

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059952.D
 Acq On : 4 Sep 2018 18:51
 Operator : JC/SY
 Sample : J4724-06
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-05

Quant Time: Sep 05 05:16:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1075899	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	1502694	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1267432	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	706616	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	404464	44.60	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	89.20%	
35) Dibromofluoromethane	6.29	113	501529	42.57	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	85.14%	
50) Toluene-d8	9.43	98	1342276	41.05	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	82.10%	
62) 4-Bromofluorobenzene	12.41	95	543352	40.92	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	81.84%	

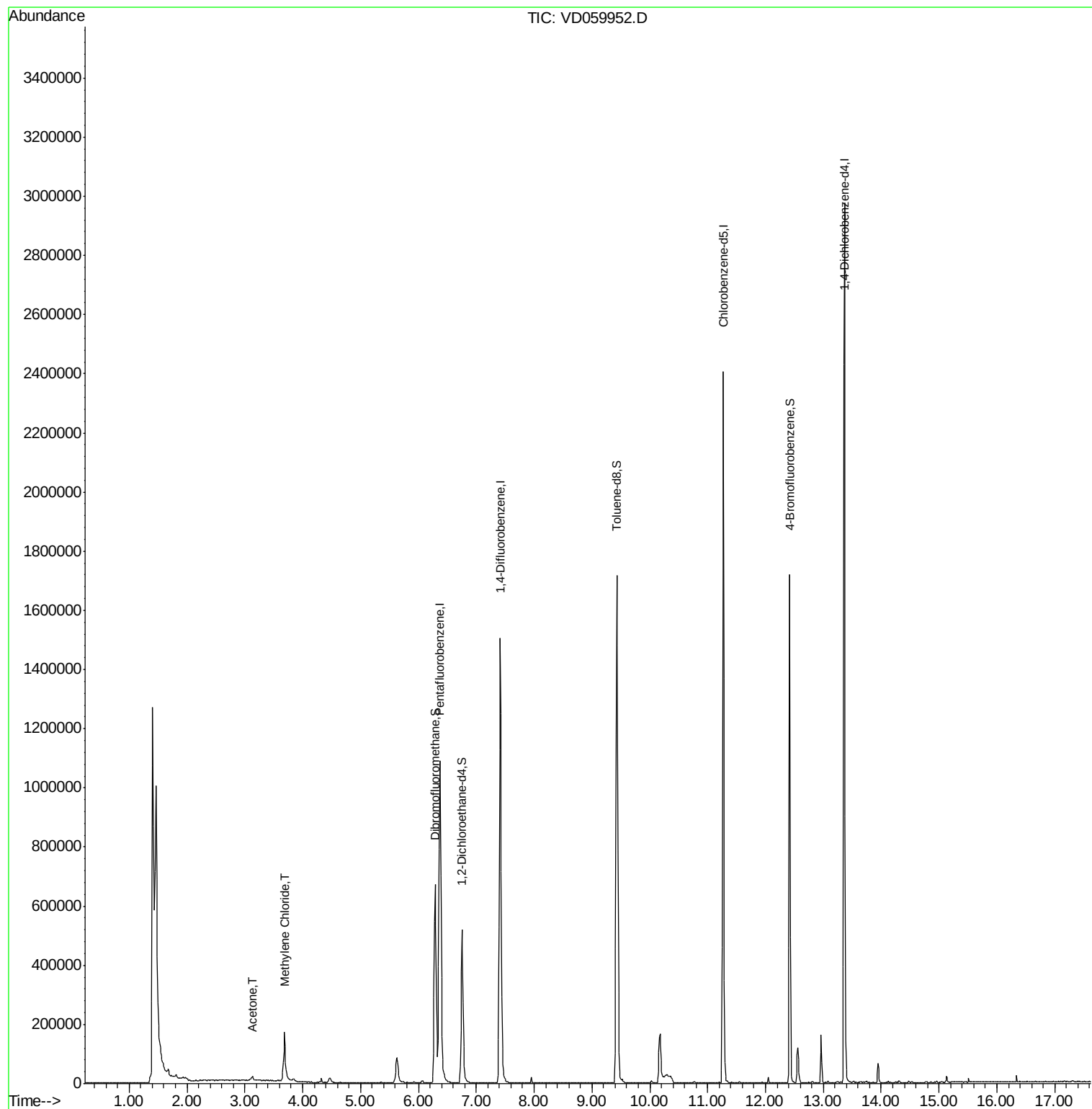
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.12	43	32452	19.64	ug/l	# 89
20) Methylene Chloride	3.68	84	82225	4.04	ug/l	98

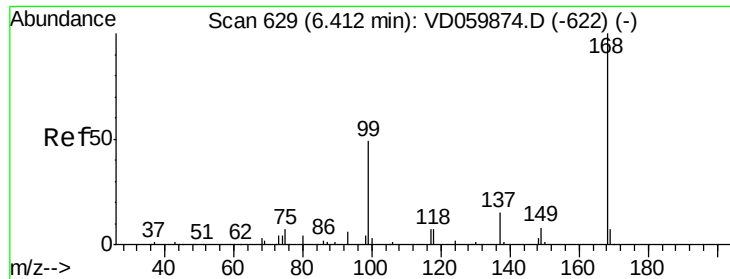
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.37 min Scan# 624

Delta R.T. -0.04 min

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Instrument :

MSVOA_D

ClientSampleId :

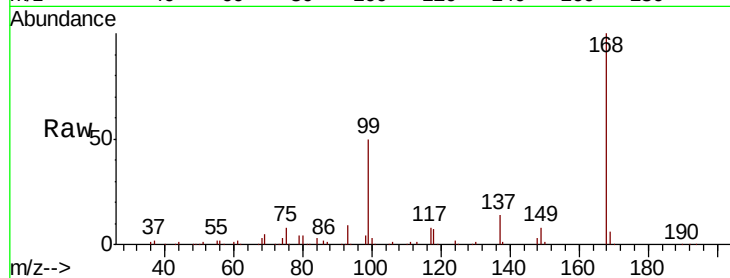
EP1-SUT-UST-05

Tot Ion:168 Resp: 1075899

Ion Ratio Lower Upper

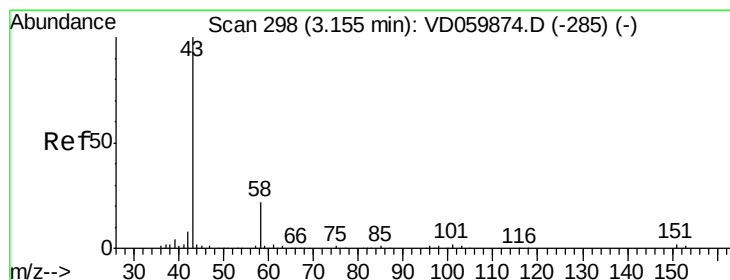
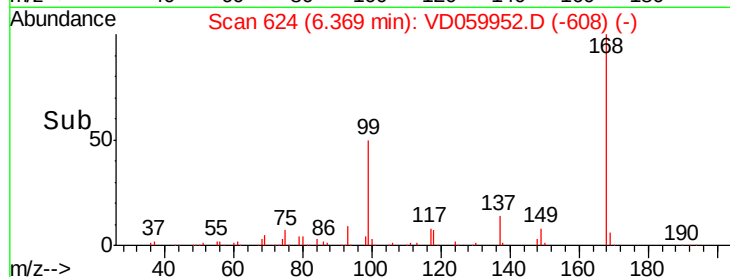
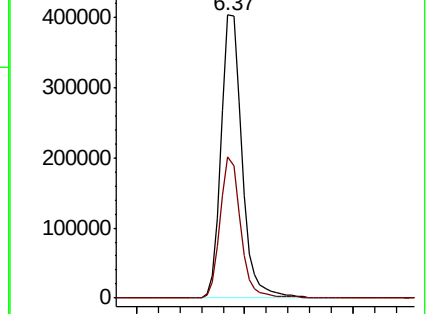
168 100

99 49.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 19.64 ug/l

RT: 3.12 min Scan# 294

Delta R.T. -0.03 min

Lab File: VD059952.D

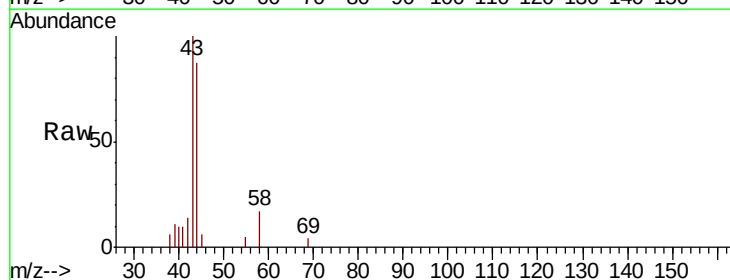
Acq: 4 Sep 2018 18:51

Tgt Ion: 43 Resp: 32452

Ion Ratio Lower Upper

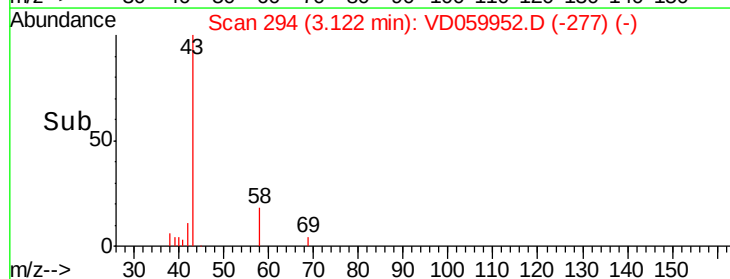
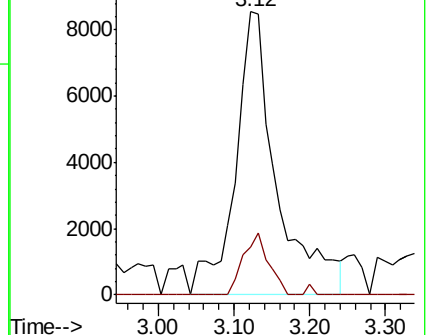
43 100

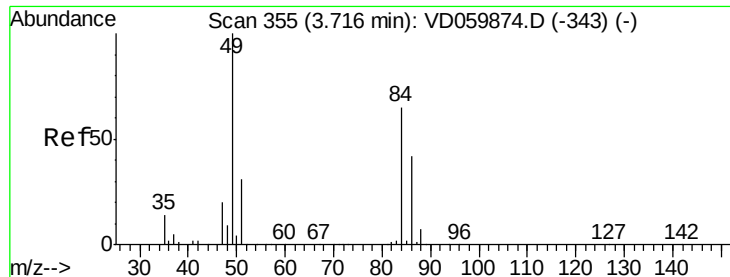
58 16.9 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

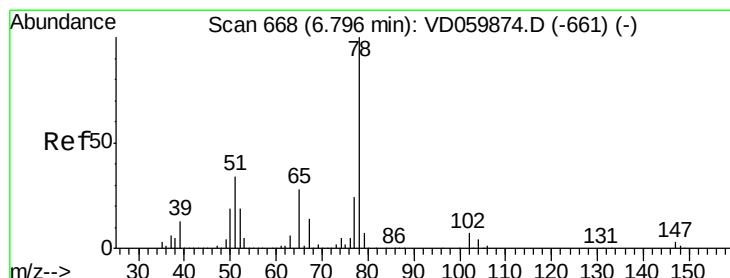
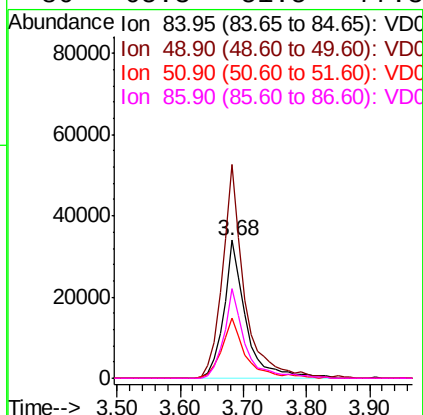
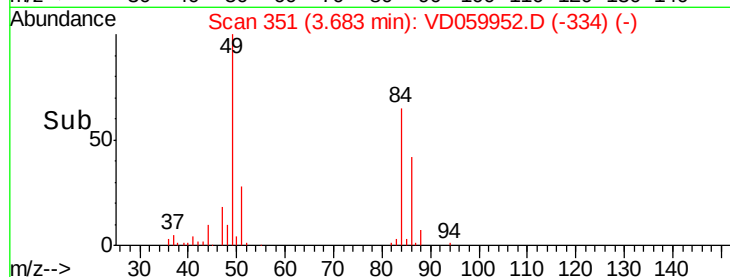
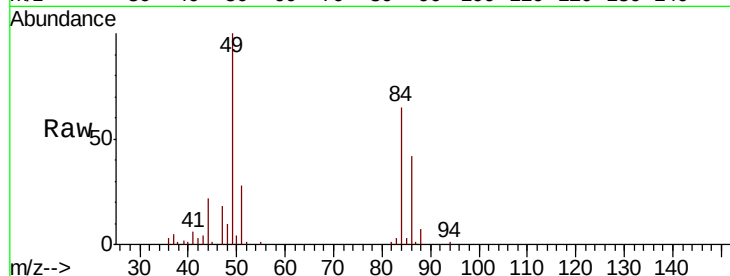




#20
Methylene Chloride
Concen: 4.04 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.03 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

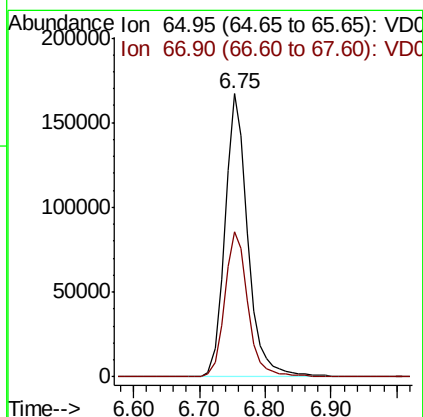
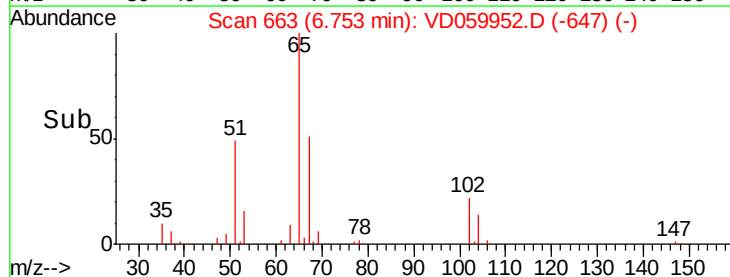
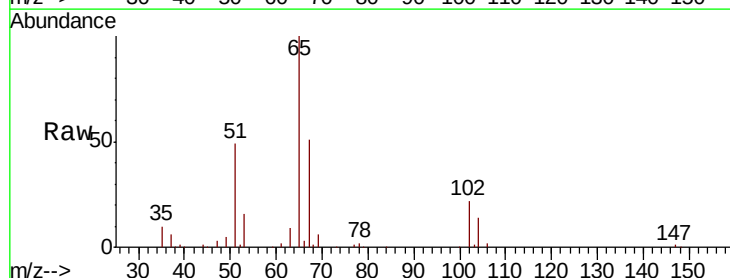
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-05

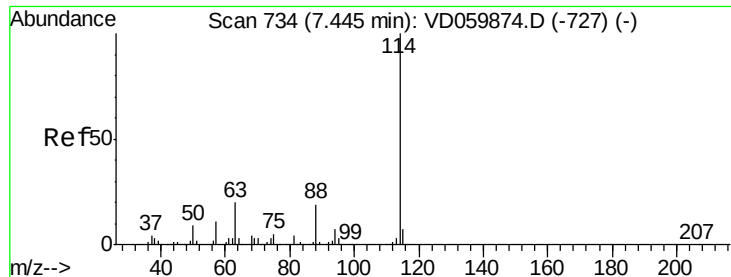
Tot Ion: 84 Resp: 82225
Ion Ratio Lower Upper
84 100
49 154.6 122.6 183.8
51 43.5 38.4 57.6
86 65.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 663
Delta R.T. -0.04 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

Tgt Ion: 65 Resp: 404464
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.8

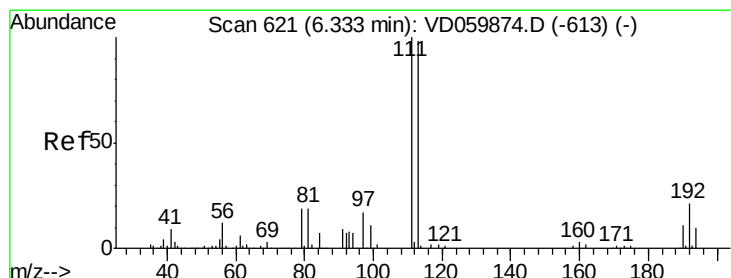
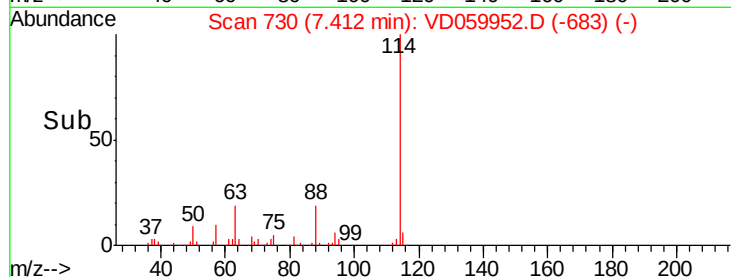
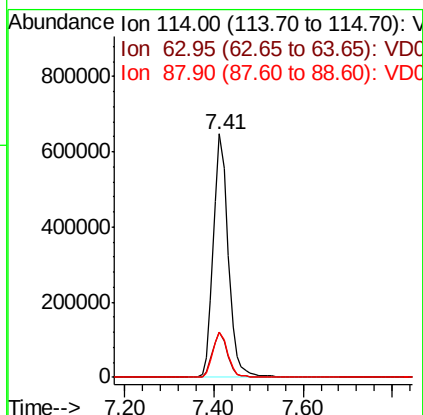
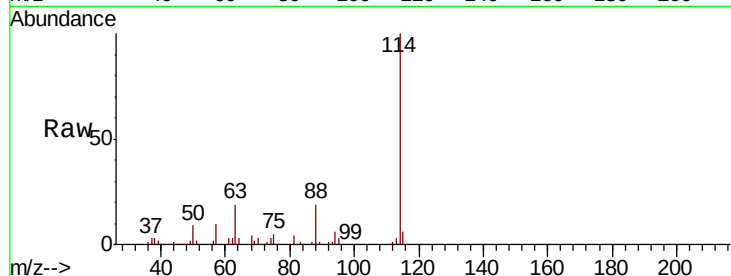




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: VD059952.D
 Acq: 4 Sep 2018 18:51

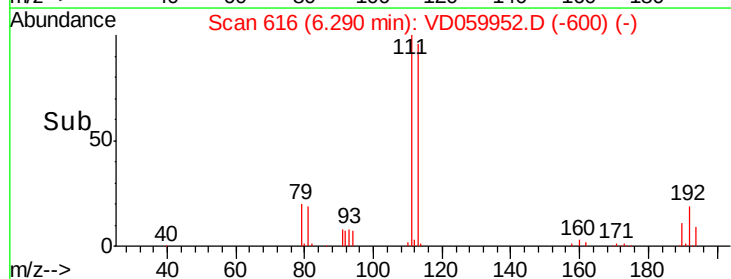
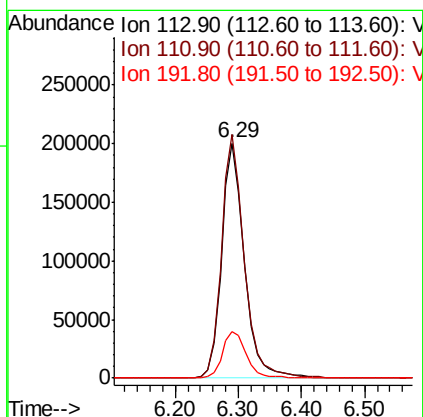
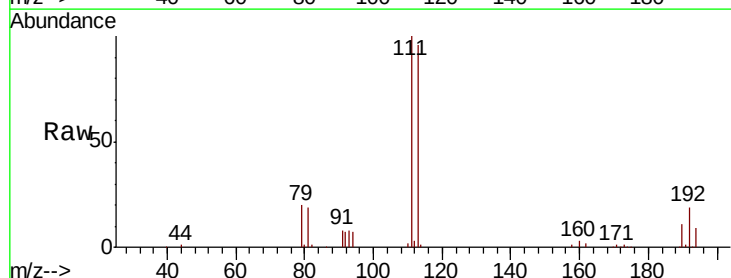
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-05

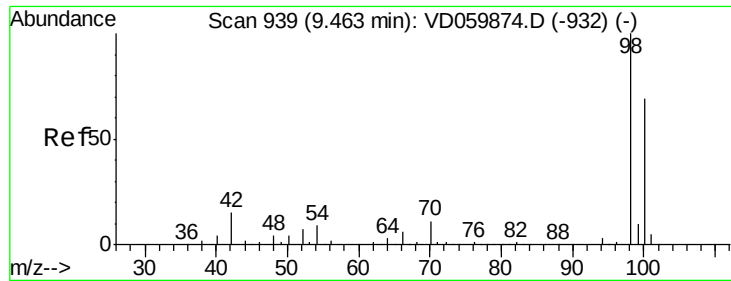
Tot Ion:114 Resp: 1502694
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.4
 88 18.8 0.0 37.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 616
 Delta R.T. -0.04 min
 Lab File: VD059952.D
 Acq: 4 Sep 2018 18:51

Tgt Ion:113 Resp: 501529
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.2
 192 20.0 17.0 25.6

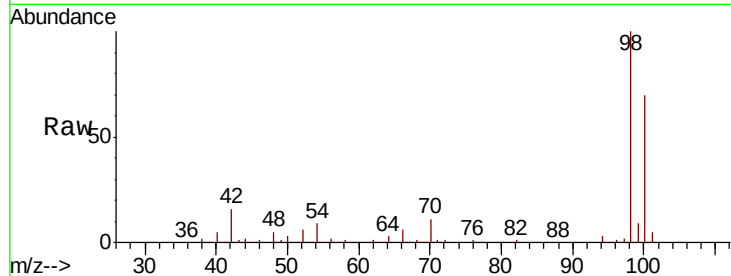




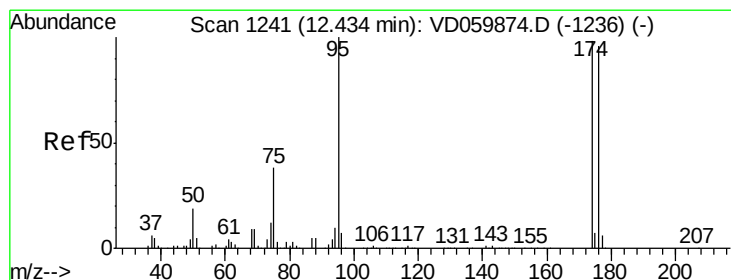
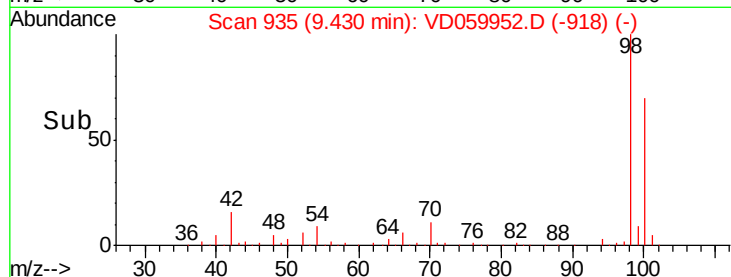
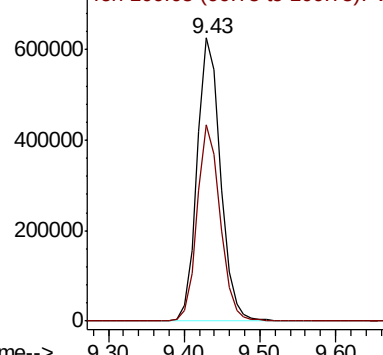
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 935
Delta R.T. -0.03 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-05

Tot Ion: 98 Resp: 1342276
Ion Ratio Lower Upper
98 100
100 69.5 55.8 83.6

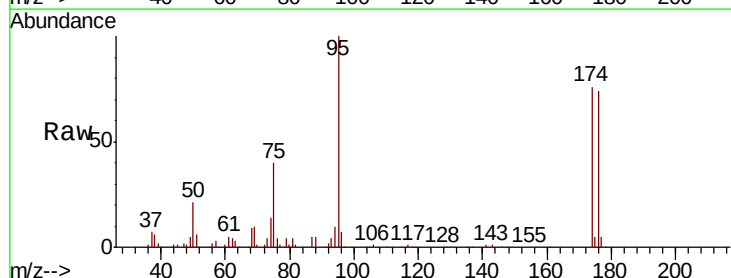


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

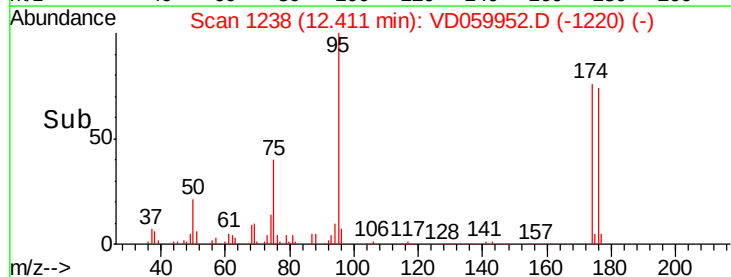
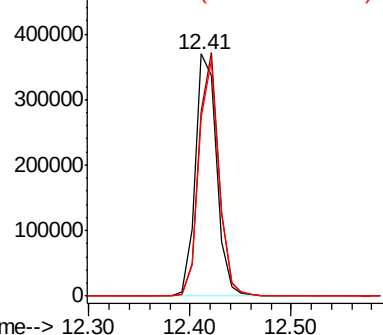


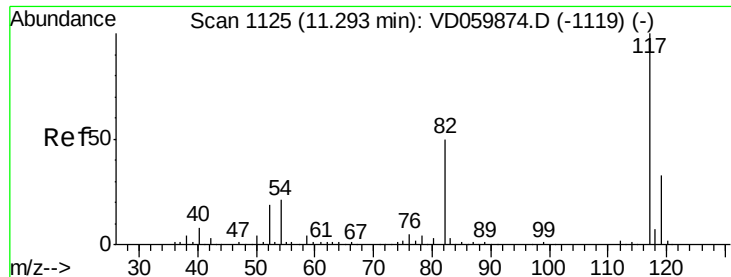
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

Tgt Ion: 95 Resp: 543352
Ion Ratio Lower Upper
95 100
174 76.4 0.0 195.6
176 73.7 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

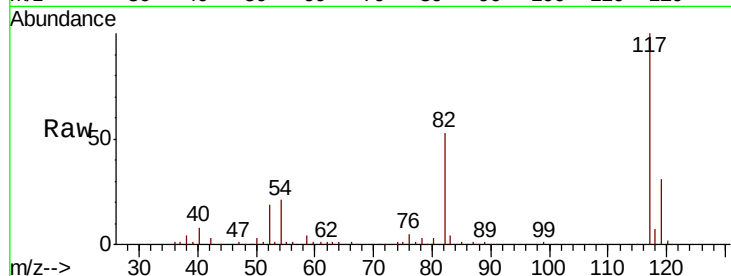




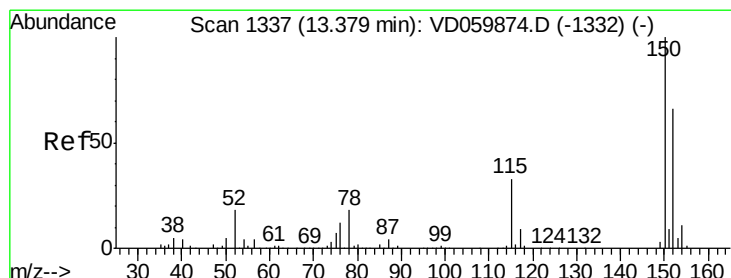
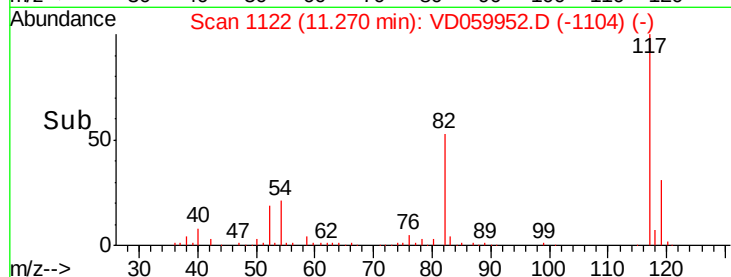
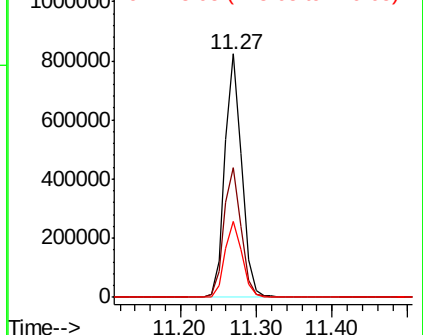
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

Instrument :
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ClientSampleId :
EP1-SUT-UST-05

Tot Ion:117 Resp: 1267432
Ion Ratio Lower Upper
117 100
82 53.3 40.1 60.1
119 31.2 26.7 40.1

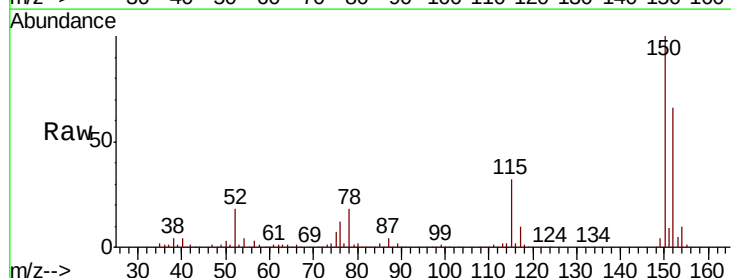


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059952.D
Acq: 4 Sep 2018 18:51

Tgt Ion:152 Resp: 706616
Ion Ratio Lower Upper
152 100
115 49.0 25.7 77.0
150 152.1 0.0 310.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

