

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059955.D
 Acq On : 4 Sep 2018 20:17
 Operator : JC/SY
 Sample : J4724-09
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-08

Quant Time: Sep 05 03:55:05 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	1040679	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	1428344	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1189946	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	643289	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	375040	42.76	ug/l	-0.05
Spiked Amount				50.000		
Recovery						85.52%
35) Dibromofluoromethane	6.29	113	477140	42.61	ug/l	-0.05
Spiked Amount				50.000		
Recovery						85.22%
50) Toluene-d8	9.43	98	1238304	39.84	ug/l	-0.04
Spiked Amount				50.000		
Recovery						79.68%
62) 4-Bromofluorobenzene	12.42	95	496092	39.30	ug/l	-0.02
Spiked Amount				50.000		
Recovery						78.60%

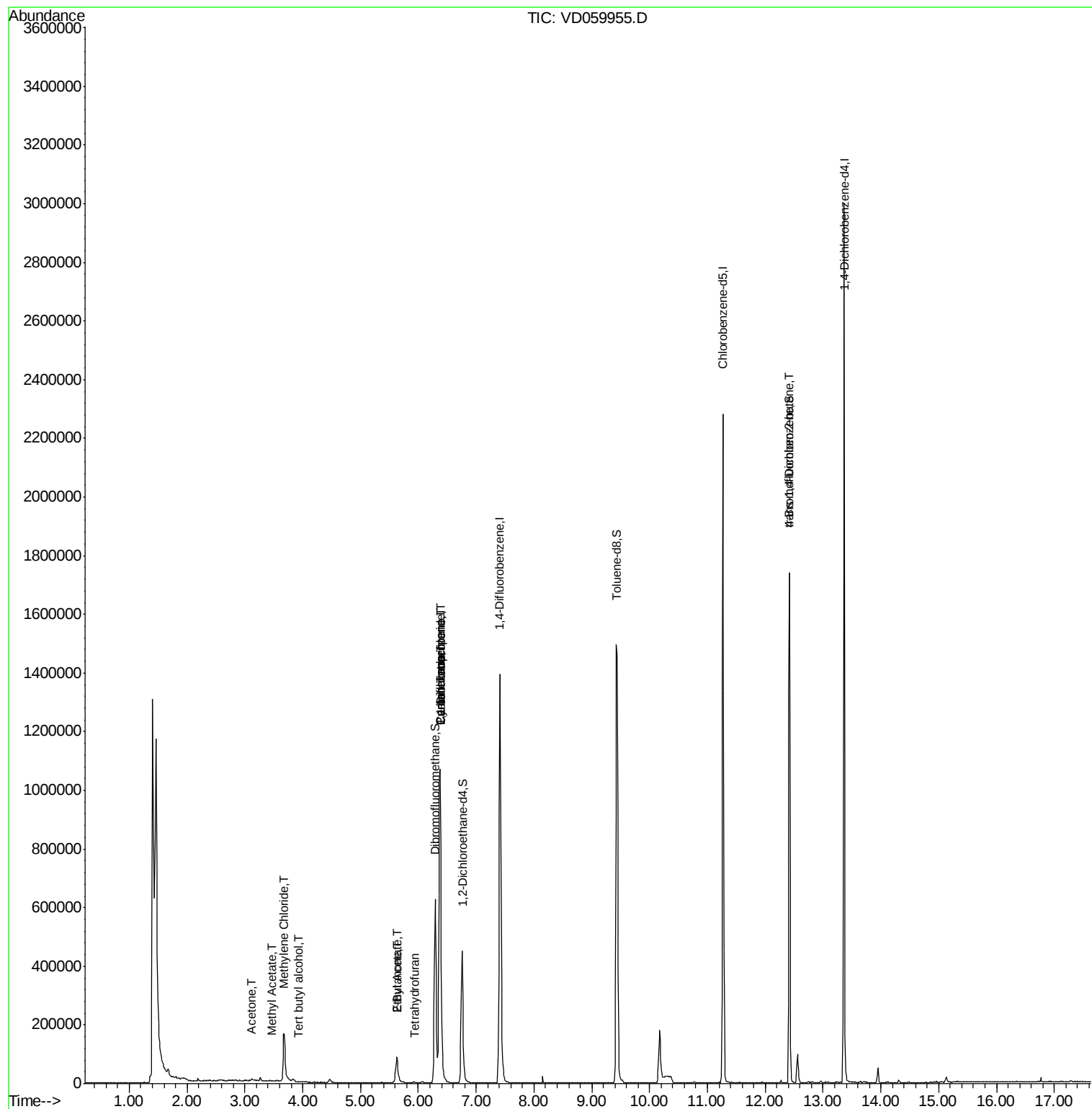
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.93	59	1081	1.62	ug/l #	75
16) Acetone	3.12	43	16673	10.43	ug/l	94
18) Methyl Acetate	3.46	43	5246	1.57	ug/l #	66
20) Methylene Chloride	3.68	84	87507	4.84	ug/l	92
25) 2-Butanone	5.63	43	10818	2.29	ug/l #	63
29) Tetrahydrofuran	5.93	42	2511	1.11	ug/l #	43
31) Cyclohexane	6.37	56	19642	1.18	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	76182	5.88	ug/l #	47
37) Ethyl Acetate	5.63	43	10818	1.07	ug/l #	17
38) Carbon Tetrachloride	6.38	117	82349	6.30	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.42	75	206084	66.26	ug/l #	12
89) n-Butylbenzene	13.64	91	1249	Below Cal	#	64

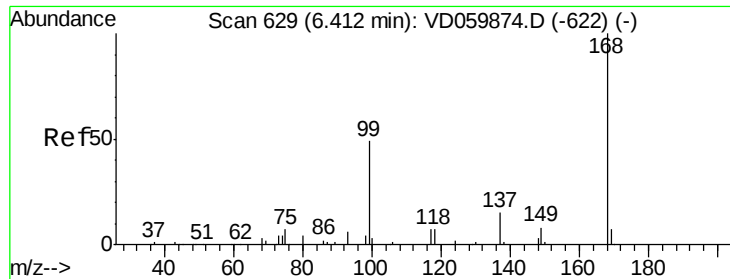
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090418\
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

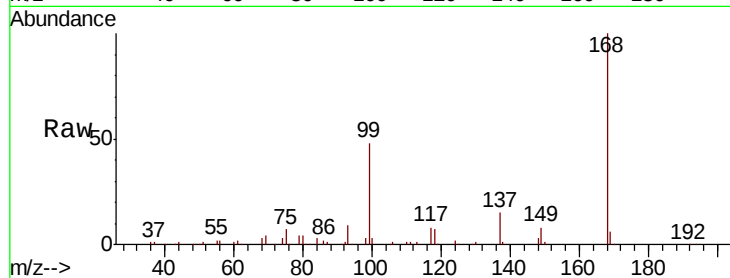
EP1-SUT-UST-08

Tot Ion:168 Resp: 1040679

Ion Ratio Lower Upper

168 100

99 47.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

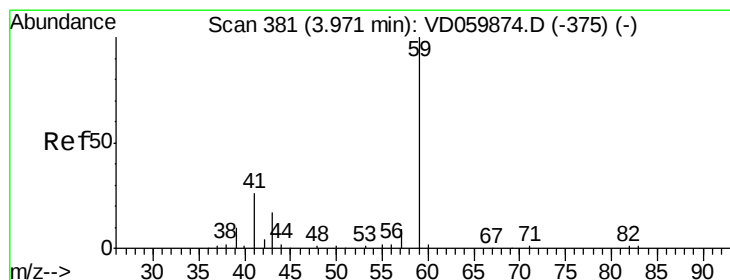
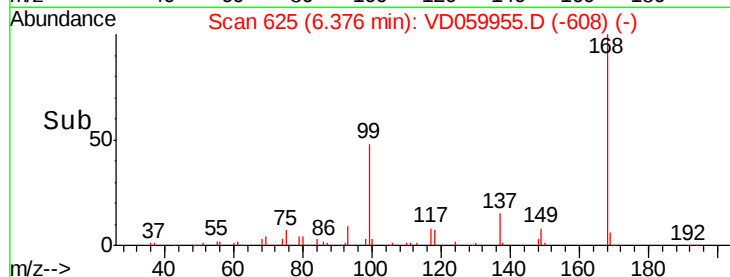
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.62 ug/l

RT: 3.93 min Scan# 376

Delta R.T. -0.05 min

Lab File: VD059955.D

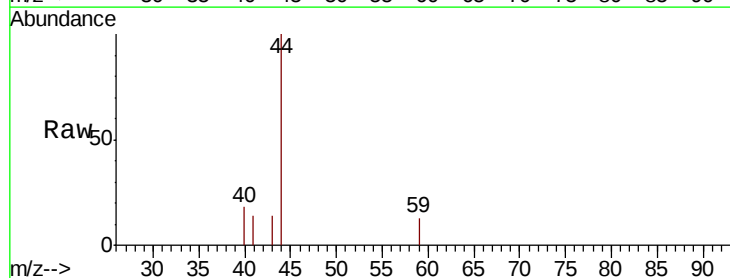
Acq: 4 Sep 2018 20:17

Tgt Ion: 59 Resp: 1081

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.93

600

500

400

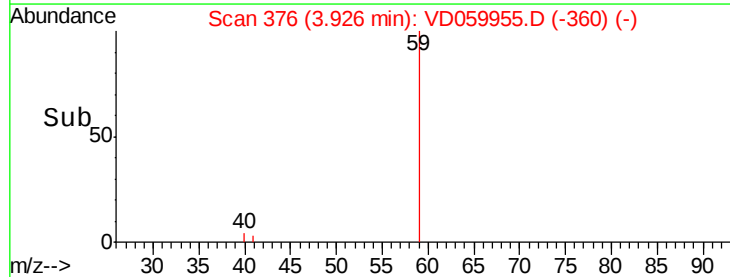
300

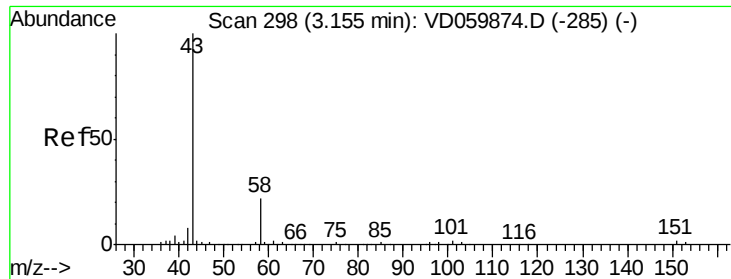
200

100

0

Time-->





#16

Acetone

Concen: 10.43 ug/l

RT: 3.12 min Scan# 294

Delta R.T. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

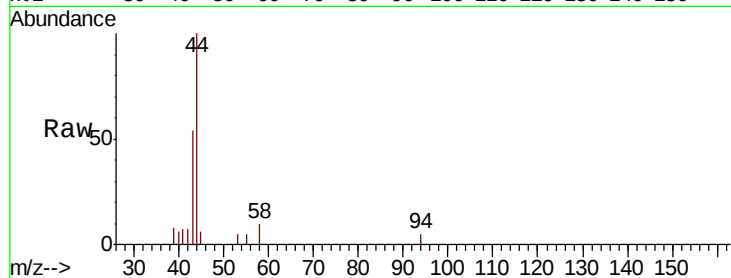
EP1-SUT-UST-08

Tot Ion: 43 Resp: 16673

Ion Ratio Lower Upper

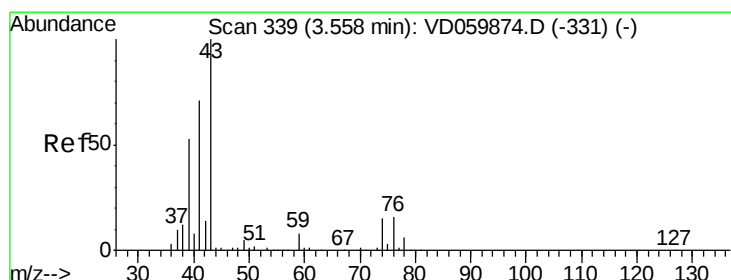
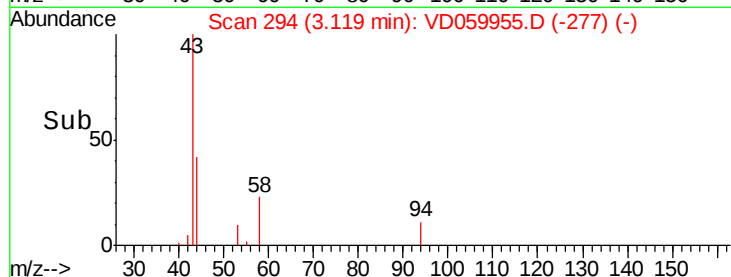
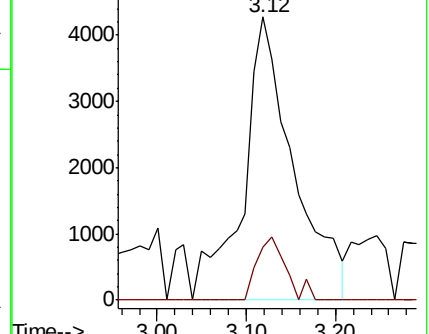
43 100

58 18.9 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.57 ug/l

RT: 3.46 min Scan# 329

Delta R.T. -0.09 min

Lab File: VD059955.D

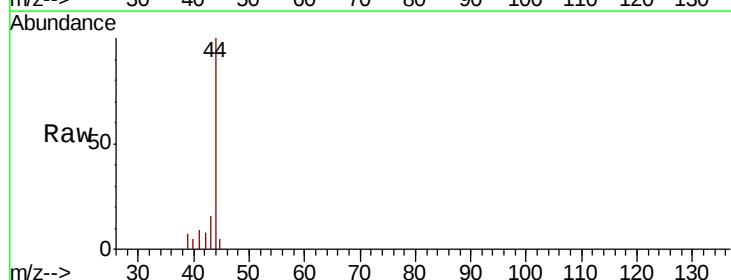
Acq: 4 Sep 2018 20:17

Tgt Ion: 43 Resp: 5246

Ion Ratio Lower Upper

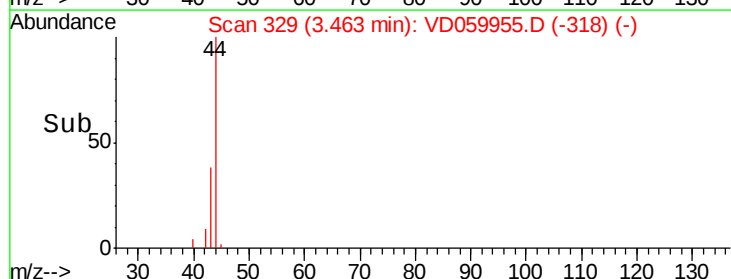
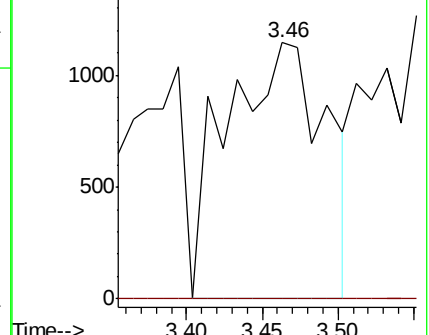
43 100

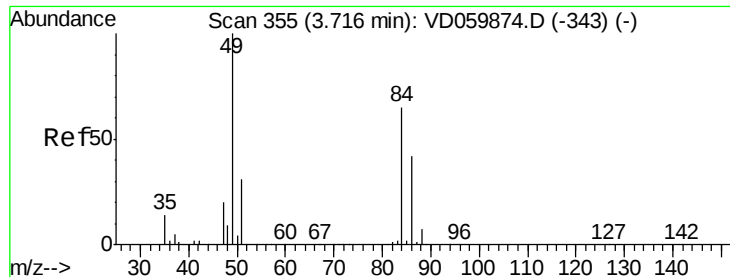
74 0.0 11.2 16.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

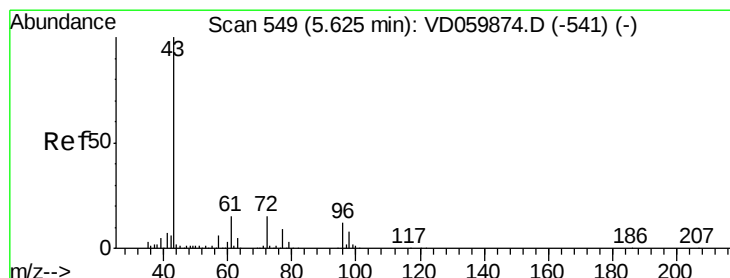
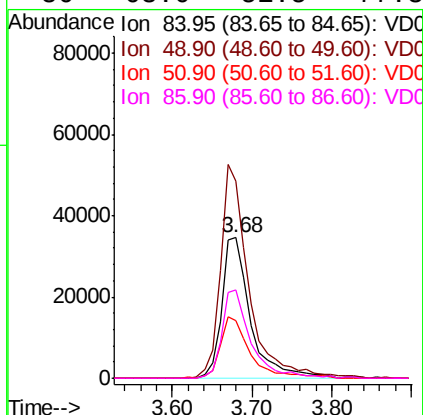
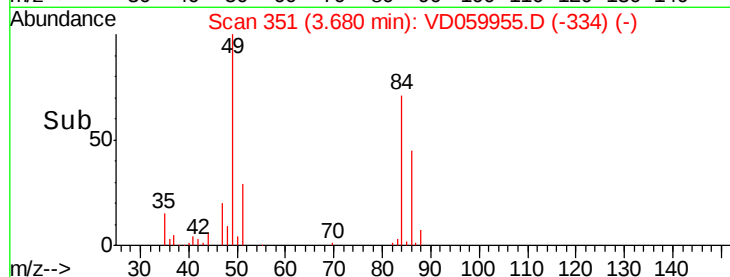
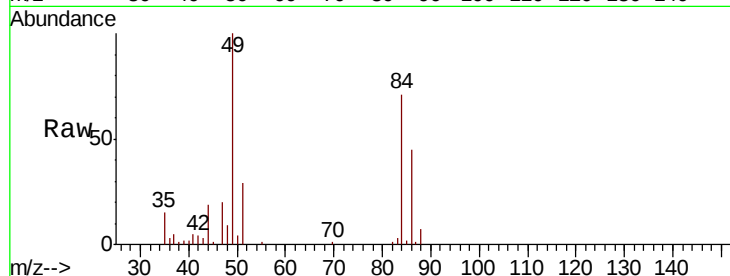




#20
Methvlene Chloride
Concen: 4.84 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

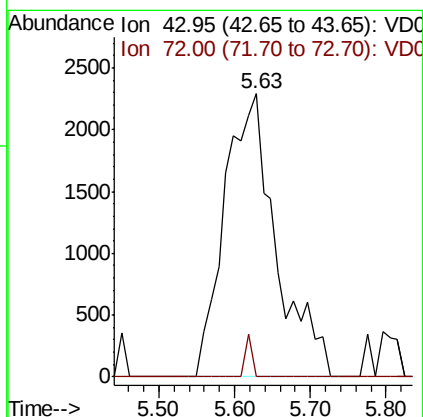
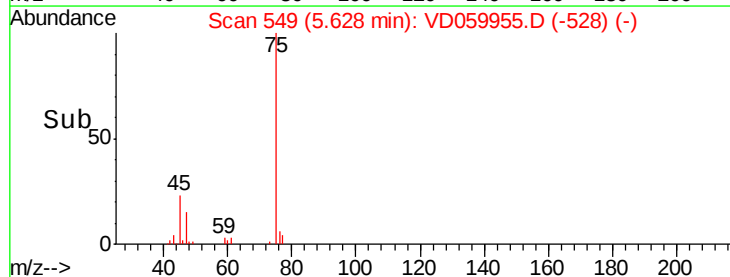
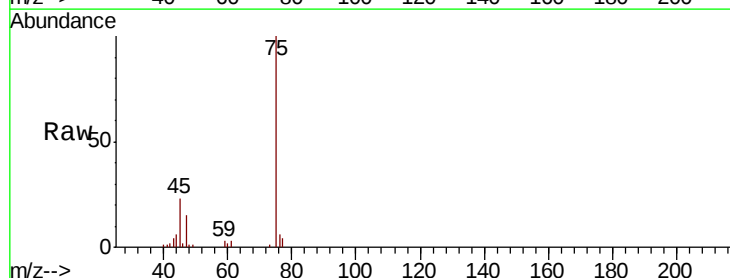
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-08

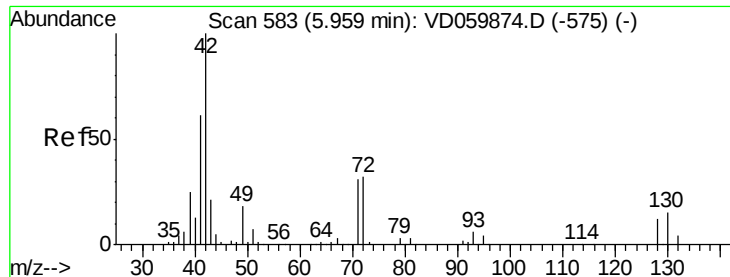
Tot Ion: 84 Resp: 87507
Ion Ratio Lower Upper
84 100
49 140.1 122.6 183.8
51 41.0 38.4 57.6
86 63.0 51.5 77.3



#25
2-Butanone
Concen: 2.29 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.00 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Tgt Ion: 43 Resp: 10818
Ion Ratio Lower Upper
43 100
72 0.0 12.3 18.5#





#29

Tetrahydrofuran

Concen: 1.11 ug/l

RT: 5.93 min Scan# 580

Delta R.T. -0.03 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-08

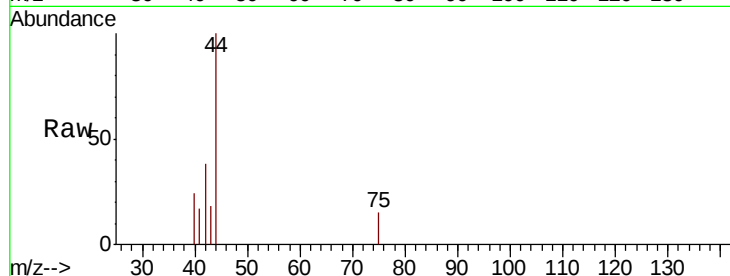
Tot Ion: 42 Resp: 2511

Ion Ratio Lower Upper

42 100

72 0.0 25.7 38.5#

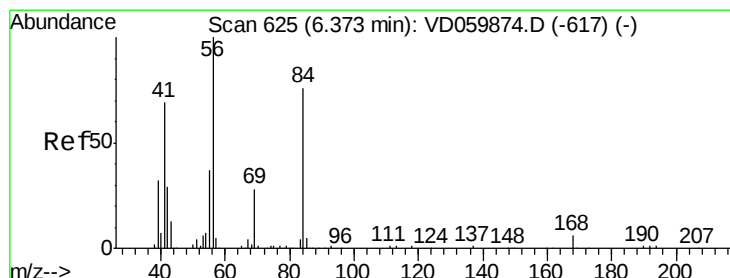
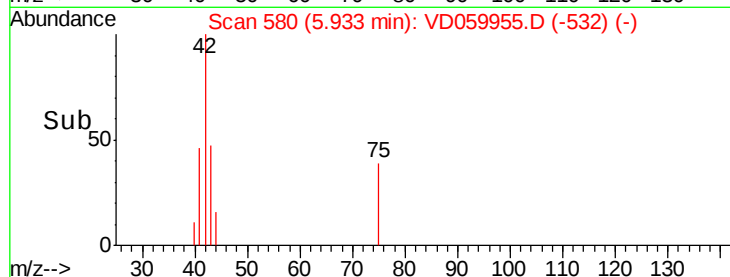
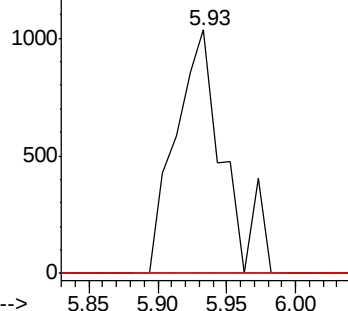
71 0.0 25.3 37.9#



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: 1.18 ug/l

RT: 6.37 min Scan# 624

Delta R.T. -0.01 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

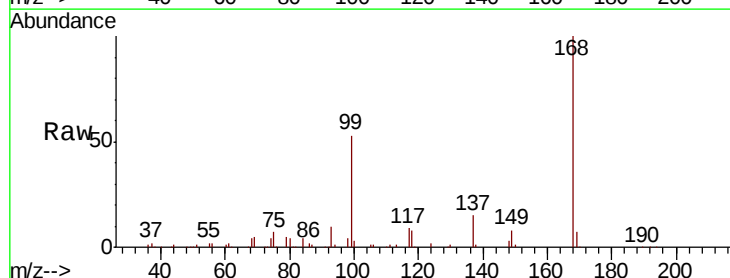
Tgt Ion: 56 Resp: 19642

Ion Ratio Lower Upper

56 100

69 235.4 22.4 33.6#

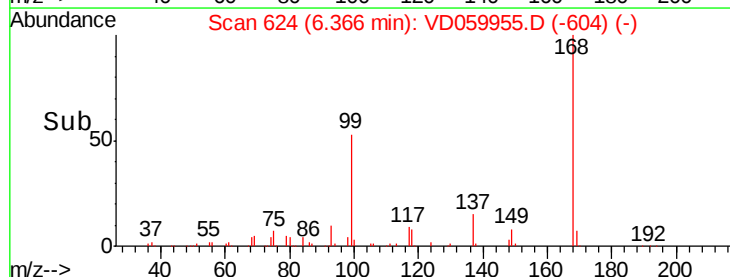
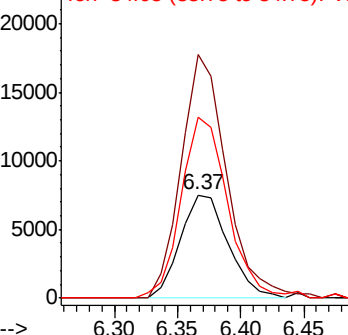
84 174.6 62.1 93.1#

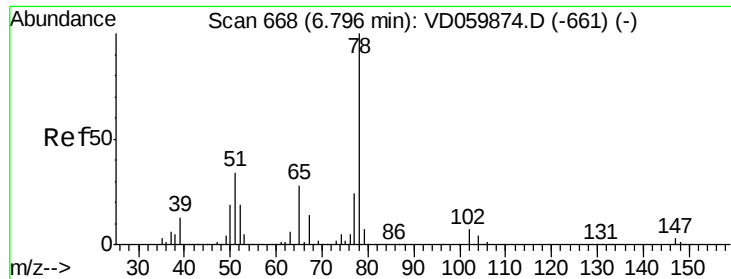


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 663

Delta R.T. -0.05 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

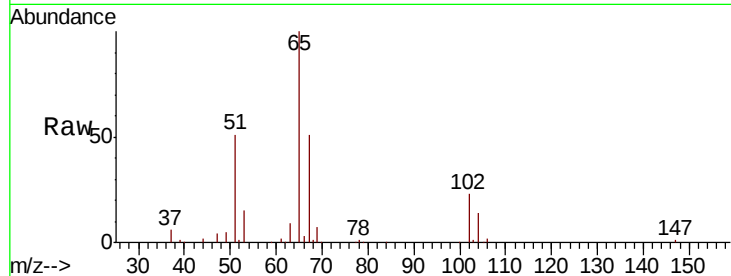
EP1-SUT-UST-08

Tot Ion: 65 Resp: 375040

Ion Ratio Lower Upper

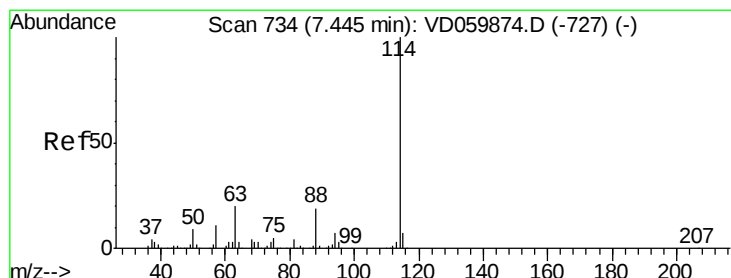
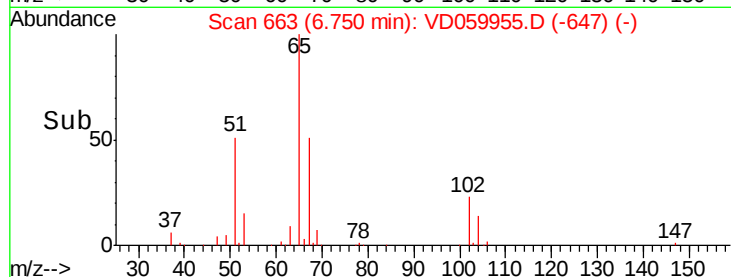
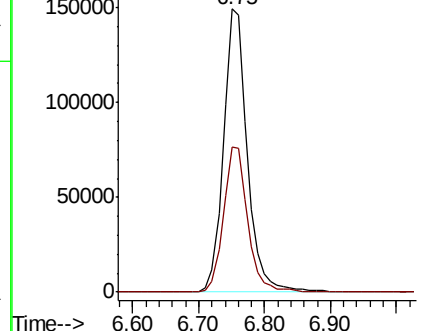
65 100

67 51.4 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.41 min Scan# 730

Delta R.T. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

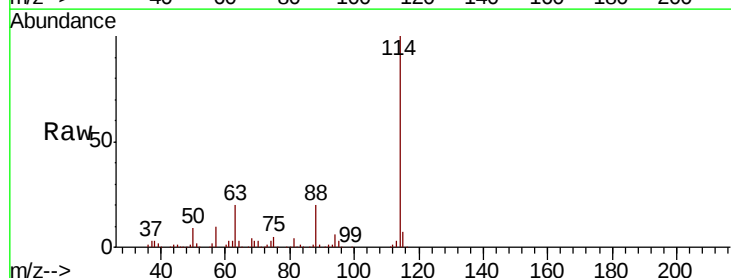
Tgt Ion:114 Resp: 1428344

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

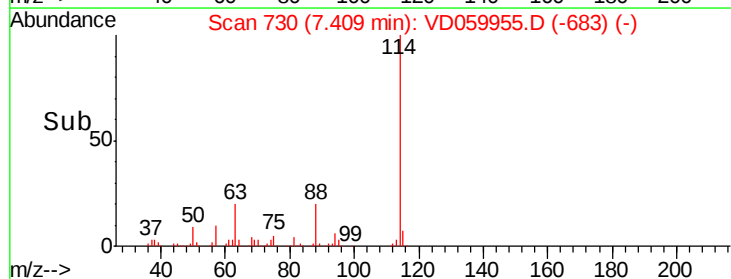
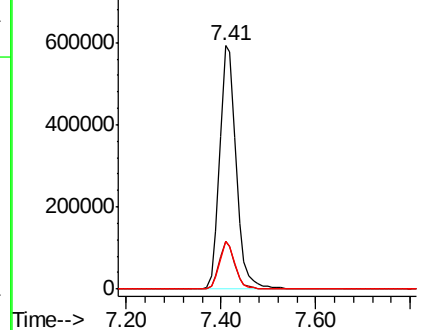
88 19.5 0.0 37.6

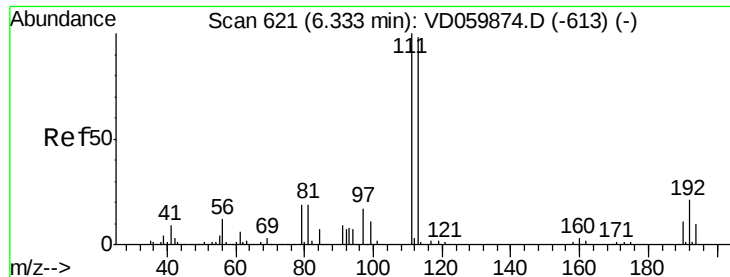


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

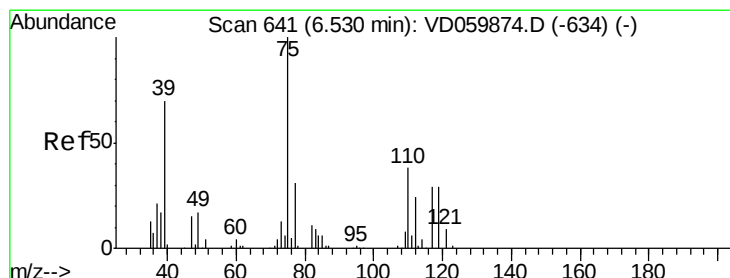
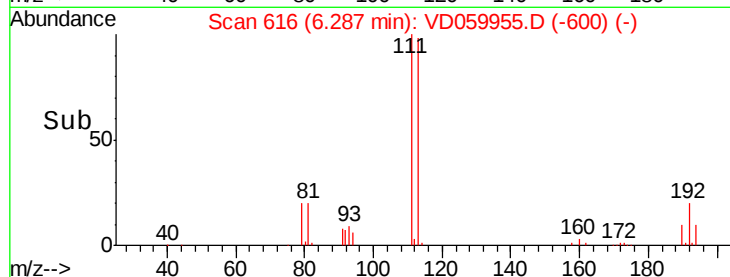
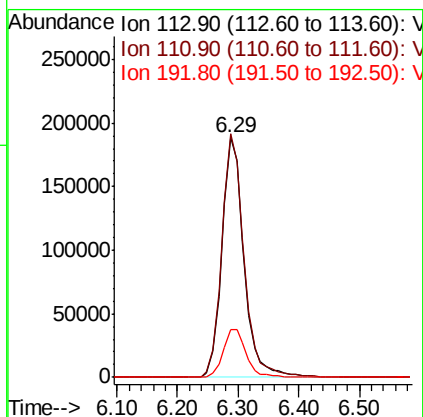
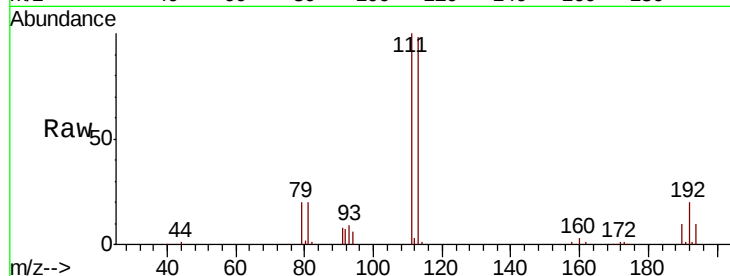




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: VD059955.D
 Acq: 4 Sep 2018 20:17

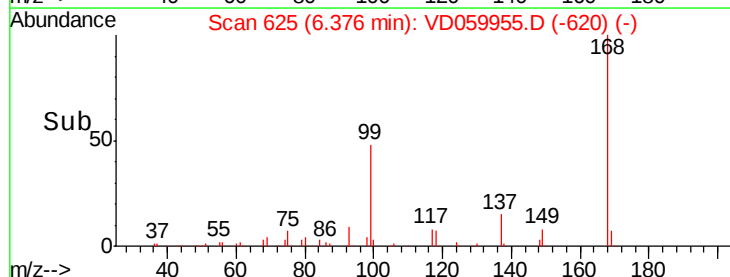
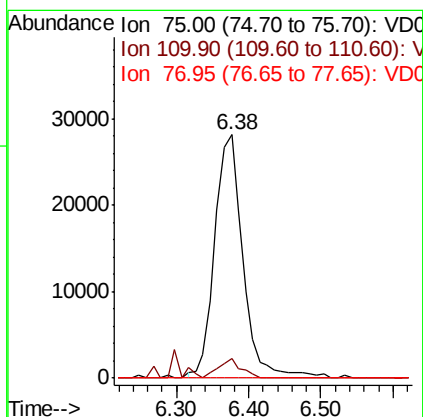
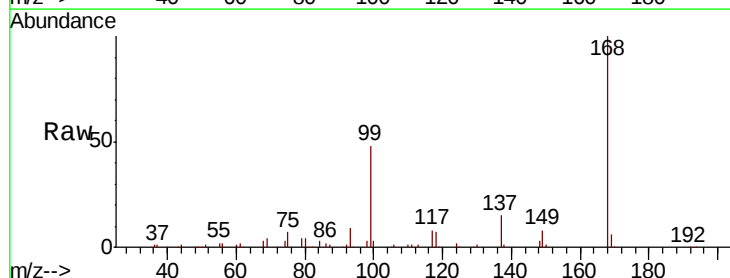
Instrument :
 MSVOA_D
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 EP1-SUT-UST-08

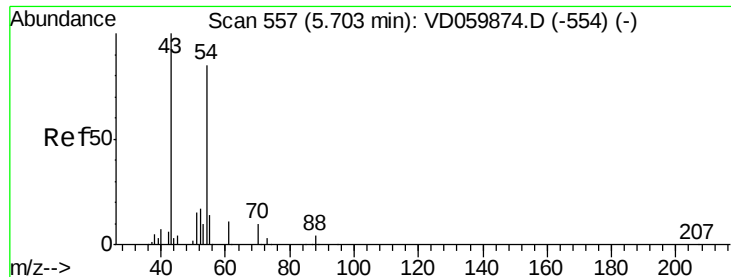
Tot Ion:113 Resp: 477140
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 19.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.88 ug/l
 RT: 6.38 min Scan# 625
 Delta R.T. -0.15 min
 Lab File: VD059955.D
 Acq: 4 Sep 2018 20:17

Tgt Ion: 75 Resp: 76182
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.6 56.0#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.07 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-08

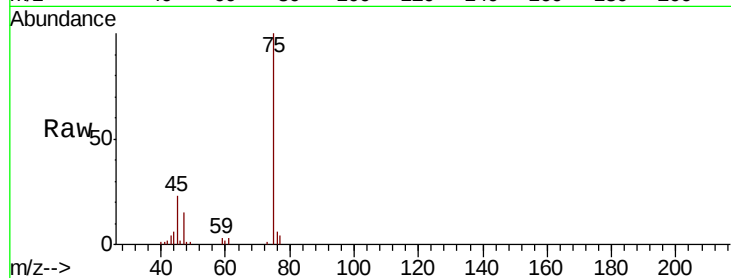
Tot Ion: 43 Resp: 10818

Ion Ratio Lower Upper

43 100

61 60.5 11.0 16.6#

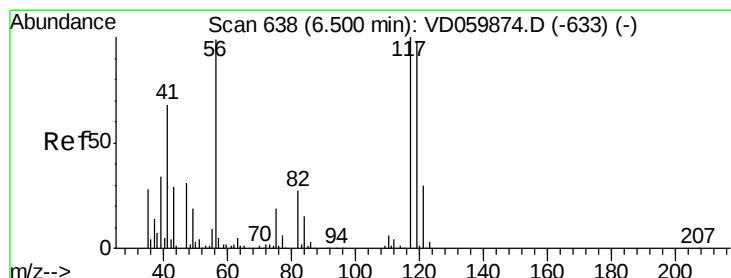
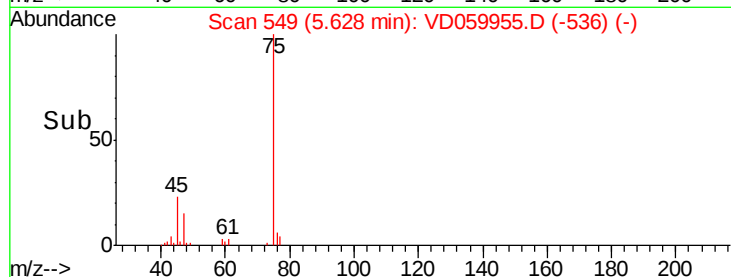
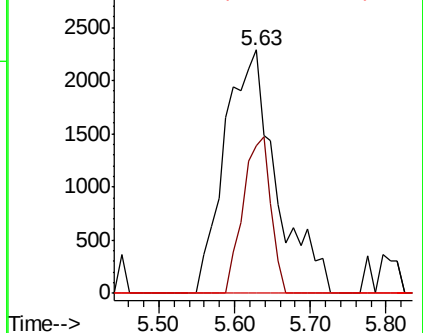
70 0.0 5.7 8.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.30 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.12 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

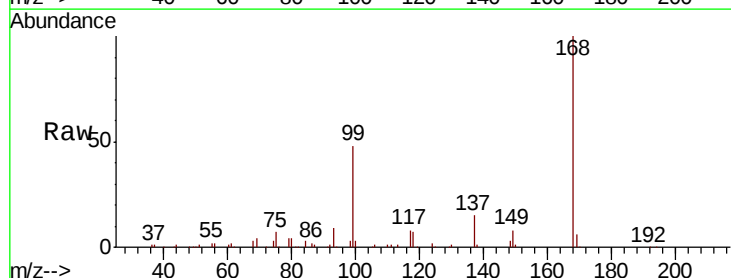
Tgt Ion: 117 Resp: 82349

Ion Ratio Lower Upper

117 100

119 5.2 77.2 115.8#

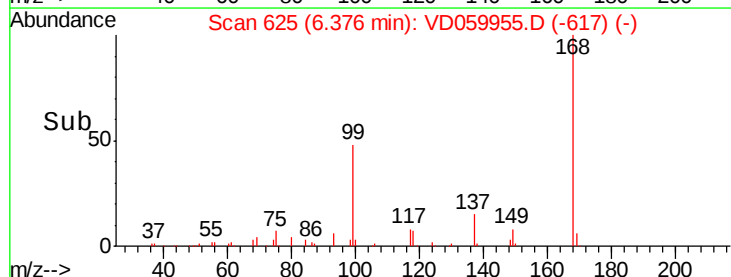
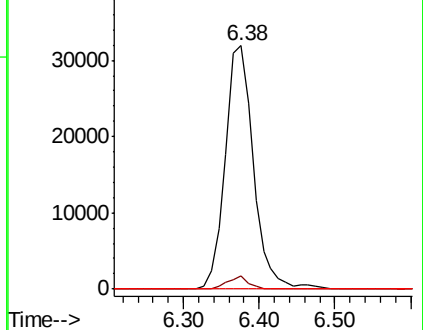
121 0.0 24.0 36.0#

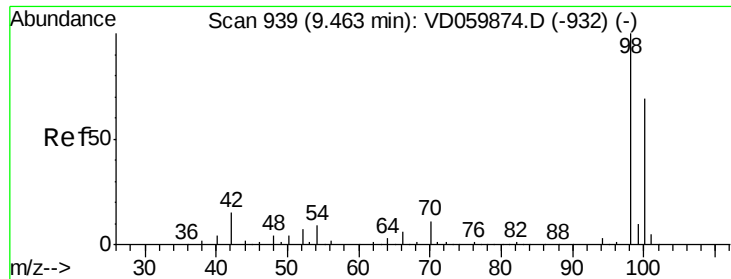


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

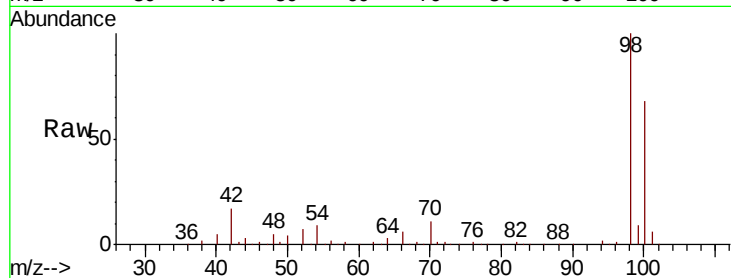




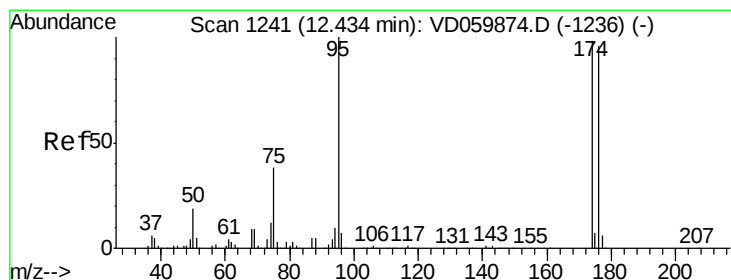
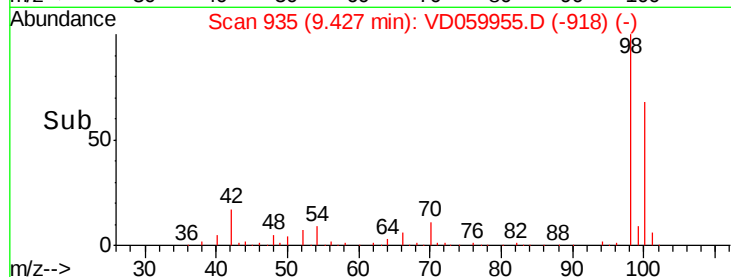
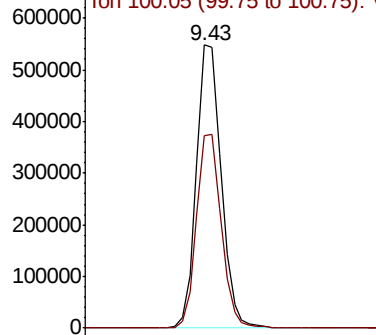
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 935
Delta R.T. -0.04 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-08

Tot Ion: 98 Resp: 1238304
Ion Ratio Lower Upper
98 100
100 68.2 55.8 83.6

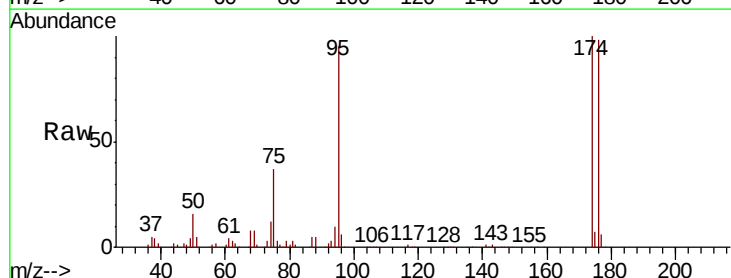


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

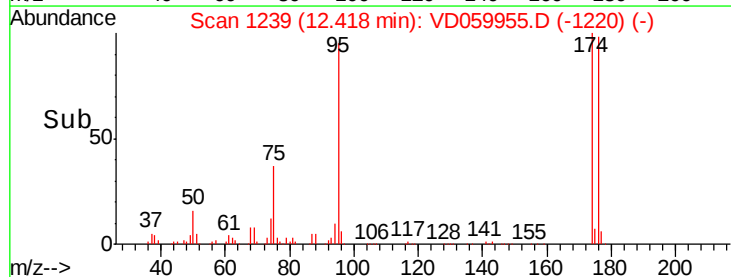
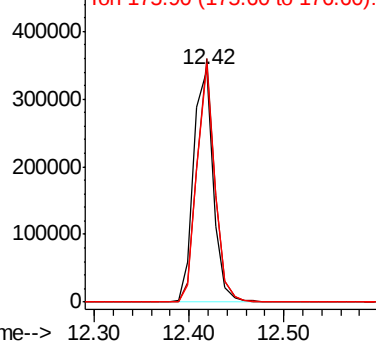


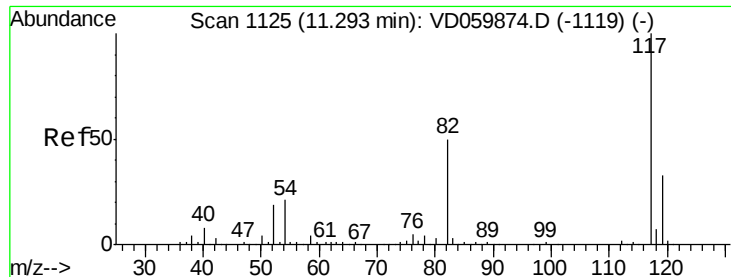
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Tgt Ion: 95 Resp: 496092
Ion Ratio Lower Upper
95 100
174 104.8 0.0 195.6
176 102.7 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

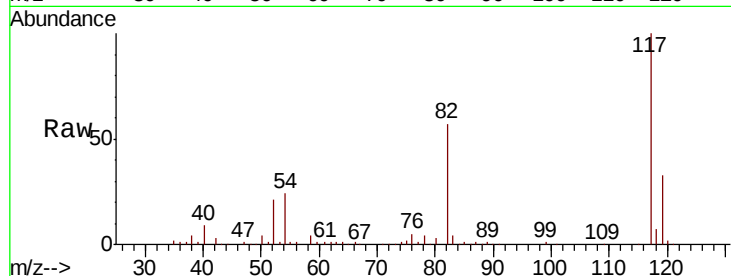




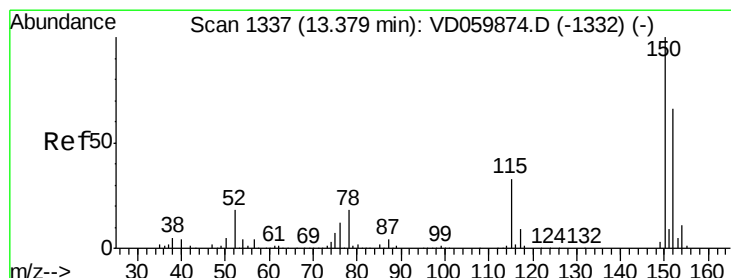
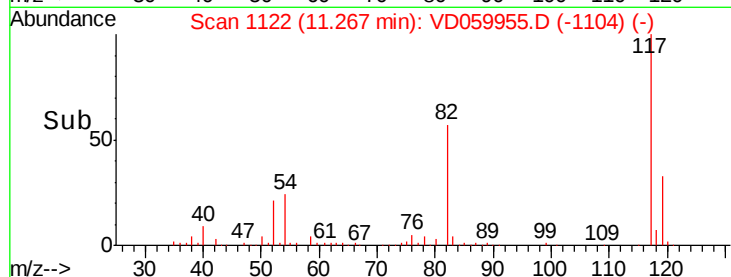
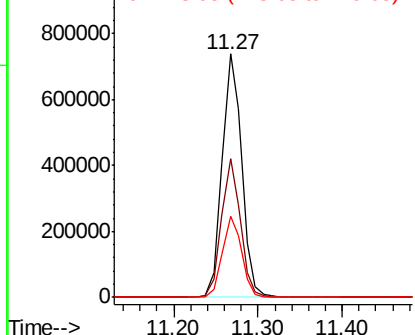
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-08

Tot Ion:117 Resp: 1189946
Ion Ratio Lower Upper
117 100
82 56.7 40.1 60.1
119 33.2 26.7 40.1

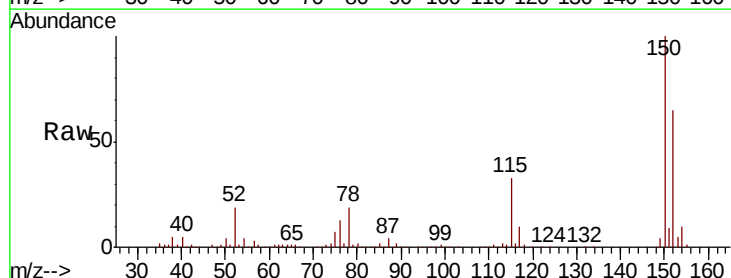


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

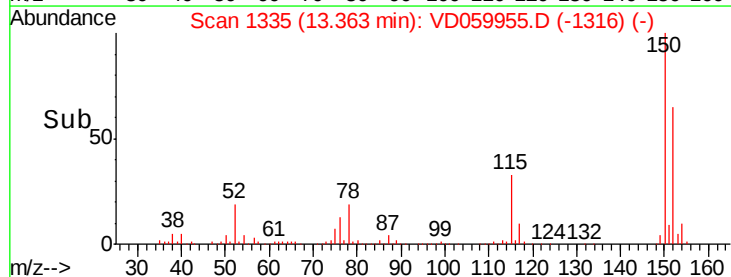
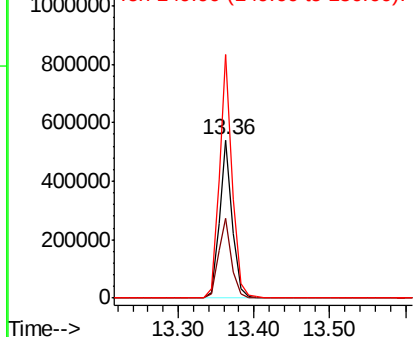


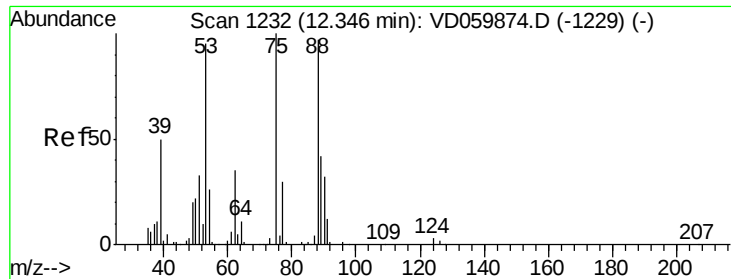
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Tgt Ion:152 Resp: 643289
Ion Ratio Lower Upper
152 100
115 50.8 25.7 77.0
150 154.0 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: 66.26 ug/l

RT: 12.42 min Scan# 1239

Delta R.T. 0.07 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-08

Tot Ion: 75 Resp: 206084

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 33.6 50.4#

