

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024929.D
 Acq On : 26 Jun 2018 19:07
 Operator : MD/SY
 Sample : VU0627MBL01
 Misc : 5.00g/10ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBL01

Quant Time: Jun 27 04:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	220749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	331879	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163032	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	164120	45.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.08%	
35) Dibromofluoromethane	4.89	113	132695	48.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.36%	
50) Toluene-d8	7.57	98	479892	47.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	10.31	95	177398	44.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.94%	

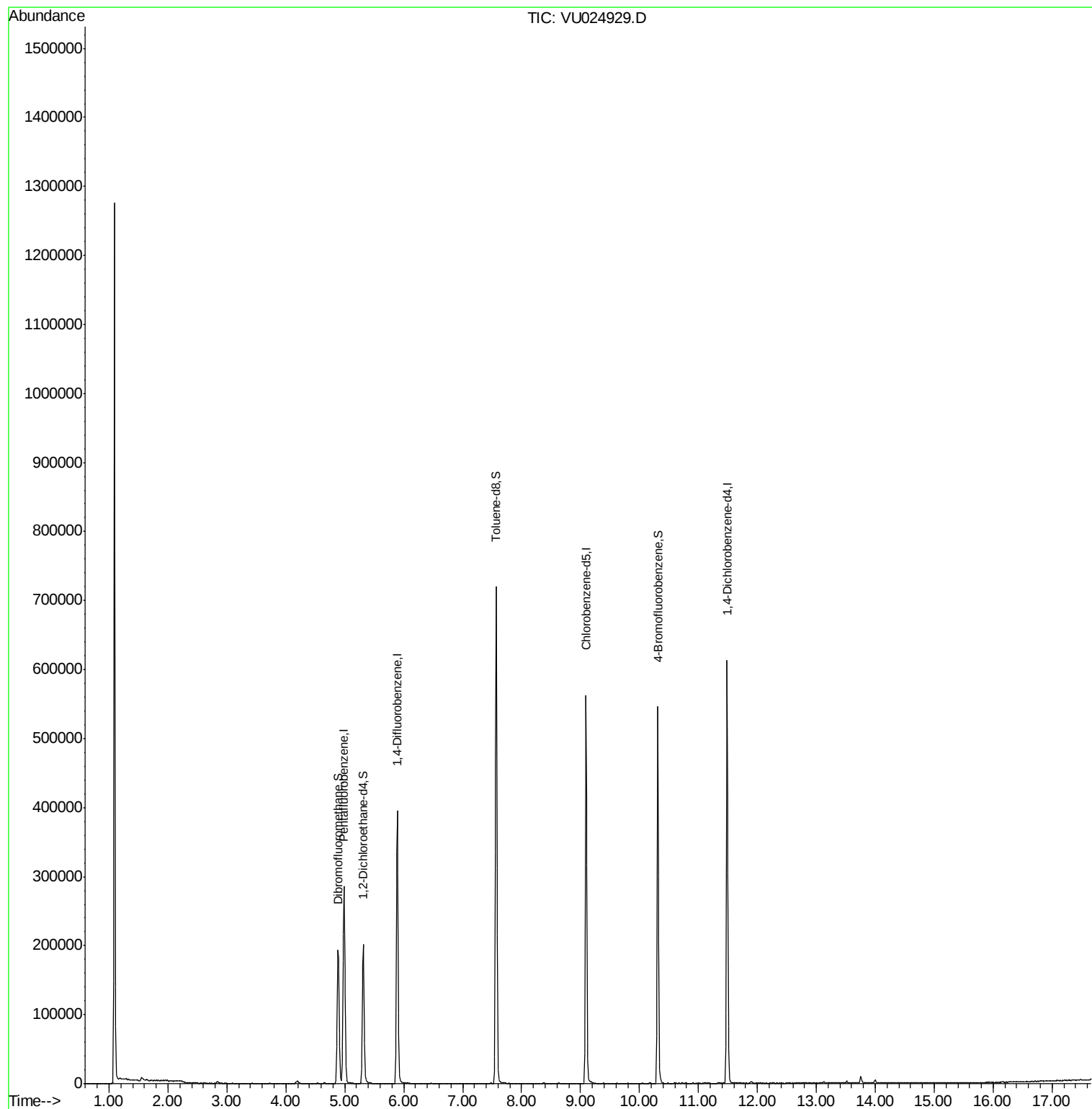
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024929.D

Acq: 26 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

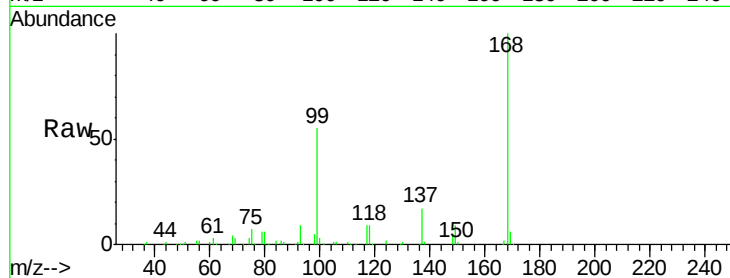
VU0627MBL01

Tot Ion:168 Resp: 220749

Ion Ratio Lower Upper

168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

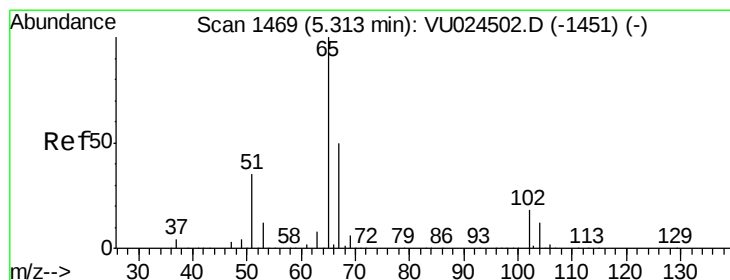
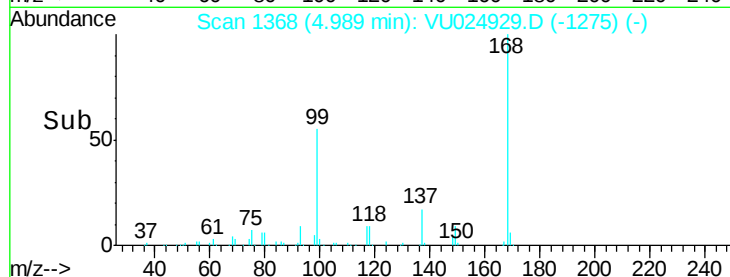
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.54 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024929.D

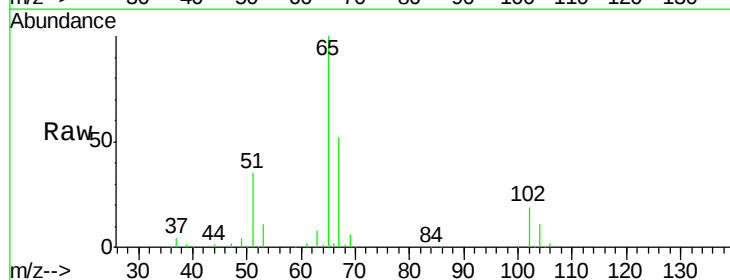
Acq: 26 Jun 2018 19:07

Tgt Ion: 65 Resp: 164120

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

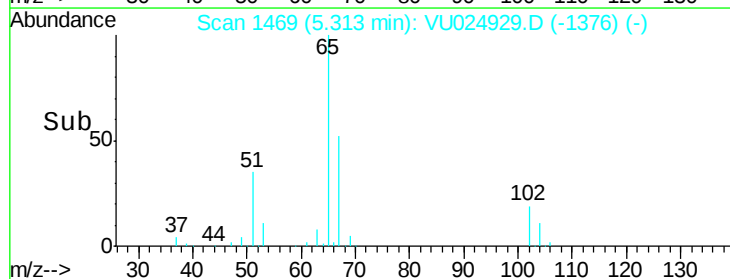
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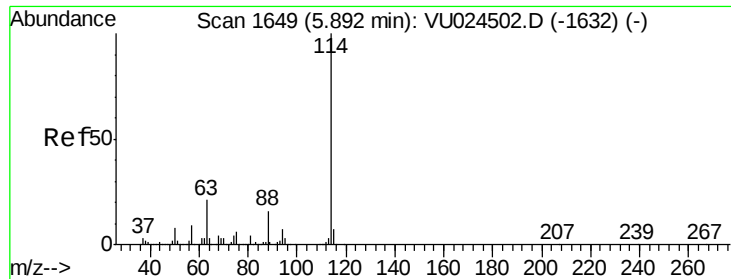
40000

20000

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Time-->

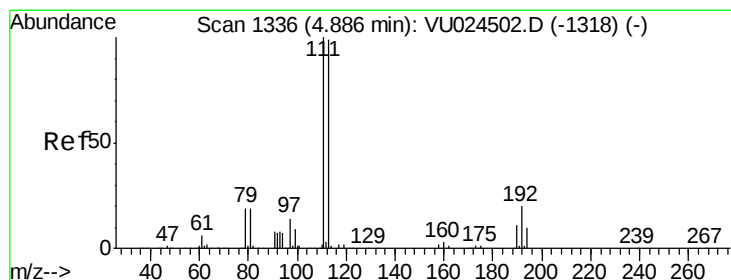
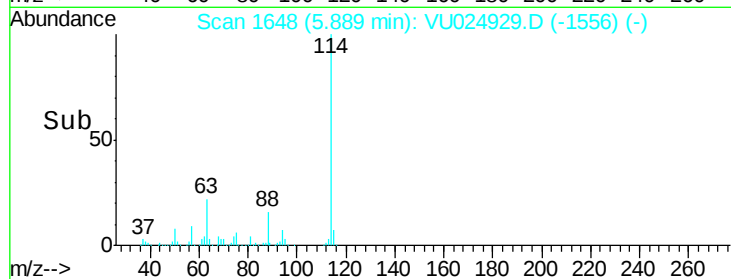
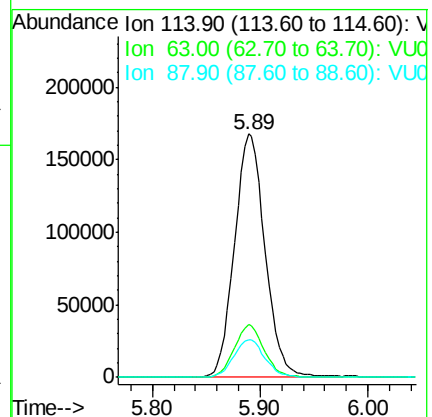
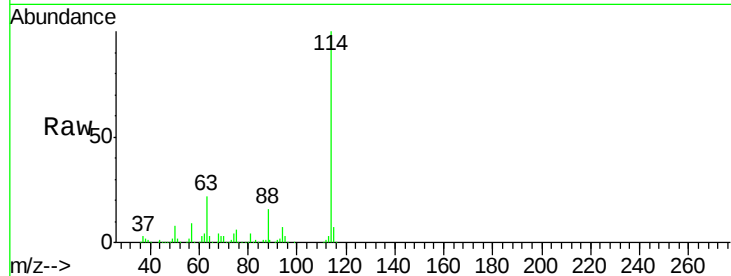




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024929.D
 Acq: 26 Jun 2018 19:07

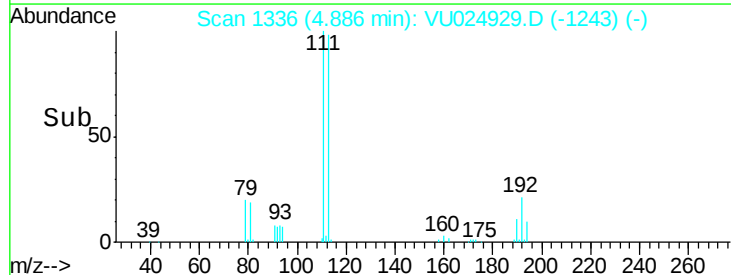
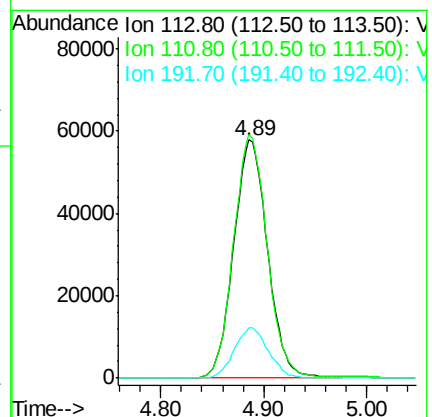
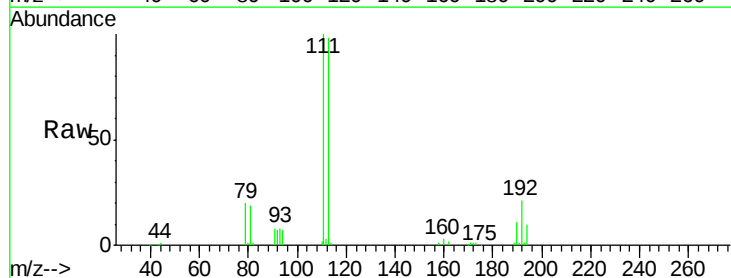
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.4
88	15.6	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 48.18 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024929.D
 Acq: 26 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	21.2	16.2	24.4





#50

Toluene-d8

Concen: 47.77 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024929.D

Acq: 26 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

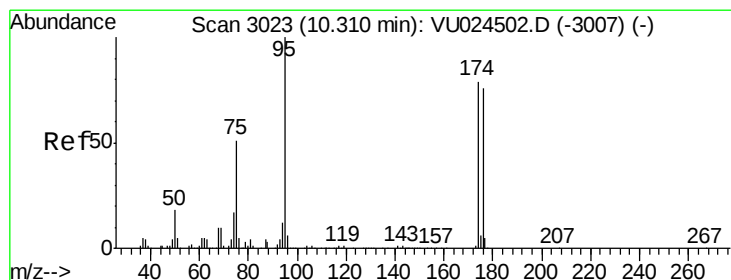
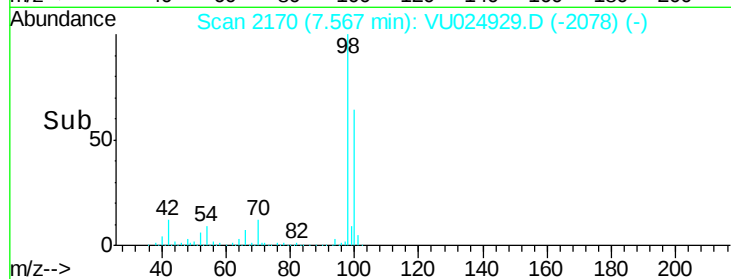
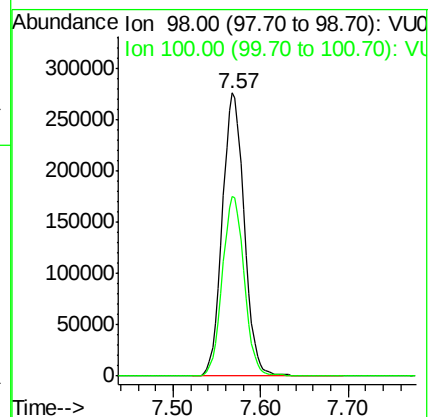
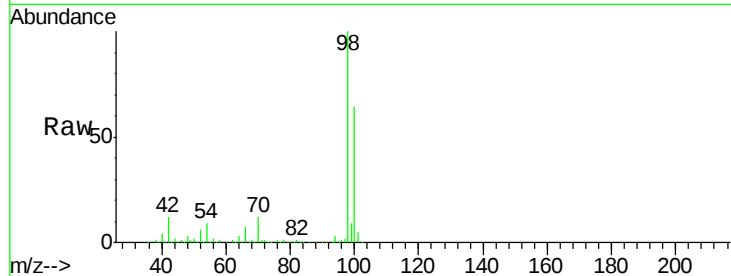
VU0627MBL01

Tot Ion: 98 Resp: 479892

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.47 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024929.D

Acq: 26 Jun 2018 19:07

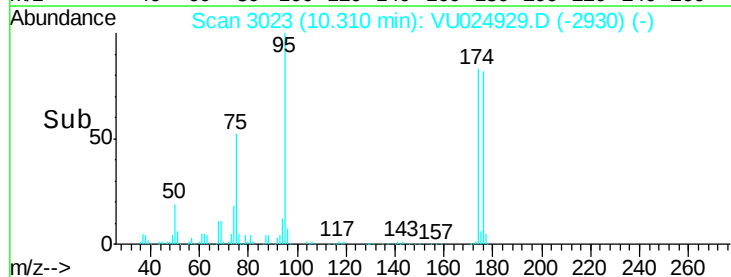
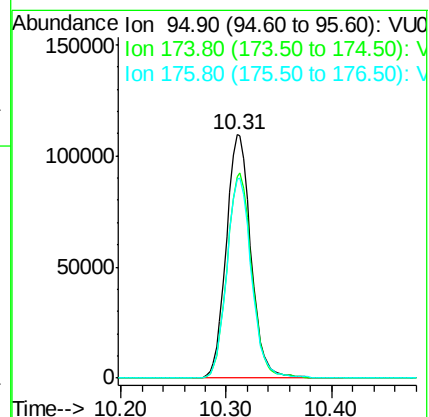
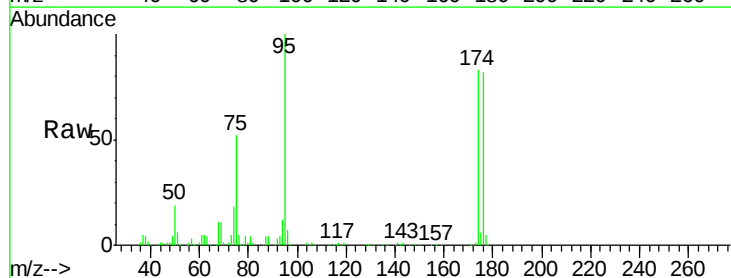
Tgt Ion: 95 Resp: 177398

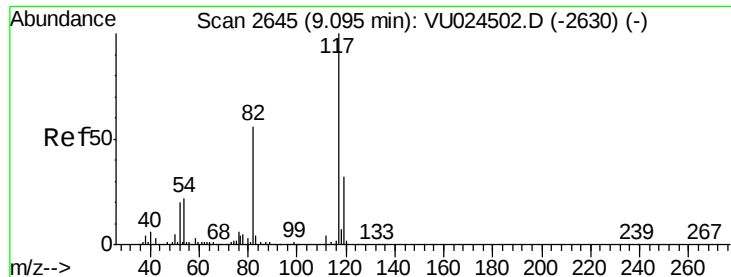
Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 82.6 0.0 159.4

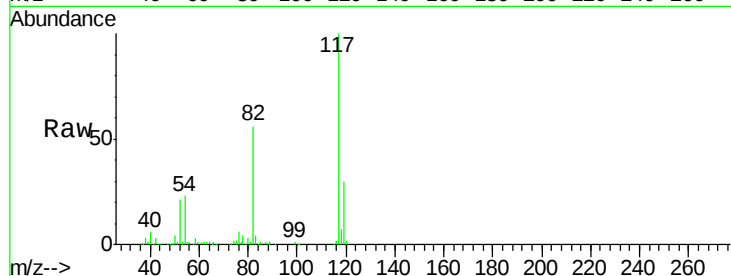




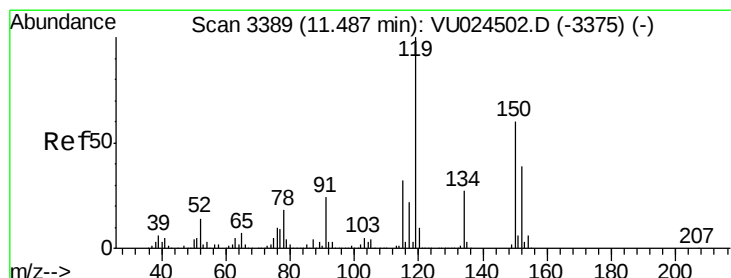
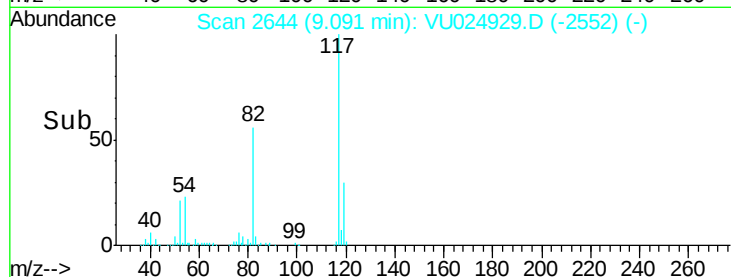
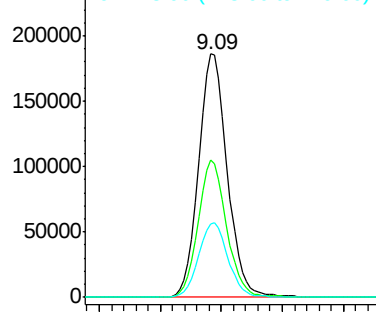
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024929.D
Acq: 26 Jun 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.3	66.5
119	30.2	25.4	38.2

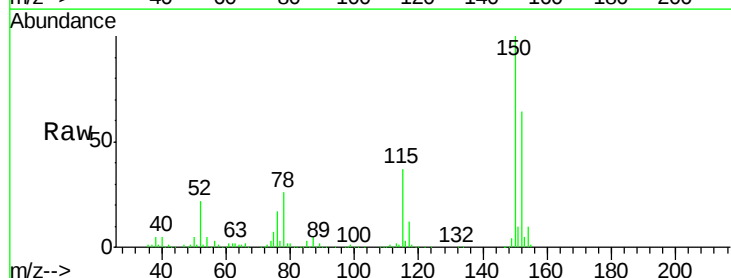


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024929.D
Acq: 26 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	43.0	129.0
150	156.1	0.0	354.0



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

