

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005271.D
 Acq On : 11 Oct 2018 23:07
 Operator : JC/MD
 Sample : J5393-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109

Quant Time: Oct 12 13:17:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146918	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	5.51	113	123765	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
50) Toluene-d8	8.72	98	376121	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	134461	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

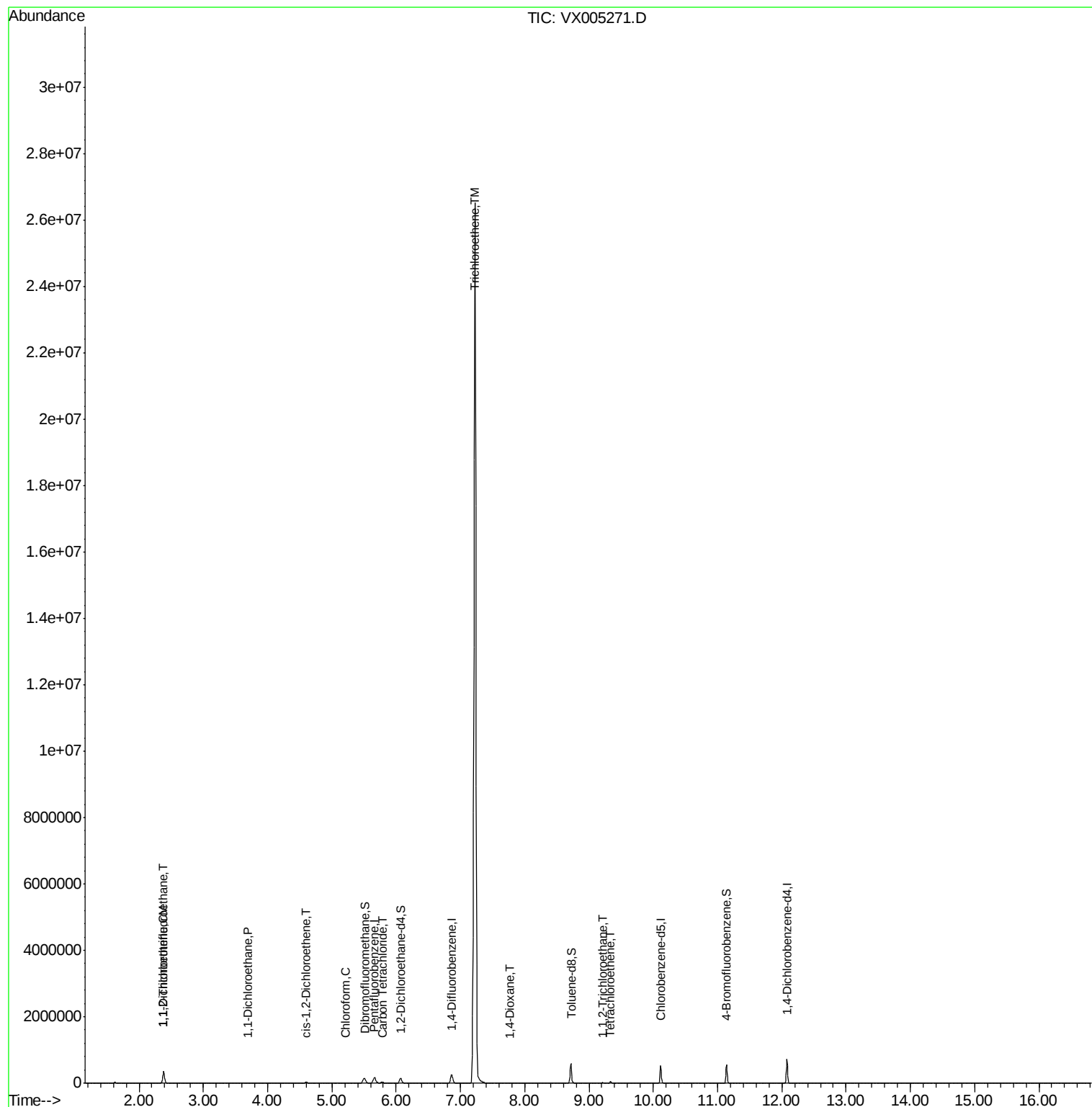
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107266	54.61	ug/l	98
12) 1,1-Dichloroethene	2.38	96	31937	16.42	ug/l	# 82
24) 1,1-Dichloroethane	3.70	63	11769	2.76	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	18441	7.75	ug/l	97
30) Chloroform	5.21	83	12599	3.13	ug/l	92
38) Carbon Tetrachloride	5.79	117	18346	5.84	ug/l	90
44) Trichloroethene	7.23	130	10568117	4595.76	ug/l	96
49) 1,4-Dioxane	7.76	88	1402	21.72	ug/l	# 88
55) 1,1,2-Trichloroethane	9.22	97	5220	2.32	ug/l	94
64) Tetrachloroethene	9.34	164	9340	3.66	ug/l	94

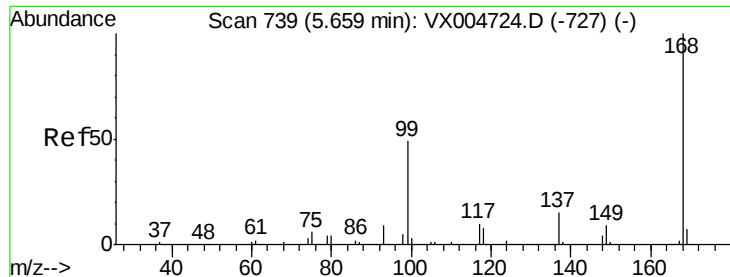
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

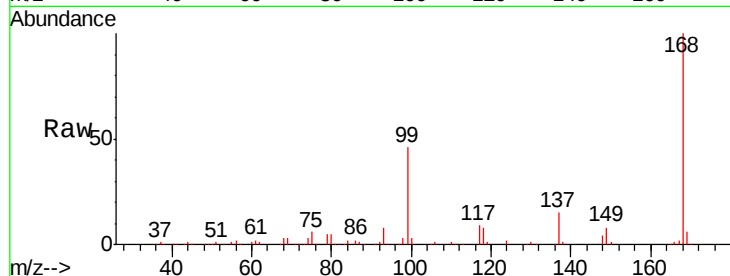
RE-137-745FT-2018109

Tgt Ion:168 Resp: 179513

Ion Ratio Lower Upper

168 100

99 45.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

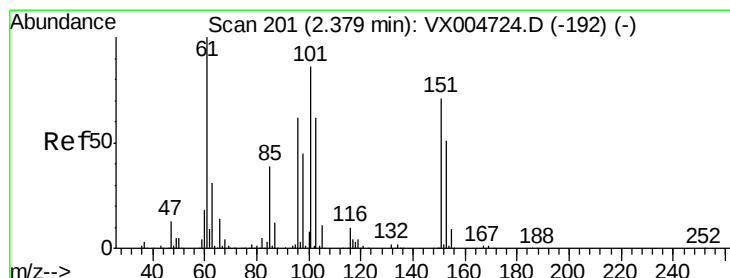
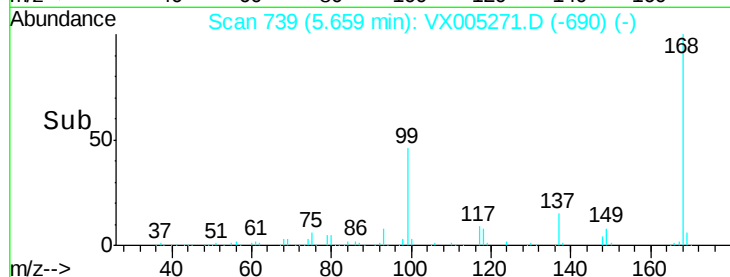
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.61 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

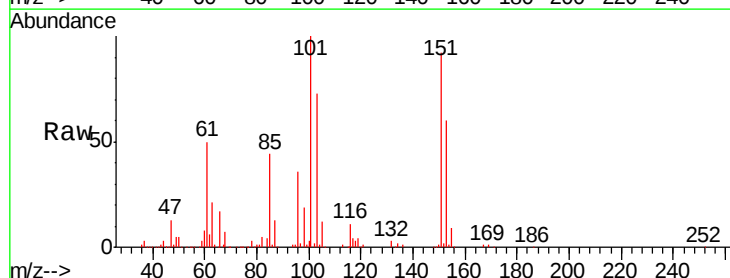
Tgt Ion:101 Resp: 107266

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

151 85.8 66.6 100.0



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

2.38

60000

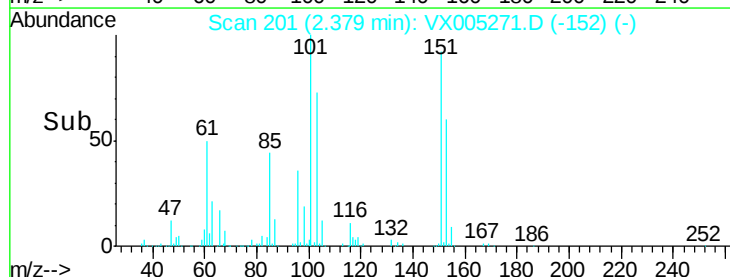
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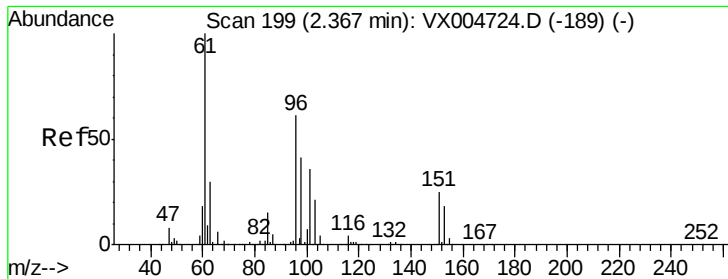
20000

0

2.30 2.40 2.50

Time-->





#12

1,1-Dichloroethene

Concen: 16.42 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

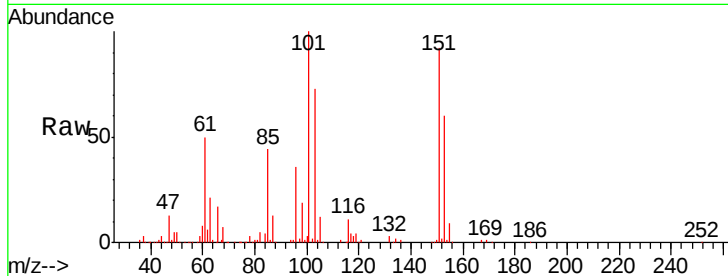
Tgt Ion: 96 Resp: 31937

Ion Ratio Lower Upper

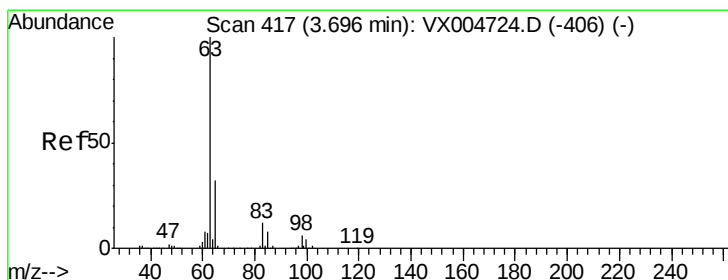
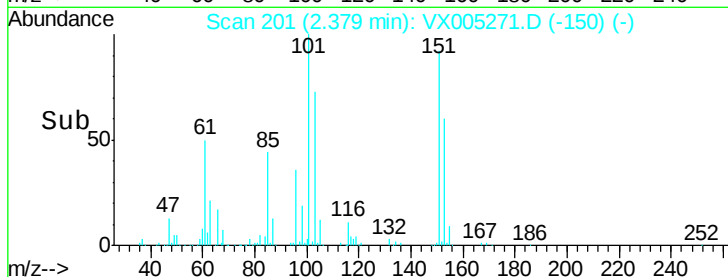
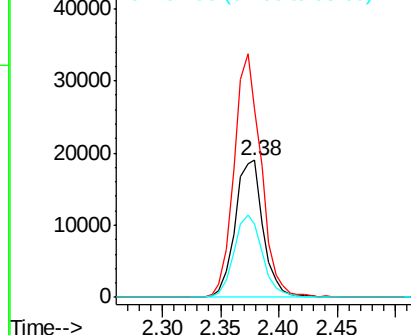
96 100

61 137.6 130.2 195.4

98 53.4 53.4 80.0#



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



#24

1,1-Dichloroethane

Concen: 2.76 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

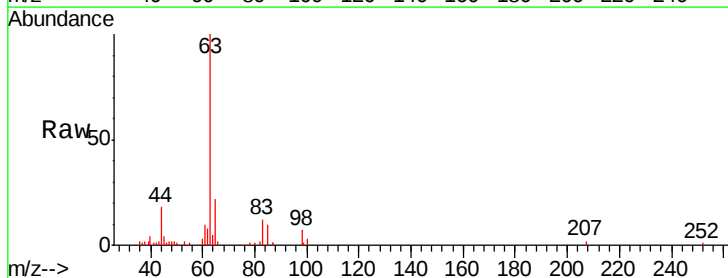
Tgt Ion: 63 Resp: 11769

Ion Ratio Lower Upper

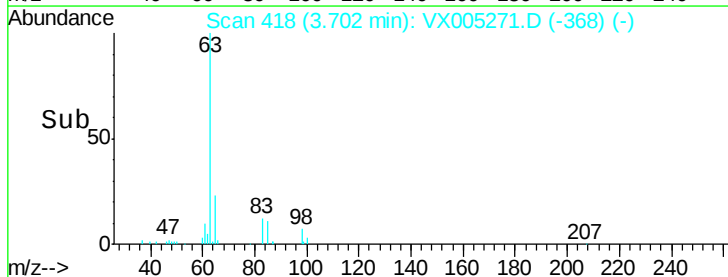
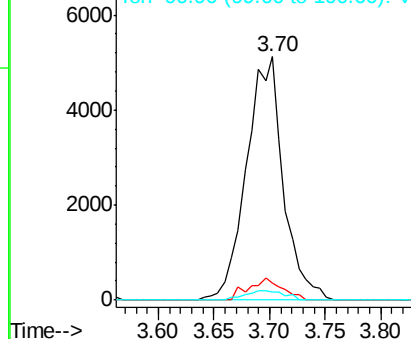
63 100

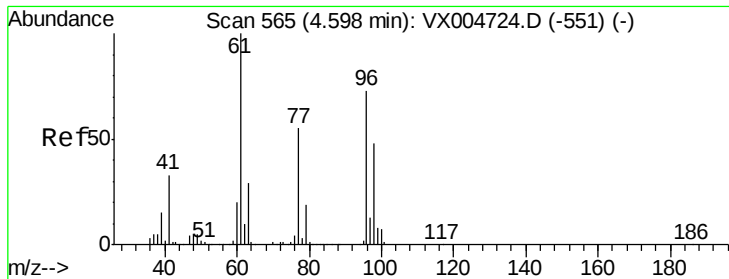
98 7.2 3.0 9.2

100 3.1 2.0 5.8



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: 7.75 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

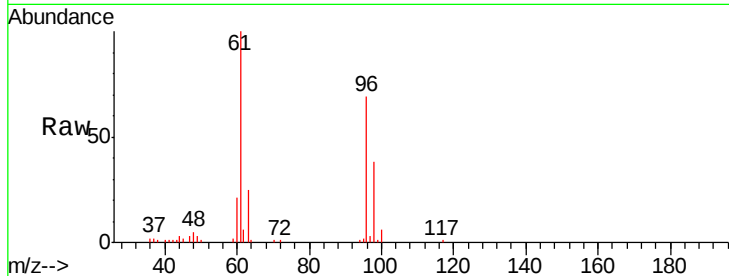
Tgt Ion: 96 Resp: 18441

Ion Ratio Lower Upper

96 100

61 146.7 0.0 285.8

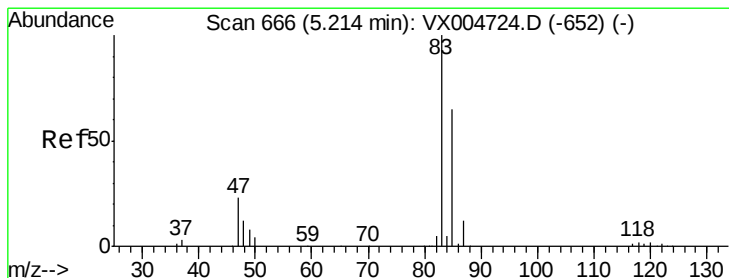
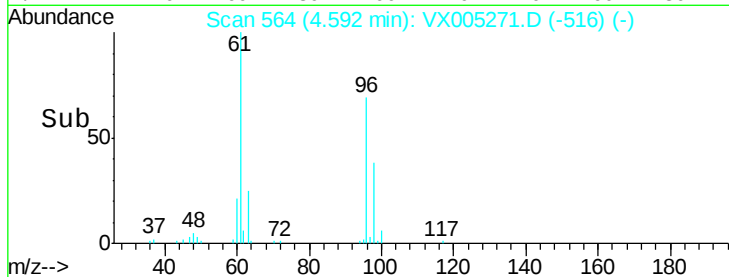
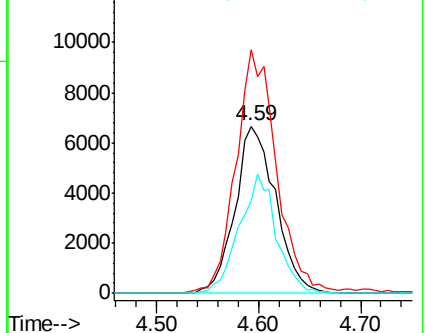
98 65.1 0.0 136.2



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: 3.13 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005271.D

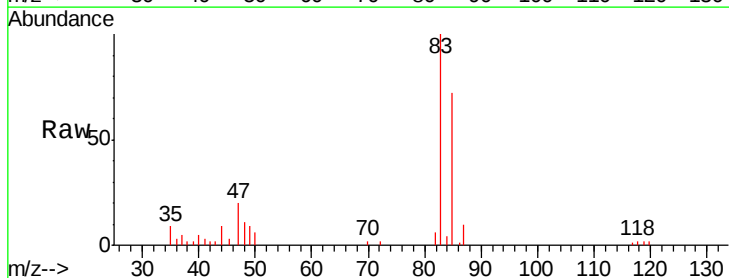
Acq: 11 Oct 2018 23:07

Tgt Ion: 83 Resp: 12599

Ion Ratio Lower Upper

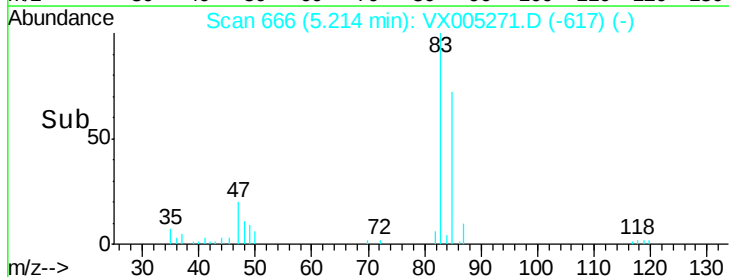
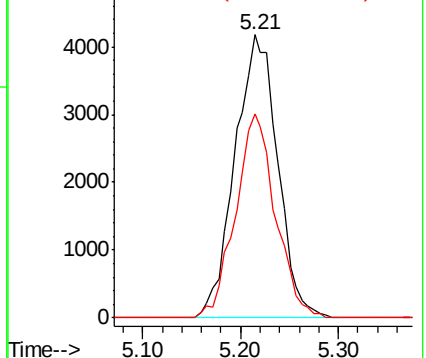
83 100

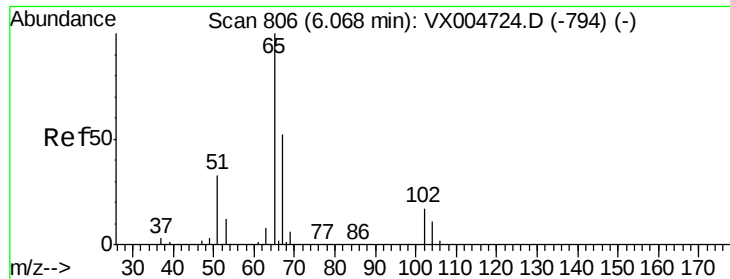
85 71.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.29 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

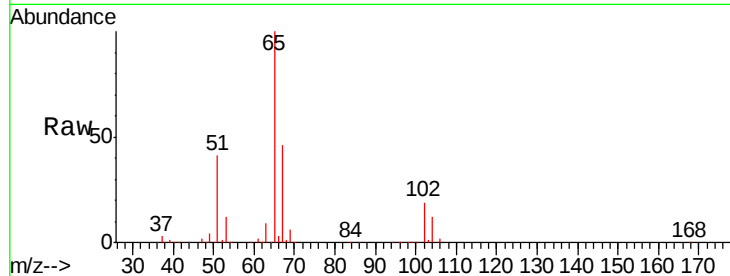
RE-137-745FT-2018109

Tgt Ion: 65 Resp: 146918

Ion Ratio Lower Upper

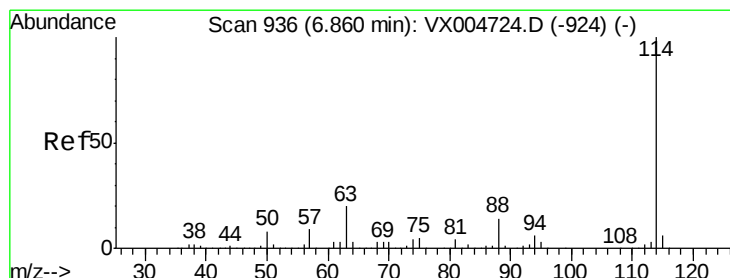
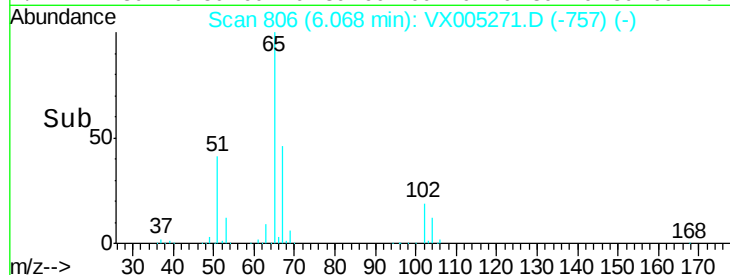
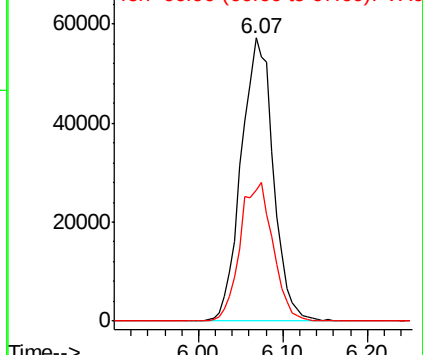
65 100

67 50.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

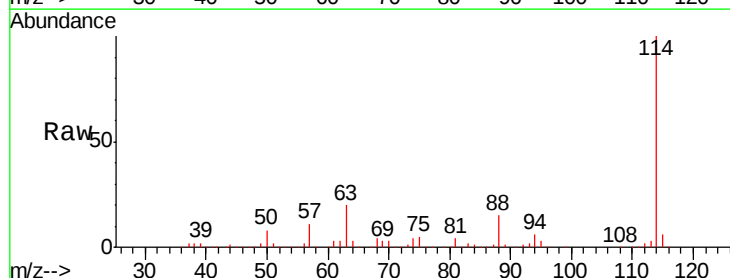
Tgt Ion: 114 Resp: 258395

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

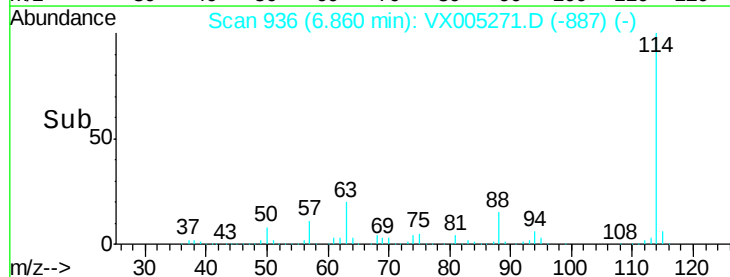
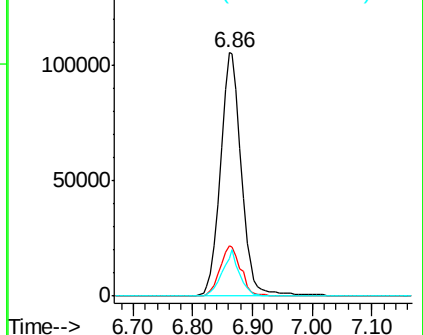
88 15.4 0.0 27.0

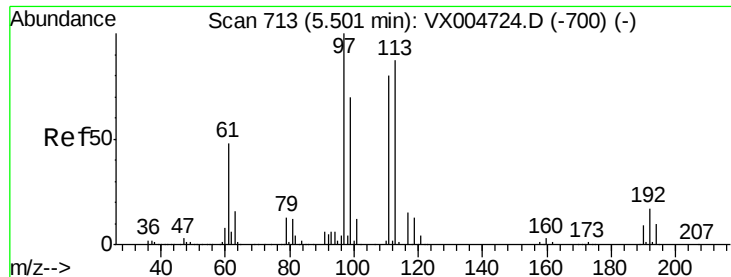


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

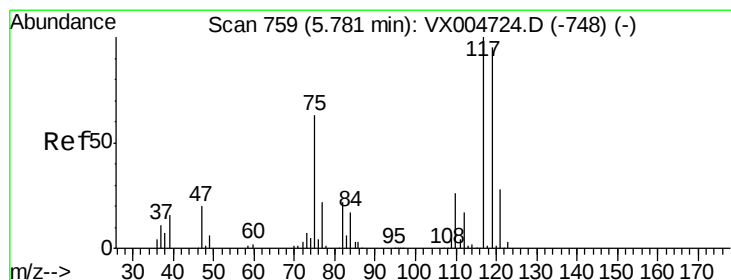
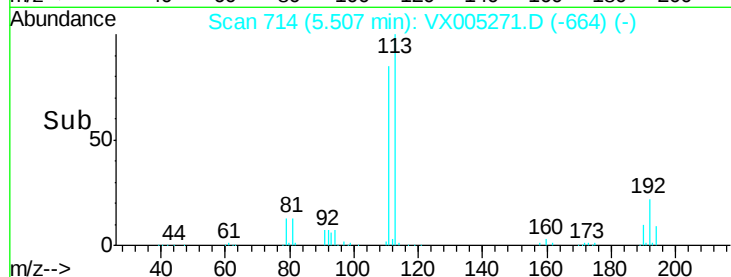
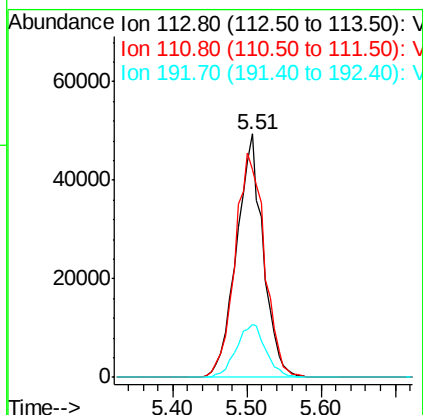
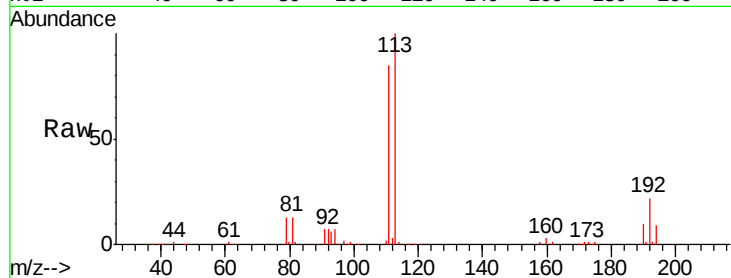




#35
Dibromofluoromethane
Concen: 56.52 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

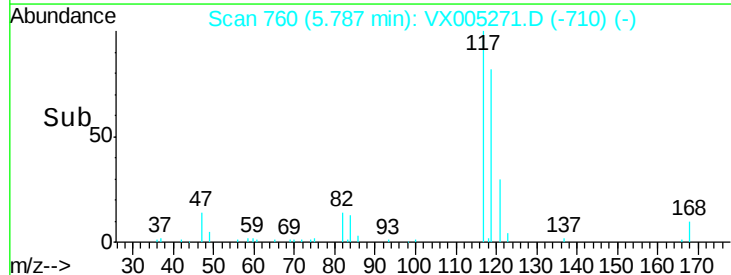
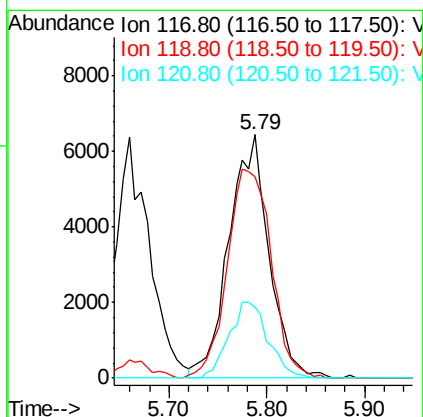
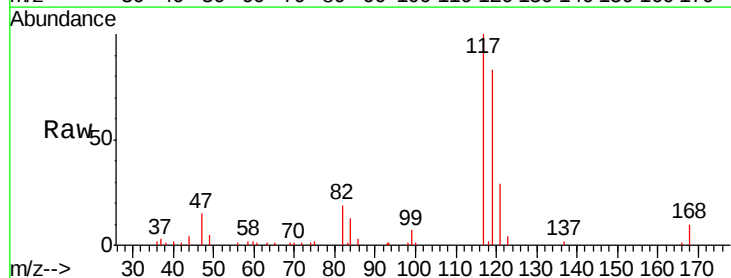
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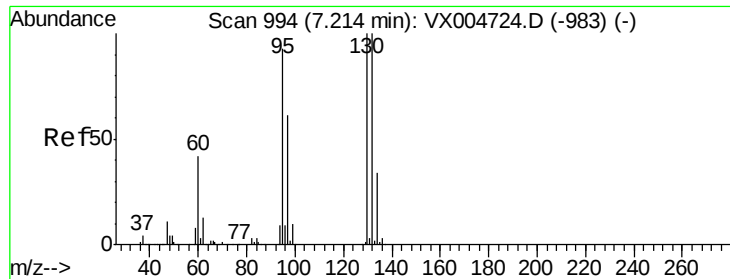
Tgt Ion:113 Resp: 123765
Ion Ratio Lower Upper
113 100
111 102.5 77.0 115.4
192 24.0 17.0 25.6



#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion:117 Resp: 18346
Ion Ratio Lower Upper
117 100
119 82.6 75.2 112.8
121 29.2 22.5 33.7





#44

Trichloroethene

Concen: 4595.76 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

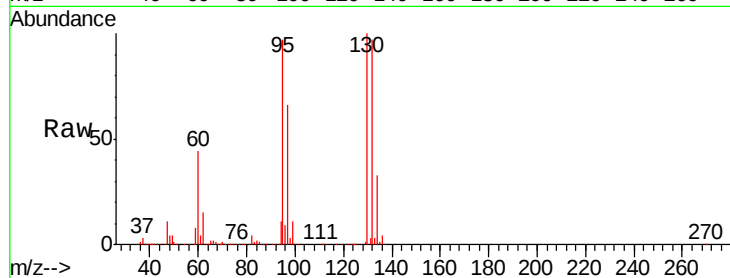
RE-137-745FT-2018109

Tgt Ion:130 Resp:10568117

Ion Ratio Lower Upper

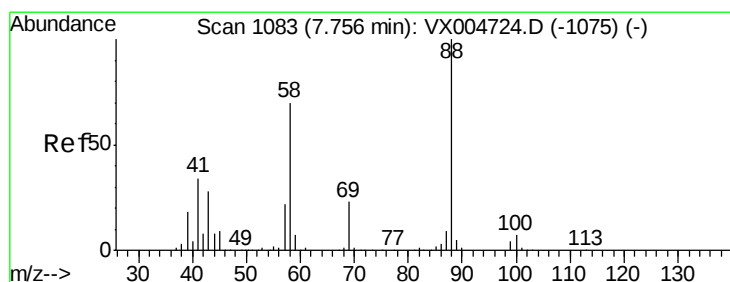
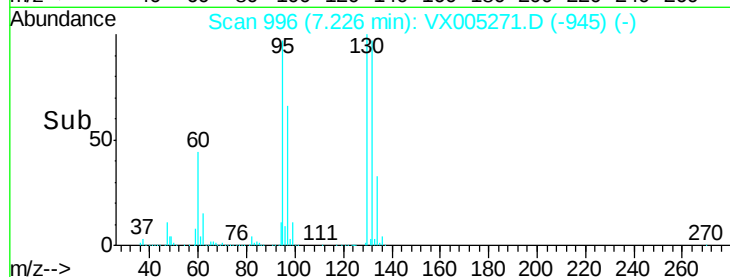
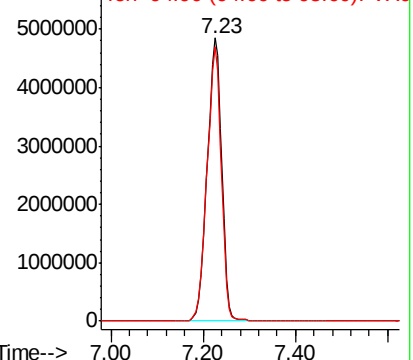
130 100

95 96.9 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 21.72 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

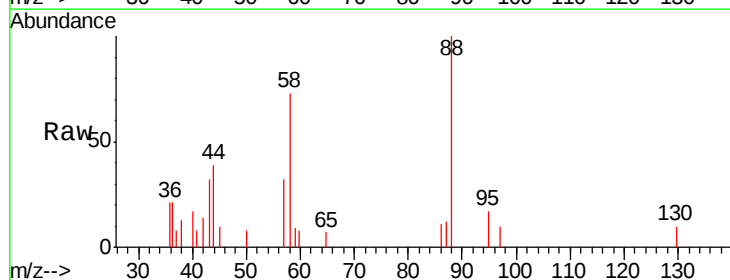
Tgt Ion: 88 Resp: 1402

Ion Ratio Lower Upper

88 100

43 43.7 25.1 37.7#

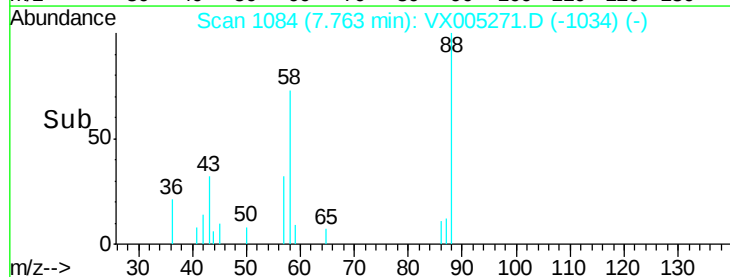
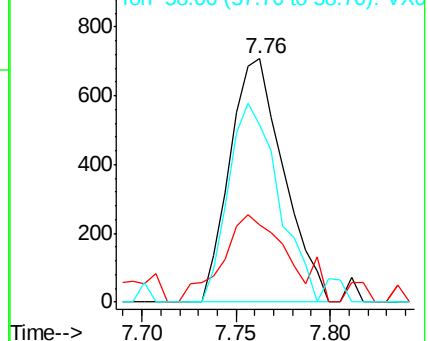
58 76.0 56.2 84.2

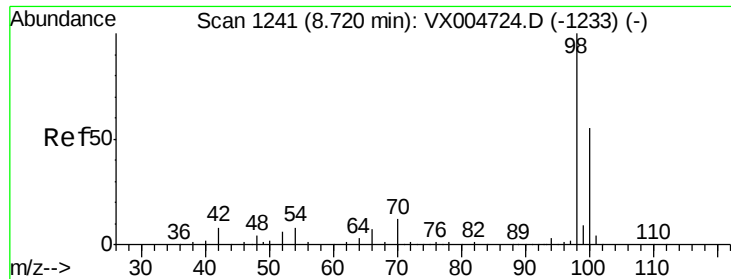


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

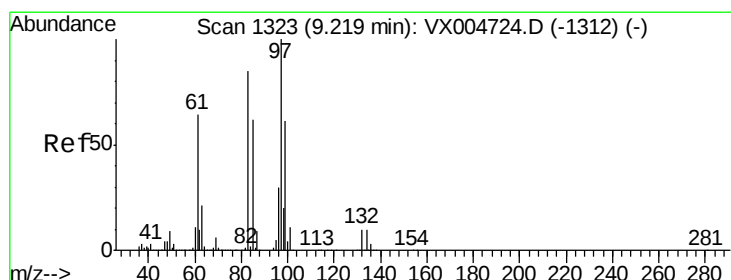
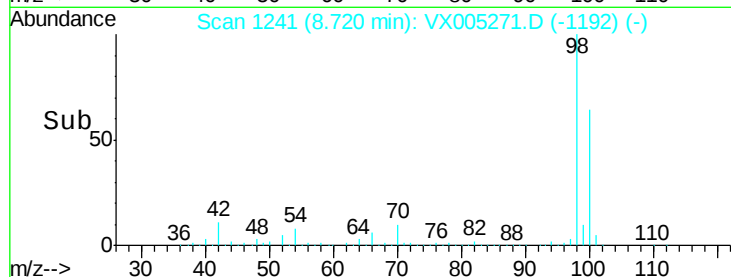
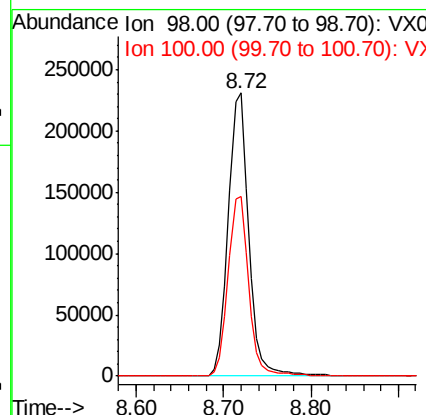
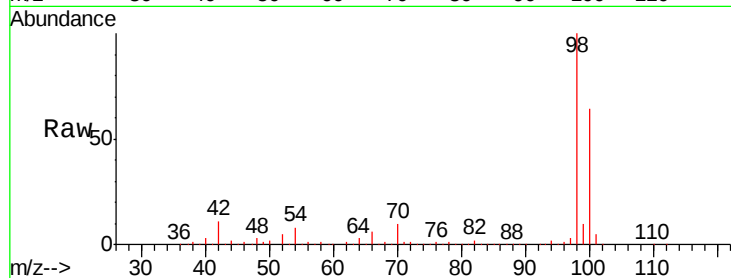




#50
Toluene-d8
Concen: 51.66 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

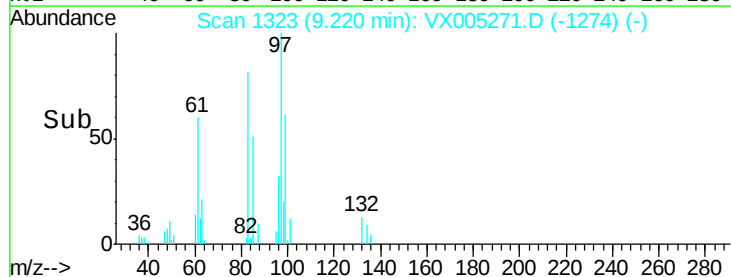
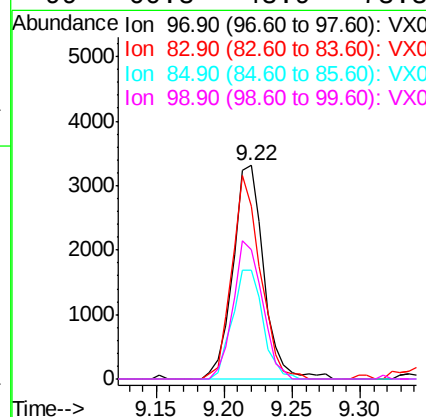
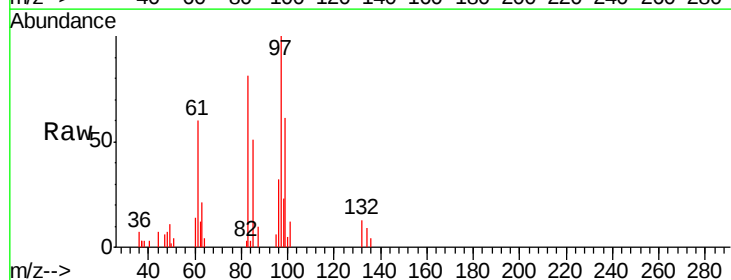
Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

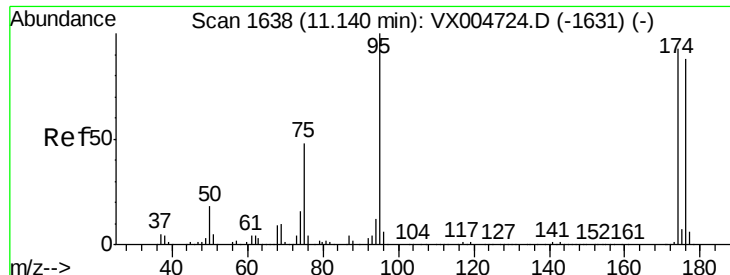
Tgt Ion: 98 Resp: 376121
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 2.32 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 97 Resp: 5220
Ion Ratio Lower Upper
97 100
83 80.8 68.2 102.2
85 51.0 49.9 74.9
99 60.8 48.9 73.3

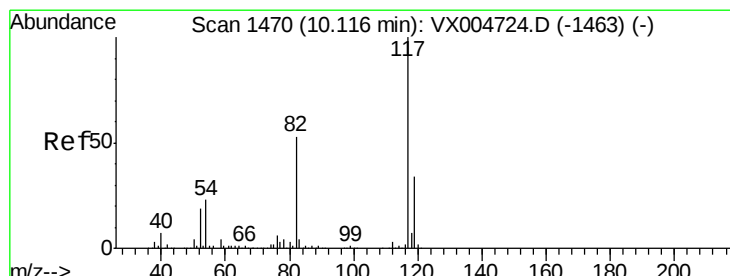
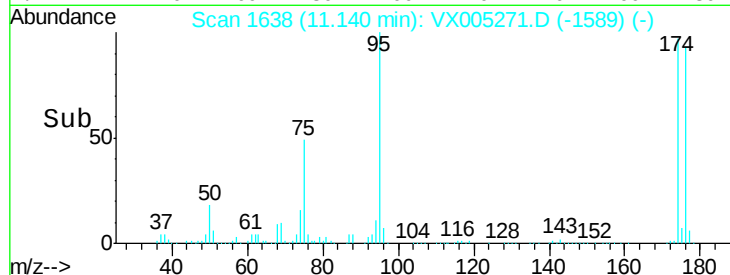
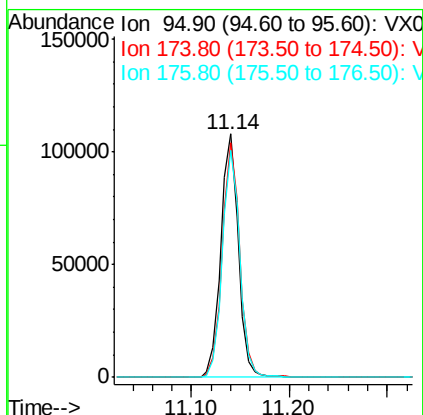
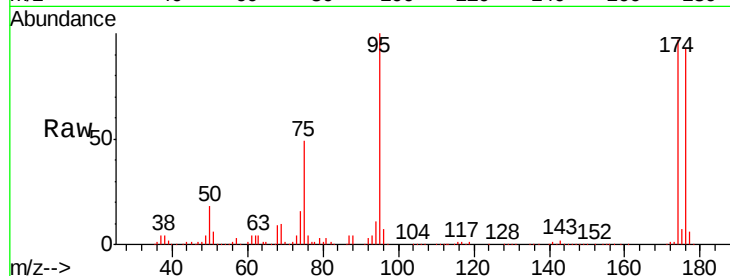




#62
4-Bromofluorobenzene
Concen: 51.27 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

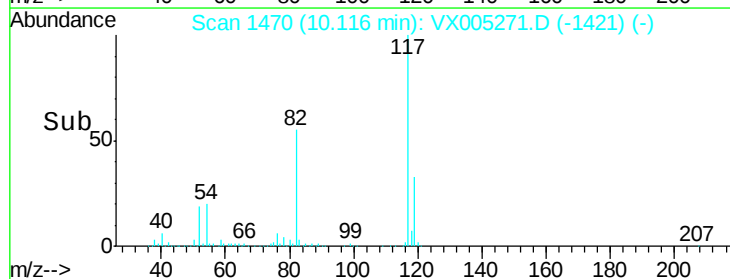
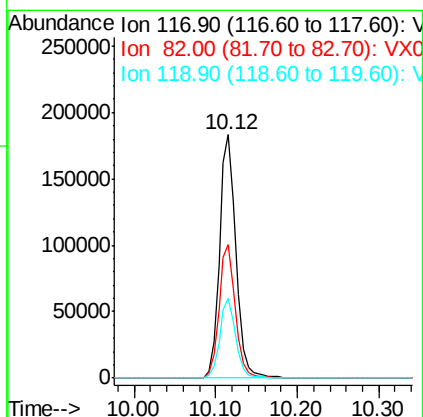
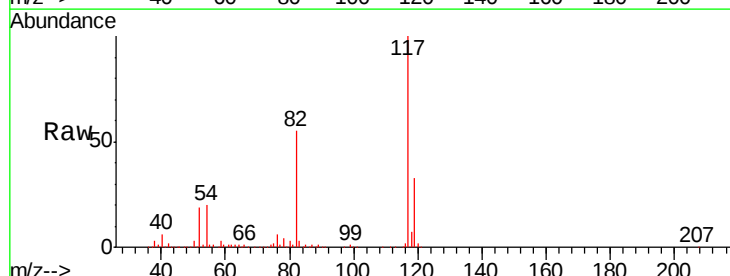
Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

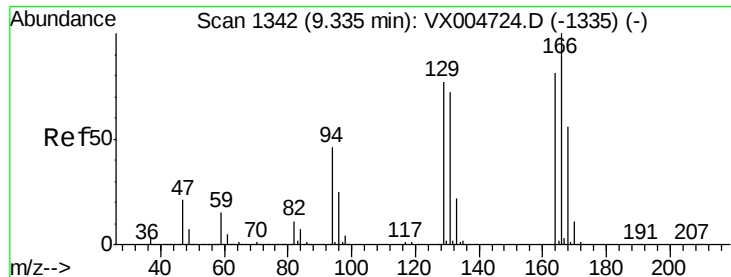
Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	185.0
176	92.8	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.9	27.4	41.0





#64

Tetrachloroethene

Concen: 3.66 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

Tgt Ion:164 Resp: 9340

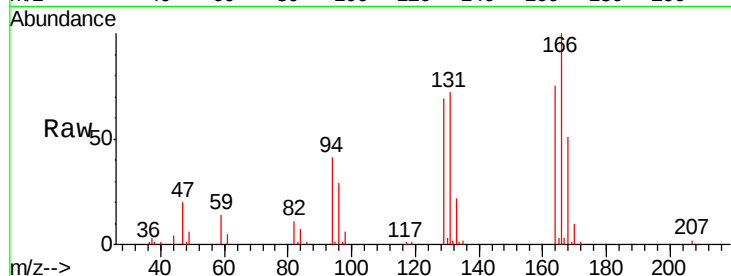
Ion Ratio Lower Upper

164 100

166 132.5 98.4 147.6

129 91.3 76.1 114.1

131 94.8 71.0 106.4

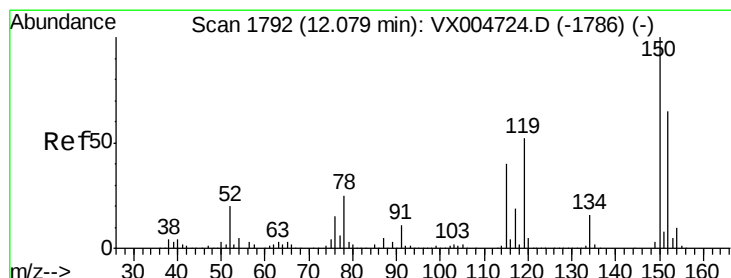
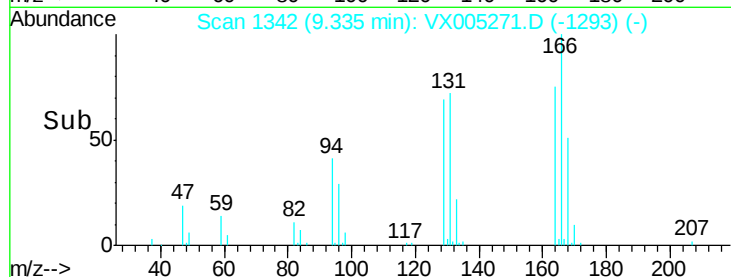
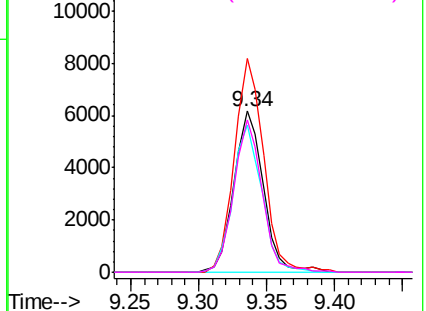


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

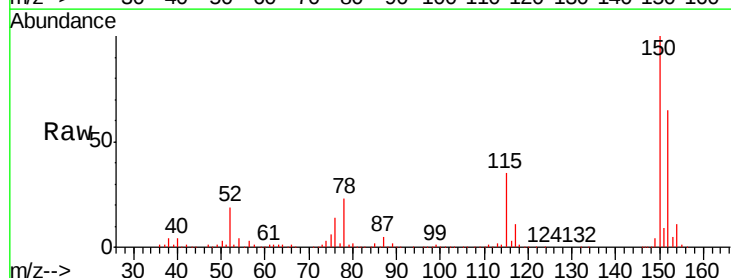
Tgt Ion:152 Resp: 146641

Ion Ratio Lower Upper

152 100

115 54.4 40.2 120.6

150 155.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

