

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
 Data File : VD063332.D
 Acq On : 2 Aug 2019 23:39
 Operator : VA/AP
 Sample : VD0802SBL02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

Quant Time: Aug 04 03:42:10 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	1022879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1401570	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1201805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	639884	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	583873	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	6.92	113	655575	54.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	10.40	98	1450397	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	13.55	95	594057	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	

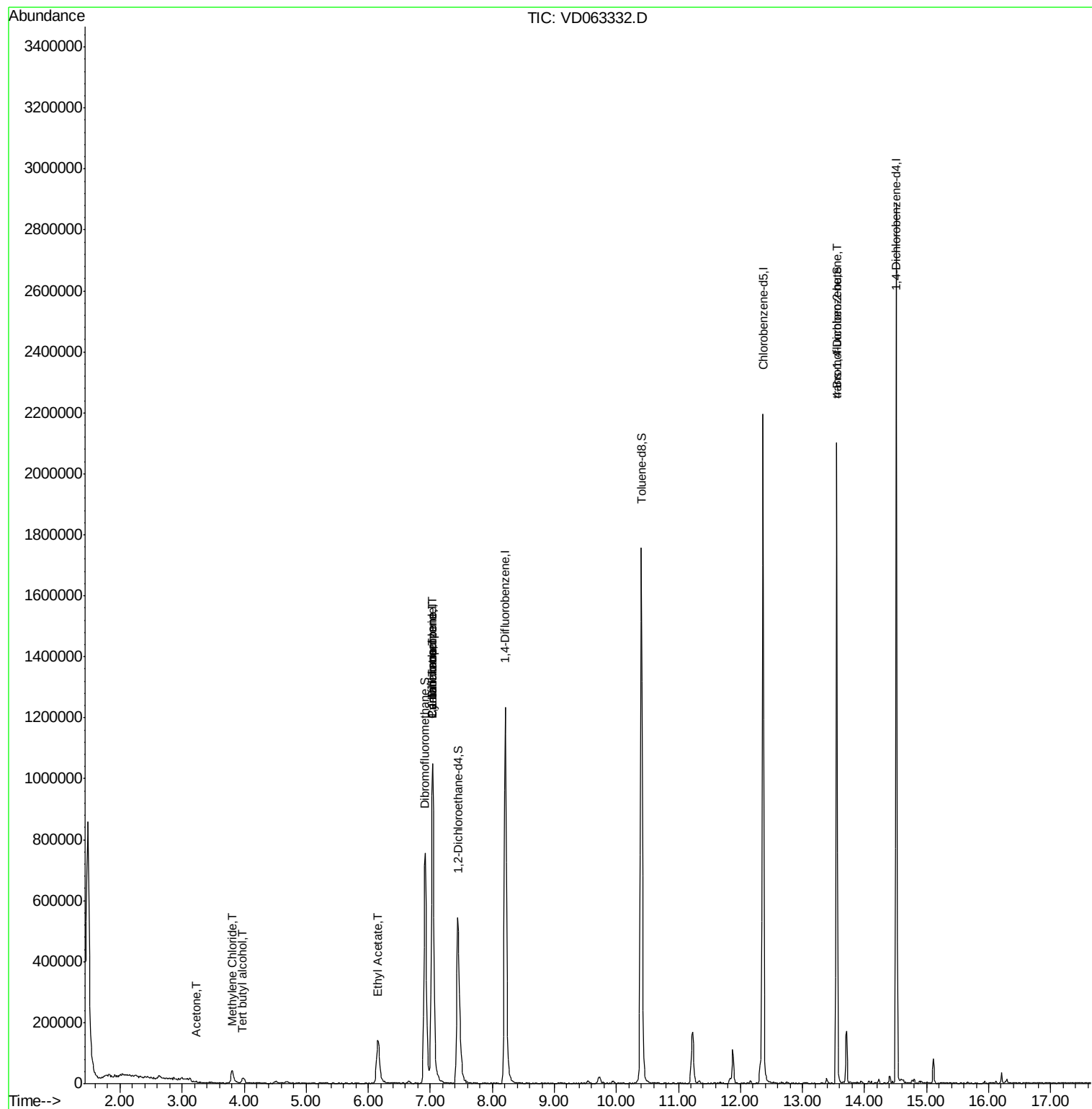
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.98	59	17992	36.122	ug/l #	69
16) Acetone	3.22	43	8328	3.766	ug/l #	59
20) Methylene Chloride	3.81	84	23139	2.589	ug/l #	88
31) Cyclohexane	7.03	56	20419	2.020	ug/l #	5
36) 1,1-Dichloropropene	7.04	75	77971	6.096	ug/l #	56
37) Ethyl Acetate	6.17	43	13607	2.368	ug/l #	35
38) Carbon Tetrachloride	7.04	117	101020	5.246	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	280767	131.556	ug/l #	3

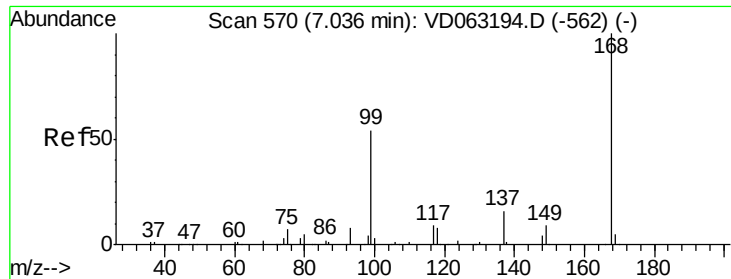
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
Data File : VD063332.D
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Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

Quant Time: Aug 04 03:42:10 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: VD063332.D

Acq: 2 Aug 2019 23:39

Instrument :

MSVOA_D

ClientSampleId :

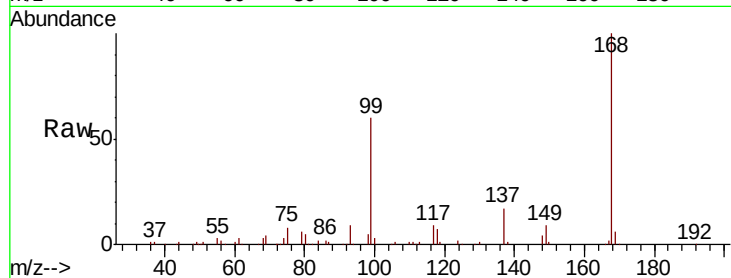
VD0802SBL02

Tgt Ion:168 Resp: 1022879

Ion Ratio Lower Upper

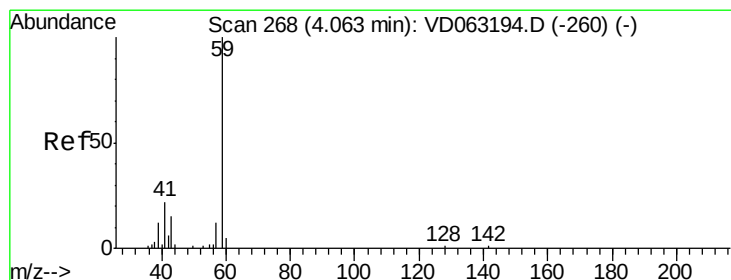
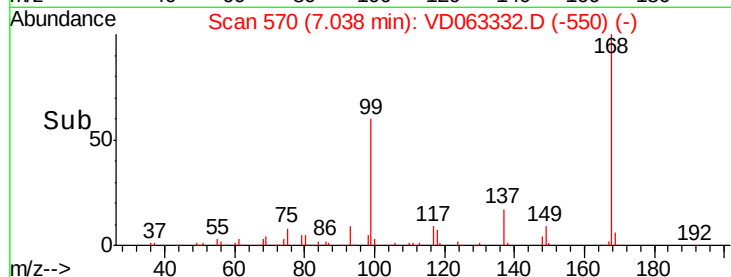
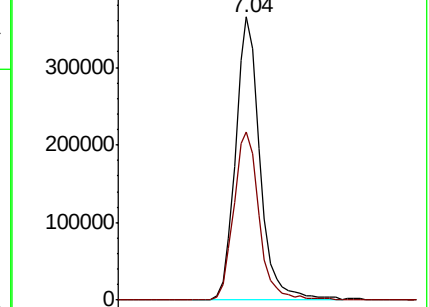
168 100

99 59.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 36.122 ug/l

RT: 3.98 min Scan# 259

Delta R.T. -0.09 min

Lab File: VD063332.D

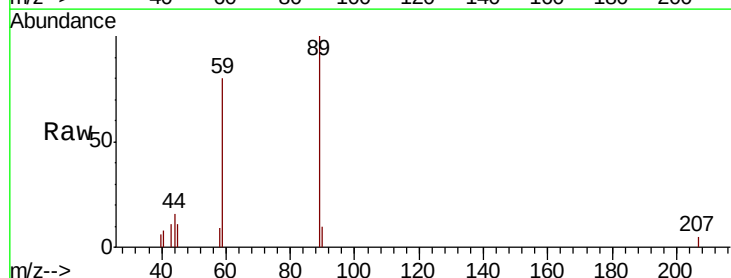
Acq: 2 Aug 2019 23:39

Tgt Ion: 59 Resp: 17992

Ion Ratio Lower Upper

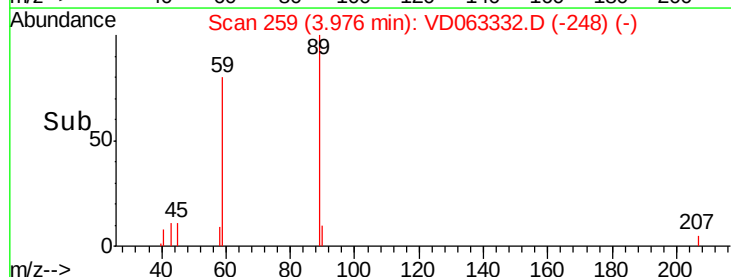
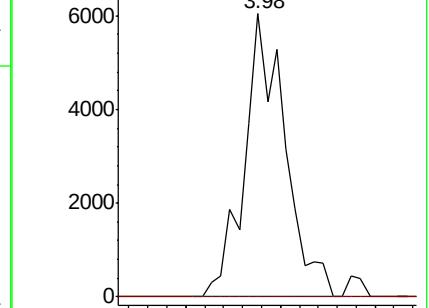
59 100

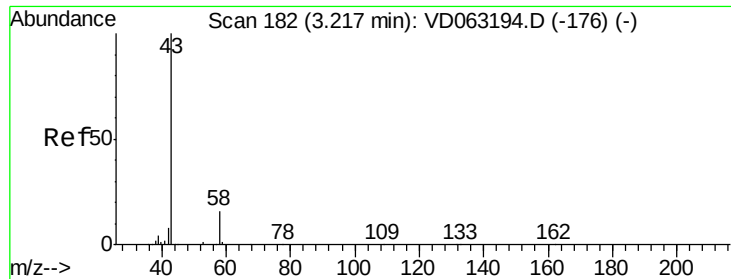
57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 3.766 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

Instrument :

MSVOA_D

ClientSampleId :

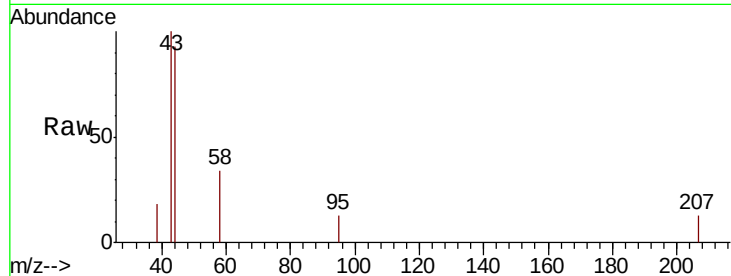
VD0802SBL02

Tgt Ion: 43 Resp: 8328

Ion Ratio Lower Upper

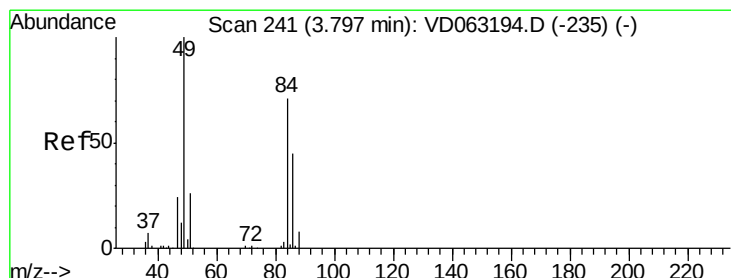
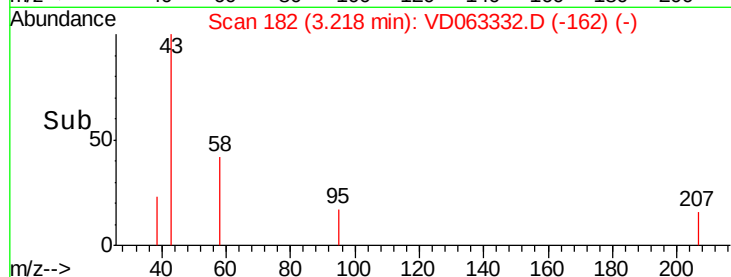
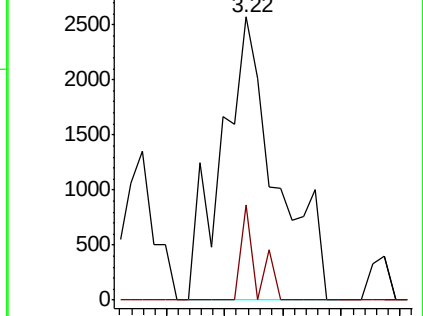
43 100

58 33.5 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: 2.589 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

Tgt Ion: 84 Resp: 23139

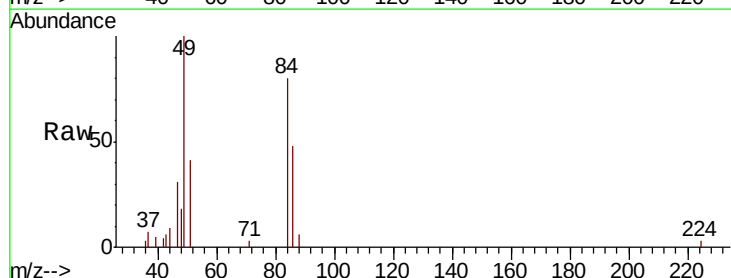
Ion Ratio Lower Upper

84 100

49 125.1 112.5 168.7

51 51.1 29.6 44.4#

86 60.4 50.4 75.6

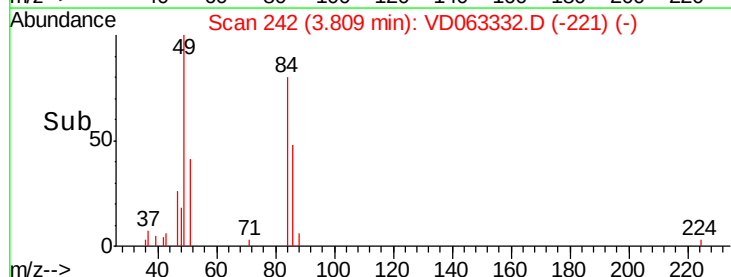
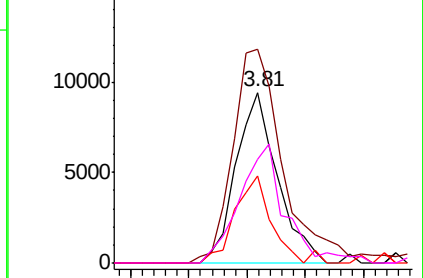


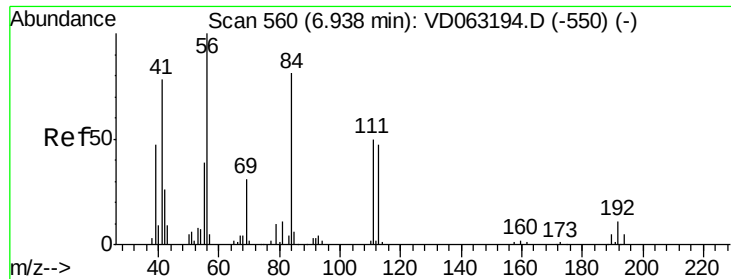
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

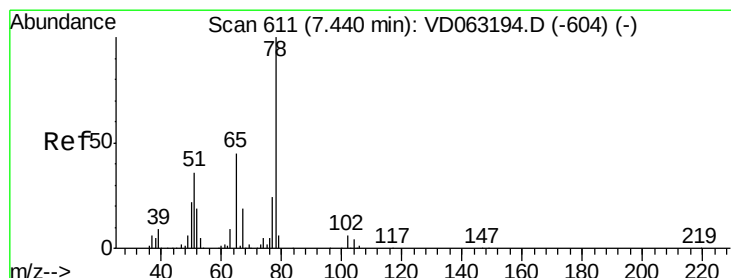
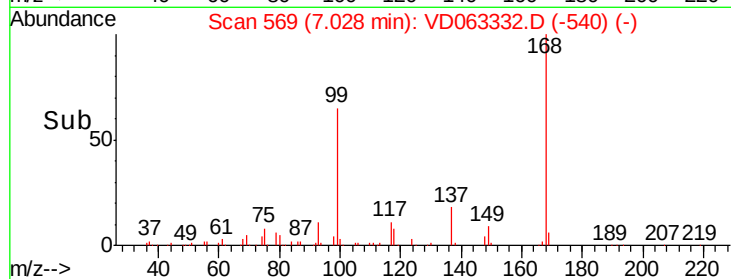
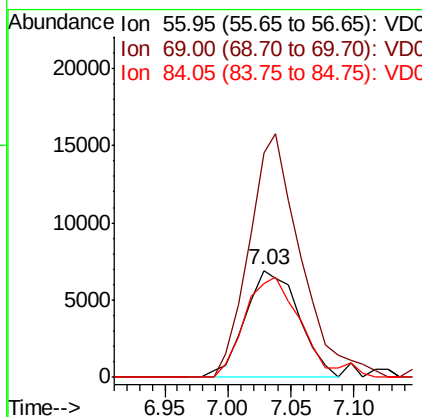
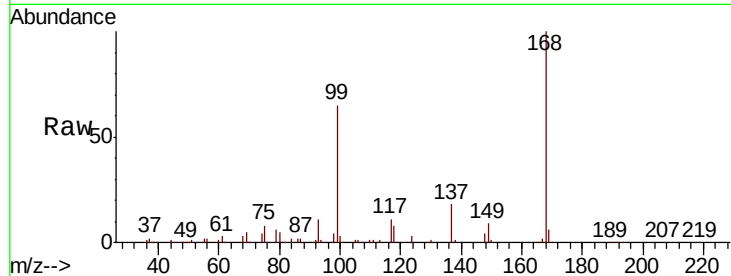




#31
Cyclohexane
Concen: 2.020 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

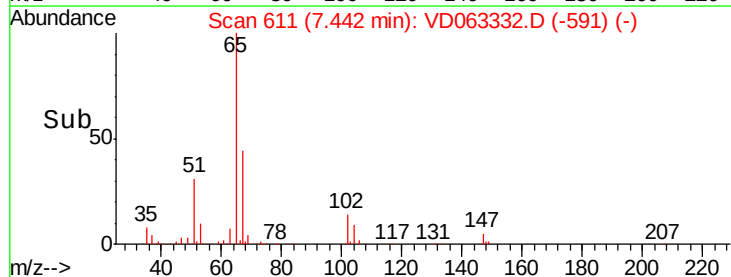
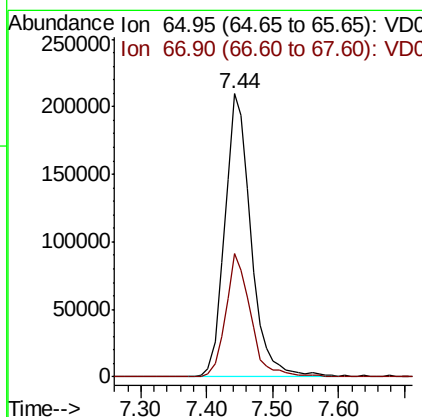
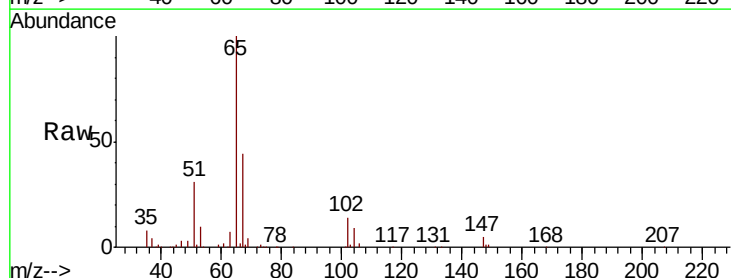
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

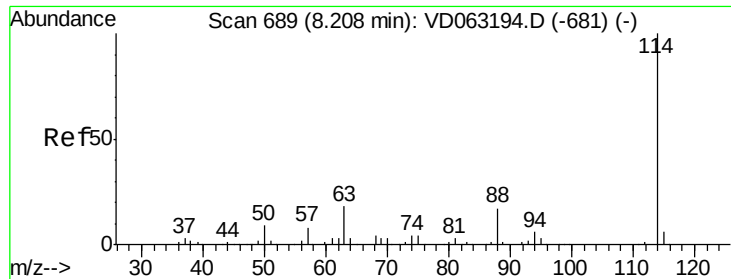
Tgt Ion: 56 Resp: 20419
Ion Ratio Lower Upper
56 100
69 209.6 24.5 36.7#
84 87.6 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 51.443 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063332.D
Acq: 2 Aug 2019 23:39

Tgt Ion: 65 Resp: 583873
Ion Ratio Lower Upper
65 100
67 43.6 0.0 85.8

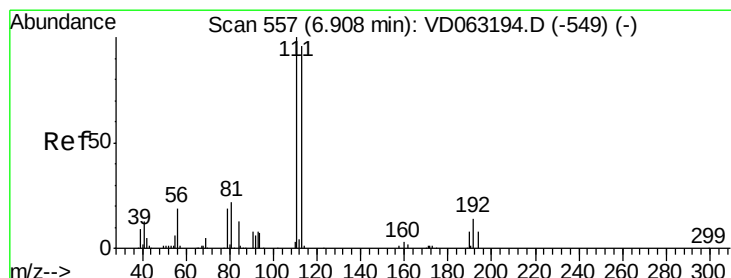
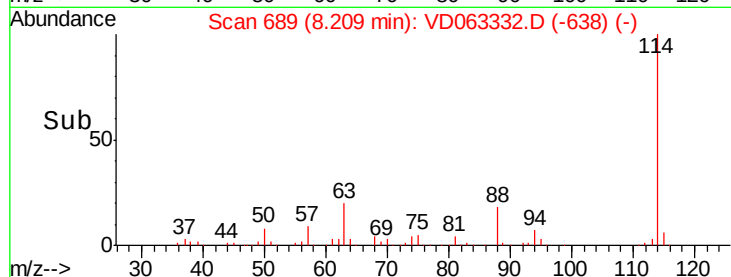
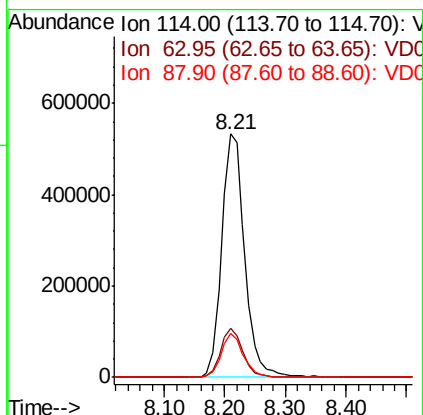
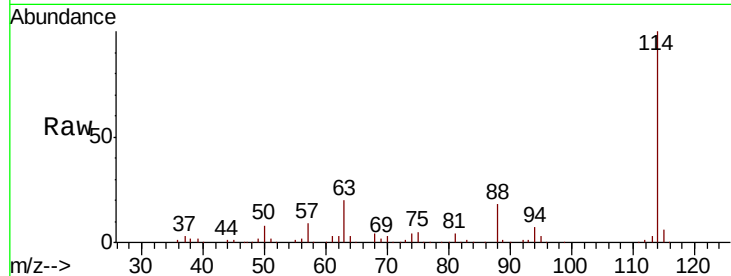




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

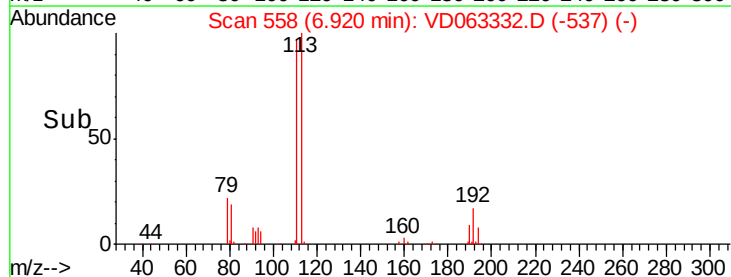
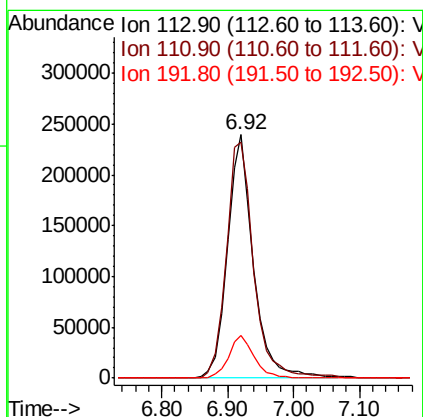
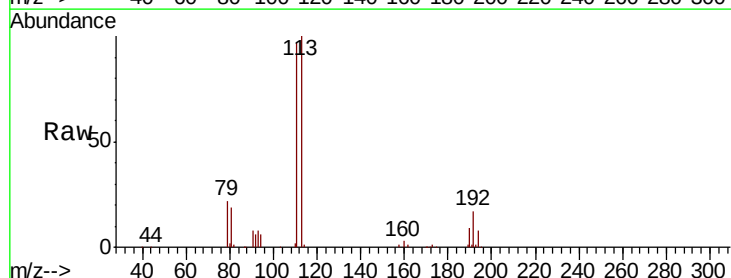
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

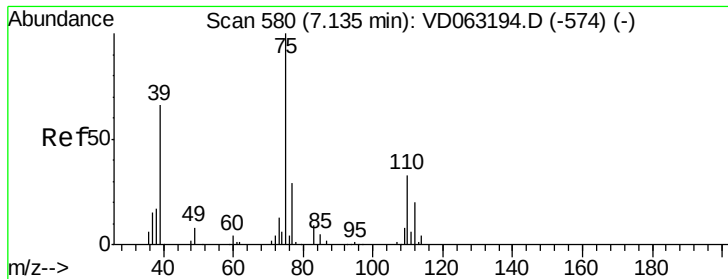
Tgt Ion:114 Resp: 1401570
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 35.2
 88 17.9 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 54.785 ug/l
 RT: 6.92 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

Tgt Ion:113 Resp: 655575
 Ion Ratio Lower Upper
 113 100
 111 97.0 83.2 124.8
 192 17.5 11.8 17.8

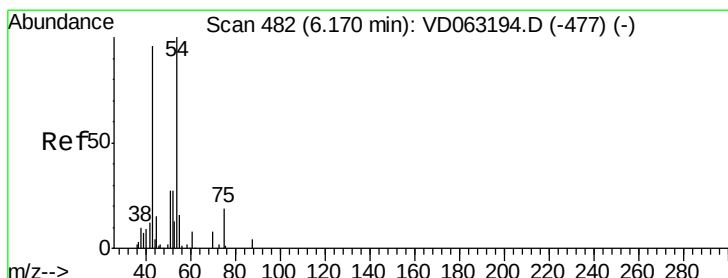
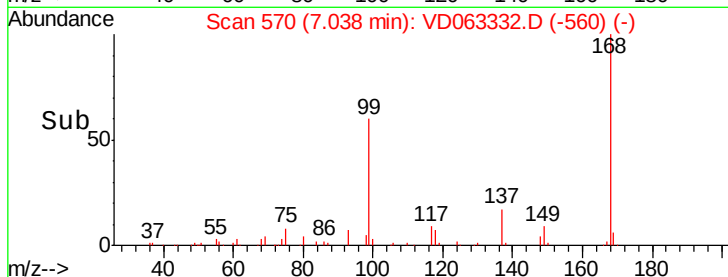
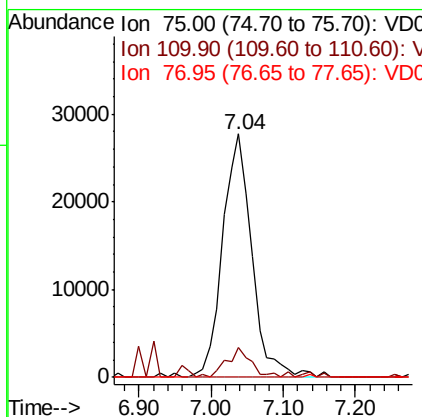
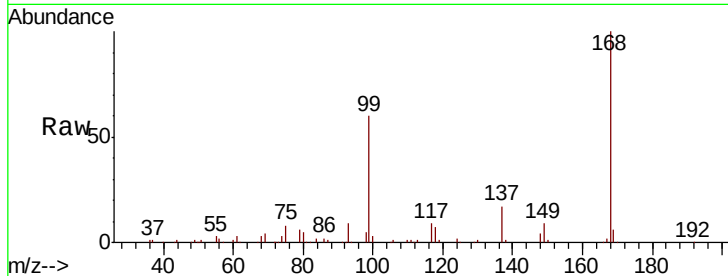




#36
 1,1-Dichloropropene
 Concen: 6.096 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

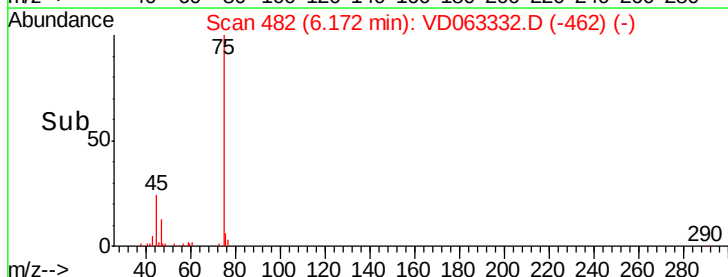
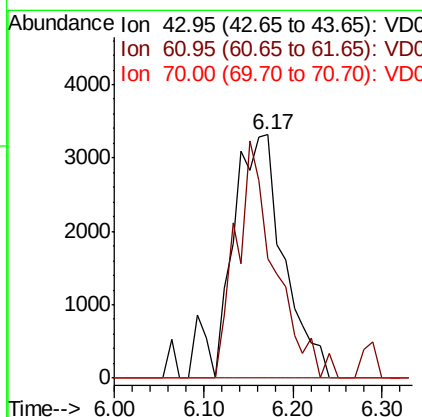
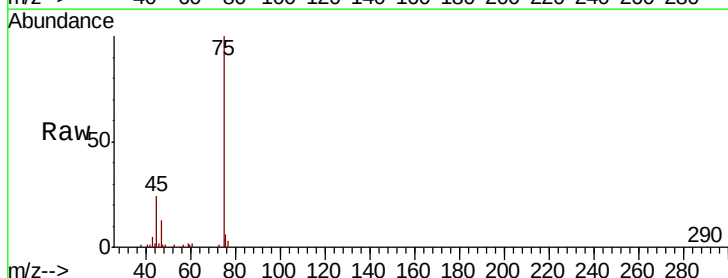
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

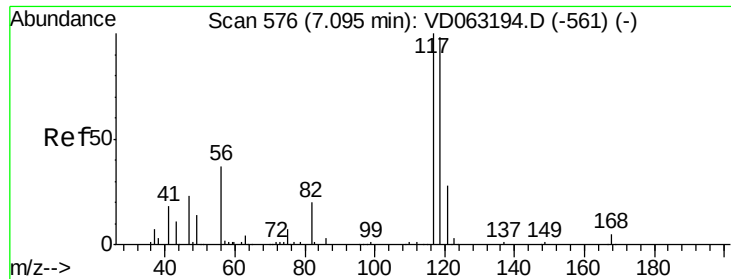
Tgt Ion: 75 Resp: 77971
 Ion Ratio Lower Upper
 75 100
 110 12.1 16.1 48.2#
 77 0.0 22.7 34.1#



#37
 Ethyl Acetate
 Concen: 2.368 ug/l
 RT: 6.17 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: VD063332.D
 Acq: 2 Aug 2019 23:39

Tgt Ion: 43 Resp: 13607
 Ion Ratio Lower Upper
 43 100
 61 49.2 11.3 16.9#
 70 0.0 5.1 7.7#





#38

Carbon Tetrachloride

Concen: 5.246 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL02

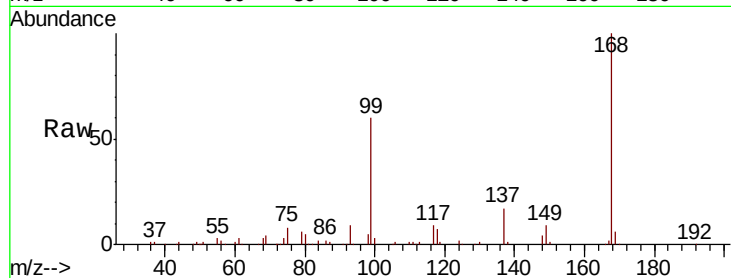
Tgt Ion:117 Resp: 101020

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

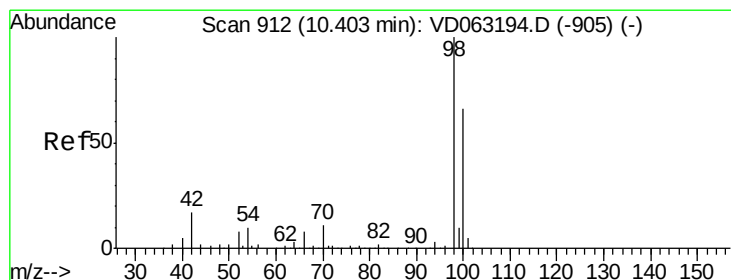
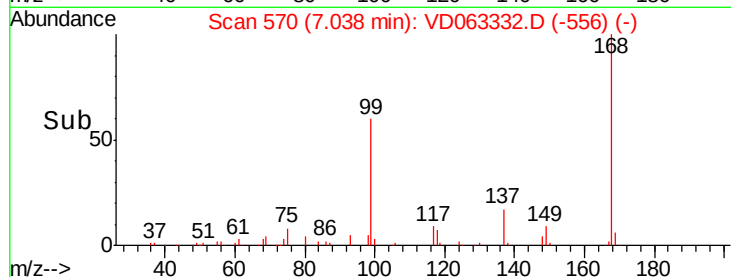
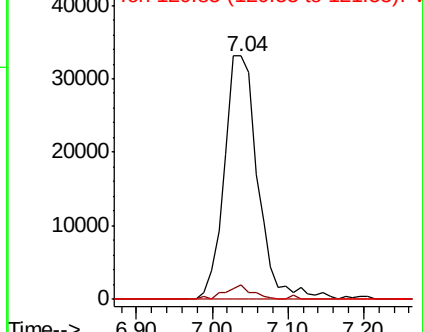
121 0.0 22.1 33.1#



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: 54.158 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063332.D

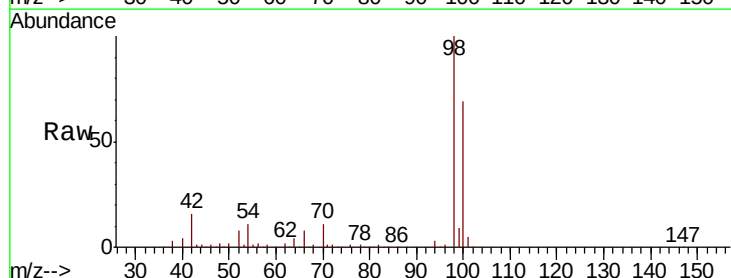
Acq: 2 Aug 2019 23:39

Tgt Ion: 98 Resp: 1450397

Ion Ratio Lower Upper

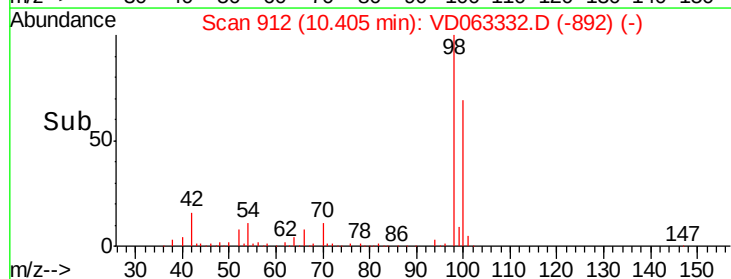
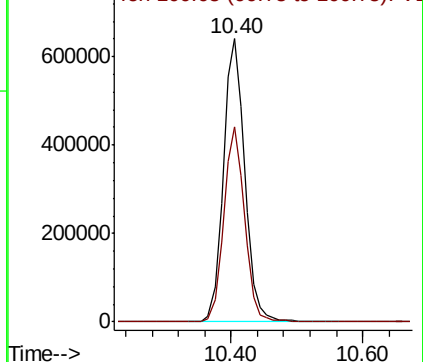
98 100

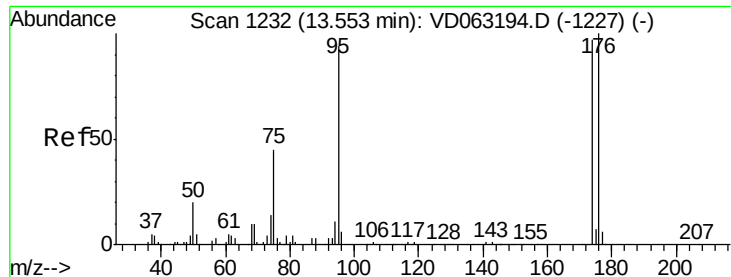
100 69.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 48.678 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL02

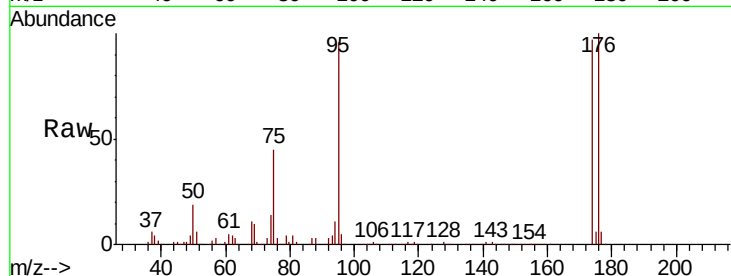
Tgt Ion: 95 Resp: 594057

Ion Ratio Lower Upper

95 100

174 100.8 0.0 205.4

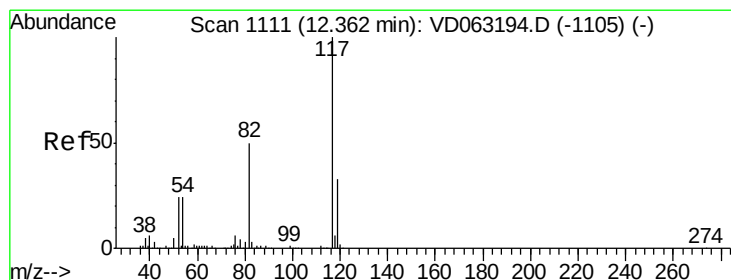
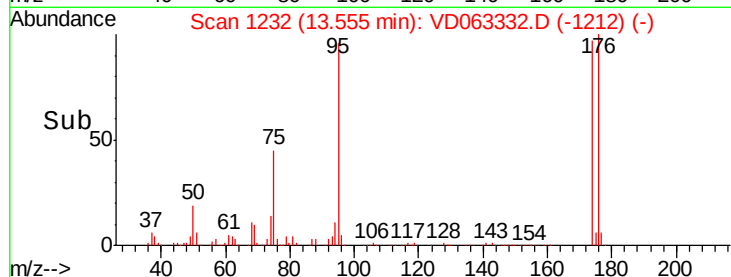
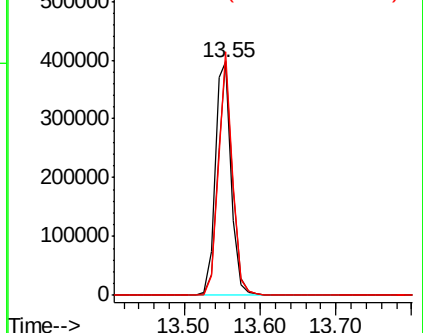
176 104.4 0.0 211.8



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: VD063332.D

Acq: 2 Aug 2019 23:39

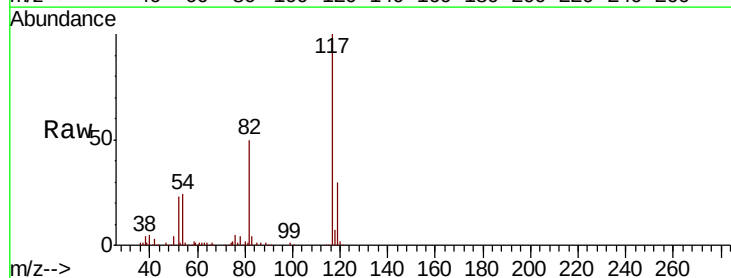
Tgt Ion: 117 Resp: 1201805

Ion Ratio Lower Upper

117 100

82 49.8 40.1 60.1

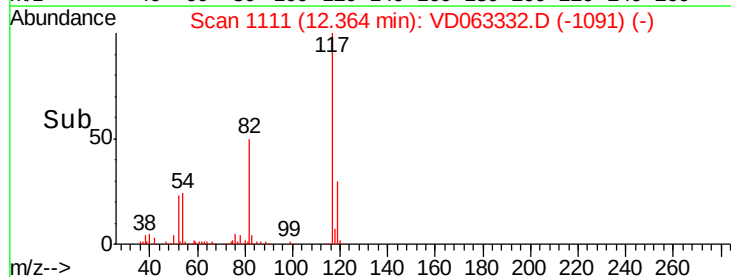
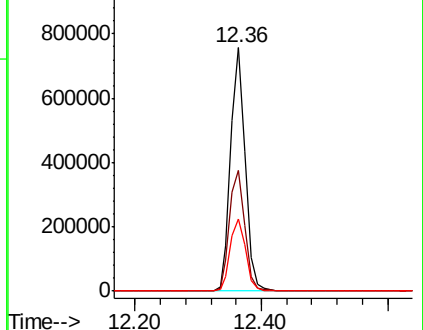
119 29.8 26.5 39.7

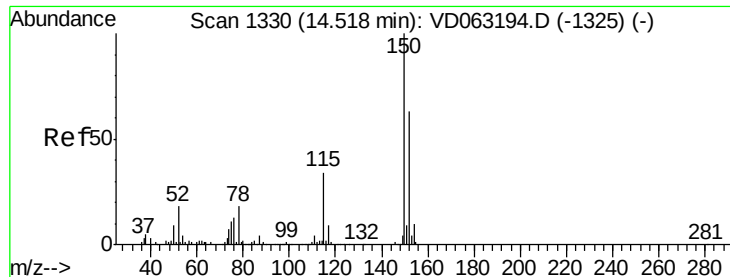


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL02

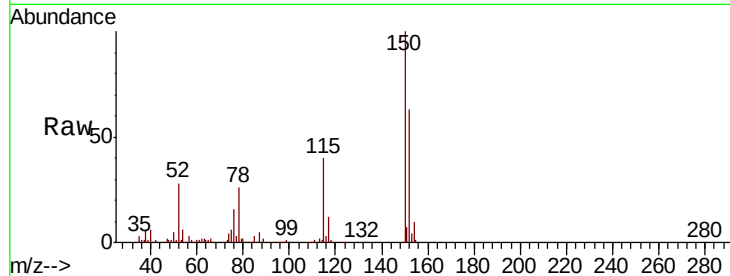
Tgt Ion:152 Resp: 639884

Ion Ratio Lower Upper

152 100

115 63.5 27.5 82.4

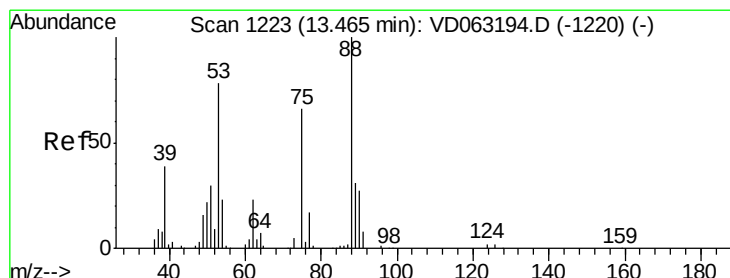
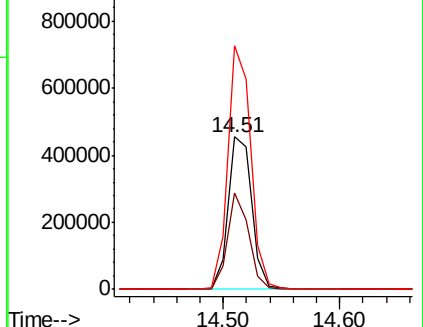
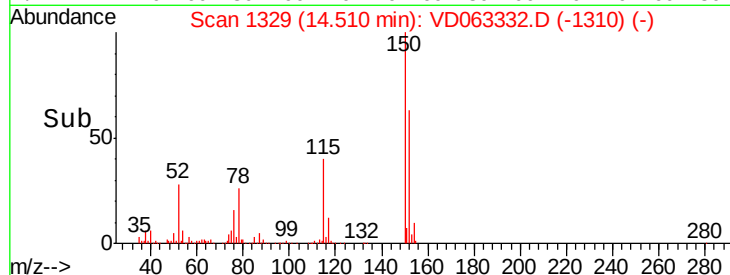
150 159.8 0.0 320.6



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: 131.556 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063332.D

Acq: 2 Aug 2019 23:39

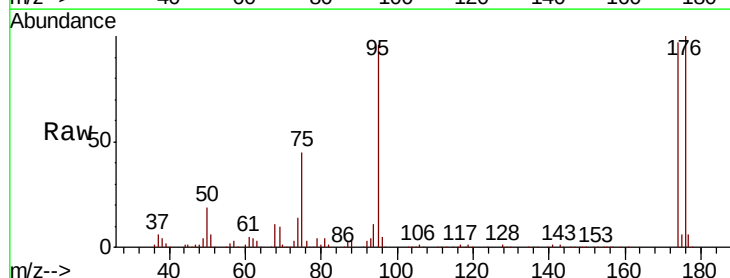
Tgt Ion: 75 Resp: 280767

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

