

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062229.D
 Acq On : 11 May 2019 11:24
 Operator : FY/SY
 Sample : VD0511SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

Quant Time: May 11 22:19:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	901263	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1243025	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1035852	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	553008	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	385876	46.07	ug/l	0.03
Spiked Amount			Recovery	=	92.14%	
35) Dibromofluoromethane	6.92	113	465404	45.13	ug/l	0.03
Spiked Amount			Recovery	=	90.26%	
50) Toluene-d8	10.41	98	1065004	42.83	ug/l	0.01
Spiked Amount			Recovery	=	85.66%	
62) 4-Bromofluorobenzene	13.56	95	467518	46.82	ug/l	0.01
Spiked Amount			Recovery	=	93.64%	

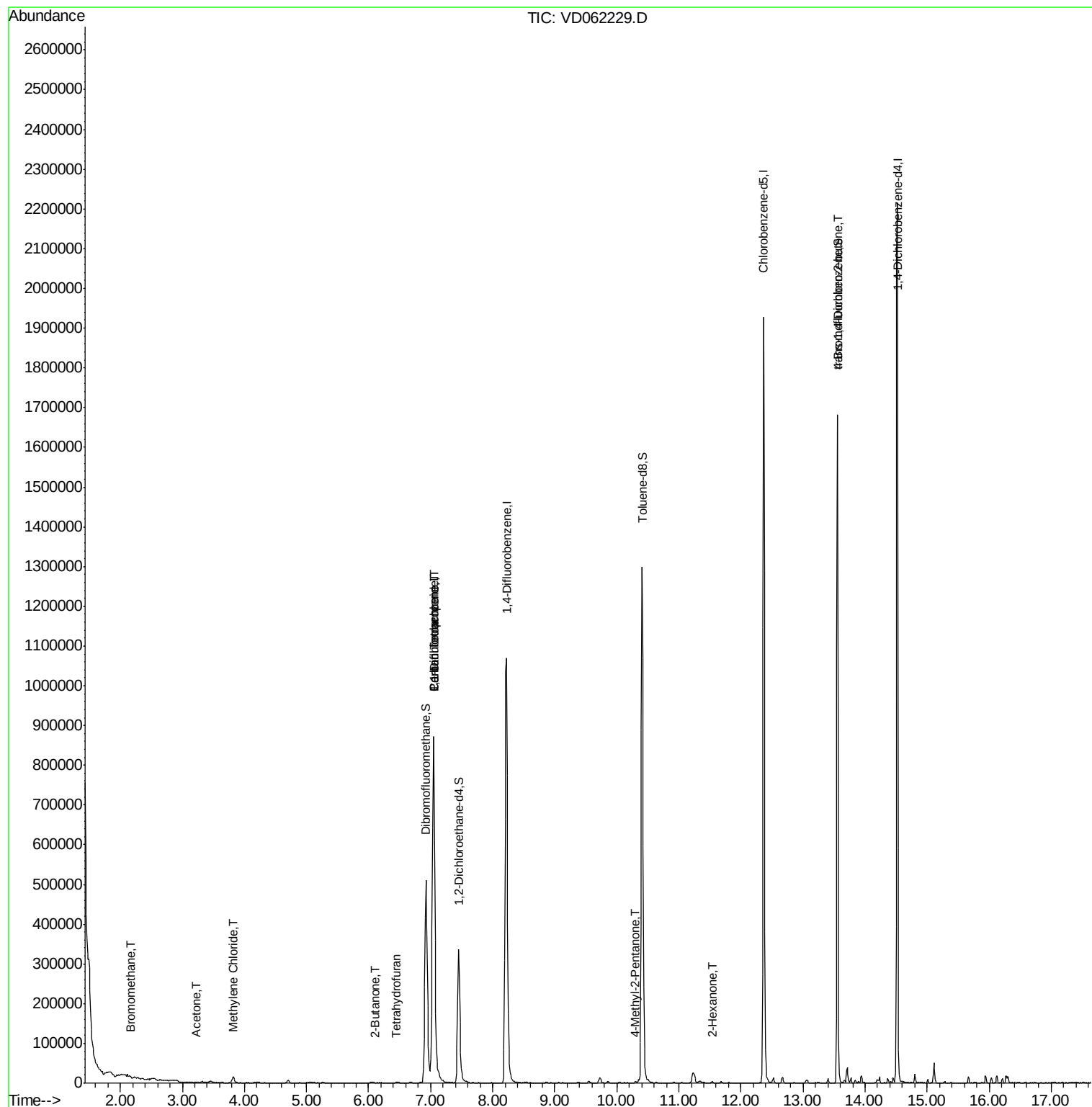
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1620	1.129	ug/l #	12
16) Acetone	3.21	43	5453	3.105	ug/l #	50
20) Methylene Chloride	3.81	84	9264	1.263	ug/l	94
25) 2-Butanone	6.11	43	2453	1.280	ug/l #	56
29) Tetrahydrofuran	6.45	42	1166	1.321	ug/l #	30
36) 1,1-Dichloropropene	7.04	75	67718	6.644	ug/l #	46
38) Carbon Tetrachloride	7.04	117	87839	6.227	ug/l #	15
51) 4-Methyl-2-Pentanone	10.30	43	4072	1.033	ug/l	99
59) 2-Hexanone	11.54	43	3599	1.239	ug/l #	55
81) trans-1,4-Dichloro-2-buten	13.56	75	195031	105.119	ug/l #	16

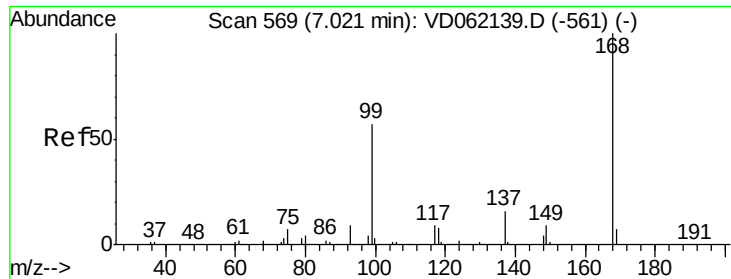
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051119\
Data File : VD062229.D
Acq On : 11 May 2019 11:24
Operator : FY/SY
Sample : VD0511SBL01
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Quant Time: May 11 22:19:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

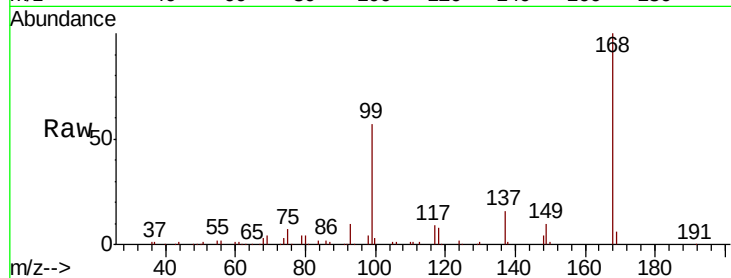
VD0511SBL01

Tot Ion:168 Resp: 901263

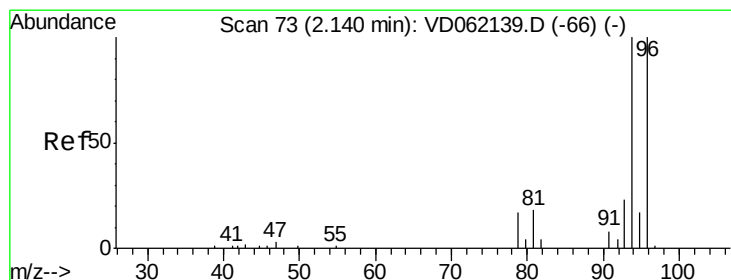
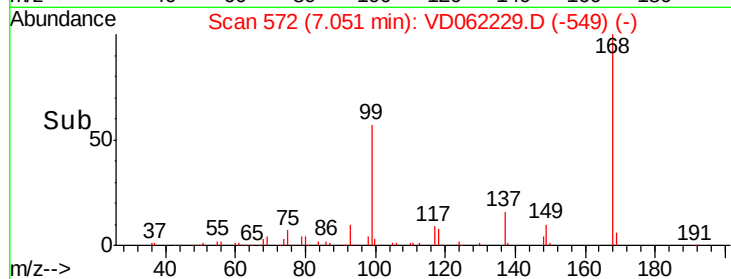
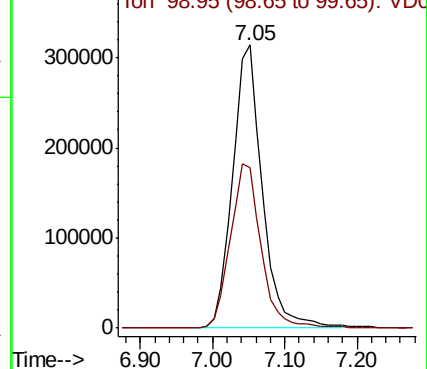
Ion Ratio Lower Upper

168 100

99 56.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#5

Bromomethane

Concen: 1.129 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

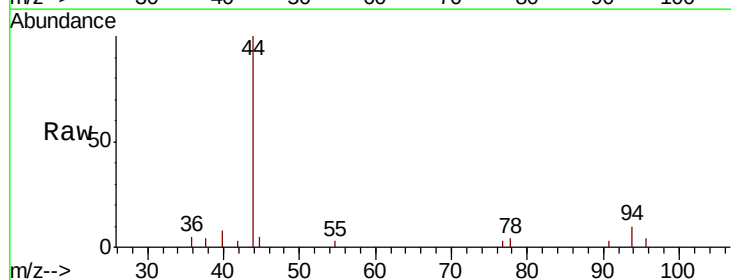
Tgt Ion: 94 Resp: 1620

Ion Ratio Lower Upper

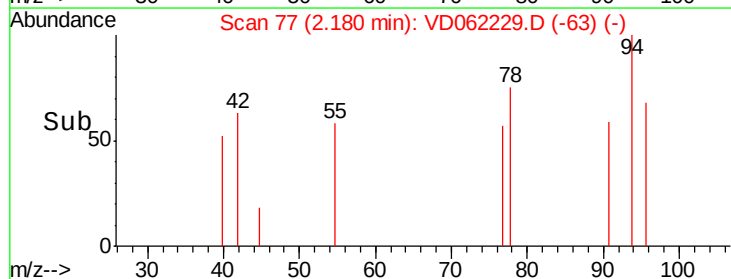
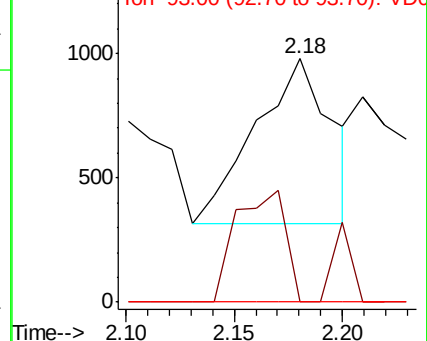
94 100

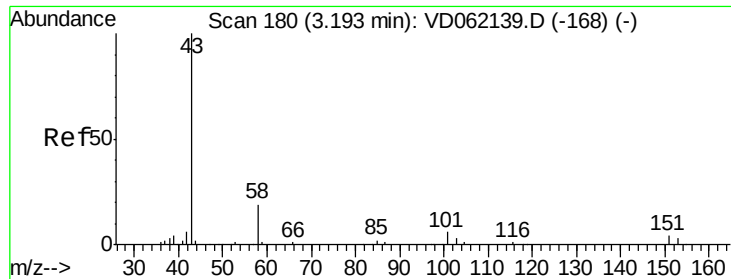
96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V





#16

Acetone

Concen: 3.105 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

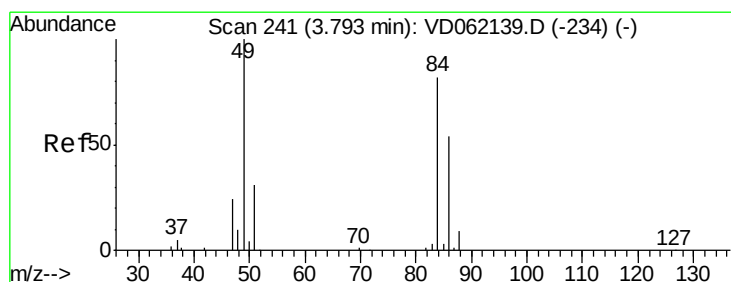
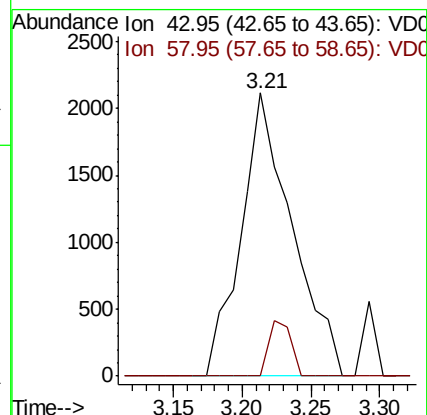
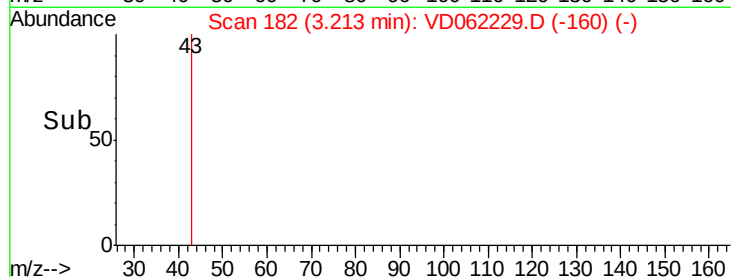
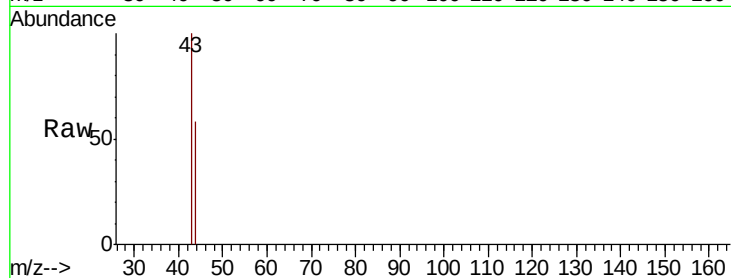
VD0511SBL01

Tot Ion: 43 Resp: 5453

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 1.263 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Tgt Ion: 84 Resp: 9264

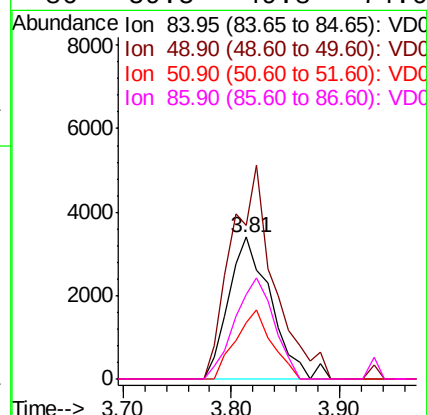
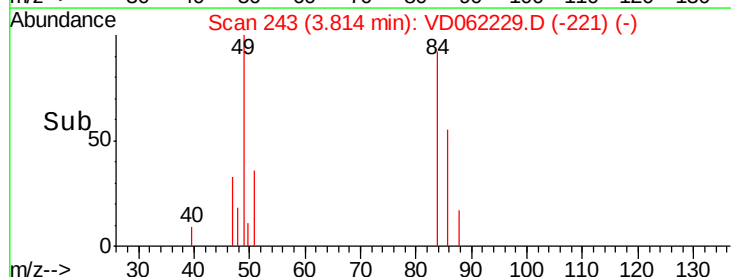
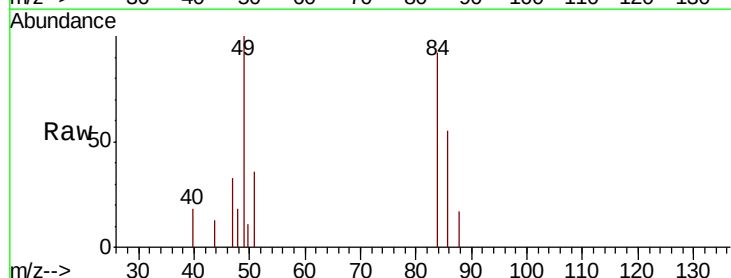
Ion Ratio Lower Upper

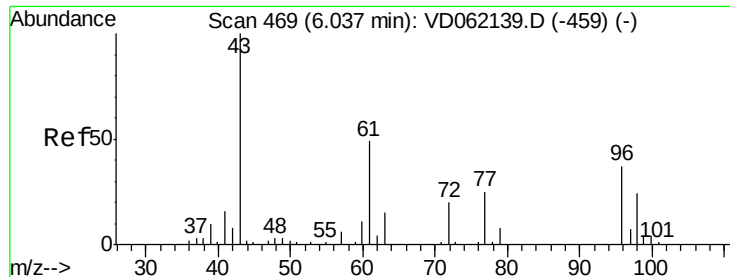
84 100

49 108.7 94.0 141.0

51 39.6 29.0 43.4

86 59.5 49.8 74.6





#25

2-Butanone

Concen: 1.280 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.07 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

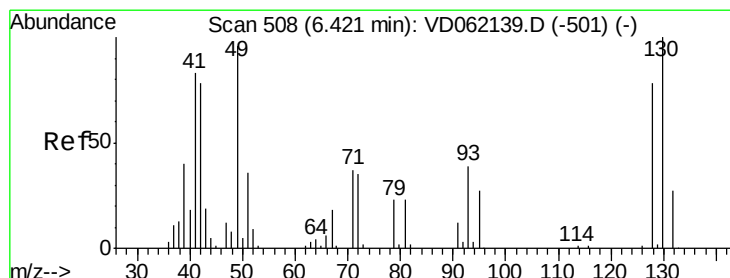
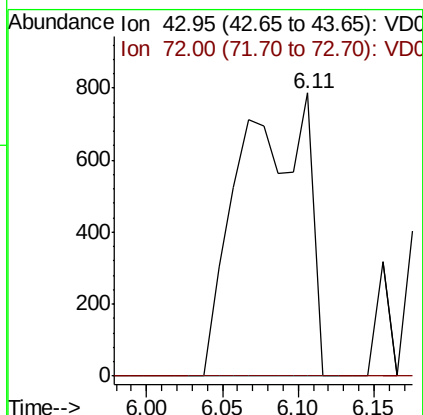
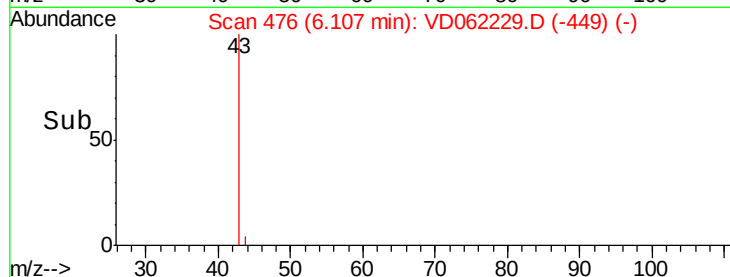
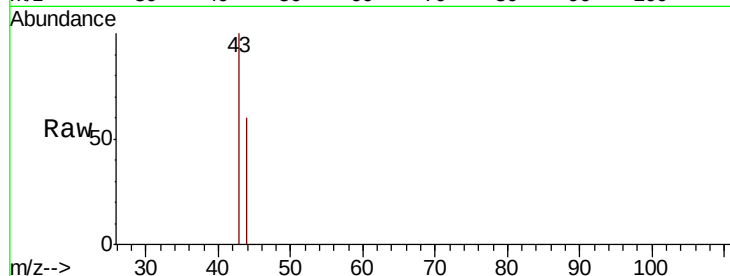
VD0511SBL01

Tot Ion: 43 Resp: 2453

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#



#29

Tetrahydrofuran

Concen: 1.321 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.03 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

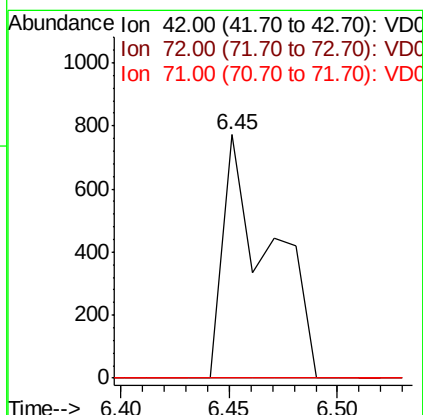
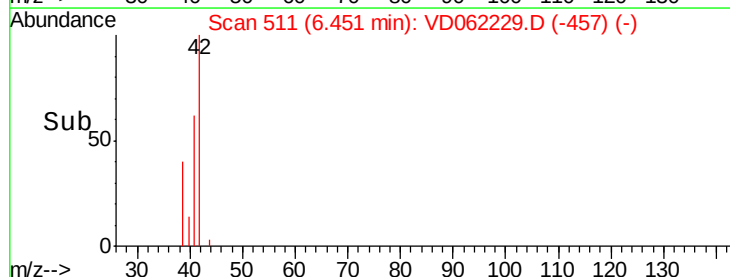
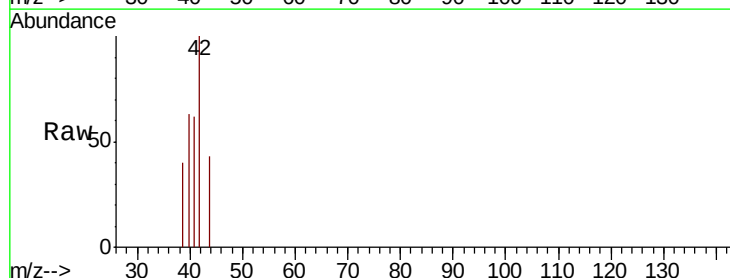
Tgt Ion: 42 Resp: 1166

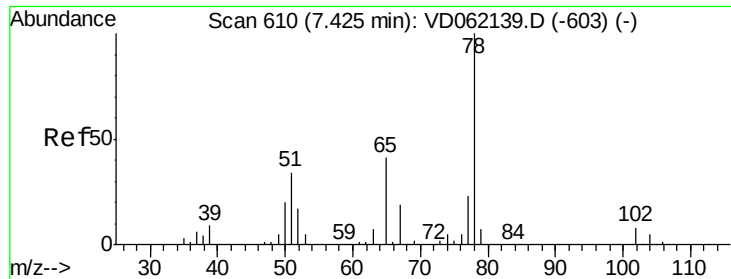
Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 36.7 55.1#

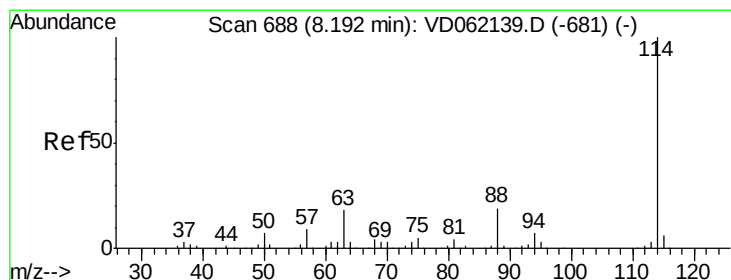
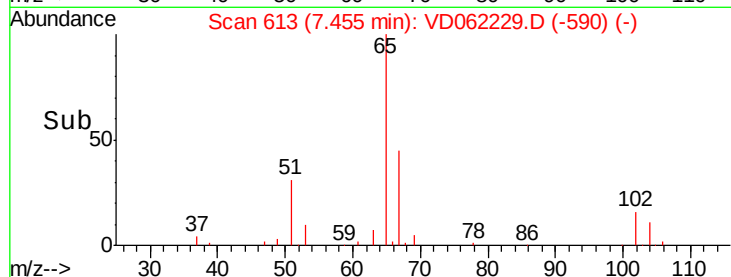
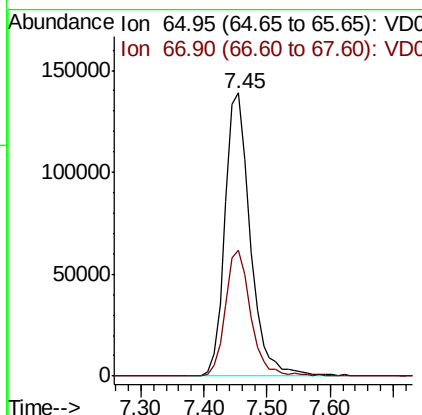
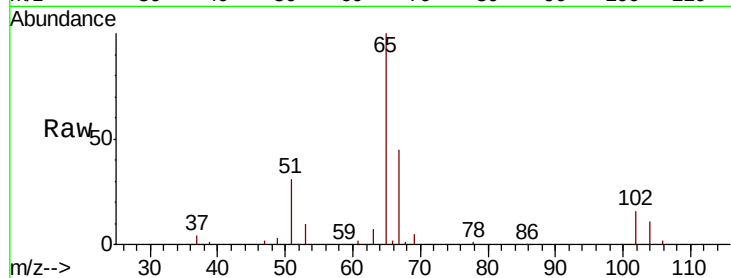




#33
 1,2-Dichloroethane-d4
 Concen: 46.072 ug/l
 RT: 7.45 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

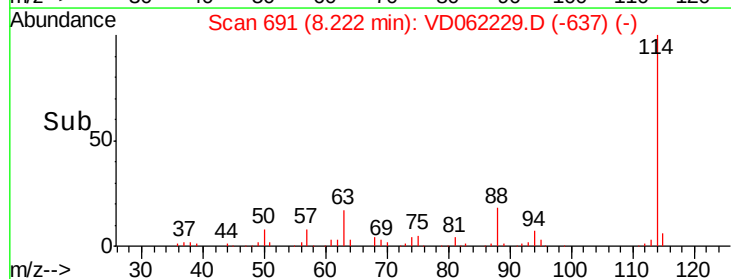
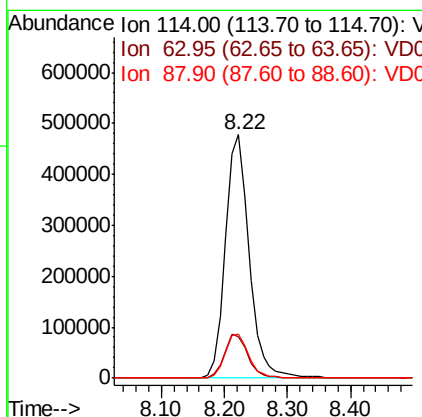
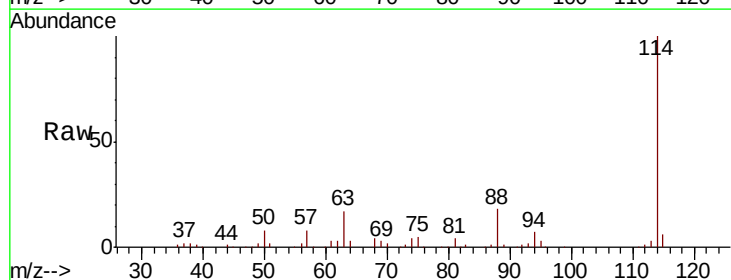
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

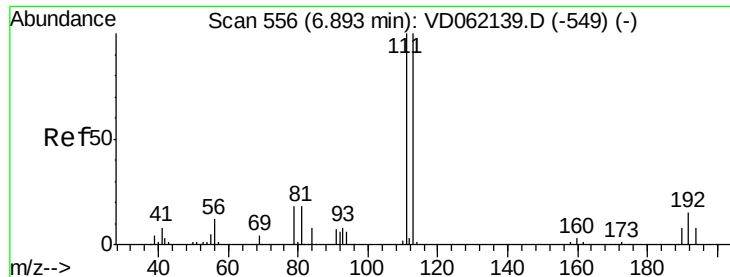
Tot Ion: 65 Resp: 385876
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

Tgt Ion: 114 Resp: 1243025
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 32.4
 88 18.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 45.126 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0511SBL01

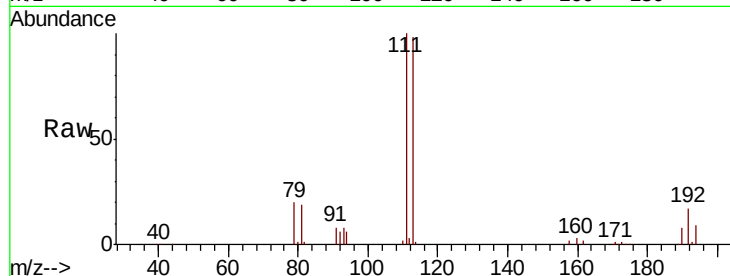
Tot Ion:113 Resp: 465404

Ion Ratio Lower Upper

113 100

111 101.8 78.5 117.7

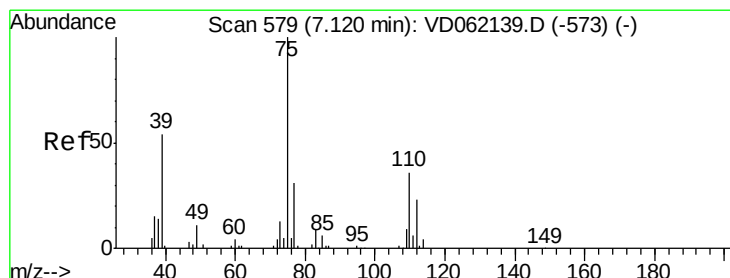
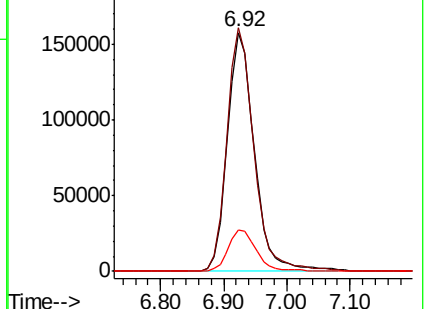
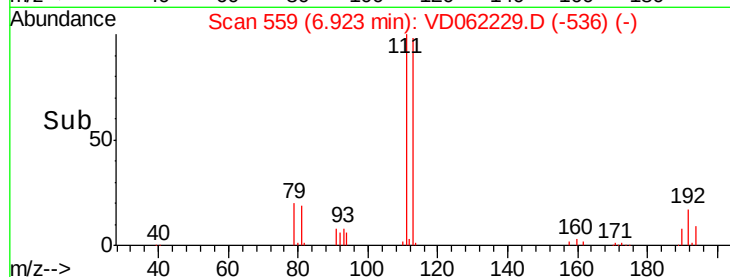
192 17.3 13.0 19.4



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: 6.644 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

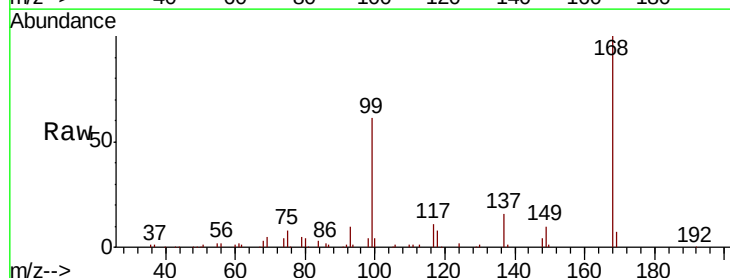
Tgt Ion: 75 Resp: 67718

Ion Ratio Lower Upper

75 100

110 7.2 19.1 57.1#

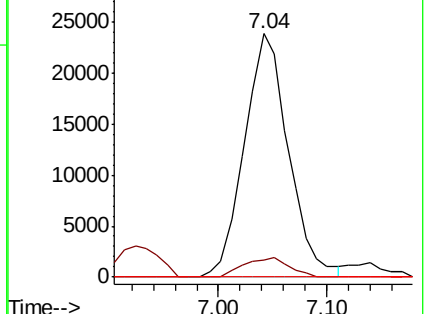
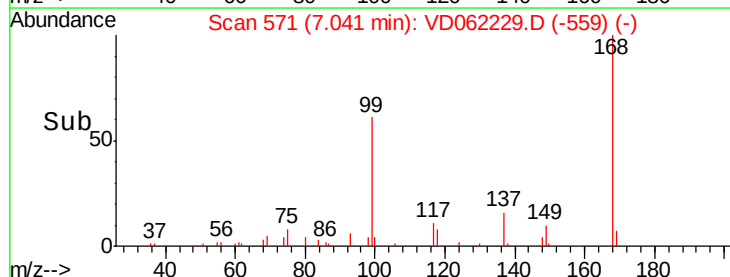
77 0.0 25.6 38.4#

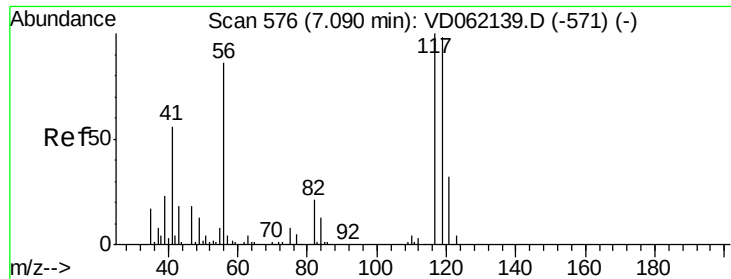


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

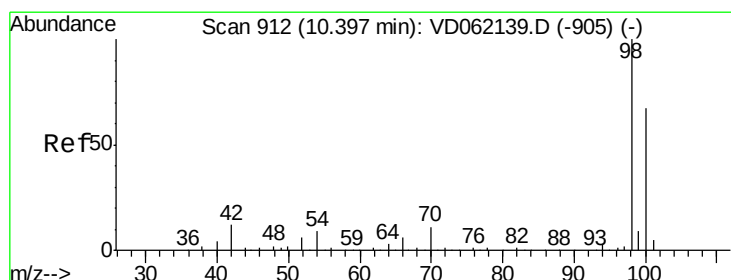
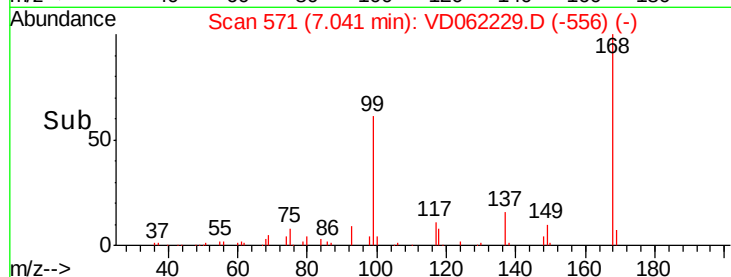
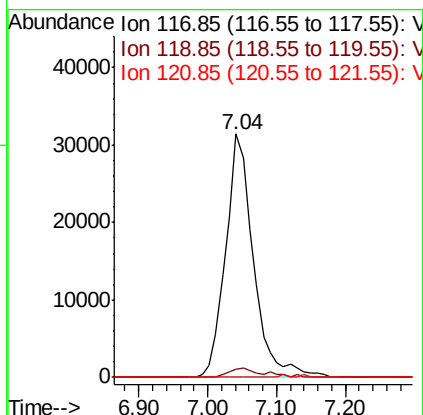
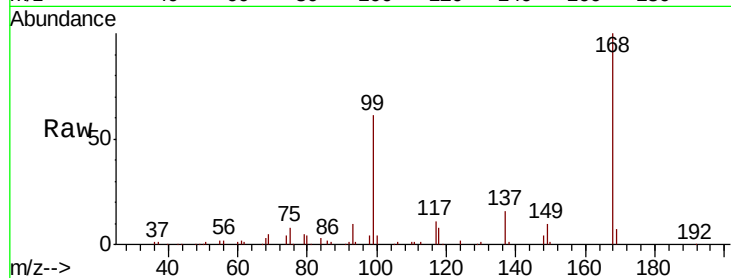




#38
Carbon Tetrachloride
Concen: 6.227 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD062229.D
Acq: 11 May 2019 11:24

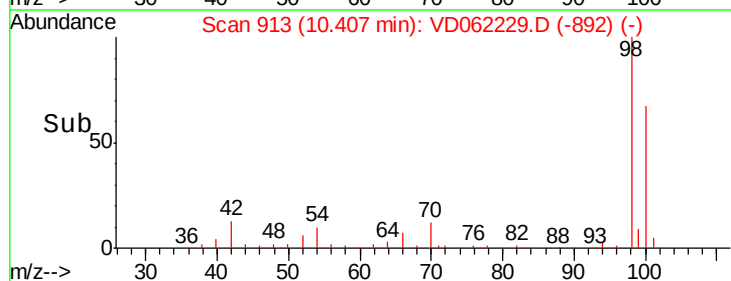
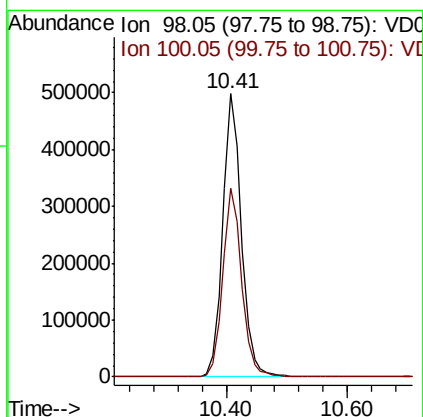
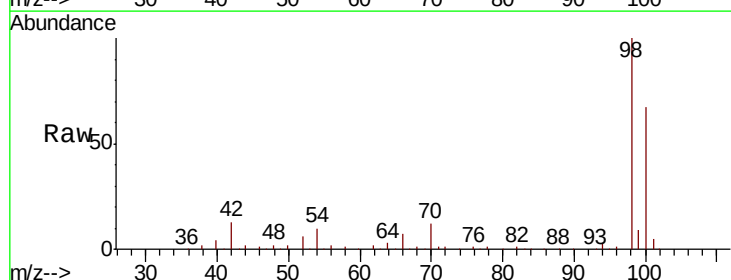
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

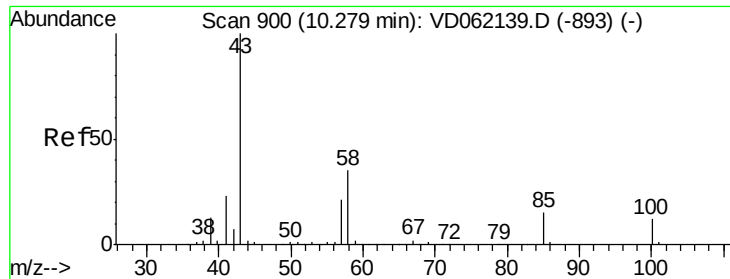
Tot Ion:117 Resp: 87839
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 42.829 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062229.D
Acq: 11 May 2019 11:24

Tgt Ion: 98 Resp: 1065004
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 1.033 ug/l

RT: 10.30 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

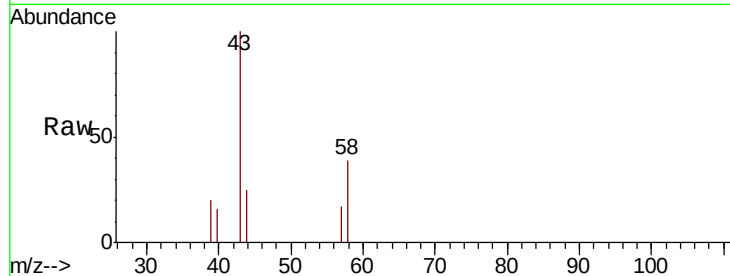
VD0511SBL01

Tot Ion: 43 Resp: 4072

Ion Ratio Lower Upper

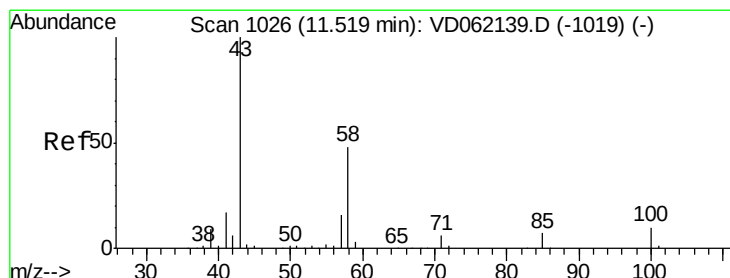
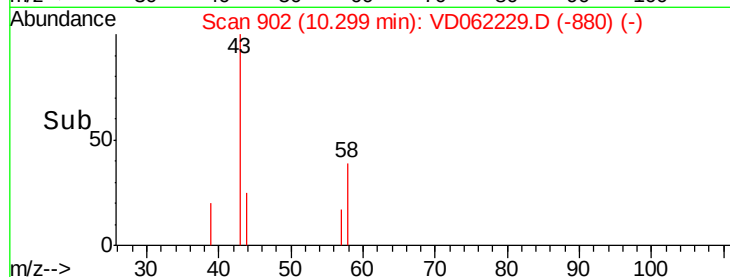
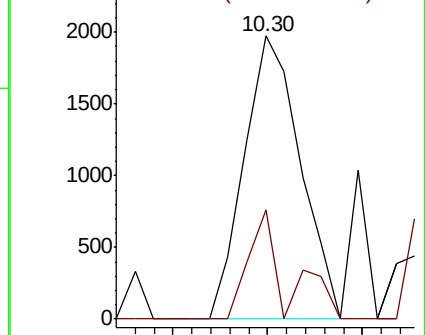
43 100

58 38.5 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#59

2-Hexanone

Concen: 1.239 ug/l

RT: 11.54 min Scan# 1028

Delta R.T. 0.02 min

Lab File: VD062229.D

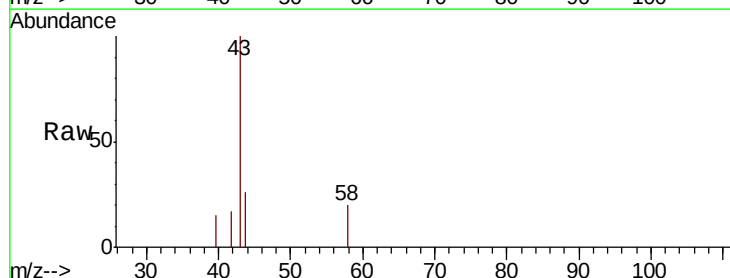
Acq: 11 May 2019 11:24

Tgt Ion: 43 Resp: 3599

Ion Ratio Lower Upper

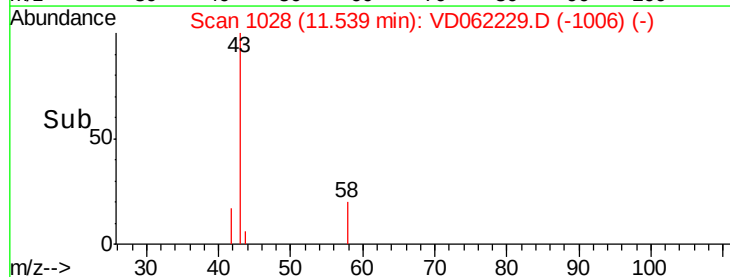
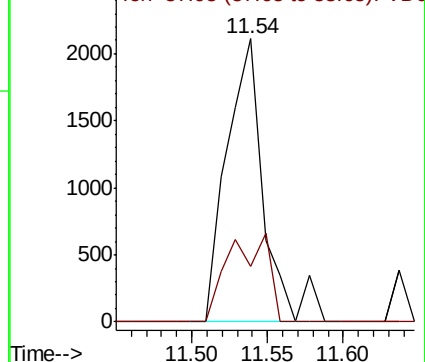
43 100

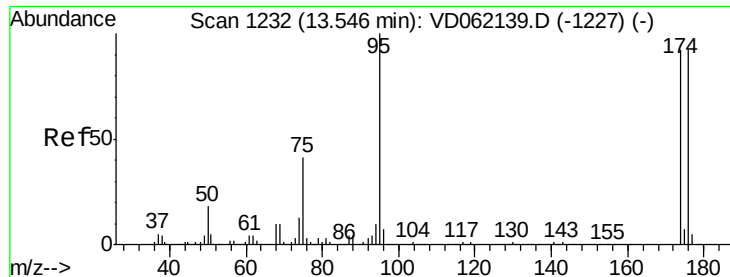
58 19.6 25.4 76.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: 46.819 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0511SBL01

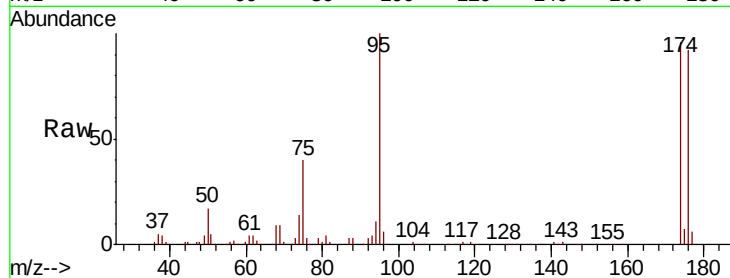
Tot Ion: 95 Resp: 467518

Ion Ratio Lower Upper

95 100

174 95.7 0.0 181.8

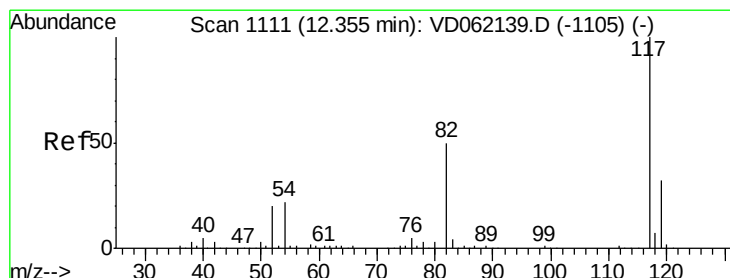
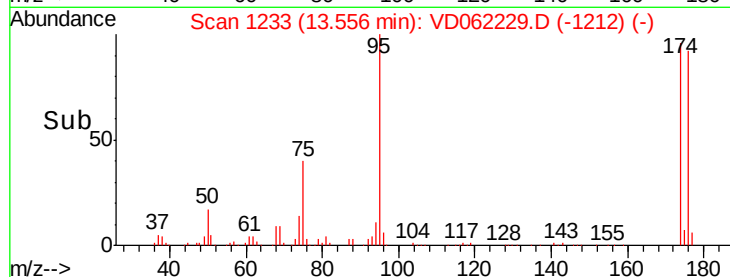
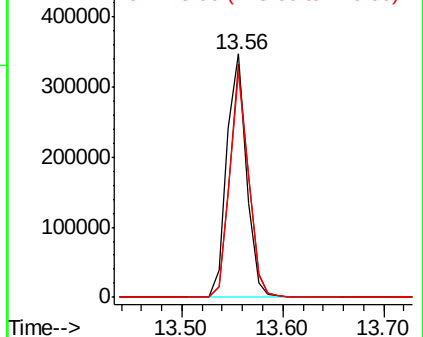
176 92.3 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062229.D

Acq: 11 May 2019 11:24

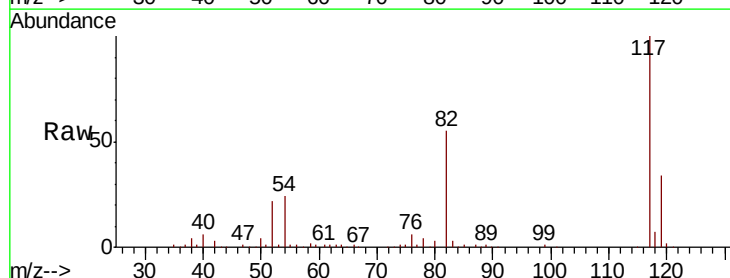
Tgt Ion: 117 Resp: 1035852

Ion Ratio Lower Upper

117 100

82 55.1 36.2 54.2#

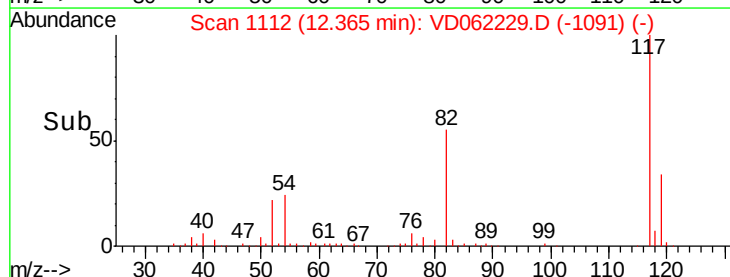
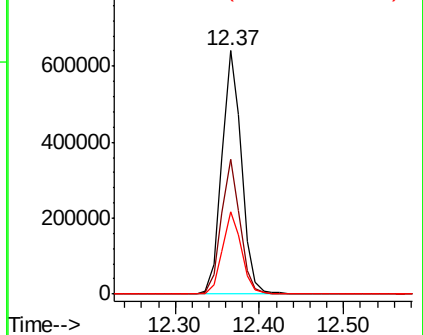
119 33.7 26.2 39.4

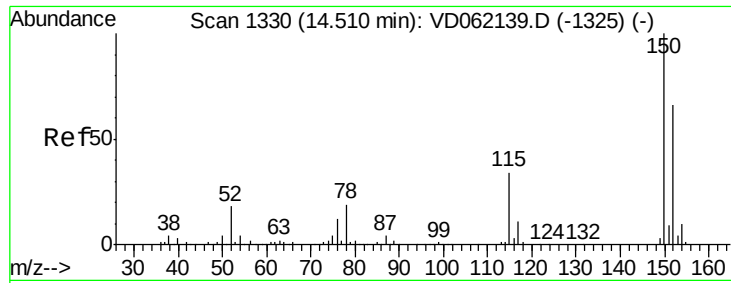


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

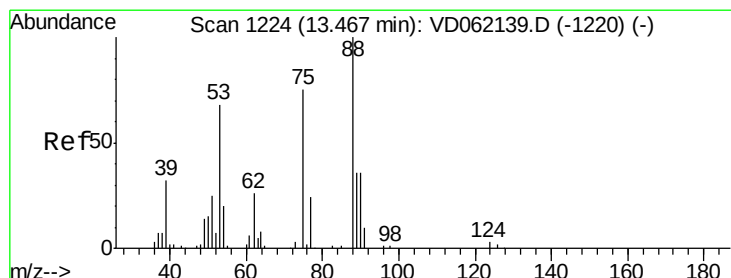
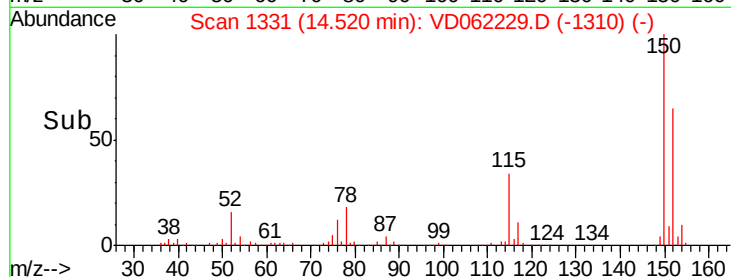
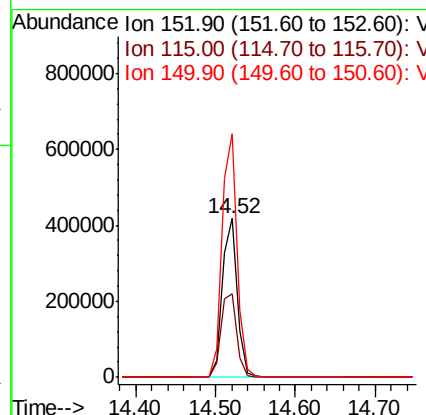
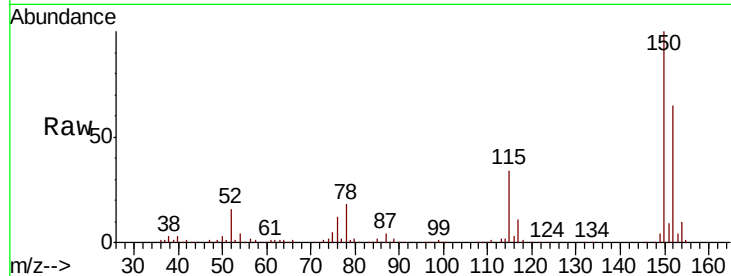




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

Tot Ion:152 Resp: 553008
 Ion Ratio Lower Upper
 152 100
 115 52.4 30.9 92.7
 150 153.5 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.119 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD062229.D
 Acq: 11 May 2019 11:24

Tgt Ion: 75 Resp: 195031
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

