

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019059.D
 Acq On : 9 May 2018 15:55
 Operator : SY/MD
 Sample : J2705-01
 Misc : 5.59g/5mL/MSVOA T/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(0-5)

Quant Time: May 09 16:57:12 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	710822	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1398050	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1123136	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	450183	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	354002	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
34) Dibromofluoromethane	7.35	113	343273	43.85	ug/l	0.00
Spiked Amount			Recovery	=	87.70%	
49) Toluene-d8	9.91	98	1285105	38.26	ug/l	0.01
Spiked Amount			Recovery	=	76.52%	
61) 4-Bromofluorobenzene	12.22	95	463965	36.69	ug/l	0.00
Spiked Amount			Recovery	=	73.38%	

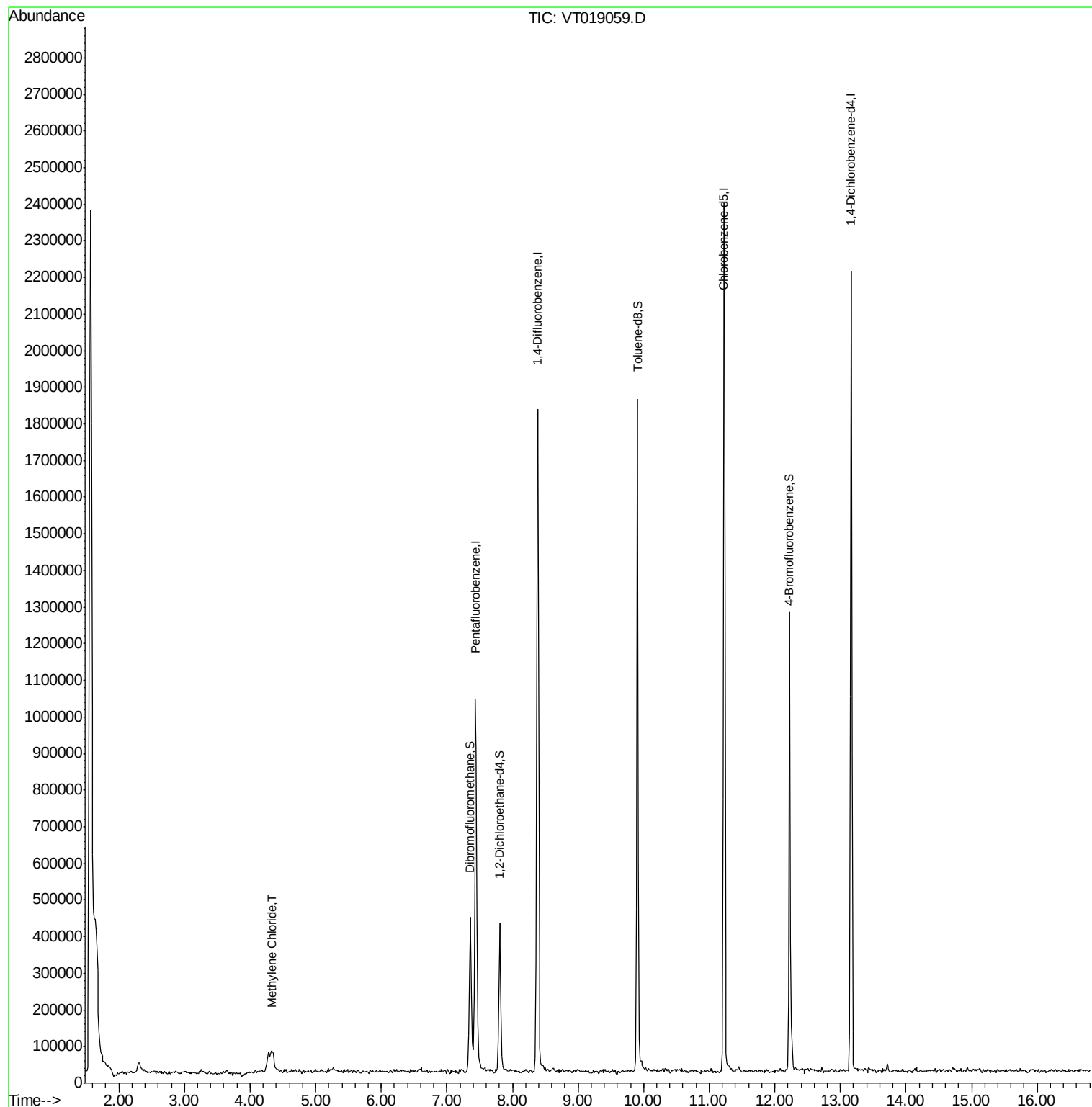
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	84305m	10.93	ug/l	

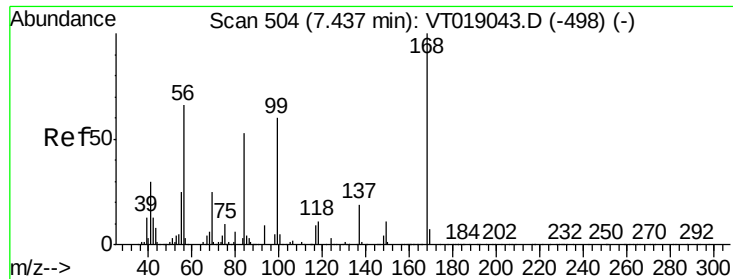
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VT019059.D

Acq: 9 May 2018 15:55

Instrument :

MSVOA_T

ClientSampleId :

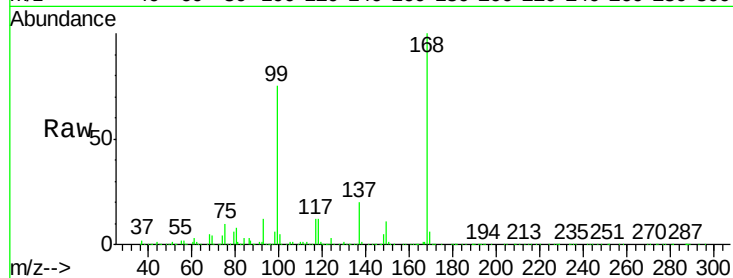
EPE-F-GA(0-5)

Tot Ion:168 Resp: 710822

Ion Ratio Lower Upper

168 100

99 75.0 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

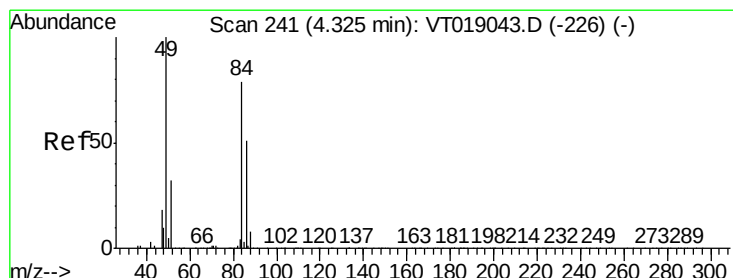
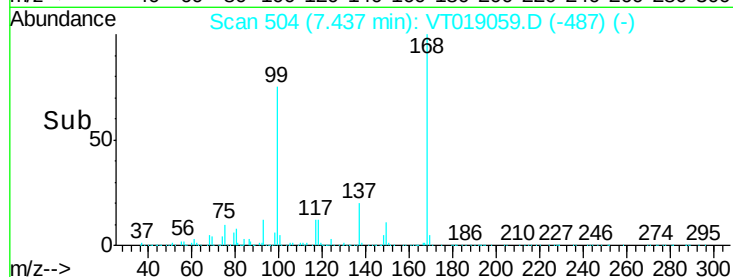
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 10.93 ug/l m

RT: 4.34 min Scan# 242

Delta R.T. 0.01 min

Lab File: VT019059.D

Acq: 9 May 2018 15:55

Tgt Ion: 84 Resp: 84305

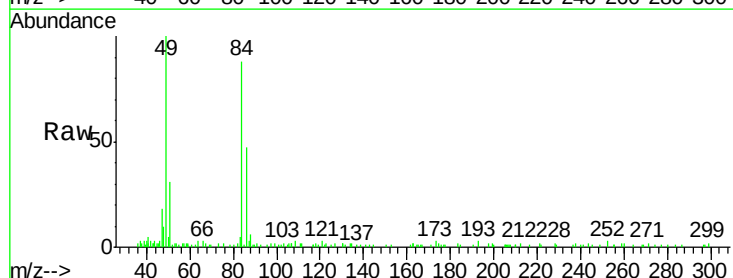
Ion Ratio Lower Upper

84 100

49 113.0 103.0 154.4

51 35.1 33.3 49.9

86 53.1 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

25000

20000

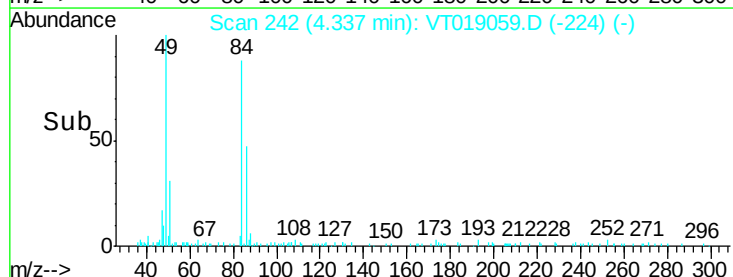
15000

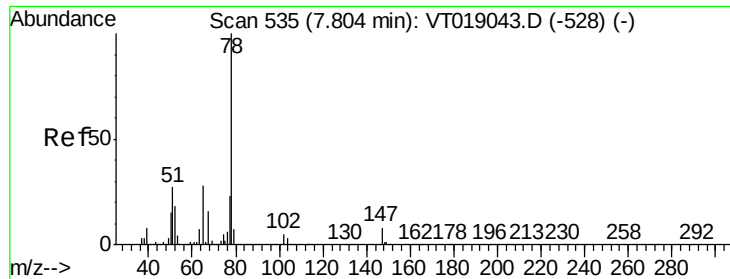
10000

5000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 52.46 ug/l

RT: 7.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VT019059.D

Acq: 9 May 2018 15:55

Instrument :

MSVOA_T

ClientSampleId :

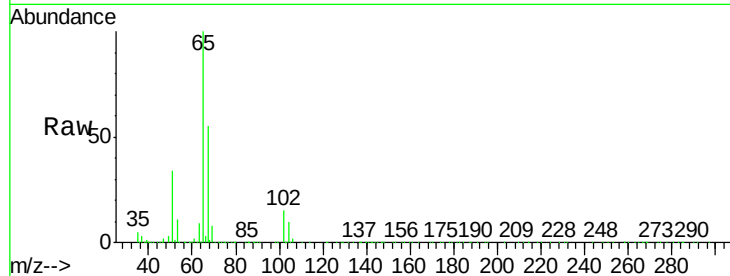
EPE-F-GA(0-5)

Tot Ion: 65 Resp: 354002

Ion Ratio Lower Upper

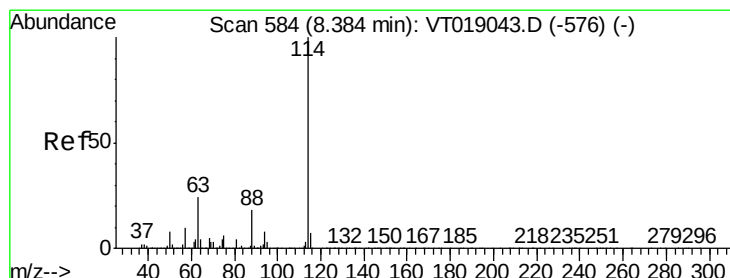
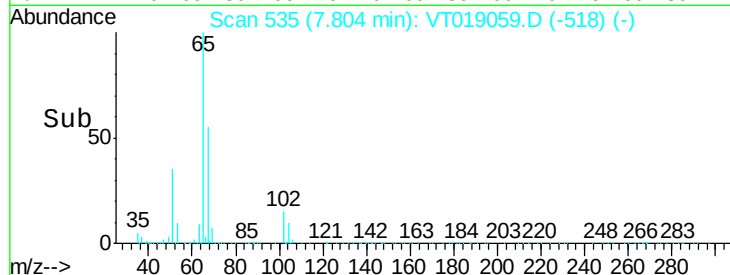
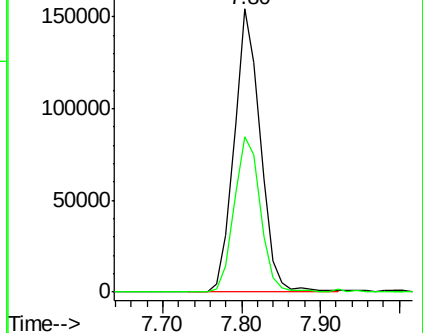
65 100

67 55.1 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. 0.00 min

Lab File: VT019059.D

Acq: 9 May 2018 15:55

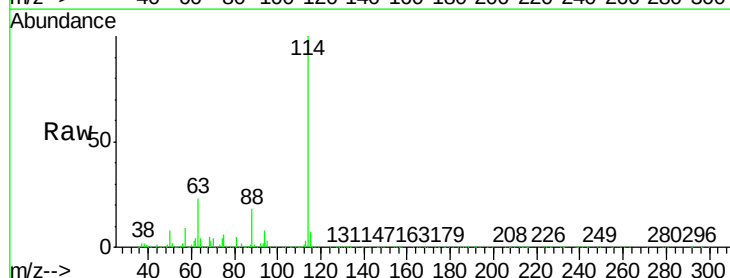
Tgt Ion: 114 Resp: 1398050

Ion Ratio Lower Upper

114 100

63 23.2 0.0 48.8

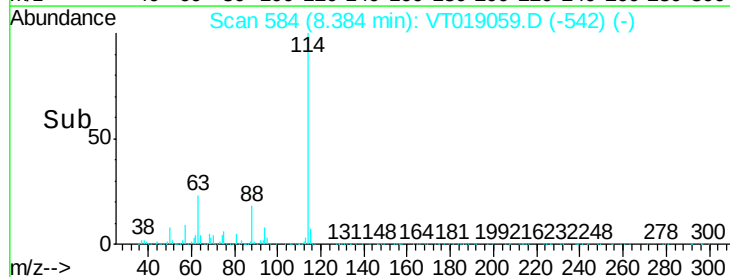
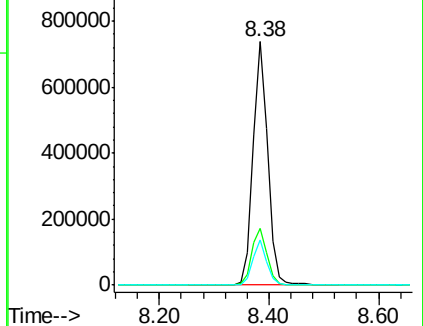
88 18.4 0.0 37.0

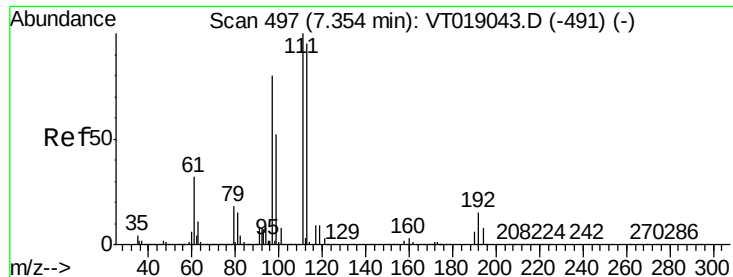


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

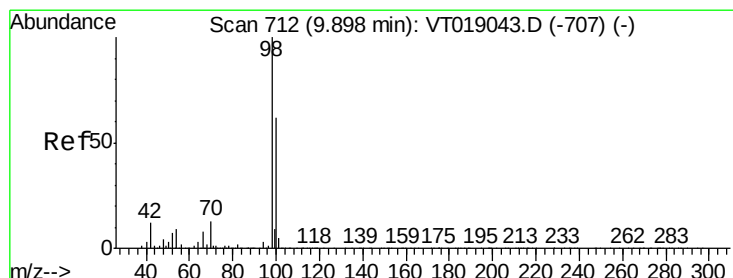
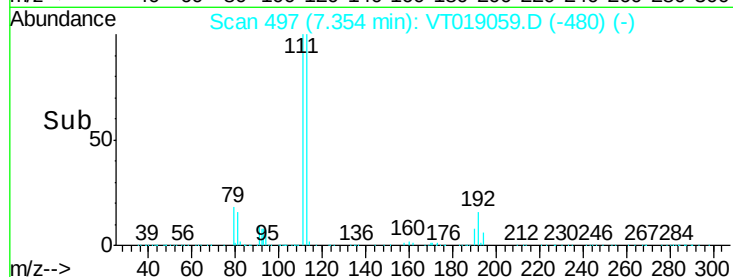
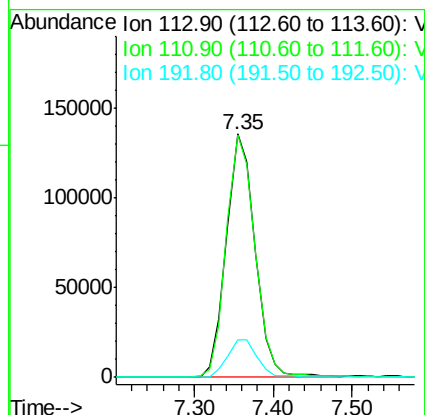
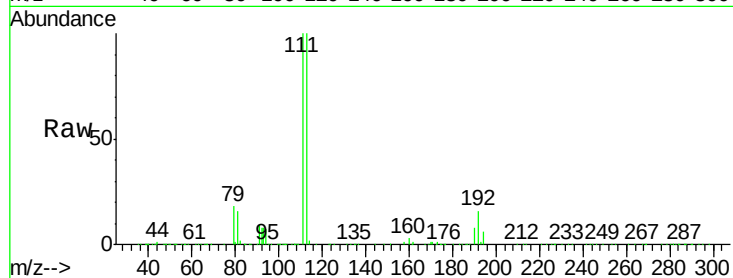




#34
Dibromofluoromethane
Concen: 43.85 ug/l
RT: 7.35 min Scan# 497
Delta R.T. 0.00 min
Lab File: VT019059.D
Acq: 9 May 2018 15:55

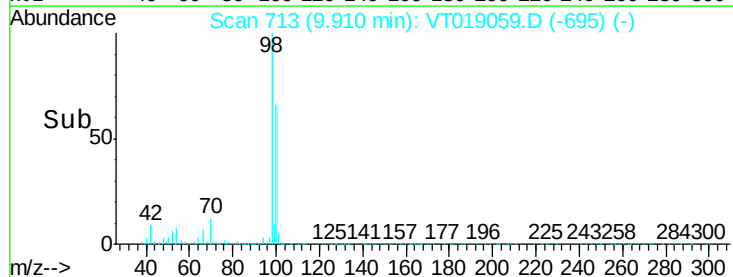
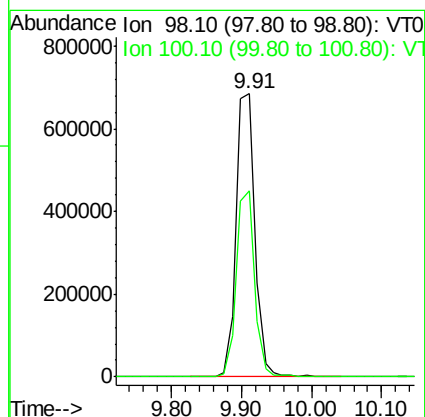
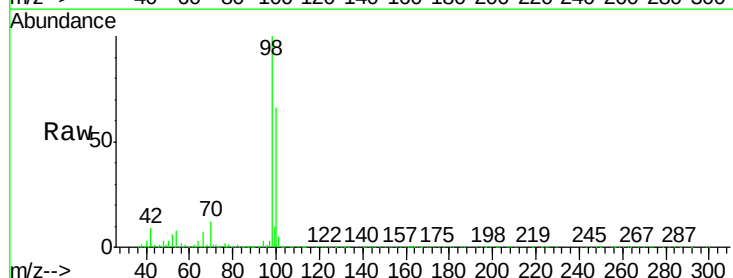
Instrument :
MSVOA_T
ClientSampleId :
EPE-F-GA(0-5)

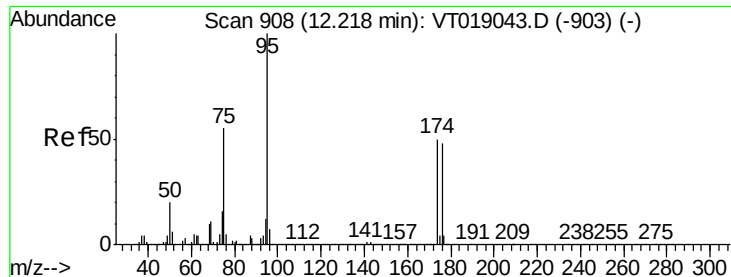
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	84.0	126.0
192	15.6	12.9	19.3



#49
Toluene-d8
Concen: 38.26 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019059.D
Acq: 9 May 2018 15:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.0	75.0

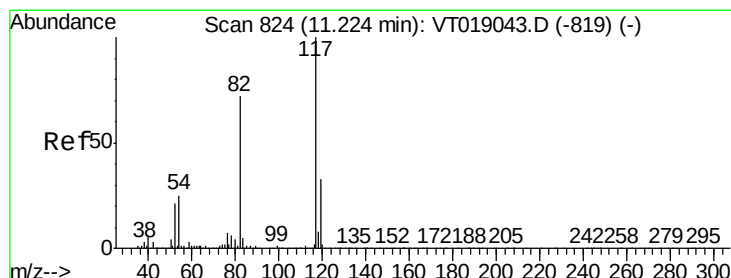
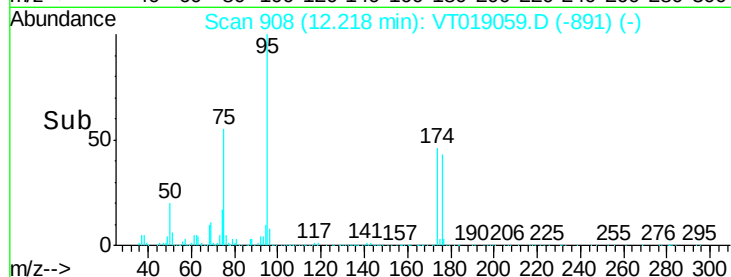
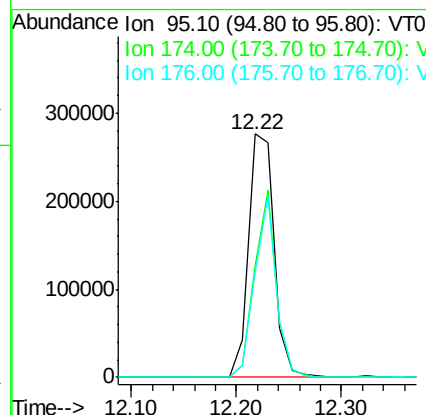
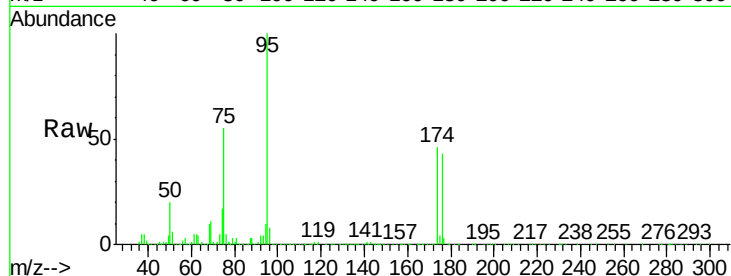




#61
4-Bromofluorobenzene
Concen: 36.69 ug/l
RT: 12.22 min Scan# 908
Delta R.T. 0.00 min
Lab File: VT019059.D
Acq: 9 May 2018 15:55

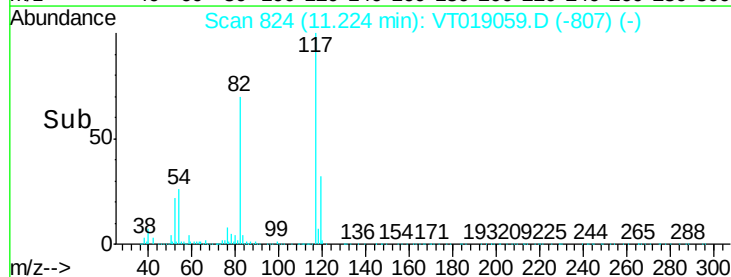
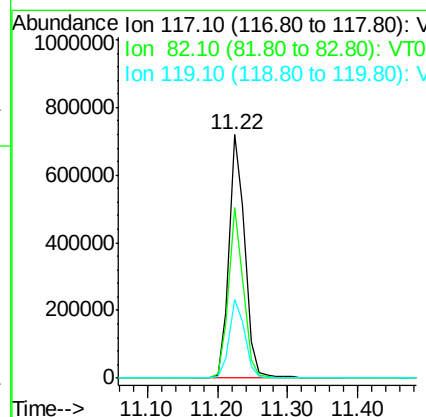
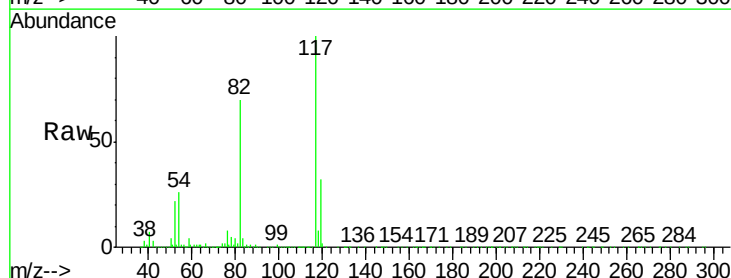
Instrument :
MSVOA_T
ClientSampleId :
EPE-F-GA(0-5)

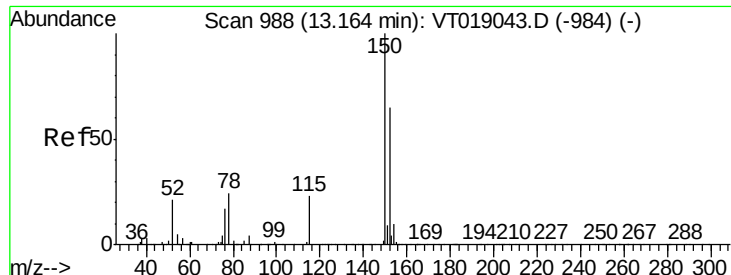
Tot Ion	95	Resp	463965
Ion	Ratio	Lower	Upper
95	100		
174	46.0	0.0	100.0
176	43.3	0.0	96.6



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. 0.00 min
Lab File: VT019059.D
Acq: 9 May 2018 15:55

Tgt Ion	117	Resp	1123136
Ion	Ratio	Lower	Upper
117	100		
82	70.1	57.6	86.4
119	32.2	26.6	40.0

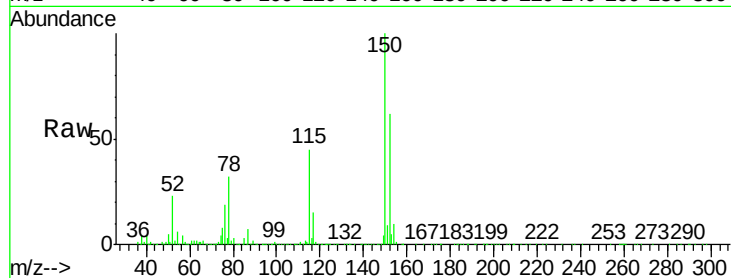




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: VT019059.D
 Acq: 9 May 2018 15:55

Instrument :
 MSVOA_T
 ClientSampleId :
 EPE-F-GA(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	72.9	34.2	102.6
150	160.3	0.0	321.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

