

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005131.D
 Acq On : 08 Oct 2018 16:56
 Operator : JC/MD
 Sample : J5284-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D1-20181001

Quant Time: Oct 09 13:01:34 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	186984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169351	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	143722	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	5.50	113	123067	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	8.72	98	437560	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	157507	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	

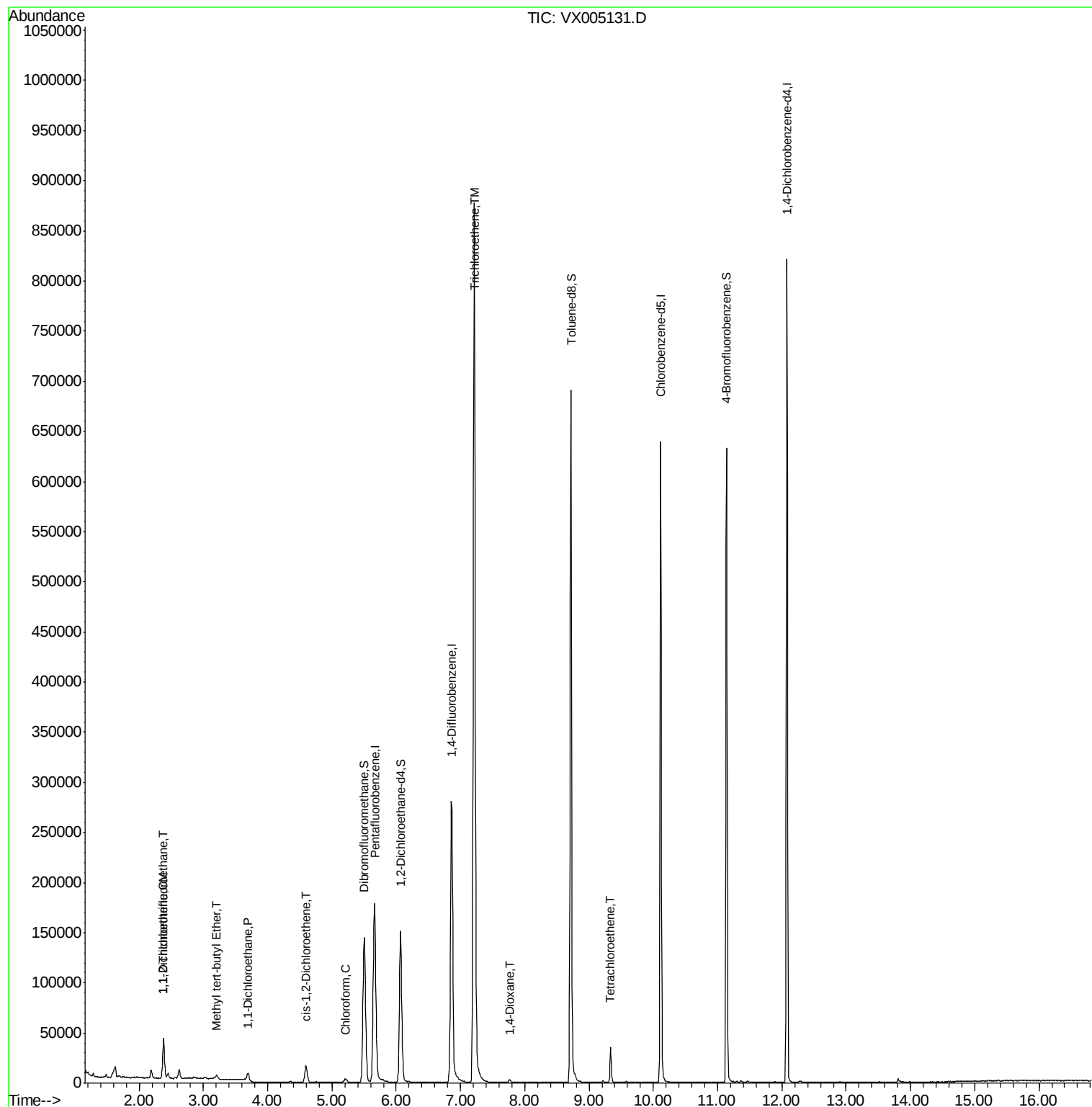
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12349	6.04	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3534	1.74	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	4087	0.58	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	7196	1.62	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	10560	4.26	ug/l	94
30) Chloroform	5.21	83	3675	0.88	ug/l	89
44) Trichloroethene	7.21	130	358142	134.49	ug/l	98
49) 1,4-Dioxane	7.76	88	1733	23.18	ug/l #	86
64) Tetrachloroethene	9.34	164	7029	2.40	ug/l	92

(#) = 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005131.D

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Instrument :

MSVOA_X

ClientSampleId :

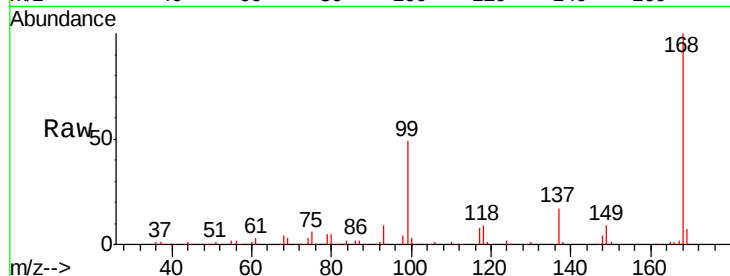
RE-125D1-20181001

Tgt Ion:168 Resp: 186984

Ion Ratio Lower Upper

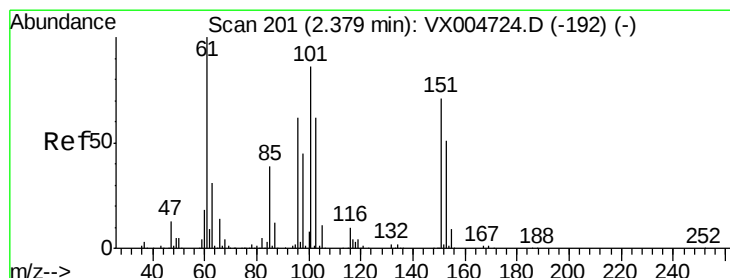
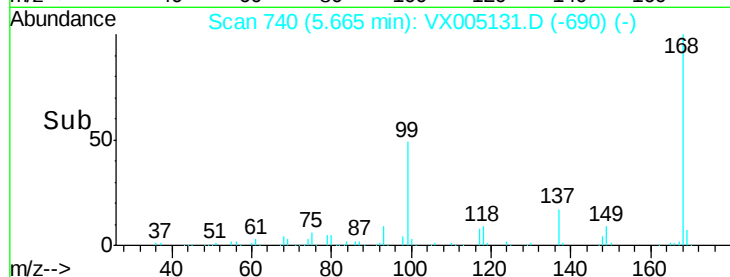
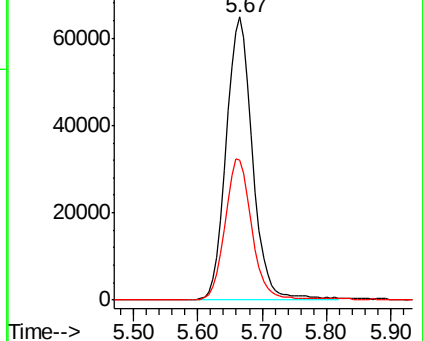
168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.04 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

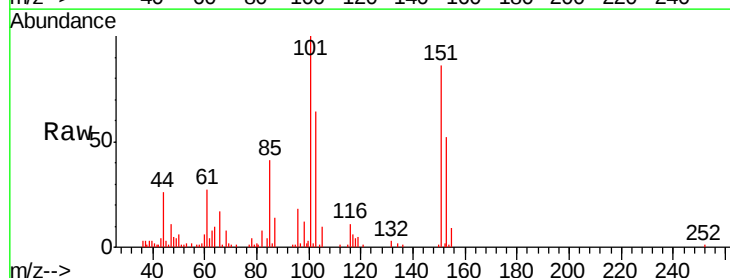
Tgt Ion:101 Resp: 12349

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

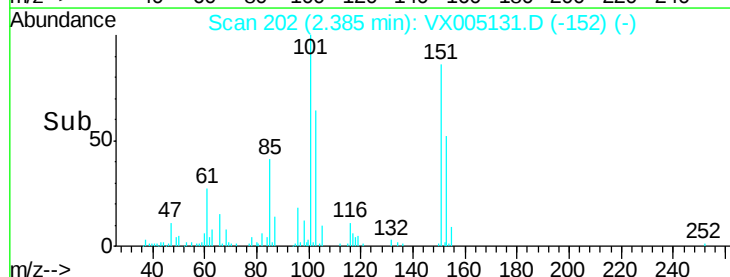
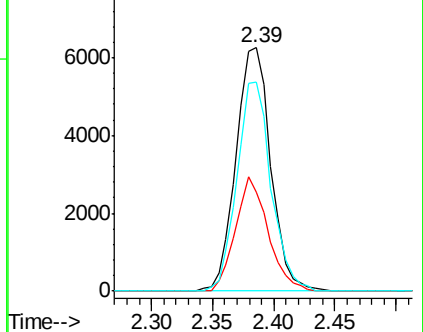
151 84.1 66.6 100.0

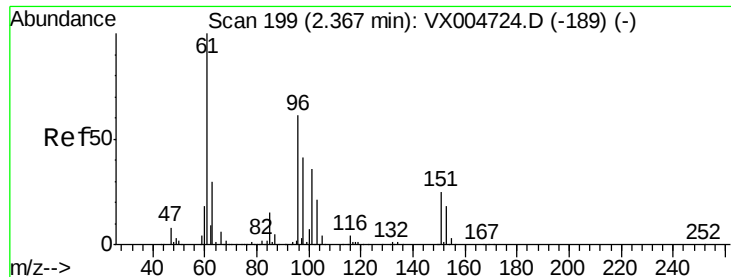


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.74 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE-125D1-20181001

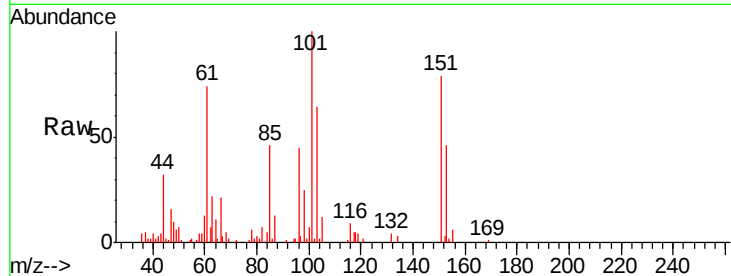
Tgt Ion: 96 Resp: 3534

Ion Ratio Lower Upper

96 100

61 164.9 130.2 195.4

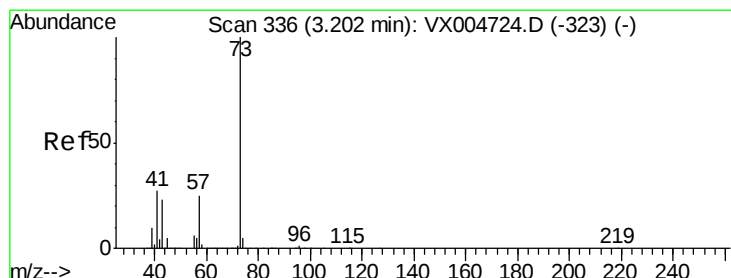
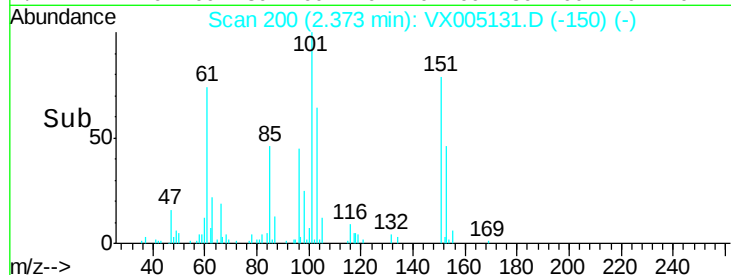
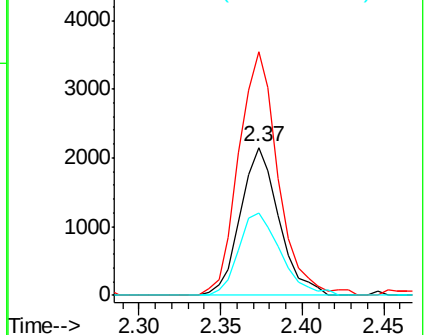
98 56.2 53.4 80.0



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



#19

Methyl tert-butyl Ether

Concen: 0.58 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005131.D

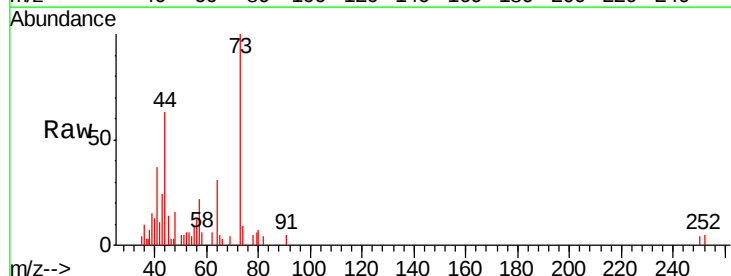
Acq: 08 Oct 2018 16:56

Tgt Ion: 73 Resp: 4087

Ion Ratio Lower Upper

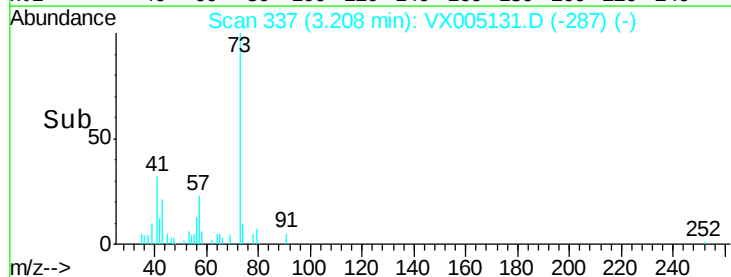
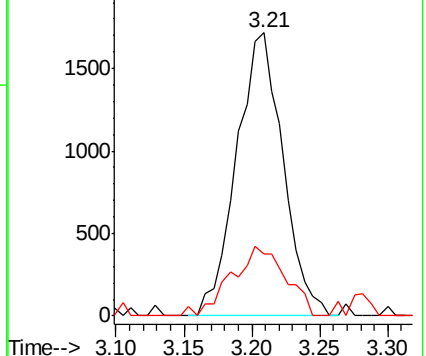
73 100

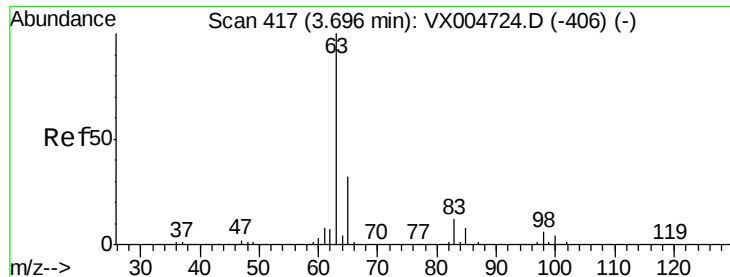
57 18.8 19.9 29.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#24

1,1-Dichloroethane

Concen: 1.62 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE-125D1-20181001

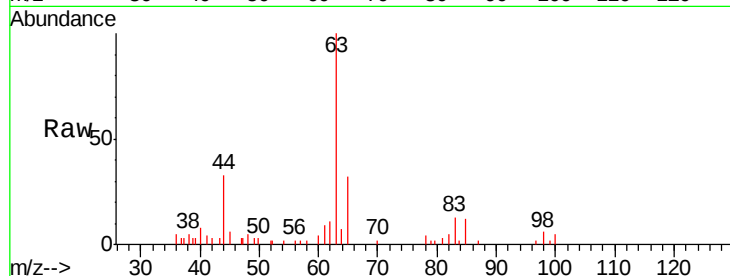
Tgt Ion: 63 Resp: 7196

Ion Ratio Lower Upper

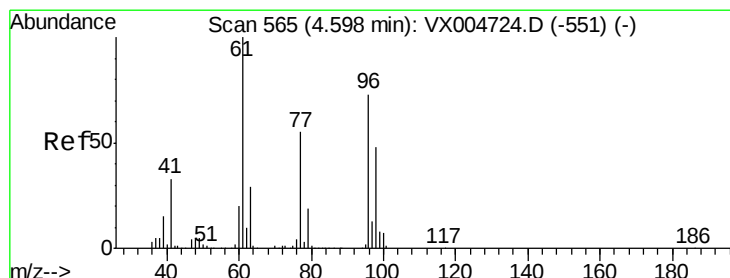
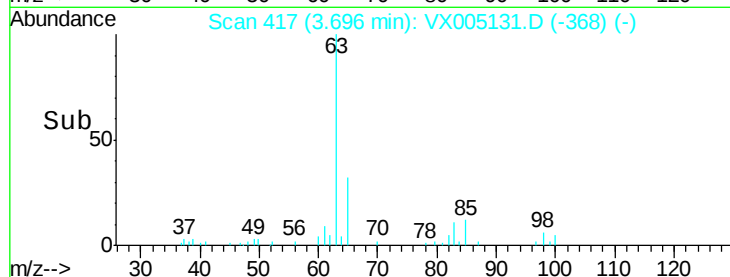
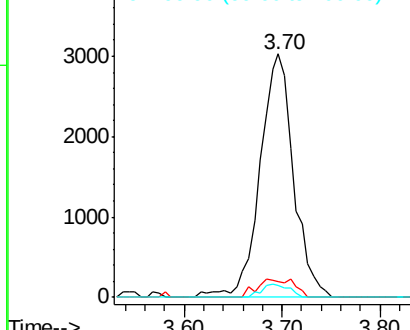
63 100

98 6.4 3.0 9.2

100 5.0 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: 4.26 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

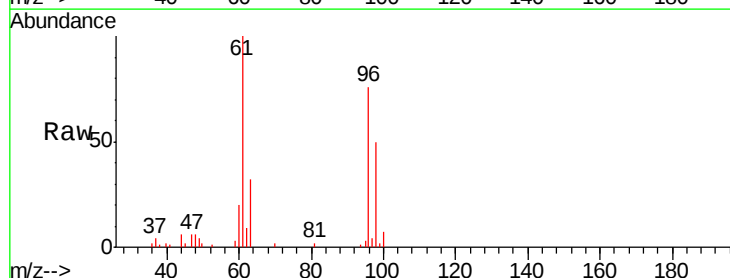
Tgt Ion: 96 Resp: 10560

Ion Ratio Lower Upper

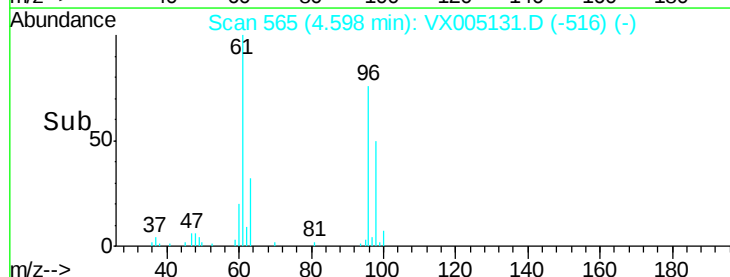
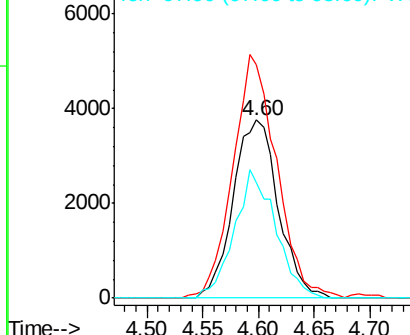
96 100

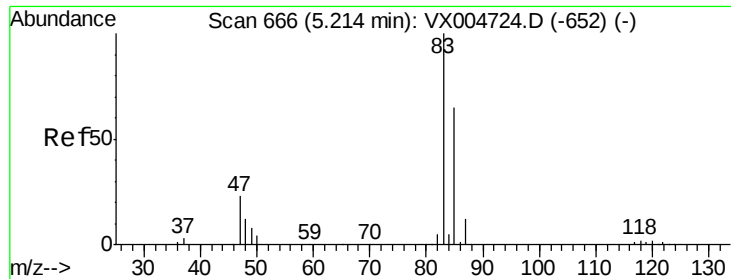
61 132.9 0.0 285.8

98 66.3 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

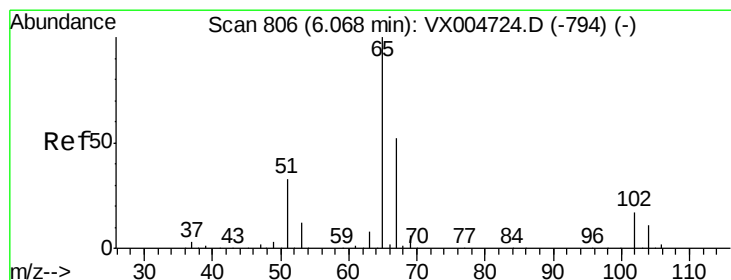
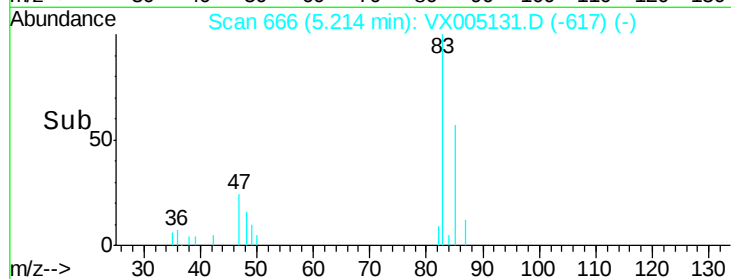
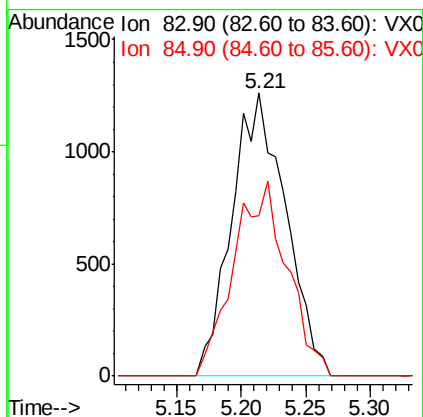
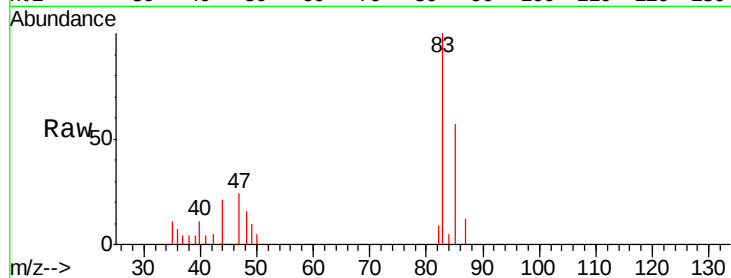




#30
Chloroform
Concen: 0.88 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005131.D
Acq: 08 Oct 2018 16:56

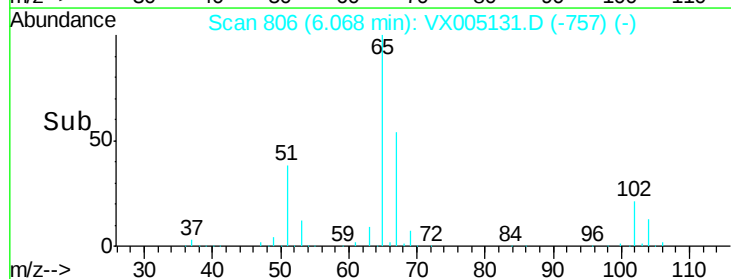
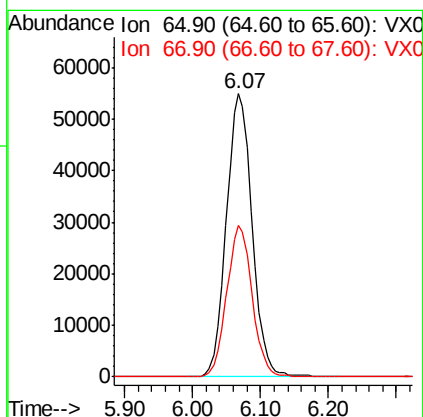
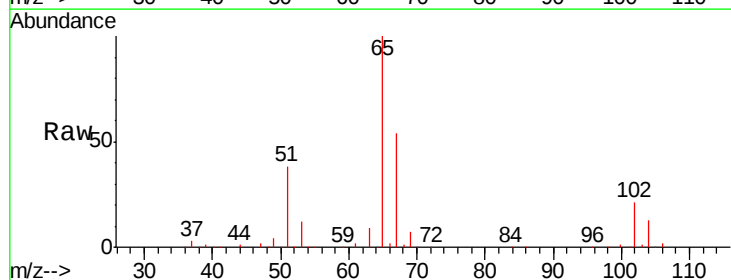
Instrument :
MSVOA_X
ClientSampleId :
RE-125D1-20181001

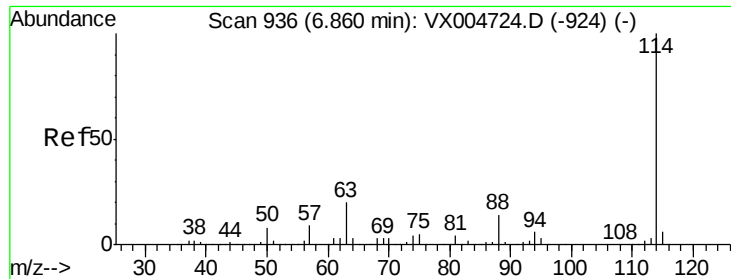
Tgt Ion: 83 Resp: 3675
Ion Ratio Lower Upper
83 100
85 56.7 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 53.81 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005131.D
Acq: 08 Oct 2018 16:56

Tgt Ion: 65 Resp: 143722
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

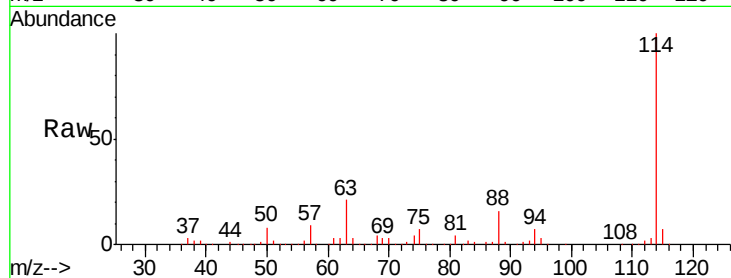




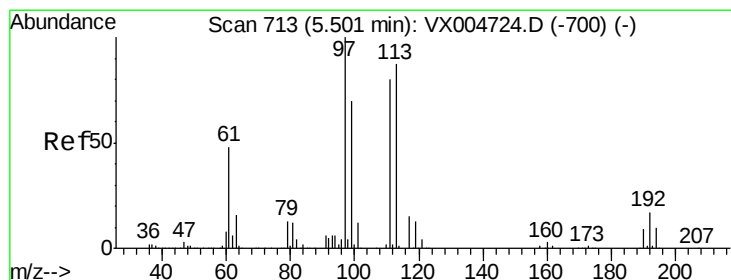
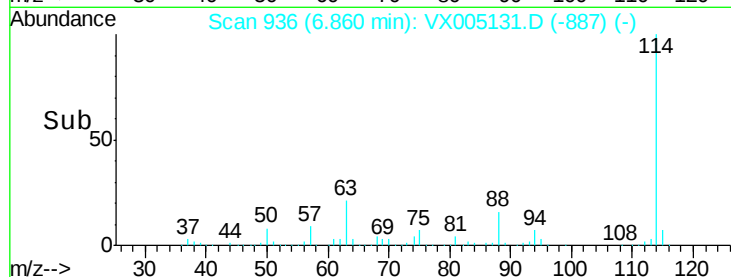
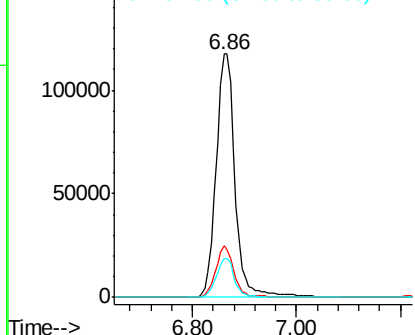
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005131.D
 Acq: 08 Oct 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D1-20181001

Tgt Ion:114 Resp: 299233
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.7 0.0 27.0

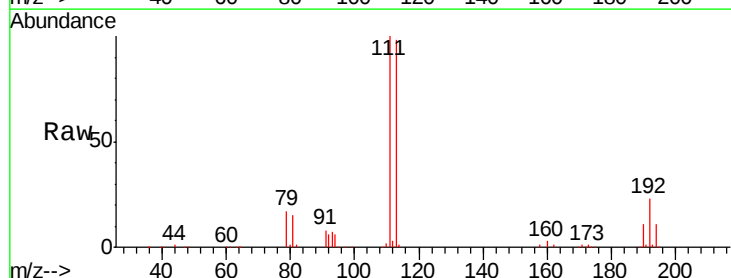


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

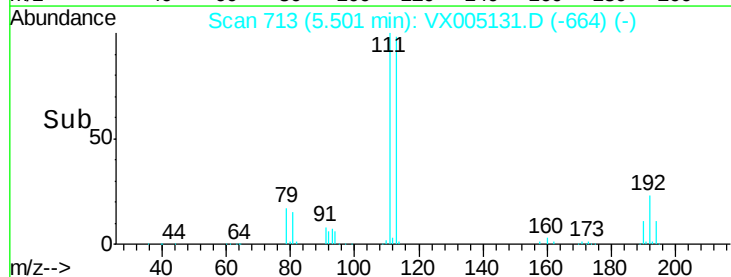
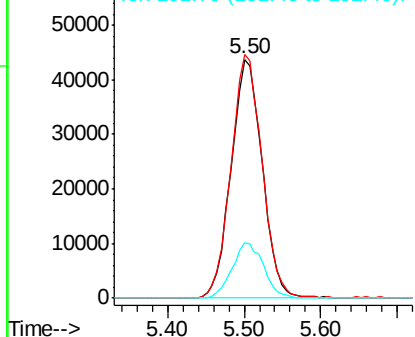


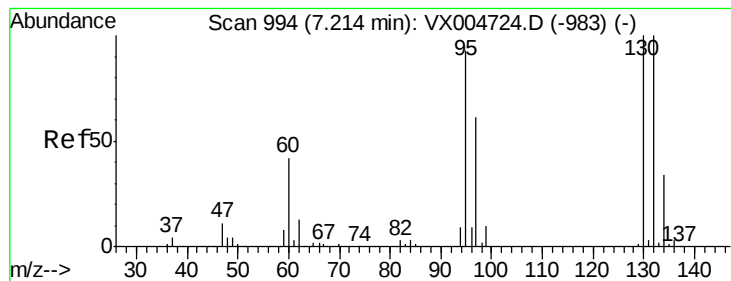
#35
 Dibromofluoromethane
 Concen: 48.53 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005131.D
 Acq: 08 Oct 2018 16:56

Tgt Ion:113 Resp: 123067
 Ion Ratio Lower Upper
 113 100
 111 101.8 77.0 115.4
 192 23.4 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: 134.49 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

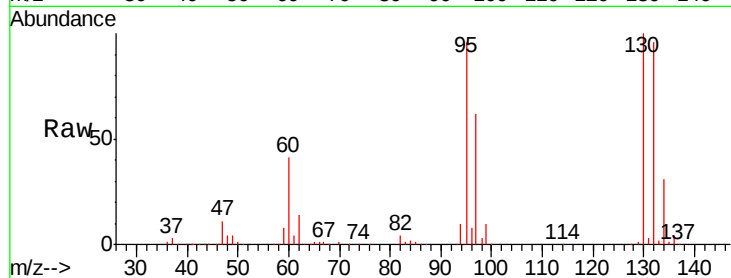
RE-125D1-20181001

Tgt Ion:130 Resp: 358142

Ion Ratio Lower Upper

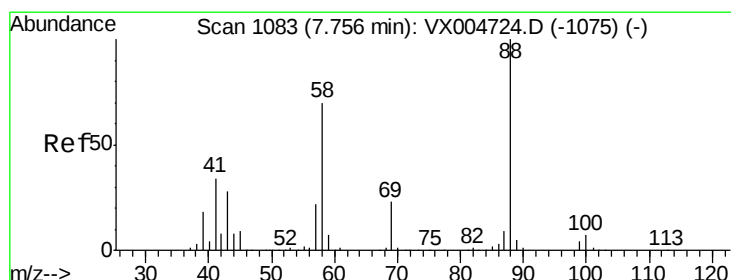
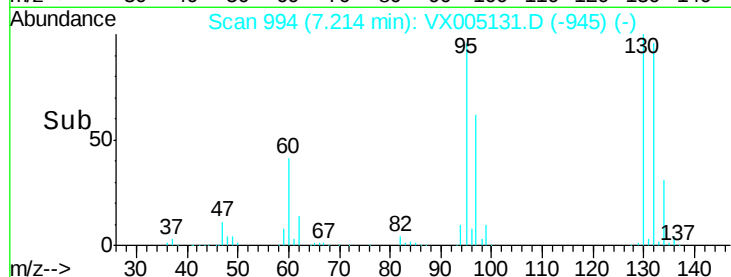
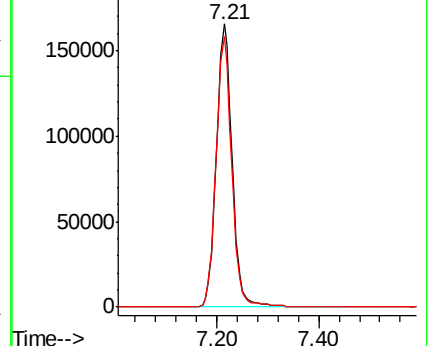
130 100

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



#49

1,4-Dioxane

Concen: 23.18 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

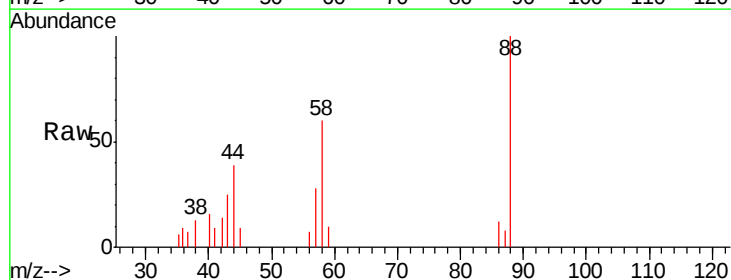
Tgt Ion: 88 Resp: 1733

Ion Ratio Lower Upper

88 100

43 44.0 25.1 37.7#

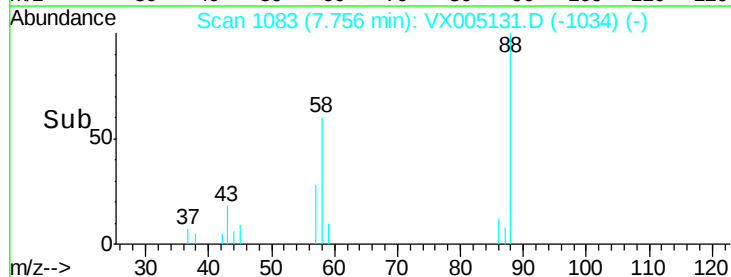
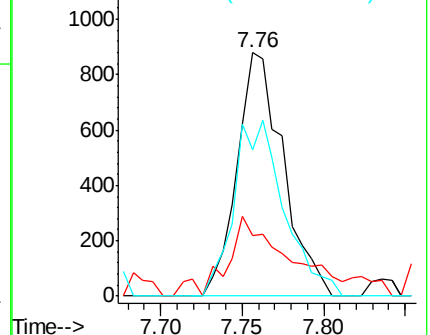
58 78.6 56.2 84.2

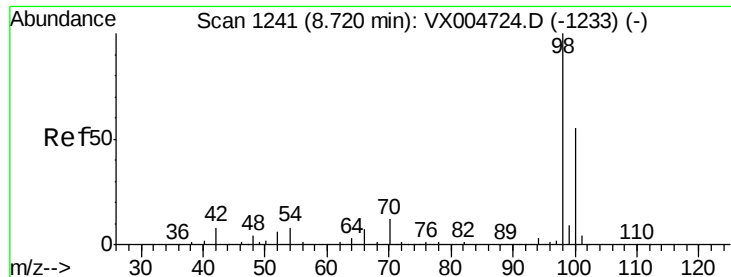


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.90 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

Instrument :

MSVOA_X

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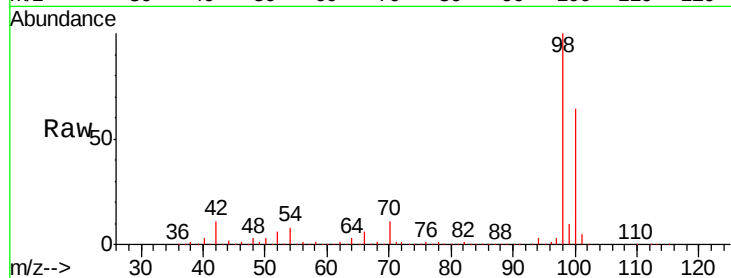
RE-125D1-20181001

Tgt Ion: 98 Resp: 437560

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

150000

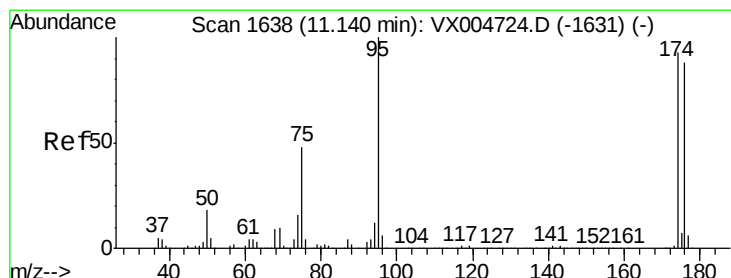
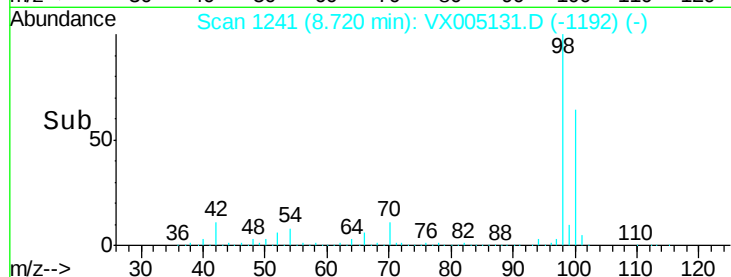
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 51.86 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005131.D

Acq: 08 Oct 2018 16:56

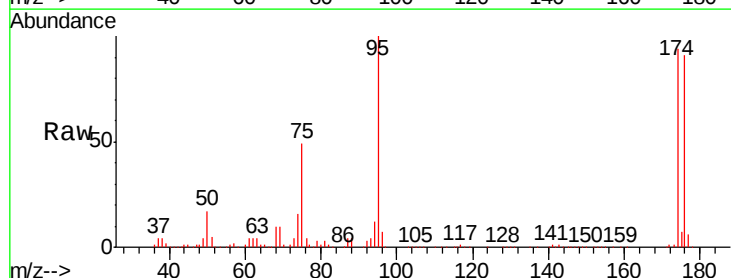
Tgt Ion: 95 Resp: 157507

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.0

176 89.8 0.0 180.2



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

11.14

150000

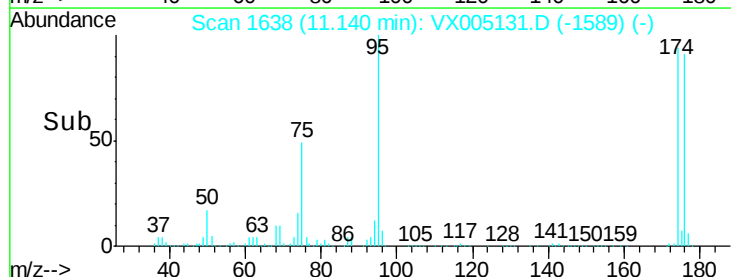
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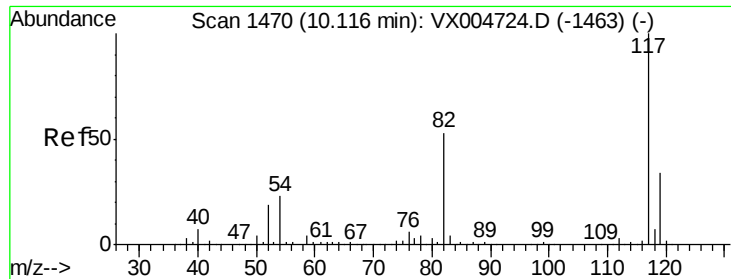
50000

0

11.10 11.20

Time-->

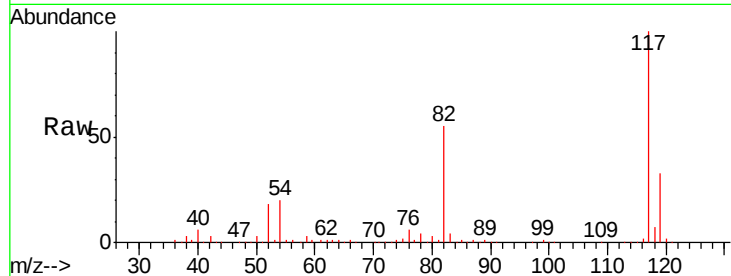




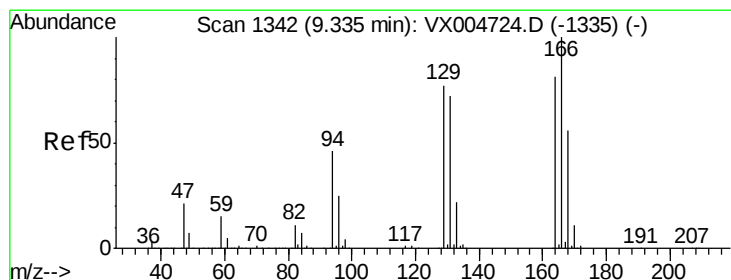
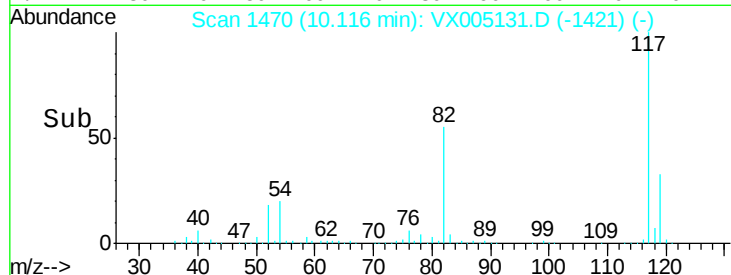
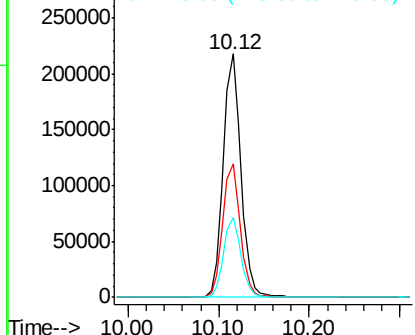
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005131.D
Acq: 08 Oct 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
RE-125D1-20181001

Tgt Ion:117 Resp: 298171
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.7 27.4 41.0

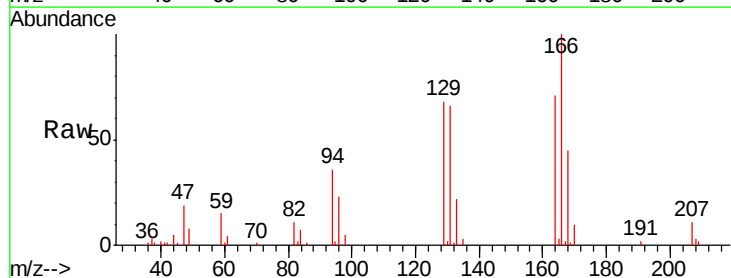


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

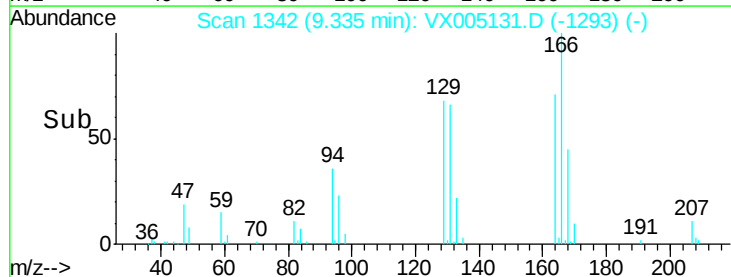
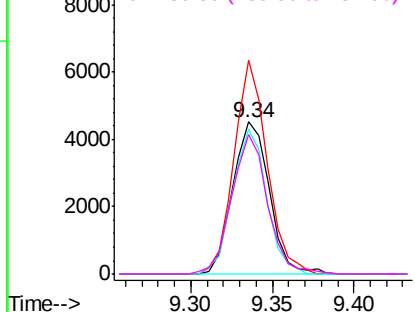


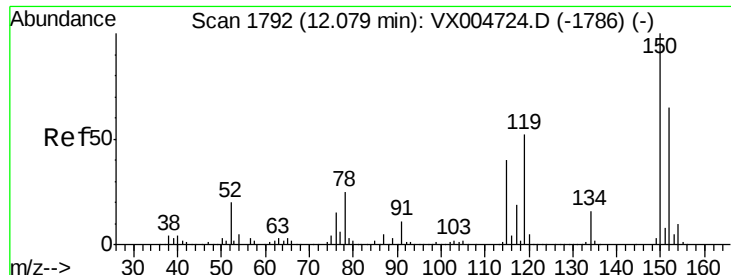
#64
Tetrachloroethene
Concen: 2.40 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005131.D
Acq: 08 Oct 2018 16:56

Tgt Ion:164 Resp: 7029
Ion Ratio Lower Upper
164 100
166 140.7 98.4 147.6
129 95.5 76.1 114.1
131 92.3 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: VX005131.D
 Acq: 08 Oct 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D1-20181001

Tgt Ion	Resp	Lower	Upper
152	169351		
152	100		
115	55.1	40.2	120.6
150	155.5	0.0	351.0

