

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003487.D
 Acq On : 20 Jul 2018 02:19
 Operator : JC/SP
 Sample : J3170-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-071118

Quant Time: Jul 26 03:39:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227352	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	189691	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	176064	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	8.72	98	633991	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.14	95	216833	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

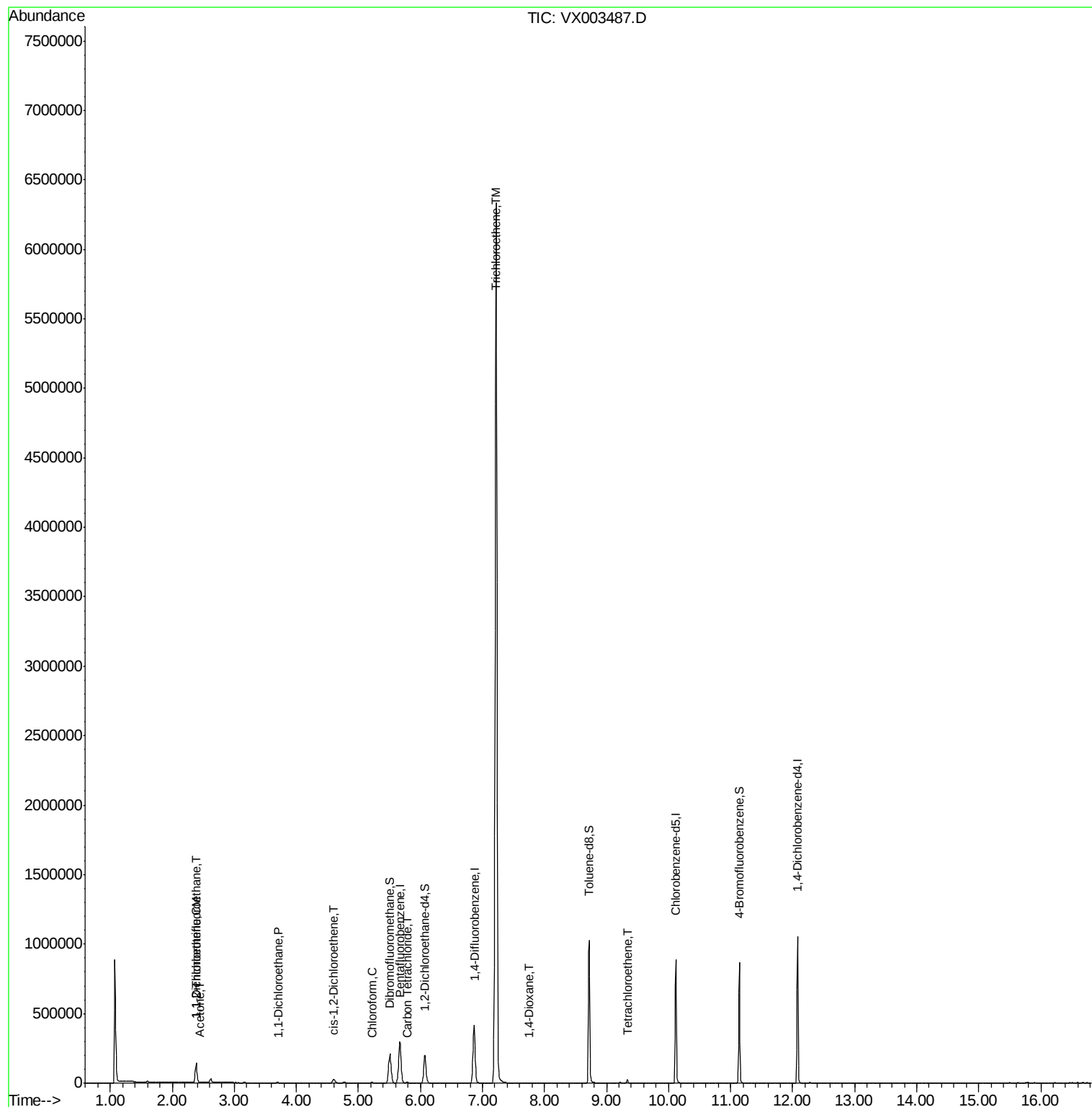
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47872	14.086	ug/l	96
12) 1,1-Dichloroethene	2.37	96	13093	4.184	ug/l	88
16) Acetone	2.44	43	3216	2.348	ug/l #	83
24) 1,1-Dichloroethane	3.70	63	5353	0.875	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	13873	3.578	ug/l	52
30) Chloroform	5.22	83	4081	0.683	ug/l	98
38) Carbon Tetrachloride	5.79	117	2925	0.626	ug/l	92
44) Trichloroethene	7.22	130	2570535	599.020	ug/l	100
49) 1,4-Dioxane	7.76	88	1691	20.629	ug/l #	90
64) Tetrachloroethene	9.34	164	5549	1.096	ug/l	91

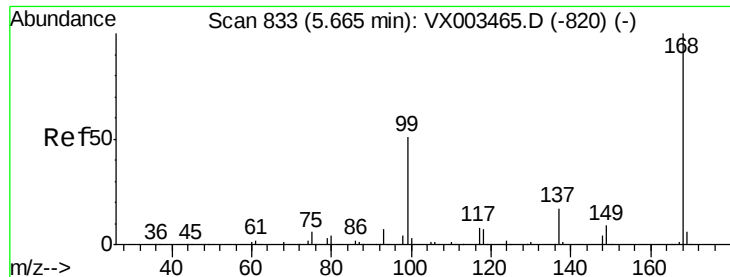
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003487.D
Acq On : 20 Jul 2018 02:19
Operator : JC/SP
Sample : J3170-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

Quant Time: Jul 26 03:39:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

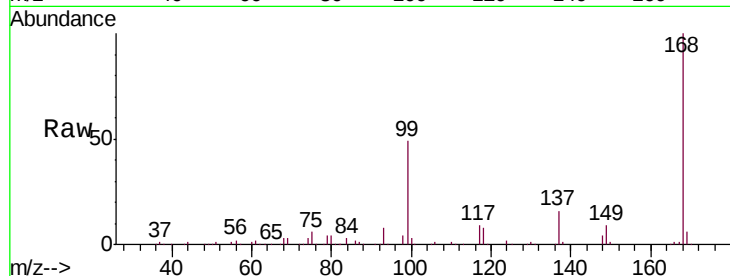
RE120D2-071118

Tot Ion:168 Resp: 306384

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

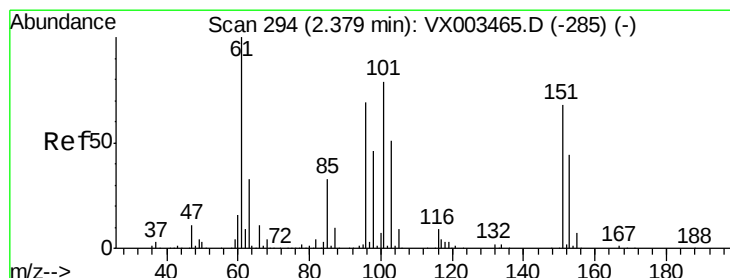
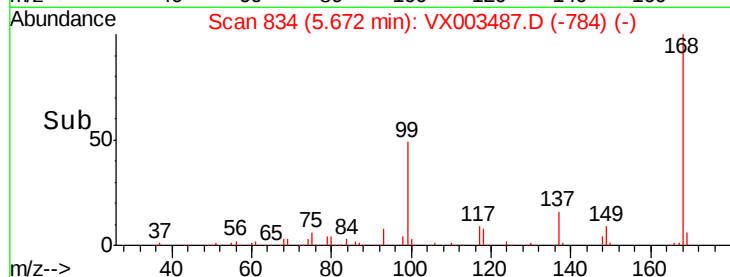
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.086 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

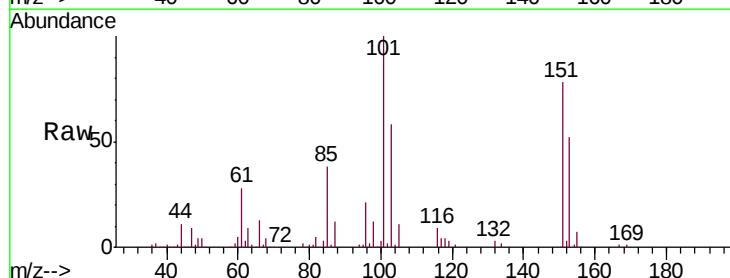
Tgt Ion:101 Resp: 47872

Ion Ratio Lower Upper

101 100

85 42.3 36.0 54.0

151 85.3 70.9 106.3



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

2.39

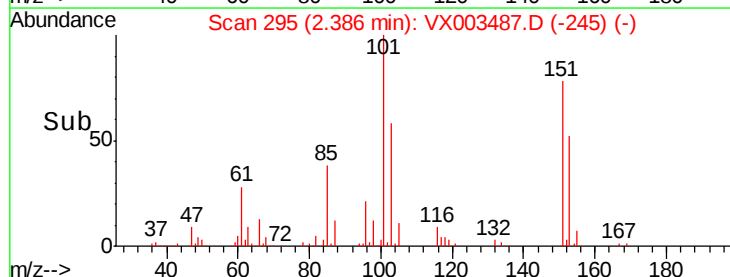
30000

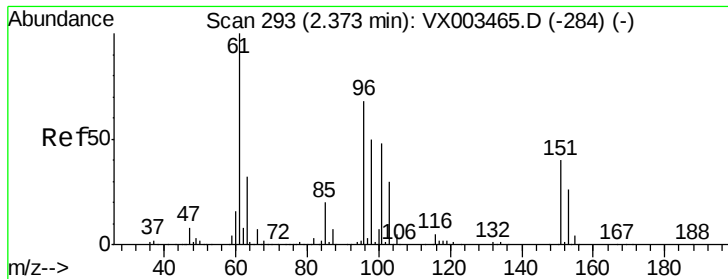
20000

10000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 4.184 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-071118

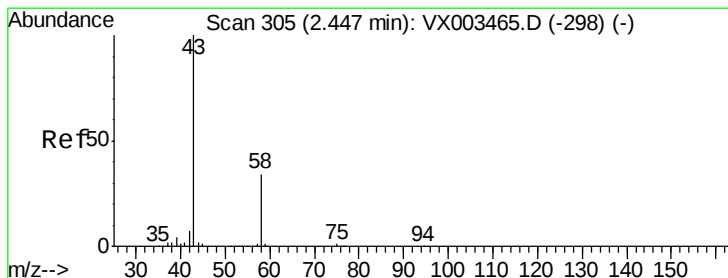
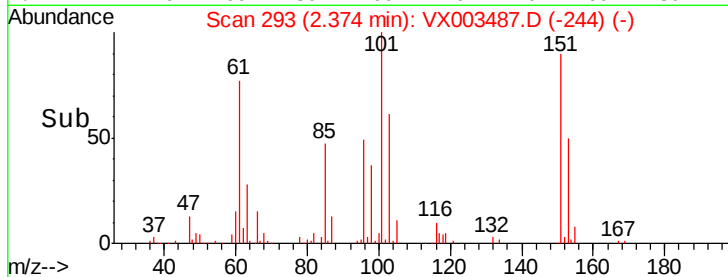
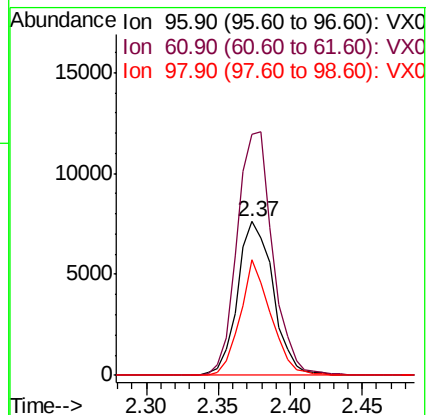
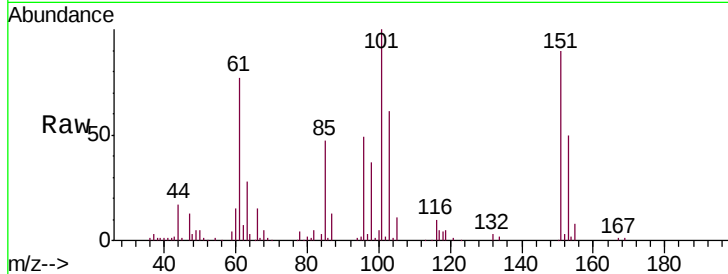
Tot Ion: 96 Resp: 13093

Ion Ratio Lower Upper

96 100

61 156.7 137.9 206.9

98 75.4 51.6 77.4



#16

Acetone

Concen: 2.348 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX003487.D

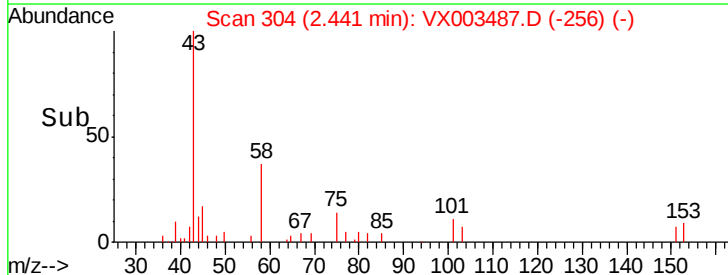
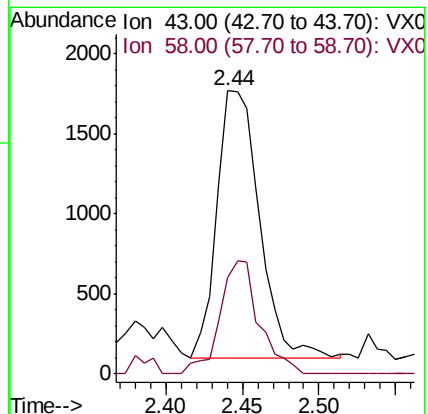
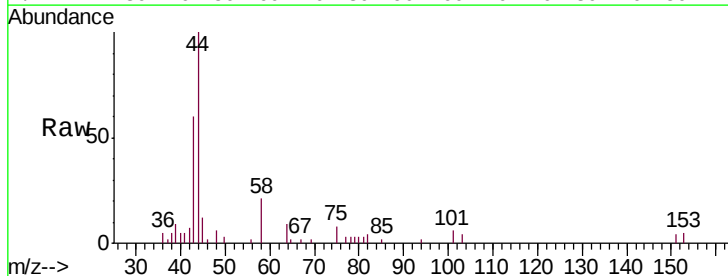
Acq: 20 Jul 2018 02:19

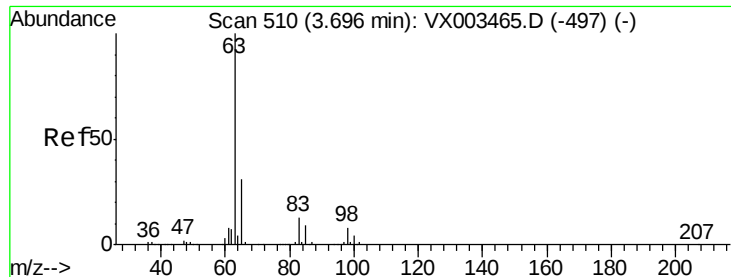
Tgt Ion: 43 Resp: 3216

Ion Ratio Lower Upper

43 100

58 36.2 22.1 33.1#





#24

1,1-Dichloroethane

Concen: 0.875 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-071118

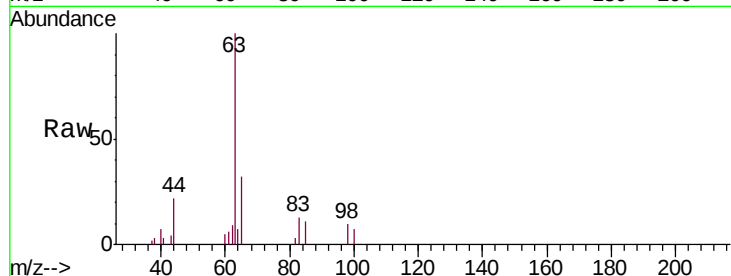
Tot Ion: 63 Resp: 5353

Ion Ratio Lower Upper

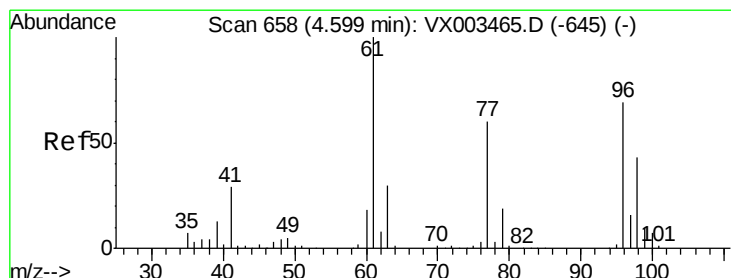
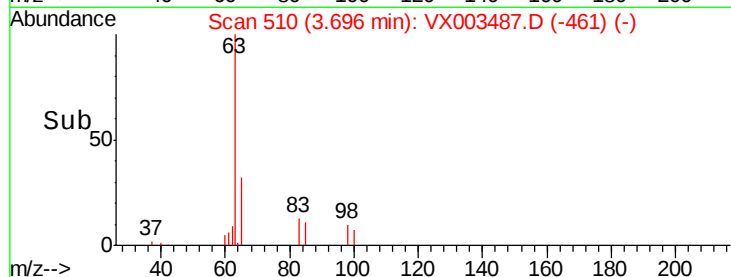
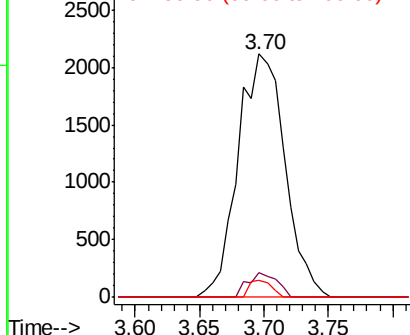
63 100

98 10.3 3.4 10.2#

100 6.8 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.578 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

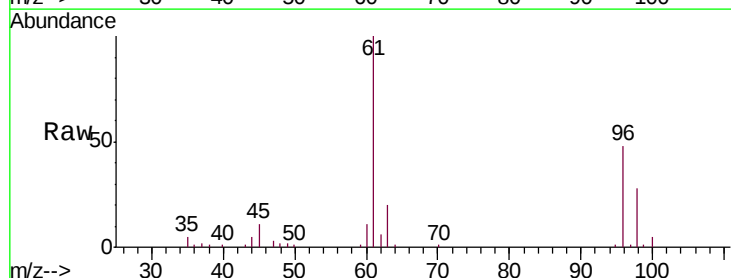
Tgt Ion: 96 Resp: 13873

Ion Ratio Lower Upper

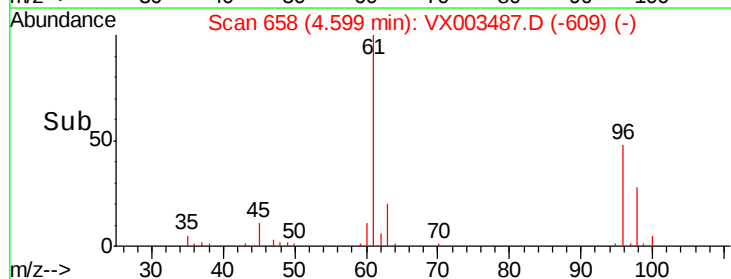
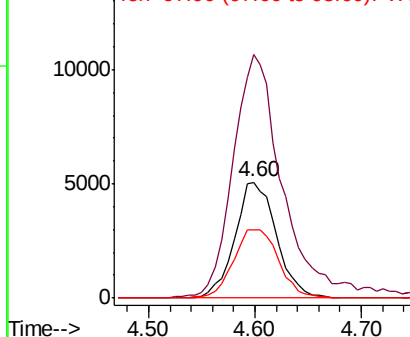
96 100

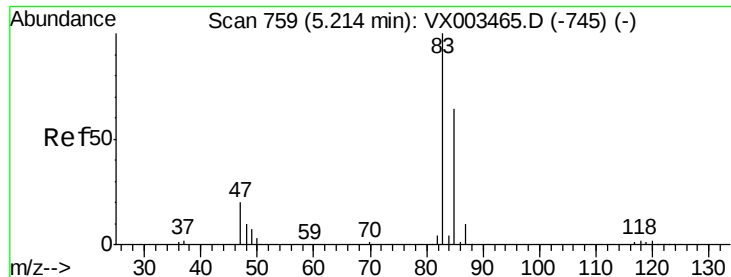
61 254.6 0.0 330.2

98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

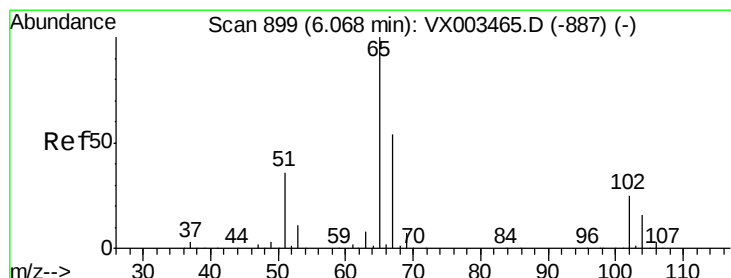
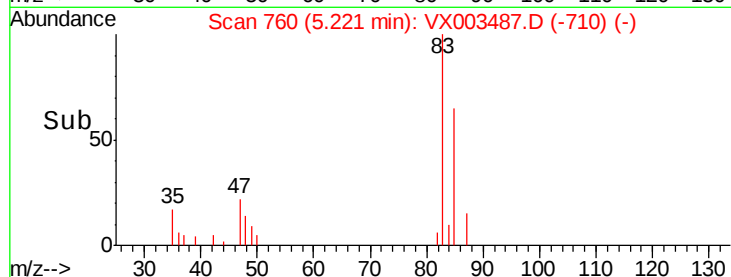
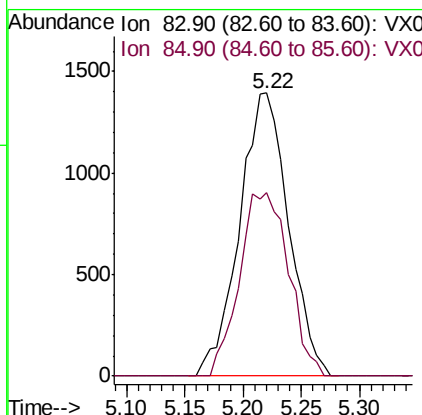
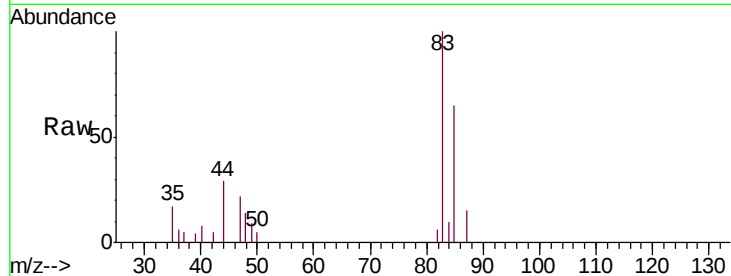




#30
Chloroform
Concen: 0.683 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

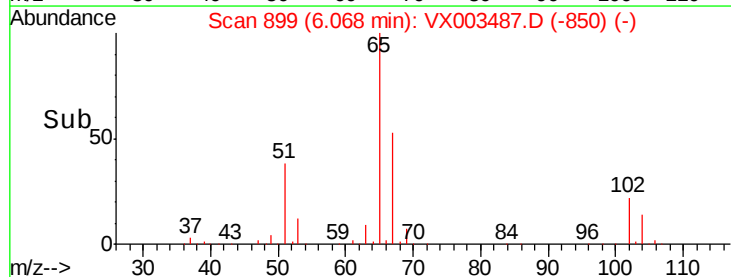
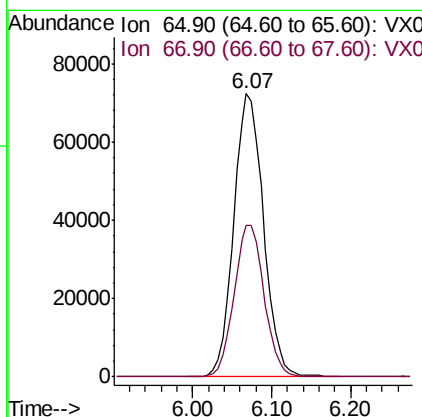
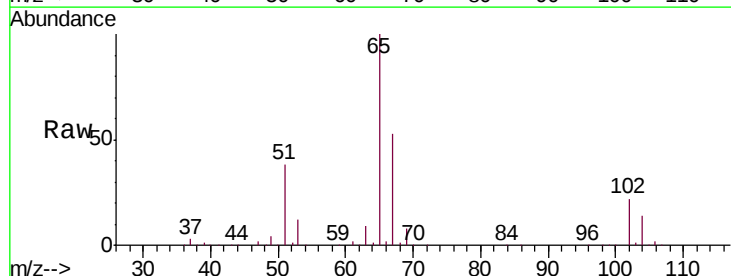
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

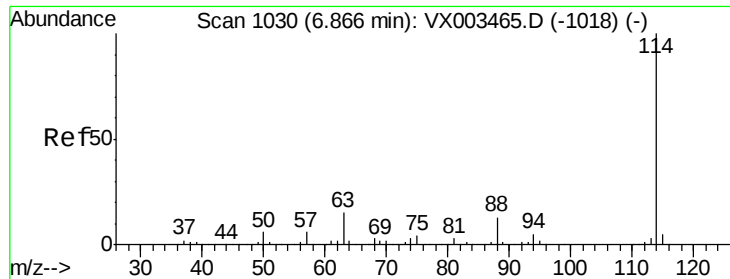
Tot Ion: 83 Resp: 4081
Ion Ratio Lower Upper
83 100
85 64.8 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 52.303 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Tgt Ion: 65 Resp: 189691
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.6

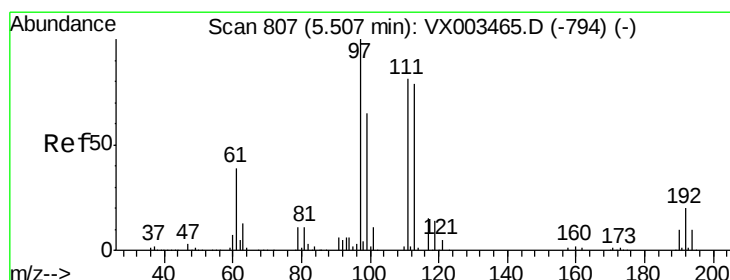
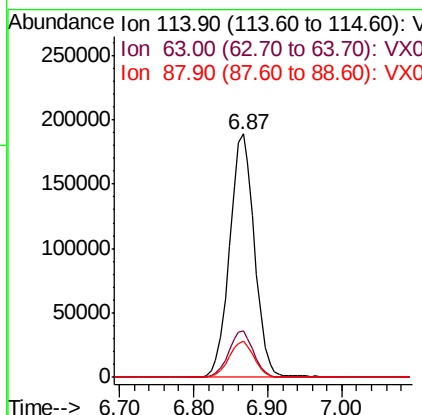
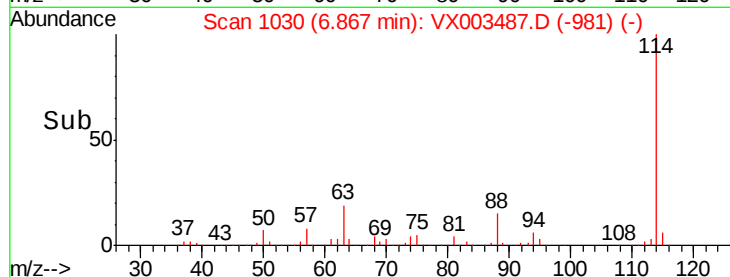
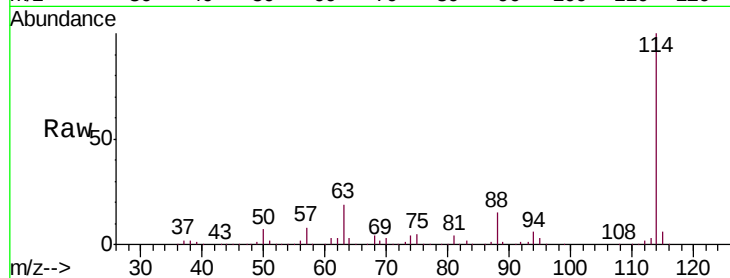




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

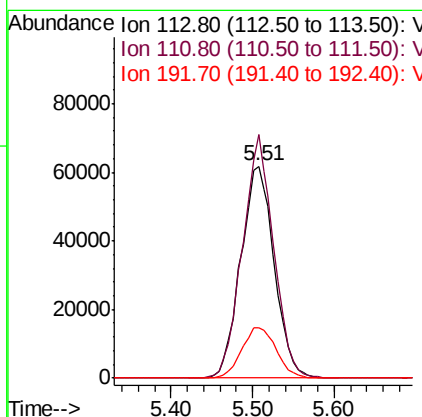
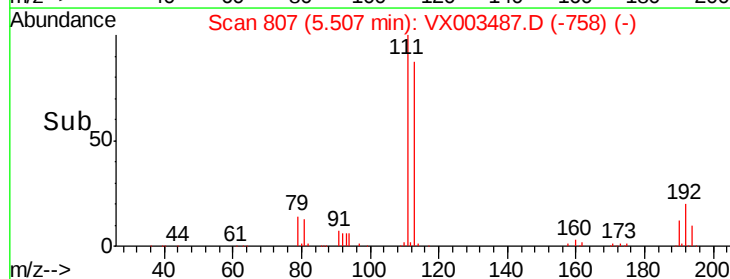
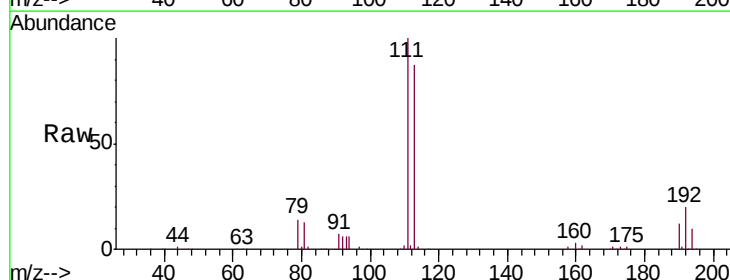
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

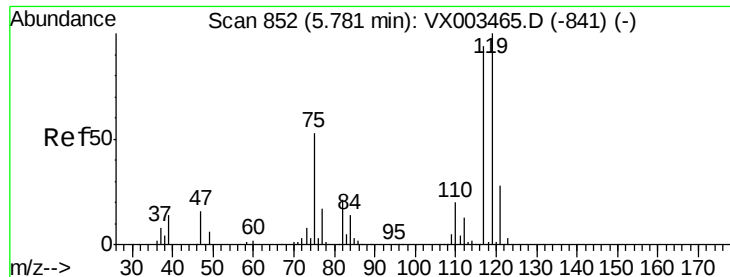
Tot Ion:114 Resp: 441419
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.4
88 15.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 52.366 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Tgt Ion:113 Resp: 176064
Ion Ratio Lower Upper
113 100
111 106.8 81.4 122.0
192 24.6 19.1 28.7

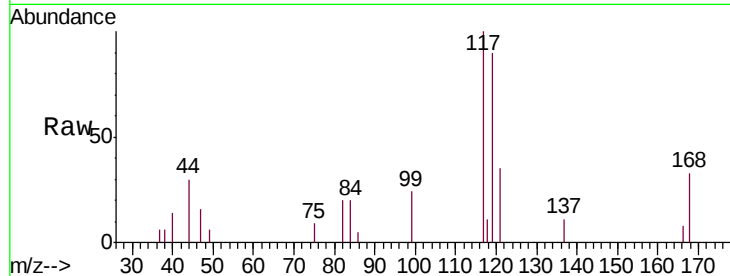




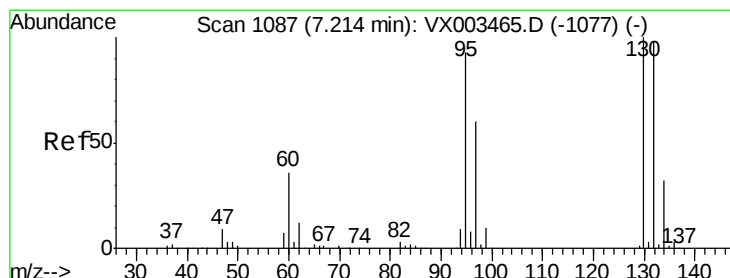
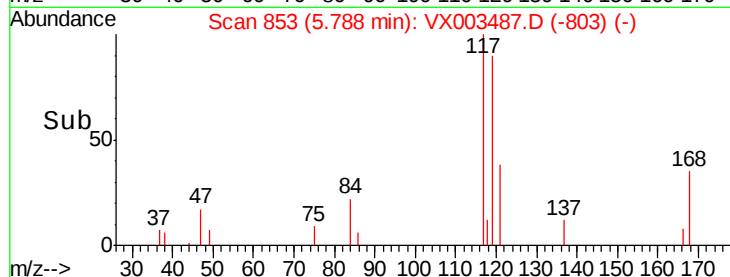
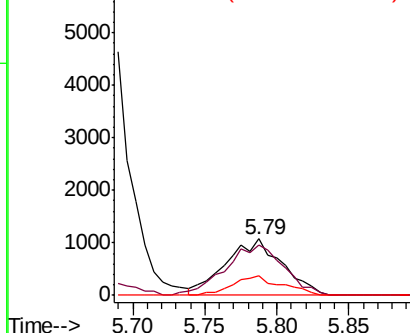
#38
Carbon Tetrachloride
Concen: 0.626 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

Tot Ion:117 Resp: 2925
Ion Ratio Lower Upper
117 100
119 89.7 77.4 116.0
121 35.4 24.4 36.6

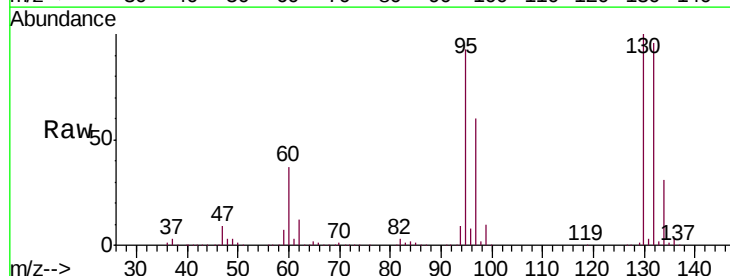


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

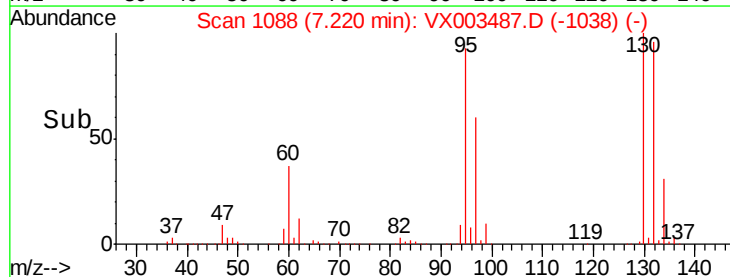
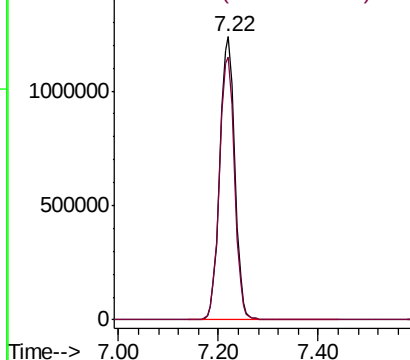


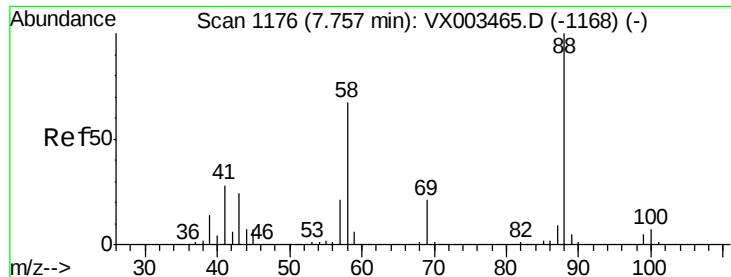
#44
Trichloroethene
Concen: 599.020 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Tgt Ion:130 Resp: 2570535
Ion Ratio Lower Upper
130 100
95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

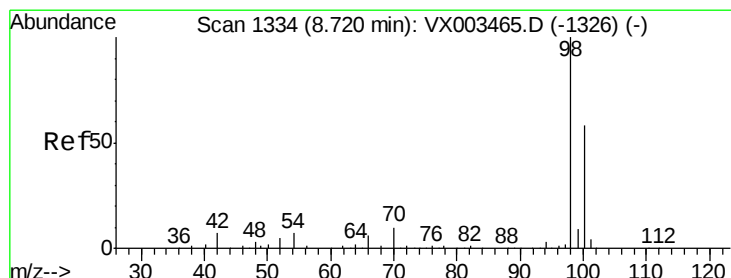
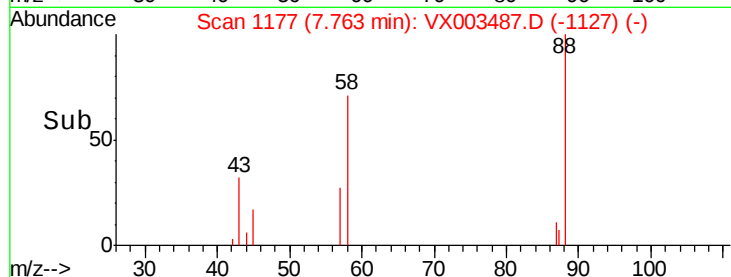
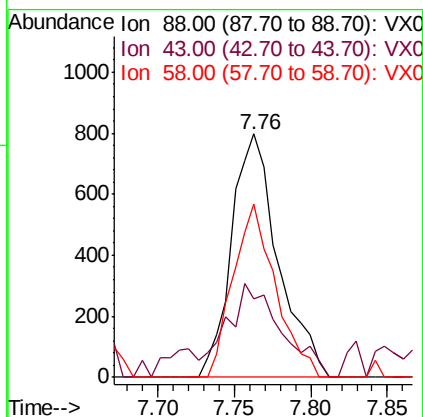
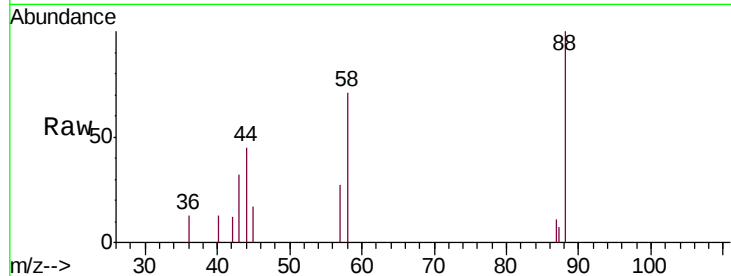




#49
1,4-Dioxane
Concen: 20.629 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

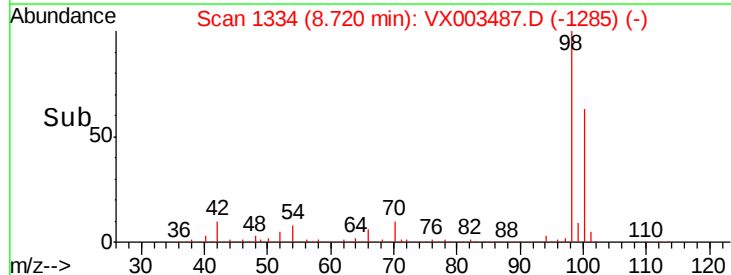
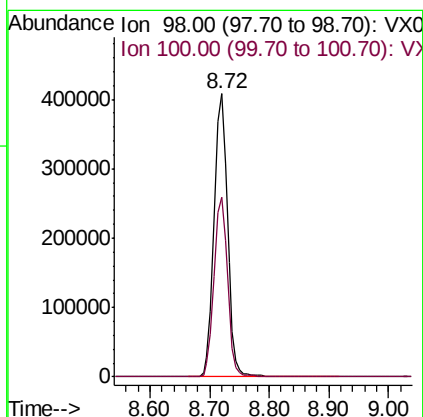
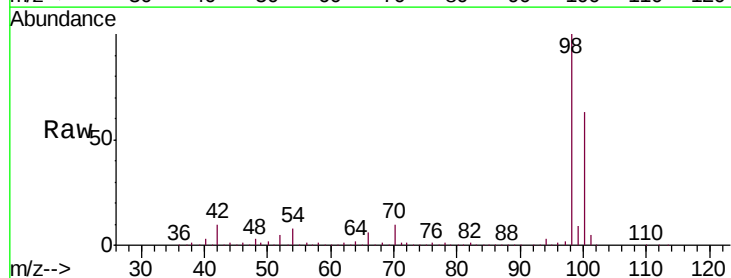
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

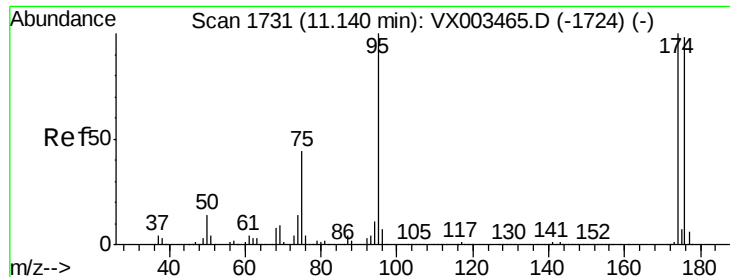
Tot Ion: 88 Resp: 1691
Ion Ratio Lower Upper
88 100
43 44.7 29.8 44.6#
58 64.7 57.1 85.7



#50
Toluene-d8
Concen: 50.169 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Tgt Ion: 98 Resp: 633991
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

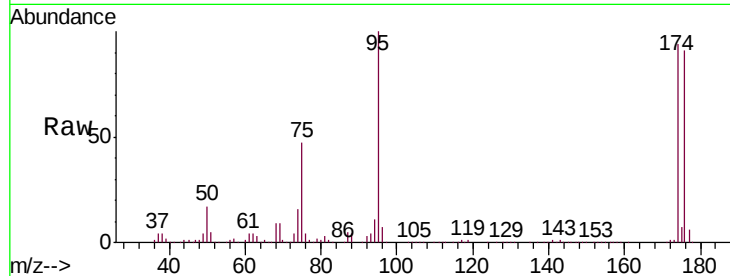




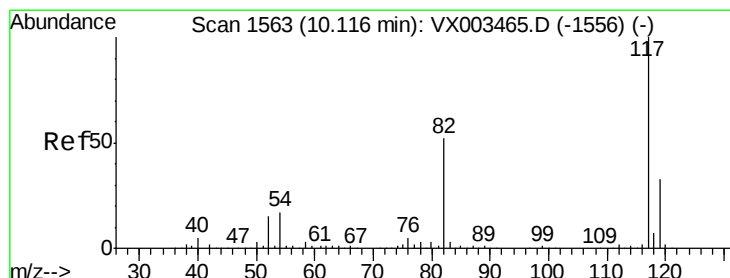
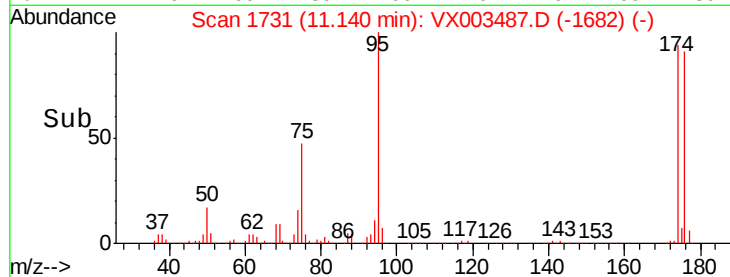
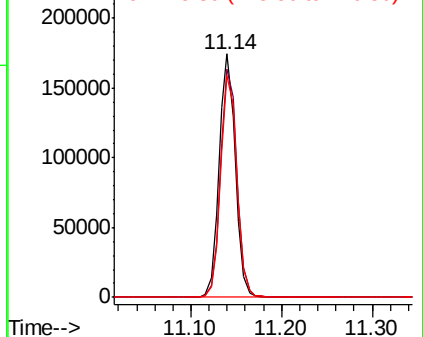
#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118

Tot Ion: 95 Resp: 216833
Ion Ratio Lower Upper
95 100
174 95.4 0.0 187.4
176 92.1 0.0 181.0

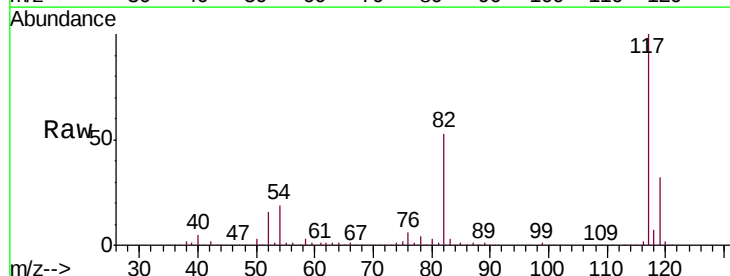


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

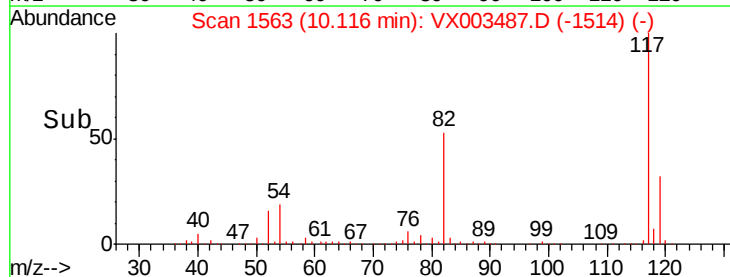
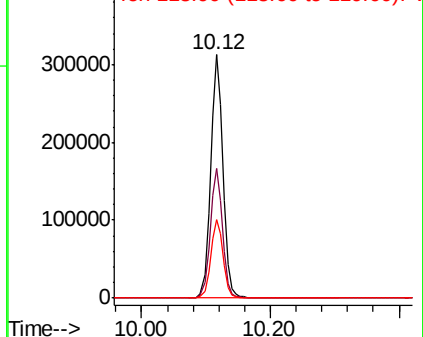


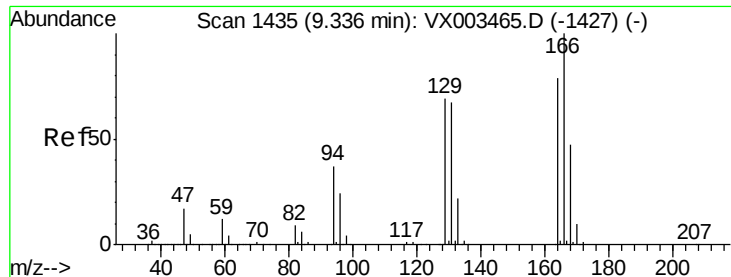
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003487.D
Acq: 20 Jul 2018 02:19

Tgt Ion: 117 Resp: 415670
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.3 25.8 38.6



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: 1.096 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-071118

Tot Ion:164 Resp: 5549

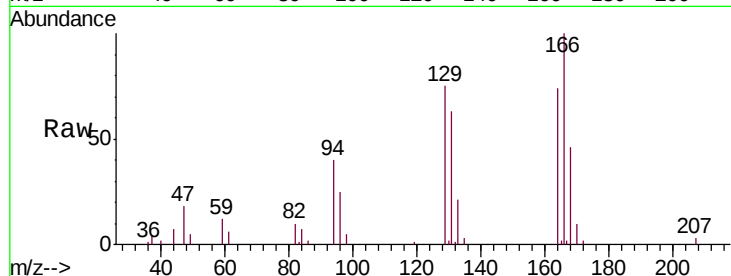
Ion Ratio Lower Upper

164 100

166 136.0 102.9 154.3

129 102.2 68.6 102.8

131 86.1 66.8 100.2

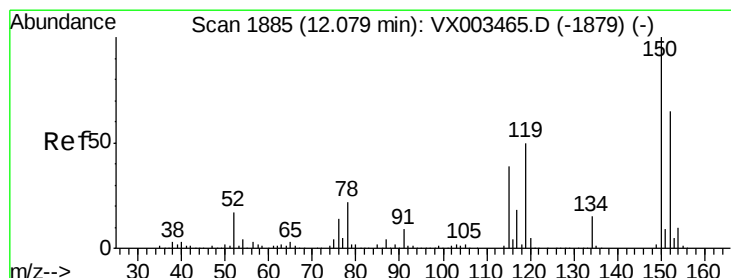
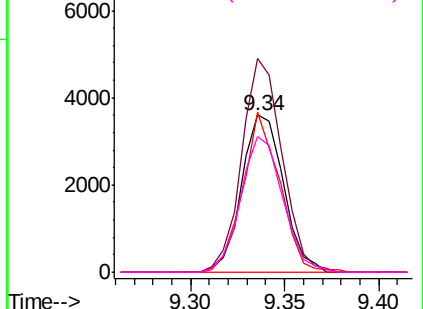
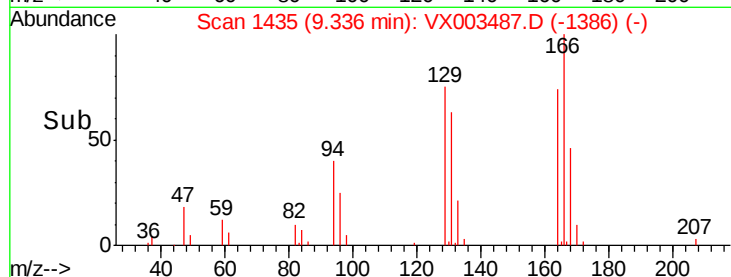


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003487.D

Acq: 20 Jul 2018 02:19

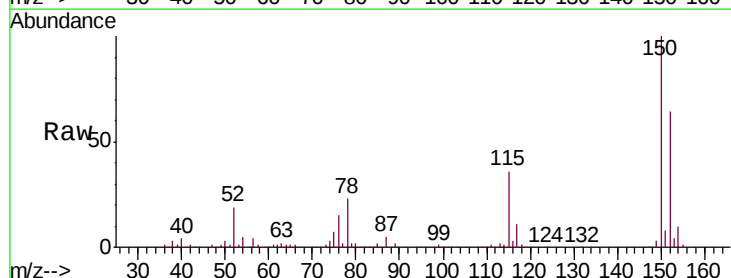
Tgt Ion:152 Resp: 227352

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 156.4 0.0 347.2



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

