

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025719.D
 Acq On : 30 Jul 2018 13:54
 Operator : MD/SY
 Sample : J4113-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LC-SD-EB04-180720

Quant Time: Jul 31 14:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

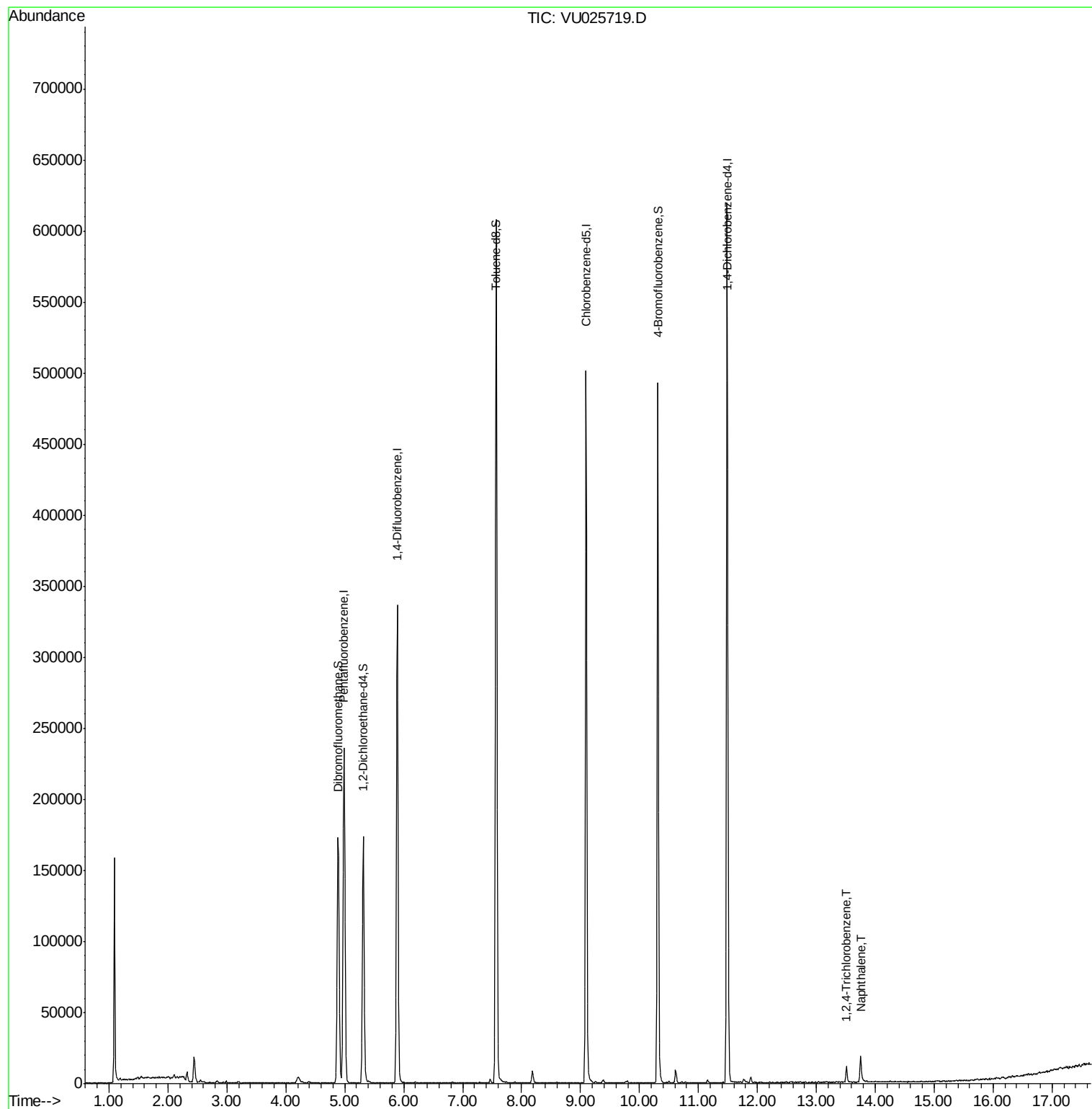
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	288075	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	138379	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	4.89	113	119226	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	7.57	98	414687	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	10.31	95	157423	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
93) 1,2,4-Trichlorobenzene	13.51	180	4003	1.03	ug/l	90
95) Naphthalene	13.75	128	20258	2.84	ug/l	96

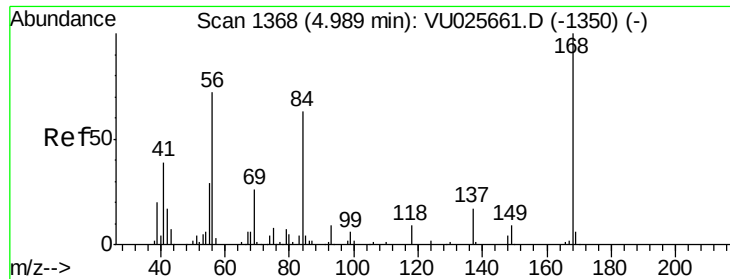
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025719.D

Acq: 30 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

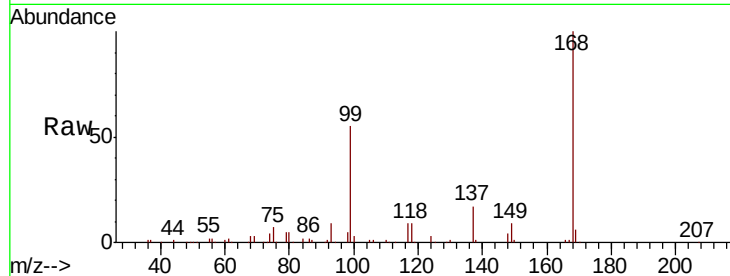
LC-SD-EB04-180720

Tot Ion:168 Resp: 185224

Ion Ratio Lower Upper

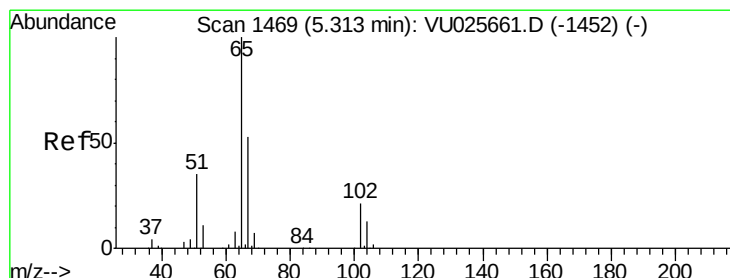
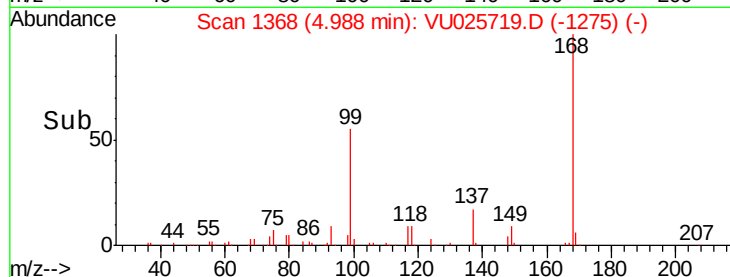
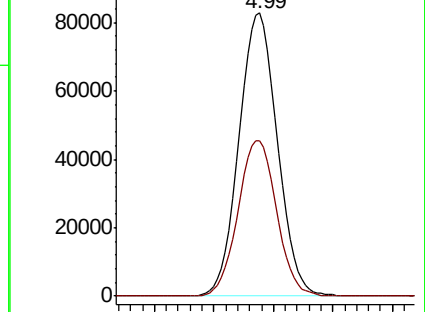
168 100

99 54.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025719.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025719.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.95 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025719.D

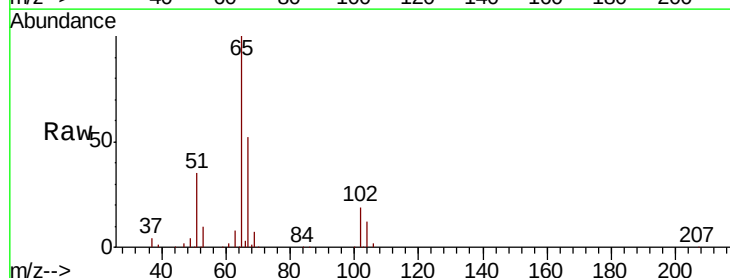
Acq: 30 Jul 2018 13:54

Tgt Ion: 65 Resp: 138379

Ion Ratio Lower Upper

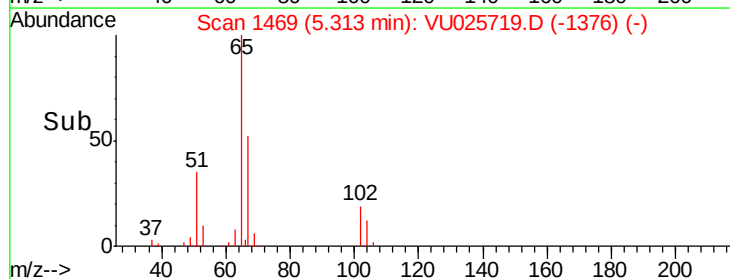
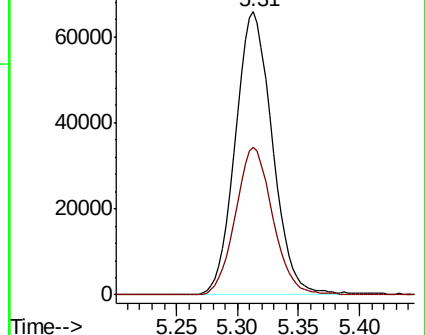
65 100

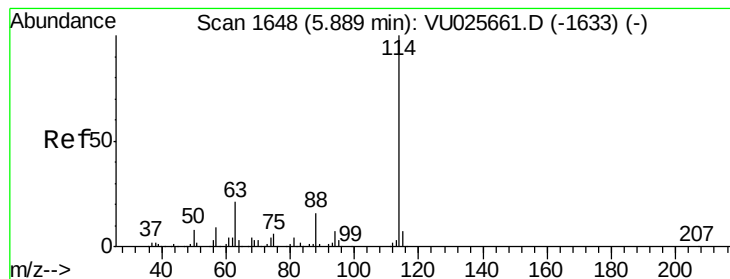
67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025719.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025719.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025719.D

Acq: 30 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

LC-SD-EB04-180720

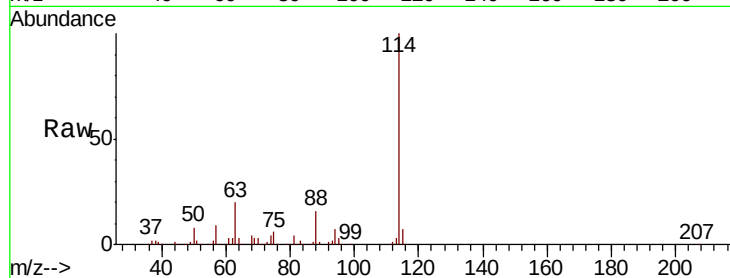
Tot Ion:114 Resp: 288075

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

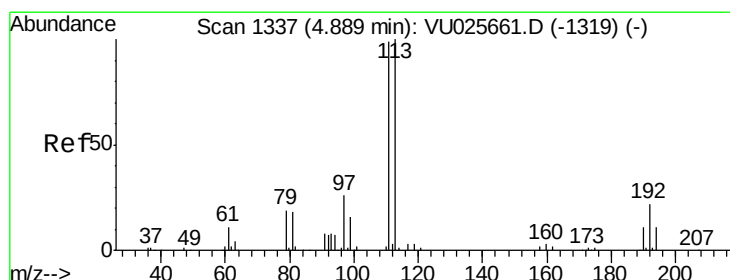
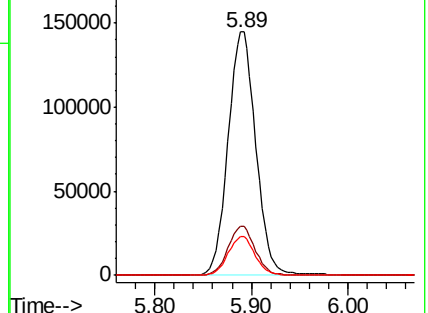
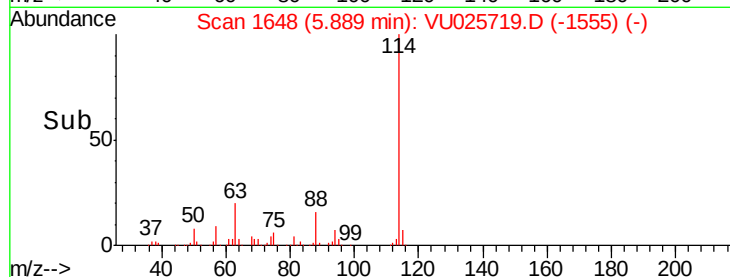
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.59 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025719.D

Acq: 30 Jul 2018 13:54

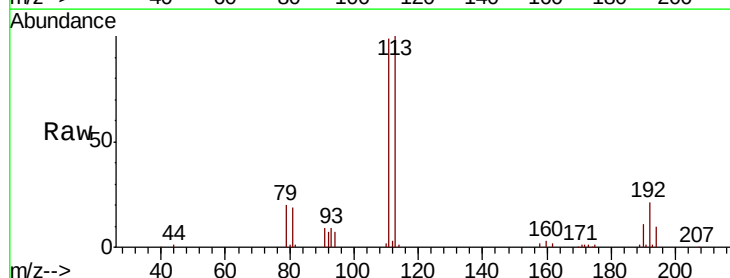
Tgt Ion:113 Resp: 119226

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

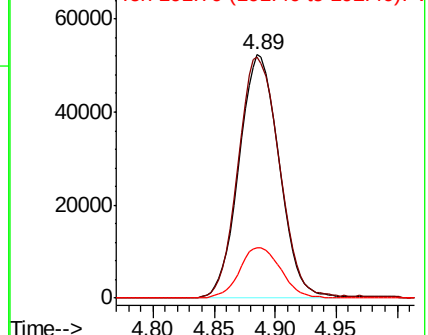
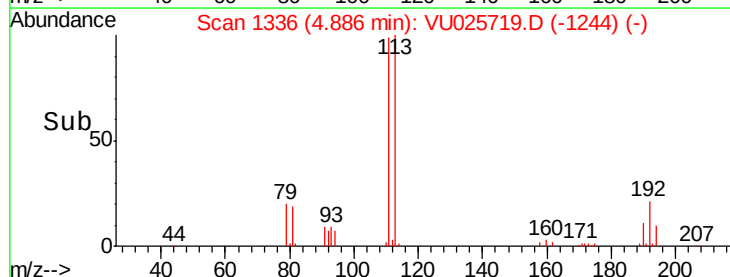
192 21.4 17.1 25.7

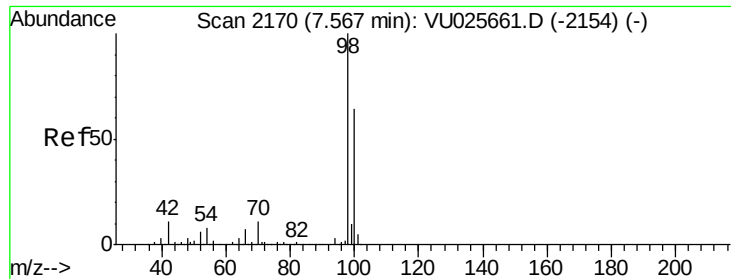


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

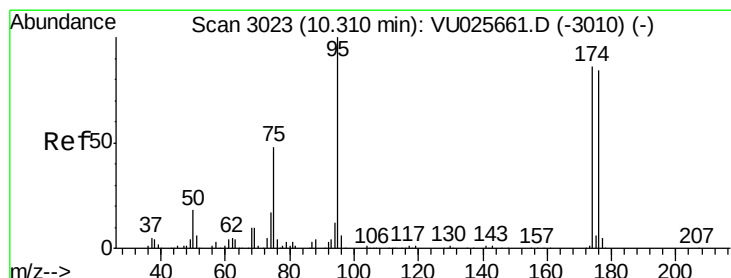
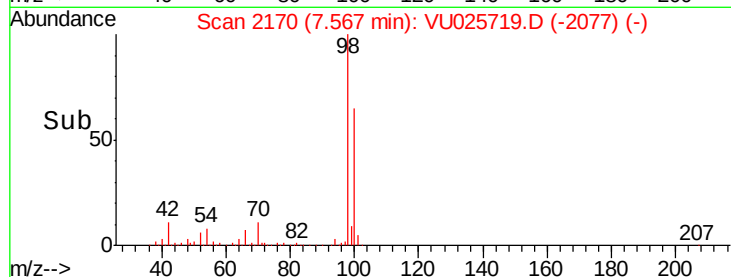
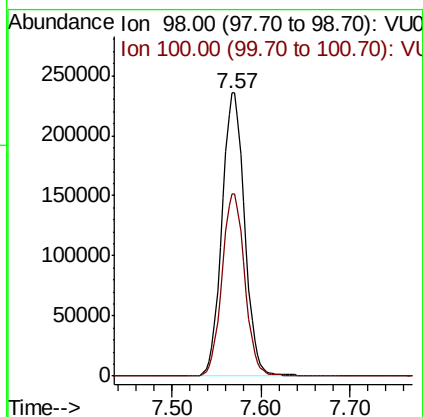
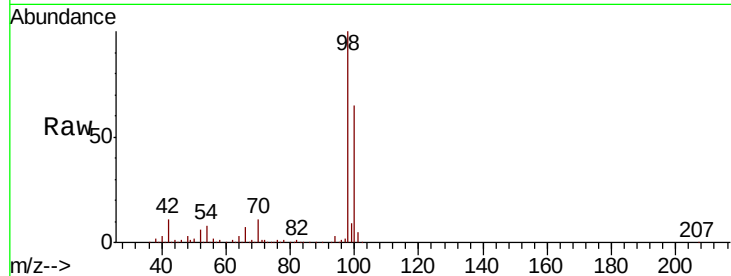




#50
Toluene-d8
Concen: 47.30 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025719.D
Acq: 30 Jul 2018 13:54

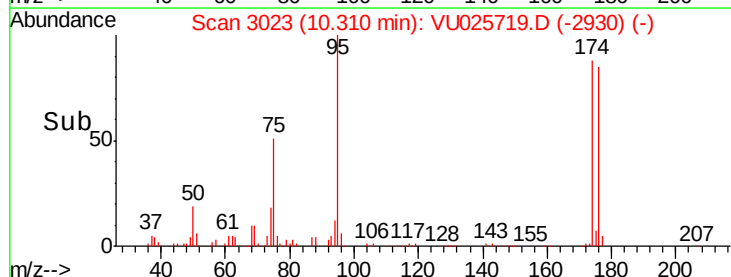
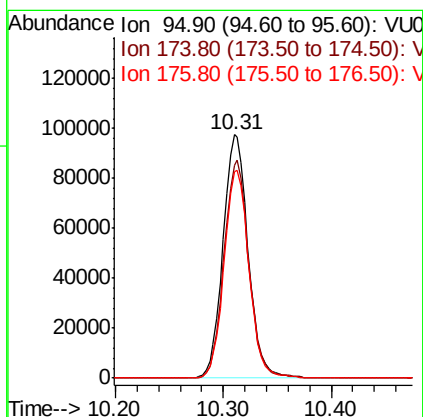
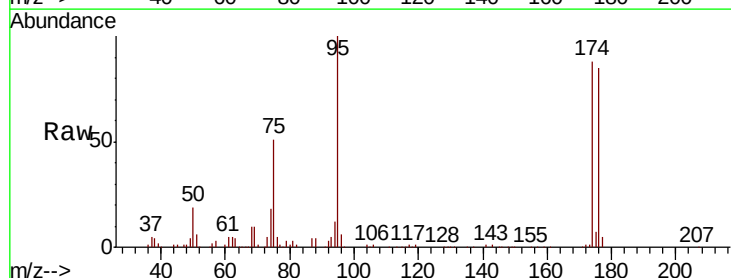
Instrument :
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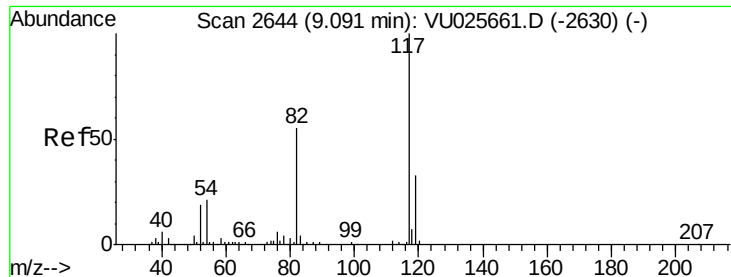
Tot Ion: 98 Resp: 414687
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.26 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025719.D
Acq: 30 Jul 2018 13:54

Tgt Ion: 95 Resp: 157423
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.2
176 85.2 0.0 162.6

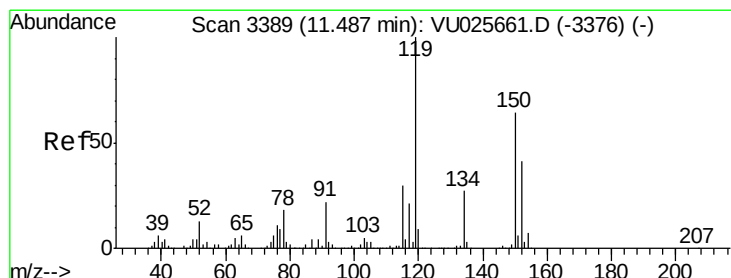
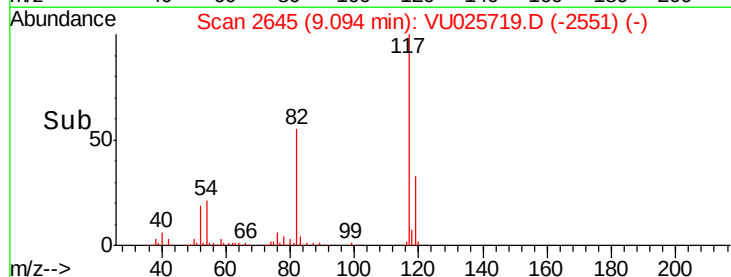
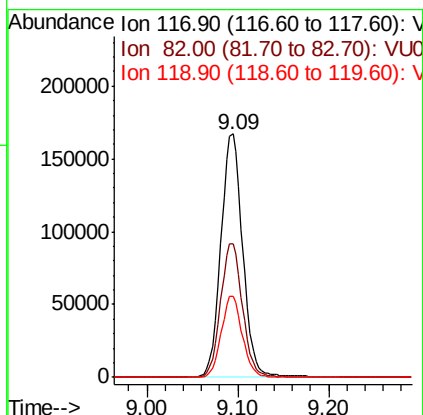
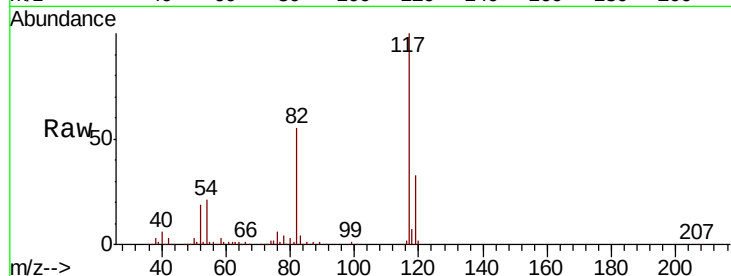




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025719.D
Acq: 30 Jul 2018 13:54

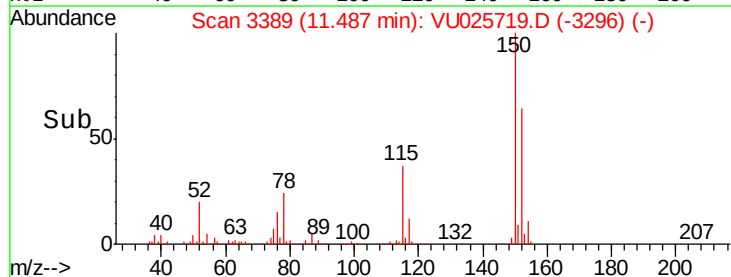
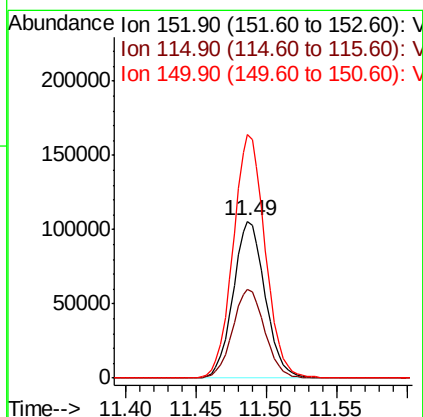
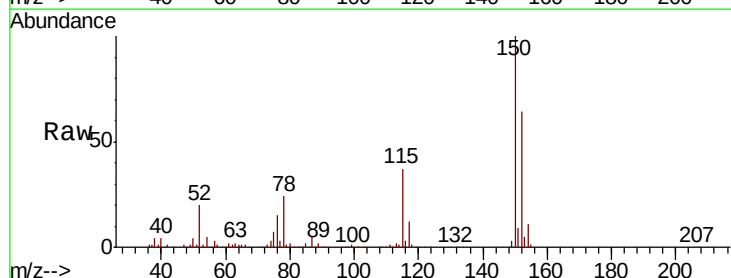
Instrument :
MSVOA_U
ClientSampleId :
LC-SD-EB04-180720

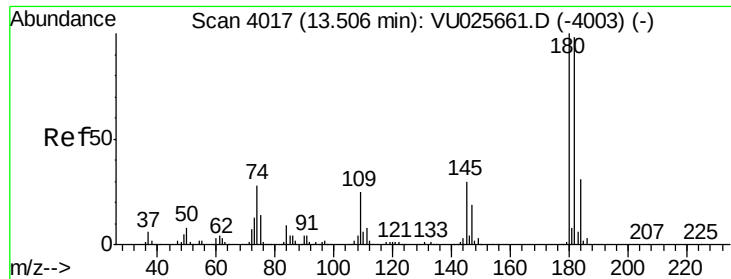
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.0	69.0
119	33.5	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025719.D
Acq: 30 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	40.1	120.3
150	155.8	0.0	351.4

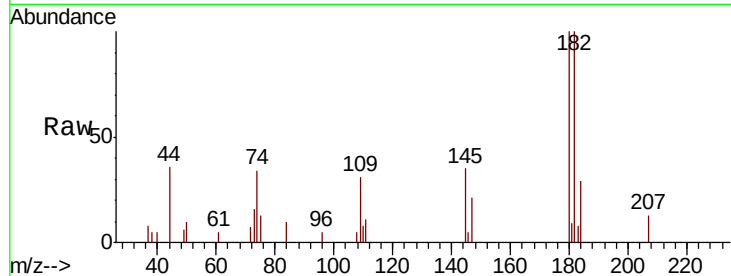




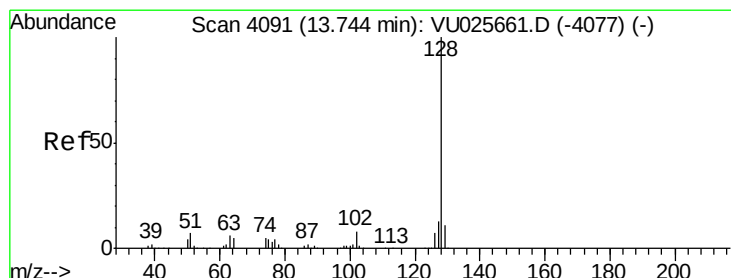
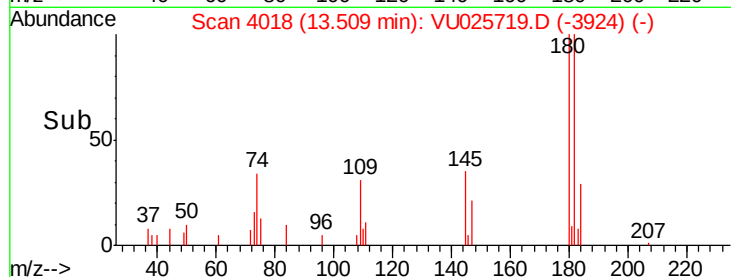
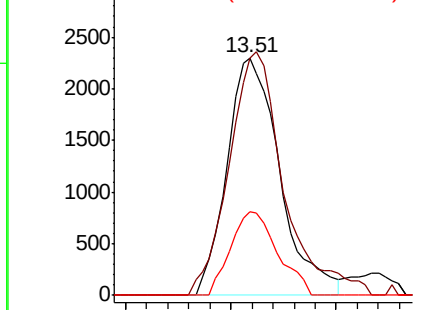
#93
 1,2,4-Trichlorobenzene
 Concen: 1.03 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025719.D
 Acq: 30 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 LC-SD-EB04-180720

Tot Ion:180 Resp: 4003
 Ion Ratio Lower Upper
 180 100
 182 106.2 47.3 141.9
 145 30.8 14.9 44.7

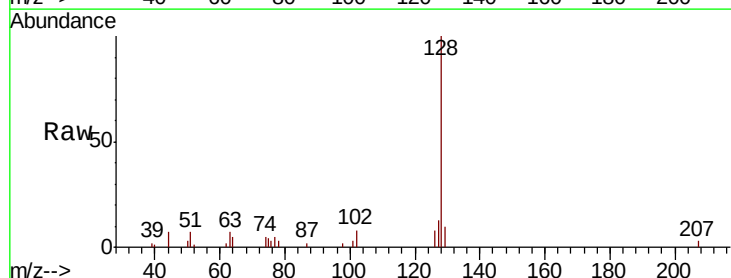


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 2.84 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025719.D
 Acq: 30 Jul 2018 13:54

Tgt Ion:128 Resp: 20258
 Ion Ratio Lower Upper
 128 100
 127 11.5 10.5 15.7
 129 9.1 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

