

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025746.D
 Acq On : 31 Jul 2018 18:08
 Operator : MD/SY
 Sample : J4140-02
 Misc : 12.89g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EPE-F-8(85-87)

Quant Time: Jul 31 19:58:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	188723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	207833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	144420	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
35) Dibromofluoromethane	4.88	113	121656	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
50) Toluene-d8	7.57	98	440276	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	10.31	95	193587	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	

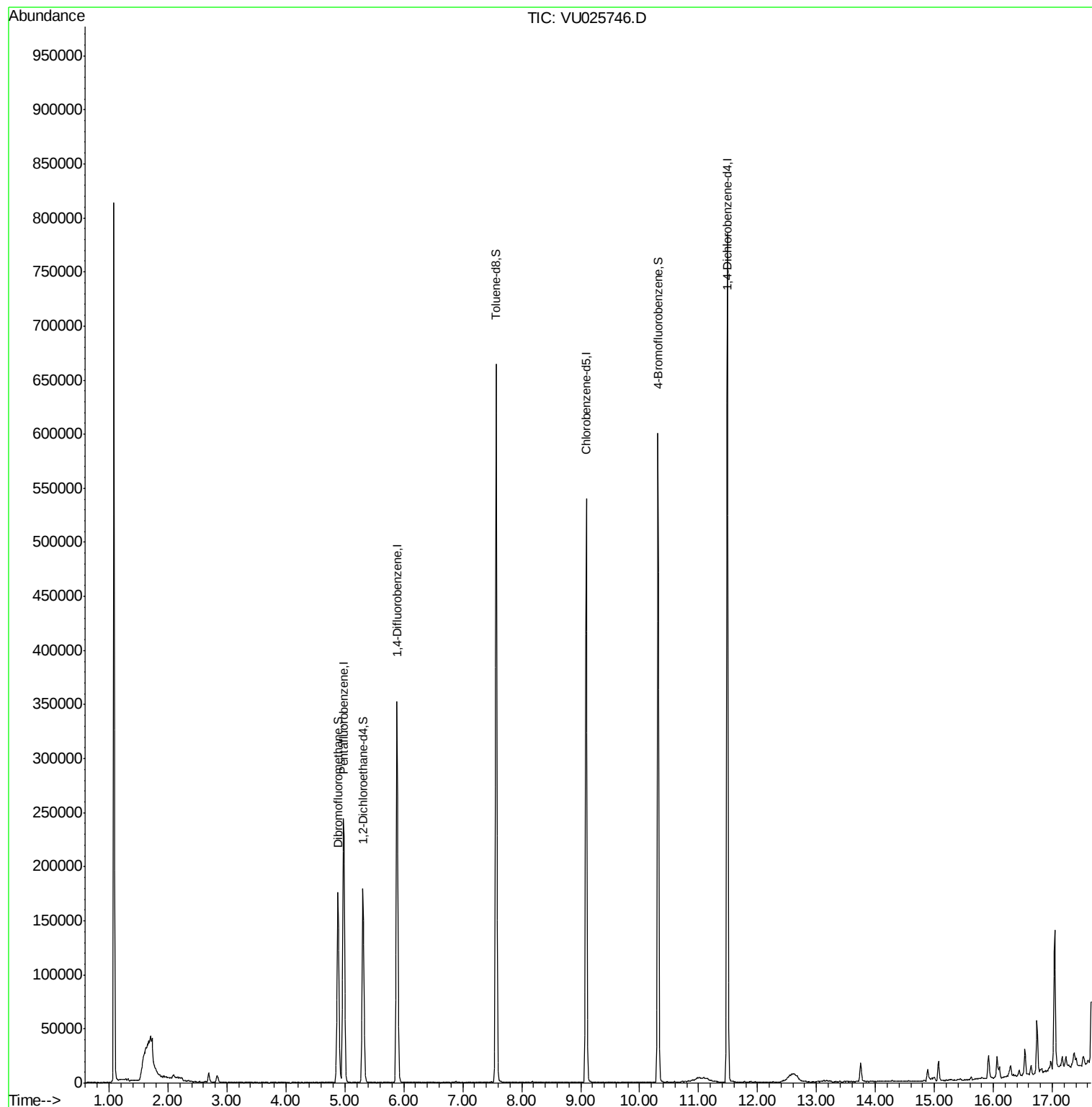
Target Compounds	Qvalue

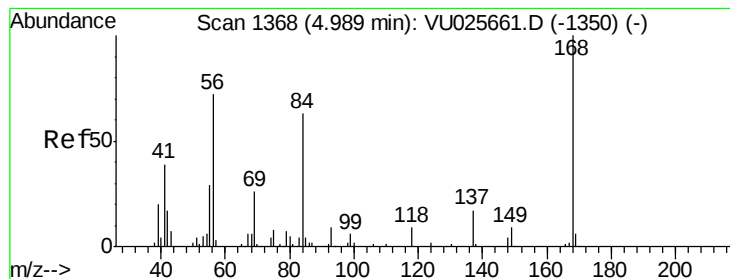
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025746.D

Acq: 31 Jul 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

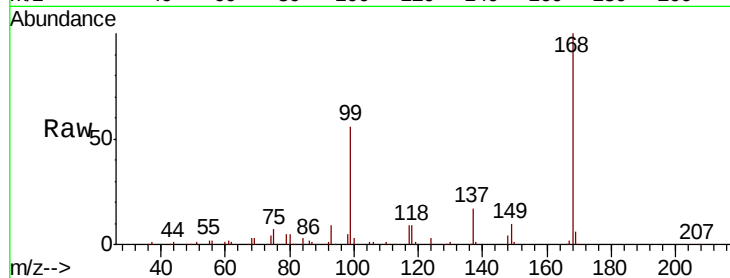
EPE-F-8(85-87)

Tot Ion:168 Resp: 188723

Ion Ratio Lower Upper

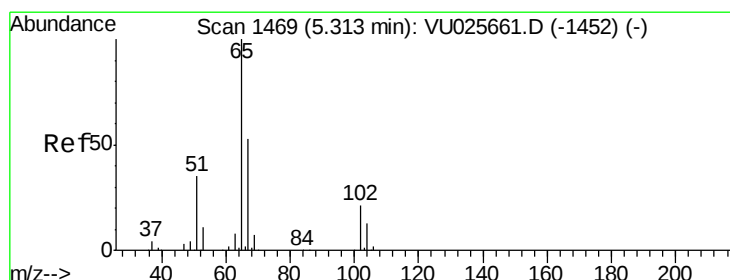
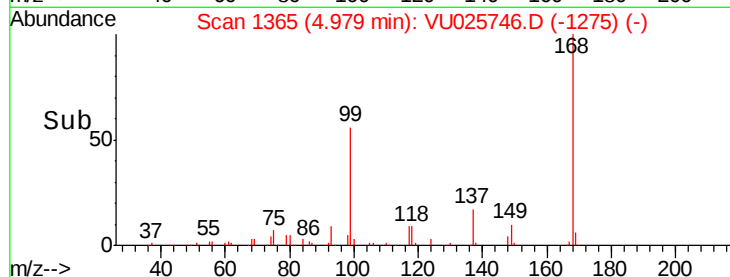
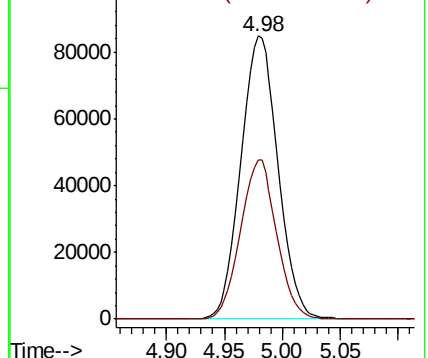
168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.114 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025746.D

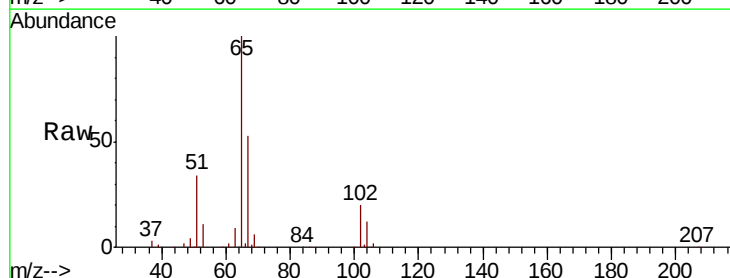
Acq: 31 Jul 2018 18:08

Tgt Ion: 65 Resp: 144420

Ion Ratio Lower Upper

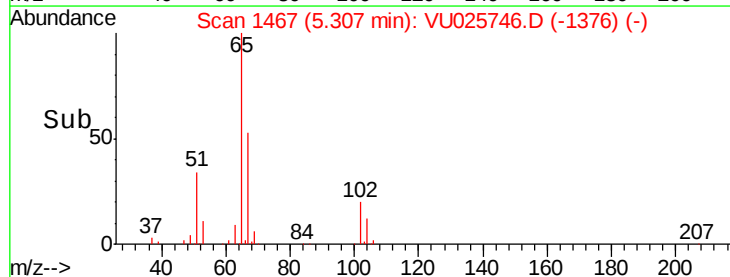
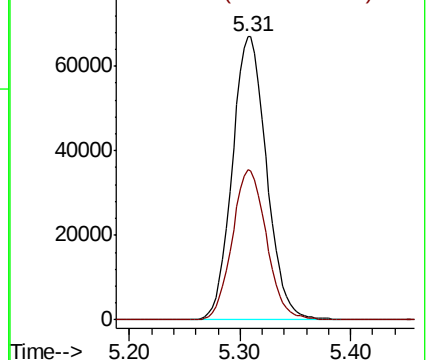
65 100

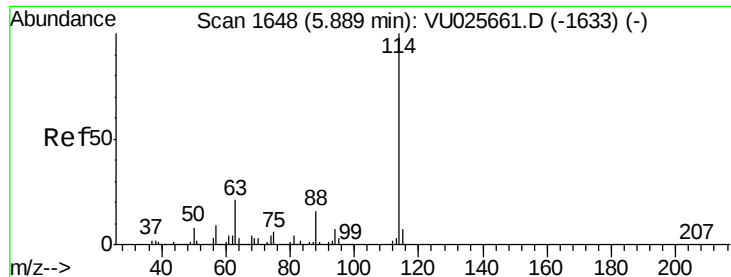
67 53.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)

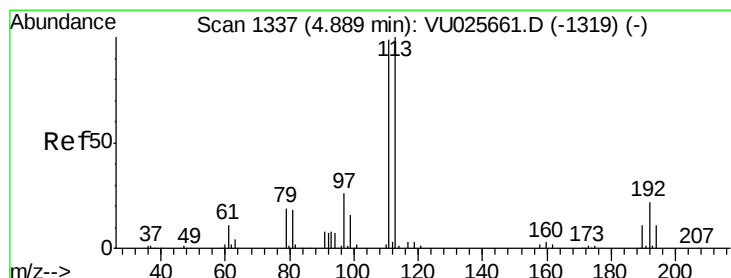
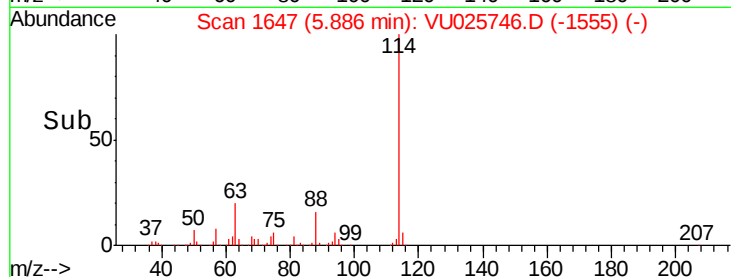
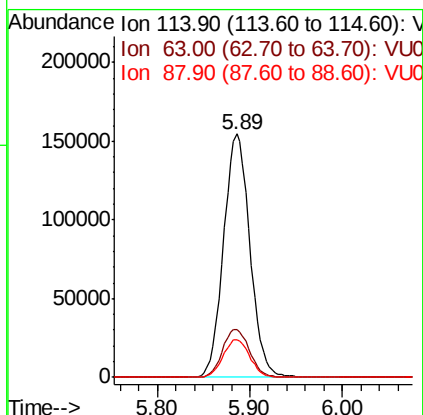
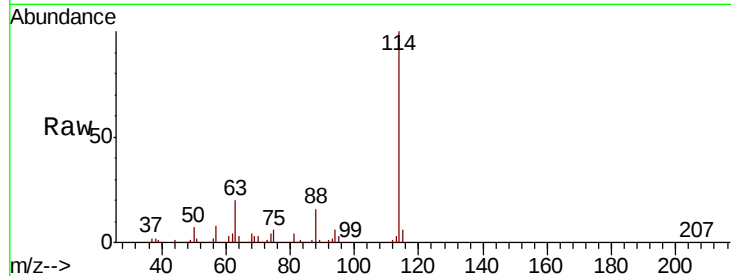




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: VU025746.D
 Acq: 31 Jul 2018 18:08

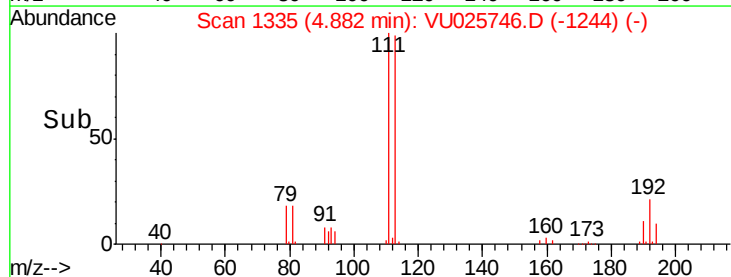
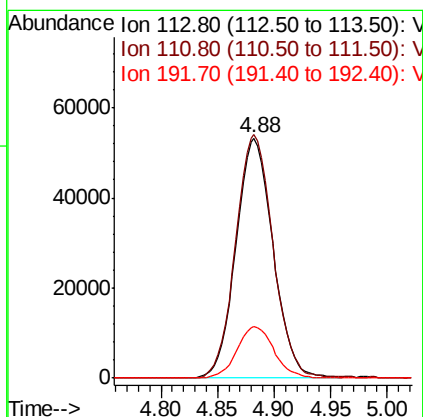
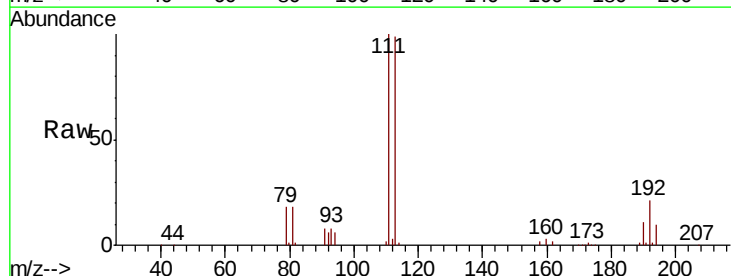
Instrument :
 MSVOA_U
 ClientSampleId :
 EPE-F-8(85-87)

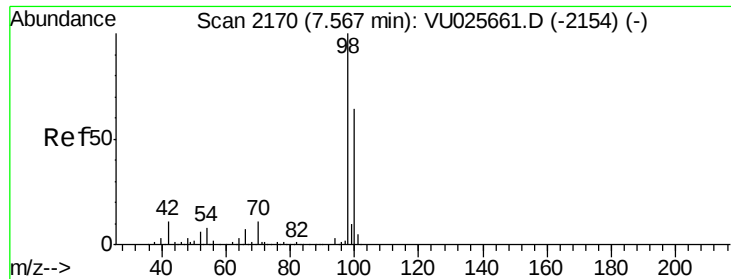
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.6
88	15.7	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 45.863 ug/l
 RT: 4.88 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: VU025746.D
 Acq: 31 Jul 2018 18:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.3	17.1	25.7

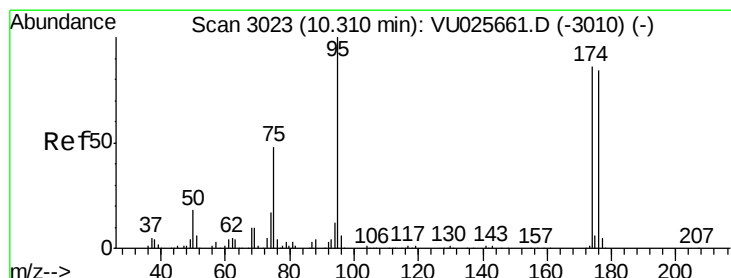
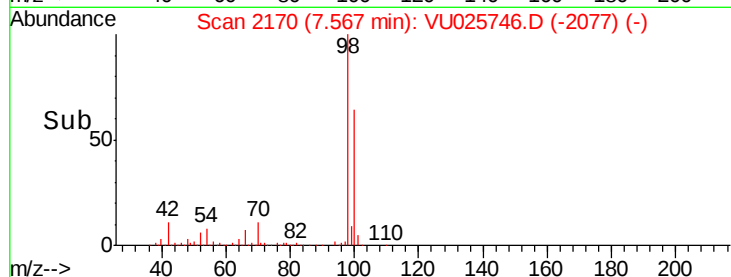
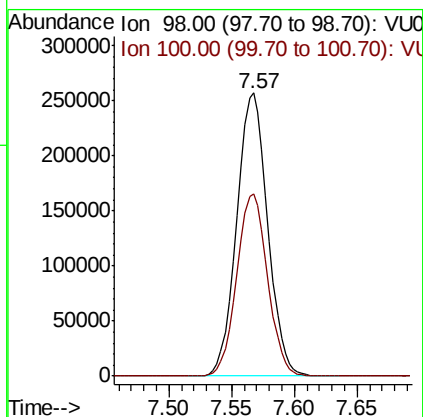
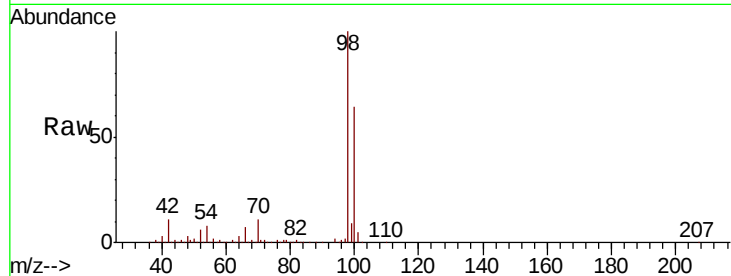




#50
Toluene-d8
Concen: 47.432 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025746.D
Acq: 31 Jul 2018 18:08

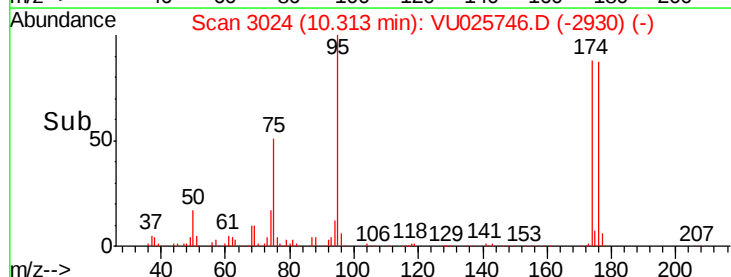
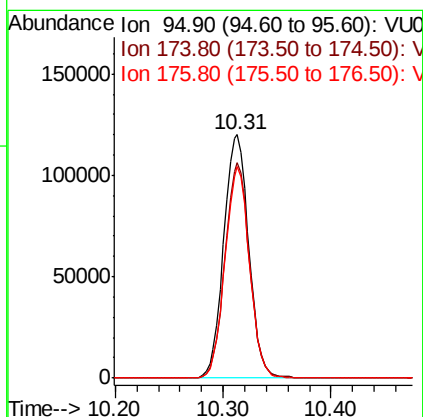
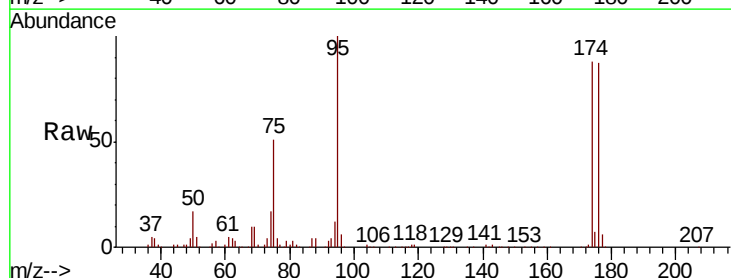
Instrument :
MSVOA_U
ClientSampleId :
EPE-F-8(85-87)

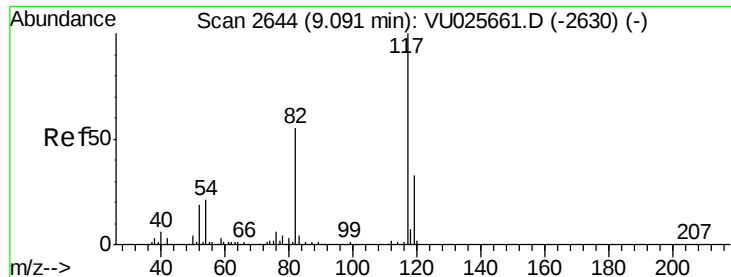
Tot Ion: 98 Resp: 440276
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 53.732 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025746.D
Acq: 31 Jul 2018 18:08

Tgt Ion: 95 Resp: 193587
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 85.5 0.0 162.6

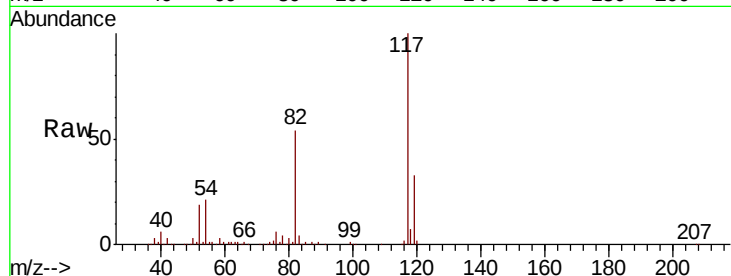




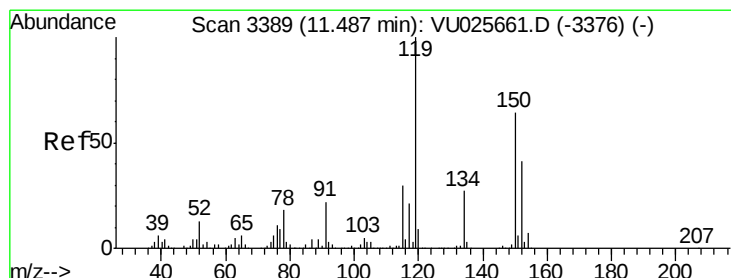
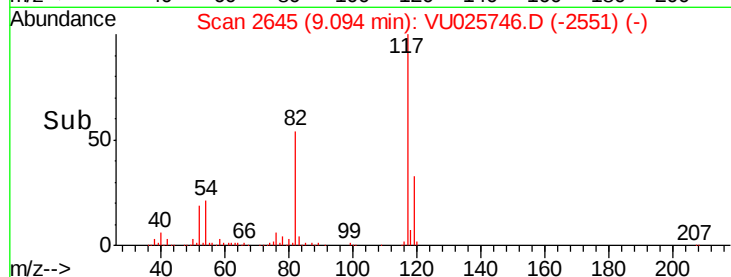
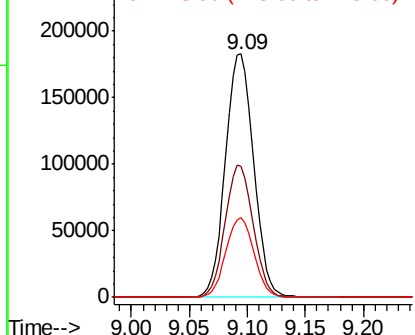
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025746.D
Acq: 31 Jul 2018 18:08

Instrument :
MSVOA_U
ClientSampleId :
EPE-F-8(85-87)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.0	69.0
119	32.6	26.0	39.0

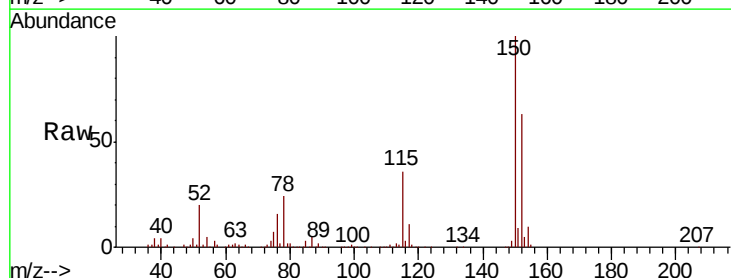


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025746.D
Acq: 31 Jul 2018 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.1	120.3
150	156.0	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

