

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059948.D
 Acq On : 4 Sep 2018 16:57
 Operator : JC/SY
 Sample : J4724-02
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-01

Quant Time: Sep 05 03:53:44 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	6.38	168	1076776	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1496959	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1207722	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	616742	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	434720	47.90	ug/l	-0.04
Spiked Amount			Recovery	=	95.80%	
35) Dibromofluoromethane	6.29	113	549051	46.78	ug/l	-0.04
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	9.43	98	1409999	43.29	ug/l	-0.03
Spiked Amount			Recovery	=	86.58%	
62) 4-Bromofluorobenzene	12.42	95	544115	41.13	ug/l	-0.02
Spiked Amount			Recovery	=	82.26%	

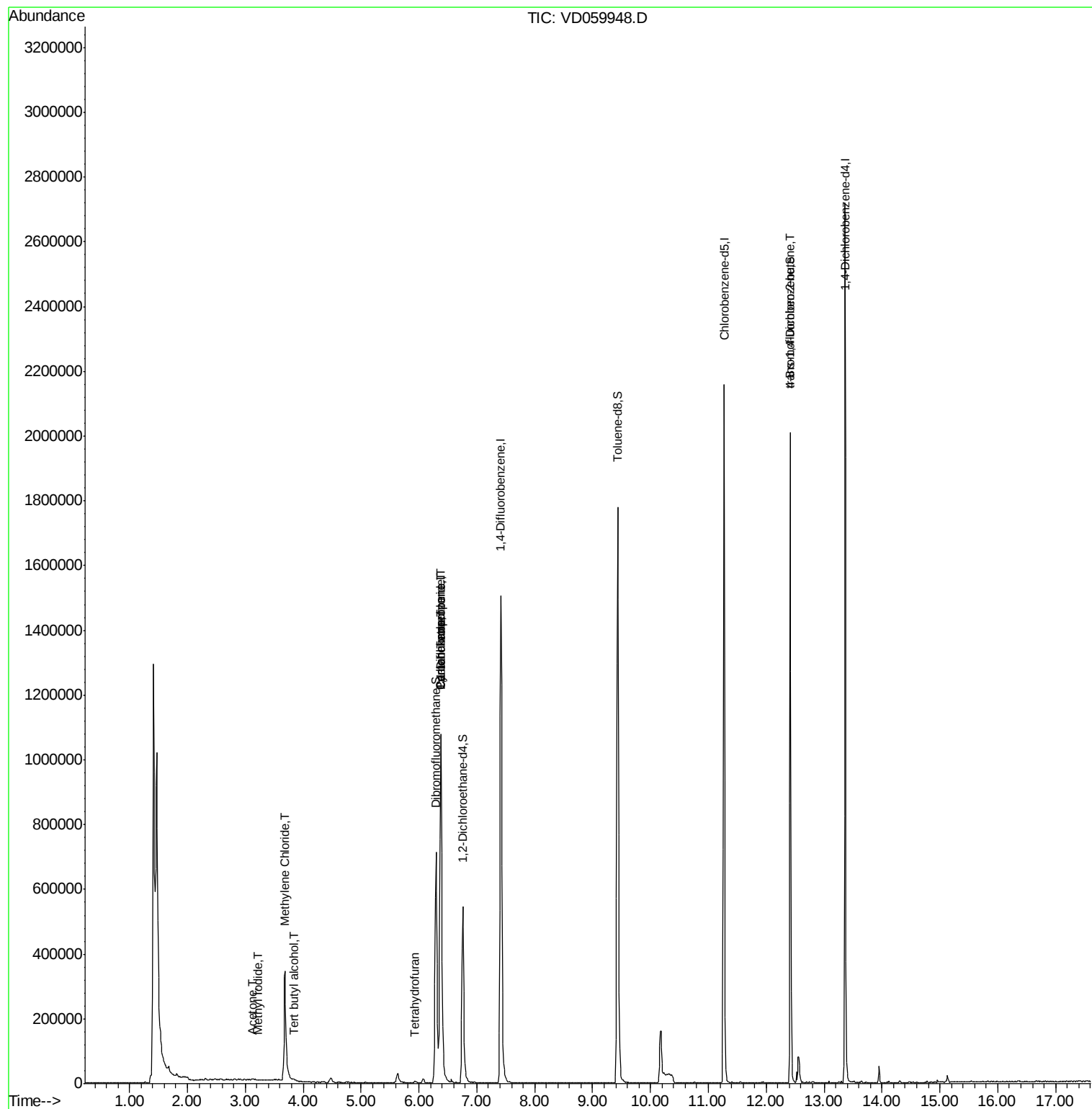
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.21	142	214	3.50	ug/l #	31
11) Tert butyl alcohol	3.85	59	3386	4.89	ug/l #	75
16) Acetone	3.13	43	9577	5.79	ug/l	92
20) Methylene Chloride	3.69	84	179806	13.58	ug/l	95
29) Tetrahydrofuran	5.93	42	2852	1.22	ug/l #	65
31) Cyclohexane	6.37	56	21215	1.23	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	76427	5.63	ug/l #	46
38) Carbon Tetrachloride	6.38	117	86329	6.30	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	223497	74.96	ug/l #	12
89) n-Butylbenzene	13.64	91	1473	Below Cal	#	67

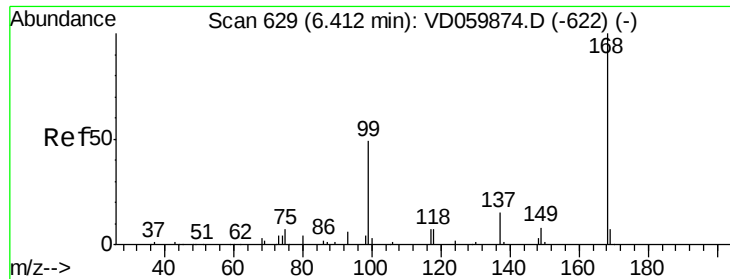
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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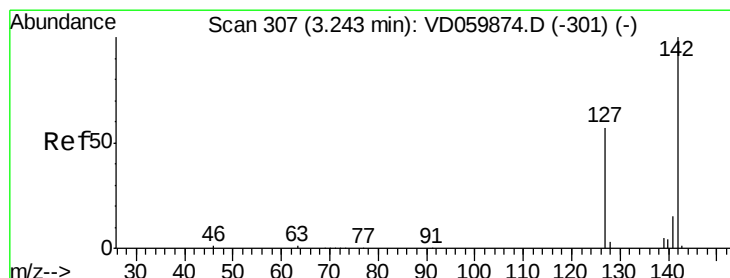
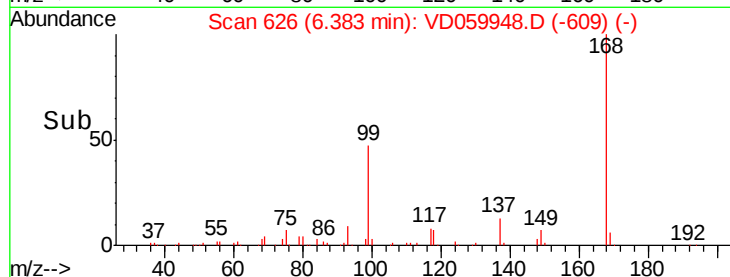
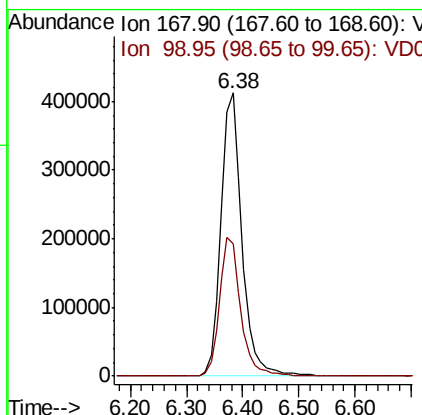
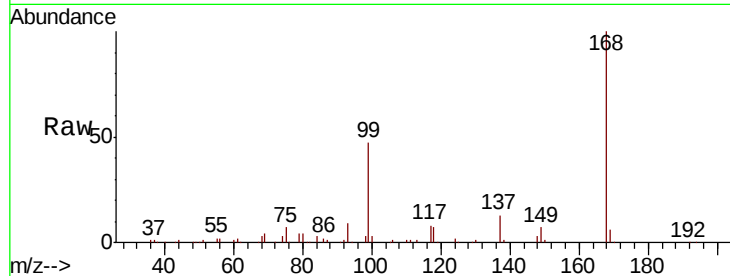




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.03 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

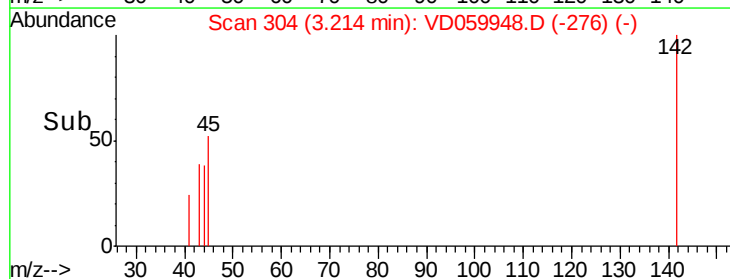
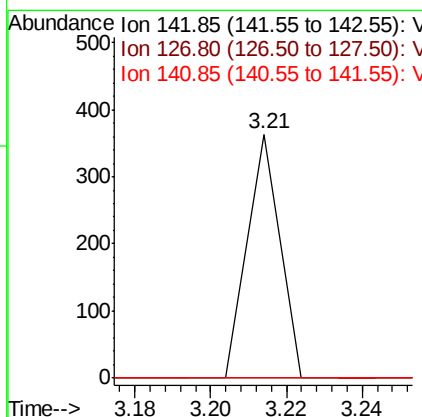
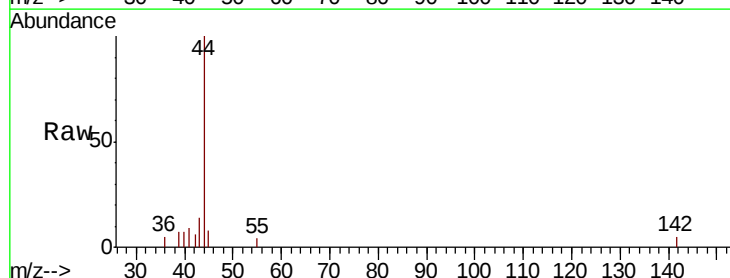
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-01

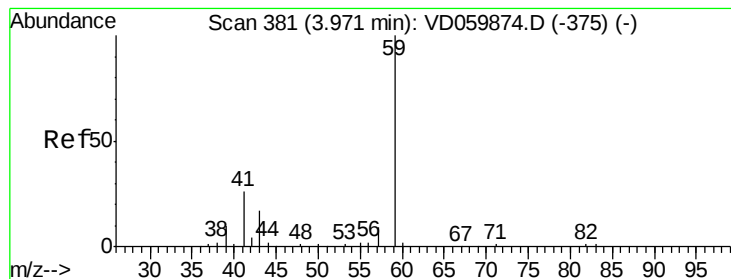
Tot Ion:168 Resp: 1076776
Ion Ratio Lower Upper
168 100
99 46.7 42.2 63.2



#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 3.21 min Scan# 304
Delta R.T. -0.03 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Tgt Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
127 0.0 45.8 68.6#
141 0.0 11.6 17.4#



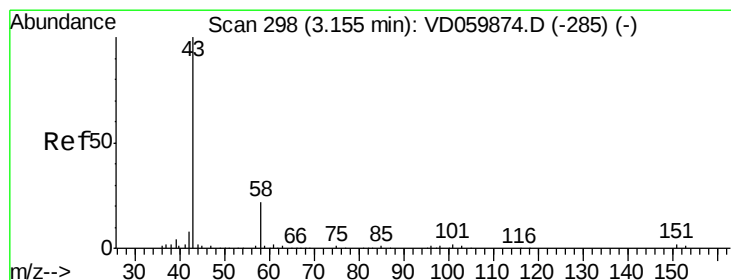
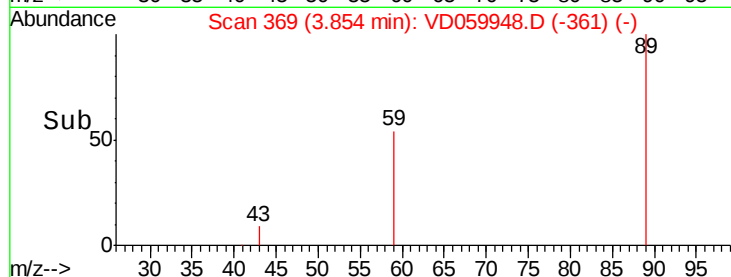
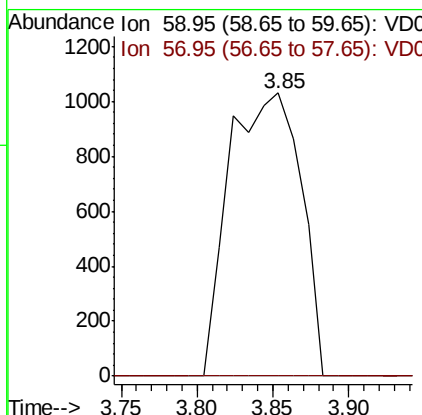
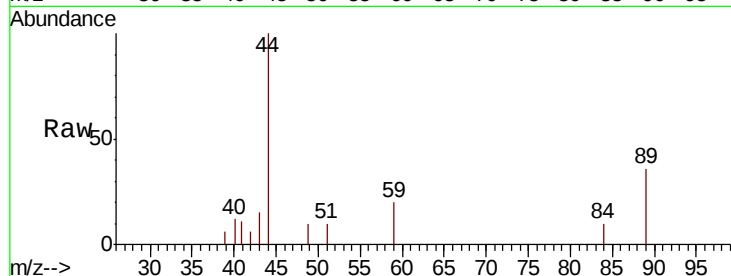


#11

Tert butyl alcohol
 Concen: 4.89 ug/l
 RT: 3.85 min Scan# 369
 Delta R.T. -0.12 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-01

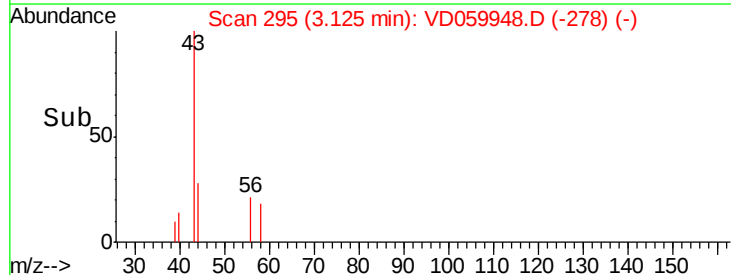
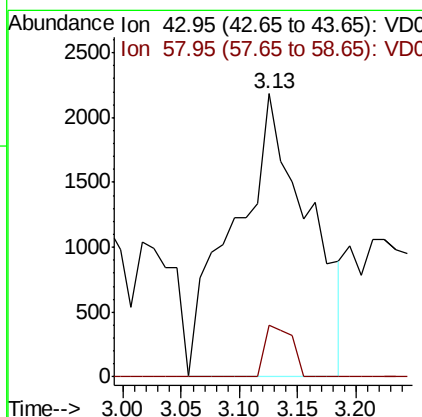
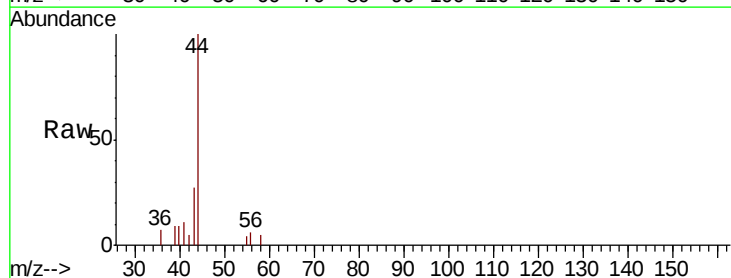
Tot Ion: 59 Resp: 3386
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.0#

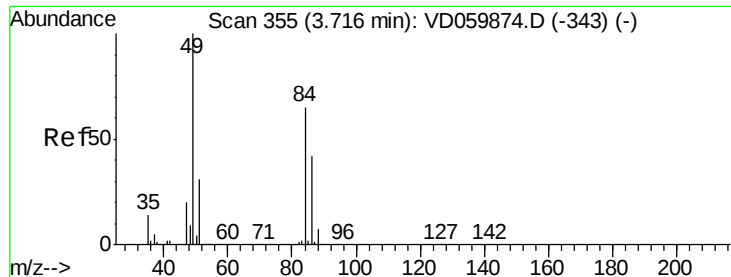


#16

Acetone
 Concen: 5.79 ug/l
 RT: 3.13 min Scan# 295
 Delta R.T. -0.03 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

Tgt Ion: 43 Resp: 9577
 Ion Ratio Lower Upper
 43 100
 58 18.4 17.6 26.4

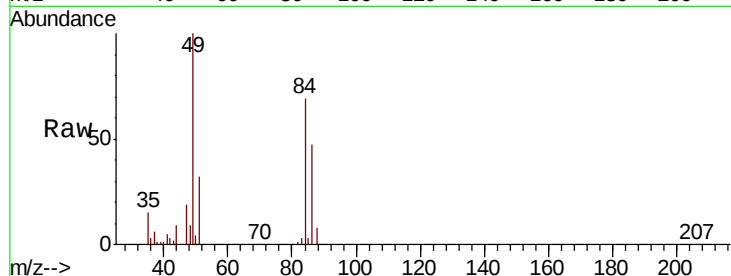




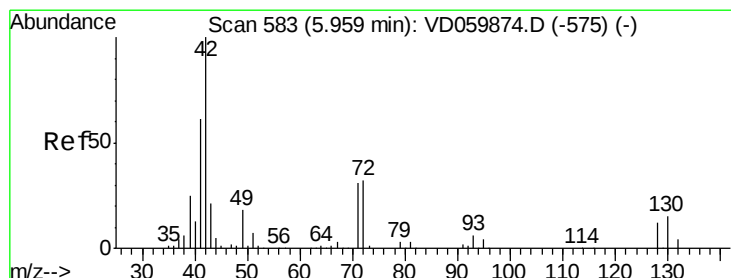
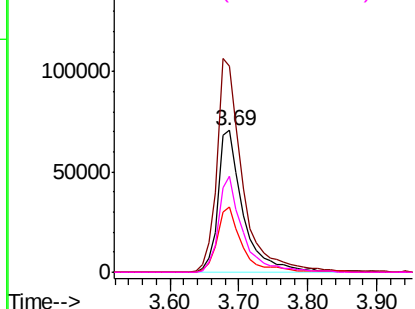
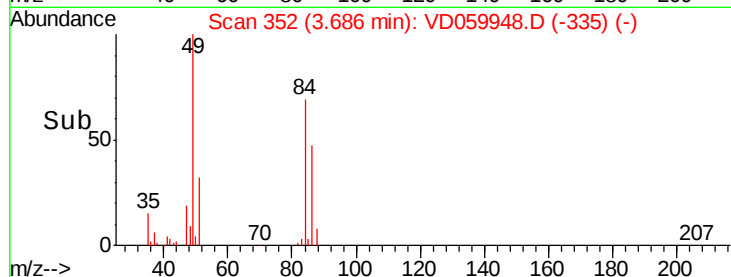
#20
Methvlene Chloride
Concen: 13.58 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.03 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-01

Tot Ion: 84 Resp: 179806
Ion Ratio Lower Upper
84 100
49 145.1 122.6 183.8
51 46.1 38.4 57.6
86 67.6 51.5 77.3

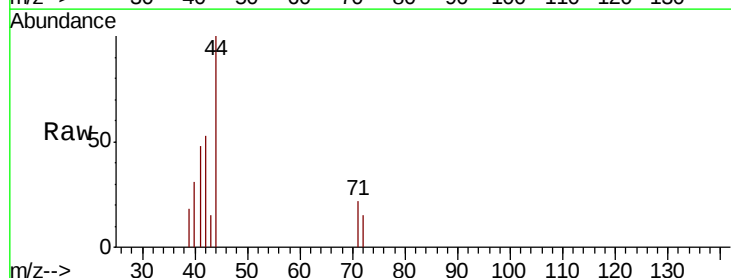


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

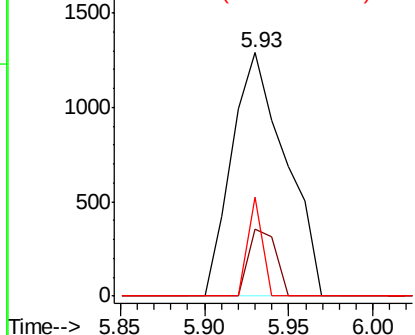
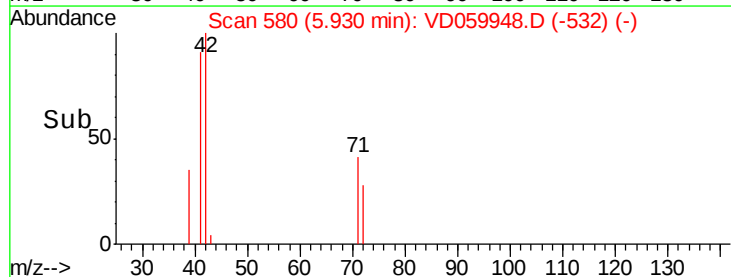


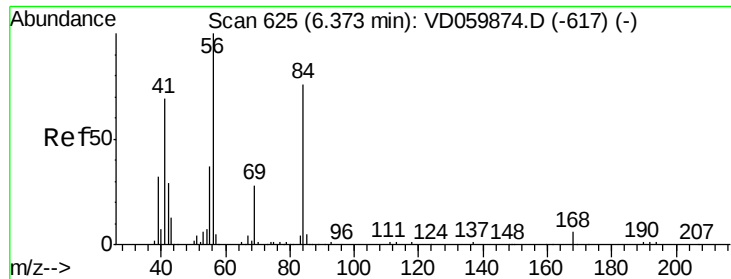
#29
Tetrahydrofuran
Concen: 1.22 ug/l
RT: 5.93 min Scan# 580
Delta R.T. -0.03 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Tgt Ion: 42 Resp: 2852
Ion Ratio Lower Upper
42 100
72 14.0 25.7 38.5#
71 10.9 25.3 37.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

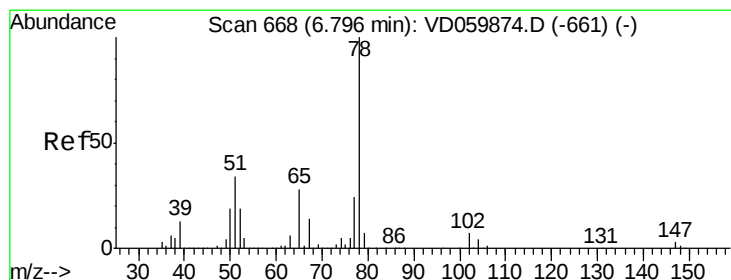
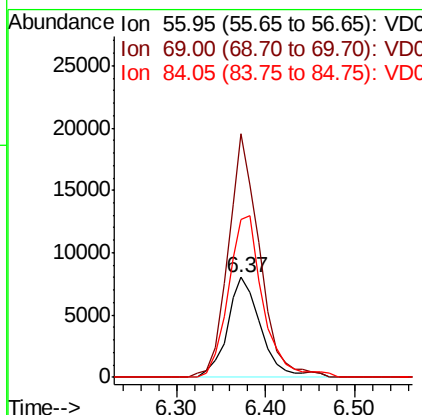
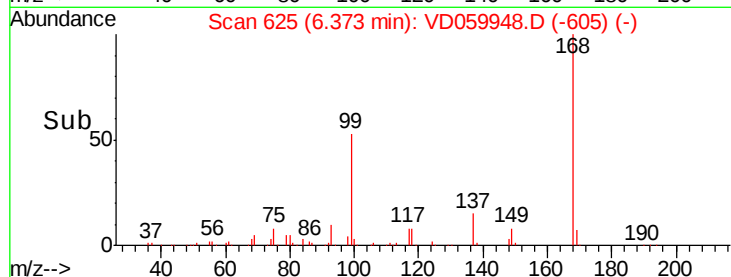
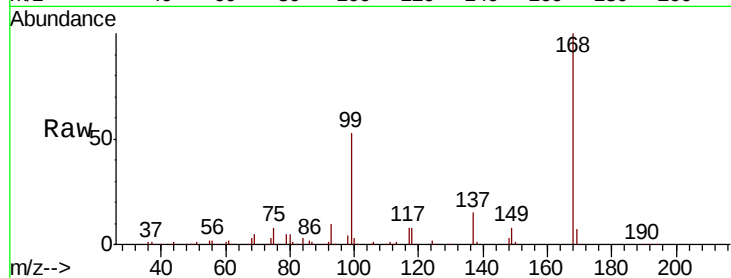




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 6.37 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

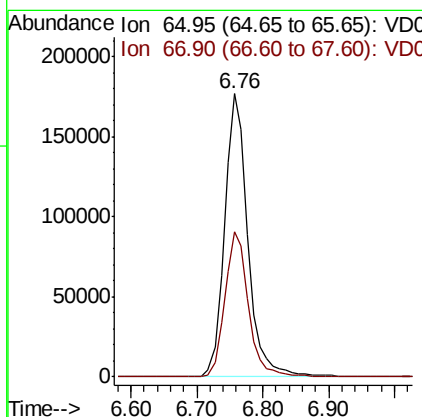
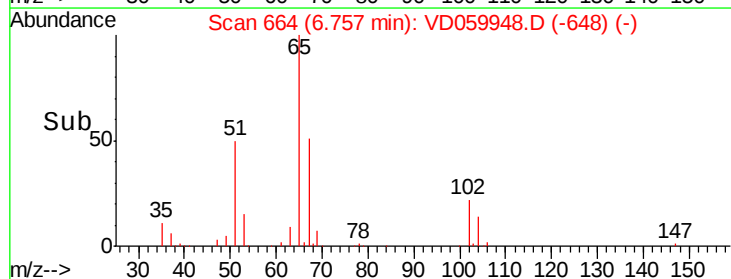
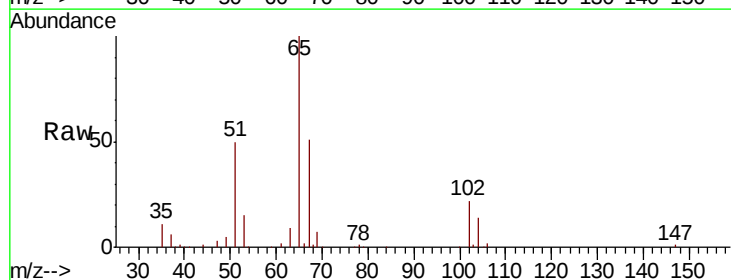
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-01

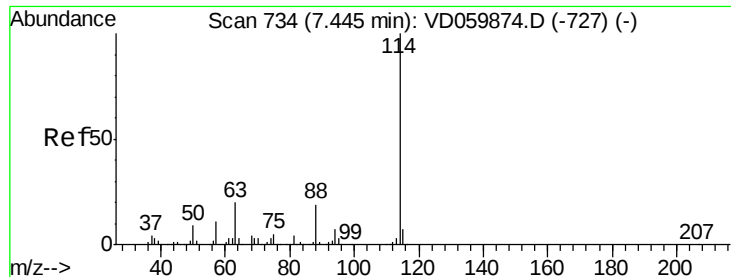
Tot Ion: 56 Resp: 21215
Ion Ratio Lower Upper
56 100
69 243.2 22.4 33.6#
84 157.7 62.1 93.1#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Tgt Ion: 65 Resp: 434720
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-01

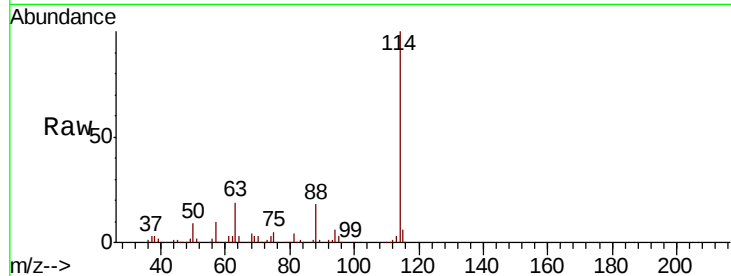
Tot Ion:114 Resp: 1496959

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

88 18.2 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

800000

600000

400000

200000

0

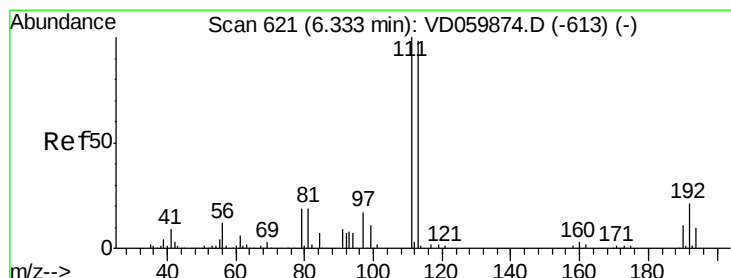
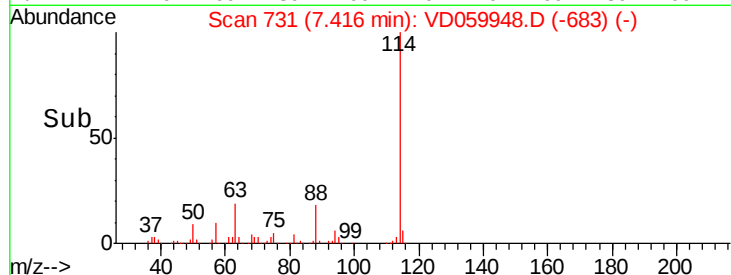
7.20

7.40

7.60

7.80

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

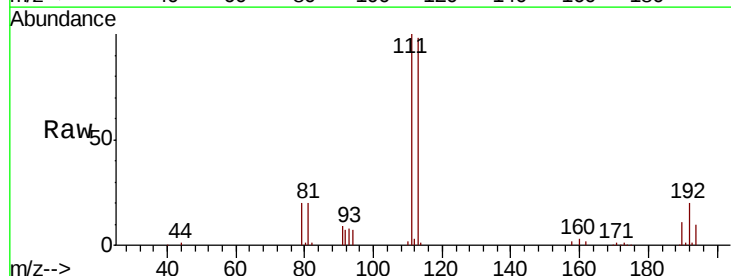
Tgt Ion:113 Resp: 549051

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

192 20.5 17.0 25.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

300000

250000

200000

150000

100000

50000

0

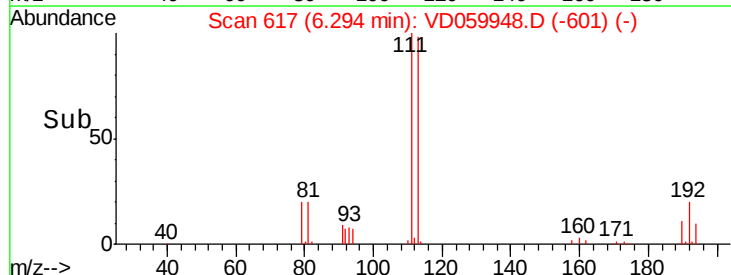
6.20

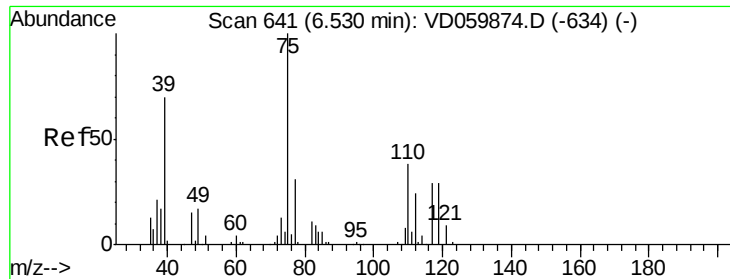
6.30

6.40

6.50

Time-->





#36

1,1-Dichloropropene

Concen: 5.63 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.16 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-01

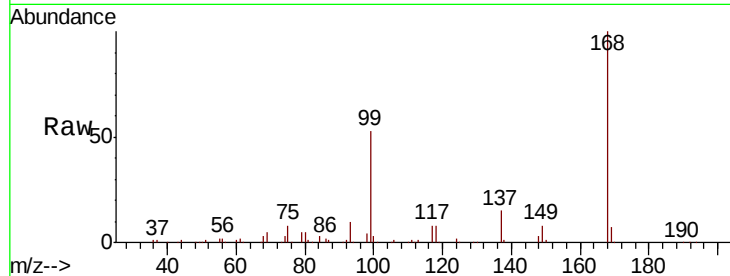
Tot Ion: 75 Resp: 76427

Ion Ratio Lower Upper

75 100

110 6.4 18.6 56.0#

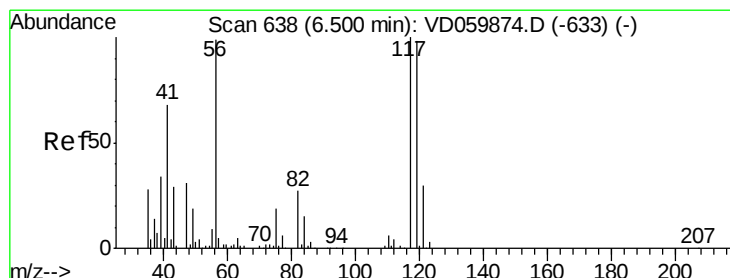
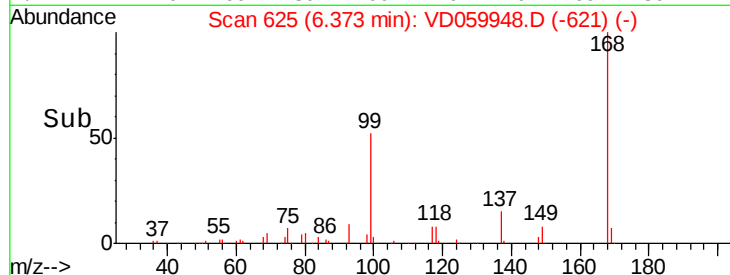
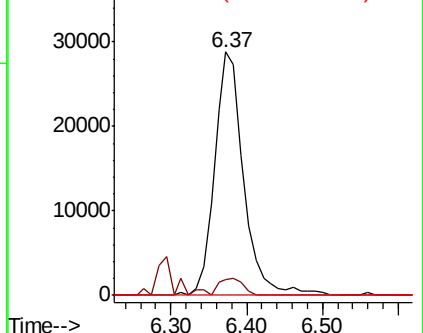
77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VD059948.D (-621) (-)

Ion 109.90 (109.60 to 110.60): VD059948.D (-621) (-)

Ion 76.95 (76.65 to 77.65): VD059948.D (-621) (-)



#38

Carbon Tetrachloride

Concen: 6.30 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.12 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

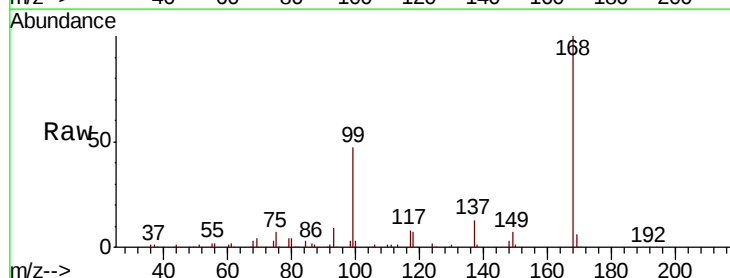
Tgt Ion: 117 Resp: 86329

Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

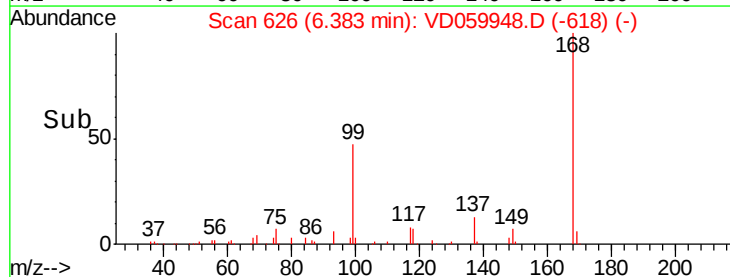
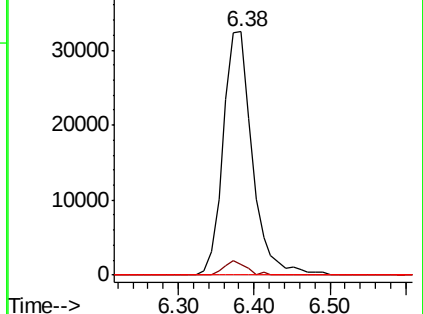
121 0.0 24.0 36.0#

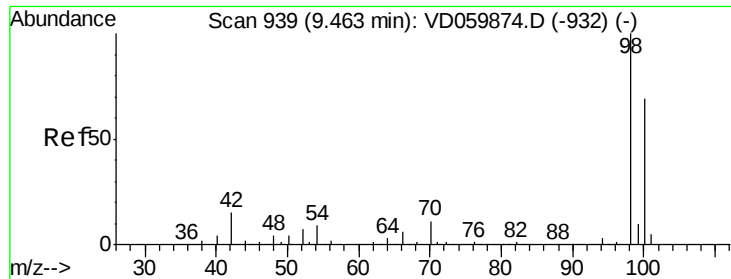


Abundance Ion 116.85 (116.55 to 117.55): VD059948.D (-618) (-)

Ion 118.85 (118.55 to 119.55): VD059948.D (-618) (-)

Ion 120.85 (120.55 to 121.55): VD059948.D (-618) (-)

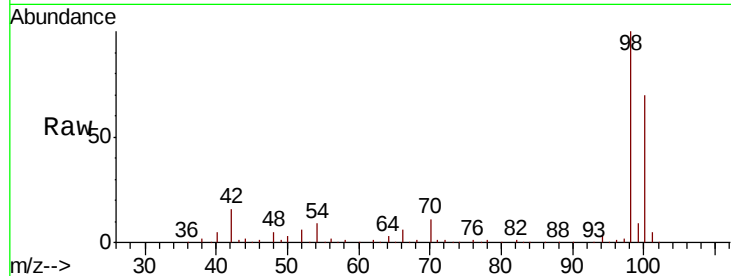




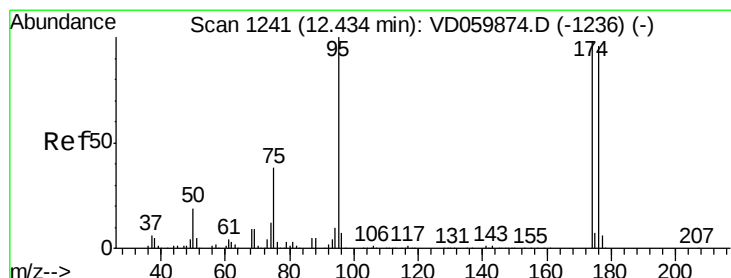
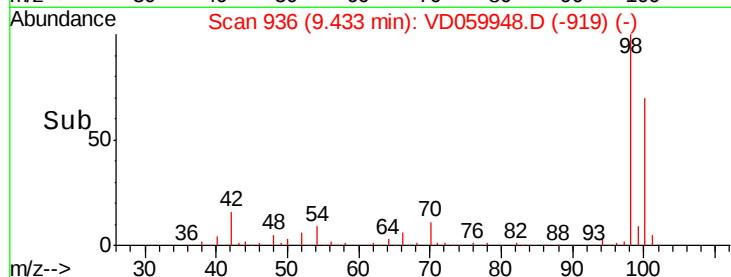
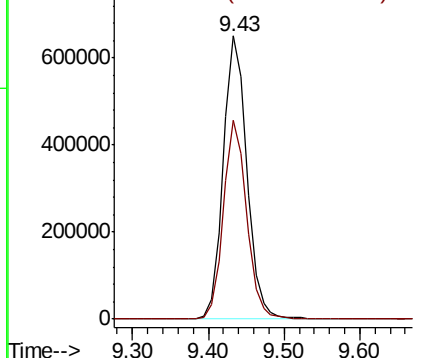
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-01

Tot Ion: 98 Resp: 1409999
Ion Ratio Lower Upper
98 100
100 70.3 55.8 83.6

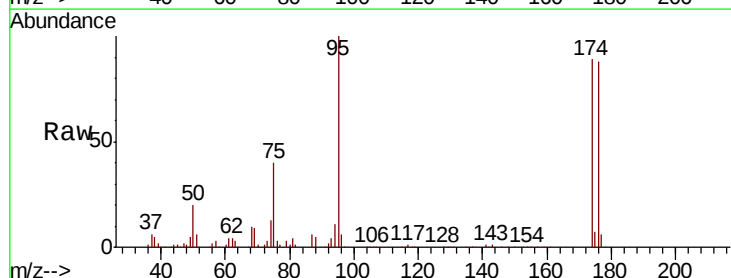


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

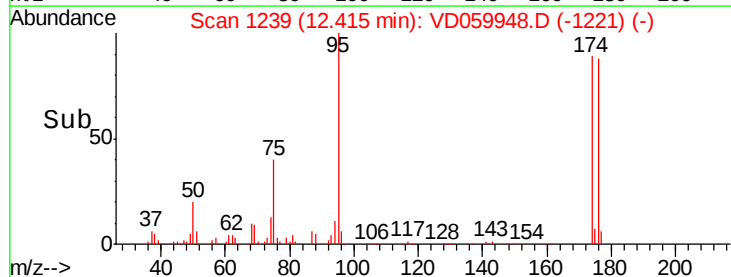
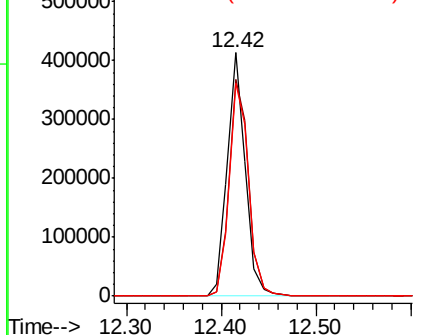


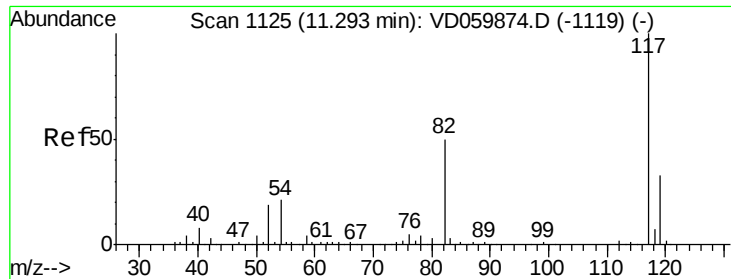
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Tgt Ion: 95 Resp: 544115
Ion Ratio Lower Upper
95 100
174 89.0 0.0 195.6
176 87.6 0.0 191.2



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

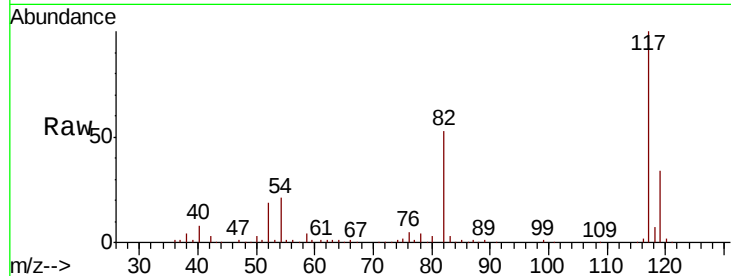




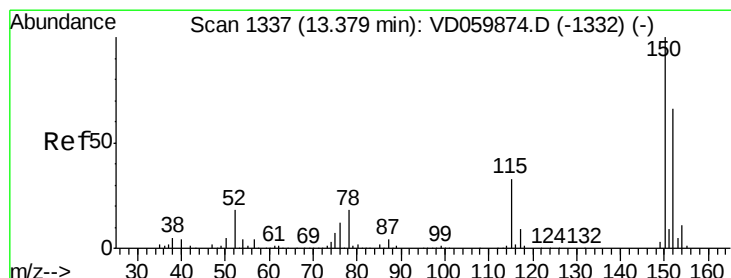
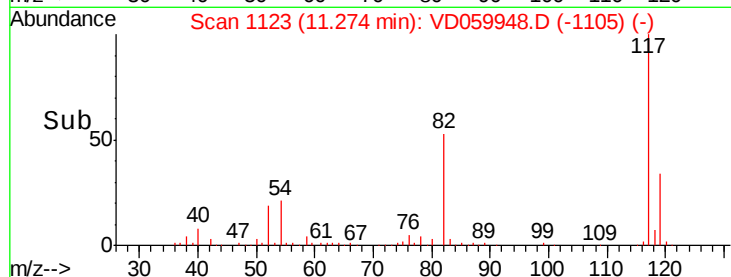
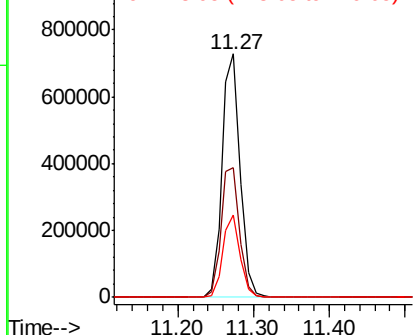
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-01

Tot Ion:117 Resp: 1207722
Ion Ratio Lower Upper
117 100
82 53.5 40.1 60.1
119 33.6 26.7 40.1

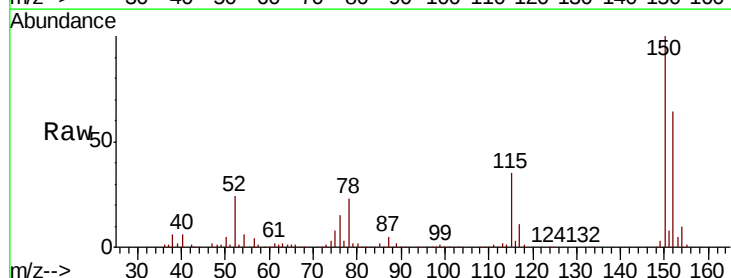


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

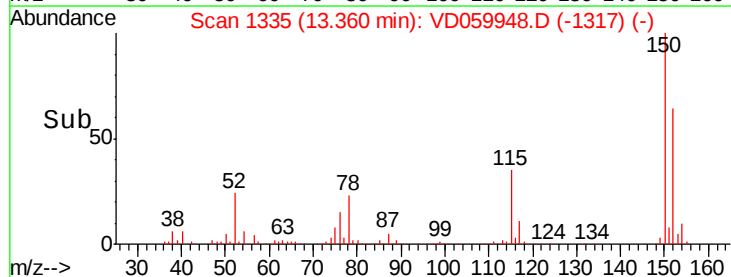
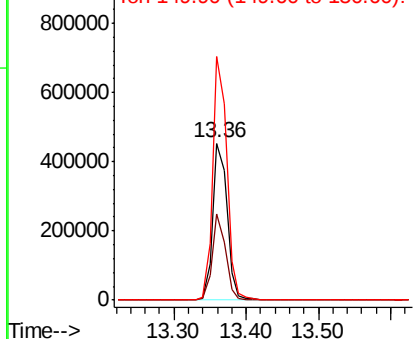


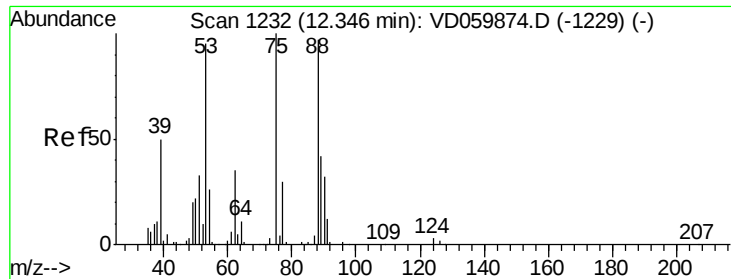
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059948.D
Acq: 4 Sep 2018 16:57

Tgt Ion:152 Resp: 616742
Ion Ratio Lower Upper
152 100
115 54.8 25.7 77.0
150 155.3 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





#81

trans-1,4-Dichloro-2-butene

Concen: 74.96 ug/l

RT: 12.42 min Scan# 1239

Delta R.T. 0.07 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-01

Tot Ion: 75 Resp: 223497

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 33.6 50.4#

