

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019060.D
 Acq On : 9 May 2018 16:26
 Operator : SY/MD
 Sample : J2705-02
 Misc : 5.23g/5mL/MSVOA T/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(5-10)

Quant Time: May 09 17:02:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

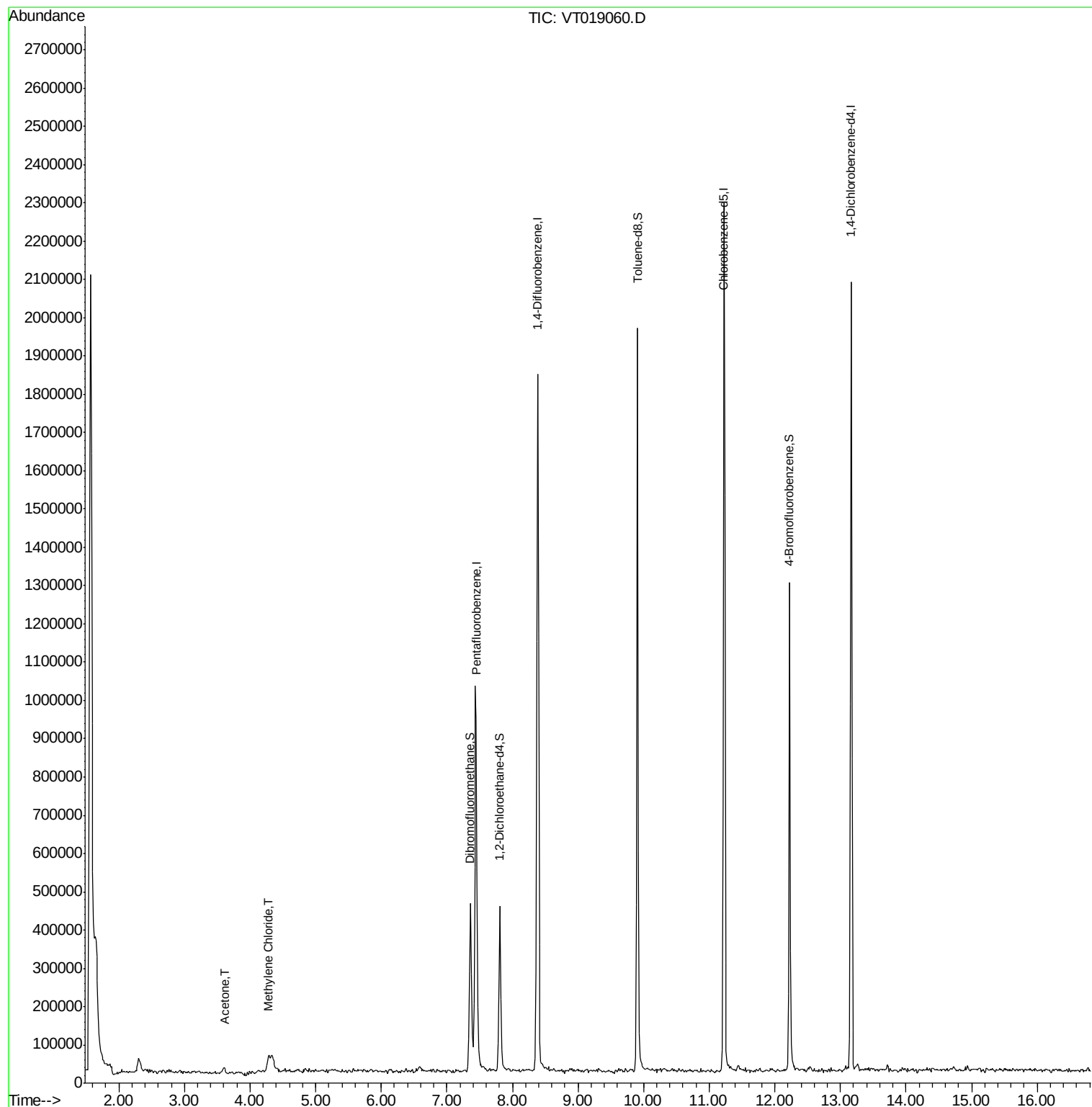
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	732985	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1391730	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1094014	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	431240	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	381825	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
34) Dibromofluoromethane	7.35	113	370680	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
49) Toluene-d8	9.91	98	1366921	40.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.76%	
61) 4-Bromofluorobenzene	12.22	95	488511	38.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.62%	
Target Compounds						
16) Acetone	3.61	43	23905	32.37	ug/l	Qvalue 99
20) Methylene Chloride	4.28	84	69780m	8.77	ug/l	

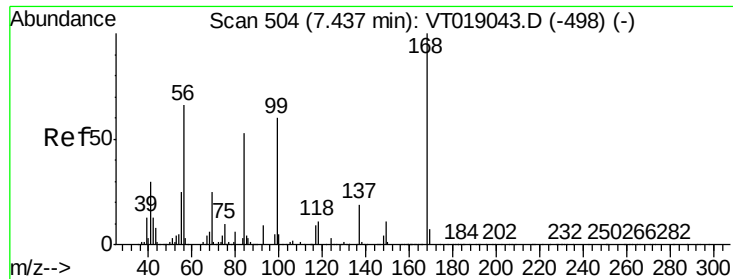
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019060.D

Acq: 9 May 2018 16:26

Instrument :

MSVOA_T

ClientSampleId :

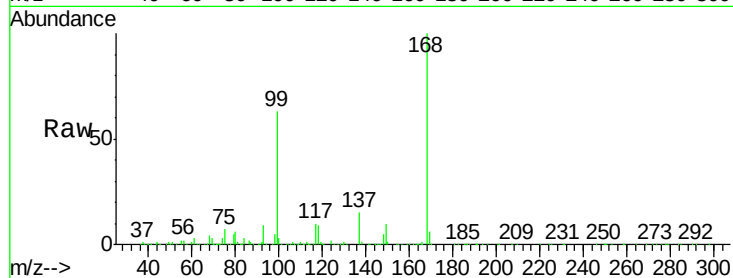
EPE-F-GA(5-10)

Tot Ion:168 Resp: 732985

Ion Ratio Lower Upper

168 100

99 63.0 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.45

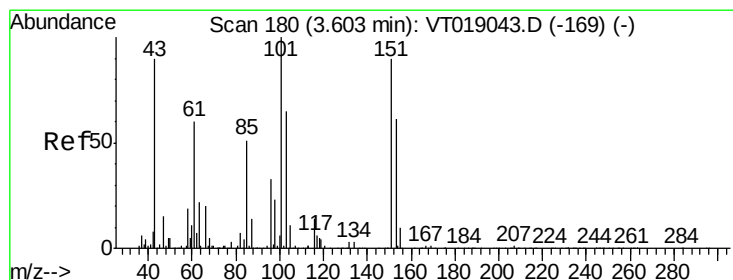
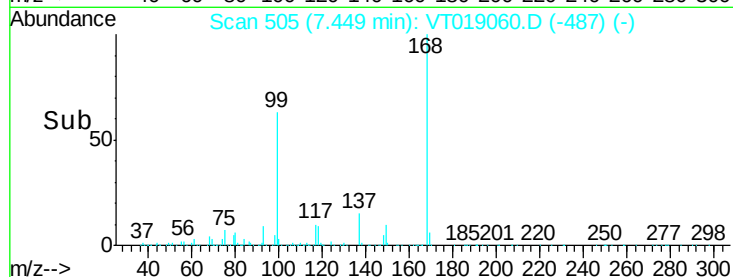
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 32.37 ug/l

RT: 3.61 min Scan# 181

Delta R.T. 0.01 min

Lab File: VT019060.D

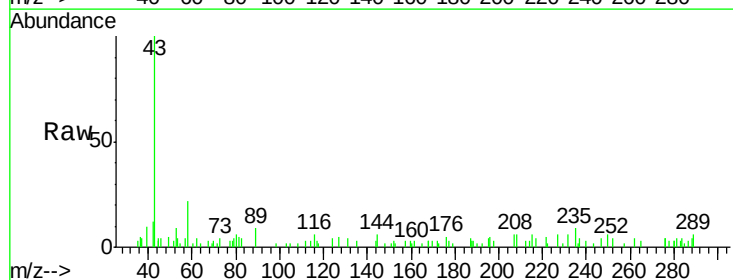
Acq: 9 May 2018 16:26

Tgt Ion: 43 Resp: 23905

Ion Ratio Lower Upper

43 100

58 21.6 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

3.61

8000

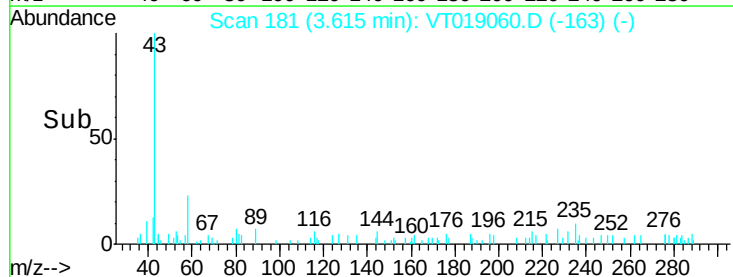
6000

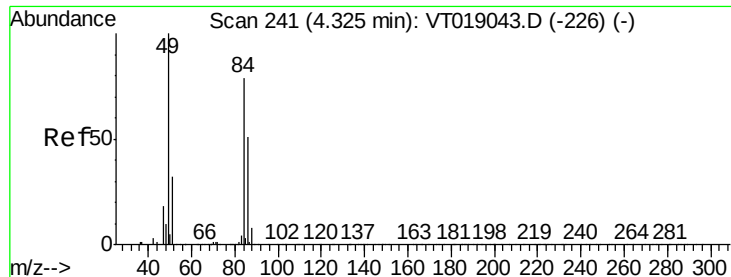
4000

2000

0

Time-->

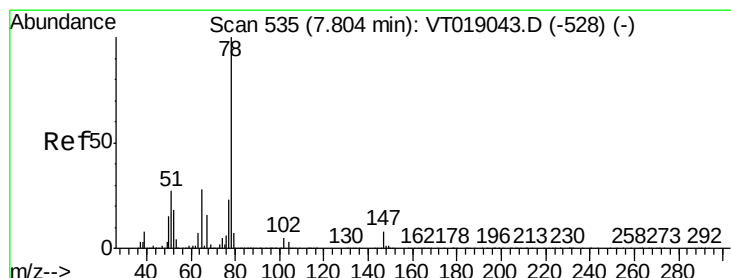
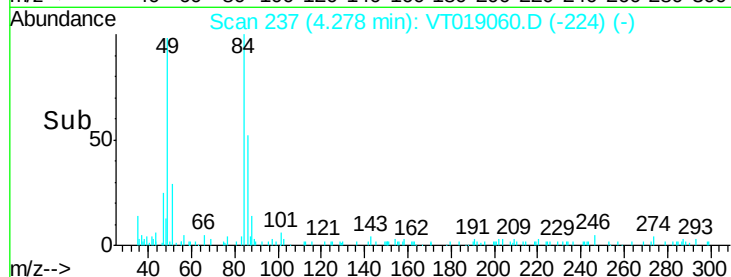
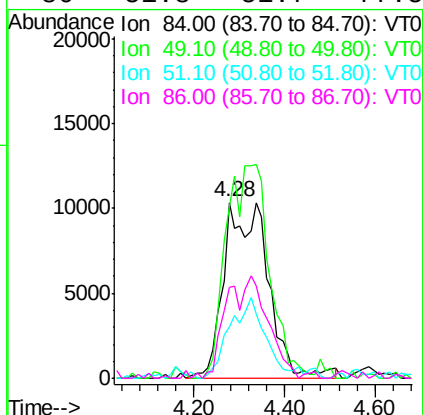
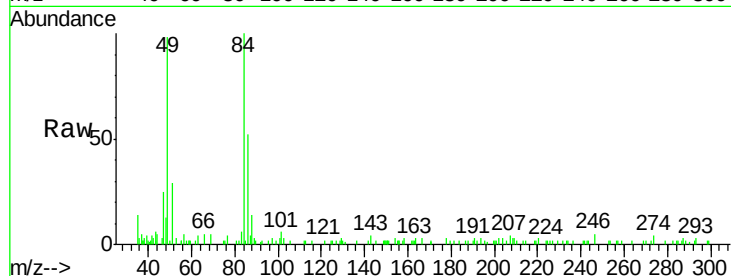




#20
Methylene Chloride
Concen: 8.77 ug/l m
RT: 4.28 min Scan# 237
Delta R.T. -0.05 min
Lab File: VT019060.D
Acq: 9 May 2018 16:26

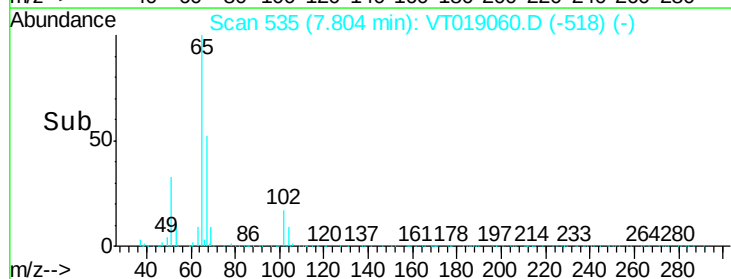
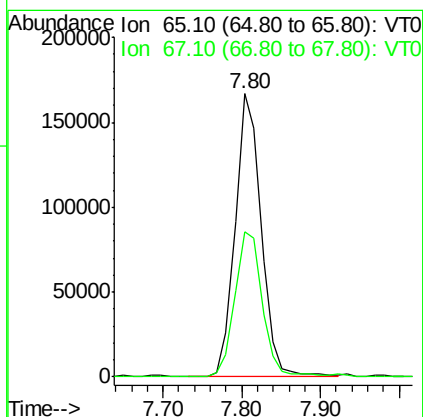
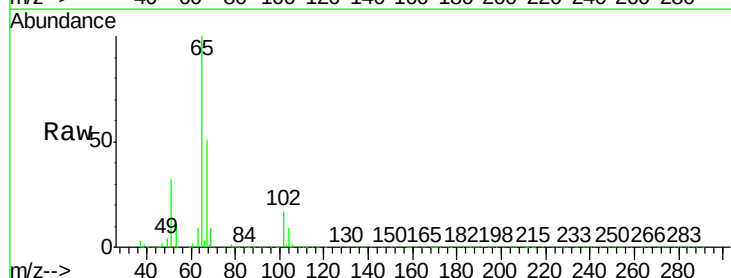
Instrument :
MSVOA_T
ClientSampleId :
EPE-F-GA(5-10)

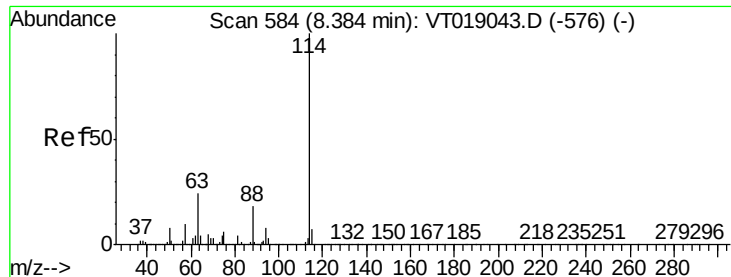
Tot Ion:	84	Resp:	69780
Ion	Ratio	Lower	Upper
84	100		
49	97.6	103.0	154.4#
51	29.5	33.3	49.9#
86	51.8	51.7	77.5



#32
1,2-Dichloroethane-d4
Concen: 54.88 ug/l
RT: 7.80 min Scan# 535
Delta R.T. -0.00 min
Lab File: VT019060.D
Acq: 9 May 2018 16:26

Tgt Ion:	65	Resp:	381825
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	114.2

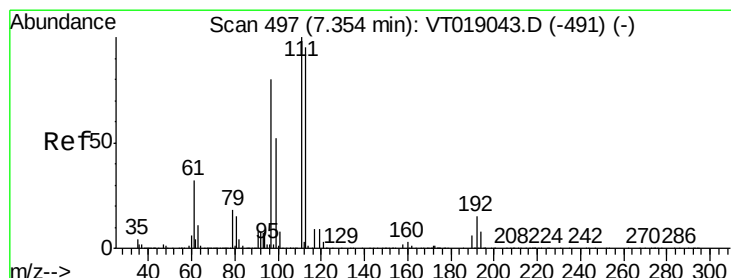
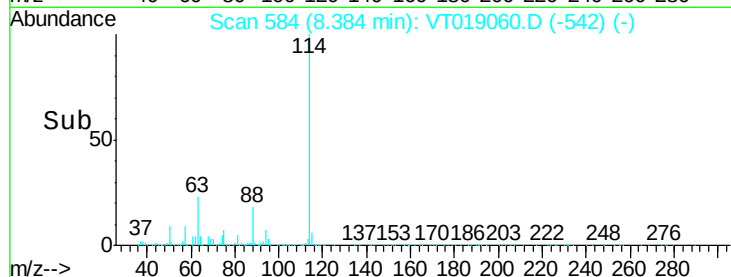
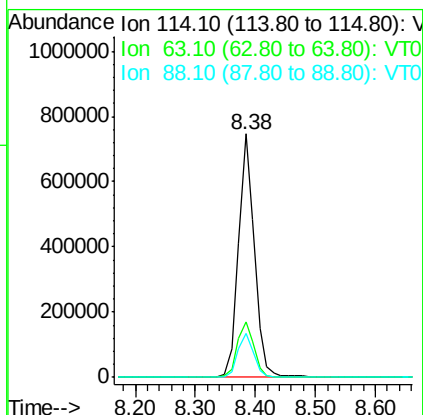
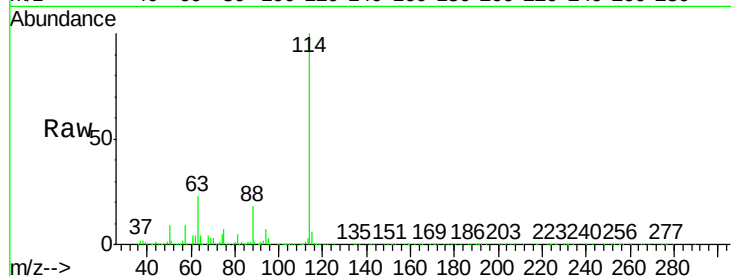




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.38 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: VT019060.D
 Acq: 9 May 2018 16:26

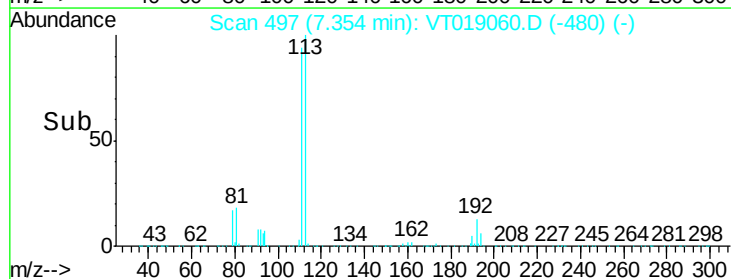
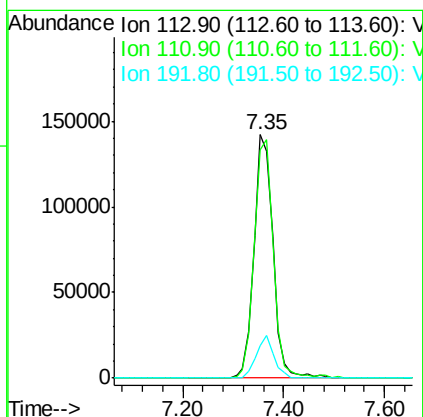
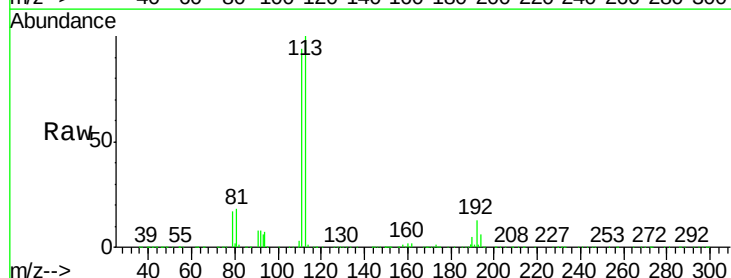
Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(5-10)

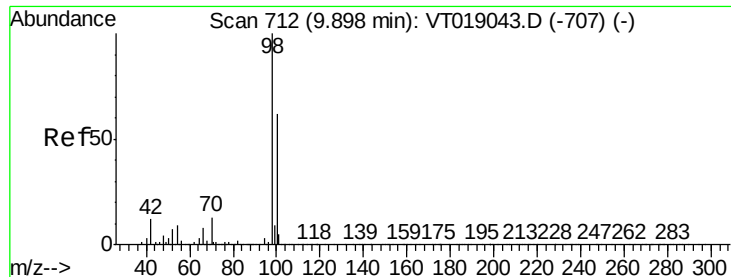
Tot Ion:114 Resp: 1391730
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 48.8
 88 18.2 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019060.D
 Acq: 9 May 2018 16:26

Tgt Ion:113 Resp: 370680
 Ion Ratio Lower Upper
 113 100
 111 93.9 84.0 126.0
 192 13.2 12.9 19.3





#49

Toluene-d8

Concen: 40.88 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.01 min

Lab File: VT019060.D

Acq: 9 May 2018 16:26

Instrument :

MSVOA_T

ClientSampleId :

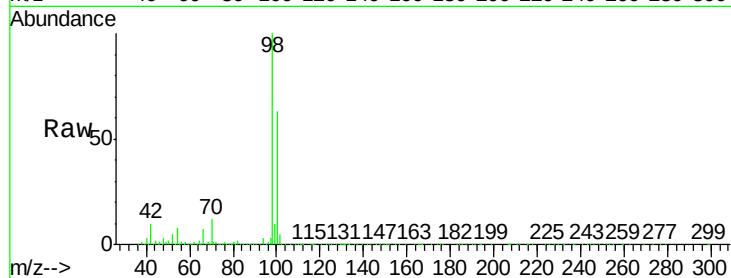
EPE-F-GA(5-10)

Tot Ion: 98 Resp: 1366921

Ion Ratio Lower Upper

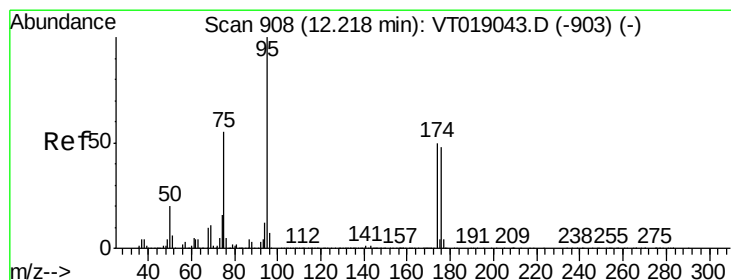
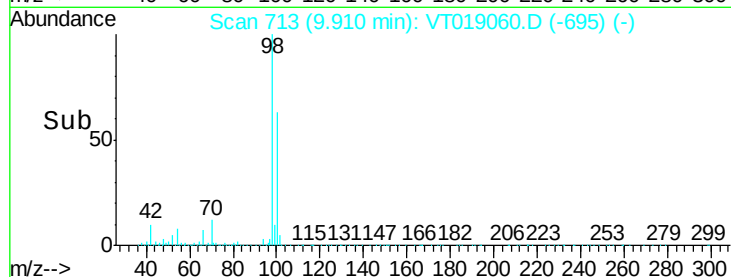
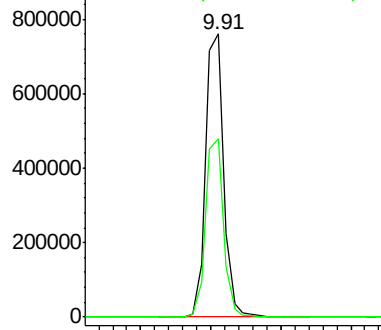
98 100

100 62.8 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0



#61

4-Bromofluorobenzene

Concen: 38.81 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019060.D

Acq: 9 May 2018 16:26

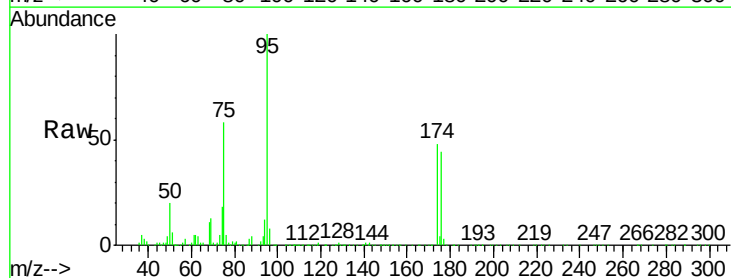
Tgt Ion: 95 Resp: 488511

Ion Ratio Lower Upper

95 100

174 47.7 0.0 100.0

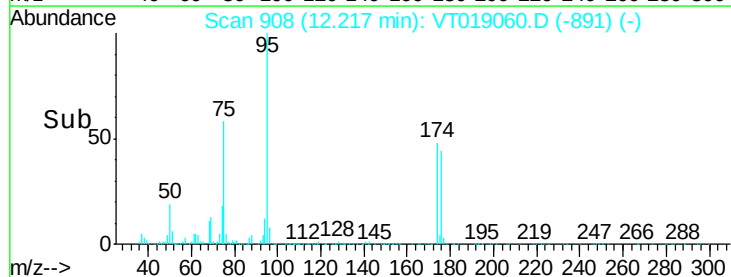
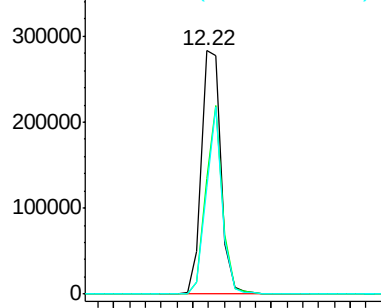
176 43.7 0.0 96.6

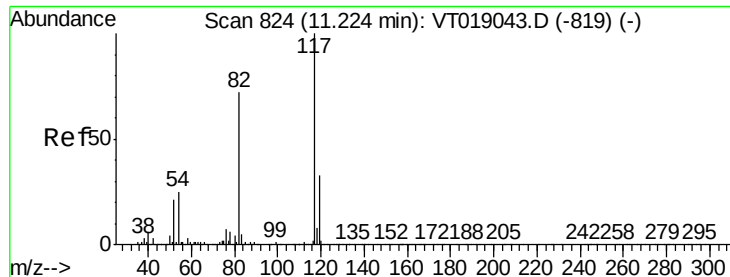


Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0

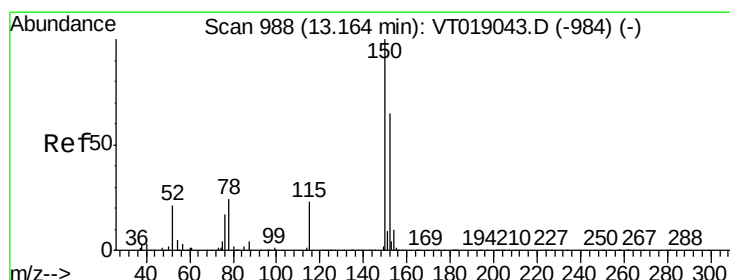
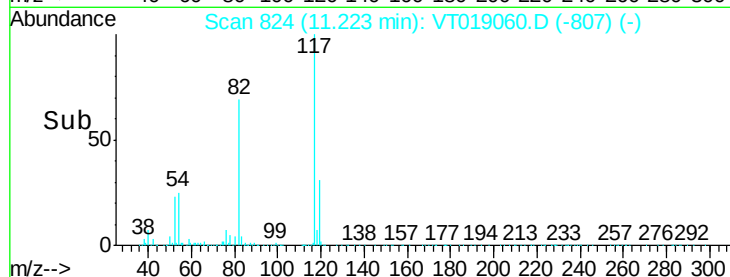
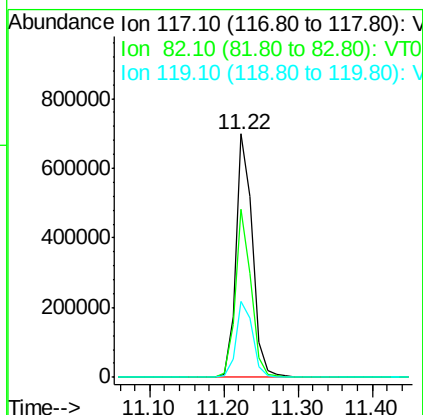
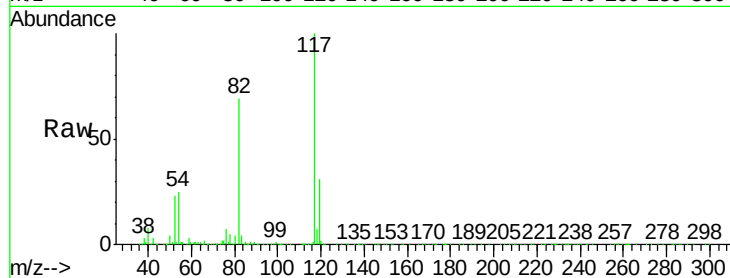




#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.00 min
Lab File: VT019060.D
Acq: 9 May 2018 16:26

Instrument :
MSVOA_T
ClientSampleId :
EPE-F-GA(5-10)

Tot Ion:117 Resp: 1094014
Ion Ratio Lower Upper
117 100
82 68.9 57.6 86.4
119 31.4 26.6 40.0



#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.16 min Scan# 988
Delta R.T. -0.00 min
Lab File: VT019060.D
Acq: 9 May 2018 16:26

Tgt Ion:152 Resp: 431240
Ion Ratio Lower Upper
152 100
115 67.5 34.2 102.6
150 151.3 0.0 321.2

