

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019063.D
 Acq On : 9 May 2018 17:59
 Operator : SY/MD
 Sample : J2705-05
 Misc : 6.14g/5mL/MSVOA T/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(35-37)

Quant Time: May 09 18:26:54 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	7.44	168	659836	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1271530	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1052269	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	431377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) 1,2-Dichloroethane-d4	7.80	65	324807	51.86	ug/l	0.00
Spiked Amount						
			Recovery	=	103.72%	
34) Dibromofluoromethane	7.35	113	320504	45.01	ug/l	0.00
Spiked Amount						
			Recovery	=	90.02%	
49) Toluene-d8	9.91	98	1224051	40.07	ug/l	0.01
Spiked Amount						
			Recovery	=	80.14%	
61) 4-Bromofluorobenzene	12.22	95	437455	38.04	ug/l	0.00
Spiked Amount						
			Recovery	=	76.08%	

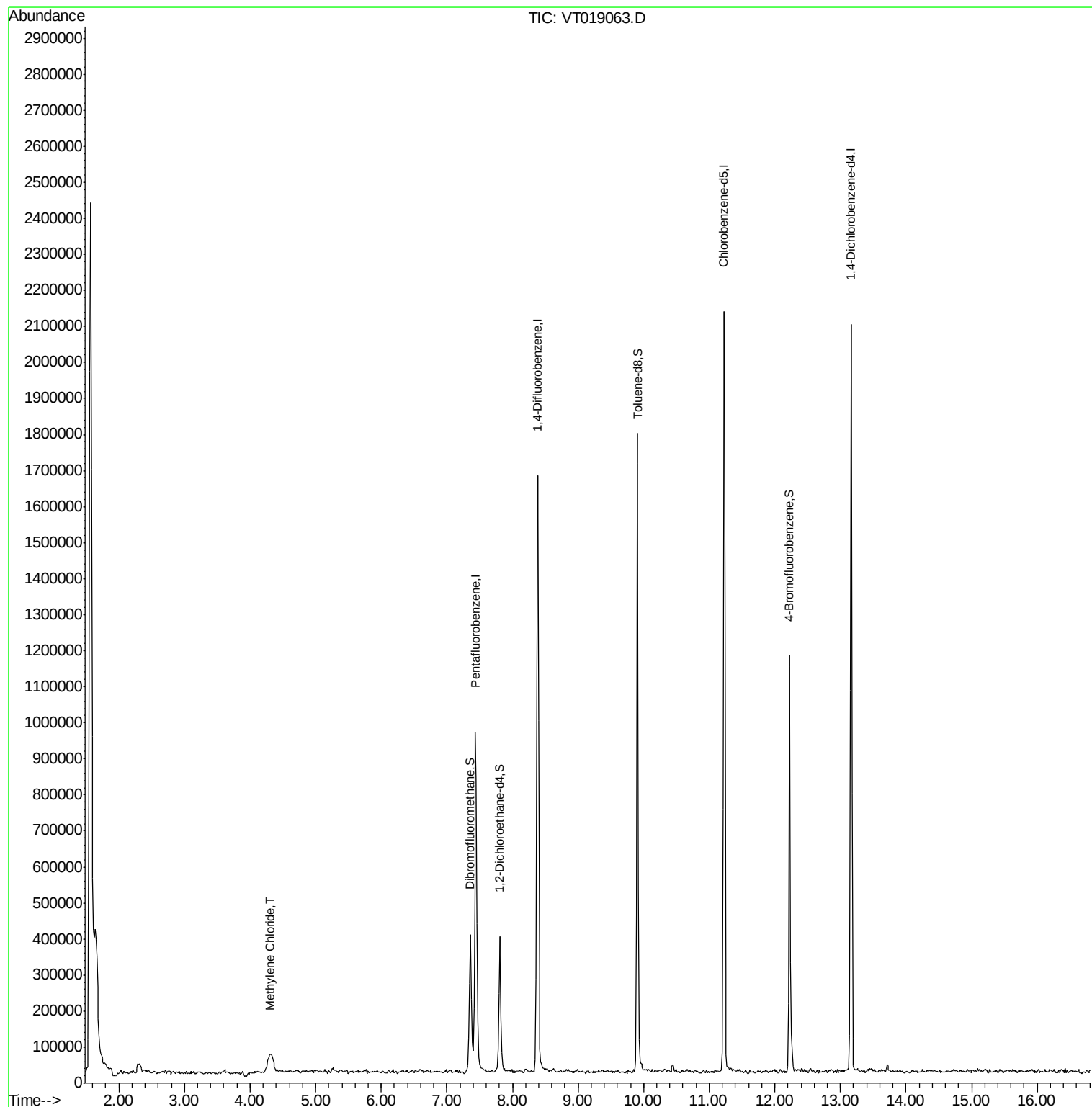
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.30	84	69739	9.74	ug/l	95

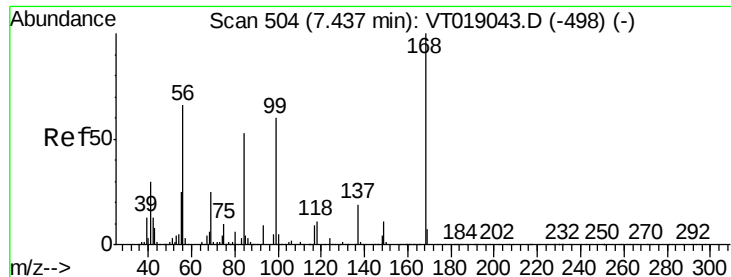
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 09 04:36:54 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019063.D

Acq: 9 May 2018 17:59

Instrument :

MSVOA_T

ClientSampleId :

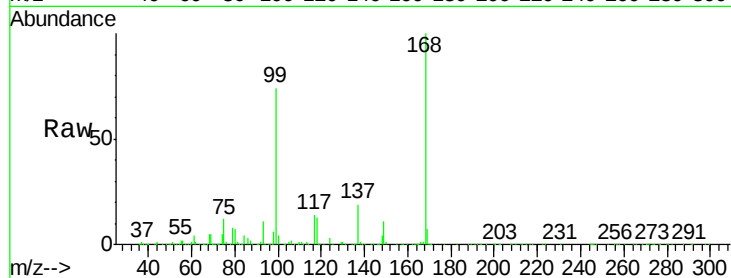
EPE-F-GA(35-37)

Tot Ion:168 Resp: 659836

Ion Ratio Lower Upper

168 100

99 74.3 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

300000

250000

200000

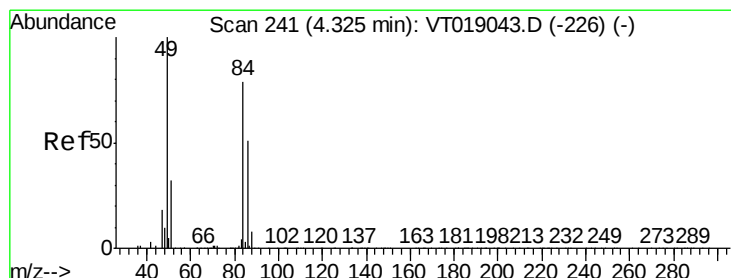
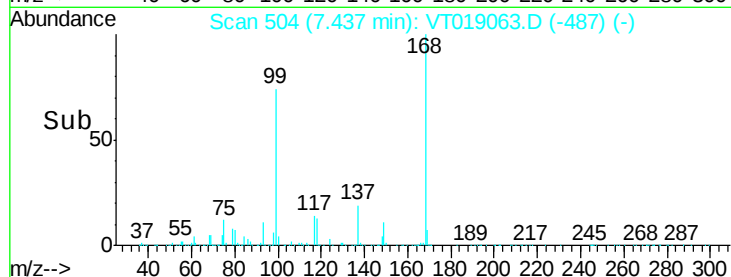
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.74 ug/l

RT: 4.30 min Scan# 239

Delta R.T. -0.02 min

Lab File: VT019063.D

Acq: 9 May 2018 17:59

Tgt Ion: 84 Resp: 69739

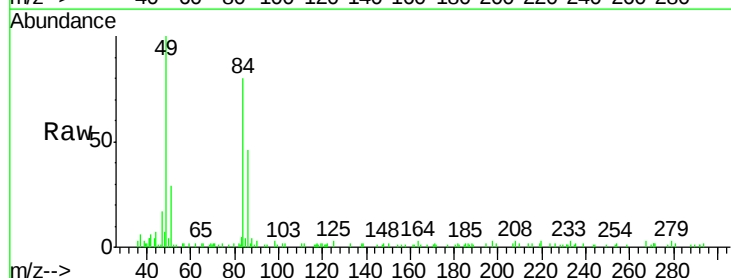
Ion Ratio Lower Upper

84 100

49 130.4 103.0 154.4

51 36.1 33.3 49.9

86 57.6 51.7 77.5



Abundance Ion 84.00 (83.70 to 84.70): VT0

Ion 49.10 (48.80 to 49.80): VT0

Ion 51.10 (50.80 to 51.80): VT0

Ion 86.00 (85.70 to 86.70): VT0

20000

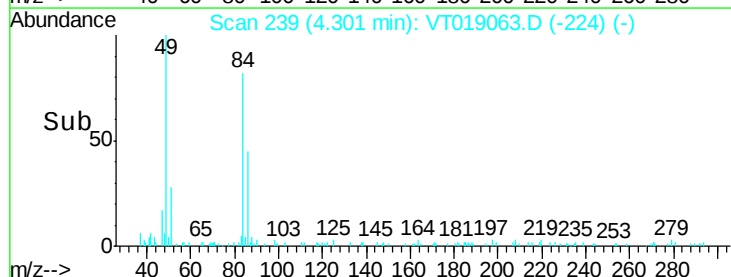
15000

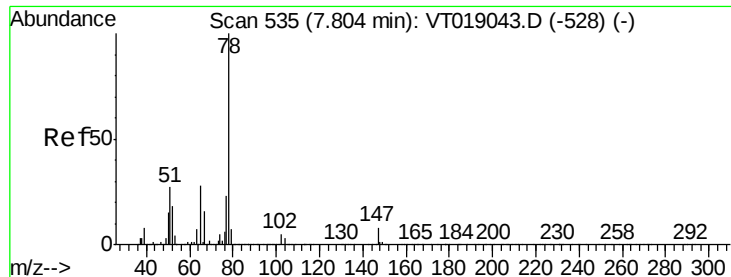
10000

5000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019063.D

Acq: 9 May 2018 17:59

Instrument :

MSVOA_T

ClientSampleId :

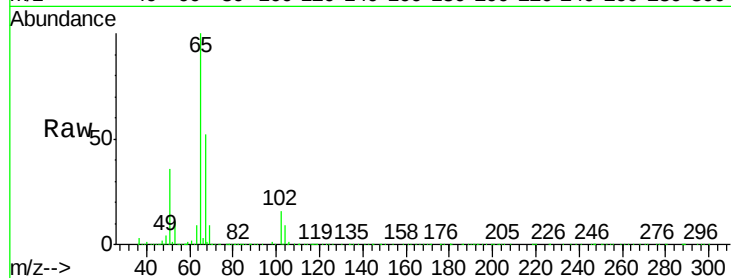
EPE-F-GA(35-37)

Tot Ion: 65 Resp: 324807

Ion Ratio Lower Upper

65 100

67 51.8 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

7.80

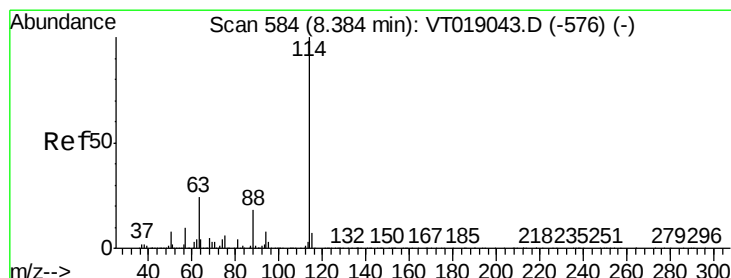
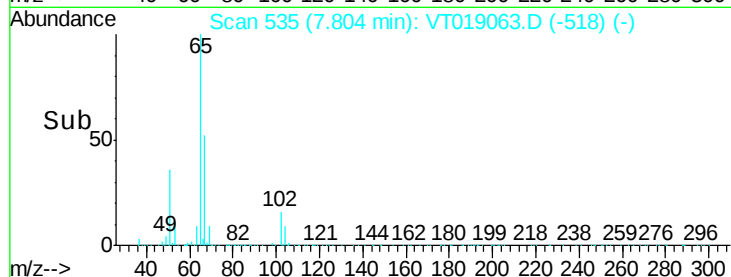
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90 8.00



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019063.D

Acq: 9 May 2018 17:59

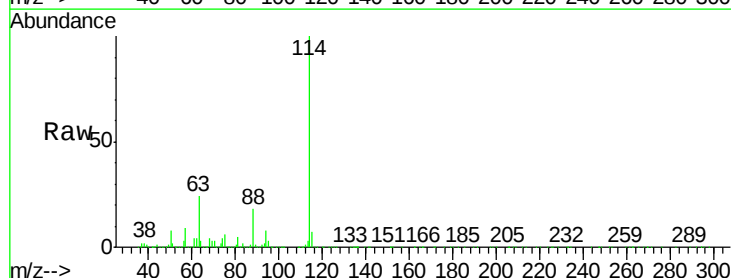
Tgt Ion:114 Resp: 1271530

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.8

88 17.8 0.0 37.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

8.38

800000

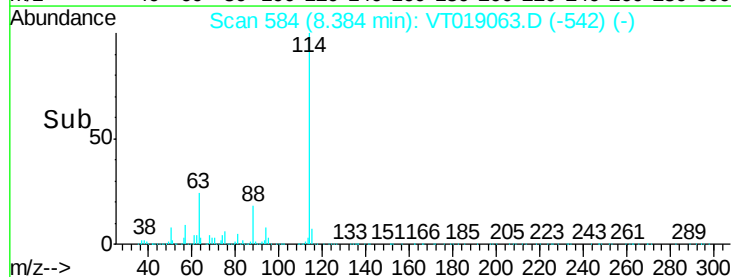
600000

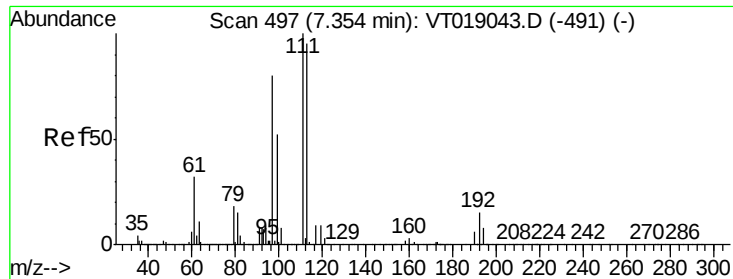
400000

200000

0

Time--> 8.20 8.30 8.40 8.50 8.60

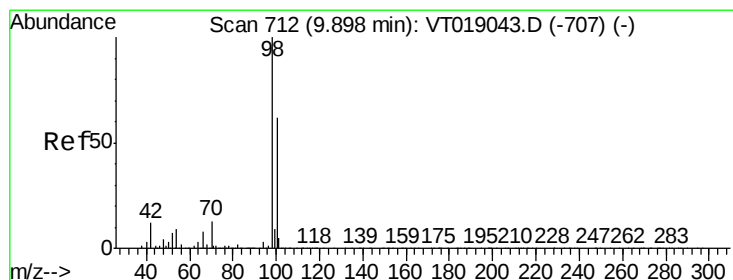
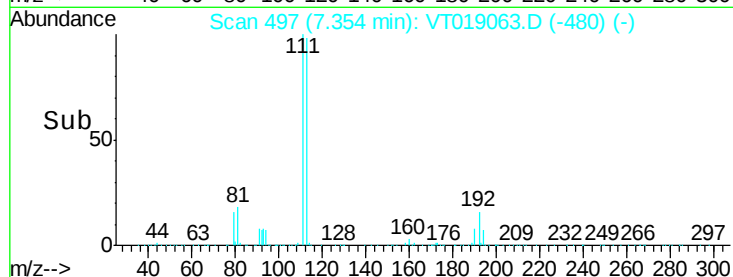
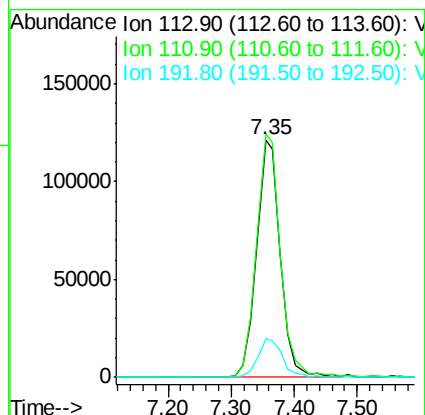
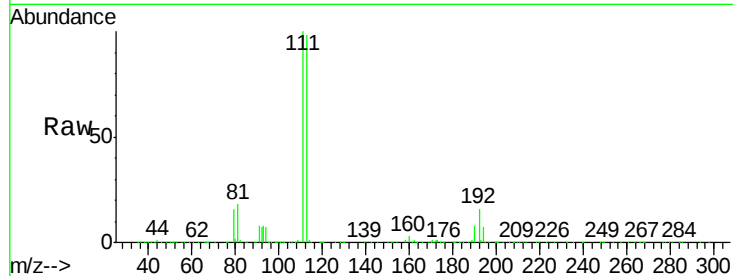




#34
 Dibromofluoromethane
 Concen: 45.01 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019063.D
 Acq: 9 May 2018 17:59

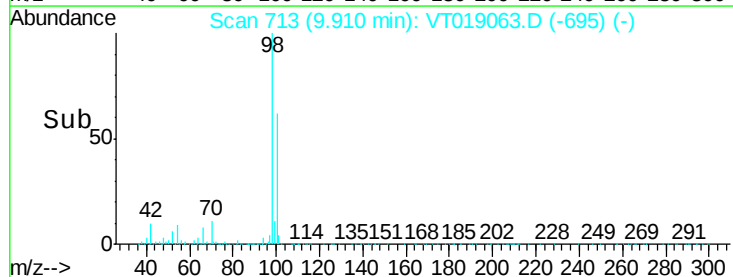
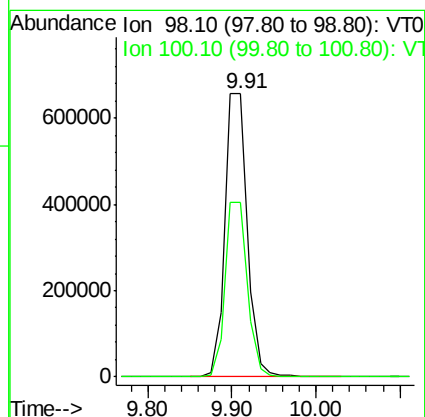
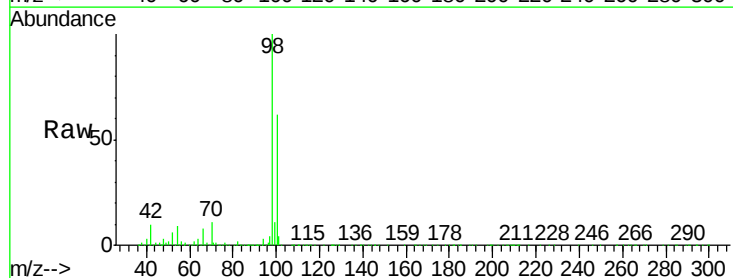
Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(35-37)

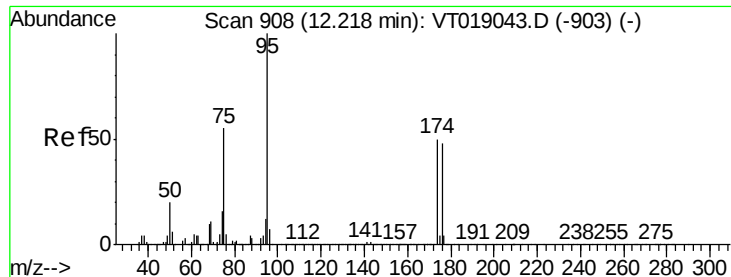
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.0	126.0
192	16.2	12.9	19.3



#49
 Toluene-d8
 Concen: 40.07 ug/l
 RT: 9.91 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VT019063.D
 Acq: 9 May 2018 17:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.7	50.0	75.0

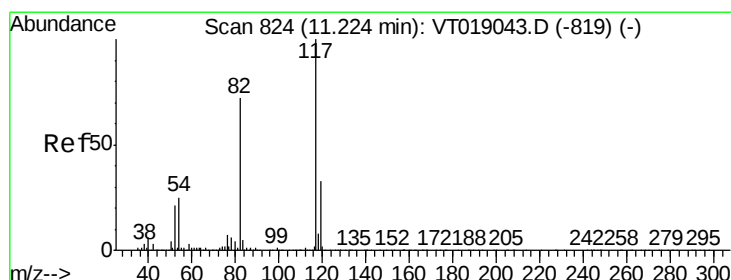
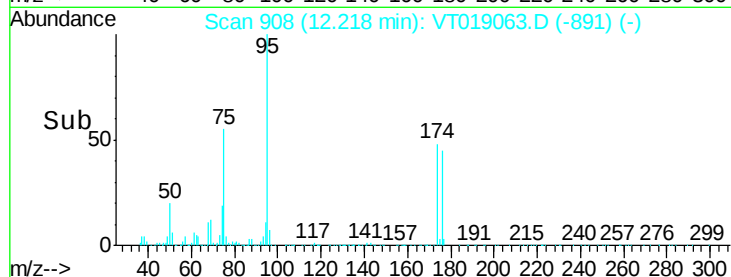
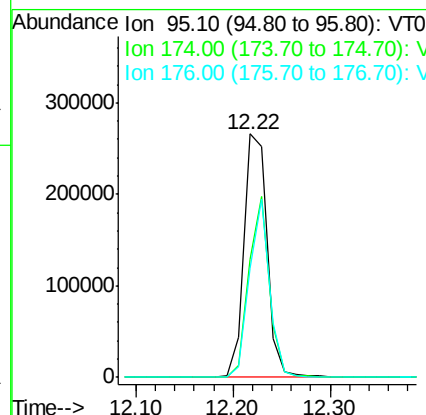
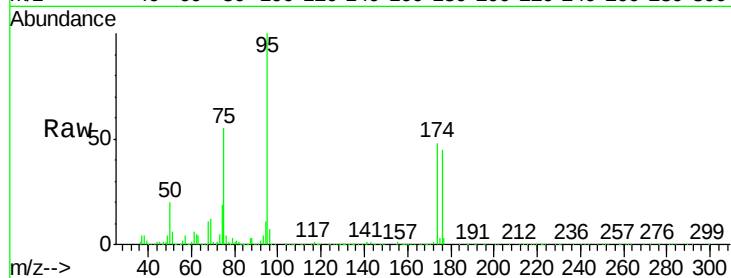




#61
4-Bromofluorobenzene
Concen: 38.04 ug/l
RT: 12.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: VT019063.D
Acq: 9 May 2018 17:59

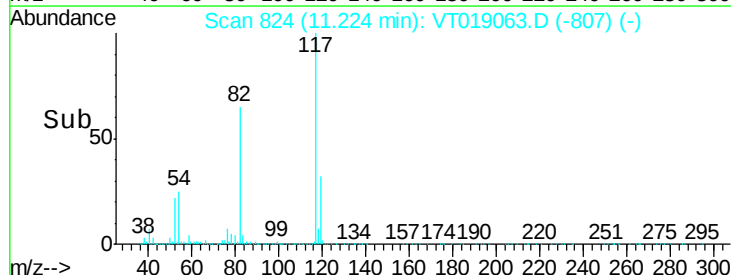
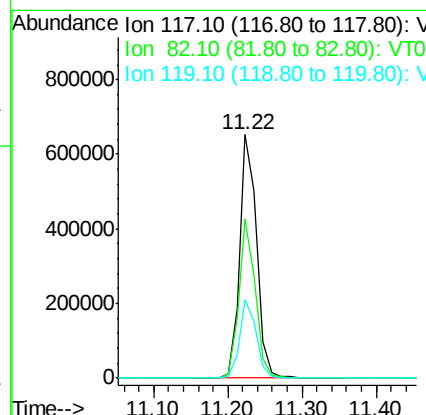
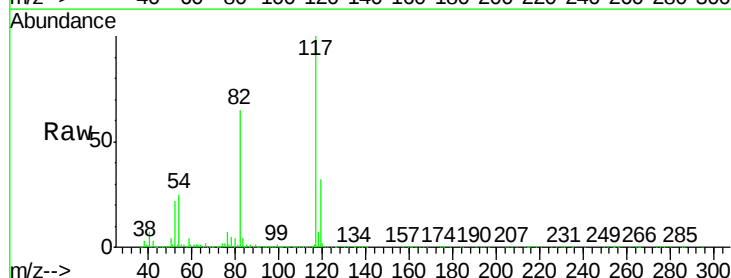
Instrument :
MSVOA_T
ClientSampleId :
EPE-F-GA(35-37)

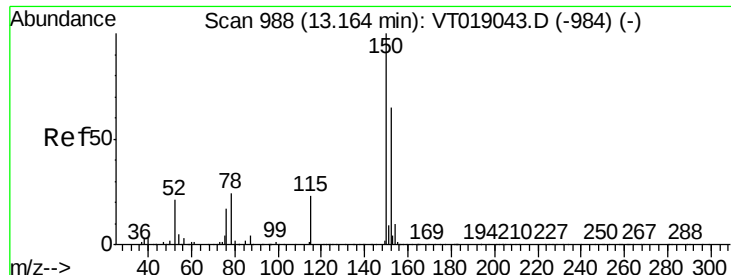
Tot Ion: 95 Resp: 437455
Ion Ratio Lower Upper
95 100
174 48.4 0.0 100.0
176 44.7 0.0 96.6



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.00 min
Lab File: VT019063.D
Acq: 9 May 2018 17:59

Tgt Ion: 117 Resp: 1052269
Ion Ratio Lower Upper
117 100
82 65.4 57.6 86.4
119 32.3 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: VT019063.D
 Acq: 9 May 2018 17:59

Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(35-37)

Tot Ion	Ratio	Lower	Upper
152	100		
115	67.7	34.2	102.6
150	161.9	0.0	321.2

