

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
 Data File : VX007595.D
 Acq On : 18 Feb 2019 18:12
 Operator : JC/SP
 Sample : K1513-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FLOORS

Quant Time: Feb 19 04:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	457954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	739982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	694540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	324833	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	260378	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	232344	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	886319	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	308144	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	

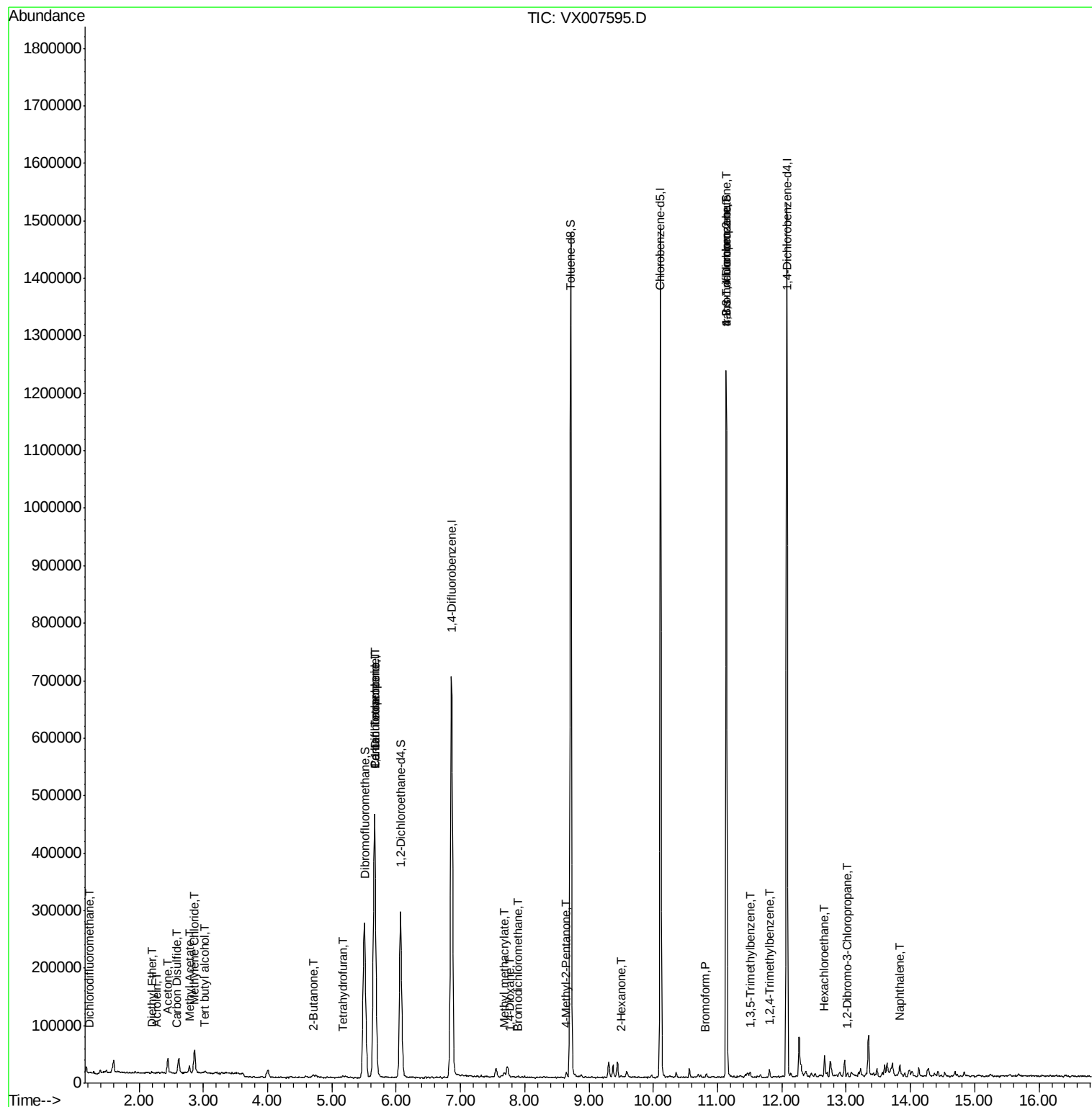
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.22	85	129	0.200	ug/l #	43
5) Bromomethane	1.64	94	210	Below Cal	#	3
8) Diethyl Ether	2.20	74	1173	0.394	ug/l	89
11) Tert butyl alcohol	3.02	59	1692	1.682	ug/l #	77
13) Acrolein	2.28	56	311	0.659	ug/l #	35
16) Acetone	2.45	43	28241	12.683	ug/l	100
17) Carbon Disulfide	2.57	76	1447	2.242	ug/l #	48
18) Methyl Acetate	2.78	43	14480	3.059	ug/l	95
20) Methylene Chloride	2.86	84	18725	3.753	ug/l	97
25) 2-Butanone	4.70	43	8504	2.684	ug/l	93
29) Tetrahydrofuran	5.17	42	963	0.483	ug/l #	9
36) 1,1-Dichloropropene	5.67	75	30772	4.635	ug/l #	49
38) Carbon Tetrachloride	5.67	117	41903	6.505	ug/l #	18
47) Bromodichloromethane	7.90	83	1283	0.213	ug/l #	47
48) Methyl methacrylate	7.68	41	11241	2.169	ug/l #	18
49) 1,4-Dioxane	7.77	88	175	8.354	ug/l #	67
51) 4-Methyl-2-Pentanone	8.65	43	5681	0.833	ug/l	94
59) 2-Hexanone	9.49	43	1726	0.325	ug/l	86
71) Bromoform	10.80	173	97	4.049	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	148371	23.482	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	4142	0.229	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.13	75	148371	70.672	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	5374	0.293	ug/l	95
90) Hexachloroethane	12.67	117	1720	0.588	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	307	0.219	ug/l #	4
95) Naphthalene	13.83	128	12006	0.548	ug/l #	92

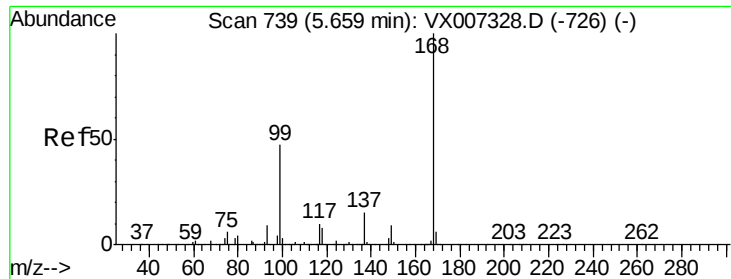
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007595.D
Acq On : 18 Feb 2019 18:12
Operator : JC/SP
Sample : K1513-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FLOORS

Quant Time: Feb 19 04:14:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

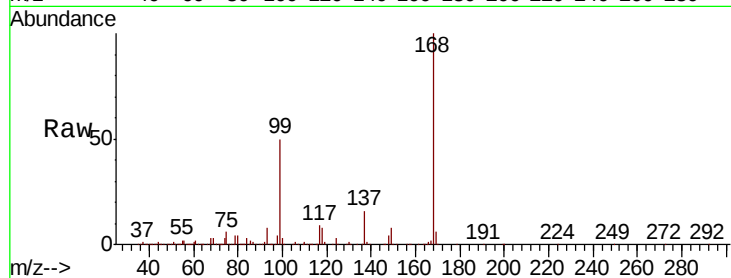
FLOORS

Tgt Ion:168 Resp: 457954

Ion Ratio Lower Upper

168 100

99 50.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

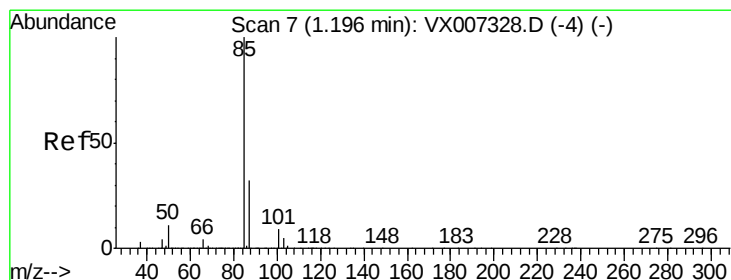
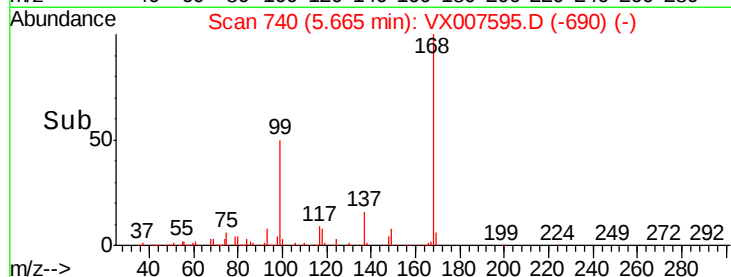
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.200 ug/l

RT: 1.22 min Scan# 11

Delta R.T. 0.02 min

Lab File: VX007595.D

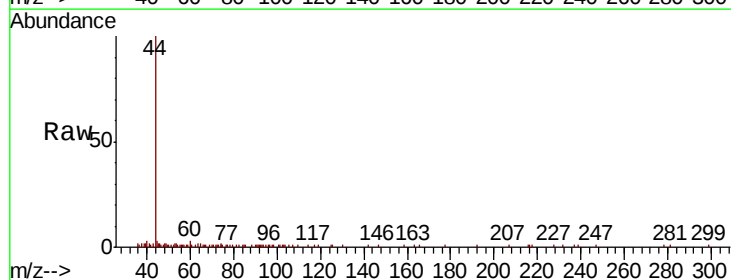
Acq: 18 Feb 2019 18:12

Tgt Ion: 85 Resp: 129

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.22

200

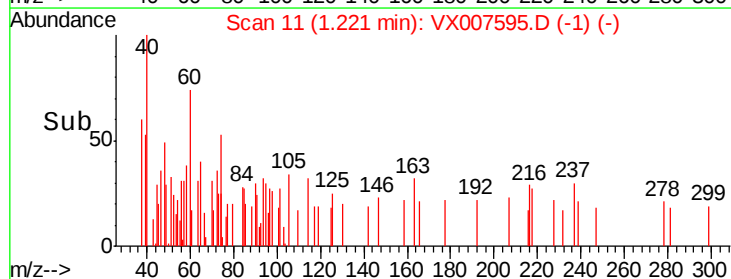
150

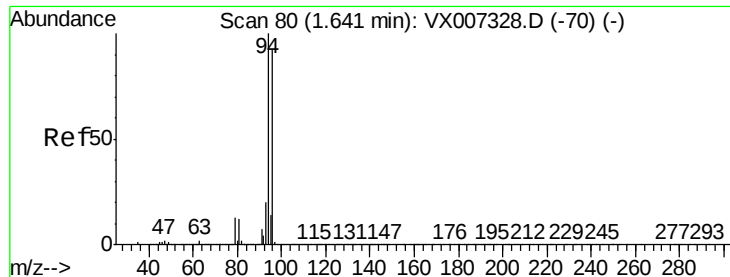
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

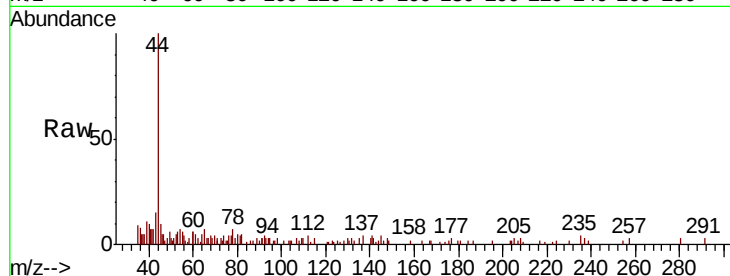
FLOORS

Tgt Ion: 94 Resp: 210

Ion Ratio Lower Upper

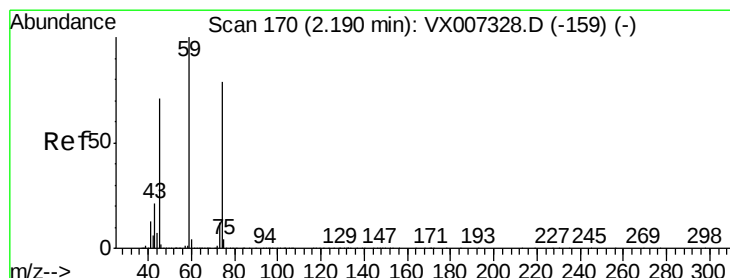
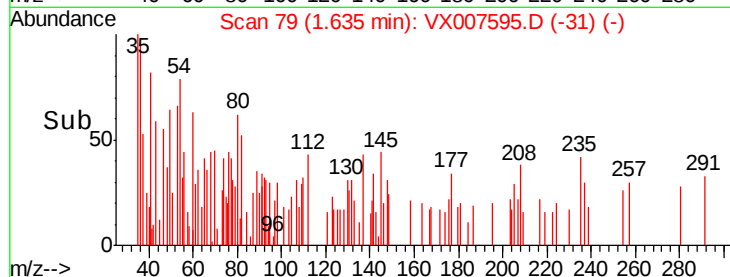
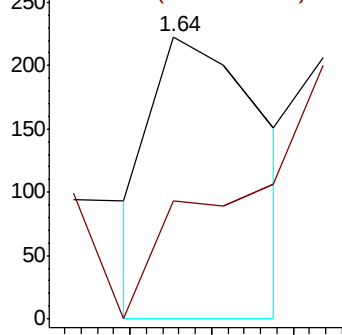
94 100

96 0.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.394 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX007595.D

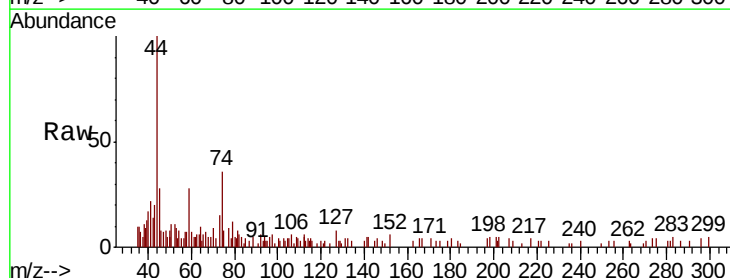
Acq: 18 Feb 2019 18:12

Tgt Ion: 74 Resp: 1173

Ion Ratio Lower Upper

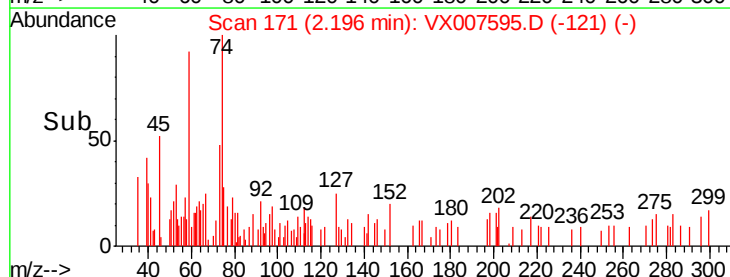
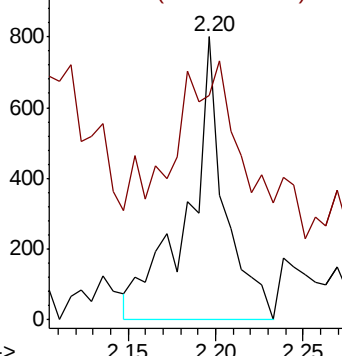
74 100

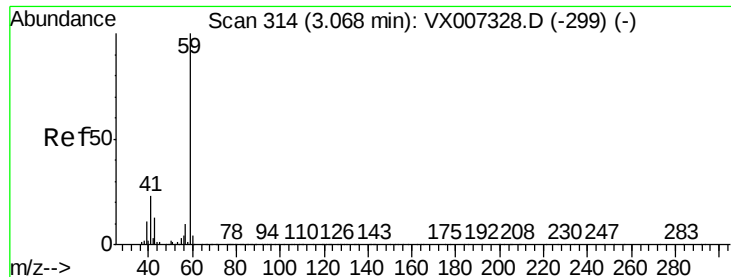
45 102.0 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



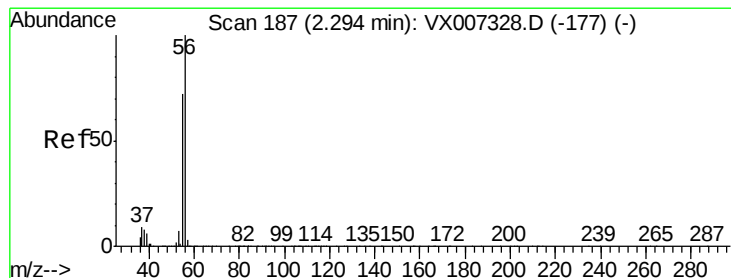
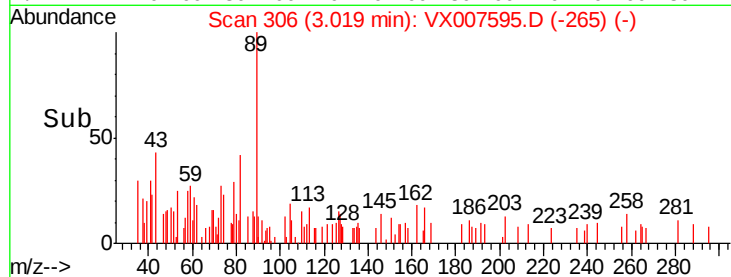
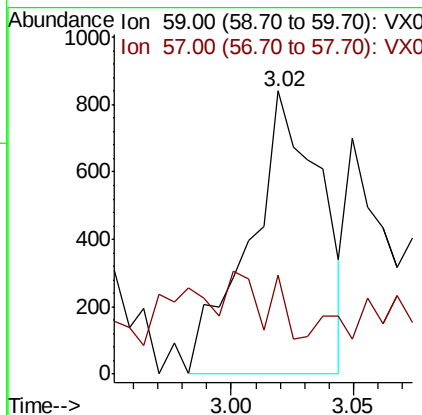
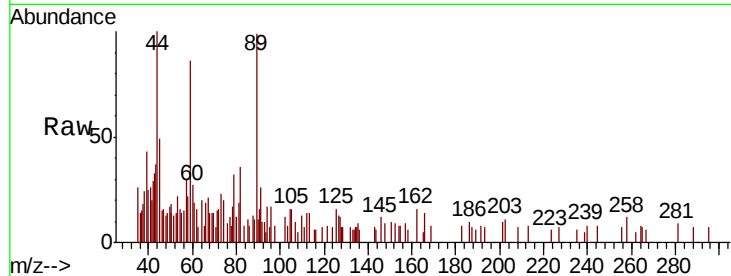


#11

Tert butyl alcohol
 Concen: 1.682 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FLOORS

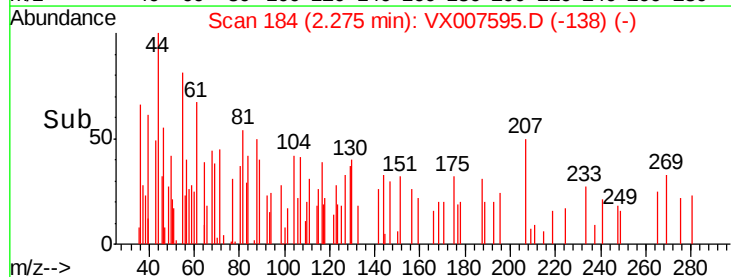
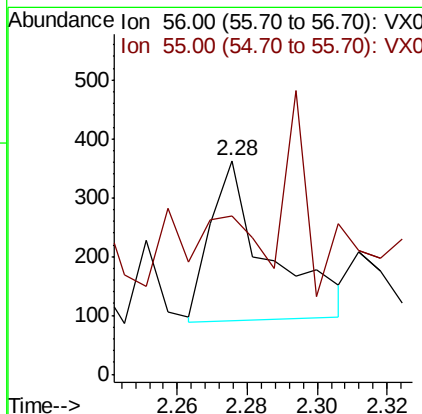
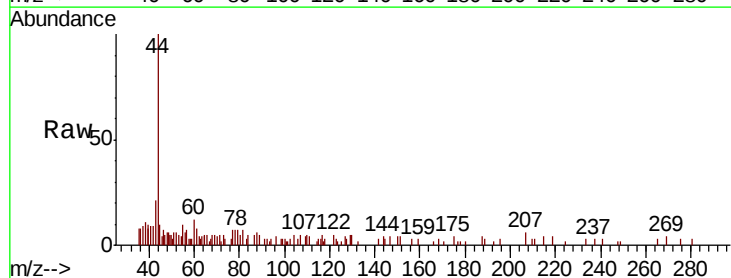
Tgt Ion: 59 Resp: 1692
 Ion Ratio Lower Upper
 59 100
 57 18.5 8.1 12.1#

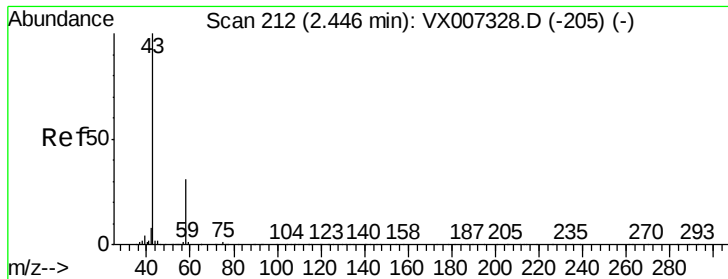


#13

Acrolein
 Concen: 0.659 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

Tgt Ion: 56 Resp: 311
 Ion Ratio Lower Upper
 56 100
 55 124.8 56.9 85.3#

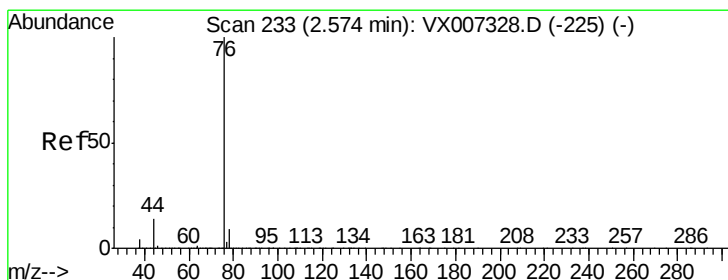
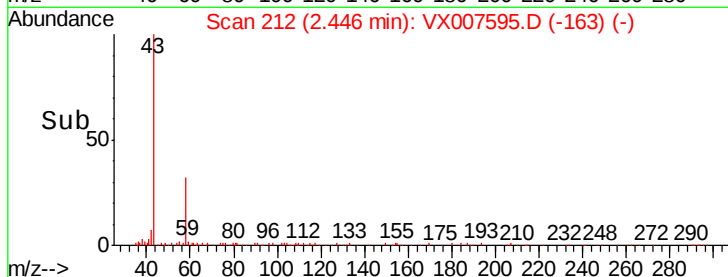
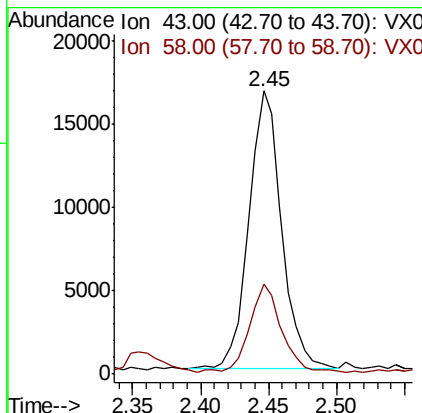
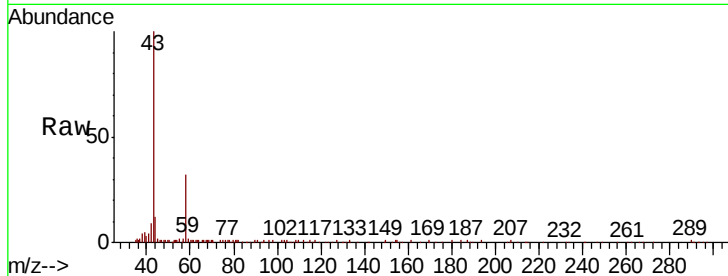




#16
Acetone
Concen: 12.683 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

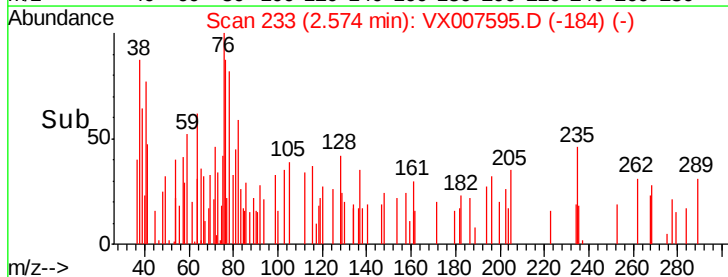
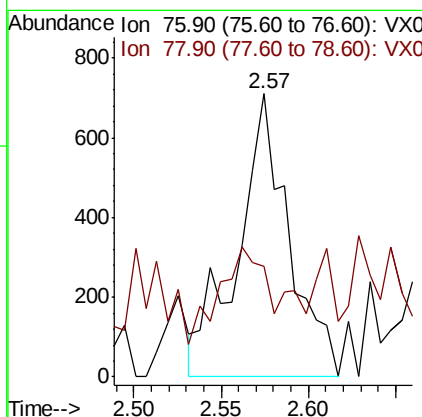
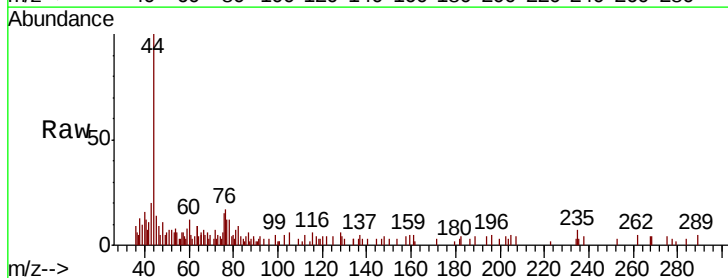
Instrument :
MSVOA_X
ClientSampleId :
FLOORS

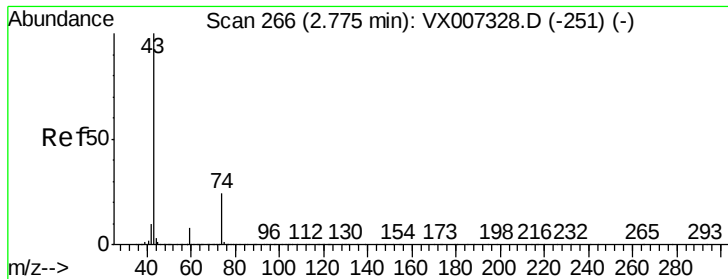
Tgt Ion: 43 Resp: 28241
Ion Ratio Lower Upper
43 100
58 31.2 24.9 37.3



#17
Carbon Disulfide
Concen: 2.242 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 76 Resp: 1447
Ion Ratio Lower Upper
76 100
78 27.6 7.1 10.7#

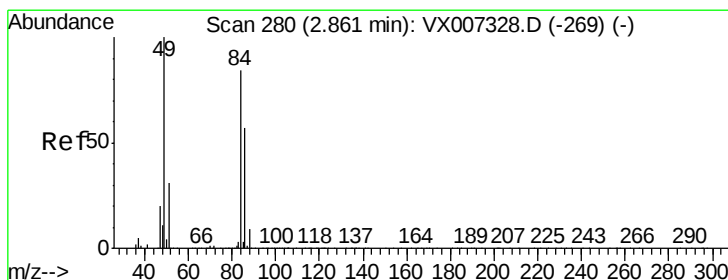
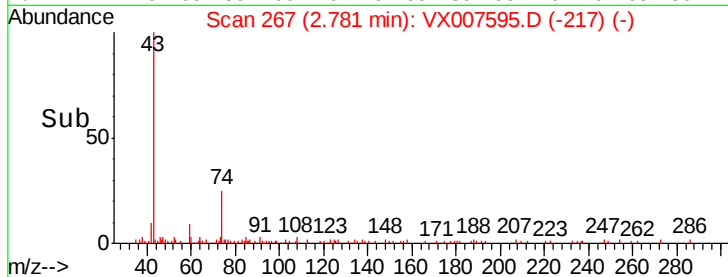
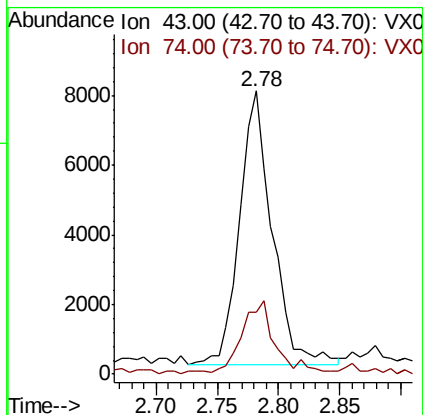
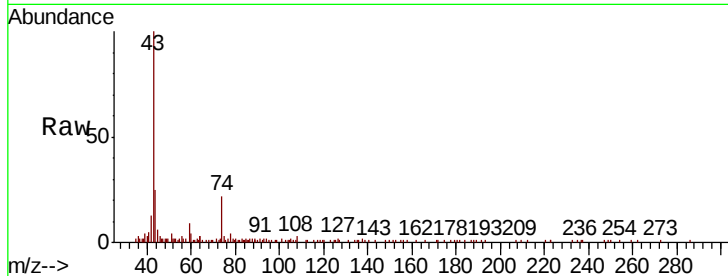




#18
Methyl Acetate
Concen: 3.059 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

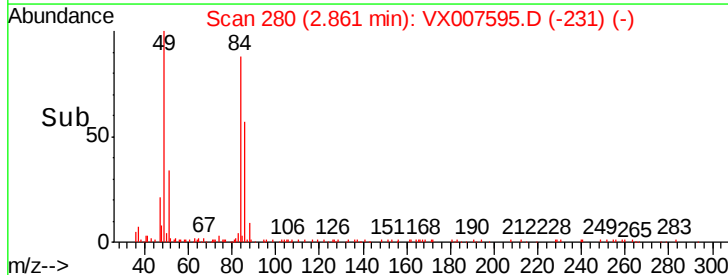
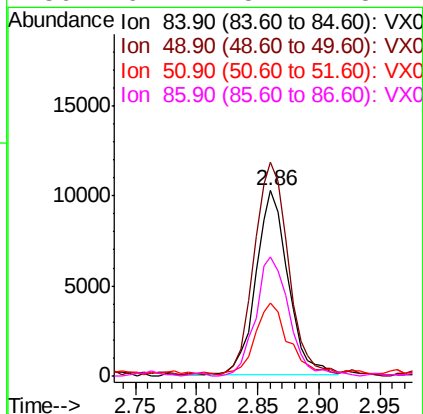
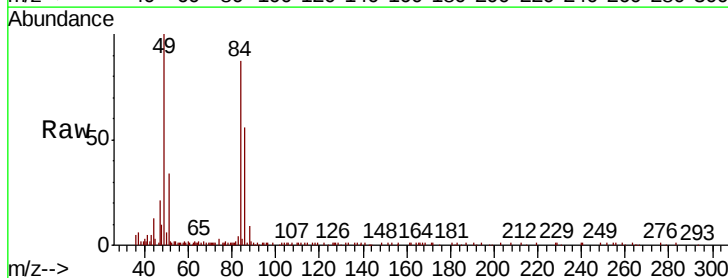
Instrument :
MSVOA_X
ClientSampleId :
FLOORS

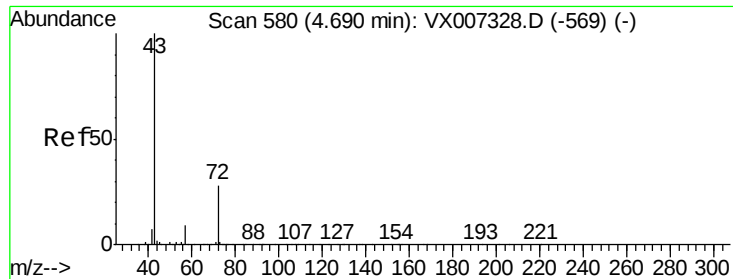
Tgt Ion: 43 Resp: 14480
Ion Ratio Lower Upper
43 100
74 26.9 19.4 29.2



#20
Methylene Chloride
Concen: 3.753 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 84 Resp: 18725
Ion Ratio Lower Upper
84 100
49 115.1 94.8 142.2
51 38.0 29.8 44.8
86 64.4 54.1 81.1

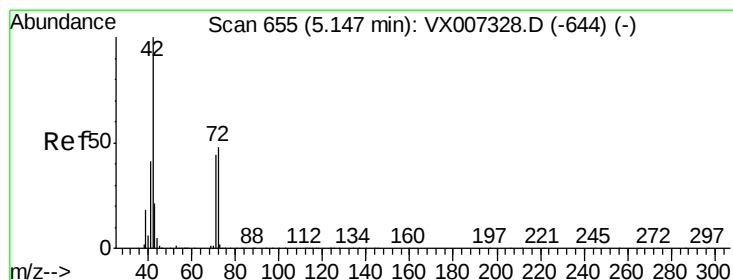
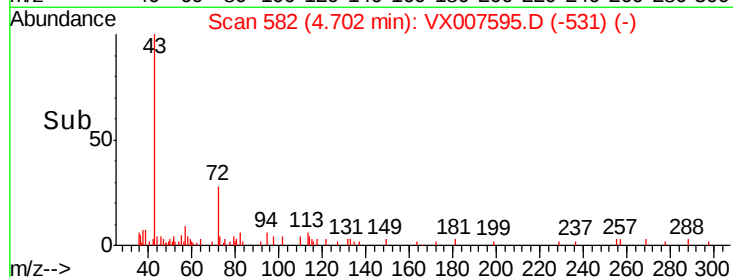
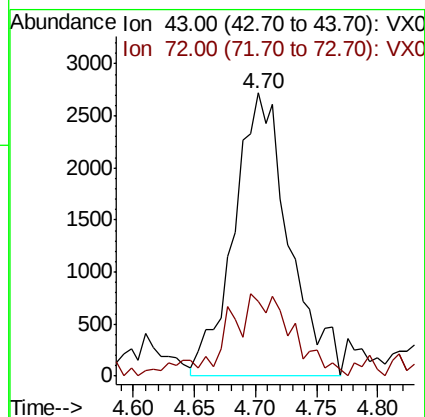
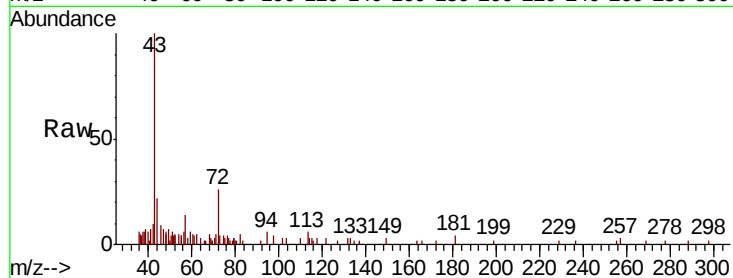




#25
2-Butanone
Concen: 2.684 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

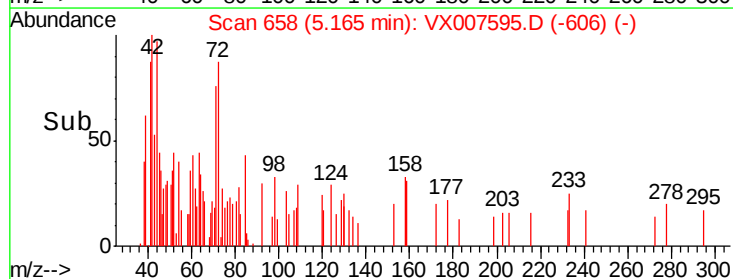
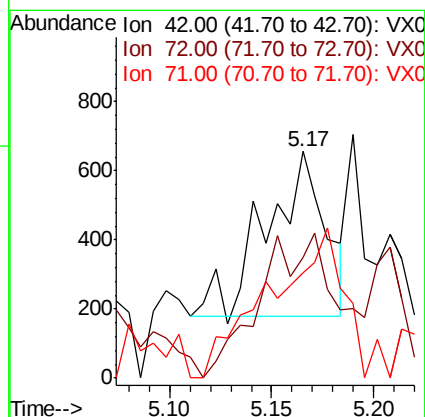
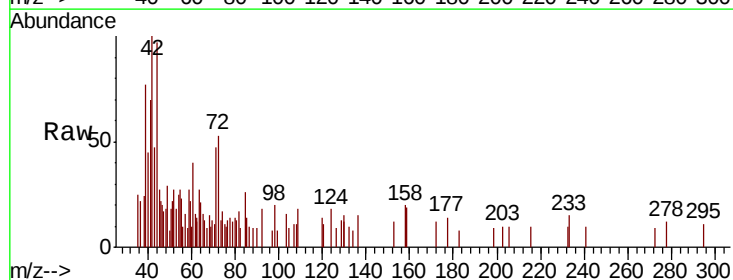
Instrument :
MSVOA_X
ClientSampleId :
FLOORS

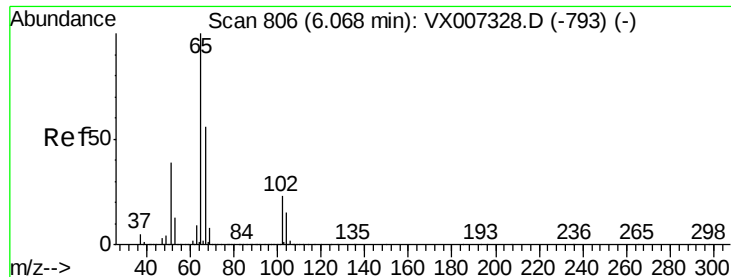
Tgt Ion: 43 Resp: 8504
Ion Ratio Lower Upper
43 100
72 23.9 22.2 33.2



#29
Tetrahydrofuran
Concen: 0.483 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 42 Resp: 963
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 116.1 34.6 51.8#





#33

1,2-Dichloroethane-d4

Concen: 53.567 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampled :

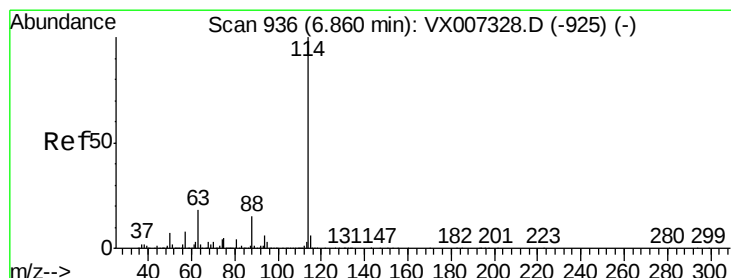
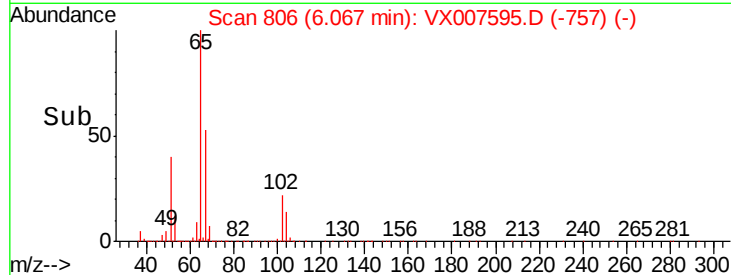
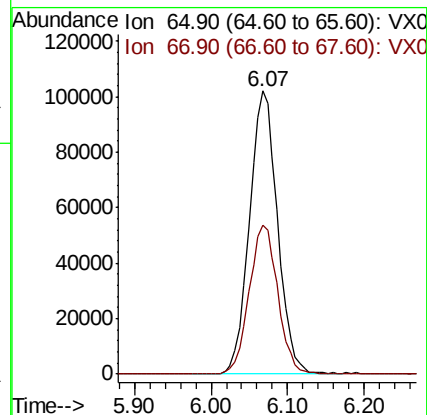
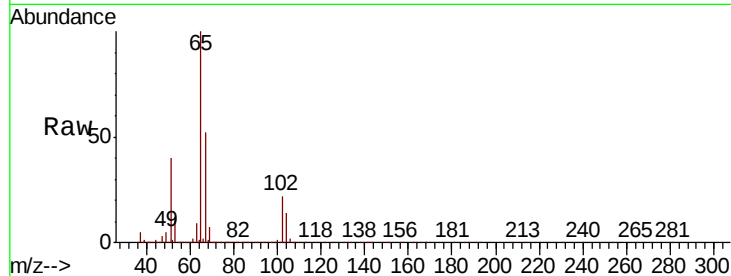
FLOORS

Tgt Ion: 65 Resp: 260378

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

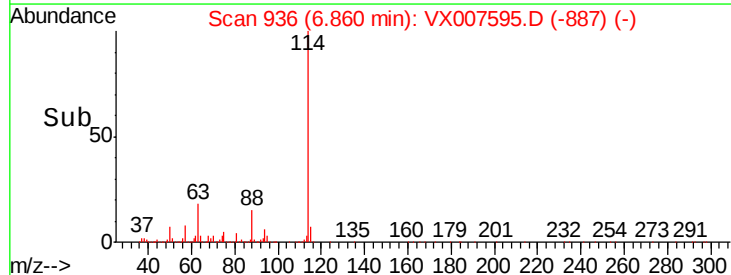
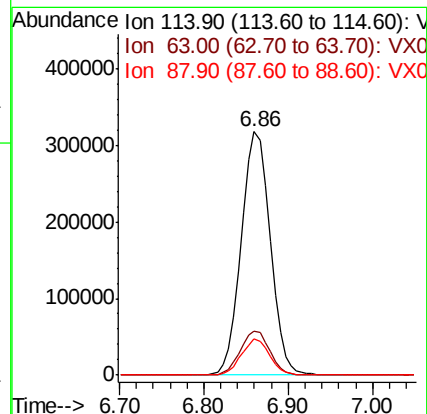
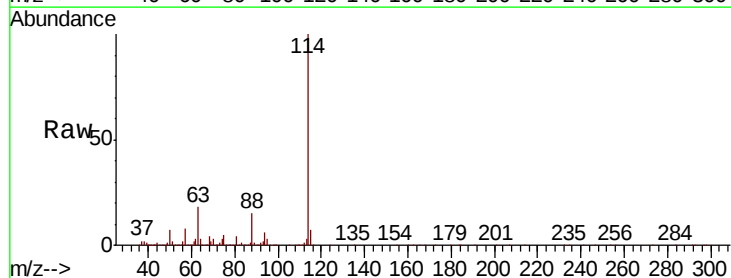
Tgt Ion: 114 Resp: 739982

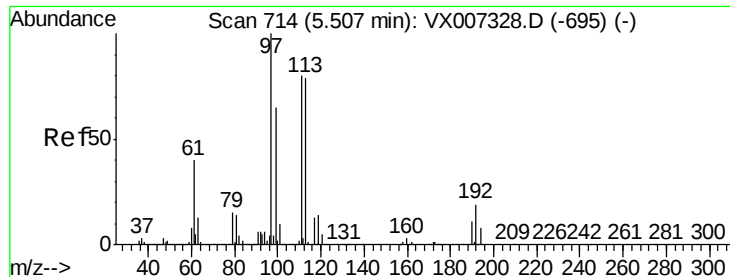
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.7 0.0 29.6

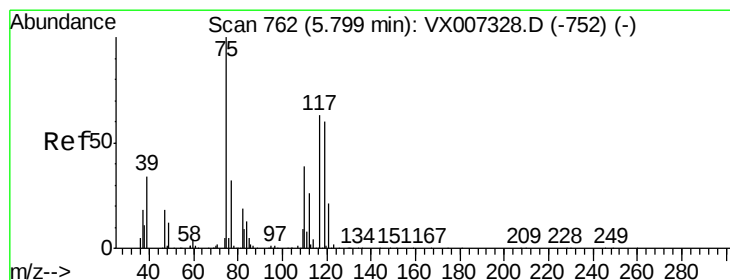
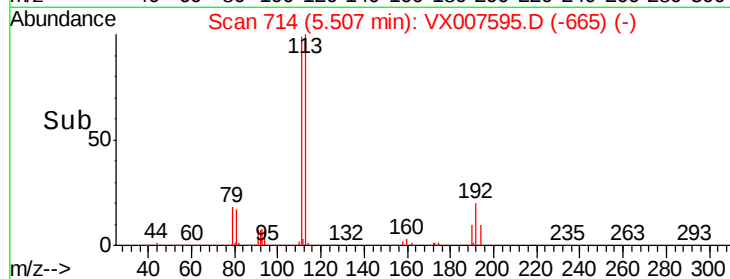
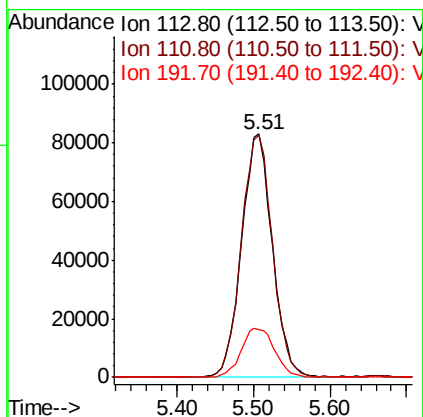
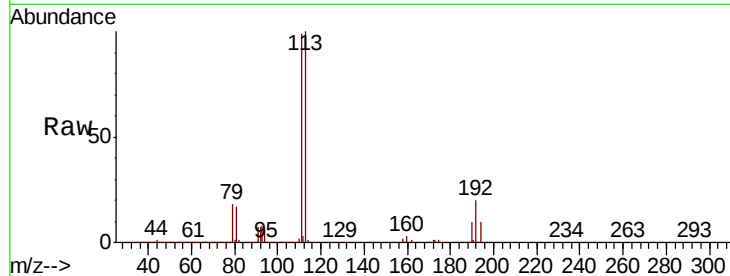




#35
 Dibromofluoromethane
 Concen: 48.256 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

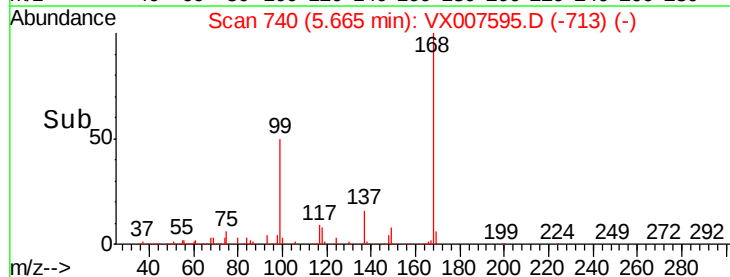
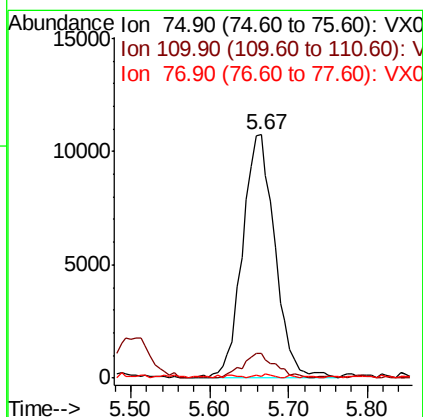
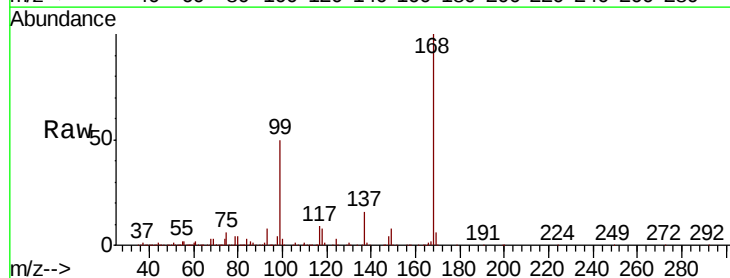
Instrument :
 MSVOA_X
 ClientSampleId :
 FLOORS

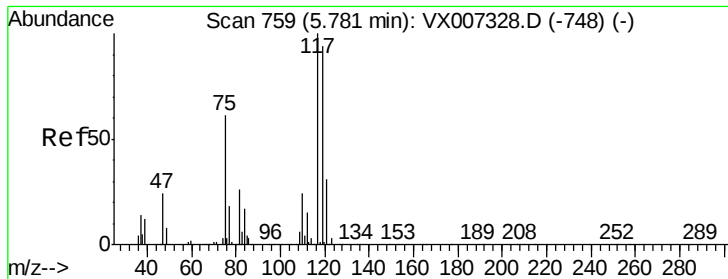
Tgt Ion:113 Resp: 232344
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.8
 192 21.9 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

Tgt Ion: 75 Resp: 30772
 Ion Ratio Lower Upper
 75 100
 110 10.2 20.0 59.9#
 77 0.8 24.7 37.1#

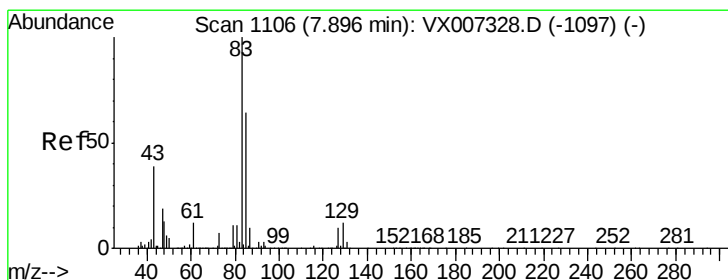
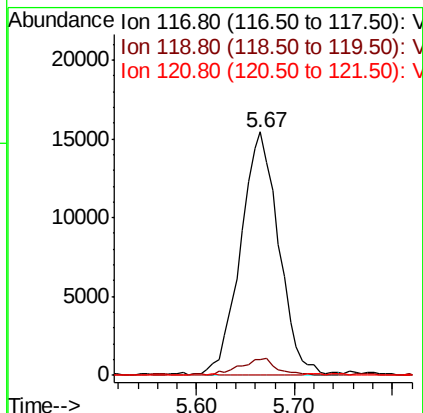
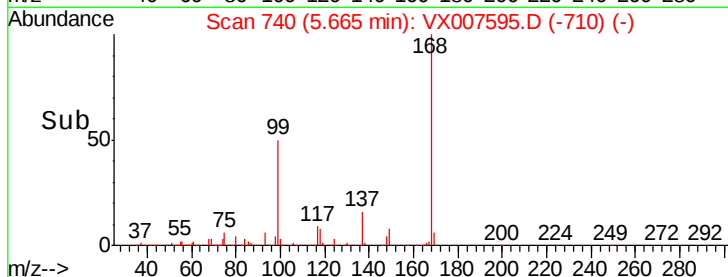
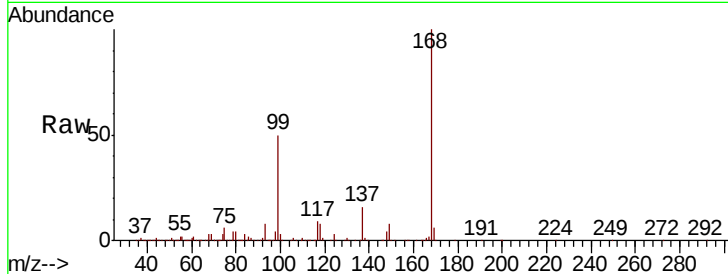




#38
Carbon Tetrachloride
Concen: 6.505 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

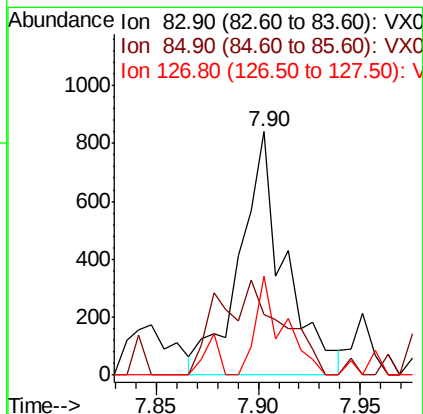
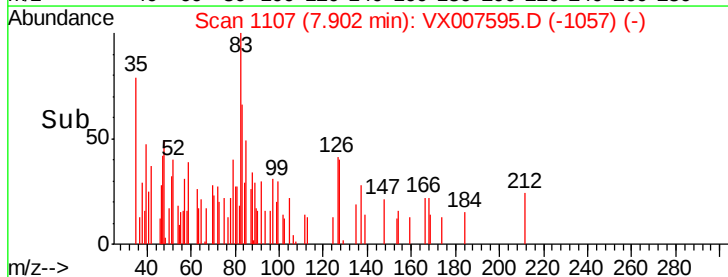
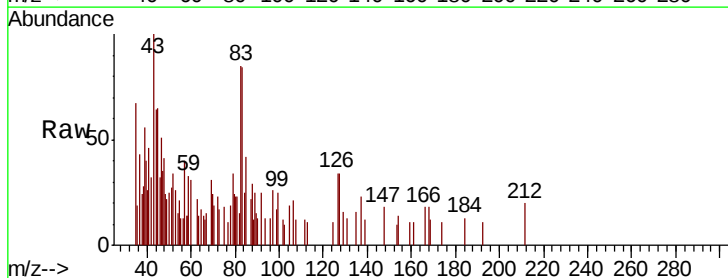
Instrument :
MSVOA_X
ClientSampled :
FLOORS

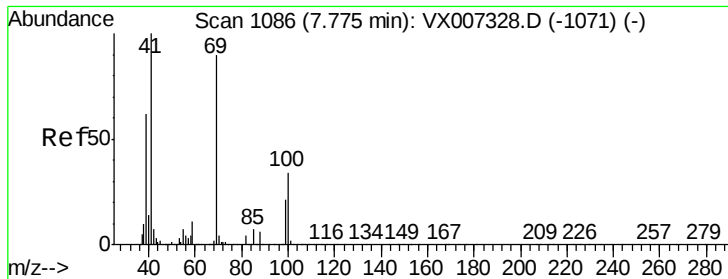
Tgt Ion: 117 Resp: 41903
Ion Ratio Lower Upper
117 100
119 6.5 75.3 112.9#
121 0.0 25.0 37.4#



#47
Bromodichloromethane
Concen: 0.213 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 83 Resp: 1283
Ion Ratio Lower Upper
83 100
85 27.5 51.4 77.0#
127 45.0 8.1 12.1#

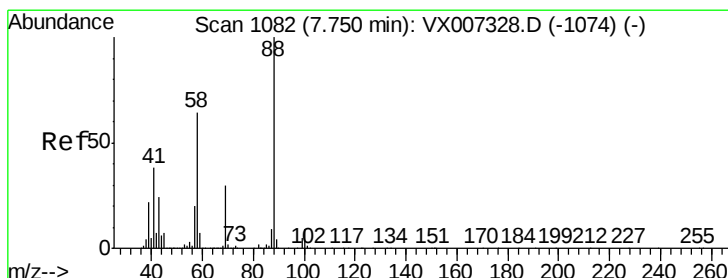
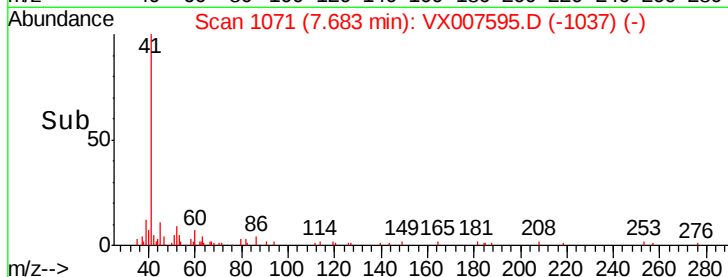
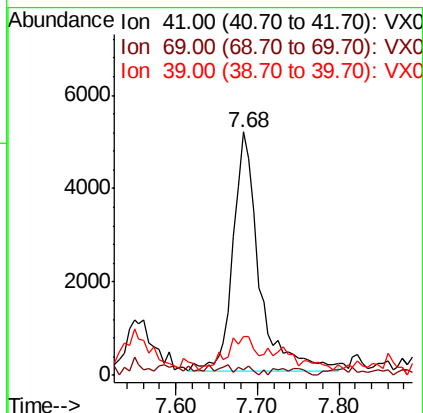
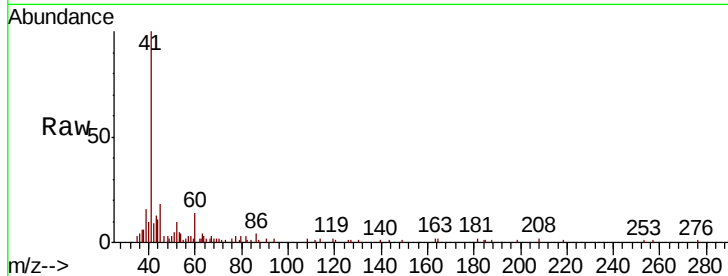




#48
Methyl methacrylate
Concen: 2.169 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

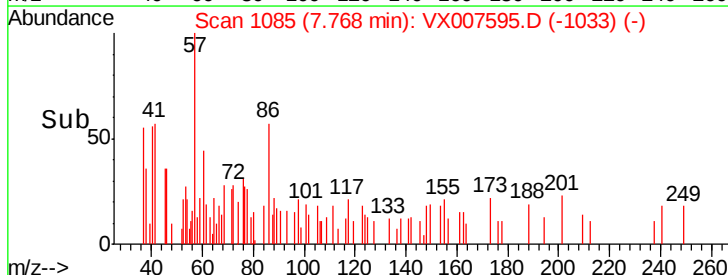
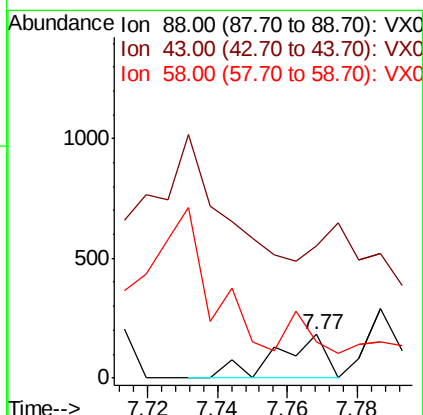
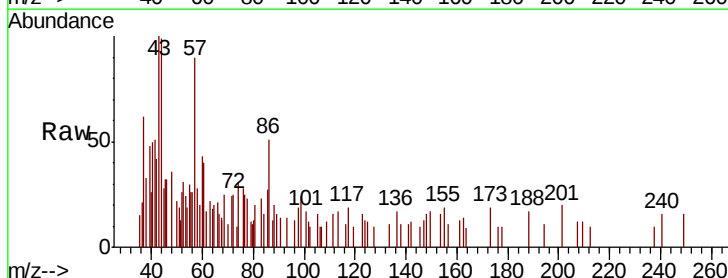
Instrument :
MSVOA_X
ClientSampleId :
FLOORS

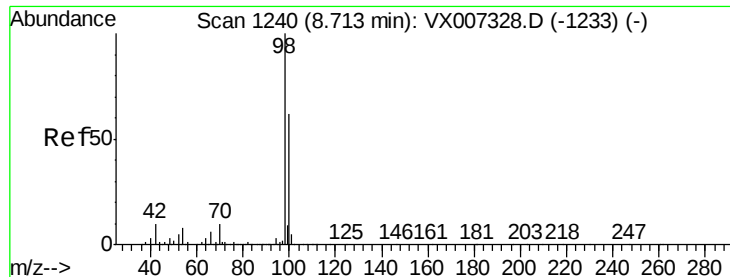
Tgt Ion: 41 Resp: 11241
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 11.8 47.4 71.0#



#49
1,4-Dioxane
Concen: 8.354 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 48.0 53.0 79.4#





#50

Toluene-d8

Concen: 49.616 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

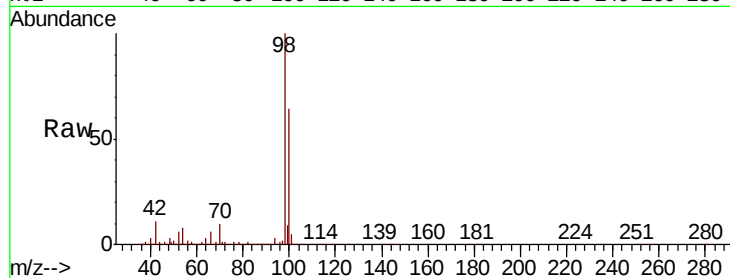
FLOORS

Tgt Ion: 98 Resp: 886319

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

600000

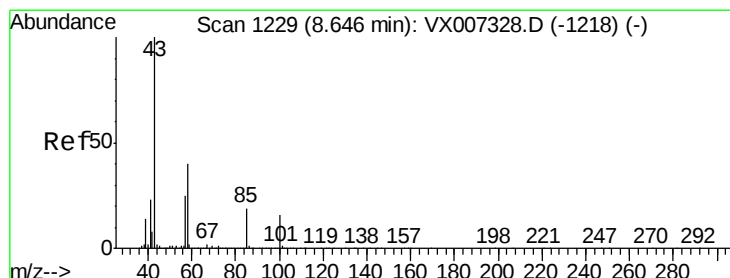
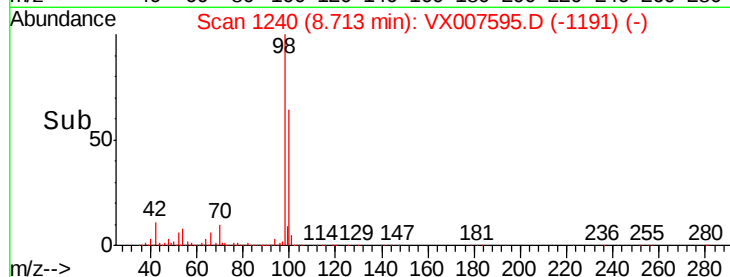
8.71

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.833 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007595.D

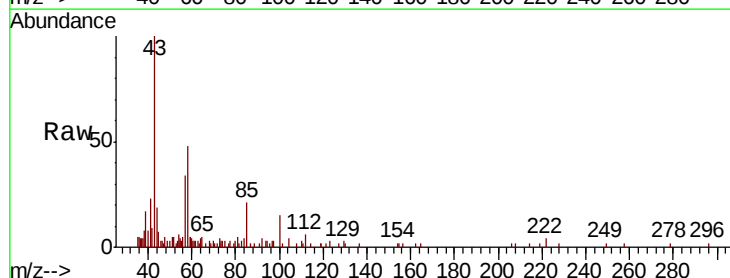
Acq: 18 Feb 2019 18:12

Tgt Ion: 43 Resp: 5681

Ion Ratio Lower Upper

43 100

58 42.9 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

4000

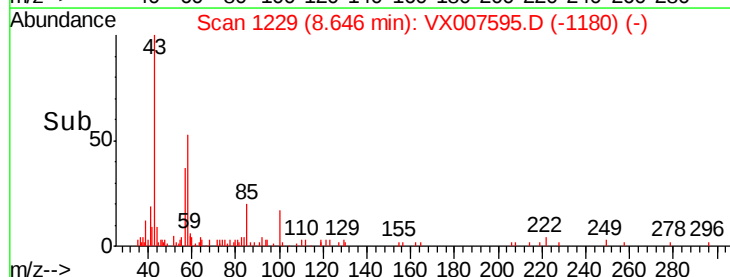
3000

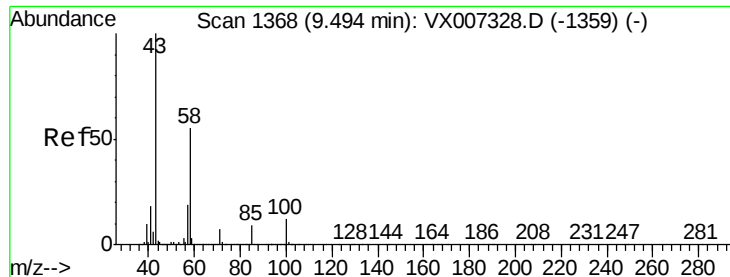
2000

1000

0

Time-->

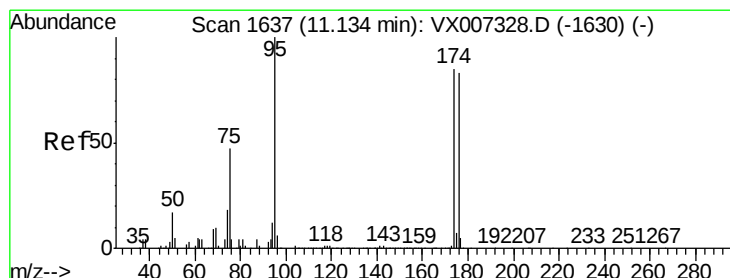
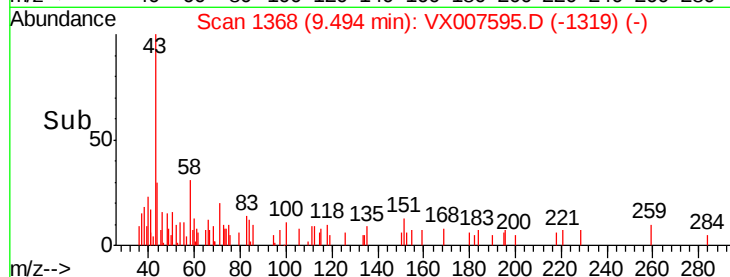
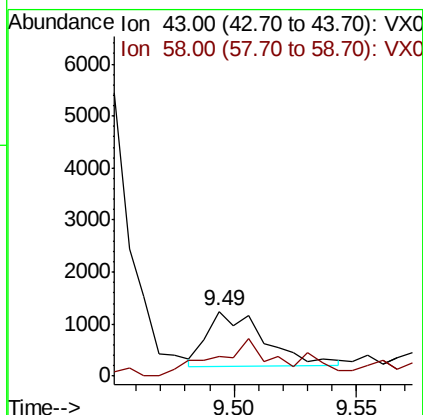
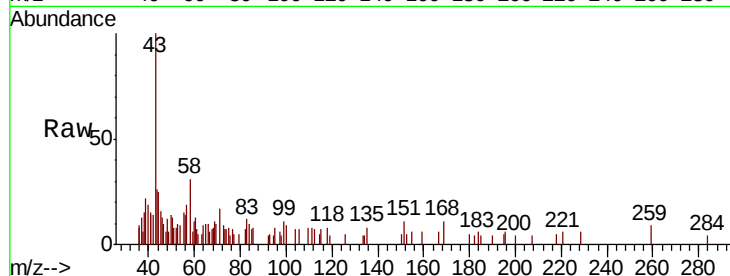




#59
2-Hexanone
Concen: 0.325 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

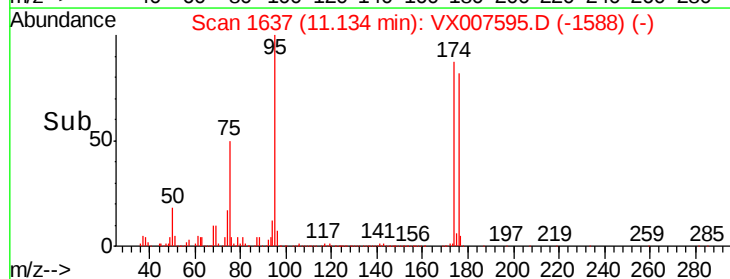
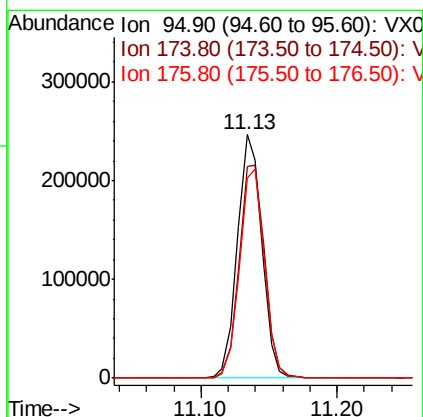
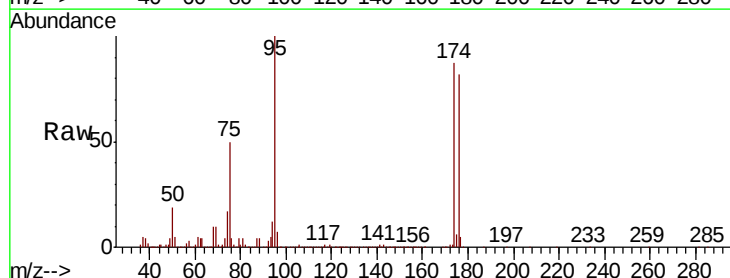
Instrument :
MSVOA_X
ClientSampled :
FLOORS

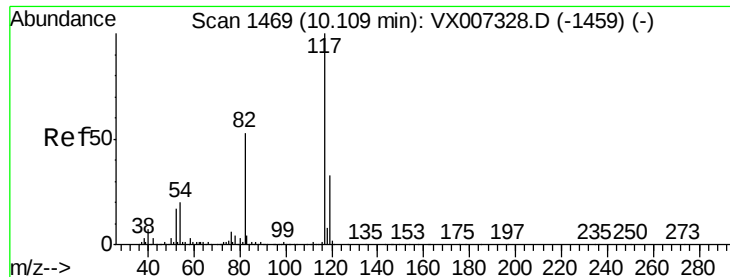
Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
58 64.4 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 47.246 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion: 95 Resp: 308144
Ion Ratio Lower Upper
95 100
174 91.4 0.0 189.2
176 87.7 0.0 186.2

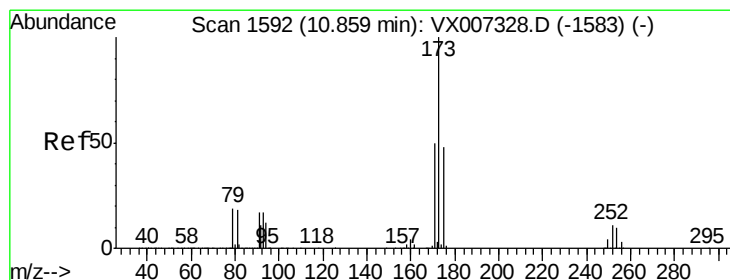
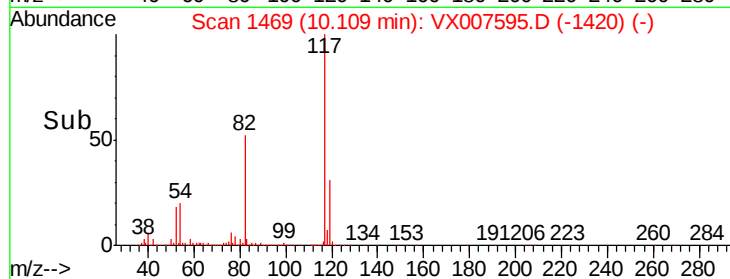
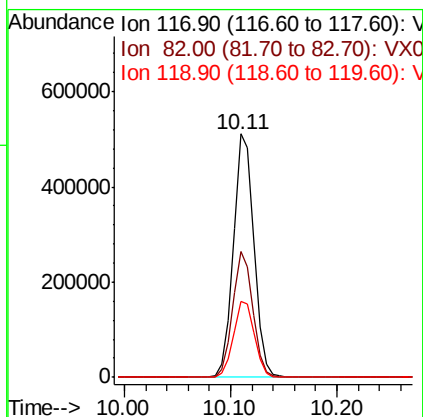
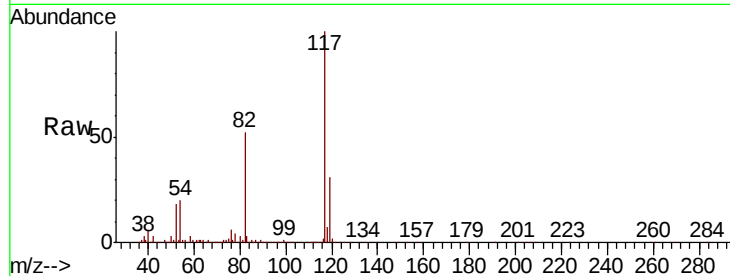




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

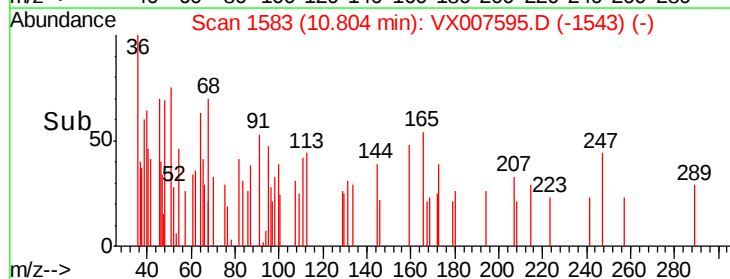
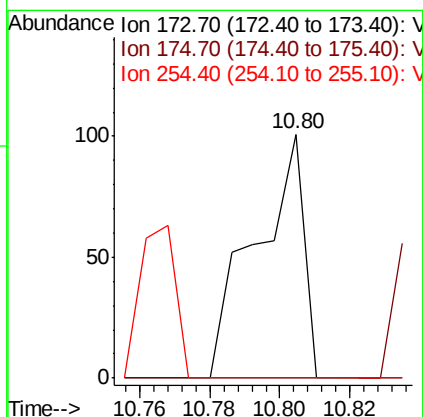
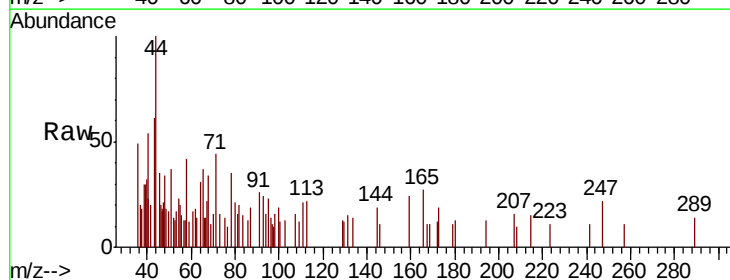
Instrument :
MSVOA_X
ClientSampleId :
FLOORS

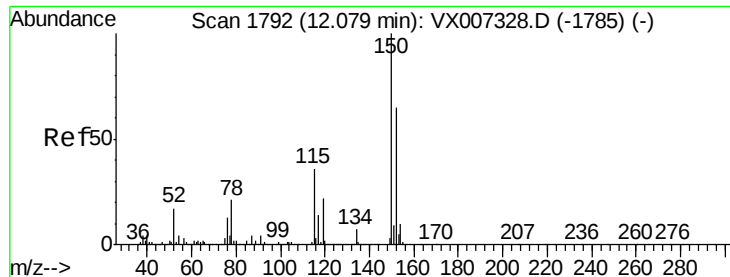
Tgt Ion:117 Resp: 694540
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.0 26.5 39.7



#71
Bromoform
Concen: 4.049 ug/l
RT: 10.80 min Scan# 1583
Delta R.T. -0.05 min
Lab File: VX007595.D
Acq: 18 Feb 2019 18:12

Tgt Ion:173 Resp: 97
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampled :

FLOORS

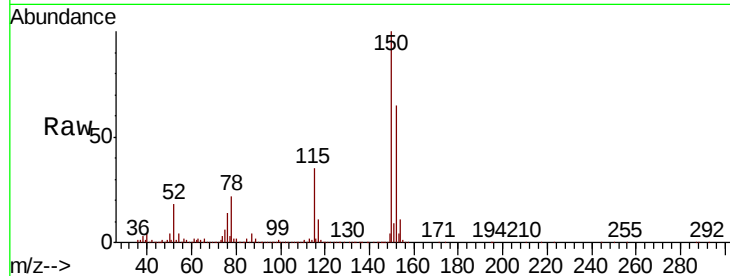
Tgt Ion:152 Resp: 324833

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

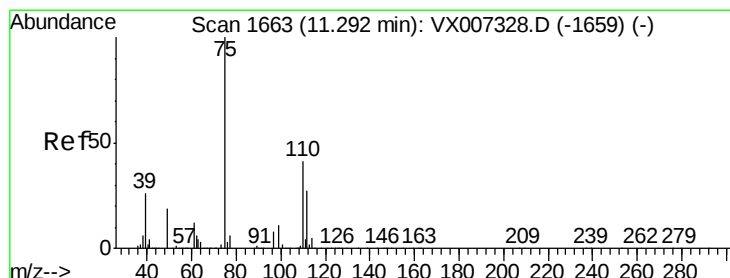
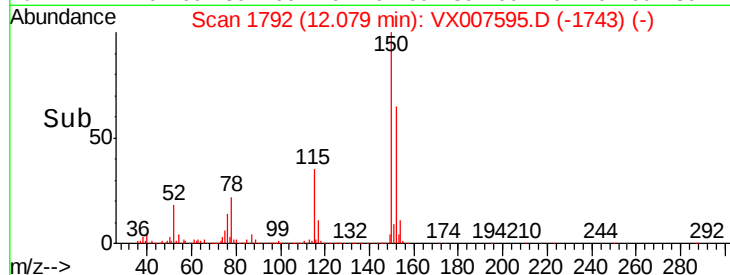
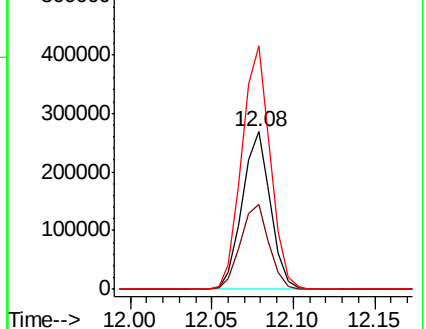
150 156.0 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 23.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007595.D

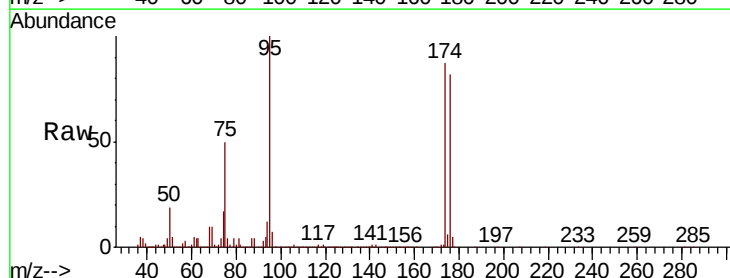
Acq: 18 Feb 2019 18:12

Tgt Ion: 75 Resp: 148371

Ion Ratio Lower Upper

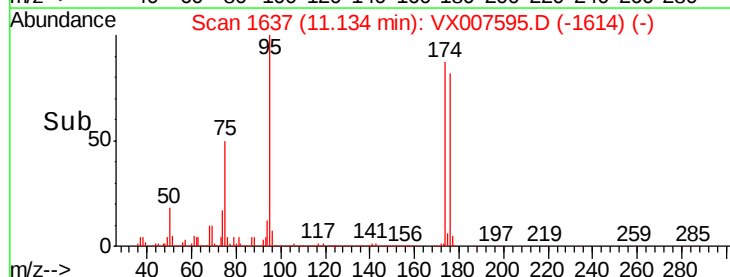
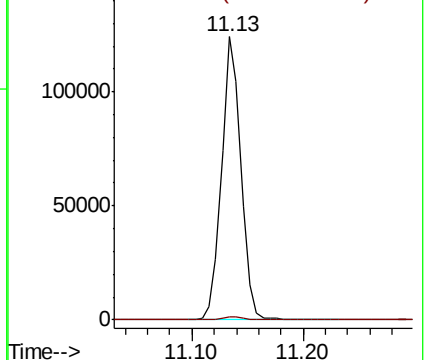
75 100

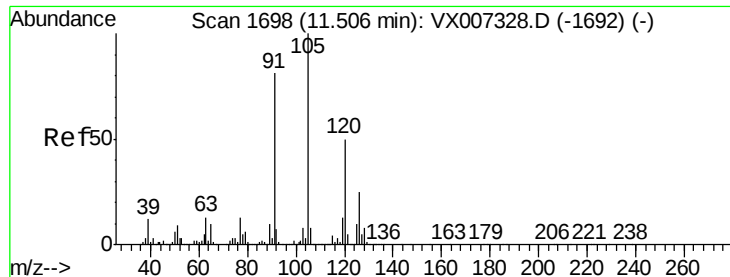
77 1.4 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

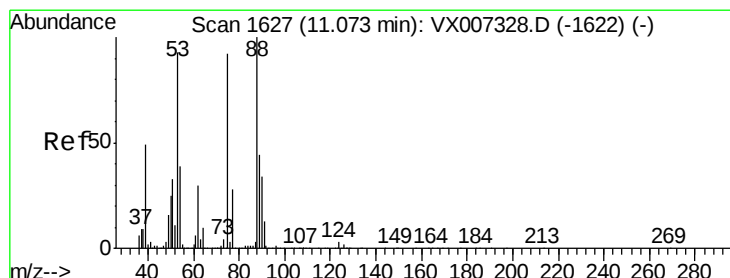
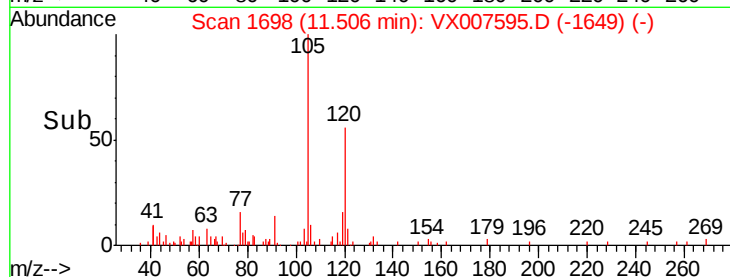
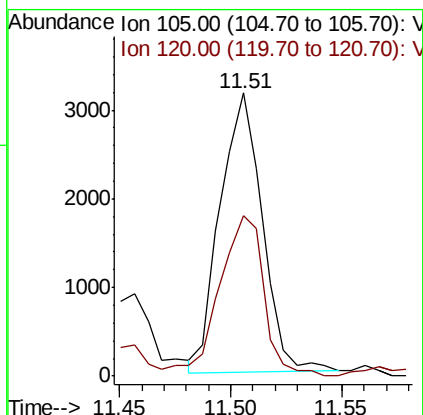
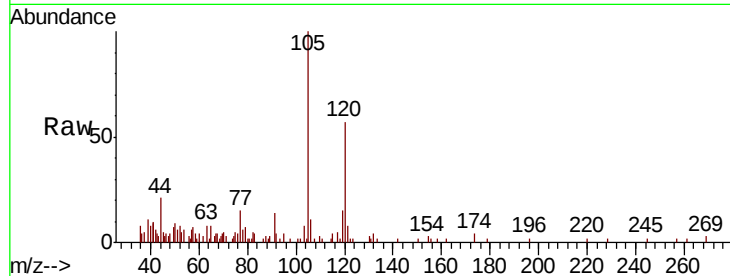




#80
 1,3,5-Trimethylbenzene
 Concen: 0.229 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

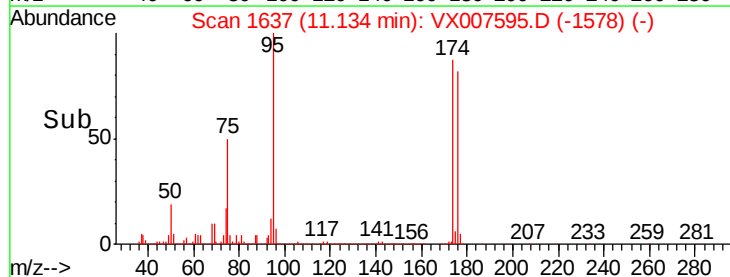
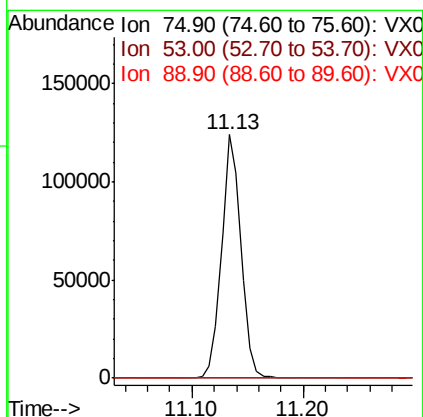
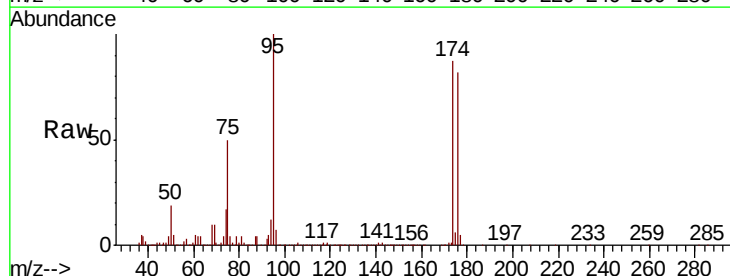
Instrument :
 MSVOA_X
 ClientSampled :
 FLOORS

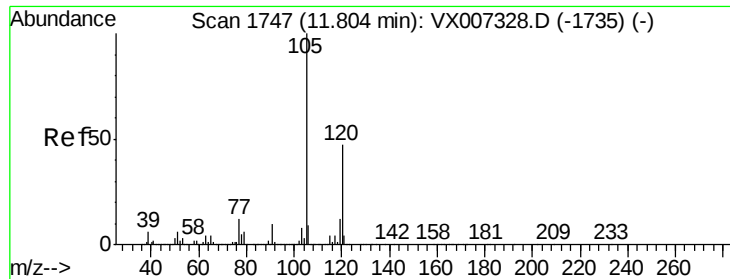
Tgt Ion: 105 Resp: 4142
 Ion Ratio Lower Upper
 105 100
 120 61.0 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.672 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

Tgt Ion: 75 Resp: 148371
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.6#
 89 0.1 41.4 62.0#

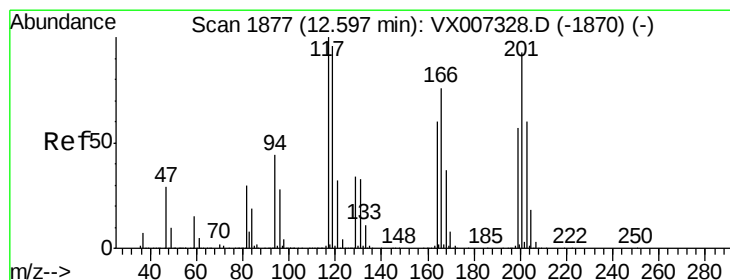
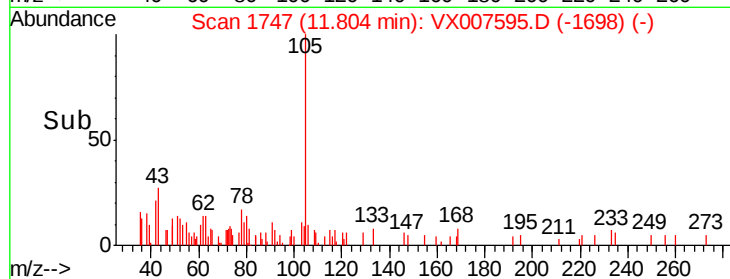
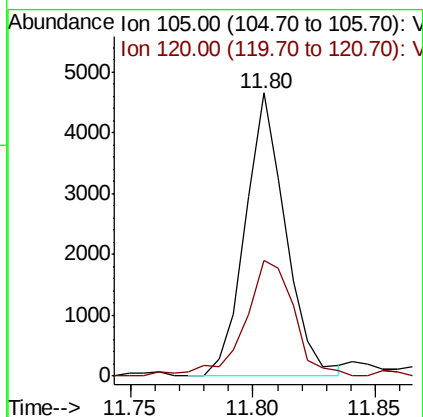
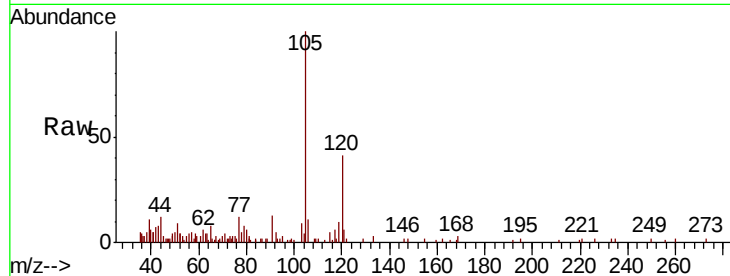




#84
 1,2,4-Trimethylbenzene
 Concen: 0.293 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

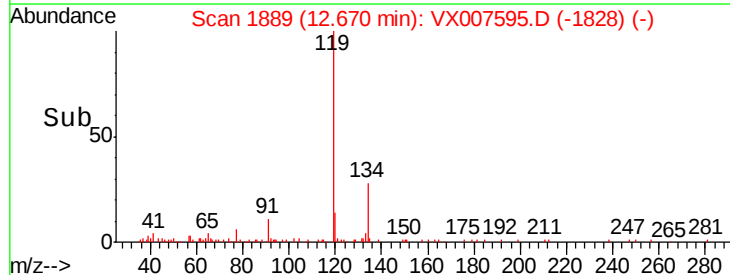
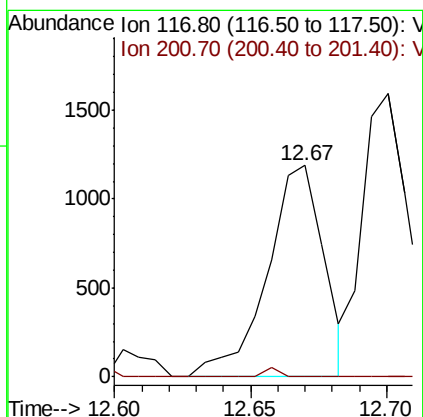
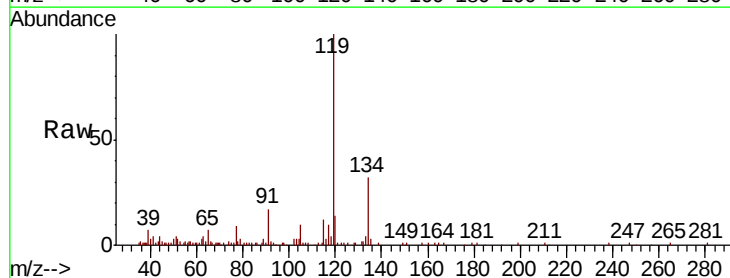
Instrument :
 MSVOA_X
 ClientSampled :
 FLOORS

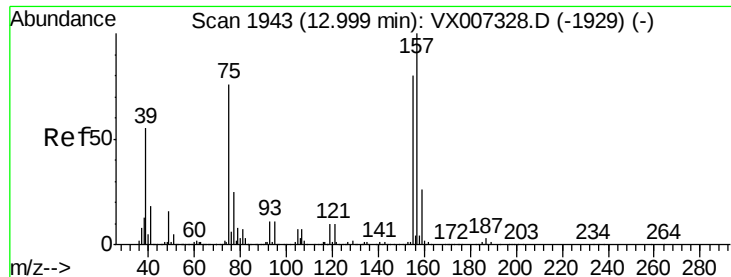
Tgt Ion:105 Resp: 5374
 Ion Ratio Lower Upper
 105 100
 120 49.6 23.1 69.3



#90
 Hexachloroethane
 Concen: 0.588 ug/l
 RT: 12.67 min Scan# 1889
 Delta R.T. 0.07 min
 Lab File: VX007595.D
 Acq: 18 Feb 2019 18:12

Tgt Ion:117 Resp: 1720
 Ion Ratio Lower Upper
 117 100
 201 1.1 44.9 134.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.219 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampled :

FLOORS

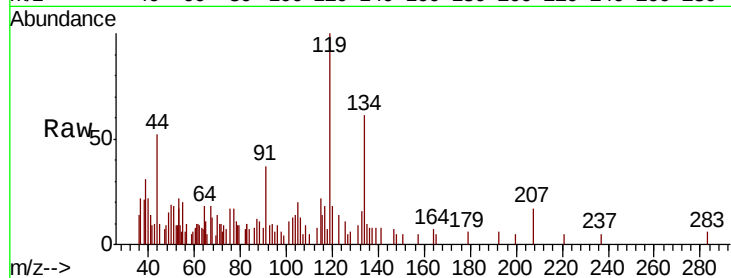
Tgt Ion: 75 Resp: 307

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

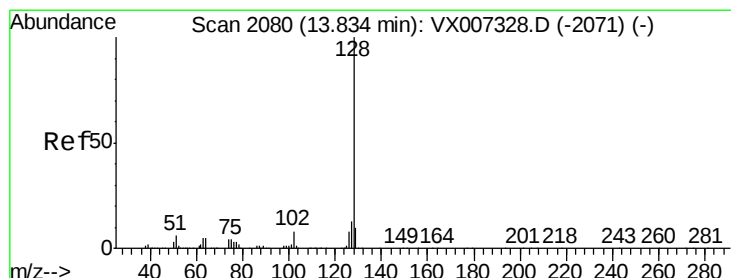
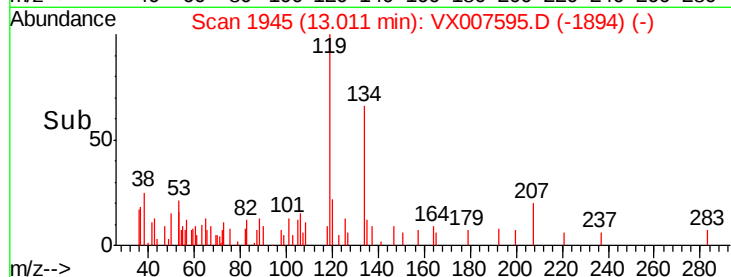
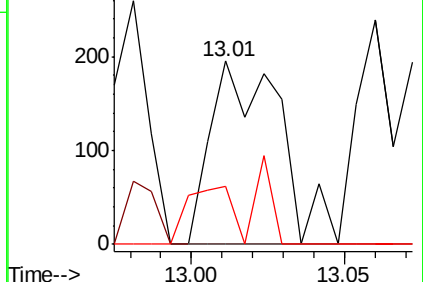
157 20.5 65.1 195.3#



Abundance Ion 74.90 (74.60 to 75.60): VX007328.D (-1929) (-)

Ion 154.80 (154.50 to 155.50): VX007328.D (-1929) (-)

Ion 156.80 (156.50 to 157.50): VX007328.D (-1929) (-)



#95

Naphthalene

Concen: 0.548 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007595.D

Acq: 18 Feb 2019 18:12

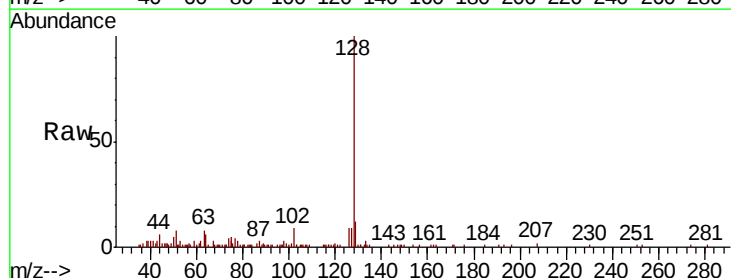
Tgt Ion: 128 Resp: 12006

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

129 15.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VX007328.D (-2071) (-)

Ion 127.00 (126.70 to 127.70): VX007328.D (-2071) (-)

Ion 129.00 (128.70 to 129.70): VX007328.D (-2071) (-)

