

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005134.D
 Acq On : 08 Oct 2018 18:16
 Operator : JC/MD
 Sample : J5284-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

Quant Time: Oct 09 13:05:26 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	5.67	168	194122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174698	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	144749	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	122726	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
50) Toluene-d8	8.72	98	451049	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	162913	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	

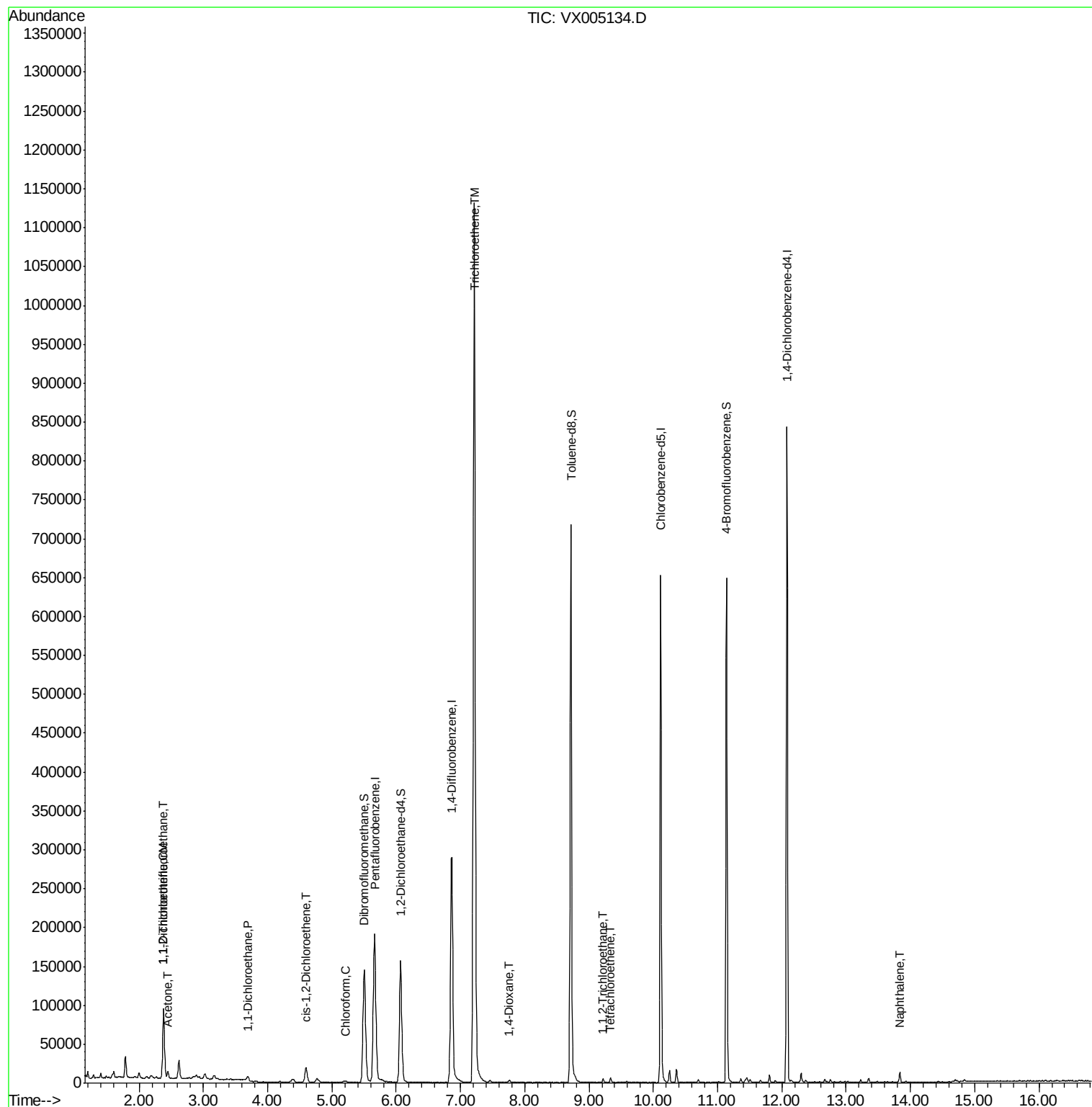
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25085	11.81	ug/l	99
12) 1,1-Dichloroethene	2.37	96	12185	5.79	ug/l	96
16) Acetone	2.45	43	7179	4.43	ug/l	93
24) 1,1-Dichloroethane	3.70	63	4152	0.90	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	12067	4.69	ug/l	95
30) Chloroform	5.21	83	2323	0.53	ug/l	89
44) Trichloroethene	7.21	130	452464	164.65	ug/l	98
49) 1,4-Dioxane	7.76	88	2045	26.51	ug/l #	94
55) 1,1,2-Trichloroethane	9.22	97	1335	0.50	ug/l	92
64) Tetrachloroethene	9.34	164	1217	0.40	ug/l #	88
95) Naphthalene	13.83	128	8445	1.29	ug/l	98

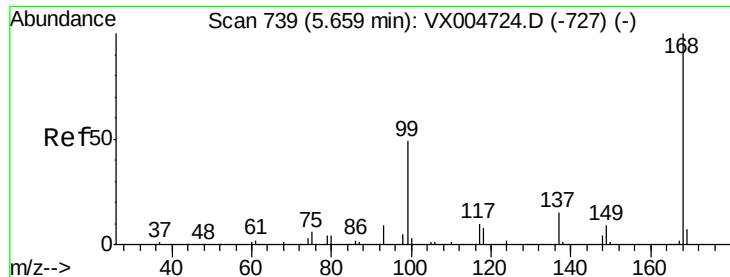
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

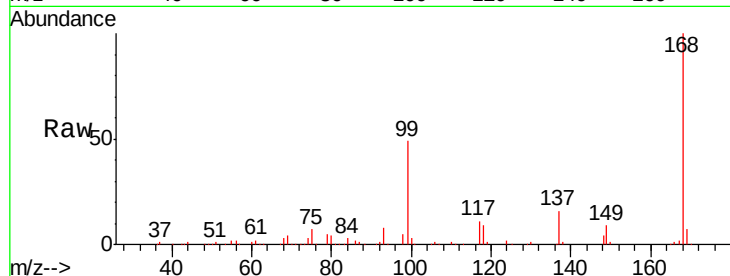
RE-125D2-2018001

Tgt Ion:168 Resp: 194122

Ion Ratio Lower Upper

168 100

99 49.3 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

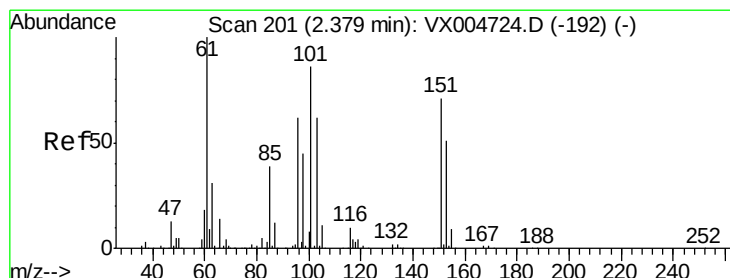
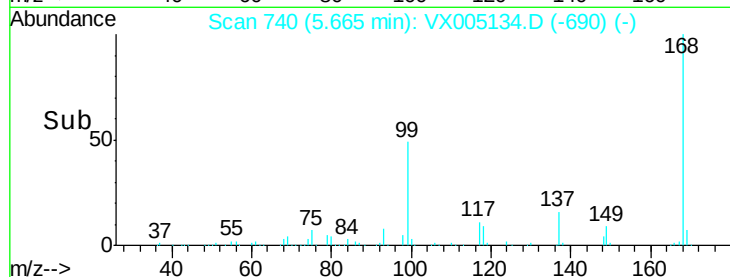
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.81 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

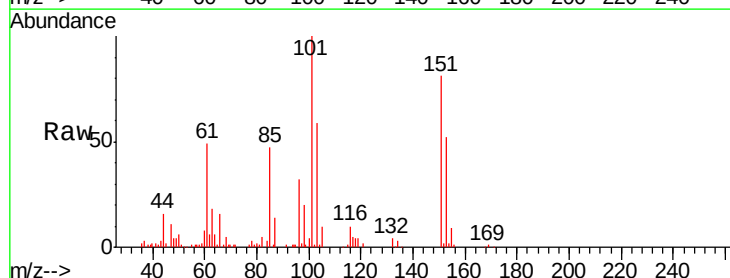
Tgt Ion:101 Resp: 25085

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

151 81.9 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

2.39

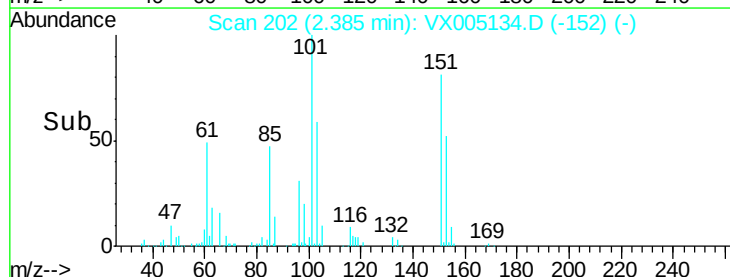
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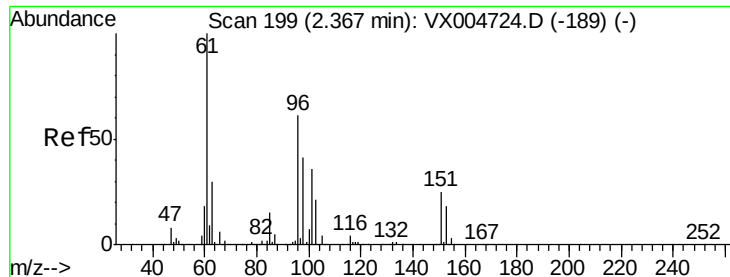
10000

5000

0

Time--> 2.30 2.35 2.40 2.45

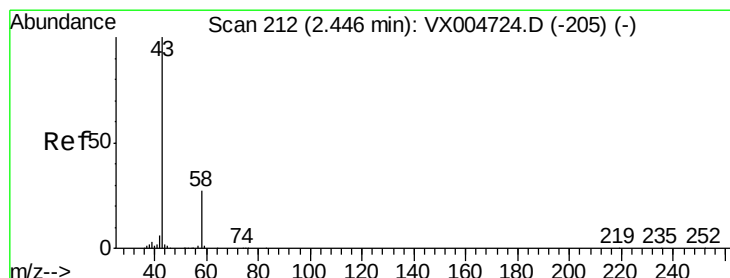
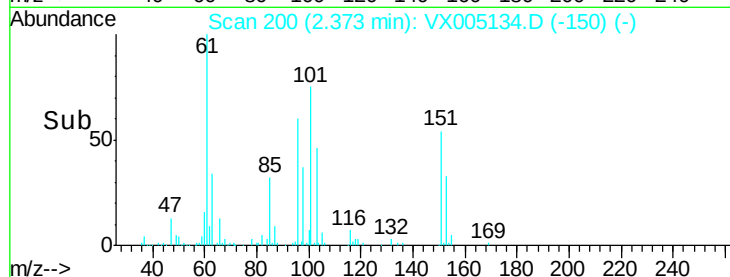
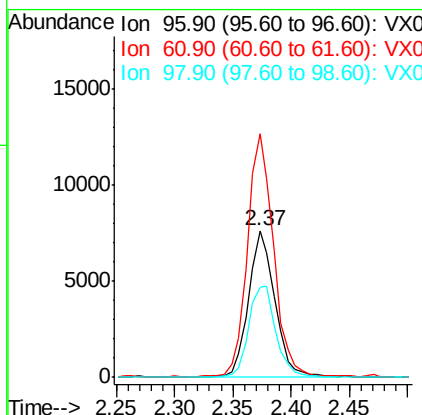
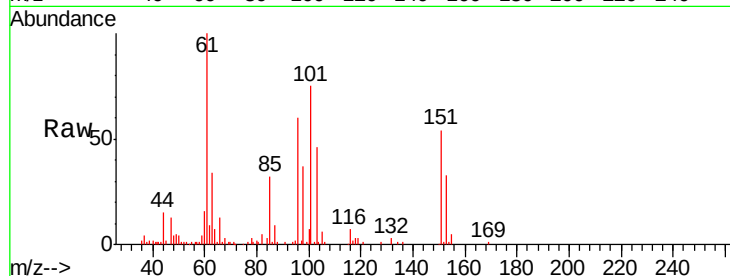




#12
 1,1-Dichloroethene
 Concen: 5.79 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

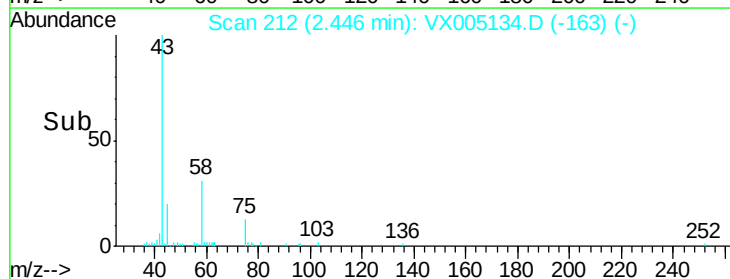
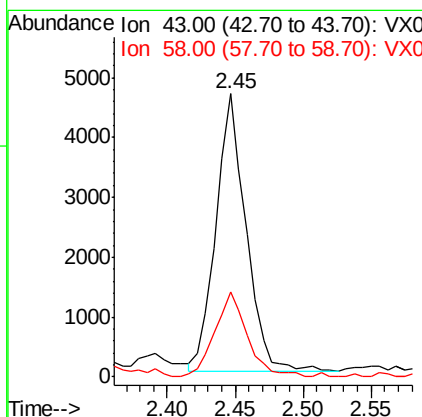
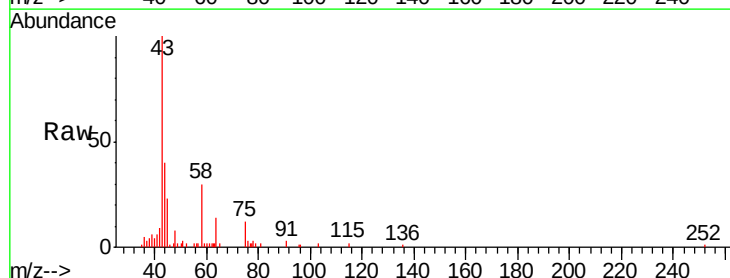
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

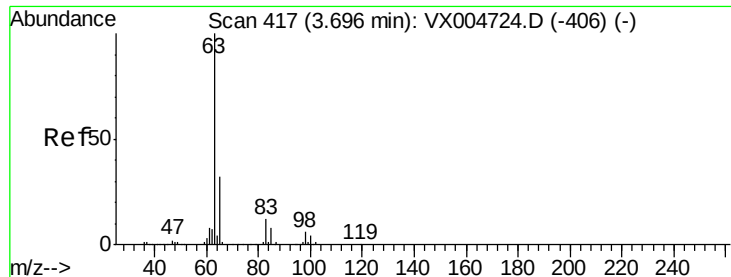
Tgt Ion: 96 Resp: 12185
 Ion Ratio Lower Upper
 96 100
 61 165.9 130.2 195.4
 98 61.0 53.4 80.0



#16
 Acetone
 Concen: 4.43 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Tgt Ion: 43 Resp: 7179
 Ion Ratio Lower Upper
 43 100
 58 30.7 21.8 32.6





#24

1,1-Dichloroethane

Concen: 0.90 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

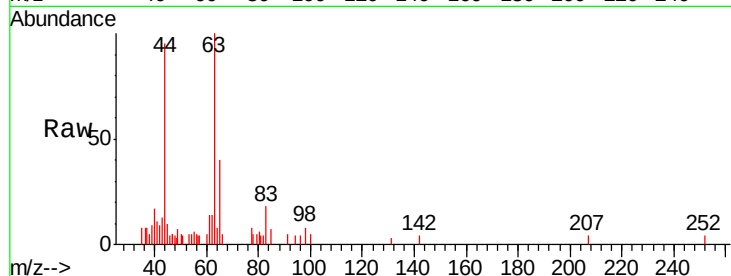
Tgt Ion: 63 Resp: 4152

Ion Ratio Lower Upper

63 100

98 8.0 3.0 9.2

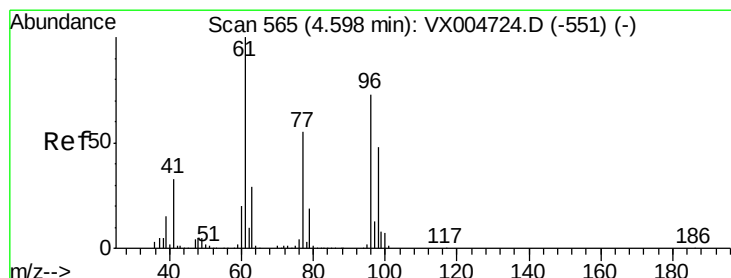
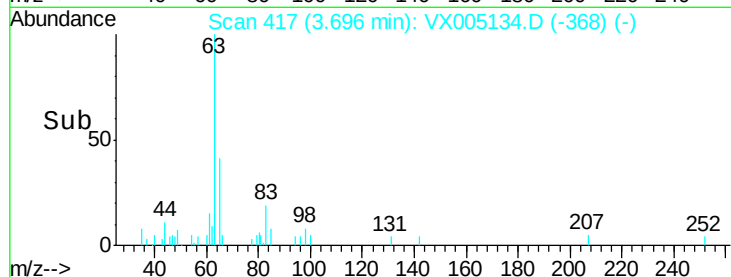
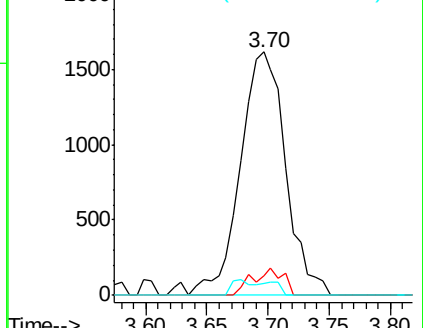
100 4.6 2.0 5.8



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: 4.69 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

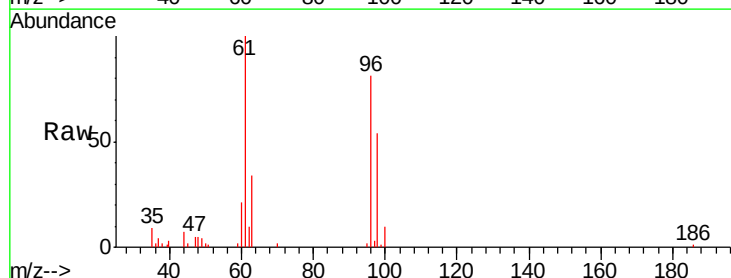
Tgt Ion: 96 Resp: 12067

Ion Ratio Lower Upper

96 100

61 135.2 0.0 285.8

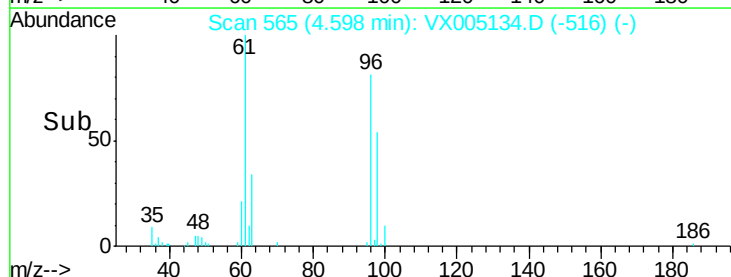
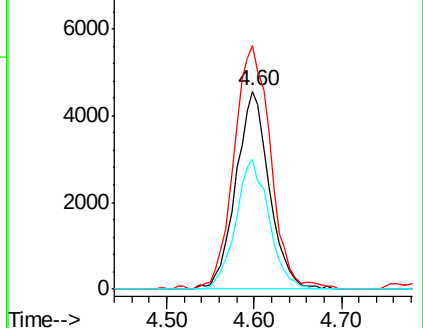
98 65.3 0.0 136.2

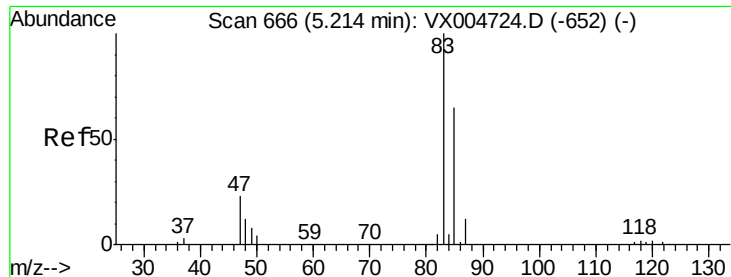


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

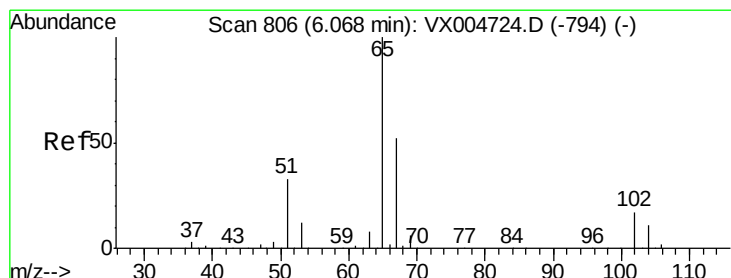
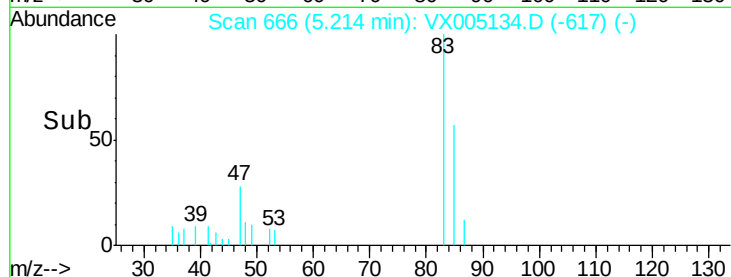
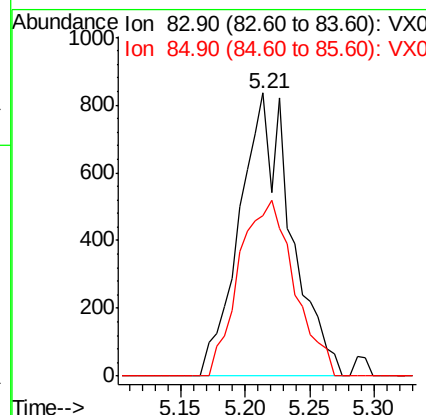
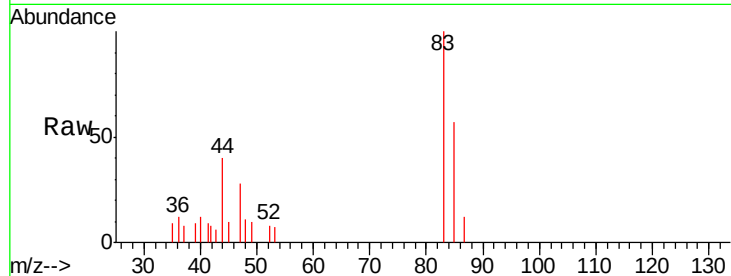




#30
Chloroform
Concen: 0.53 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

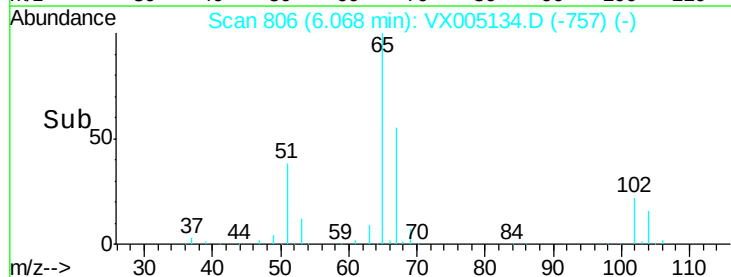
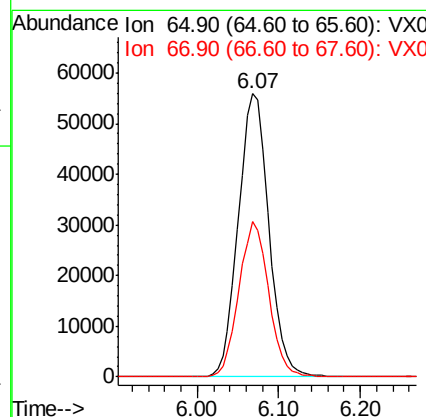
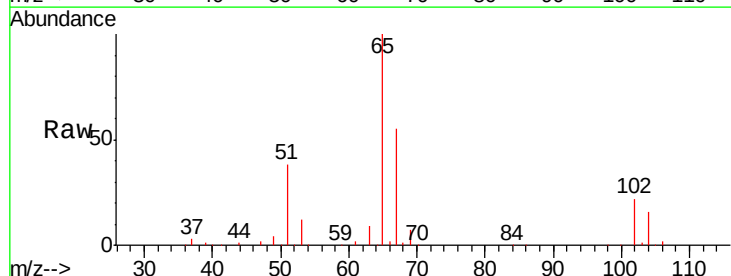
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

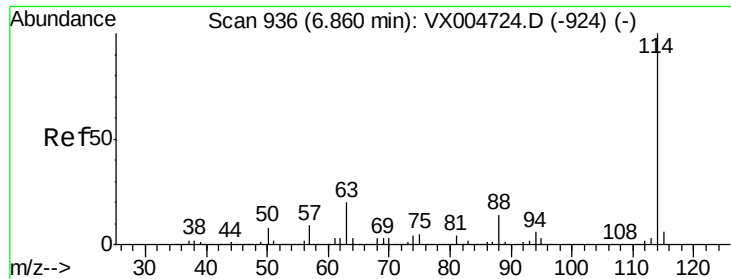
Tgt Ion: 83 Resp: 2323
Ion Ratio Lower Upper
83 100
85 56.6 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 52.20 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion: 65 Resp: 144749
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

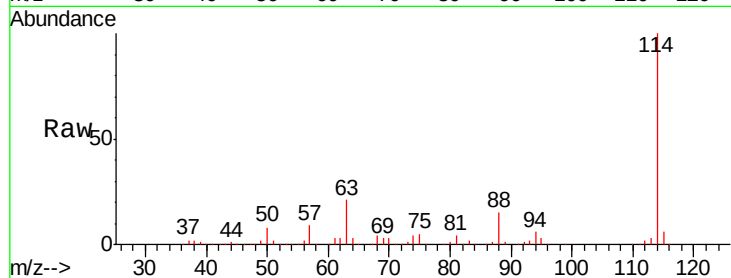




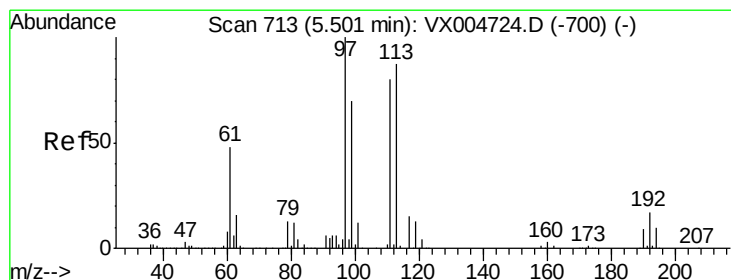
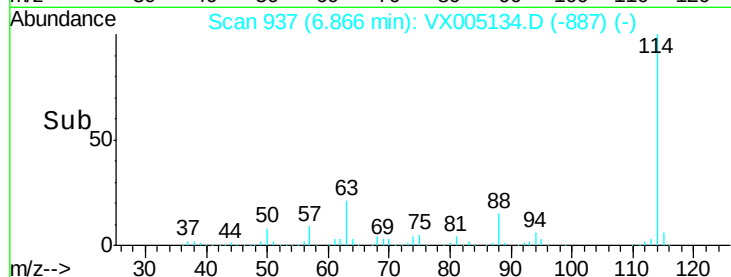
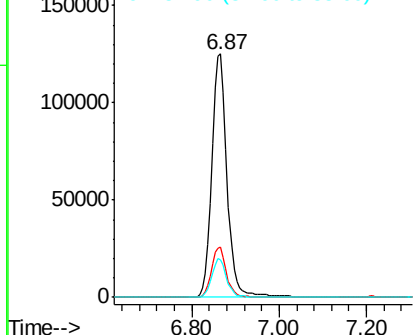
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

Tgt Ion:114 Resp: 308794
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 15.4 0.0 27.0

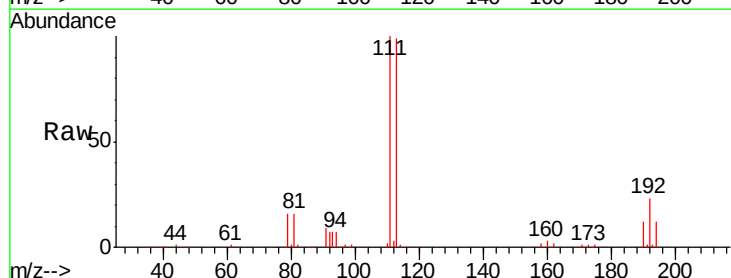


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

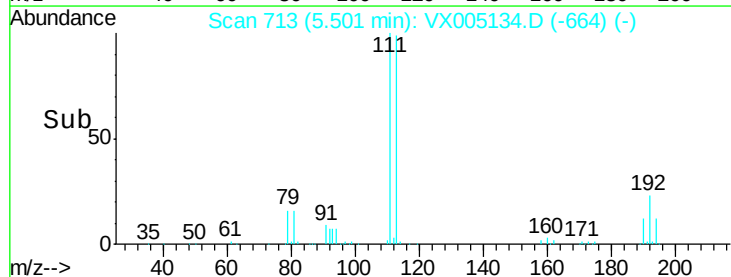
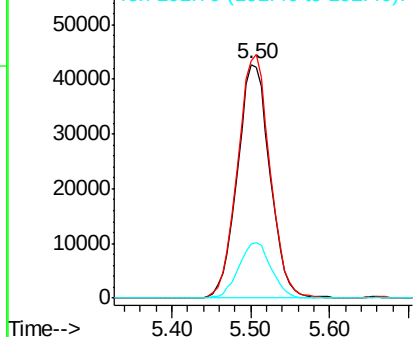


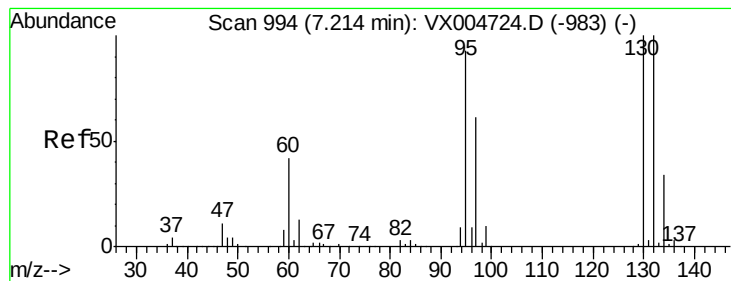
#35
 Dibromofluoromethane
 Concen: 46.89 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Tgt Ion:113 Resp: 122726
 Ion Ratio Lower Upper
 113 100
 111 103.7 77.0 115.4
 192 23.6 17.0 25.6



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





#44

Trichloroethene

Concen: 164.65 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

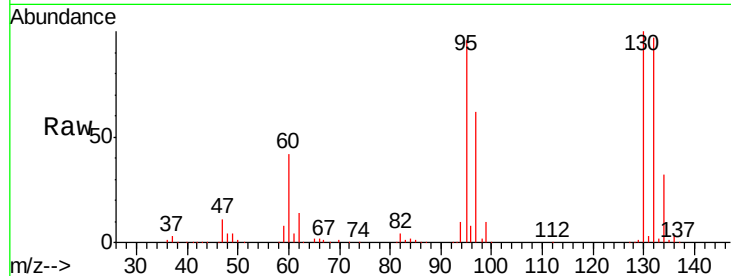
RE-125D2-2018001

Tgt Ion:130 Resp: 452464

Ion Ratio Lower Upper

130 100

95 95.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

150000

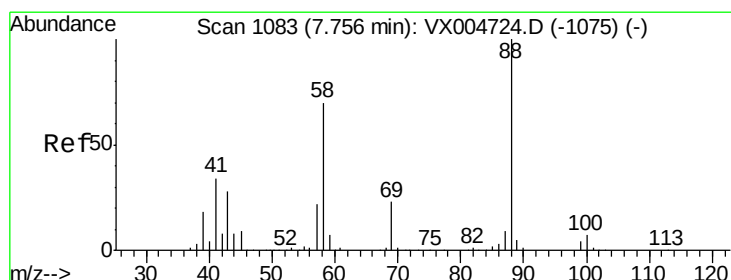
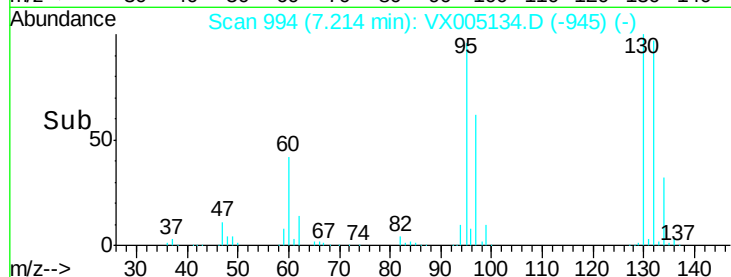
100000

50000

0

7.20 7.40

Time-->



#49

1,4-Dioxane

Concen: 26.51 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

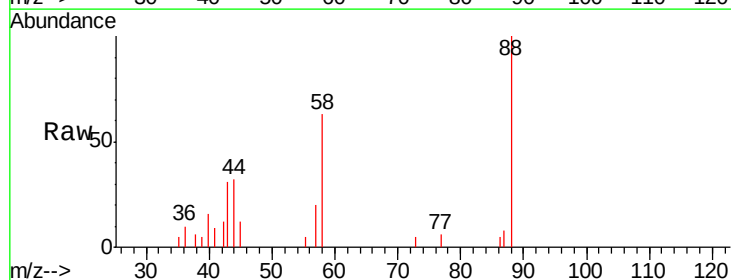
Tgt Ion: 88 Resp: 2045

Ion Ratio Lower Upper

88 100

43 39.4 25.1 37.7#

58 71.5 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

7.76

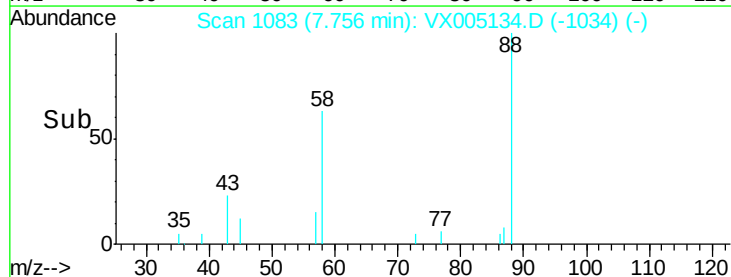
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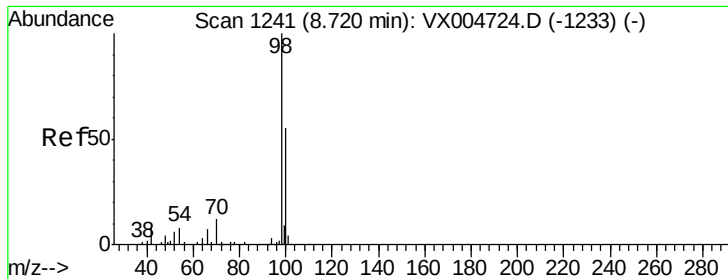
500

0

7.70 7.75 7.80 7.85

Time-->

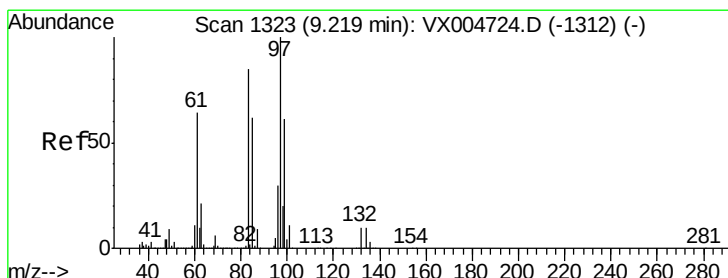
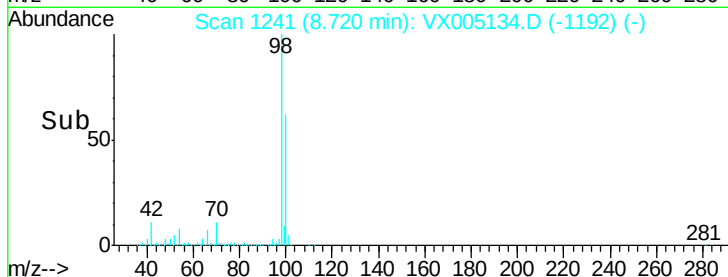
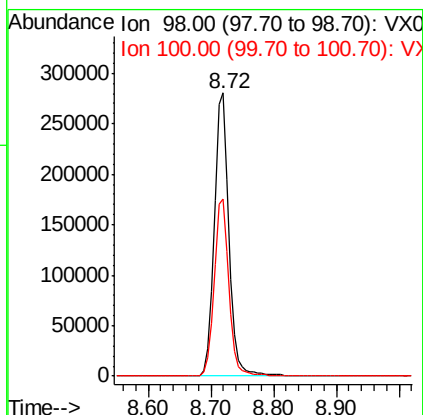
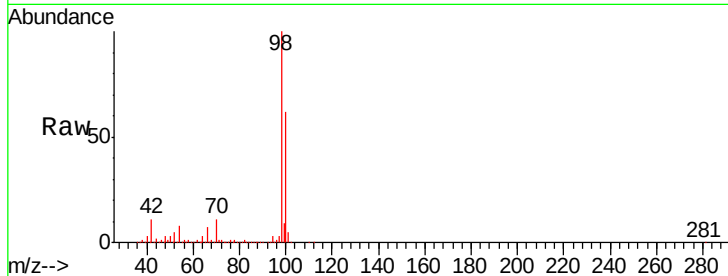




#50
Toluene-d8
Concen: 51.84 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

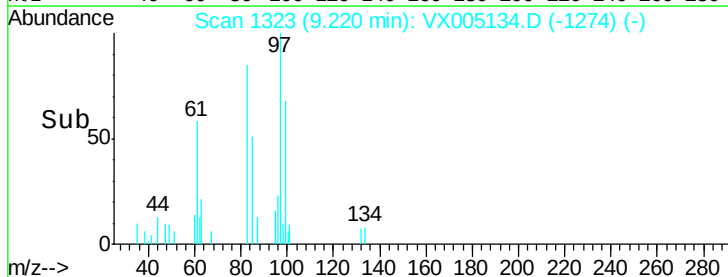
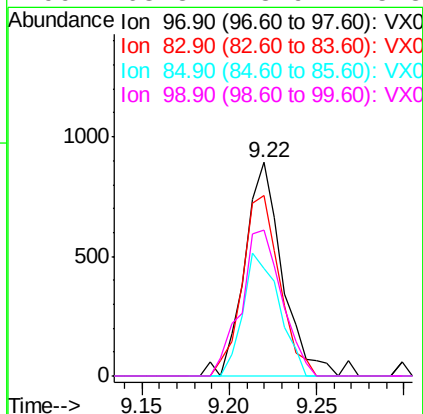
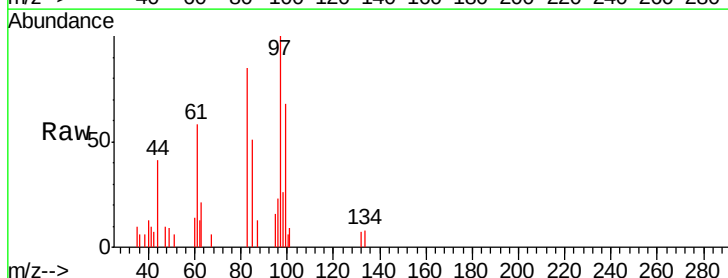
Instrument :
MSVOA_X
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RE-125D2-2018001

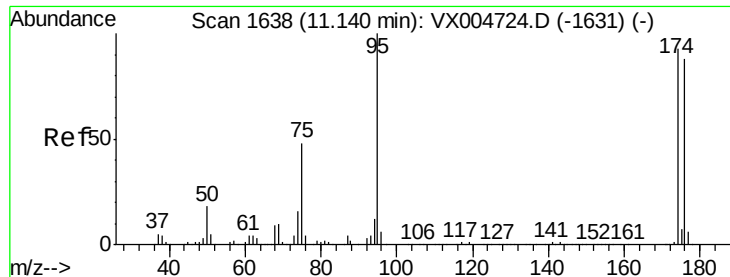
Tgt Ion: 98 Resp: 451049
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.50 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion: 97 Resp: 1335
Ion Ratio Lower Upper
97 100
83 84.5 68.2 102.2
85 50.5 49.9 74.9
99 68.3 48.9 73.3

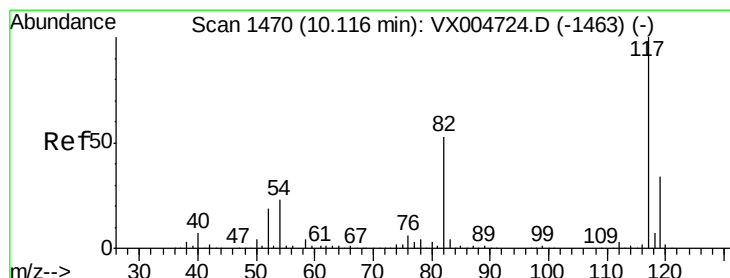
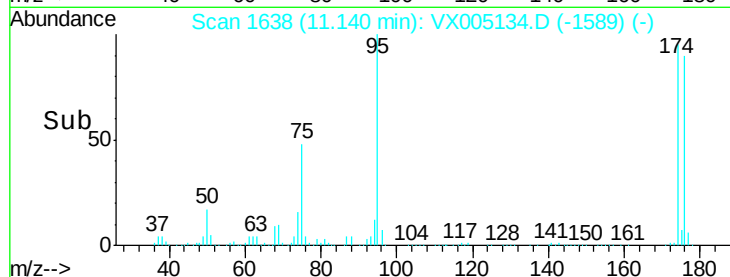
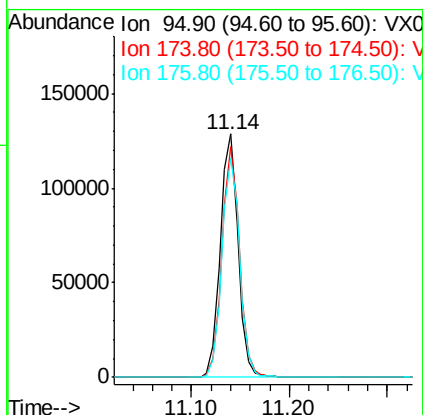
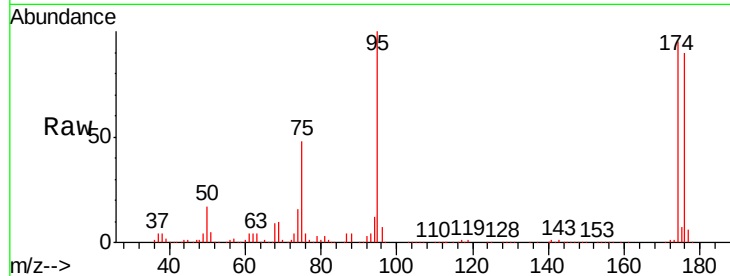




#62
4-Bromofluorobenzene
Concen: 51.98 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

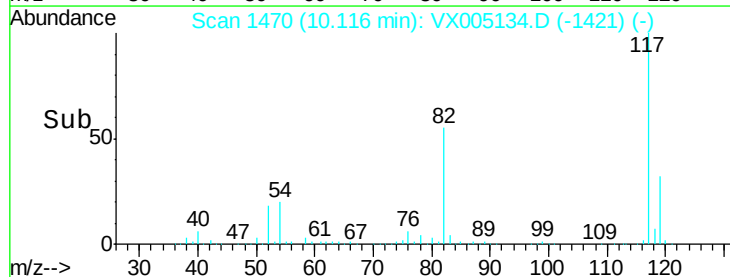
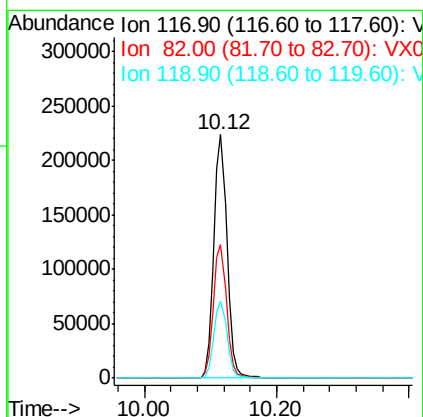
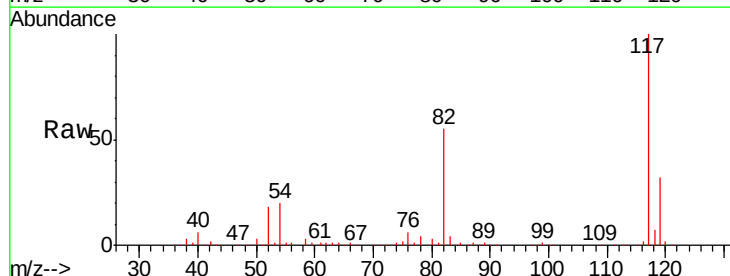
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

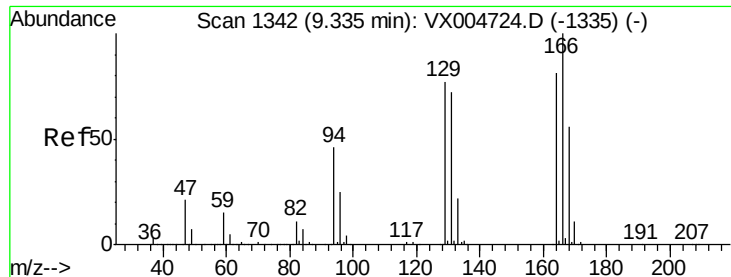
Tgt Ion: 95 Resp: 162913
Ion Ratio Lower Upper
95 100
174 93.9 0.0 185.0
176 90.4 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion: 117 Resp: 306662
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 31.7 27.4 41.0

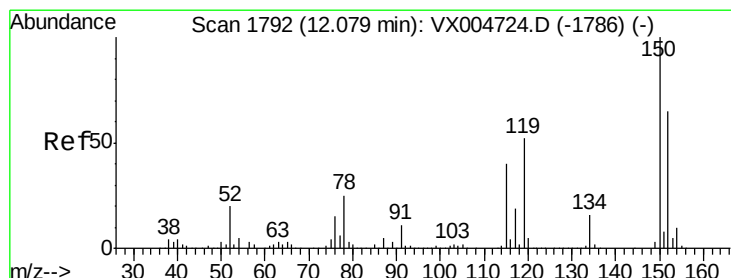
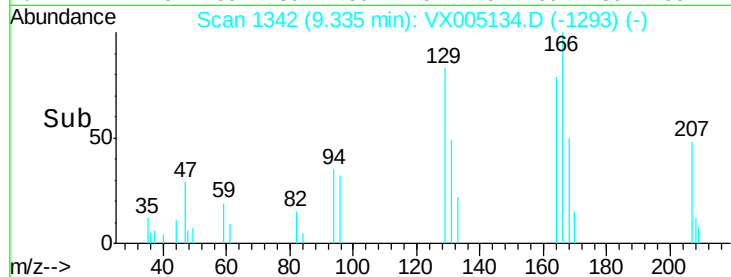
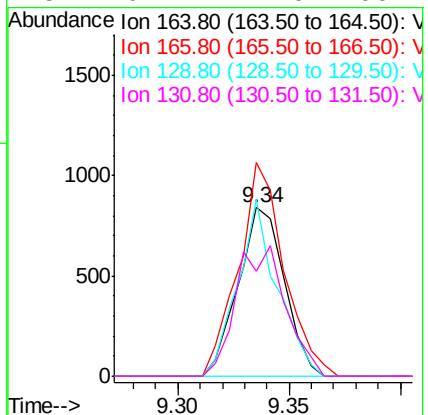
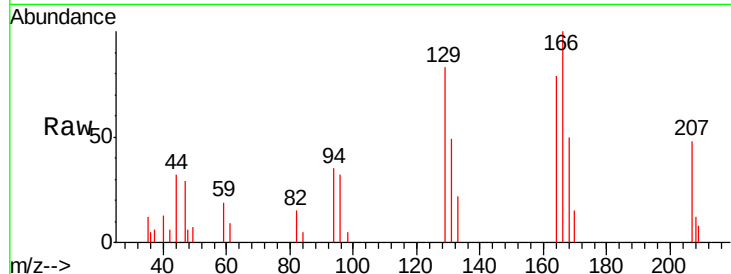




#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

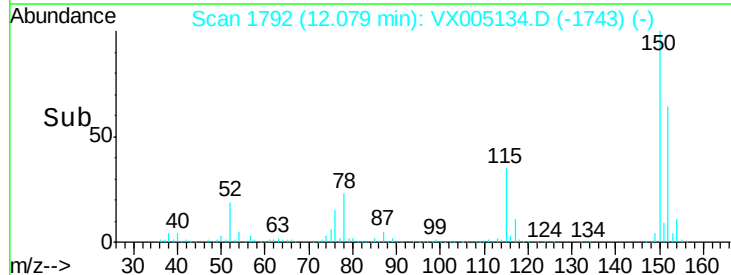
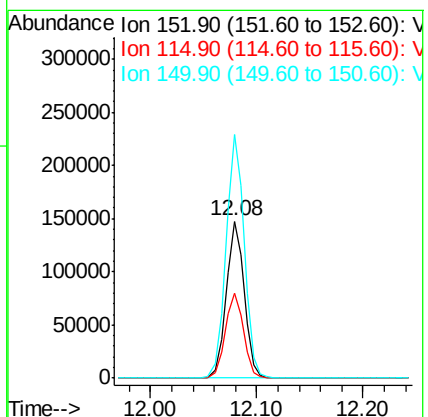
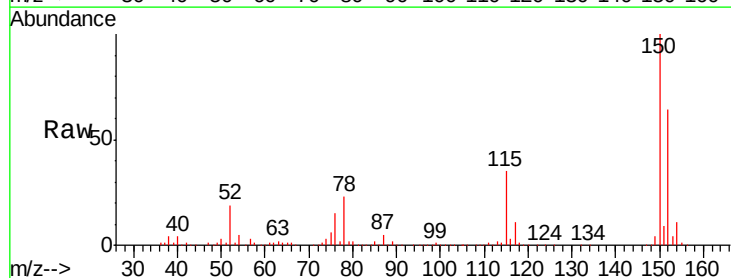
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

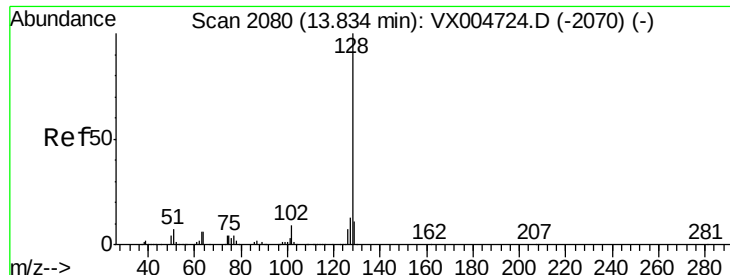
Tgt Ion:164 Resp: 1217
Ion Ratio Lower Upper
164 100
166 126.5 98.4 147.6
129 104.6 76.1 114.1
131 62.4 71.0 106.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion:152 Resp: 174698
Ion Ratio Lower Upper
152 100
115 54.9 40.2 120.6
150 157.1 0.0 351.0

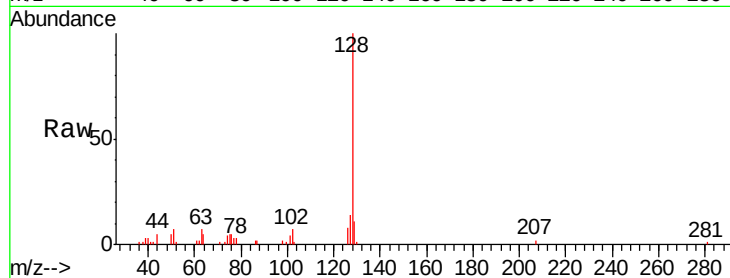




#95
Naphthalene
Concen: 1.29 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

Tgt Ion:128 Resp: 8445
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

