

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080719\
 Data File : VD063416.D
 Acq On : 7 Aug 2019 11:15
 Operator : JC/SY
 Sample : VD0807SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Quant Time: Aug 08 08:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1012830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1350392	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1129800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	591558	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	598697	53.27	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	6.93	113	673579	58.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	116.84%	
50) Toluene-d8	10.42	98	1433994	55.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.14%	
62) 4-Bromofluorobenzene	13.56	95	662430	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	

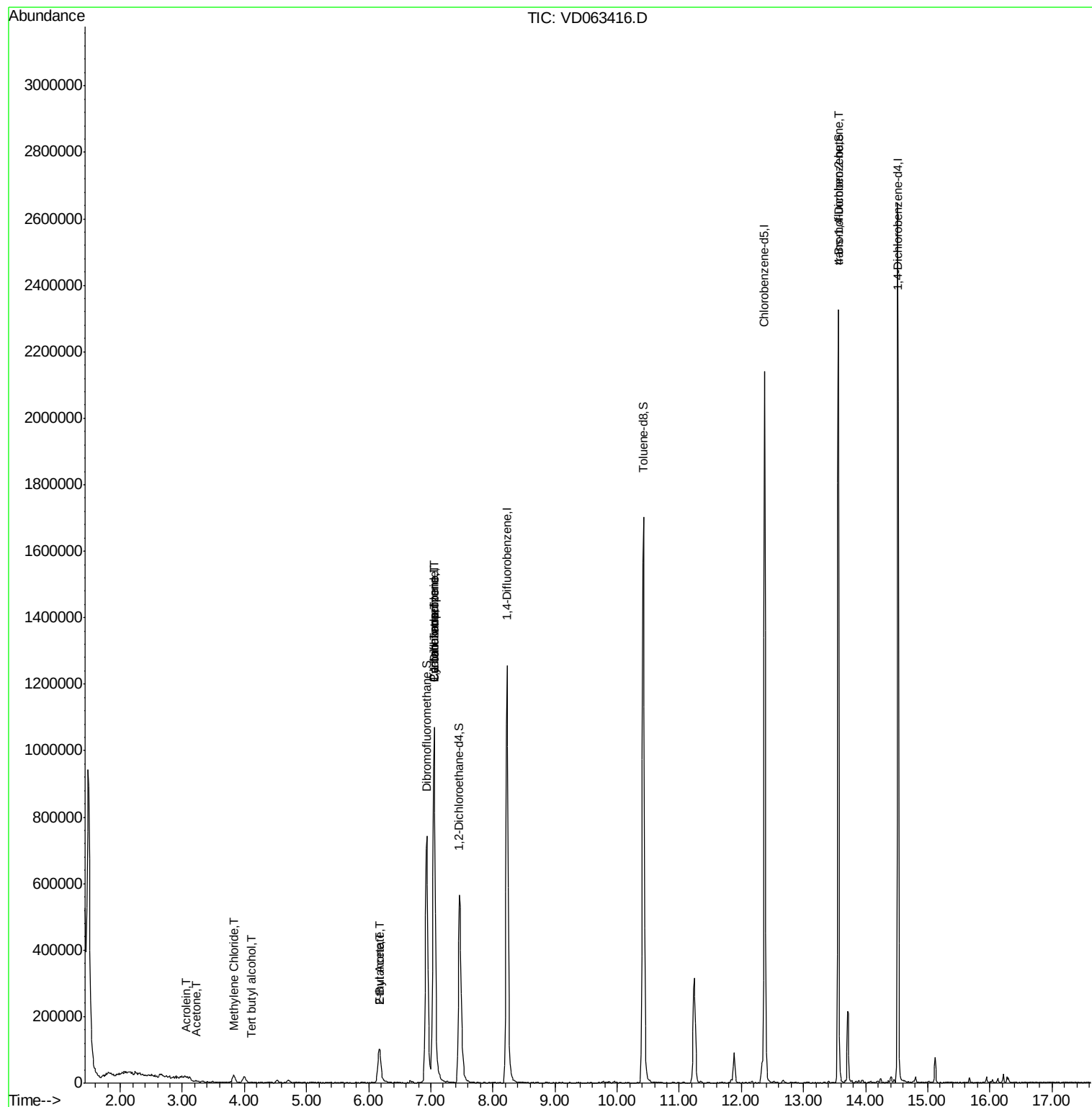
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.11	59	813	1.648	ug/l #	69
13) Acrolein	3.06	56	911	1.919	ug/l #	43
16) Acetone	3.22	43	6832	3.120	ug/l #	62
20) Methylene Chloride	3.83	84	12811	1.447	ug/l #	84
25) 2-Butanone	6.18	43	8011	3.645	ug/l #	56
31) Cyclohexane	7.06	56	23249	2.322	ug/l #	11
36) 1,1-Dichloropropene	7.06	75	76893	6.239	ug/l #	54
37) Ethyl Acetate	6.18	43	8652	1.563	ug/l #	1
38) Carbon Tetrachloride	7.06	117	101243	5.457	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	303494	153.822	ug/l #	3

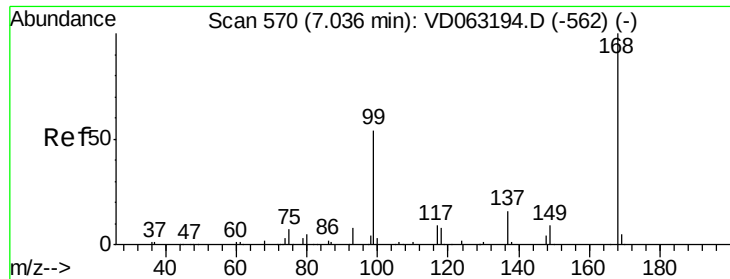
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080719\
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ClientSampleId :
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Quant Time: Aug 08 08:04:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

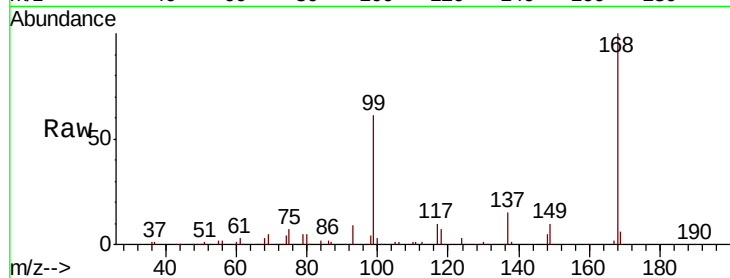
VD0807SBL01

Tgt Ion:168 Resp: 1012830

Ion Ratio Lower Upper

168 100

99 60.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

400000

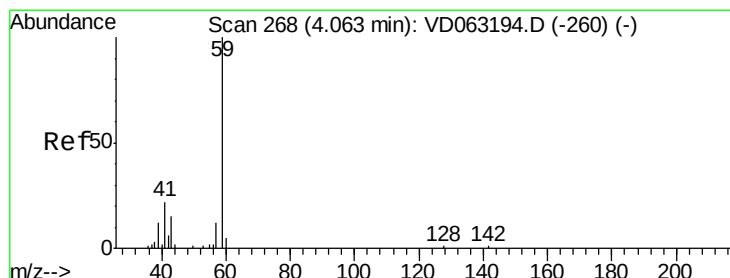
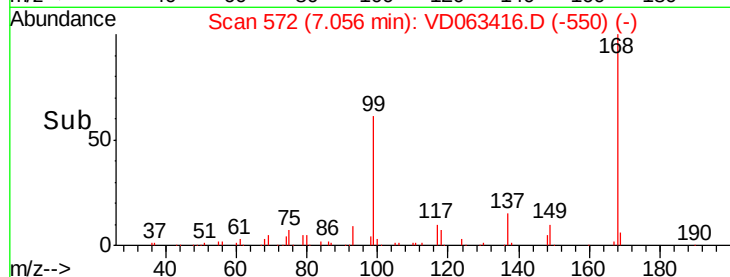
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.648 ug/l

RT: 4.11 min Scan# 273

Delta R.T. 0.05 min

Lab File: VD063416.D

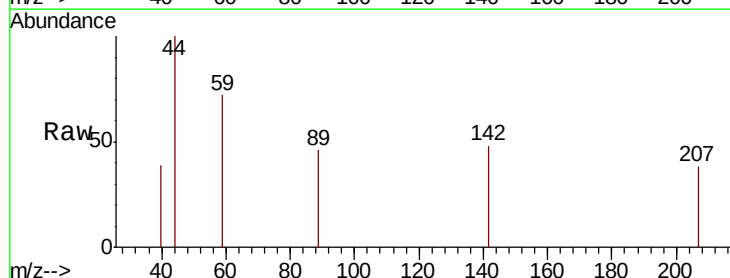
Acq: 7 Aug 2019 11:15

Tgt Ion: 59 Resp: 813

Ion Ratio Lower Upper

59 100

57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.11

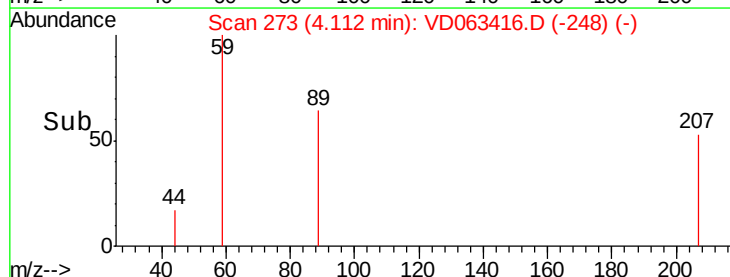
600

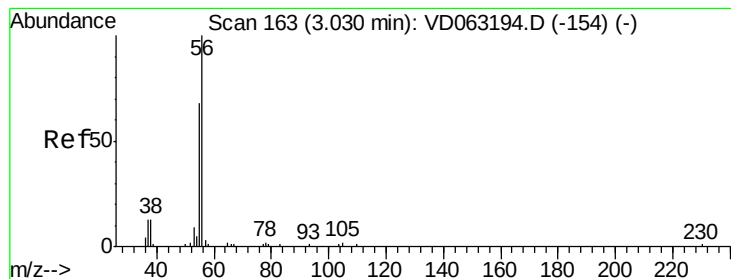
400

200

0

Time-->





#13

Acrolein

Concen: 1.919 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.03 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

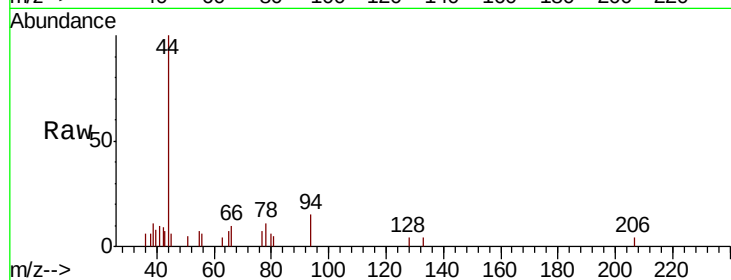
VD0807SBL01

Tgt Ion: 56 Resp: 911

Ion Ratio Lower Upper

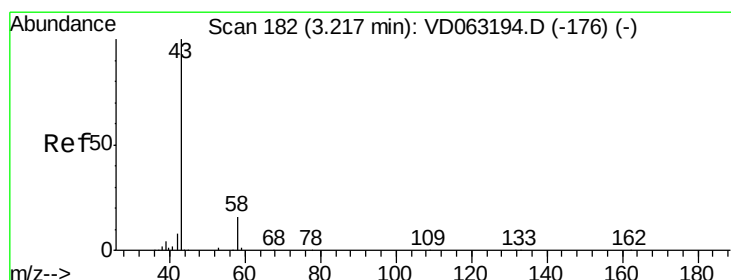
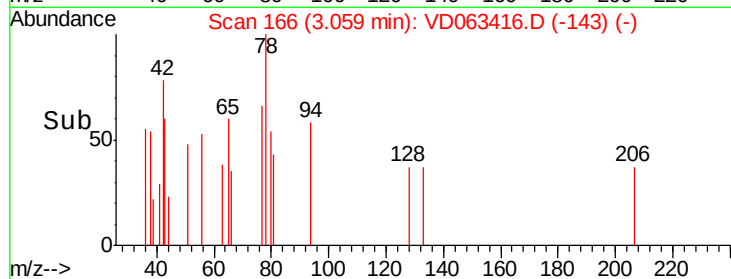
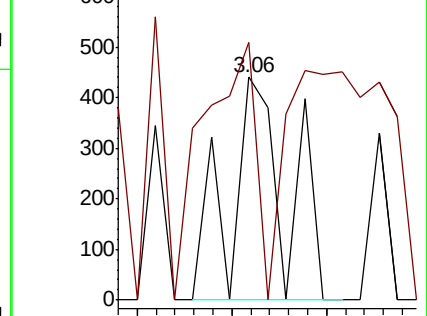
56 100

55 115.5 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 3.120 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063416.D

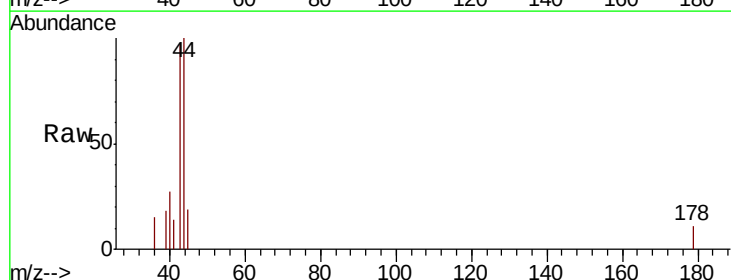
Acq: 7 Aug 2019 11:15

Tgt Ion: 43 Resp: 6832

Ion Ratio Lower Upper

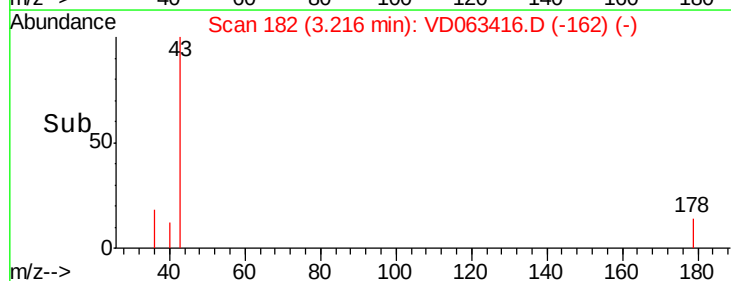
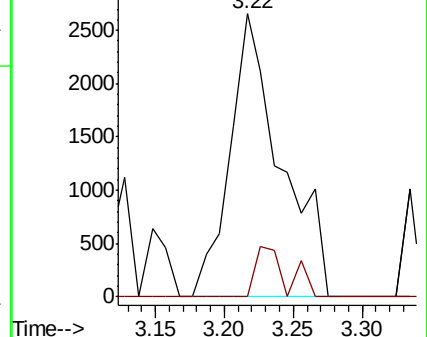
43 100

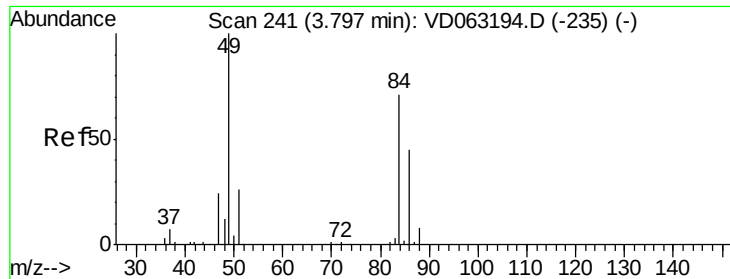
58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

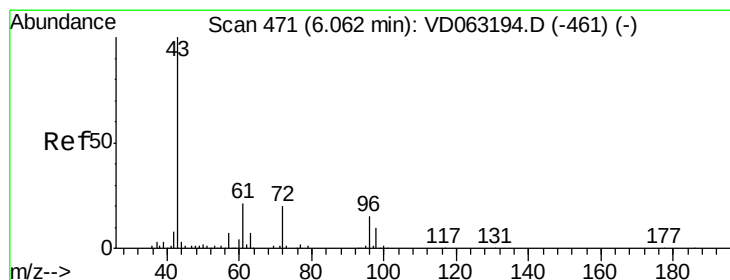
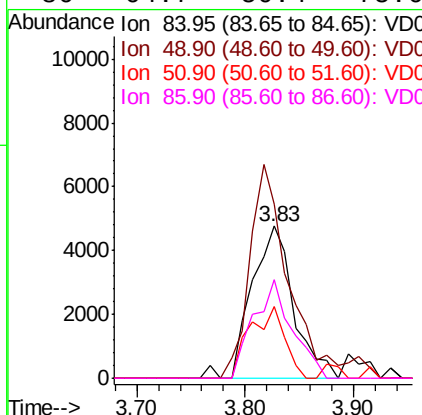
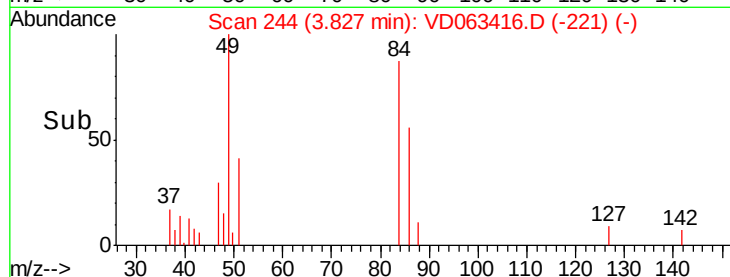
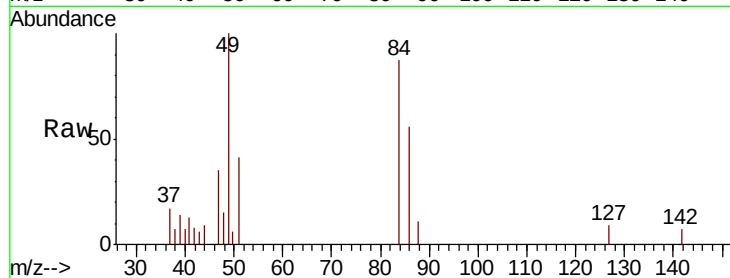




#20
Methylene Chloride
Concen: 1.447 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

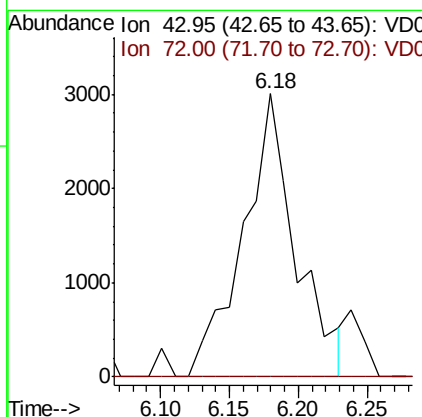
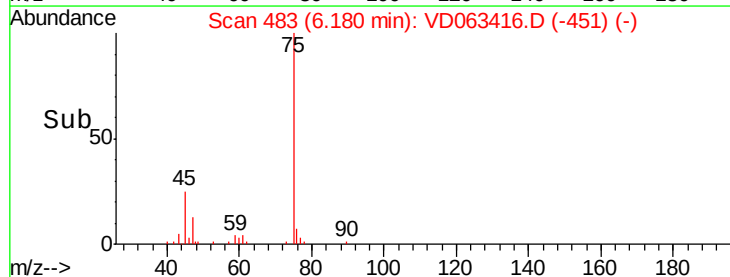
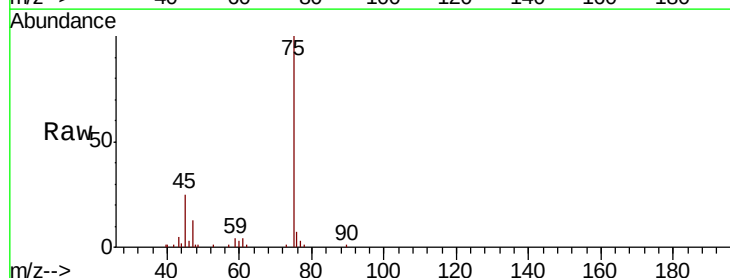
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

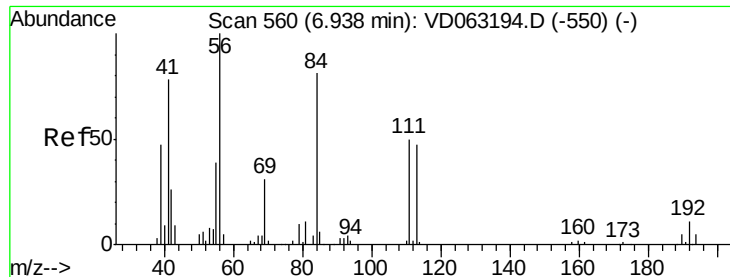
Tgt Ion: 84 Resp: 12811
Ion Ratio Lower Upper
84 100
49 114.6 112.5 168.7
51 47.3 29.6 44.4#
86 64.7 50.4 75.6



#25
2-Butanone
Concen: 3.645 ug/l
RT: 6.18 min Scan# 483
Delta R.T. 0.12 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Tgt Ion: 43 Resp: 8011
Ion Ratio Lower Upper
43 100
72 0.0 16.3 24.5#

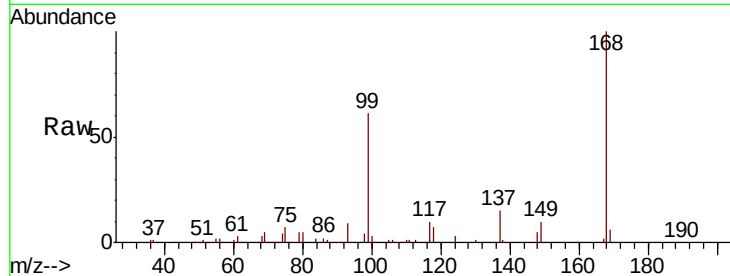




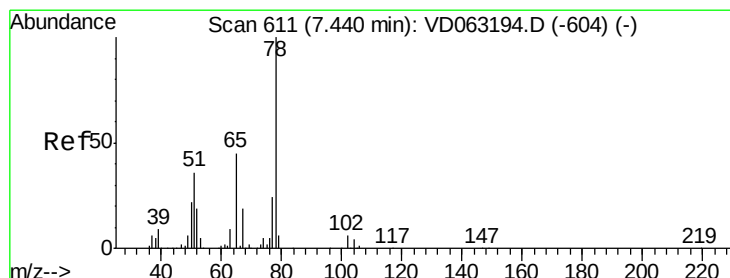
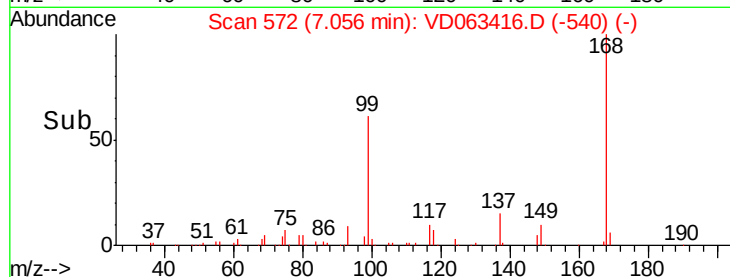
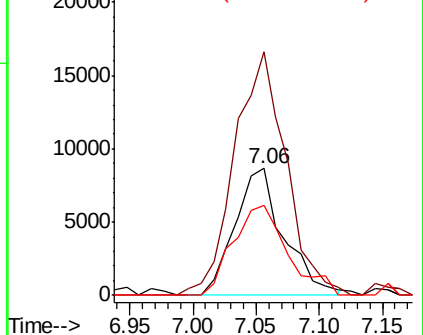
#31
Cyclohexane
Concen: 2.322 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

Tgt Ion: 56 Resp: 23249
Ion Ratio Lower Upper
56 100
69 191.6 24.5 36.7#
84 70.4 64.9 97.3

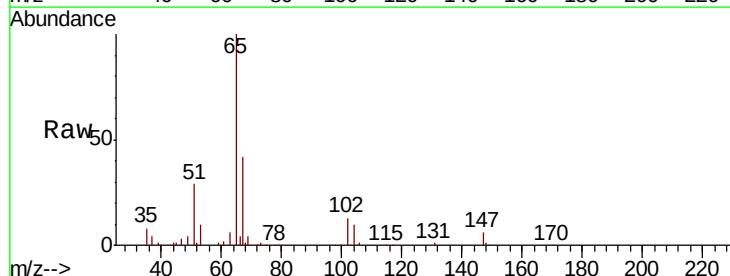


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

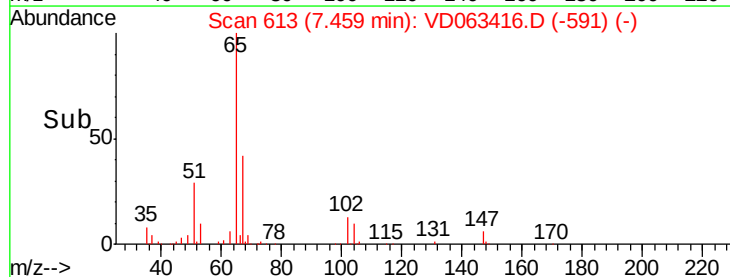
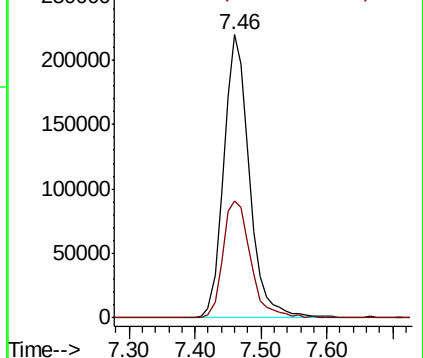


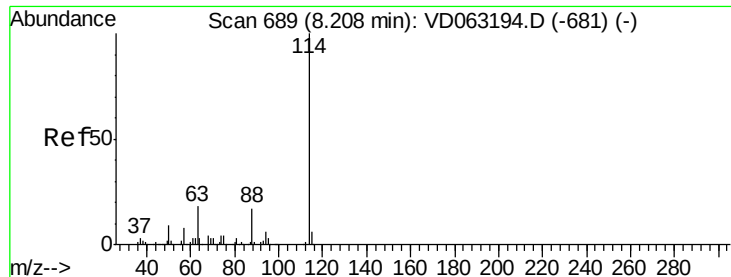
#33
1,2-Dichloroethane-d4
Concen: 53.273 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Tgt Ion: 65 Resp: 598697
Ion Ratio Lower Upper
65 100
67 41.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

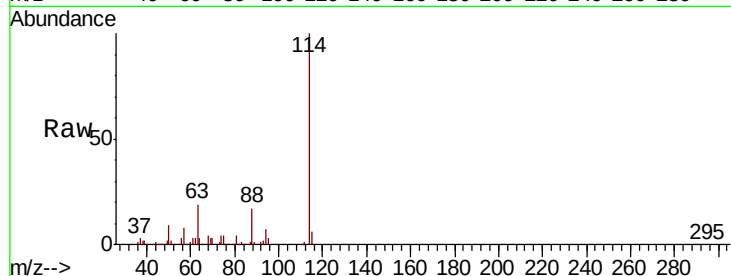
Tgt Ion:114 Resp: 1350392

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.2

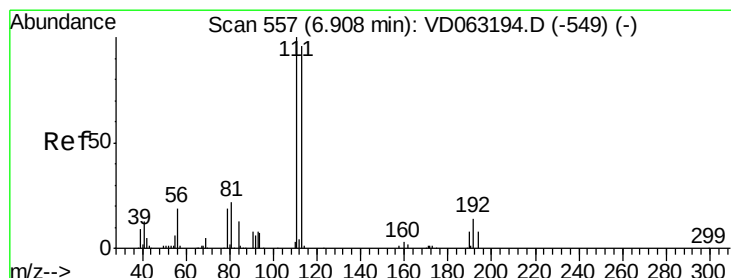
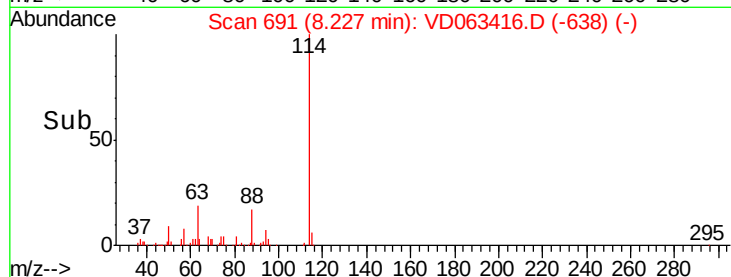
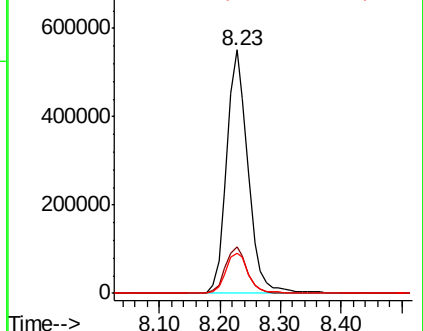
88 16.7 0.0 34.6



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



#35

Dibromofluoromethane

Concen: 58.422 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

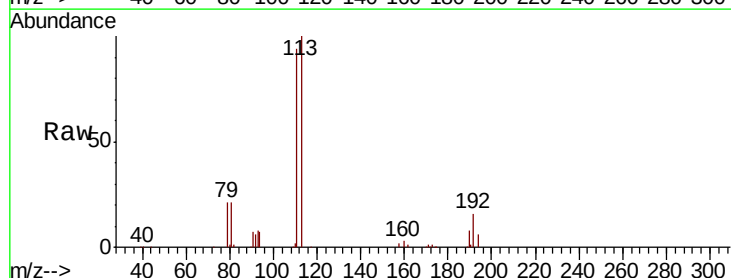
Tgt Ion:113 Resp: 673579

Ion Ratio Lower Upper

113 100

111 94.0 83.2 124.8

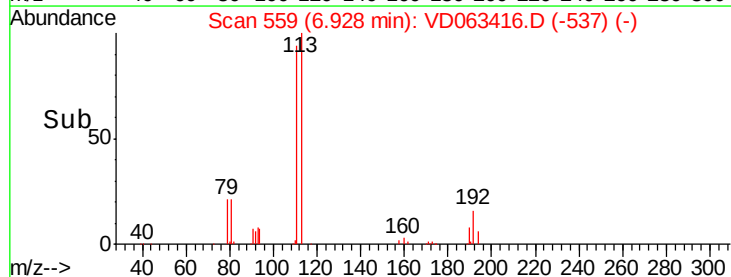
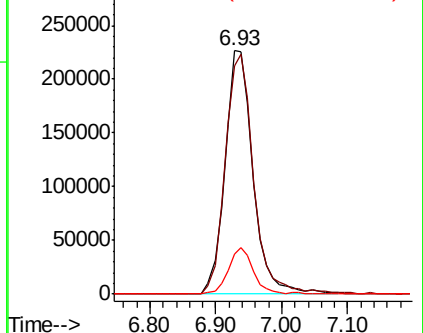
192 16.3 11.8 17.8

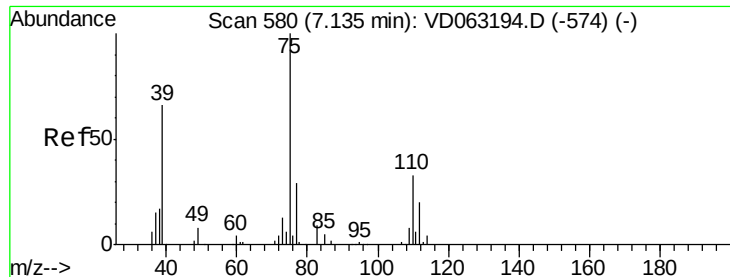


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

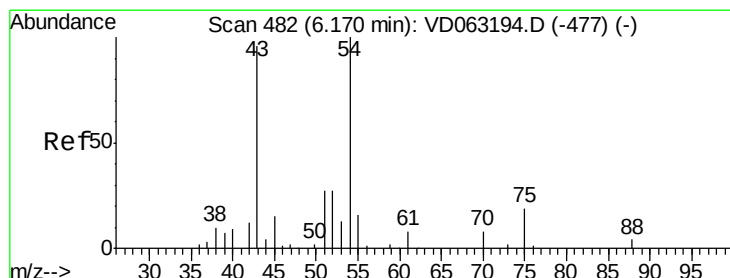
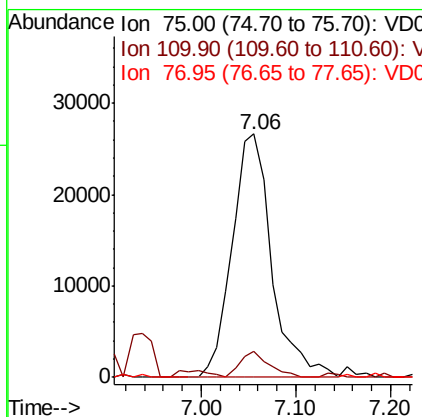
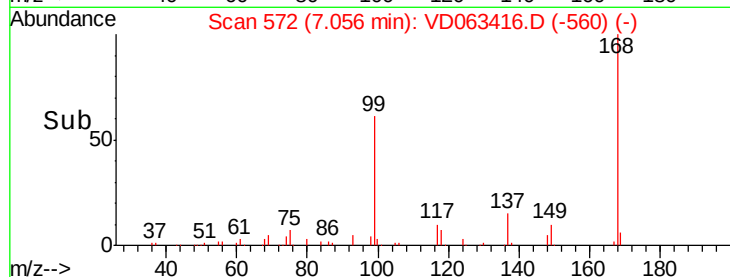
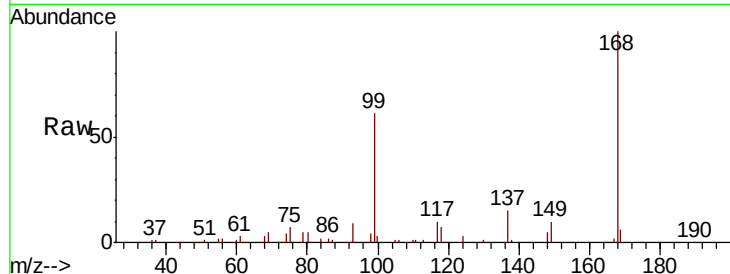




#36
 1,1-Dichloropropene
 Concen: 6.239 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: VD063416.D
 Acq: 7 Aug 2019 11:15

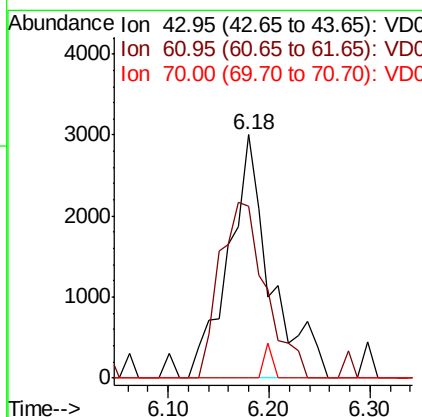
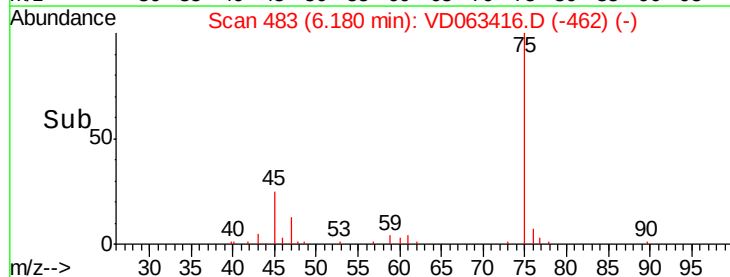
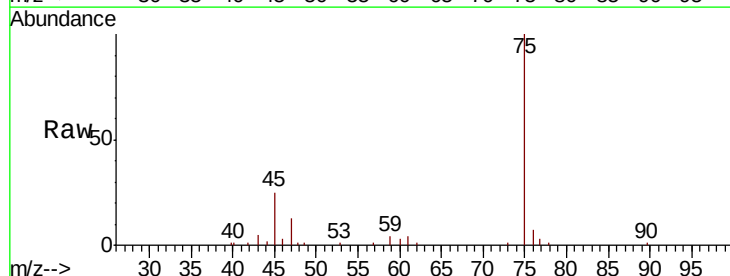
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

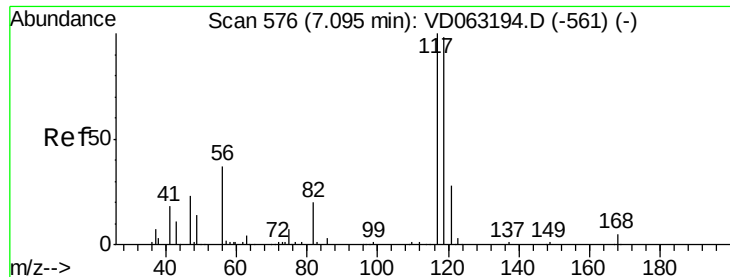
Tgt Ion: 75 Resp: 76893
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.1 48.2#
 77 0.0 22.7 34.1#



#37
 Ethyl Acetate
 Concen: 1.563 ug/l
 RT: 6.18 min Scan# 483
 Delta R.T. 0.01 min
 Lab File: VD063416.D
 Acq: 7 Aug 2019 11:15

Tgt Ion: 43 Resp: 8652
 Ion Ratio Lower Upper
 43 100
 61 70.4 11.3 16.9#
 70 0.0 5.1 7.7#





#38

Carbon Tetrachloride

Concen: 5.457 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

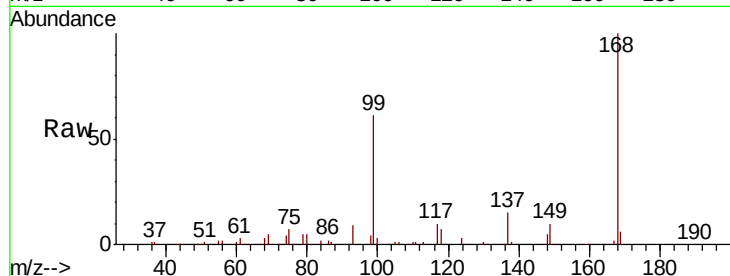
Tgt Ion:117 Resp: 101243

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

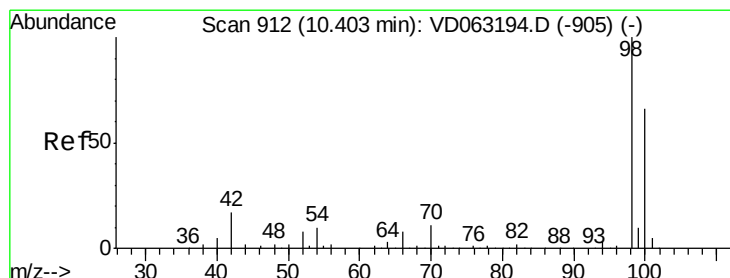
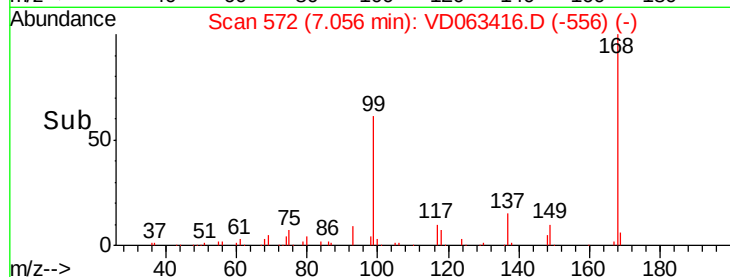
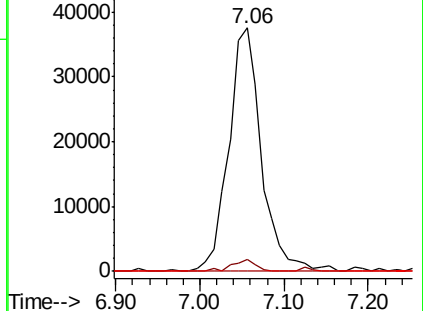
121 0.0 22.1 33.1#



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: 55.575 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063416.D

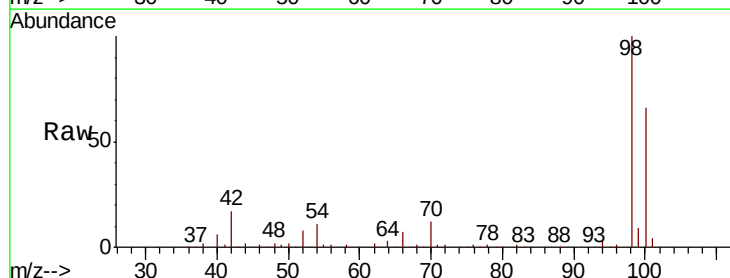
Acq: 7 Aug 2019 11:15

Tgt Ion: 98 Resp: 1433994

Ion Ratio Lower Upper

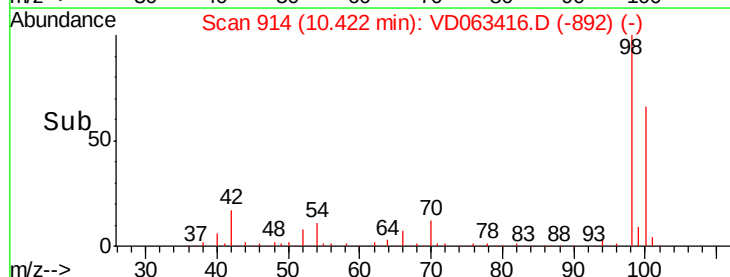
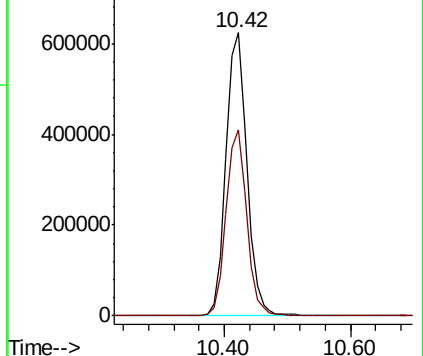
98 100

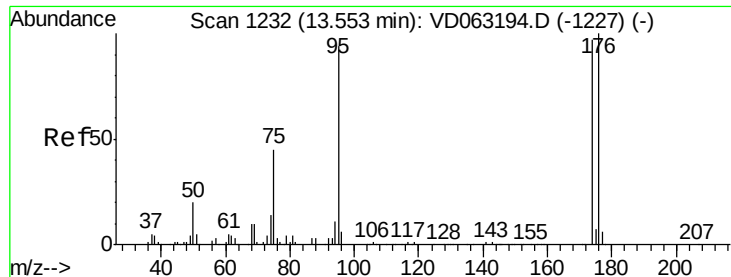
100 65.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

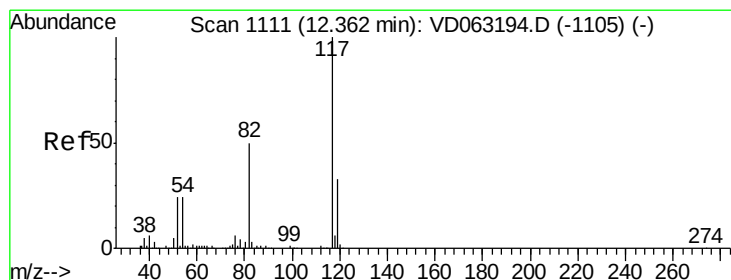
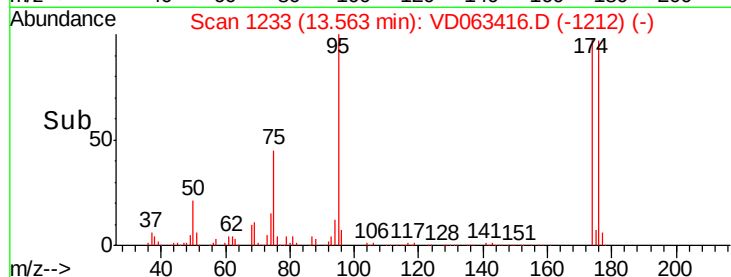
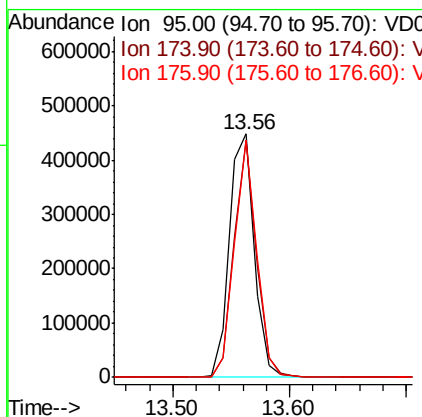
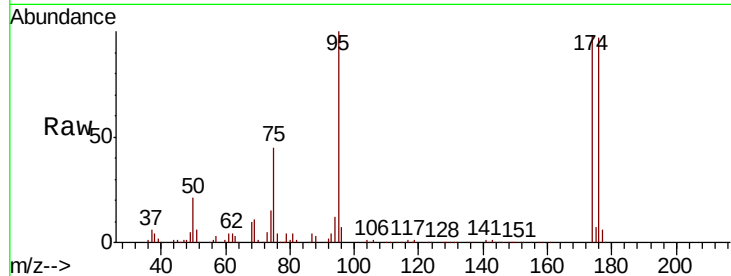




#62
4-Bromofluorobenzene
Concen: 56.337 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

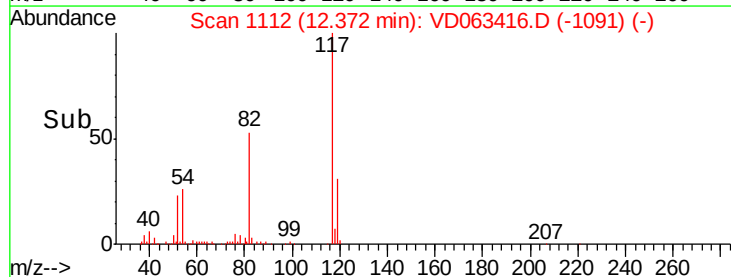
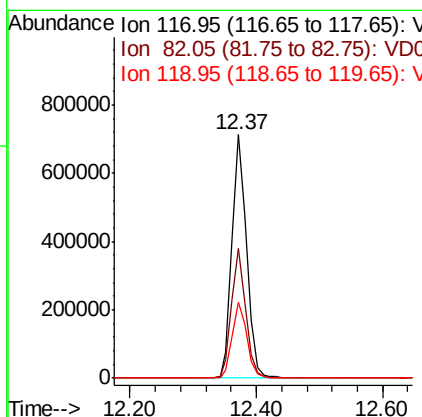
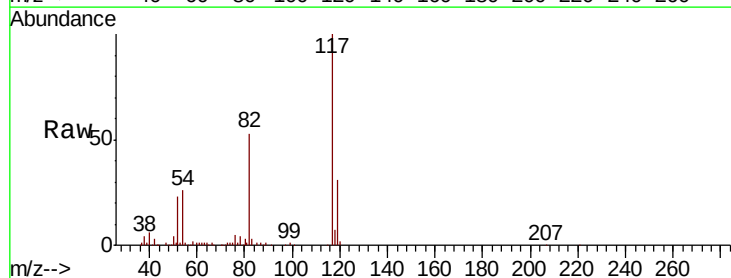
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

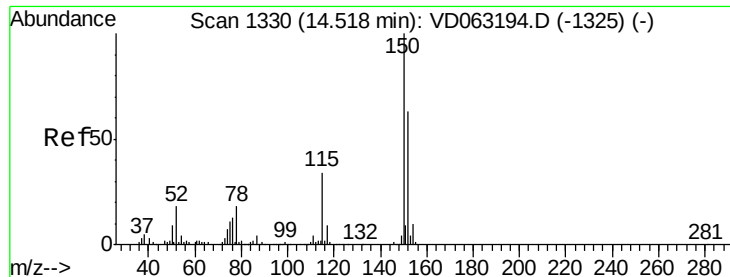
Tgt Ion: 95 Resp: 662430
Ion Ratio Lower Upper
95 100
174 97.6 0.0 205.4
176 97.5 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Tgt Ion: 117 Resp: 1129800
Ion Ratio Lower Upper
117 100
82 53.2 40.1 60.1
119 31.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

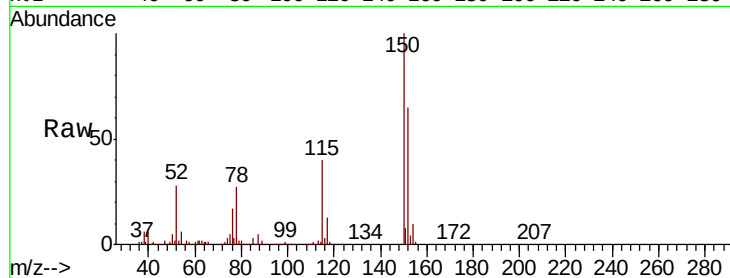
Tgt Ion:152 Resp: 591558

Ion Ratio Lower Upper

152 100

115 62.2 27.5 82.4

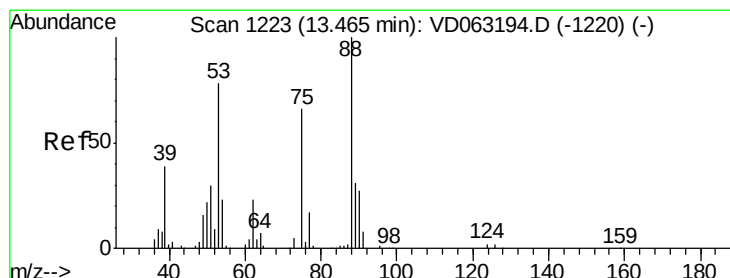
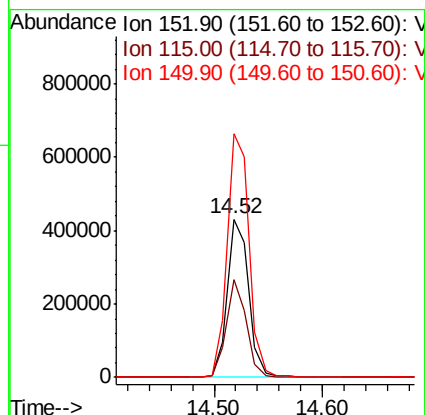
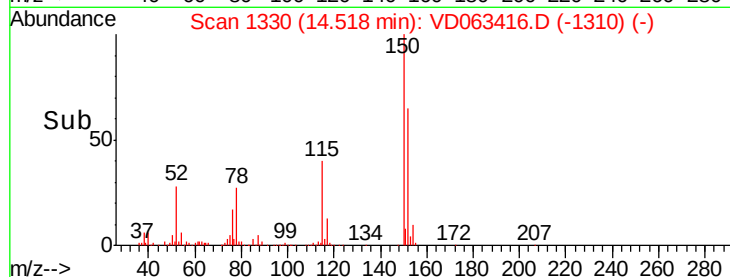
150 154.2 0.0 320.6



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: 153.822 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

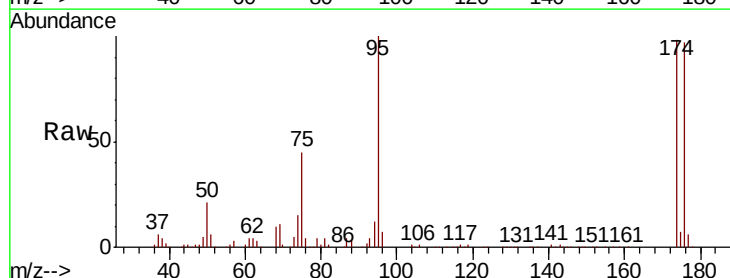
Tgt Ion: 75 Resp: 303494

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

