

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063198.D
 Acq On : 29 Jul 2019 14:43
 Operator : VA/AP
 Sample : VD0729SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL01

Quant Time: Jul 30 03:15:53 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	7.04	168	1121889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1552828	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1261489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	646556	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	615090	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	6.91	113	671696	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	10.40	98	1490020	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	13.55	95	590372	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	

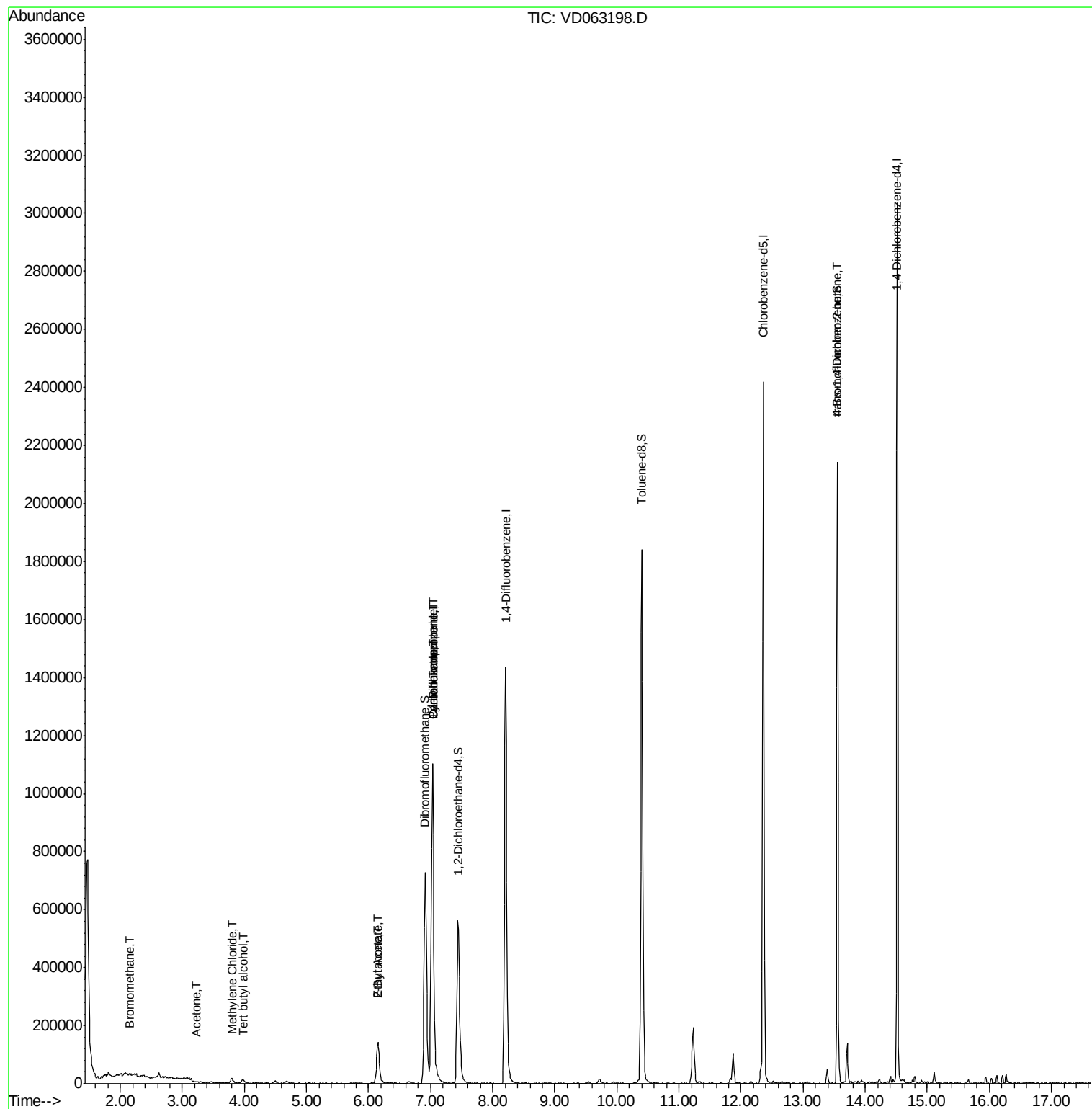
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	6453	1.160	ug/l #	60
11) Tert butyl alcohol	3.96	59	11603	21.239	ug/l #	69
16) Acetone	3.23	43	7774	3.205	ug/l #	91
20) Methylene Chloride	3.81	84	10752	1.097	ug/l #	50
25) 2-Butanone	6.16	43	13206	5.425	ug/l #	77
31) Cyclohexane	7.03	56	27471	2.477	ug/l #	26
36) 1,1-Dichloropropene	7.03	75	86566	6.108	ug/l #	53
37) Ethyl Acetate	6.16	43	13524	2.124	ug/l #	1
38) Carbon Tetrachloride	7.04	117	109091	5.113	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.55	75	262627	121.787	ug/l #	3

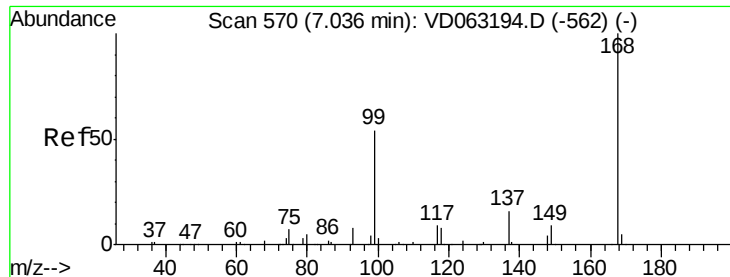
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
Data File : VD063198.D
Acq On : 29 Jul 2019 14:43
Operator : VA/AP
Sample : VD0729SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

Quant Time: Jul 30 03:15:53 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: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

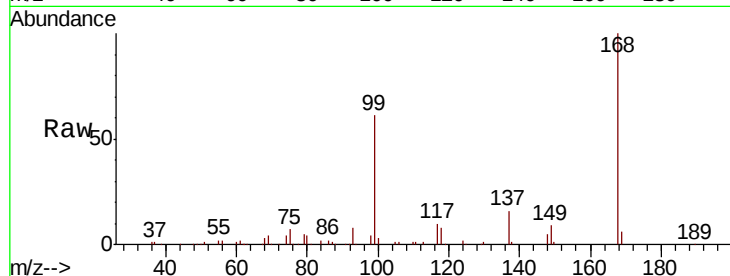
VD0729SBL01

Tot Ion:168 Resp: 1121889

Ion Ratio Lower Upper

168 100

99 60.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

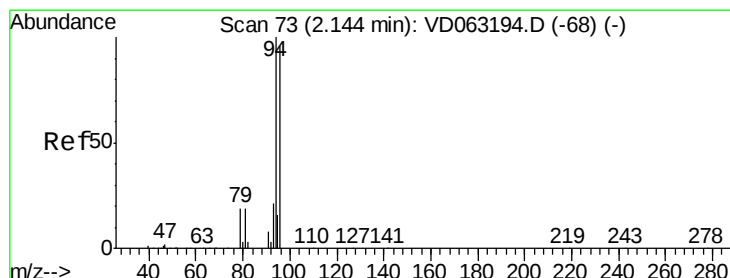
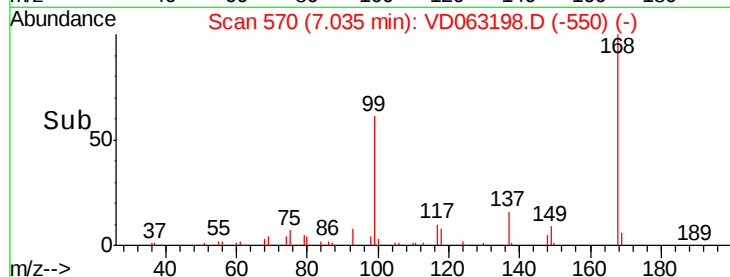
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 1.160 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

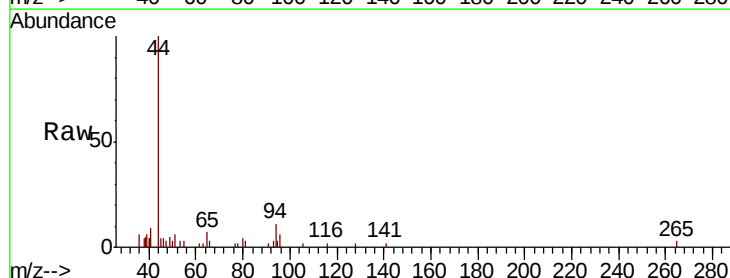
Tgt Ion: 94 Resp: 6453

Ion Ratio Lower Upper

94 100

96 52.0 76.4 114.6#

93 30.5 17.3 25.9#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.14

2000

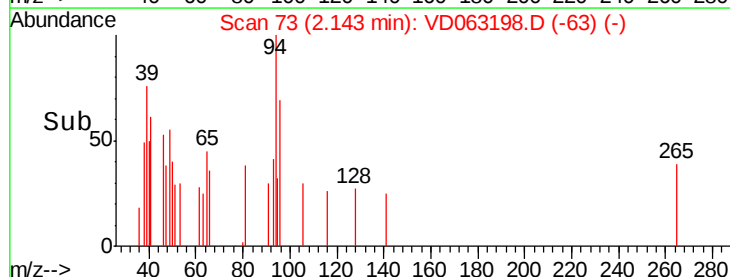
1500

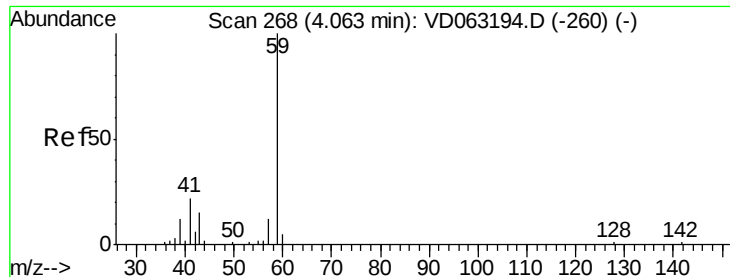
1000

500

0

Time-->

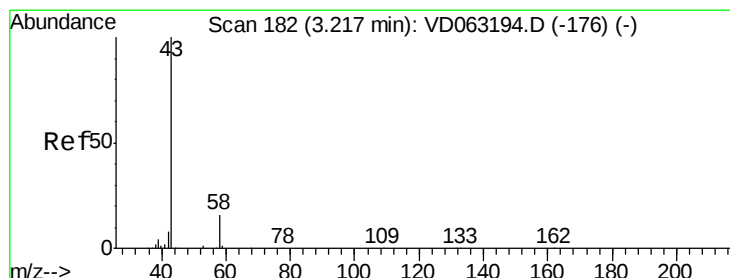
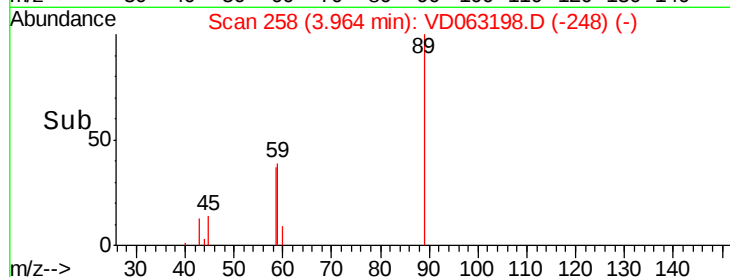
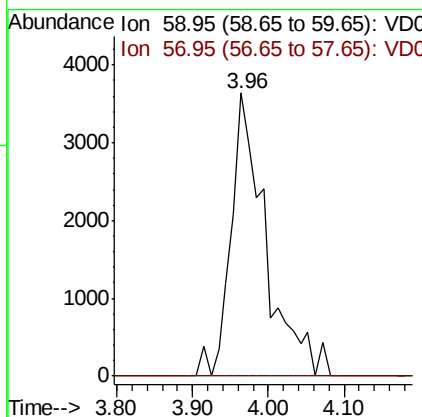
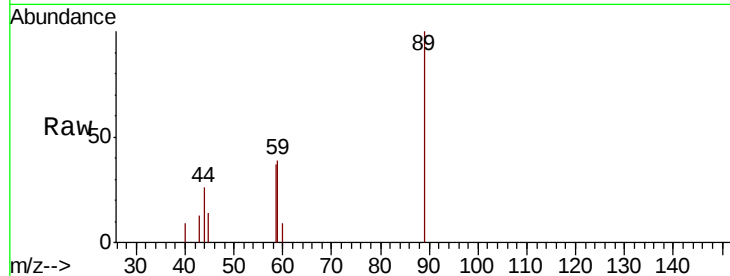




#11
Tert butyl alcohol
Concen: 21.239 ug/l
RT: 3.96 min Scan# 258
Delta R.T. -0.10 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

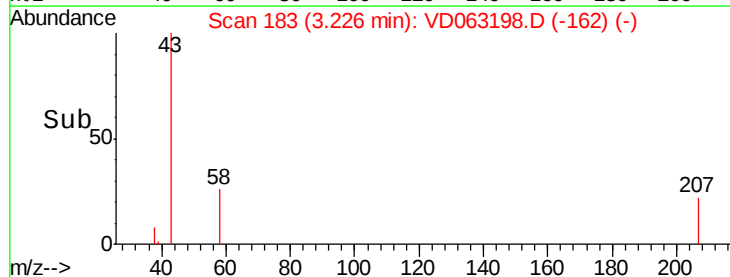
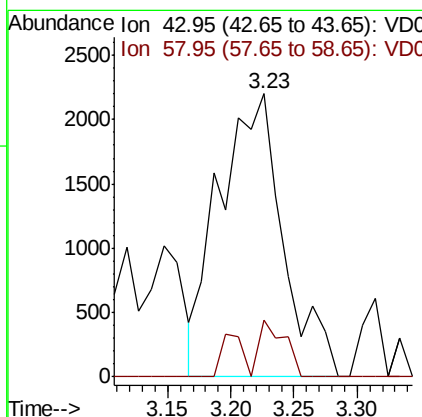
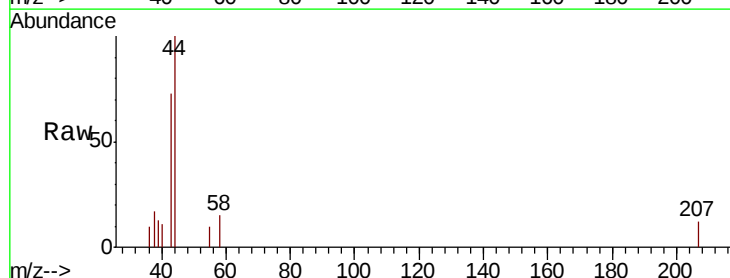
Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

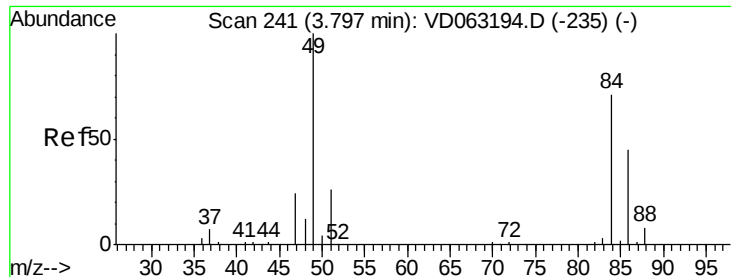
Tot Ion: 59 Resp: 11603
Ion Ratio Lower Upper
59 100
57 0.0 9.6 14.4#



#16
Acetone
Concen: 3.205 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

Tgt Ion: 43 Resp: 7774
Ion Ratio Lower Upper
43 100
58 20.0 13.0 19.4#

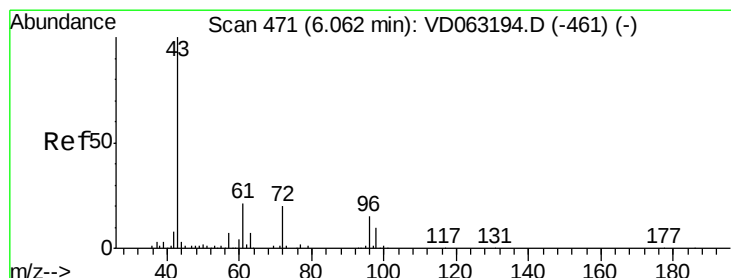
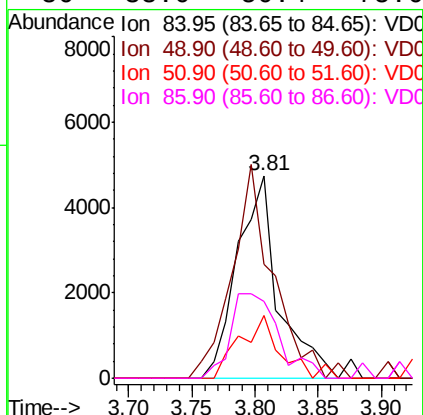
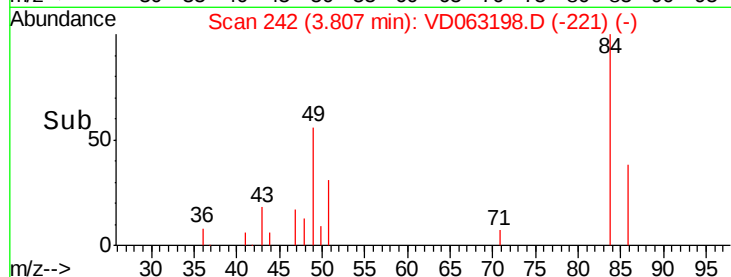
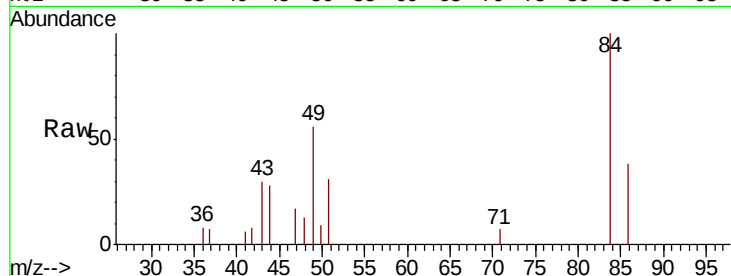




#20
Methvlene Chloride
Concen: 1.097 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

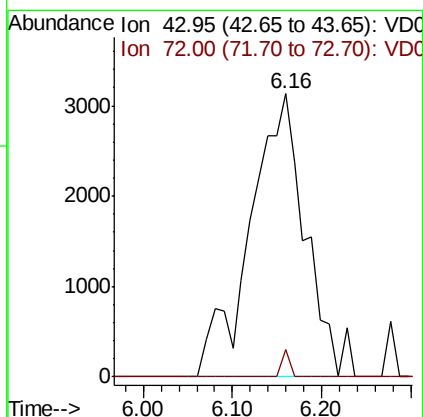
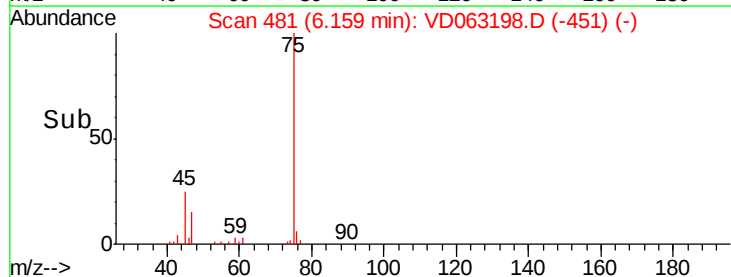
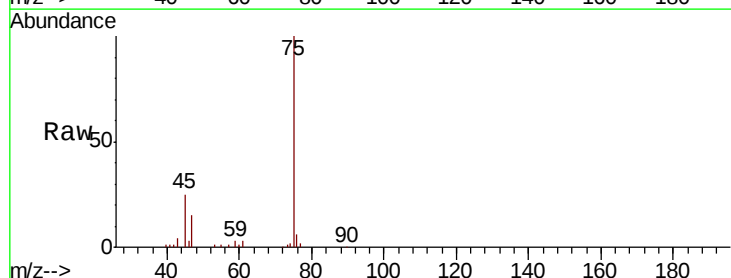
Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

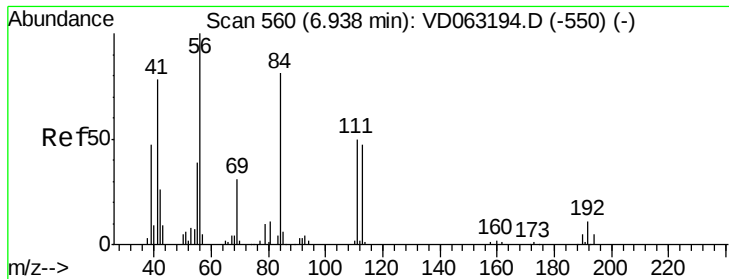
Tot Ion: 84 Resp: 10752
Ion Ratio Lower Upper
84 100
49 56.2 112.5 168.7#
51 31.1 29.6 44.4
86 38.0 50.4 75.6#



#25
2-Butanone
Concen: 5.425 ug/l
RT: 6.16 min Scan# 481
Delta R.T. 0.10 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

Tgt Ion: 43 Resp: 13206
Ion Ratio Lower Upper
43 100
72 9.6 16.3 24.5#

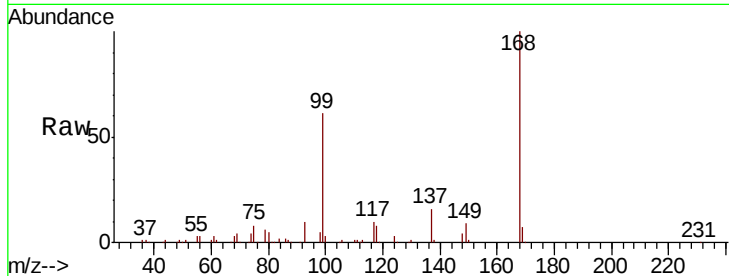




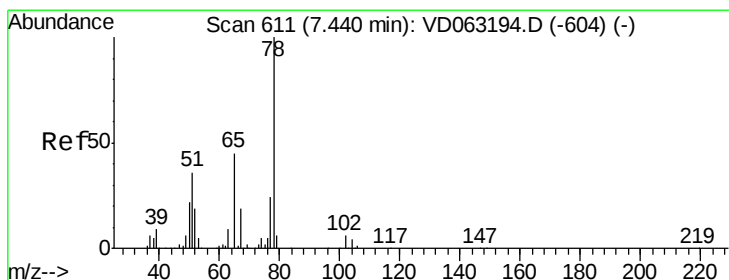
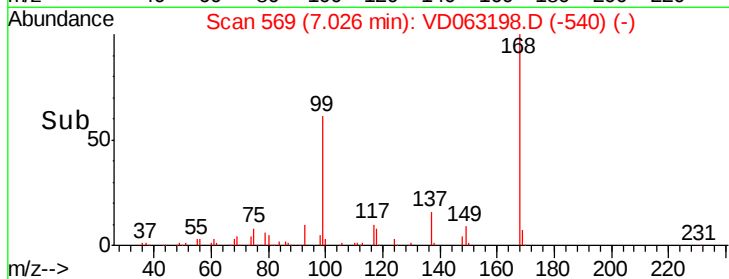
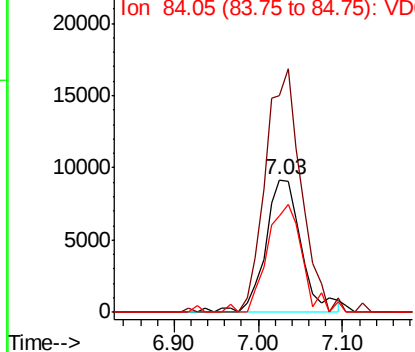
#31
Cyclohexane
Concen: 2.477 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

Tot Ion: 56 Resp: 27471
Ion Ratio Lower Upper
56 100
69 163.8 24.5 36.7#
84 72.5 64.9 97.3

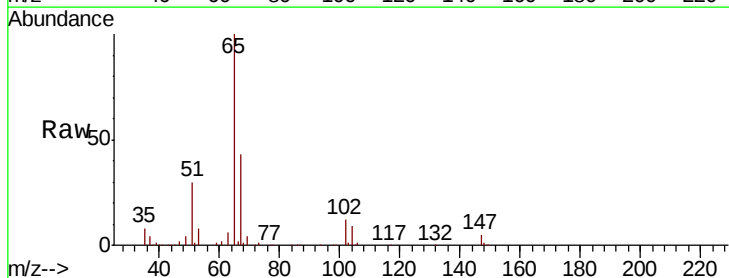


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

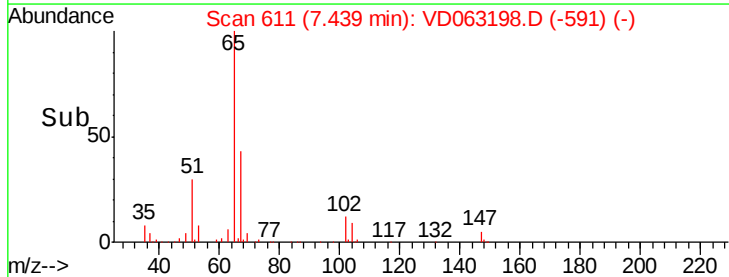
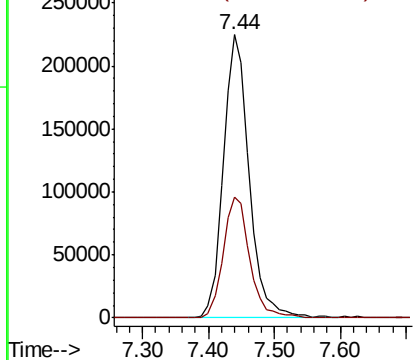


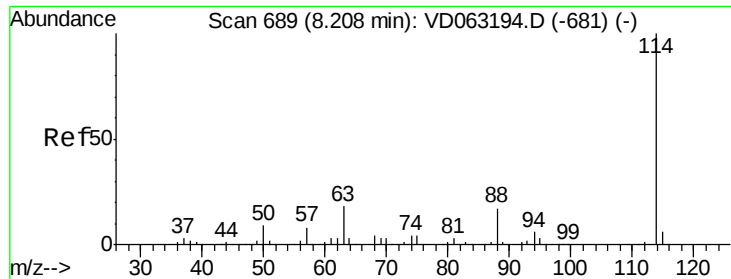
#33
1,2-Dichloroethane-d4
Concen: 49.411 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

Tgt Ion: 65 Resp: 615090
Ion Ratio Lower Upper
65 100
67 42.9 0.0 85.8



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

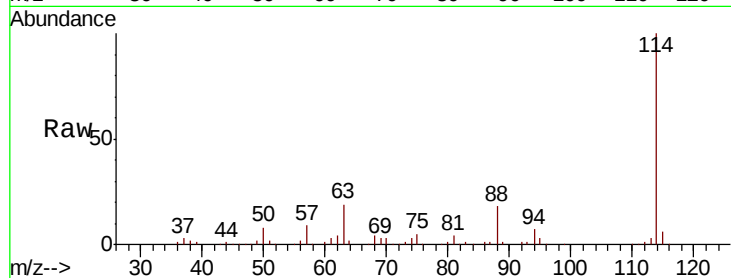




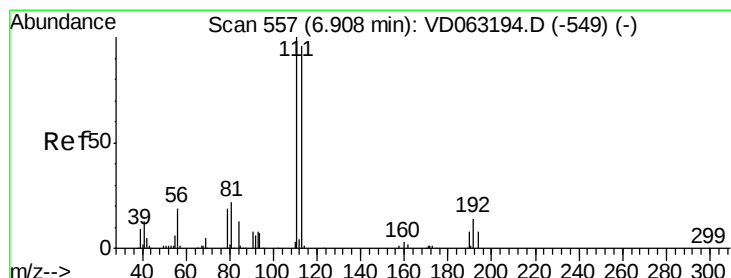
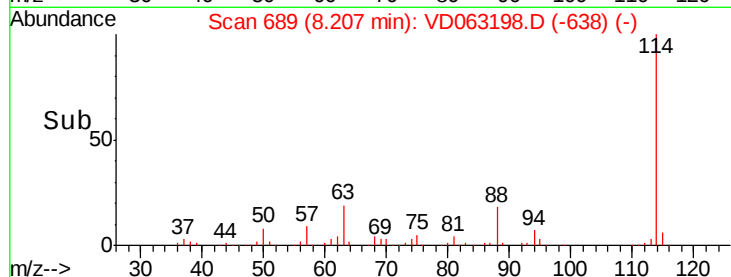
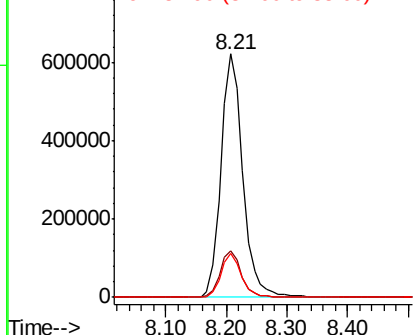
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL01

Tot Ion:114 Resp: 1552828
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.2
 88 18.2 0.0 34.6

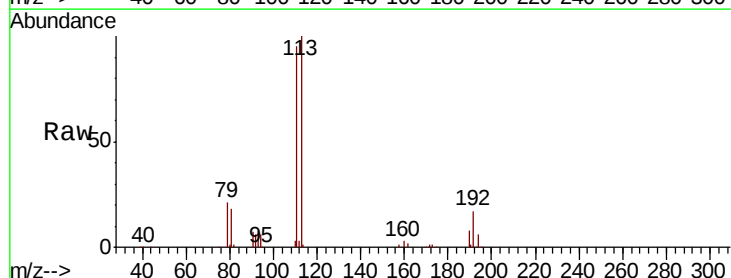


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

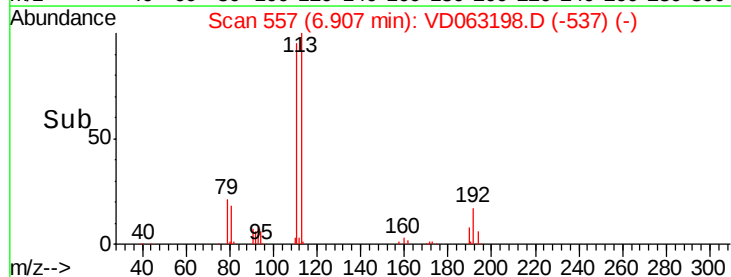
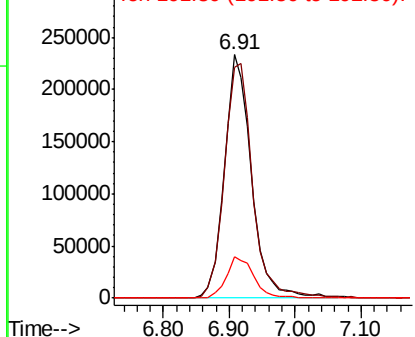


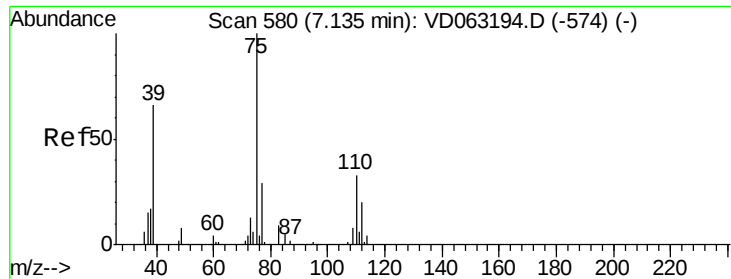
#35
 Dibromofluoromethane
 Concen: 50.664 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

Tgt Ion:113 Resp: 671696
 Ion Ratio Lower Upper
 113 100
 111 95.0 83.2 124.8
 192 16.7 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

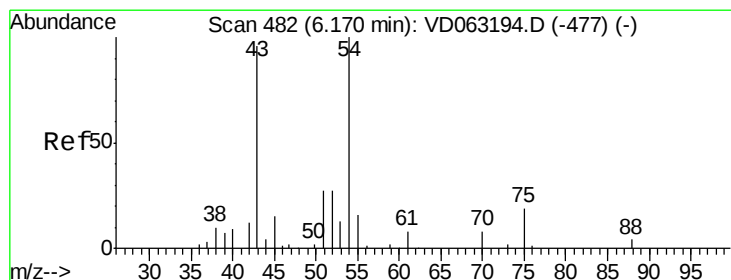
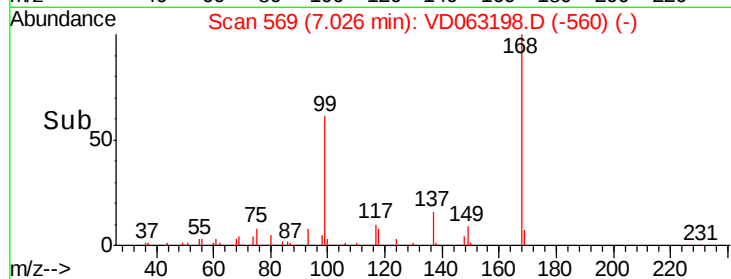
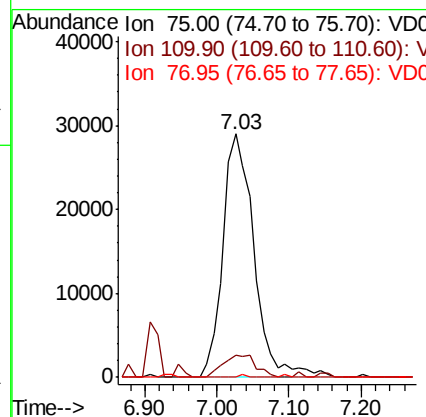
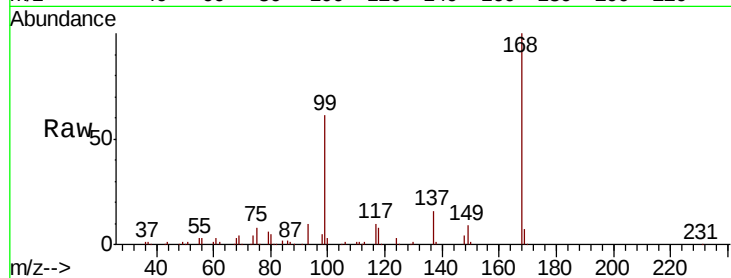




#36
 1,1-Dichloropropene
 Concen: 6.108 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.11 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

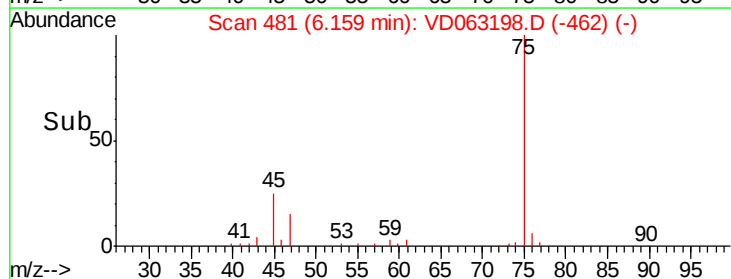
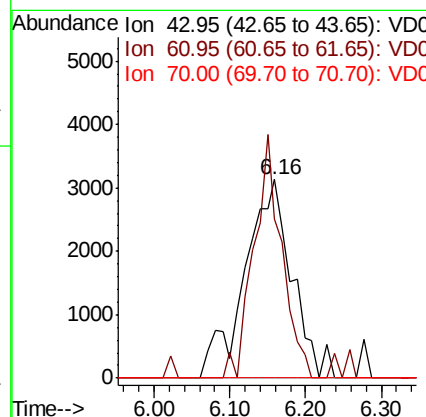
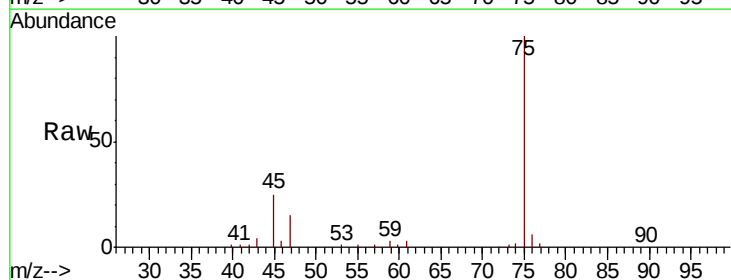
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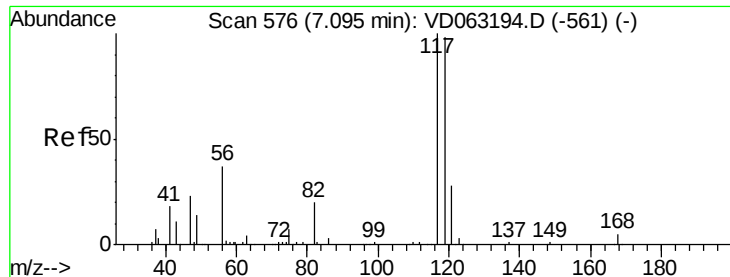
Tot Ion: 75 Resp: 86566
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.1 48.2#
 77 0.0 22.7 34.1#



#37
 Ethyl Acetate
 Concen: 2.124 ug/l
 RT: 6.16 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

Tgt Ion: 43 Resp: 13524
 Ion Ratio Lower Upper
 43 100
 61 80.3 11.3 16.9#
 70 0.0 5.1 7.7#





#38

Carbon Tetrachloride

Concen: 5.113 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0729SBL01

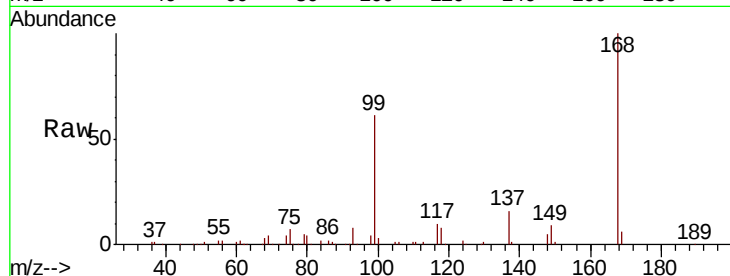
Tot Ion:117 Resp: 109091

Ion Ratio Lower Upper

117 100

119 3.0 78.2 117.2#

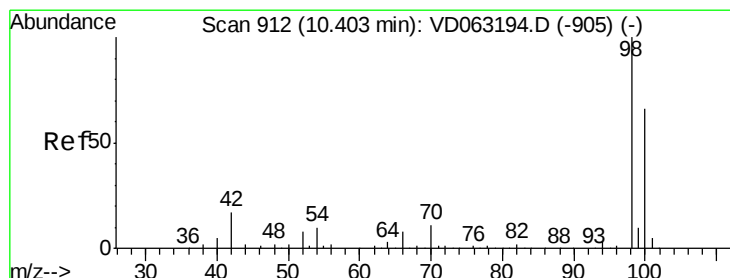
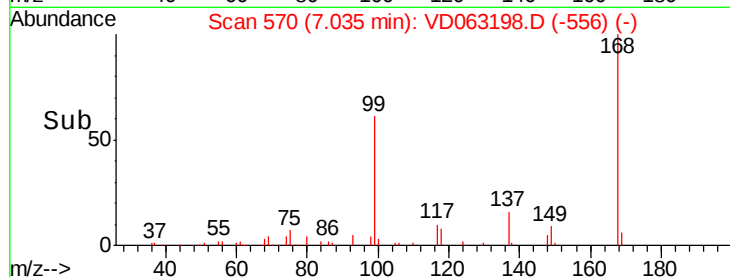
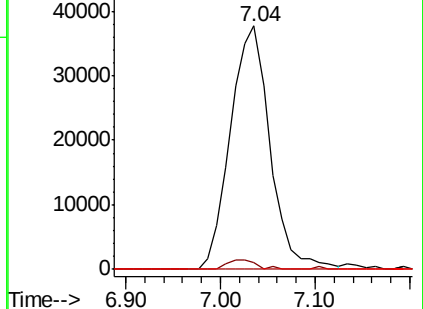
121 0.0 22.1 33.1#



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: 50.218 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063198.D

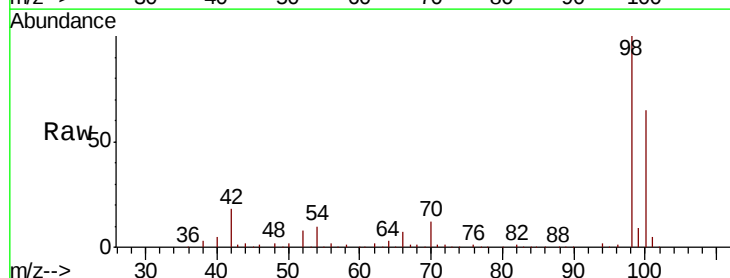
Acq: 29 Jul 2019 14:43

Tgt Ion: 98 Resp: 1490020

Ion Ratio Lower Upper

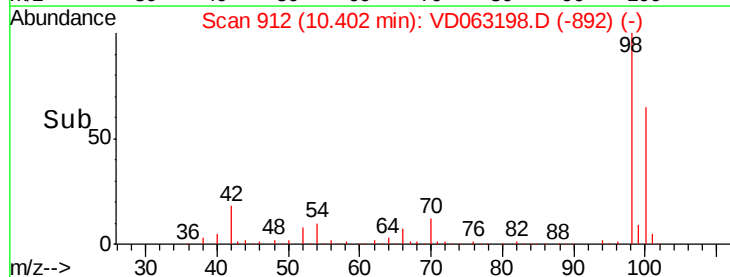
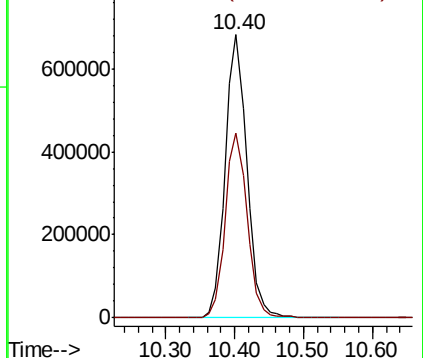
98 100

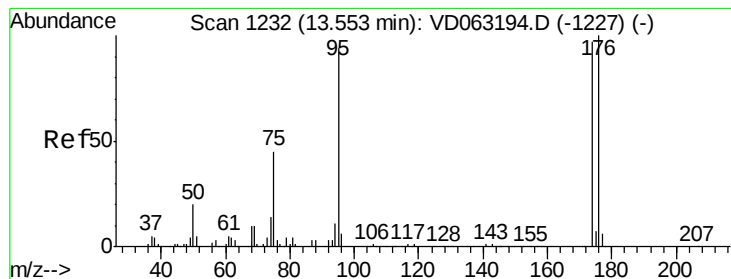
100 65.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 43.664 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0729SBL01

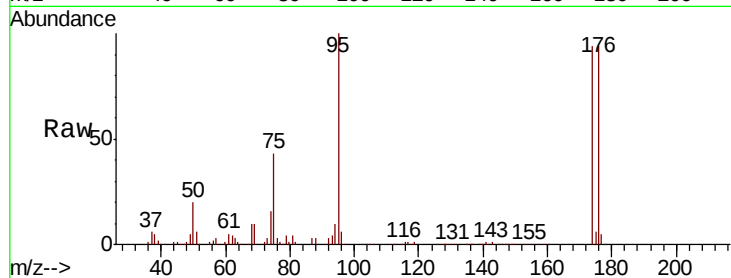
Tot Ion: 95 Resp: 590372

Ion Ratio Lower Upper

95 100

174 94.1 0.0 205.4

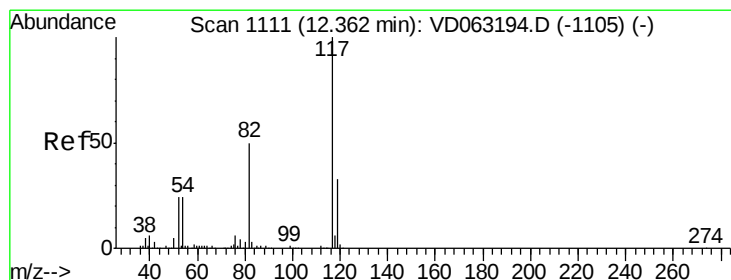
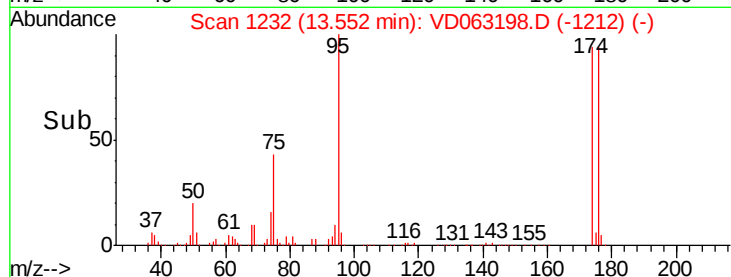
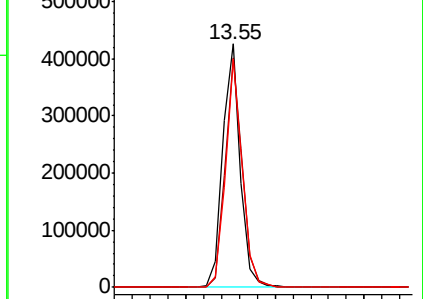
176 93.9 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

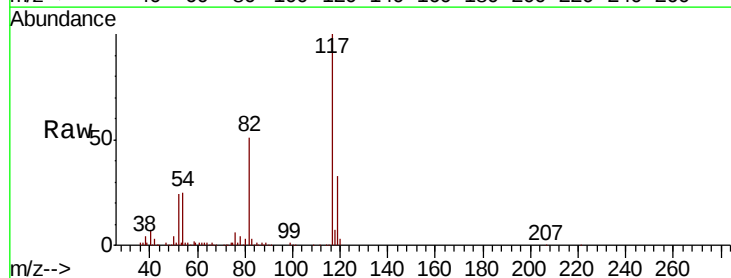
Tgt Ion: 117 Resp: 1261489

Ion Ratio Lower Upper

117 100

82 50.5 40.1 60.1

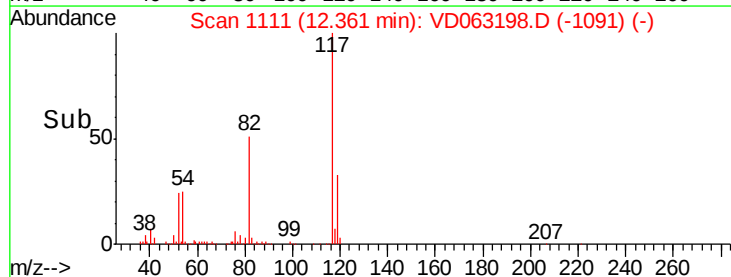
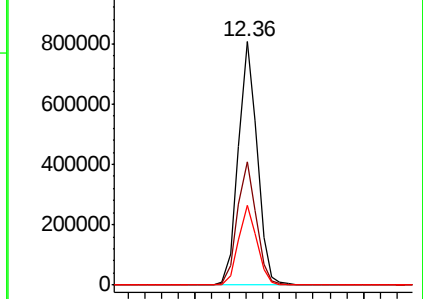
119 33.0 26.5 39.7

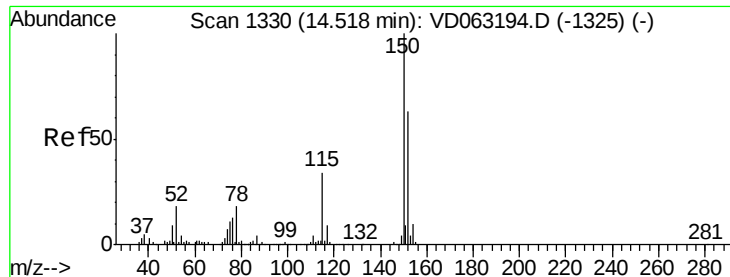


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0729SBL01

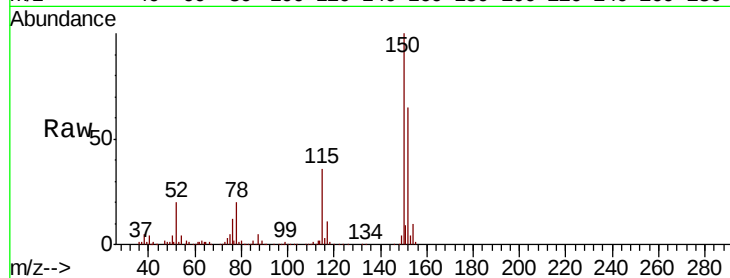
Tot Ion:152 Resp: 646556

Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.4

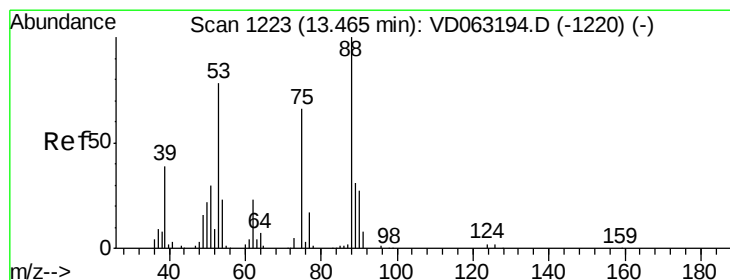
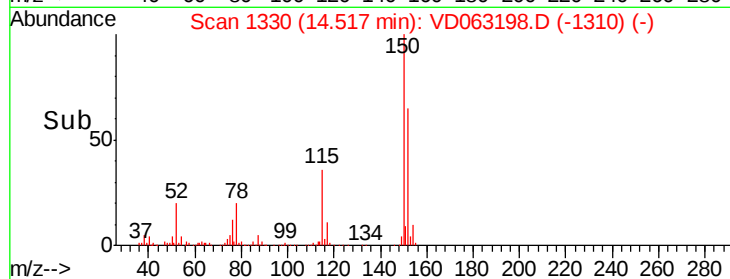
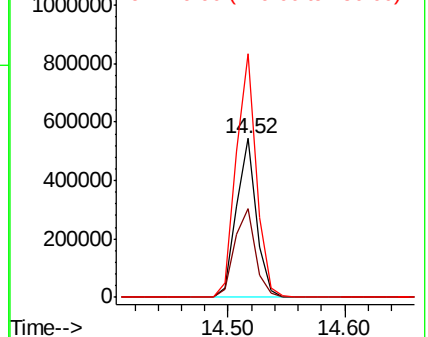
150 153.1 0.0 320.6



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: 121.787 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

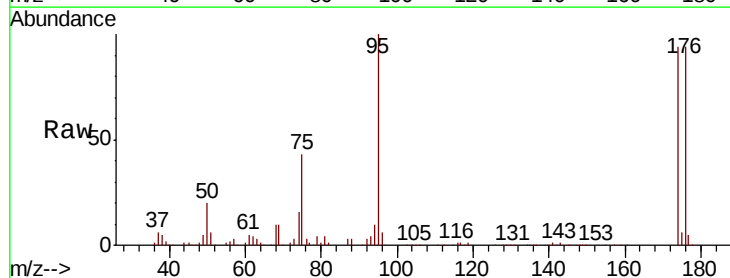
Tgt Ion: 75 Resp: 262627

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

