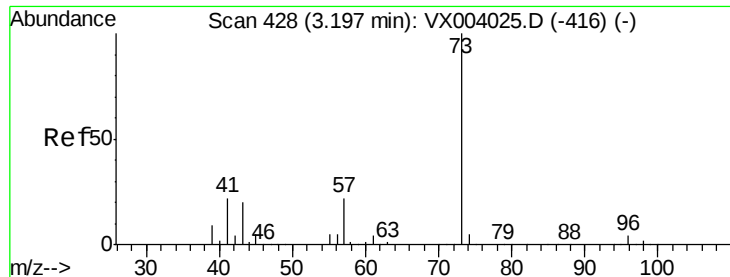
Tgt Ion: 43 Resp: 207661

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#

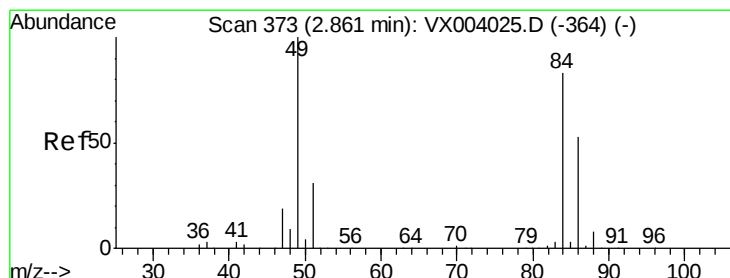
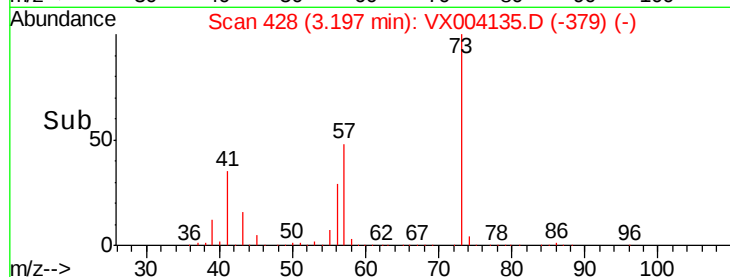
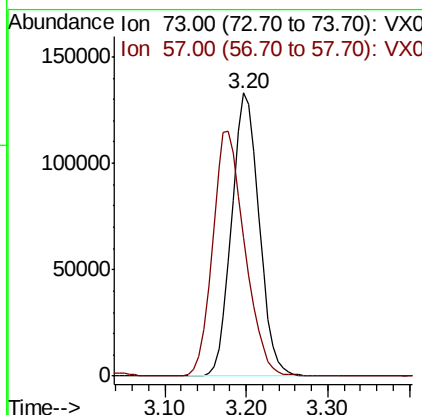
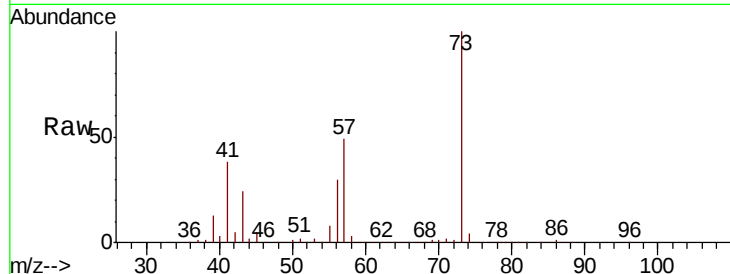




#19
Methvl tert-butvl Ether
Concen: 33.96 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

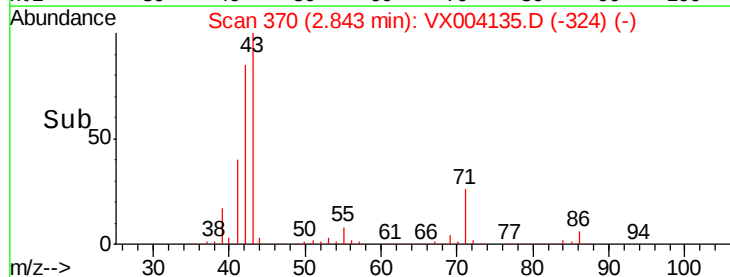
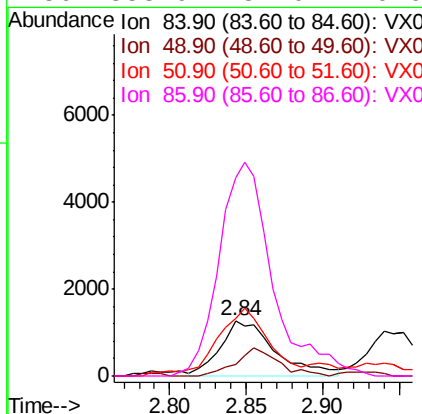
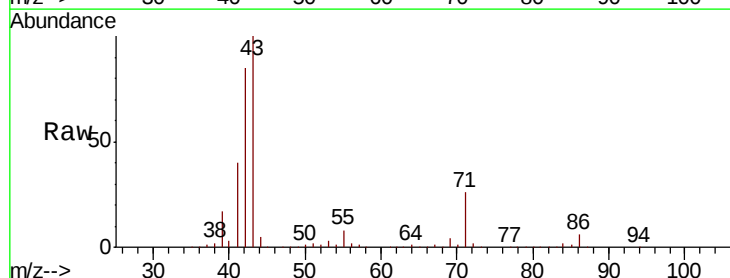
Instrument :
MSVOA_X
ClientSampled :

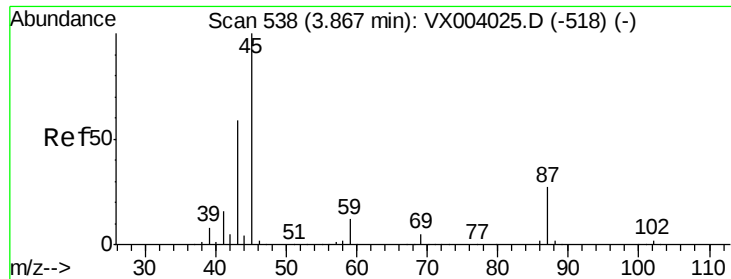
Tot Ion: 73 Resp: 309170
Ion Ratio Lower Upper
73 100
57 48.8 18.0 27.0#



#20
Methylene Chloride
Concen: 0.48 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 84 Resp: 3166
Ion Ratio Lower Upper
84 100
49 22.3 98.9 148.3#
51 96.6 29.9 44.9#
86 358.9 51.0 76.6#

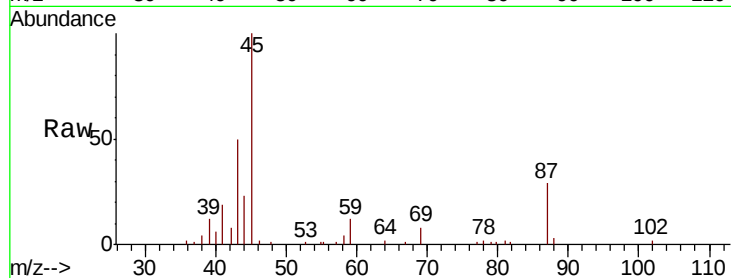




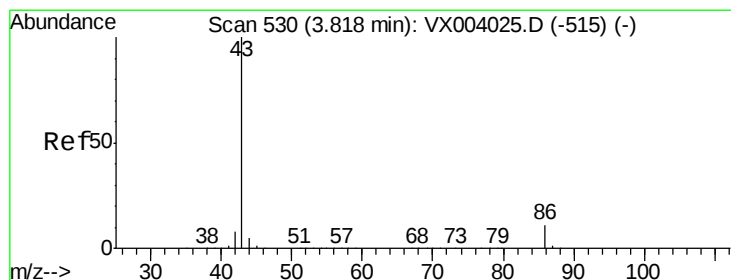
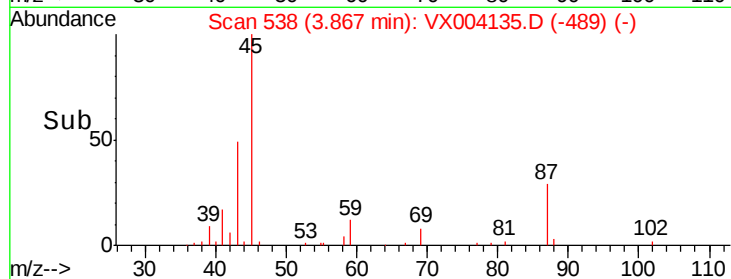
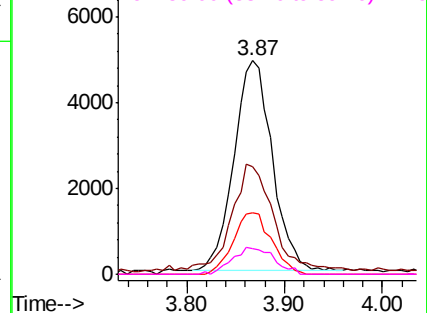
#22
Diisopropyl ether
Concen: 1.38 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	45	Resp:	13300
Ion	Ratio	Lower	Upper
45	100		
43	48.3	45.3	67.9
87	29.2	22.7	34.1
59	12.4	9.6	14.4

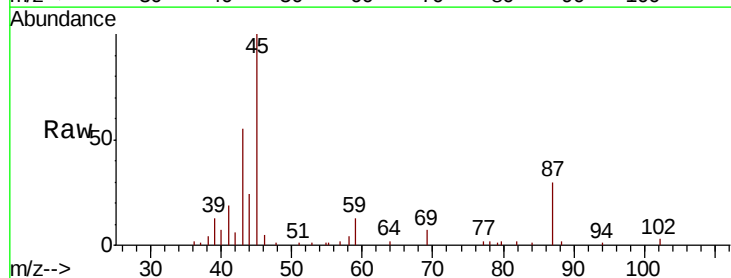


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

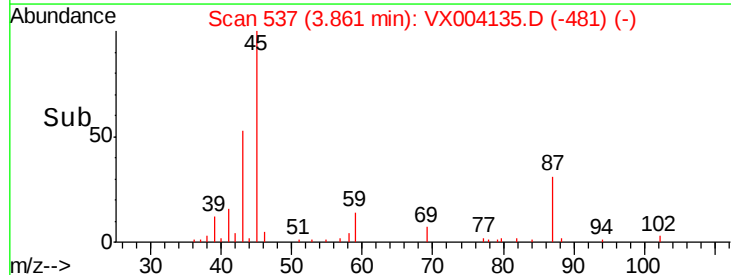
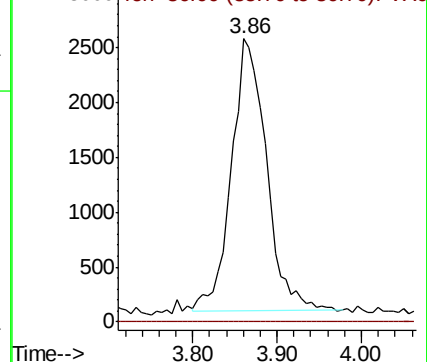


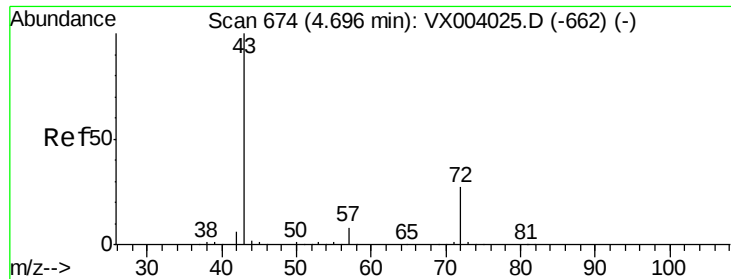
#23
Vinyl Acetate
Concen: 0.88 ug/l
RT: 3.86 min Scan# 537
Delta R.T. 0.04 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion:	43	Resp:	6960
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 2.70 ug/l

RT: 4.55 min Scan# 650

Delta R.T. -0.15 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

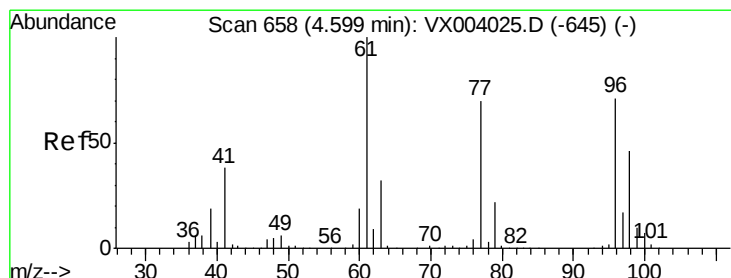
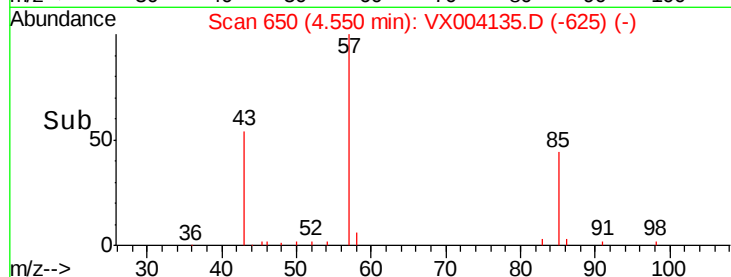
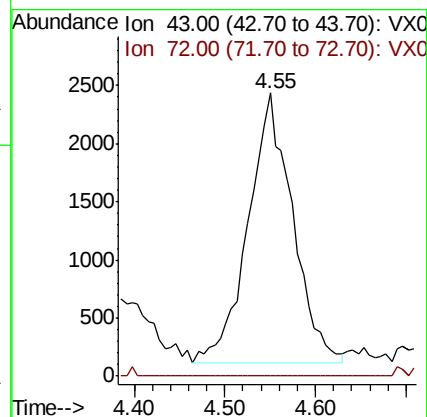
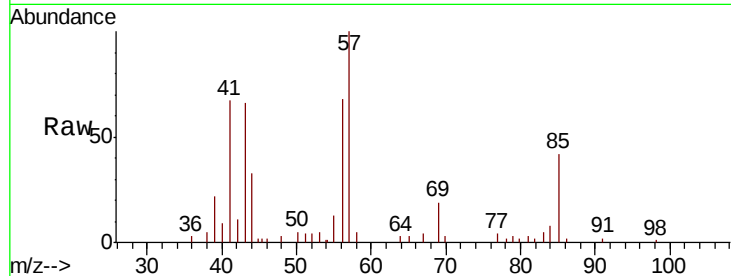
ClientSampleId :

Tot Ion: 43 Resp: 7919

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#27

cis-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

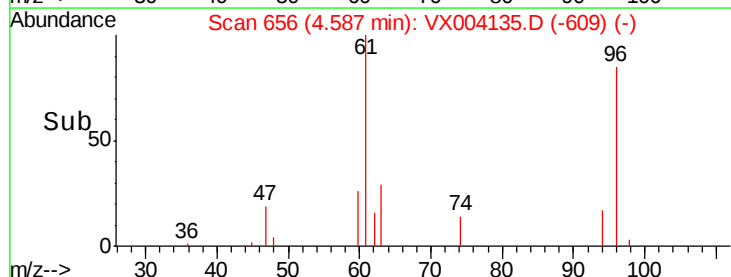
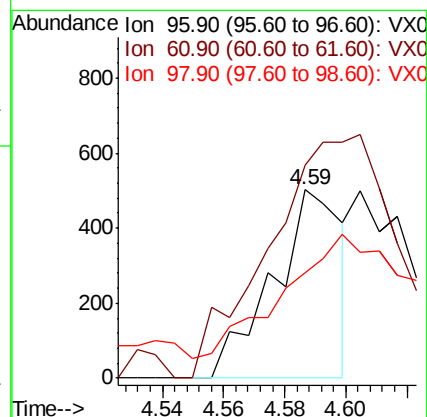
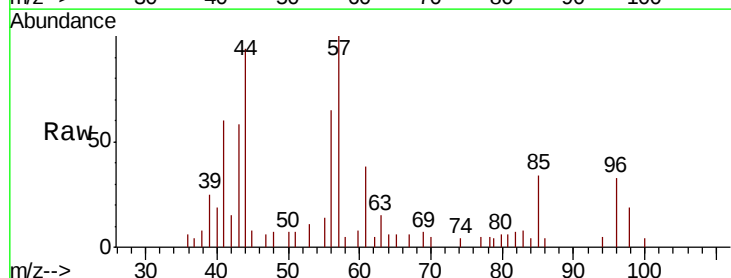
Tgt Ion: 96 Resp: 787

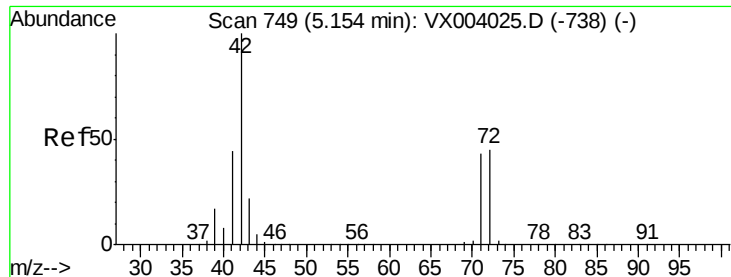
Ion Ratio Lower Upper

96 100

61 250.6 0.0 293.0

98 160.5 0.0 131.8#

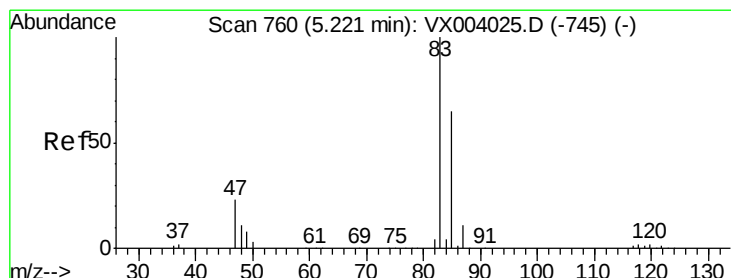
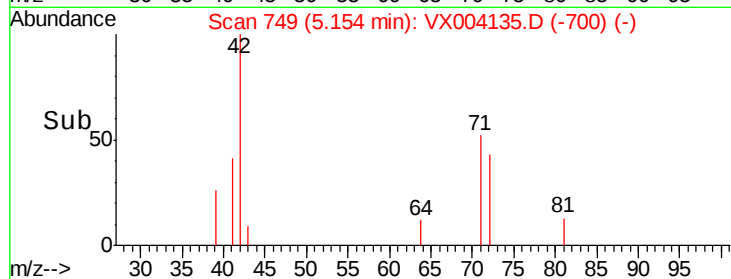
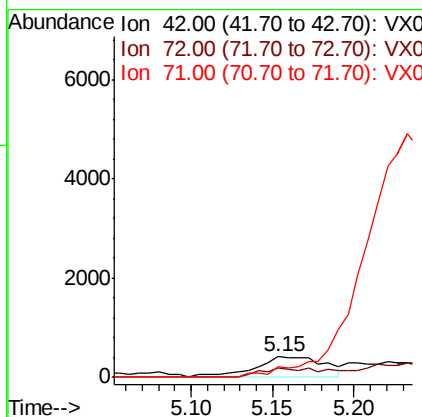
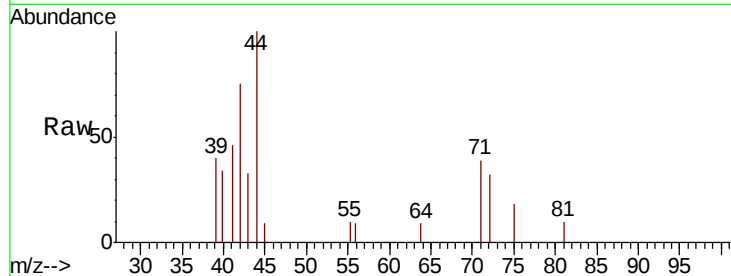




#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

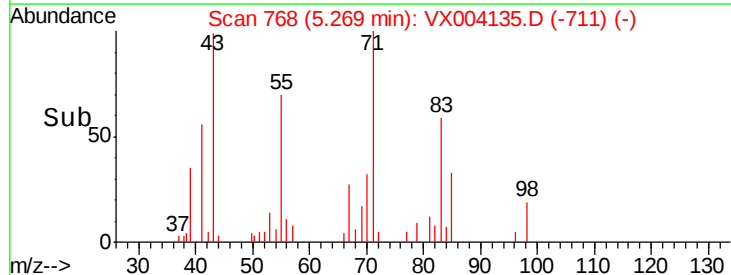
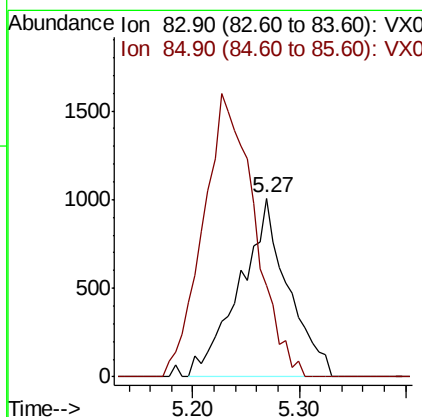
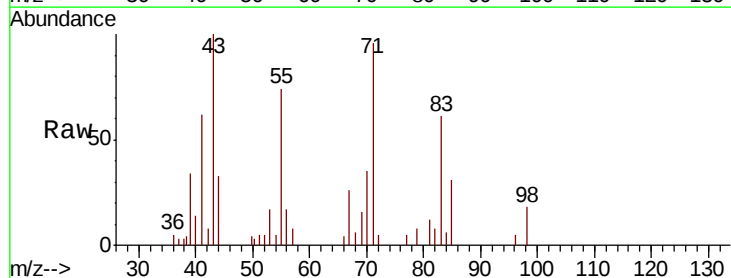
Instrument :
MSVOA_X
ClientSampleId :

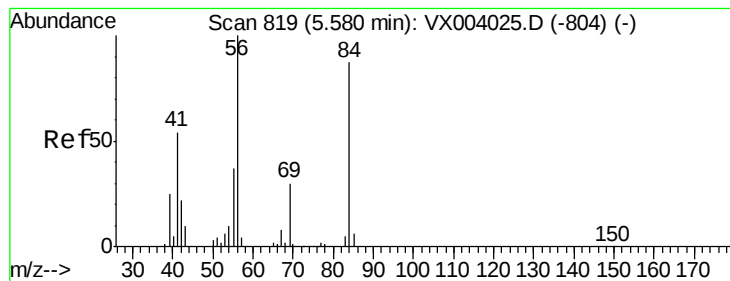
Tot Ion: 42 Resp: 1247
Ion Ratio Lower Upper
42 100
72 32.6 37.7 56.5#
71 0.0 35.0 52.6#



#30
Chloroform
Concen: 0.60 ug/l
RT: 5.27 min Scan# 768
Delta R.T. 0.05 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 83 Resp: 3198
Ion Ratio Lower Upper
83 100
85 51.5 50.7 76.1





#31

Cyclohexane

Concen: 41.77 ug/l

RT: 5.72 min Scan# 842

Delta R.T. 0.14 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

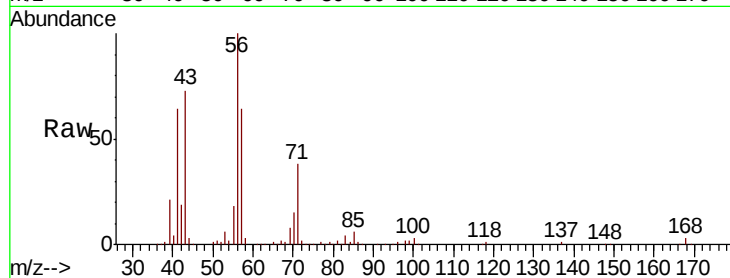
Tot Ion: 56 Resp: 199814

Ion Ratio Lower Upper

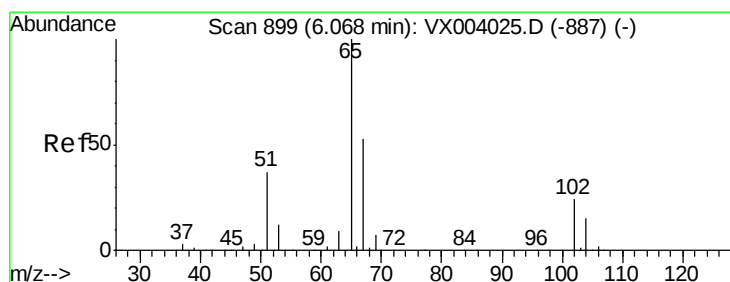
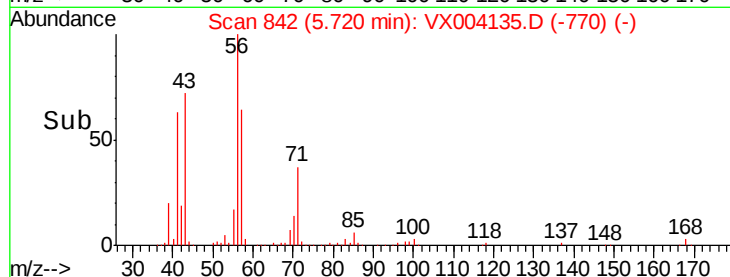
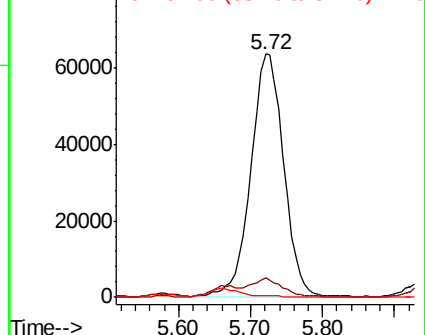
56 100

69 7.6 24.9 37.3#

84 0.6 71.7 107.5#



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: 52.42 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004135.D

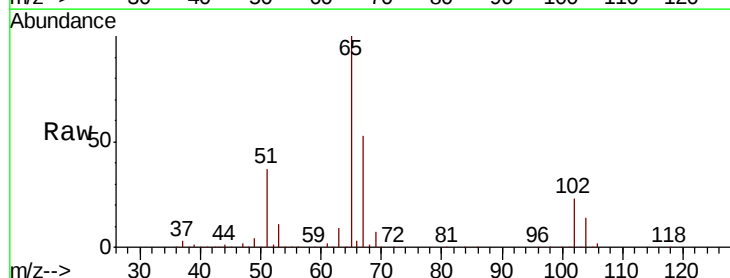
Acq: 17 Aug 2018 16:36

Tgt Ion: 65 Resp: 181421

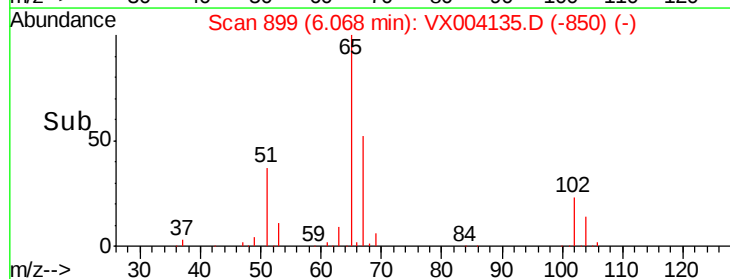
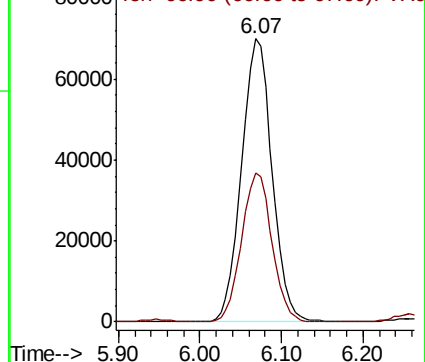
Ion Ratio Lower Upper

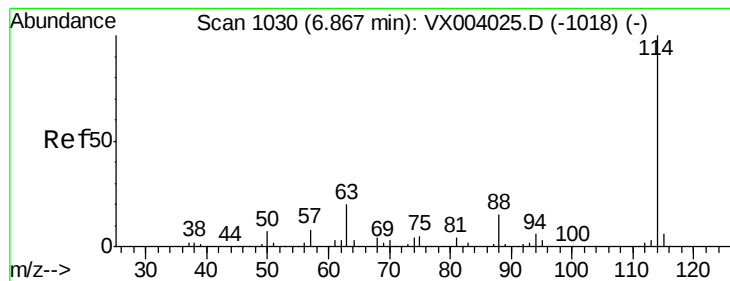
65 100

67 52.6 0.0 105.8



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

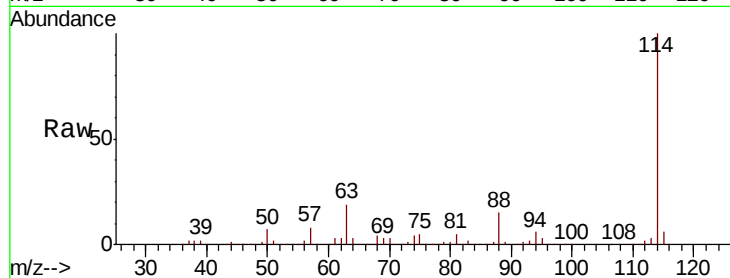
Tot Ion:114 Resp: 394235

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

88 15.1 0.0 32.0



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

6.87

200000

150000

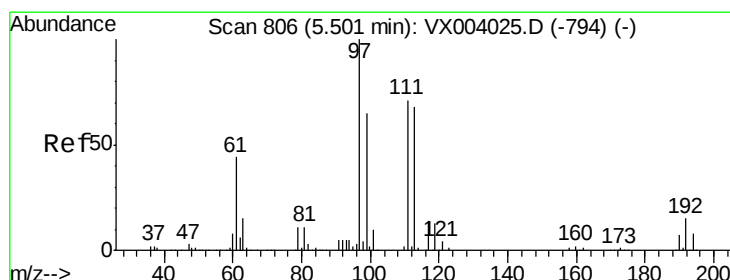
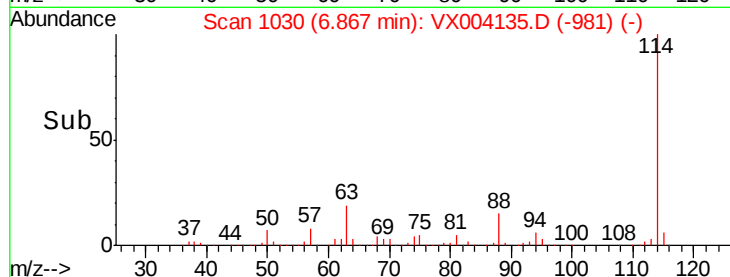
100000

50000

0

6.80 7.00

Time-->



#35

Dibromofluoromethane

Concen: 52.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

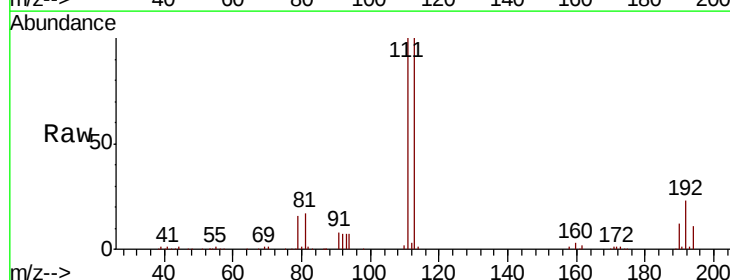
Tgt Ion:113 Resp: 153777

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 23.8 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50

60000

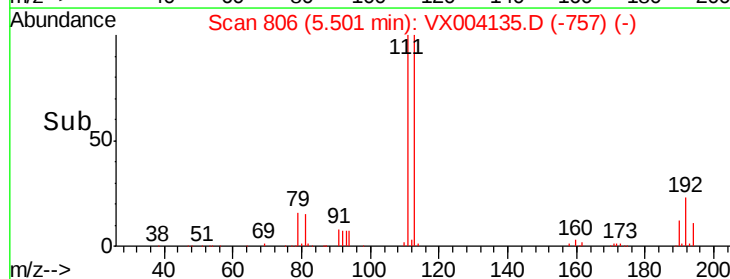
40000

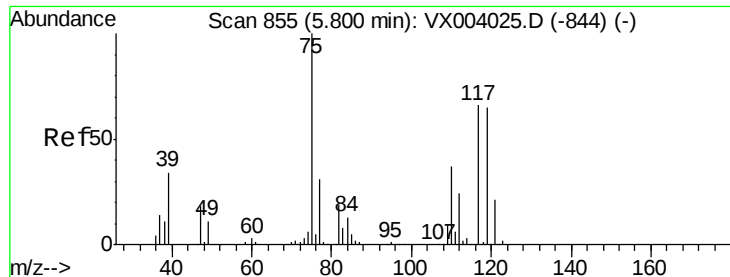
20000

0

5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 3.77 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

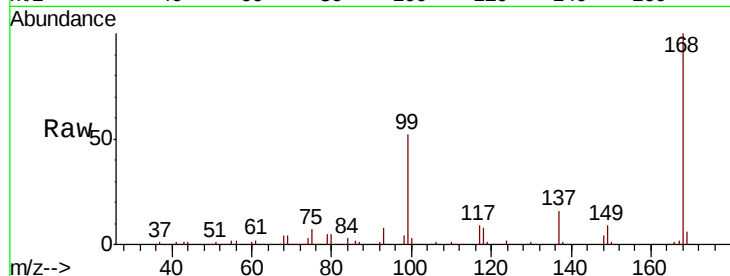
Tot Ion: 75 Resp: 16920

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

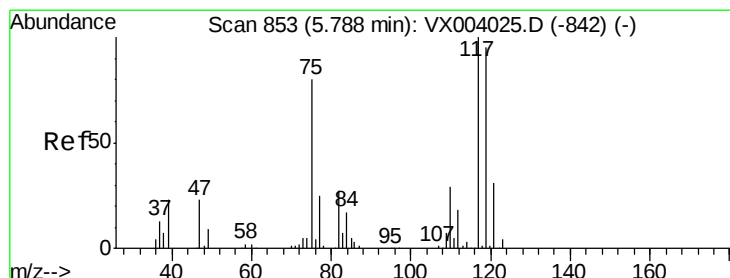
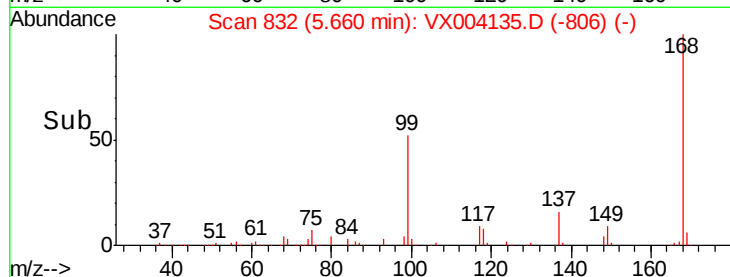
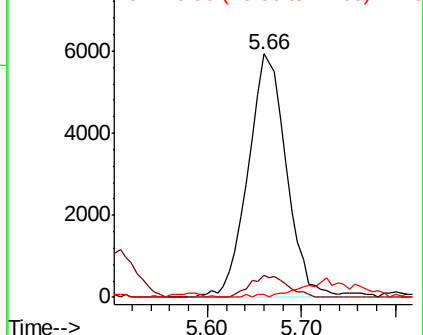
77 0.5 25.0 37.4#



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: 5.17 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

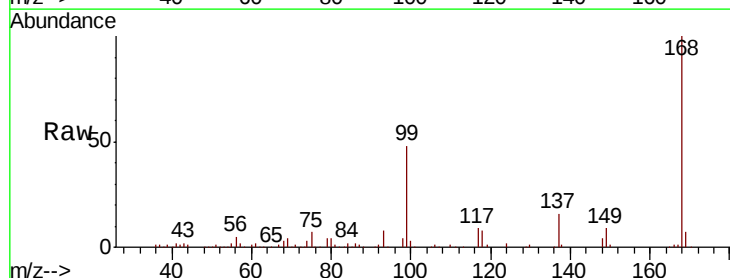
Tgt Ion: 117 Resp: 22550

Ion Ratio Lower Upper

117 100

119 6.0 79.5 119.3#

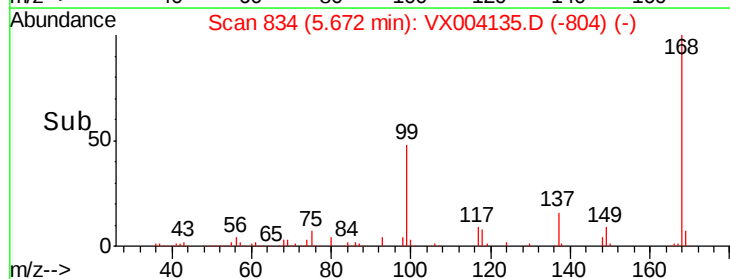
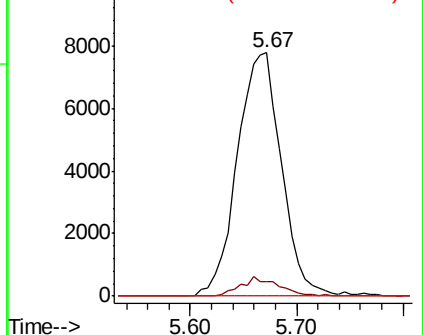
121 0.0 25.0 37.4#

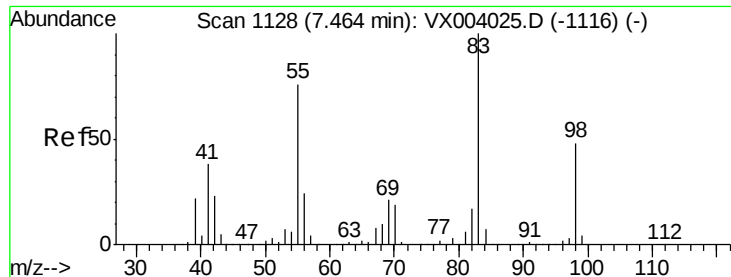


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

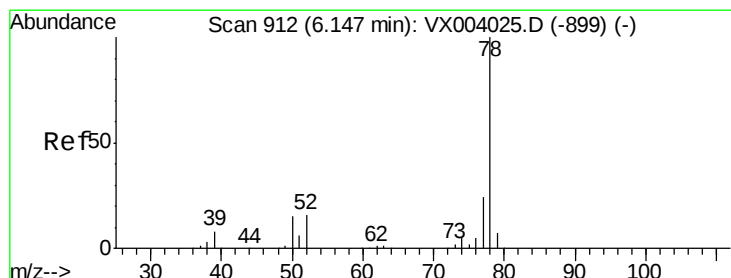
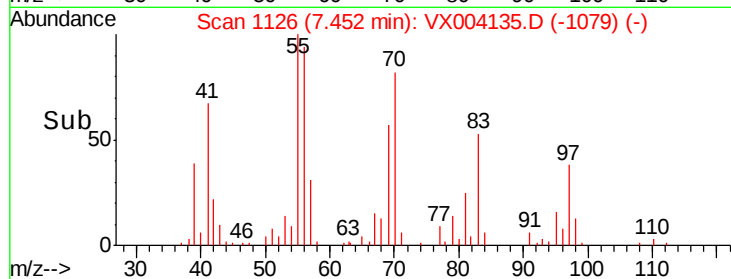
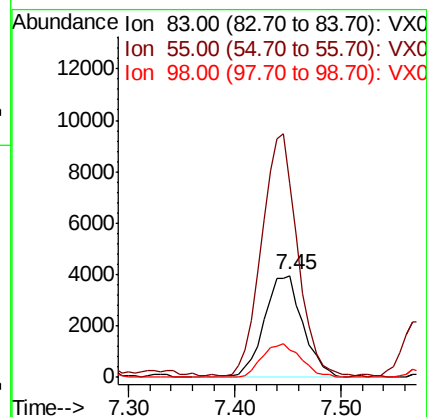
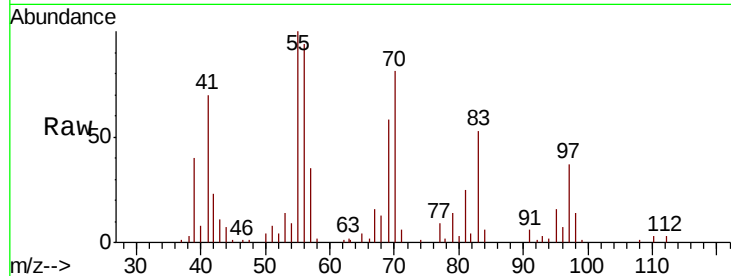




#39
Methvlcvclohexane
Concen: 1.98 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

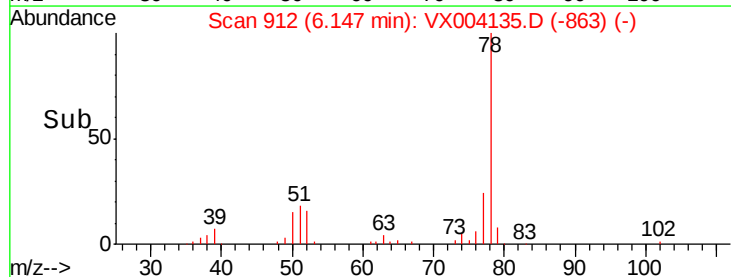
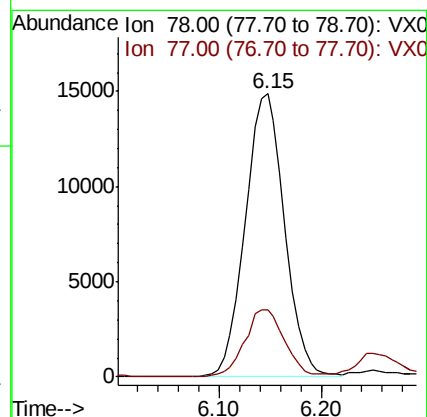
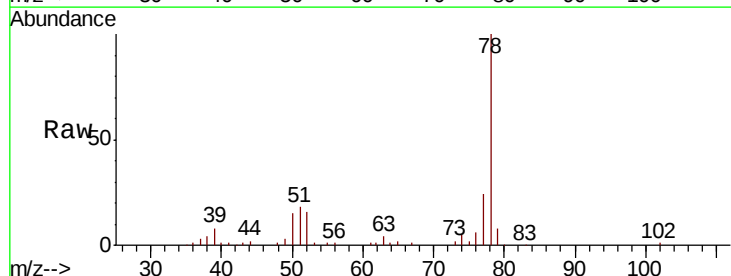
Instrument :
MSVOA_X
ClientSampled :

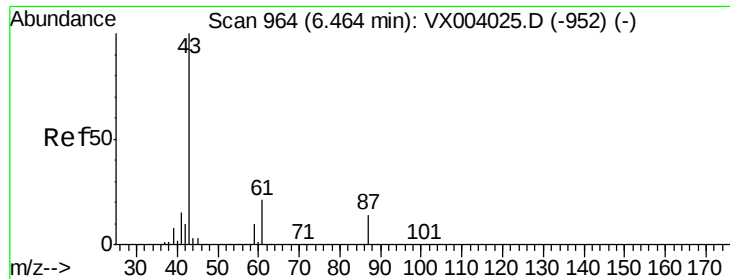
Tot Ion: 83 Resp: 10088
Ion Ratio Lower Upper
83 100
55 187.8 61.0 91.6#
98 27.3 38.6 57.8#



#40
Benzene
Concen: 2.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 78 Resp: 39903
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#43

Isopropyl Acetate

Concen: 14.62 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

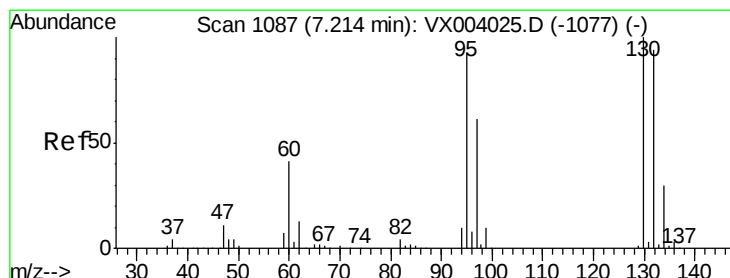
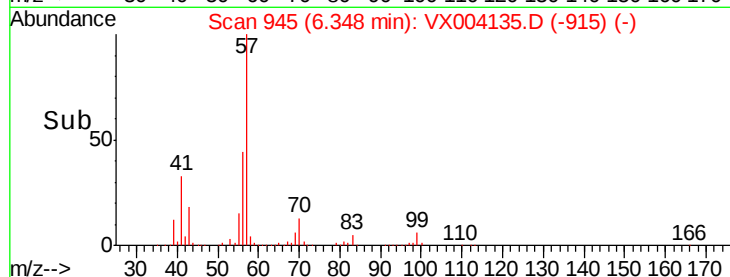
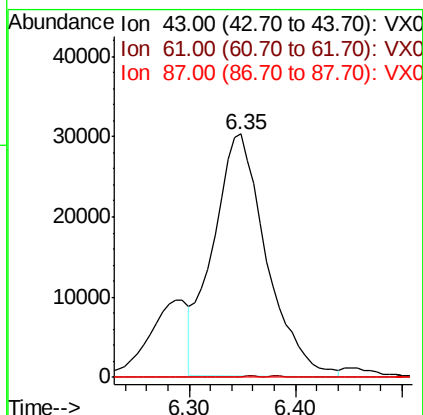
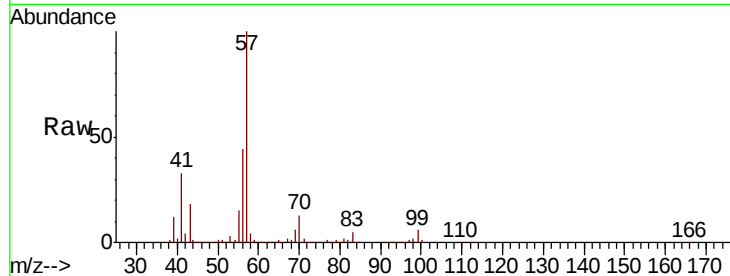
Tot Ion: 43 Resp: 105269

Ion Ratio Lower Upper

43 100

61 0.2 16.9 25.3#

87 0.0 11.3 16.9#



#44

Trichloroethene

Concen: 0.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX004135.D

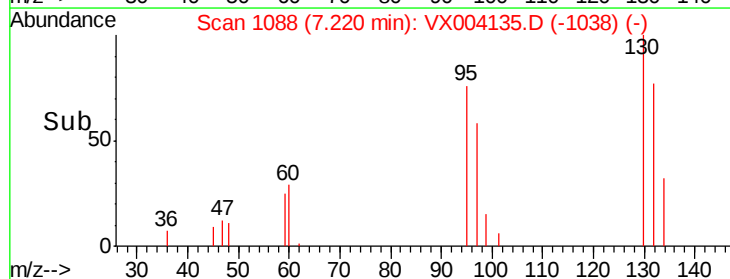
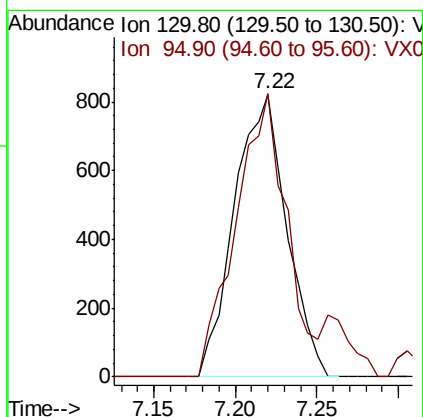
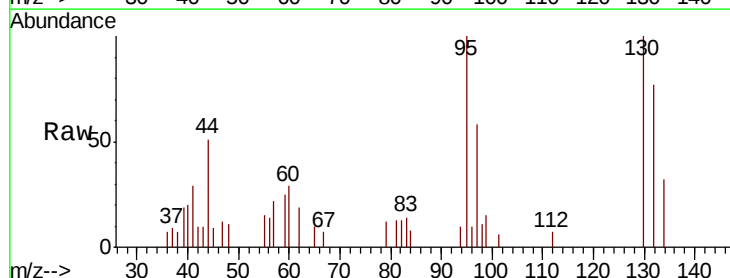
Acq: 17 Aug 2018 16:36

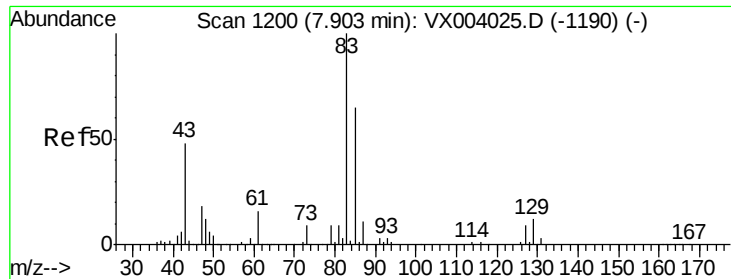
Tgt Ion: 130 Resp: 1832

Ion Ratio Lower Upper

130 100

95 100.2 0.0 199.4





#47

Bromodichloromethane

Concen: 0.42 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :

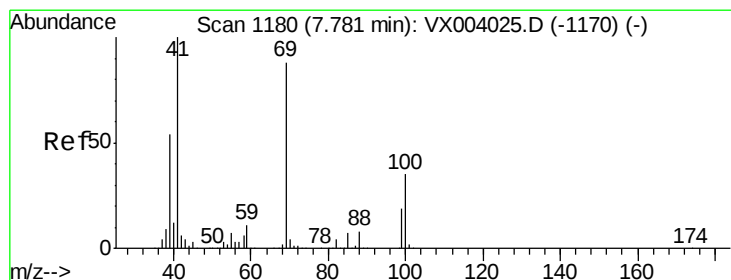
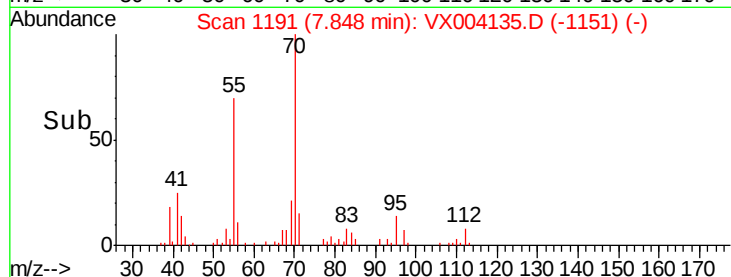
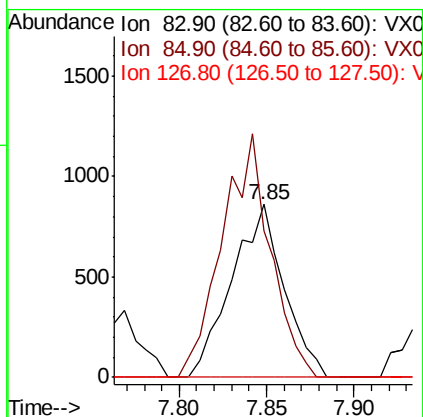
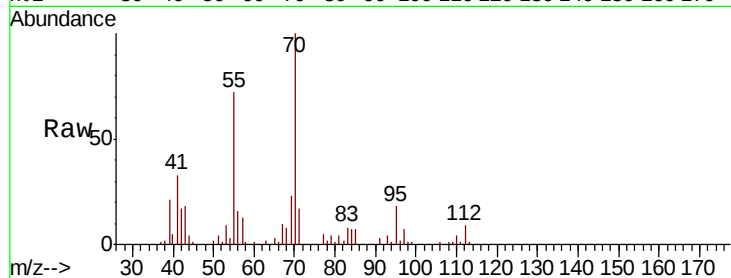
Tot Ion: 83 Resp: 1796

Ion Ratio Lower Upper

83 100

85 84.9 51.2 76.8#

127 0.0 7.2 10.8#



#48

Methyl methacrylate

Concen: 1.97 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. 0.07 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

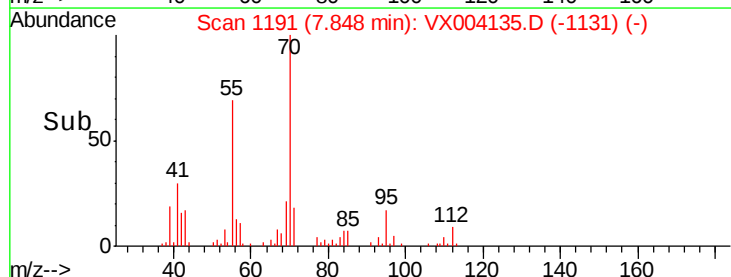
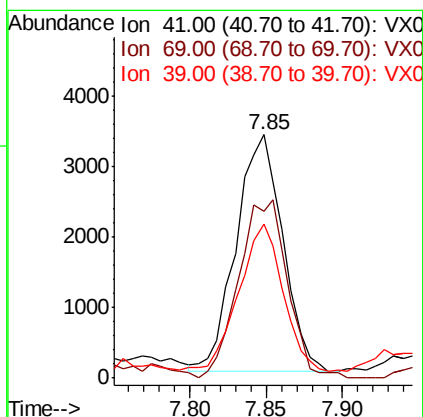
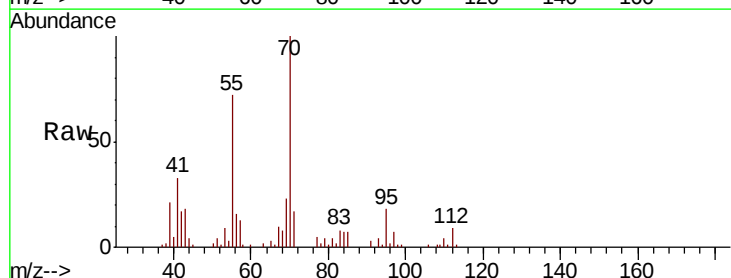
Tgt Ion: 41 Resp: 7155

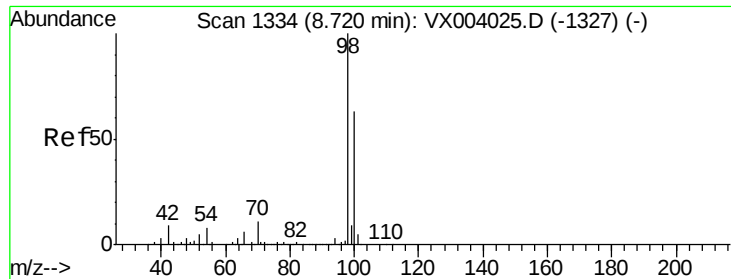
Ion Ratio Lower Upper

41 100

69 78.3 68.8 103.2

39 58.4 42.3 63.5

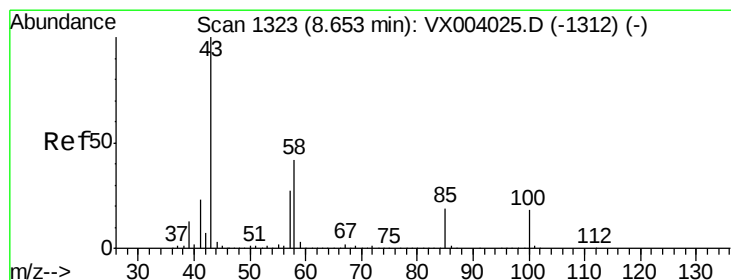
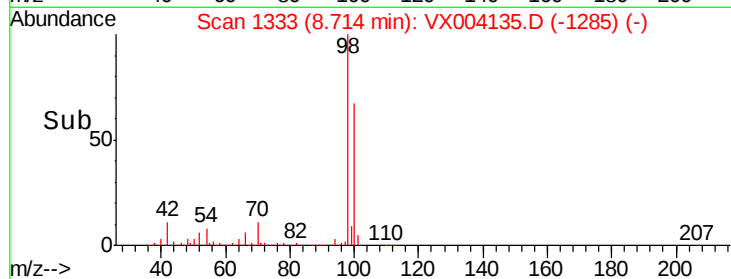
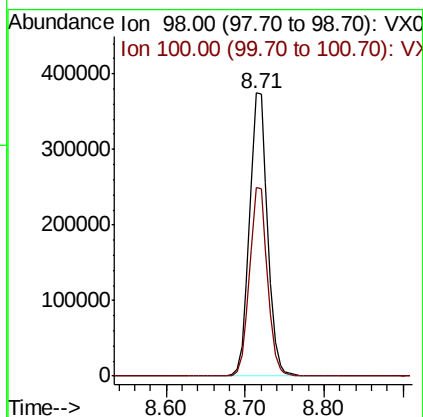
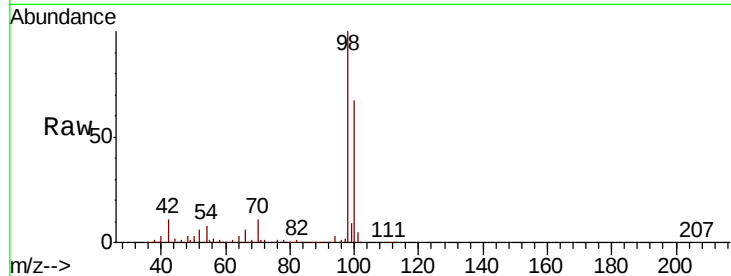




#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

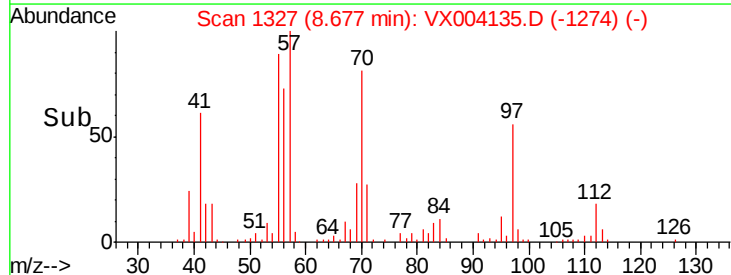
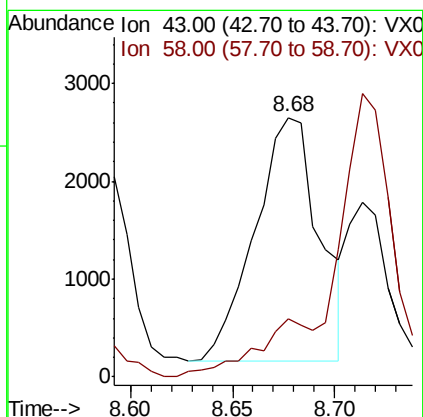
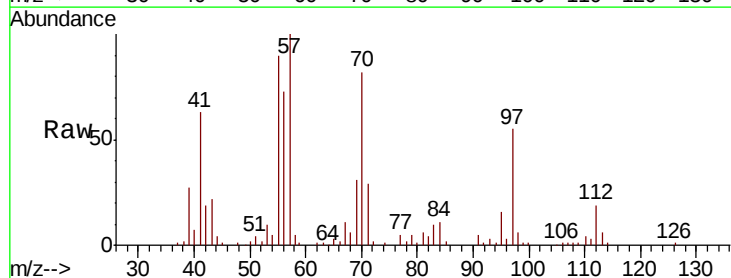
Instrument :
MSVOA_X
ClientSampleId :

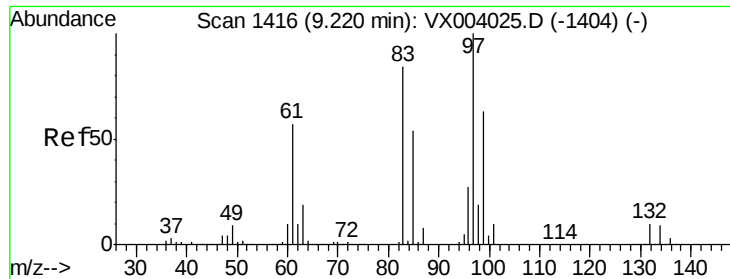
Tot Ion: 98 Resp: 596196
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.92 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
58 21.4 33.0 49.6#

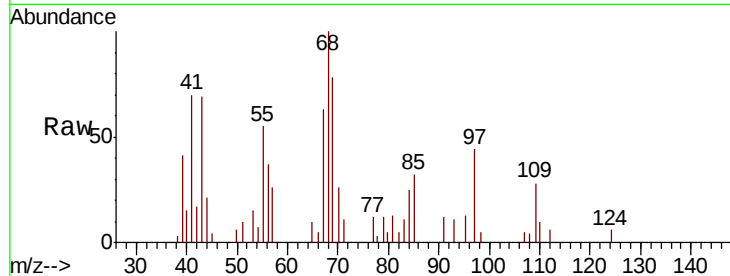




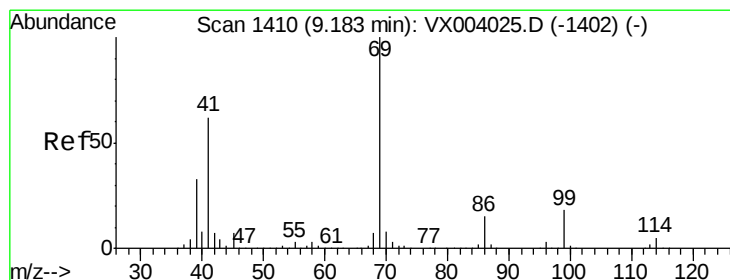
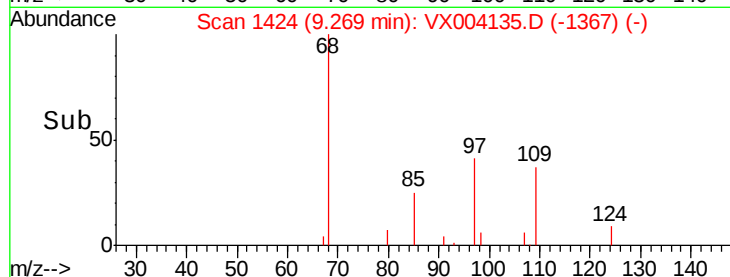
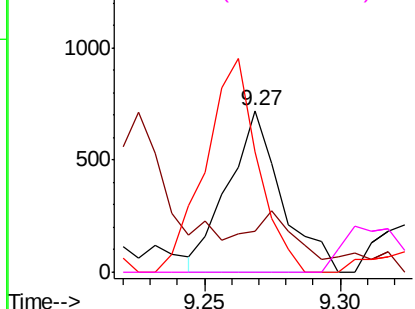
#55
 1,1,2-Trichloroethane
 Concen: 0.28 ug/l
 RT: 9.27 min Scan# 1424
 Delta R.T. 0.05 min
 Lab File: VX004135.D
 Acq: 17 Aug 2018 16:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 980
 Ion Ratio Lower Upper
 97 100
 83 16.3 67.8 101.6#
 85 74.5 44.2 66.2#
 99 0.0 50.8 76.2#

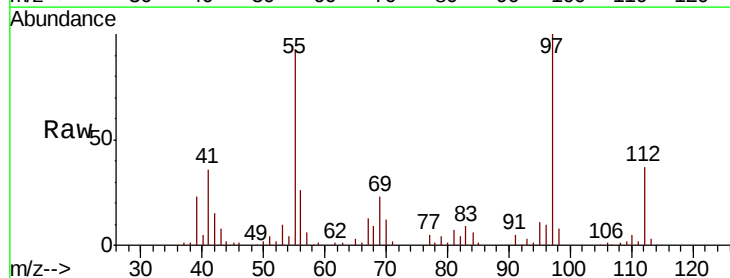


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

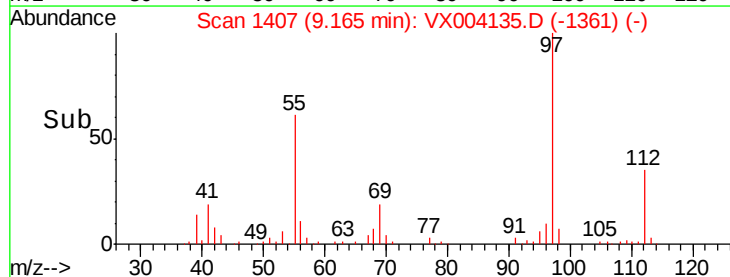
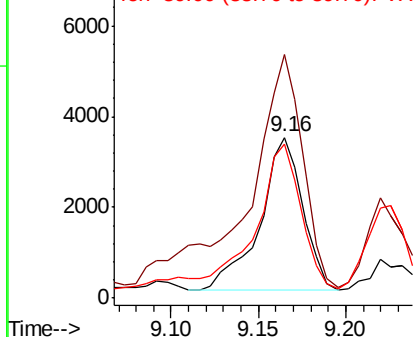


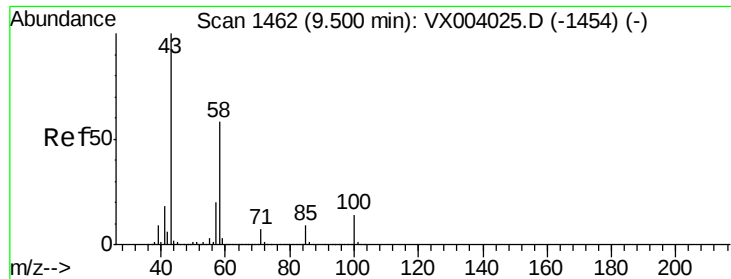
#56
 Ethyl methacrylate
 Concen: 1.21 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX004135.D
 Acq: 17 Aug 2018 16:36

Tgt Ion: 69 Resp: 5804
 Ion Ratio Lower Upper
 69 100
 41 198.6 50.6 76.0#
 39 106.3 25.8 38.6#



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

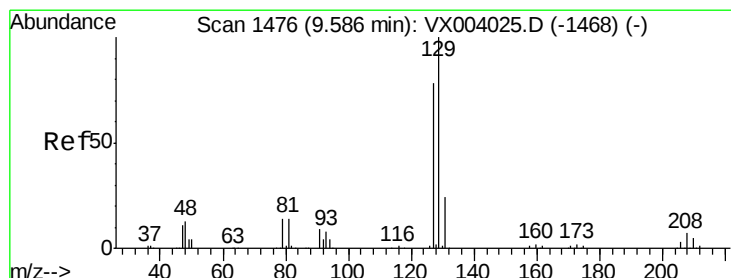
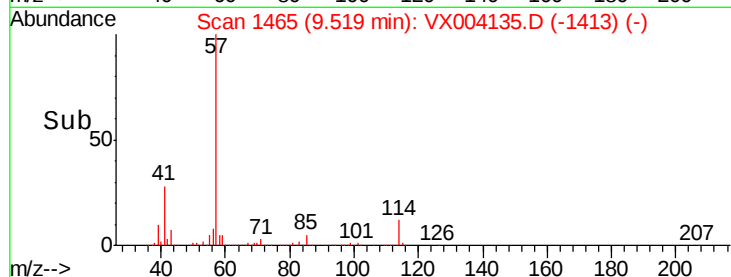
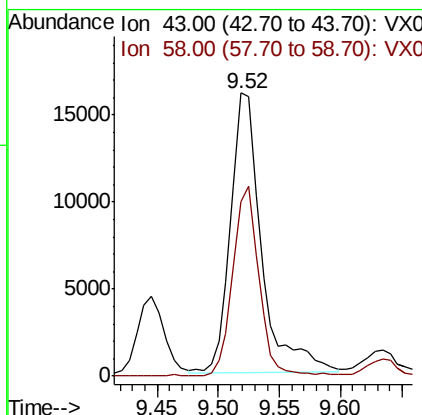
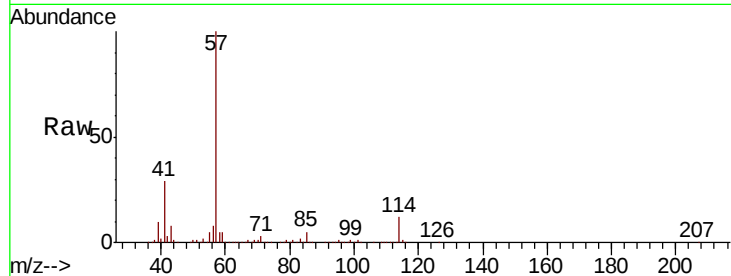




#59
2-Hexanone
Concen: 6.33 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

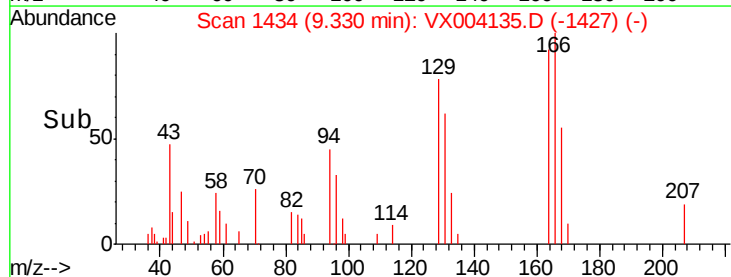
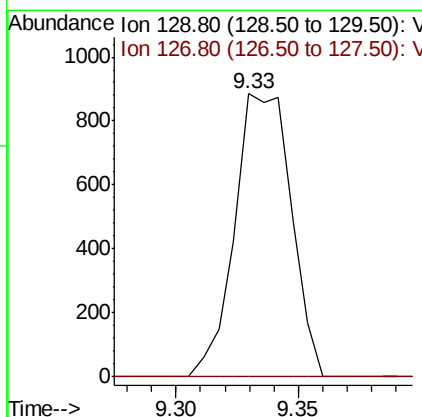
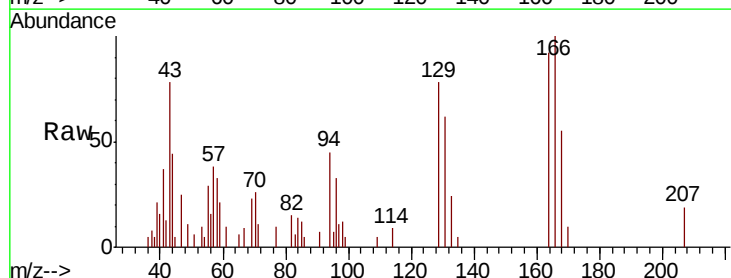
Instrument :
MSVOA_X
ClientSampleId :

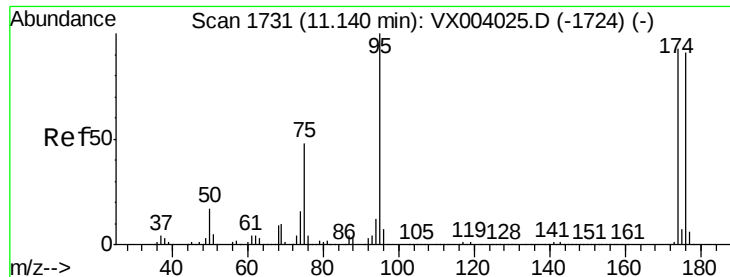
Tot Ion: 43 Resp: 28122
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 0.42 ug/l
RT: 9.33 min Scan# 1434
Delta R.T. -0.26 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 129 Resp: 1425
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#





#62

4-Bromofluorobenzene

Concen: 47.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

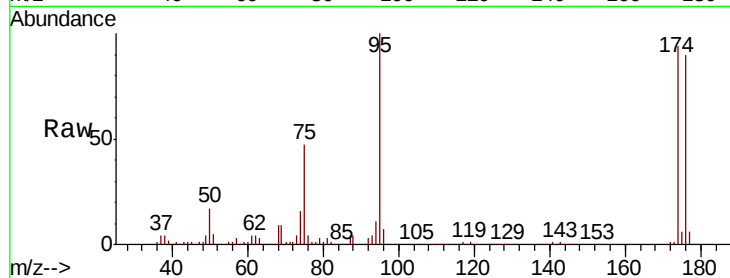
Tot Ion: 95 Resp: 207894

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

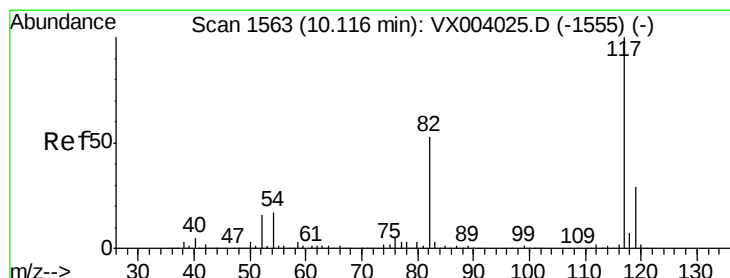
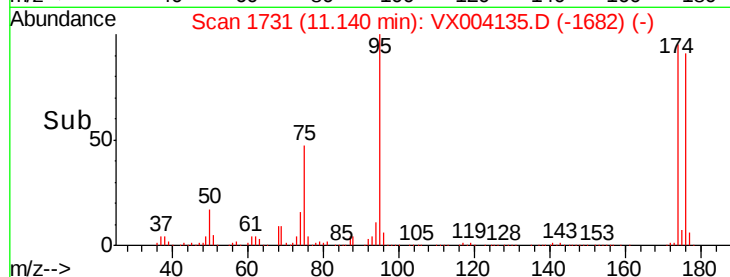
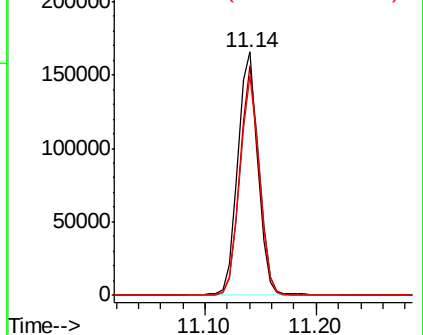
176 87.5 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

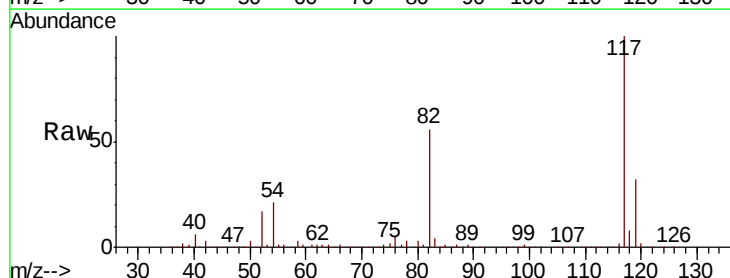
Tgt Ion: 117 Resp: 369535

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

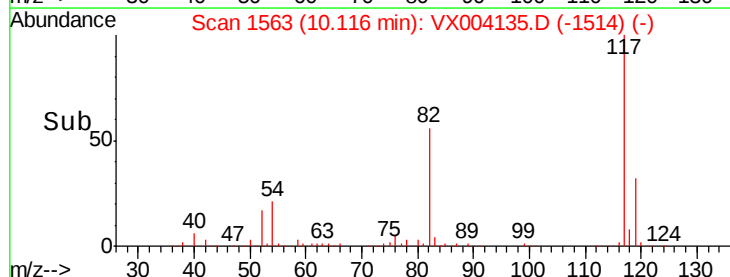
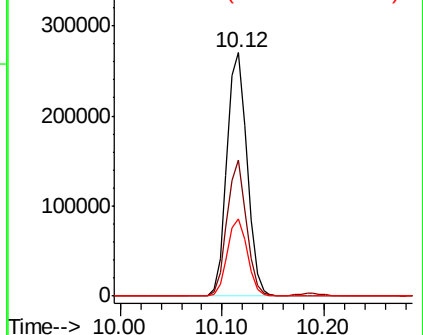
119 31.8 26.6 40.0

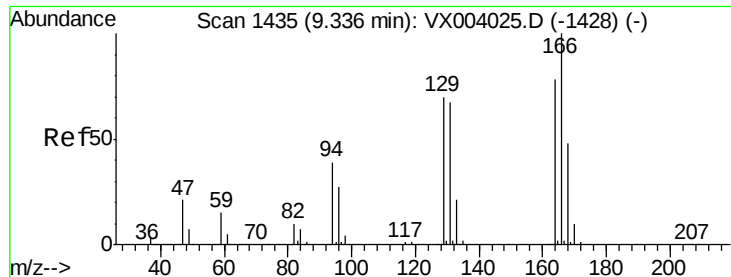


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.50 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:164 Resp: 1767

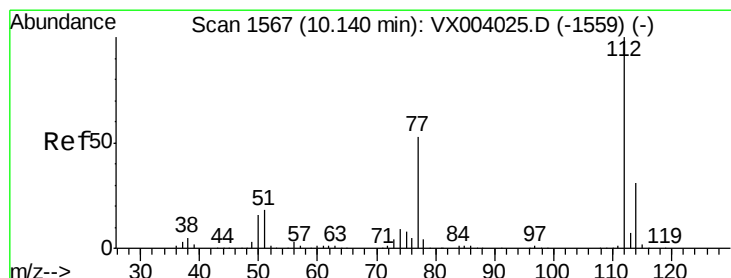
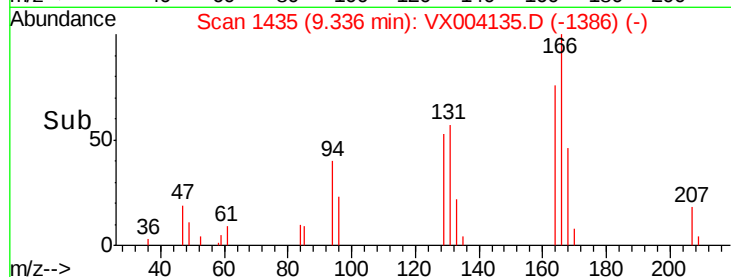
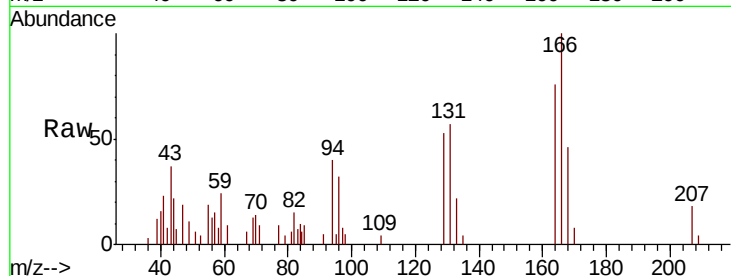
Ion Ratio Lower Upper

164 100

166 132.0 98.0 147.0

129 70.5 64.3 96.5

131 74.7 66.8 100.2



#65

Chlorobenzene

Concen: 0.57 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004135.D

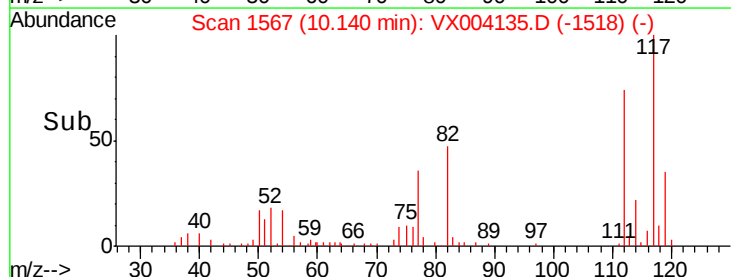
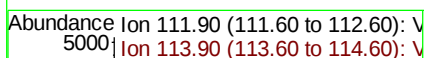
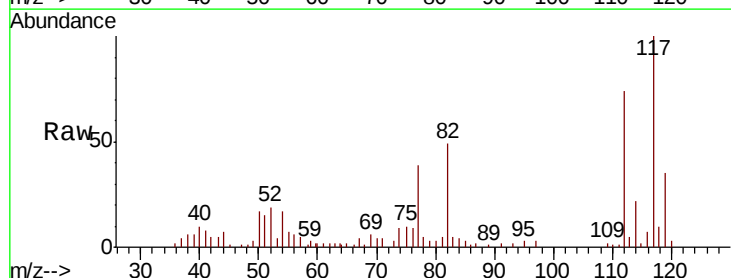
Acq: 17 Aug 2018 16:36

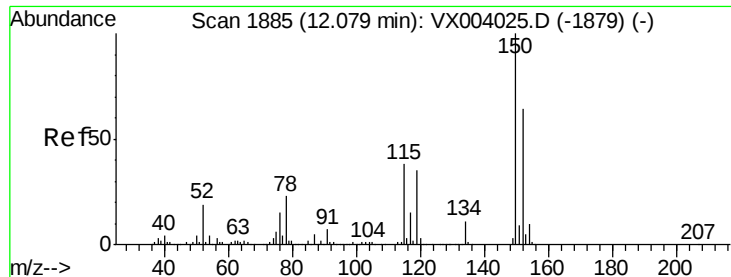
Tgt Ion:112 Resp: 5484

Ion Ratio Lower Upper

112 100

114 30.1 23.6 35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

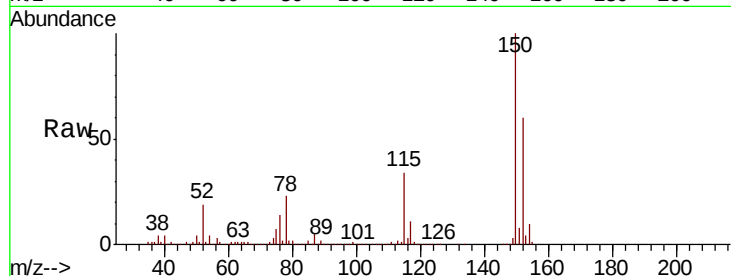
Tot Ion:152 Resp: 213651

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.3

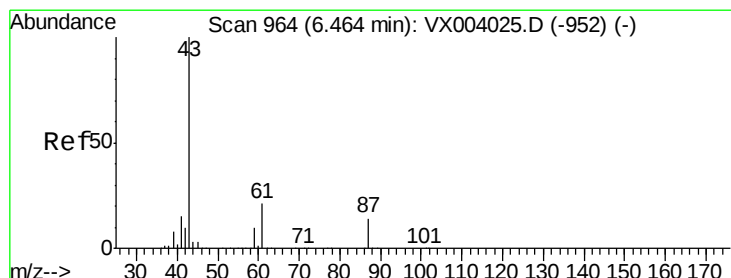
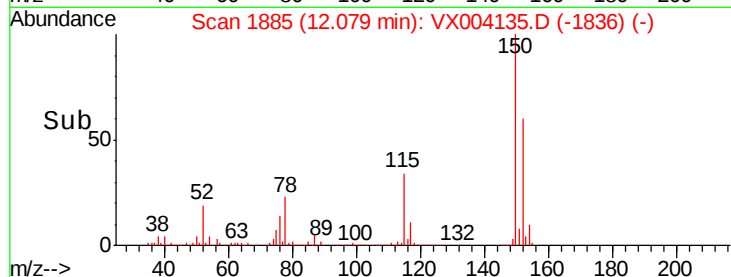
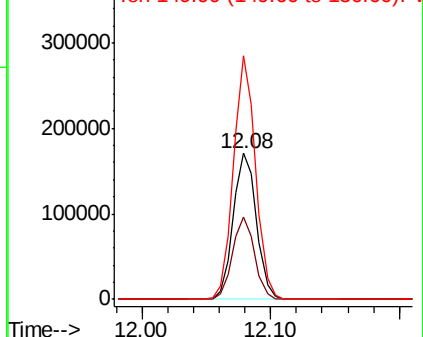
150 159.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 15.48 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Tgt Ion: 43 Resp: 105269

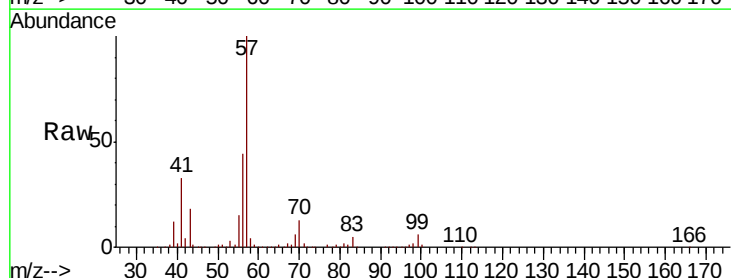
Ion Ratio Lower Upper

43 100

70 69.7 0.0 0.0#

55 94.4 0.1 0.1#

61 0.2 16.9 25.3#

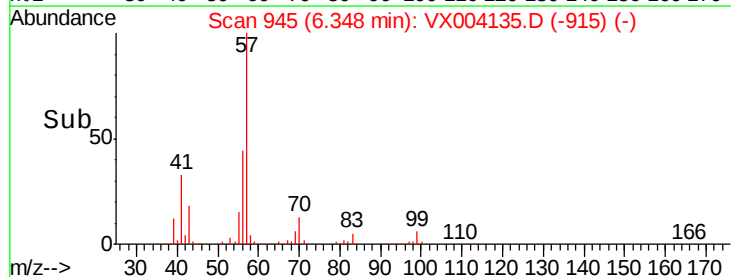
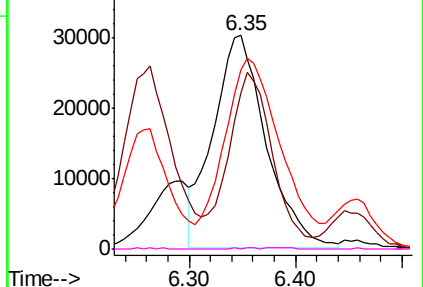


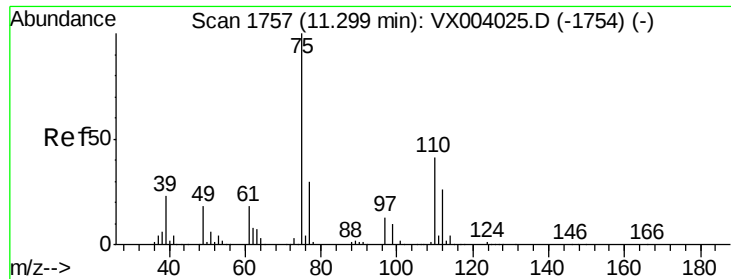
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

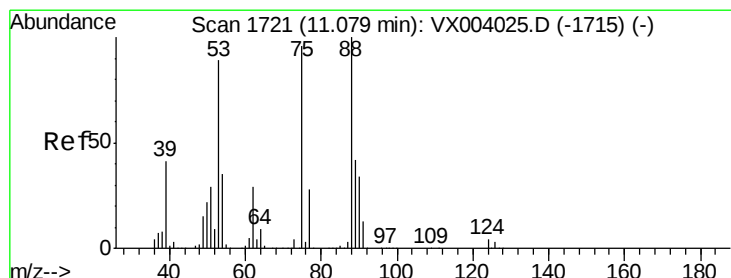
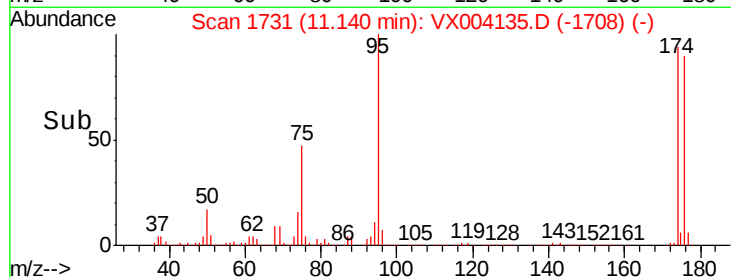
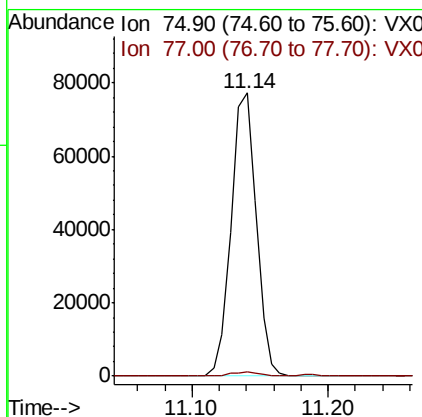
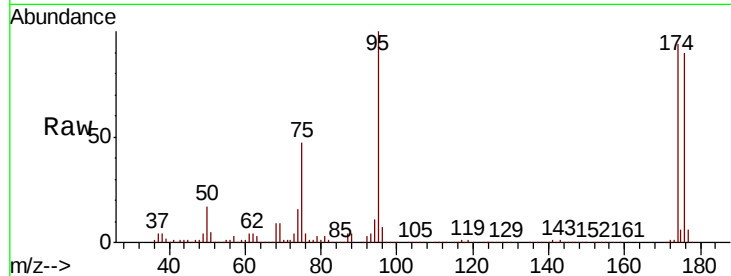




#76
 1,2,3-Trichloropropane
 Concen: 23.30 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004135.D
 Acq: 17 Aug 2018 16:36

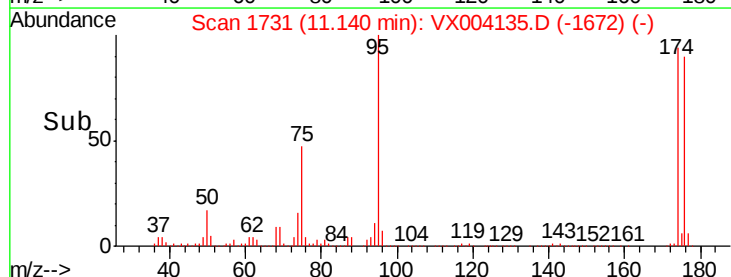
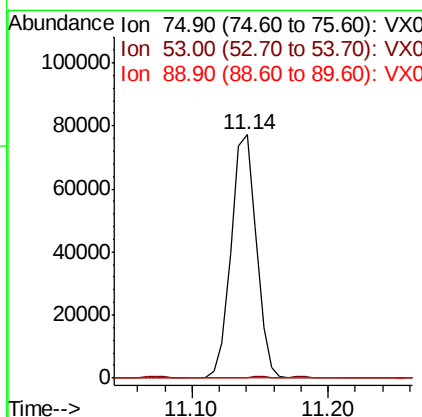
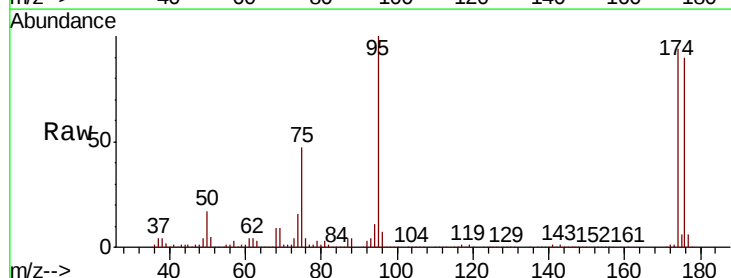
Instrument :
 MSVOA_X
 ClientSampleId :

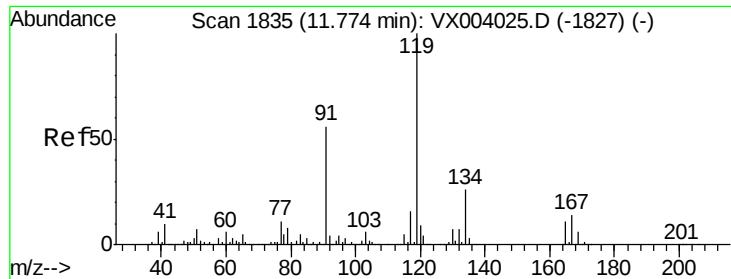
Tot Ion: 75 Resp: 99852
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.8 62.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.14 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004135.D
 Acq: 17 Aug 2018 16:36

Tgt Ion: 75 Resp: 99852
 Ion Ratio Lower Upper
 75 100
 53 0.5 80.3 120.5#
 89 0.0 37.8 56.8#

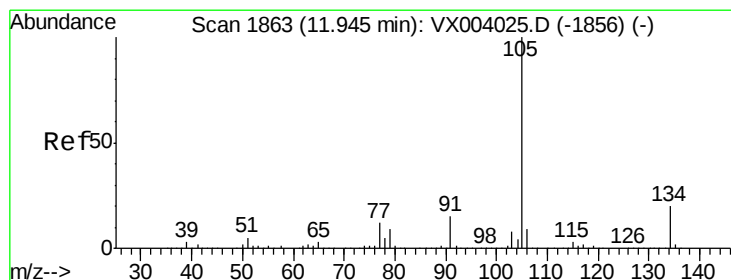
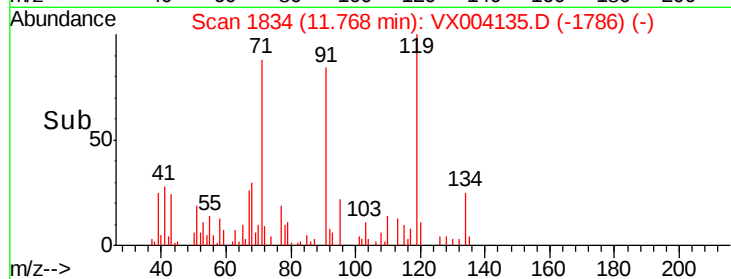
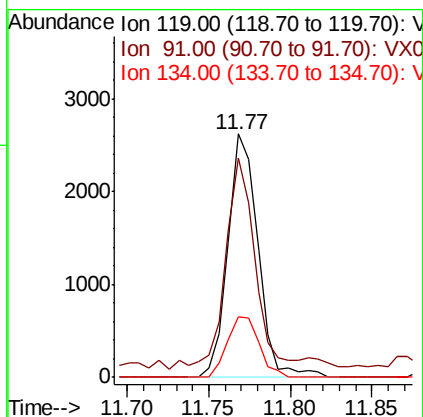
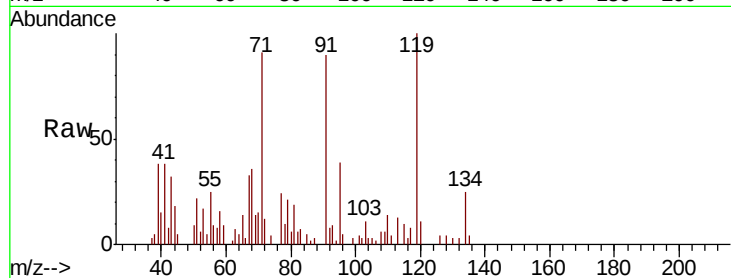




#83
tert-Butylbenzene
Concen: 0.28 ug/l
RT: 11.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

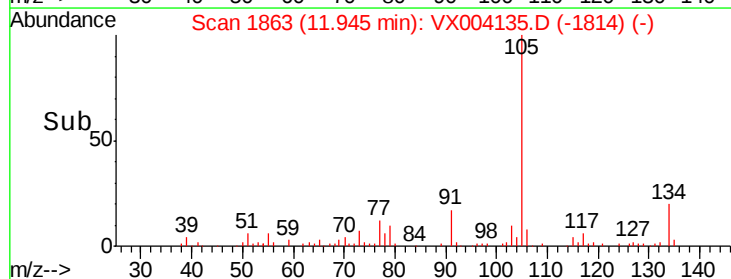
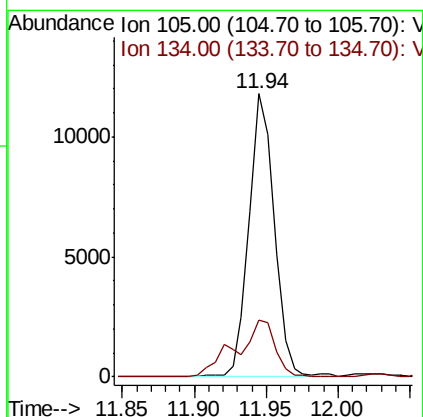
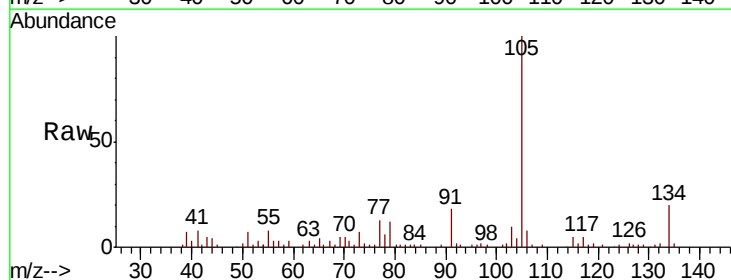
Instrument :
MSVOA_X
ClientSampleId :

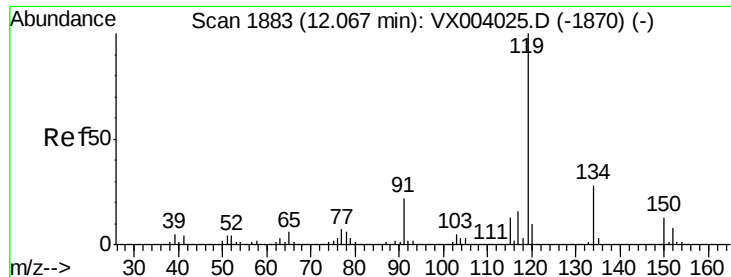
Tot Ion:119 Resp: 3373
Ion Ratio Lower Upper
119 100
91 84.7 26.9 80.7#
134 26.1 12.0 36.0



#85
sec-Butylbenzene
Concen: 1.03 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion:105 Resp: 14370
Ion Ratio Lower Upper
105 100
134 31.0 10.3 30.9#

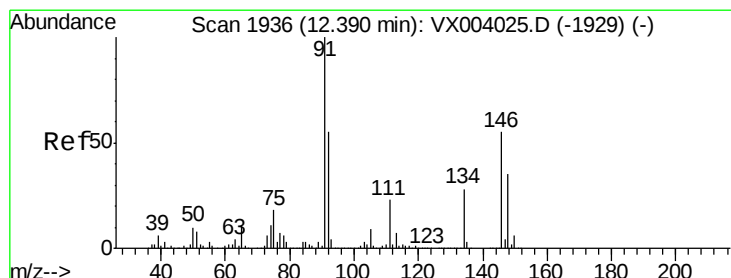
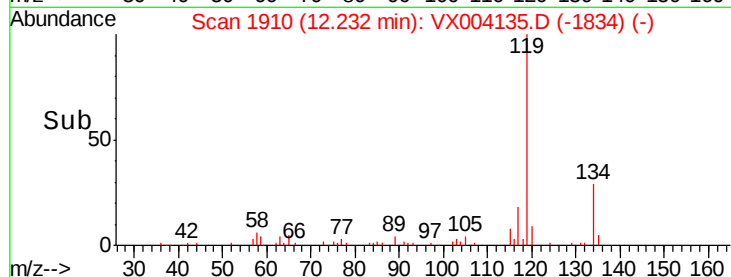
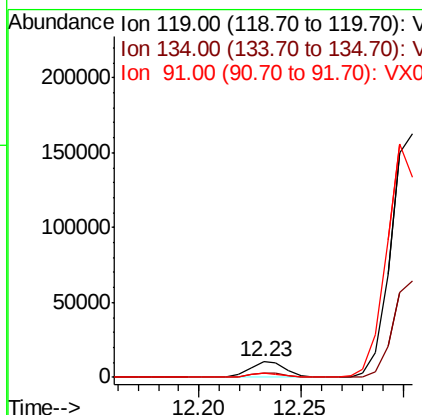
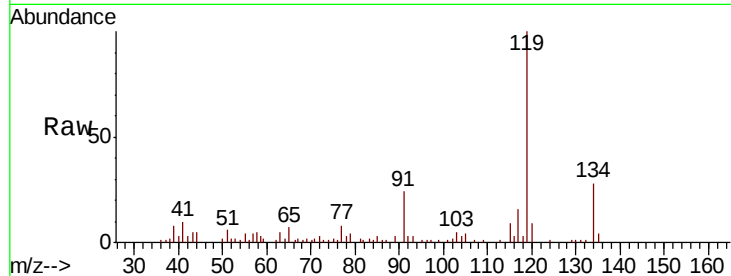




#86
p-Isopropyltoluene
Concen: 1.00 ug/l
RT: 12.23 min Scan# 1910
Delta R.T. 0.16 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

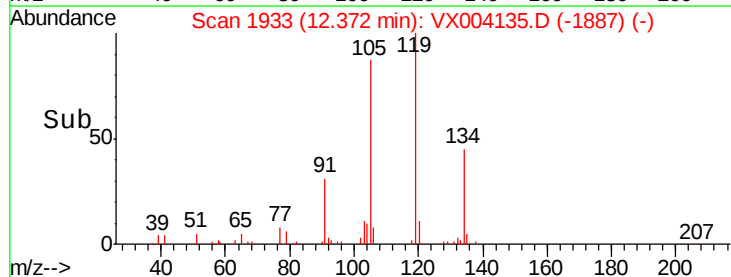
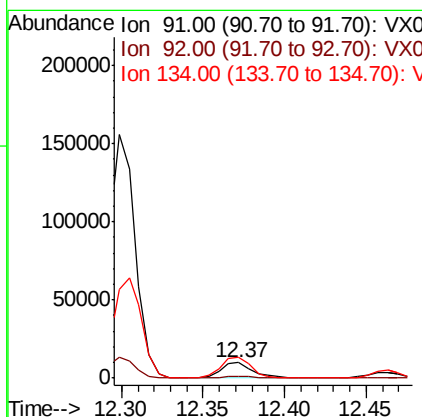
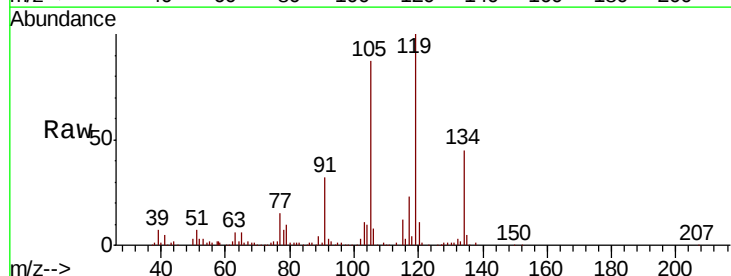
Instrument :
MSVOA_X
ClientSampleId :

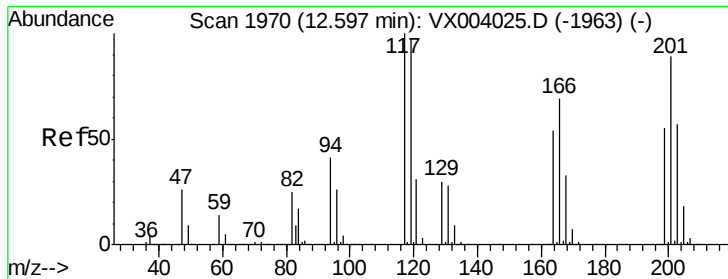
Tot Ion:119 Resp: 12705
Ion Ratio Lower Upper
119 100
134 29.3 13.3 39.8
91 0.0 10.9 32.7#



#89
n-Butylbenzene
Concen: 1.32 ug/l
RT: 12.37 min Scan# 1933
Delta R.T. -0.02 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Tgt Ion: 91 Resp: 13152
Ion Ratio Lower Upper
91 100
92 14.1 27.1 81.3#
134 132.5 13.6 40.7#





#90

Hexachloroethane

Concen: 30.19 ug/l

RT: 12.70 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

Instrument :

MSVOA_X

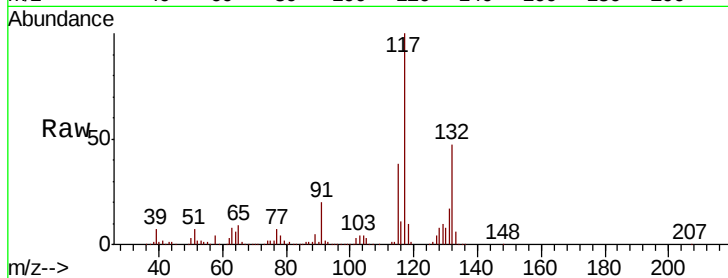
ClientSampleId :

Tot Ion:117 Resp: 57131

Ion Ratio Lower Upper

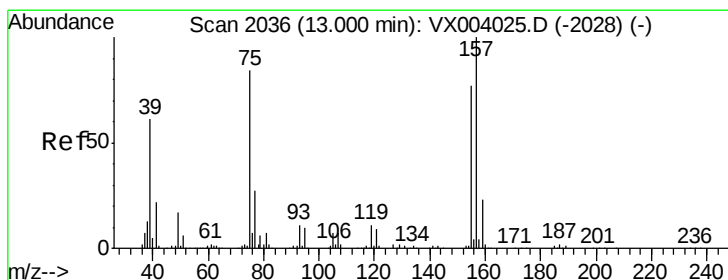
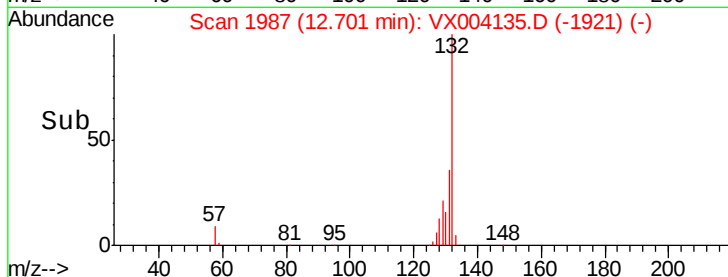
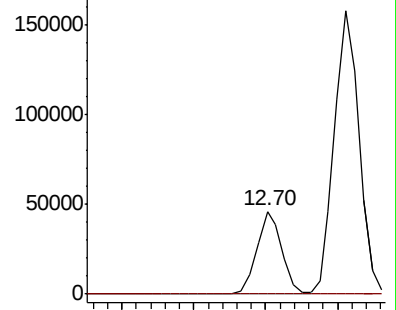
117 100

201 0.0 46.1 138.2#



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: 0.33 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX004135.D

Acq: 17 Aug 2018 16:36

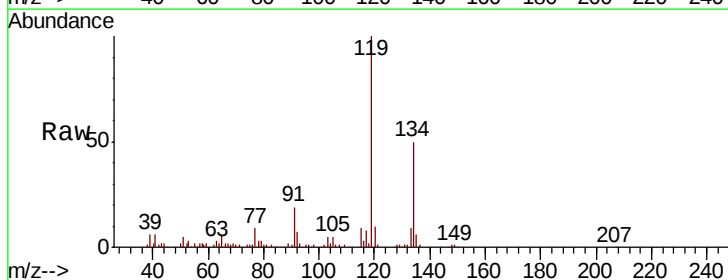
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

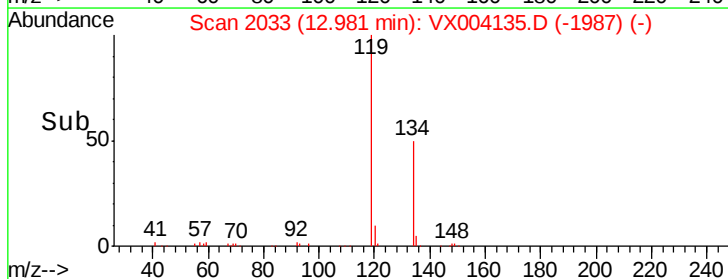
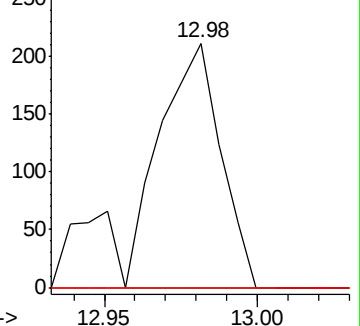
157 0.0 62.6 187.8#

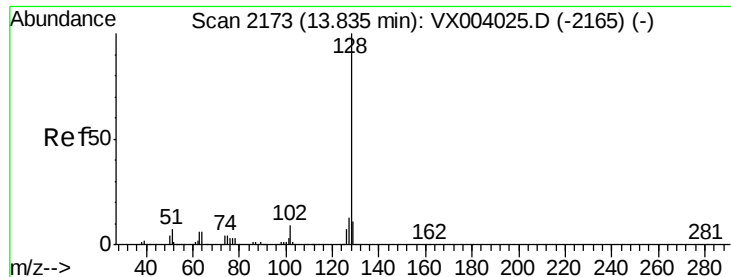


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.29 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004135.D
Acq: 17 Aug 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 2255
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

