

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062149.D
 Acq On : 7 May 2019 23:59
 Operator : FY/SY
 Sample : K2673-03
 Misc : 5.03g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-2.0-2.5

Quant Time: May 08 04:33:18 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	7.02	168	478294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	730931	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	465956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	132658	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	266377	59.93	ug/l	0.00
Spiked Amount			Recovery	=	119.86%	
35) Dibromofluoromethane	6.90	113	319543	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
50) Toluene-d8	10.39	98	530281	36.27	ug/l	0.00
Spiked Amount			Recovery	=	72.54%	
62) 4-Bromofluorobenzene	13.54	95	155735	26.52	ug/l	0.00
Spiked Amount			Recovery	=	53.04%	

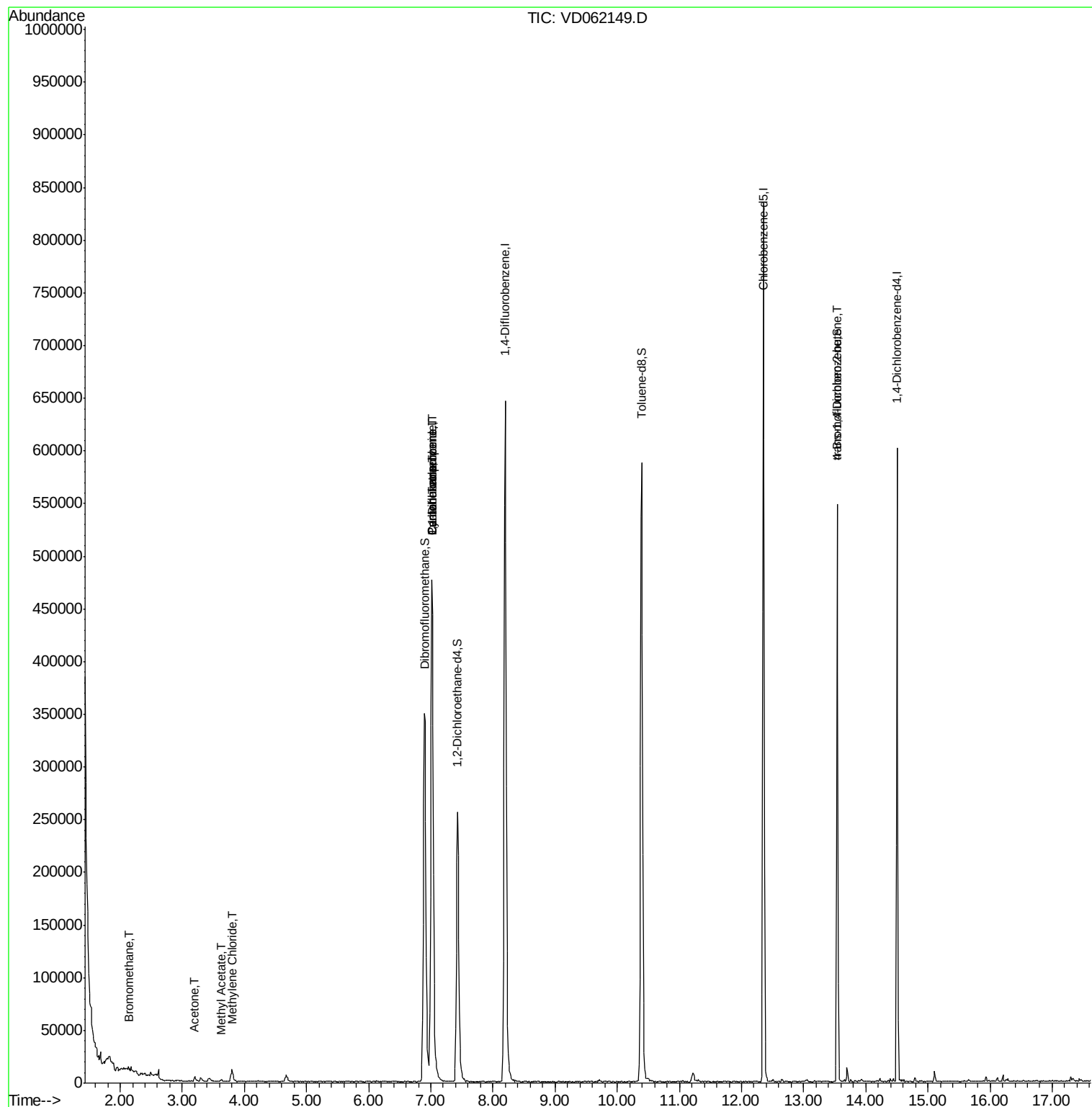
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	3031	3.982	ug/l #	12
16) Acetone	3.20	43	6992	7.501	ug/l #	89
18) Methyl Acetate	3.63	43	2544	1.230	ug/l #	53
20) Methylene Chloride	3.80	84	6704	1.723	ug/l #	85
31) Cyclohexane	7.02	56	8050	1.726	ug/l #	16
36) 1,1-Dichloropropene	7.03	75	34713	5.792	ug/l #	44
38) Carbon Tetrachloride	7.02	117	45930	5.537	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	63142	141.872	ug/l #	16

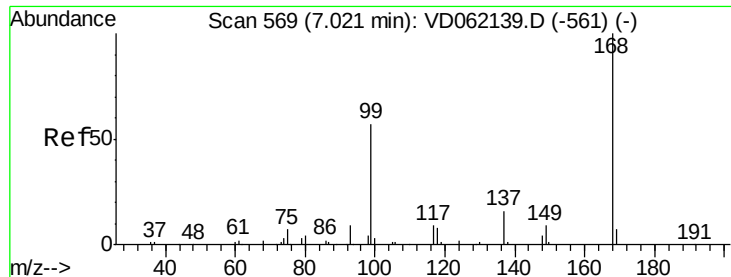
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050719\
Data File : VD062149.D
Acq On : 7 May 2019 23:59
Operator : FY/SY
Sample : K2673-03
Misc : 5.03g/5mL/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-2.0-2.5

Quant Time: May 08 04:33:18 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: 7.02 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

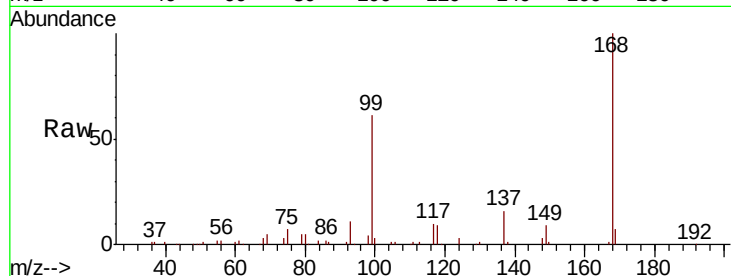
SB-12-2.0-2.5

Tot Ion:168 Resp: 478294

Ion Ratio Lower Upper

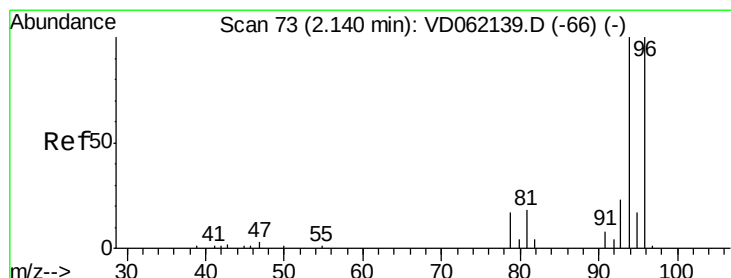
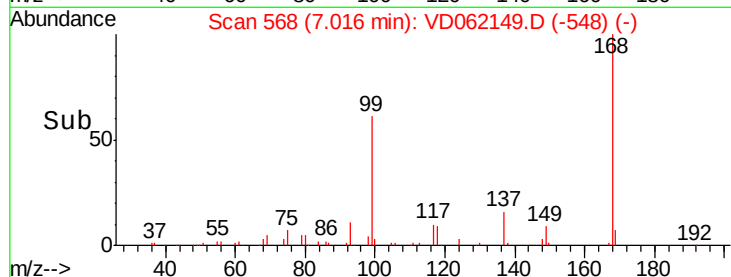
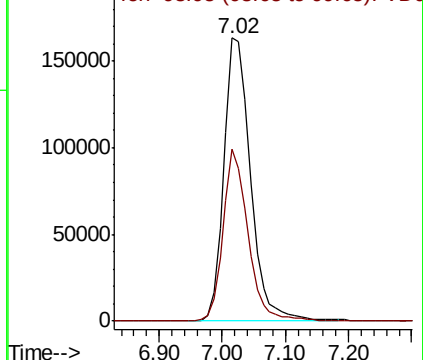
168 100

99 60.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 3.982 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

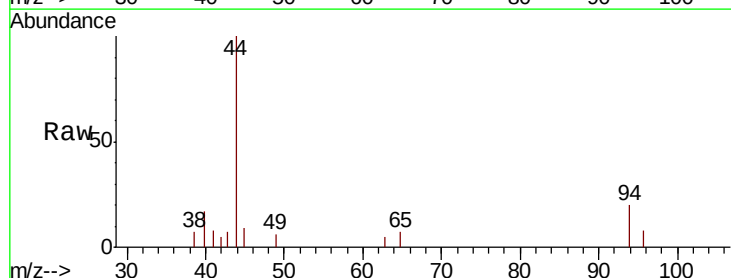
Tgt Ion: 94 Resp: 3031

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

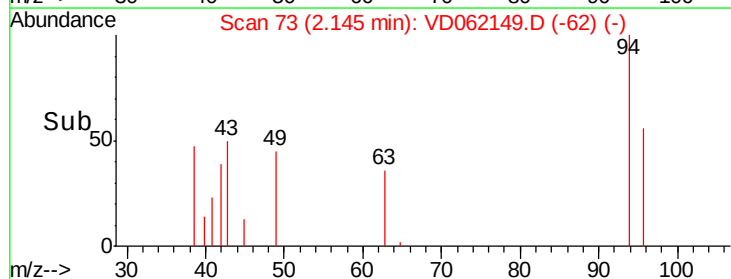
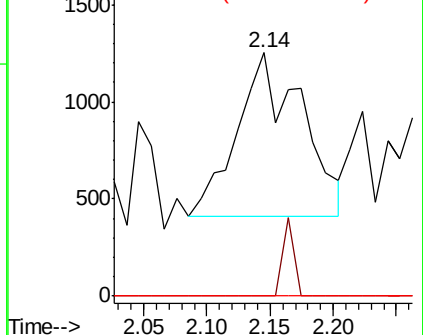
93 0.0 18.5 27.7#

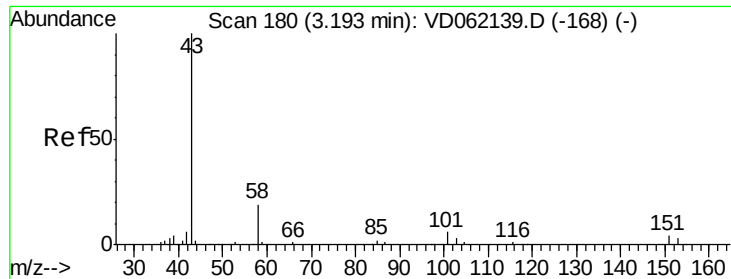


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 7.501 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

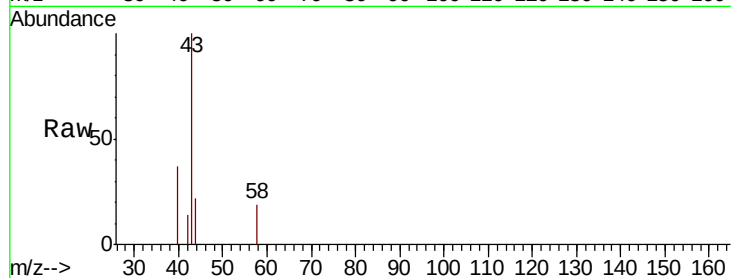
SB-12-2.0-2.5

Tot Ion: 43 Resp: 6992

Ion Ratio Lower Upper

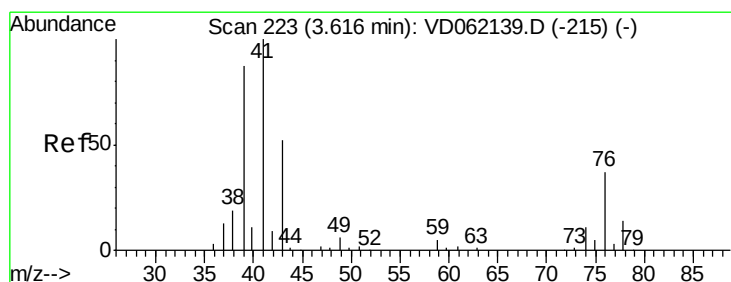
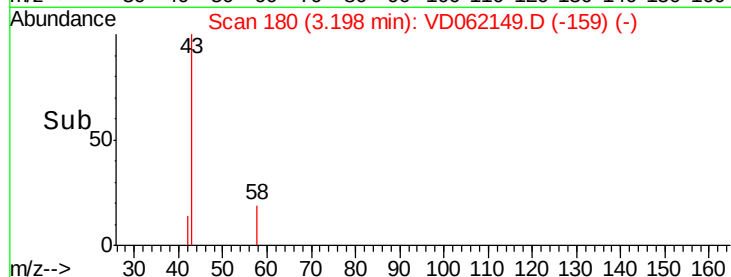
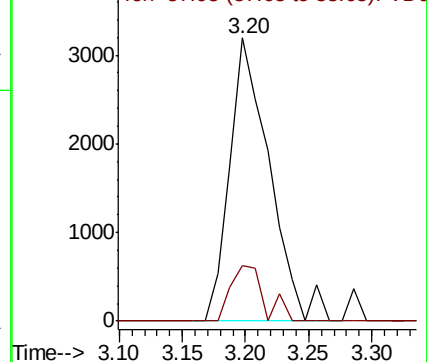
43 100

58 19.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.230 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.01 min

Lab File: VD062149.D

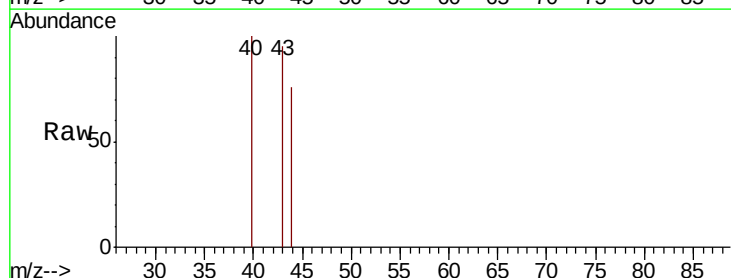
Acq: 7 May 2019 23:59

Tgt Ion: 43 Resp: 2544

Ion Ratio Lower Upper

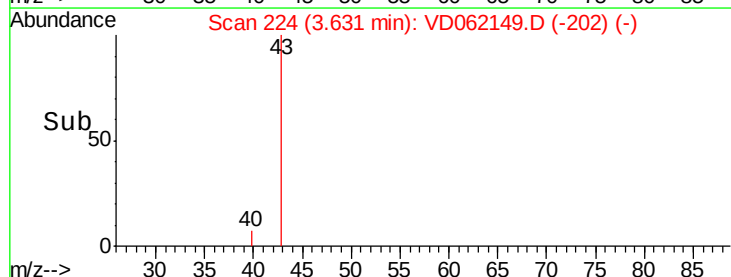
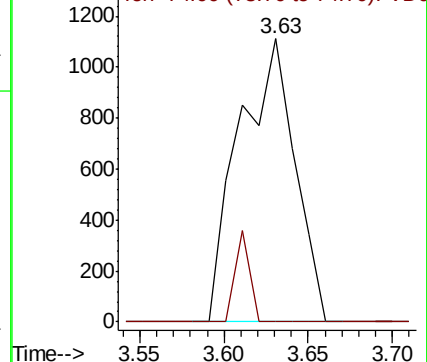
43 100

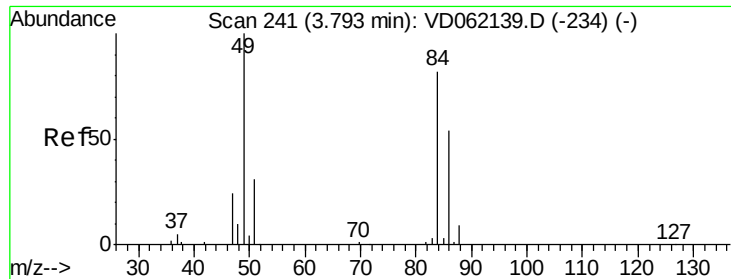
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

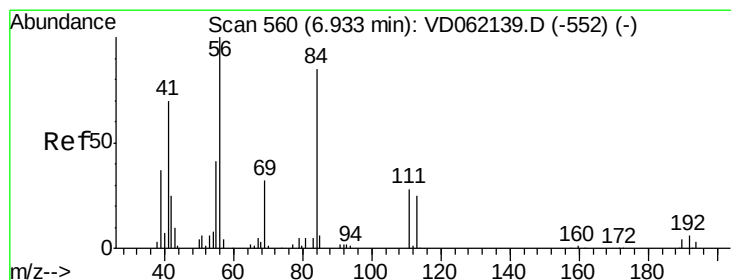
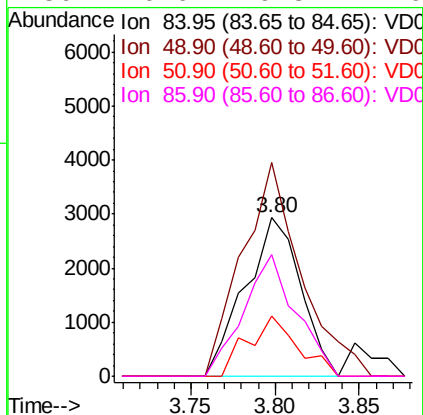
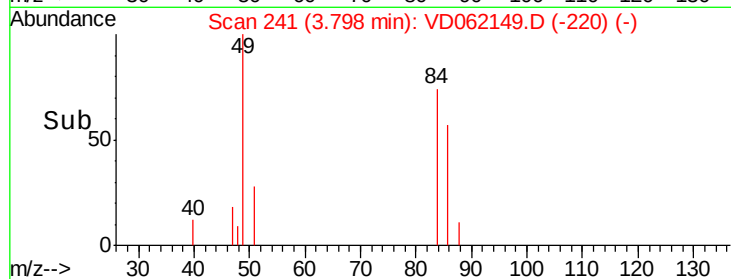
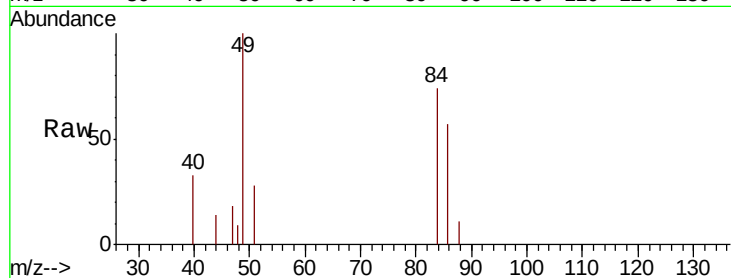




#20
Methylene Chloride
Concen: 1.723 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

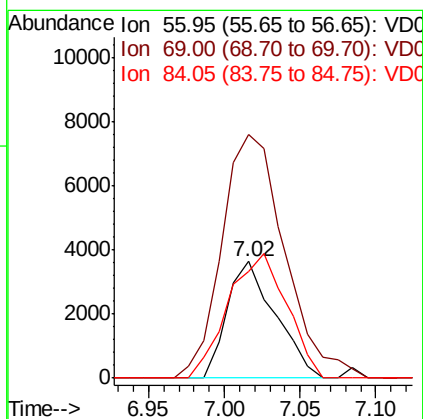
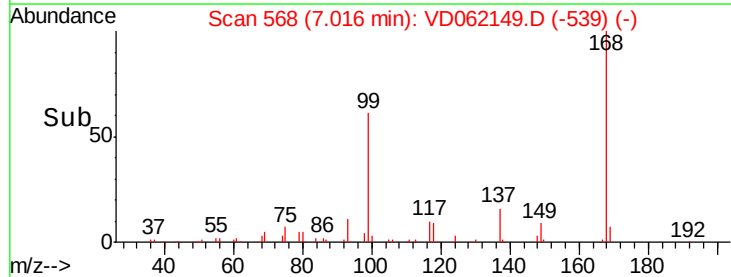
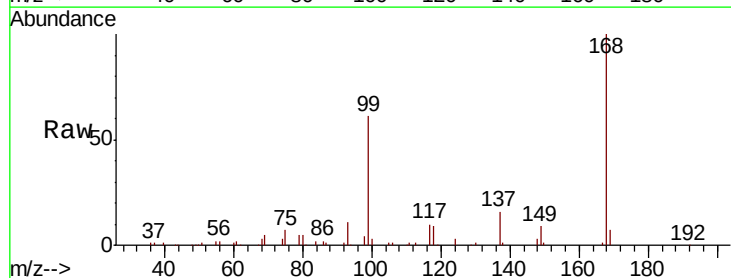
Instrument :
MSVOA_D
ClientSampleId :
SB-12-2.0-2.5

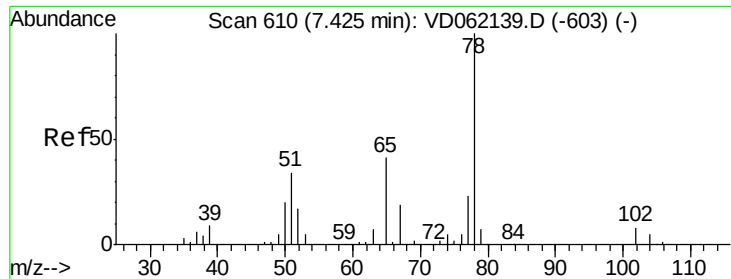
Tot Ion: 84 Resp: 6704
Ion Ratio Lower Upper
84 100
49 135.0 94.0 141.0
51 38.2 29.0 43.4
86 76.6 49.8 74.6#



#31
Cyclohexane
Concen: 1.726 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD062149.D
Acq: 7 May 2019 23:59

Tgt Ion: 56 Resp: 8050
Ion Ratio Lower Upper
56 100
69 208.7 25.8 38.6#
84 91.8 72.2 108.4

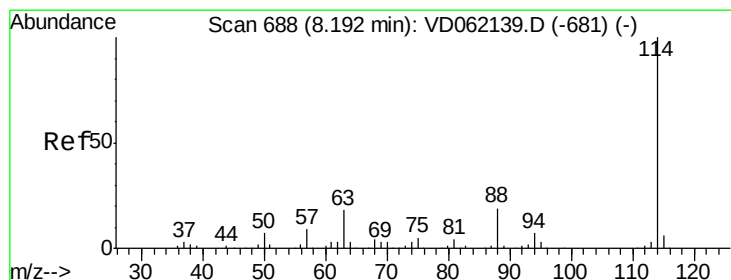
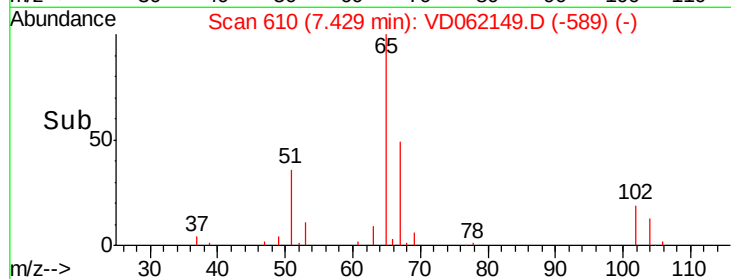
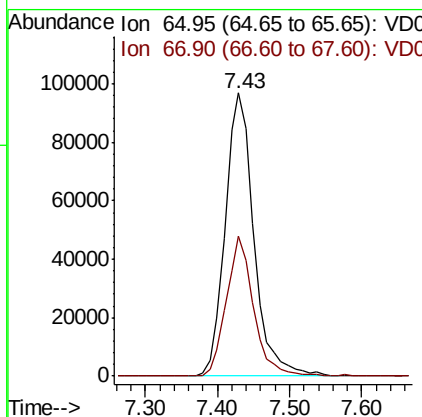
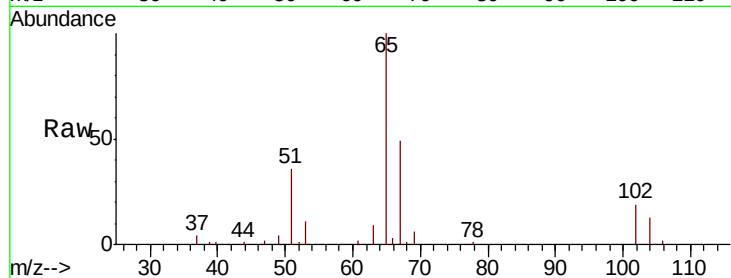




#33
 1,2-Dichloroethane-d4
 Concen: 59.929 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

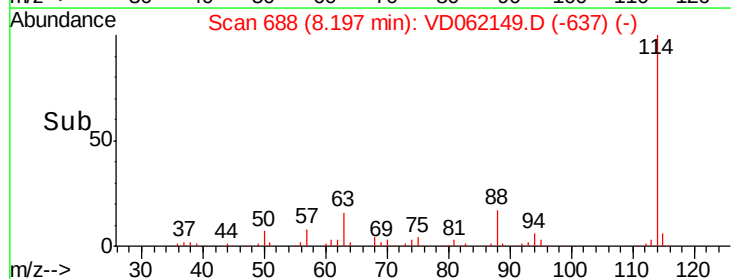
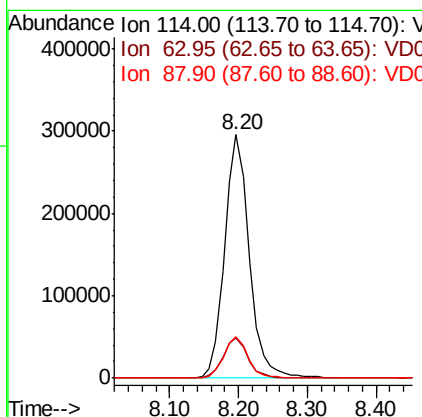
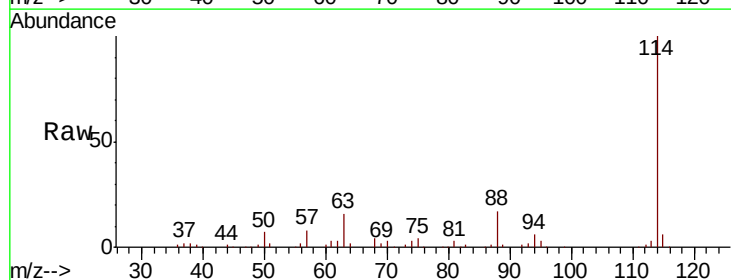
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-2.0-2.5

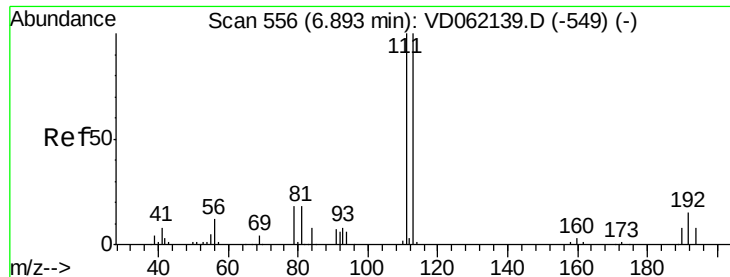
Tot Ion: 65 Resp: 266377
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

Tgt Ion: 114 Resp: 730931
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.1 0.0 33.6

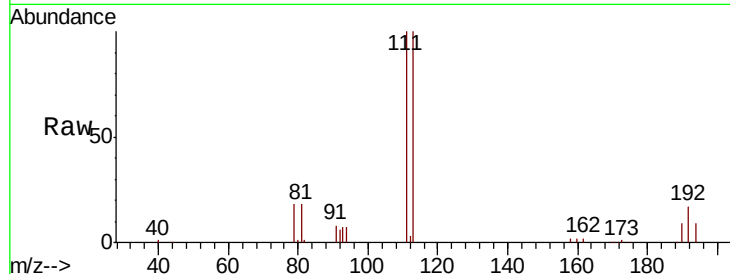




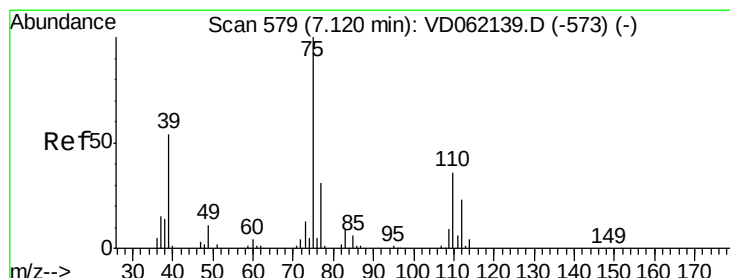
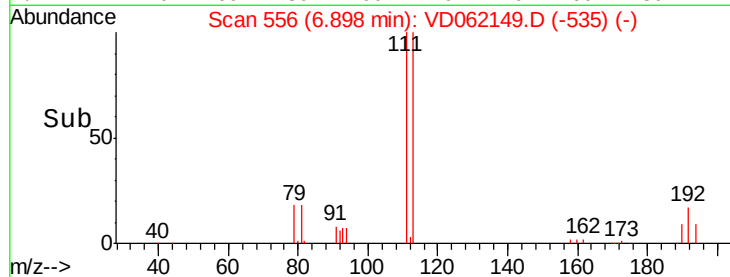
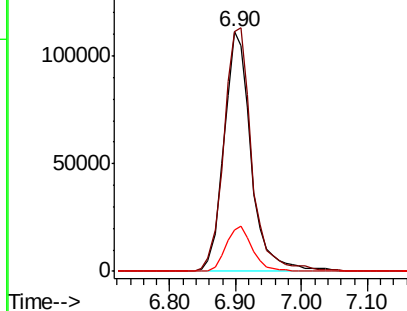
#35
 Dibromofluoromethane
 Concen: 52.690 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-2.0-2.5

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	78.5	117.7
192	17.3	13.0	19.4

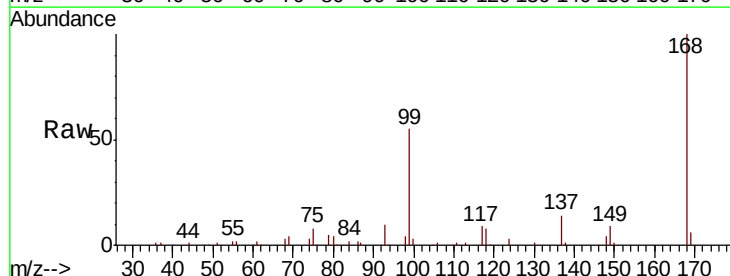


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

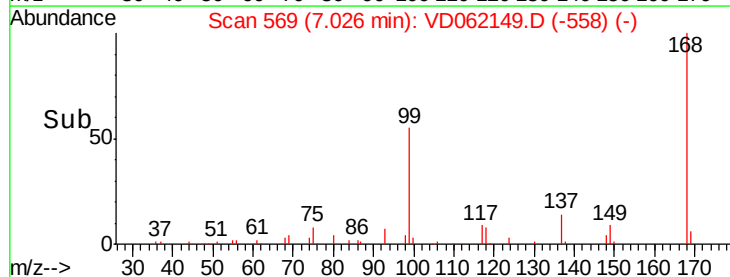
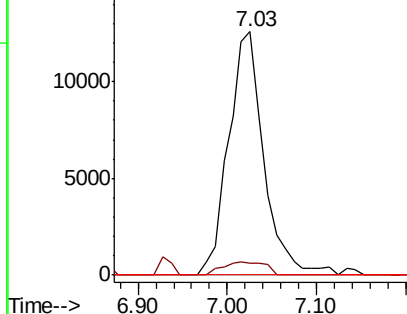


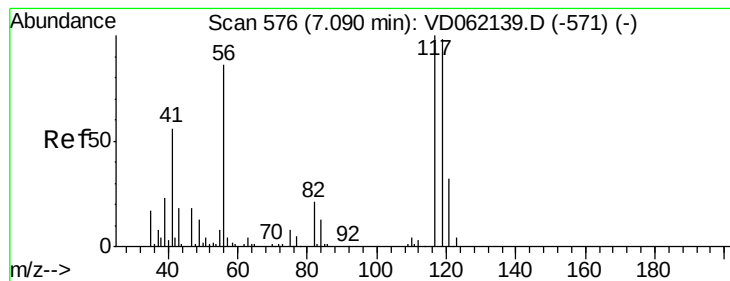
#36
 1,1-Dichloropropene
 Concen: 5.792 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.8	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: 5.537 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.07 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

SB-12-2.0-2.5

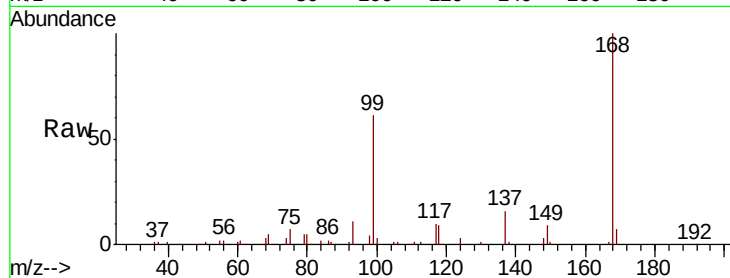
Tot Ion:117 Resp: 45930

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

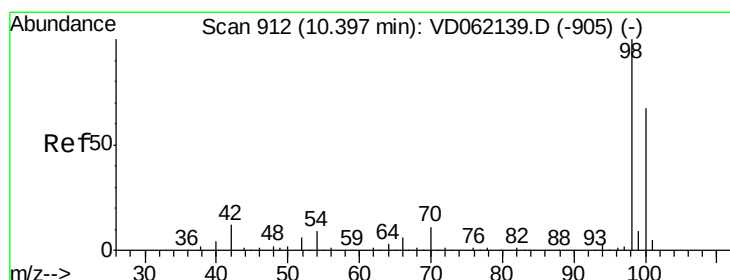
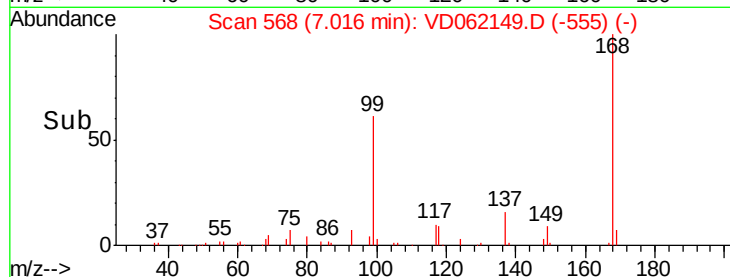
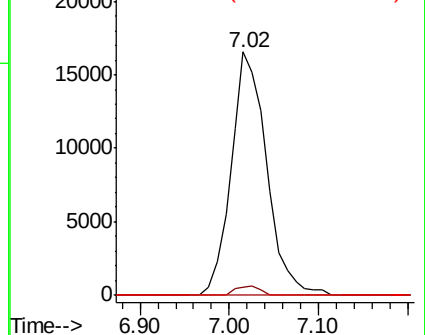
121 0.0 25.9 38.9#



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: 36.265 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062149.D

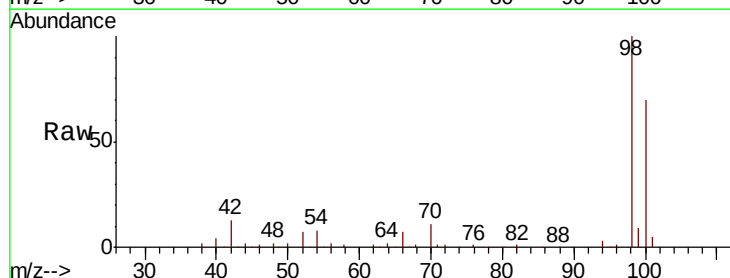
Acq: 7 May 2019 23:59

Tgt Ion: 98 Resp: 530281

Ion Ratio Lower Upper

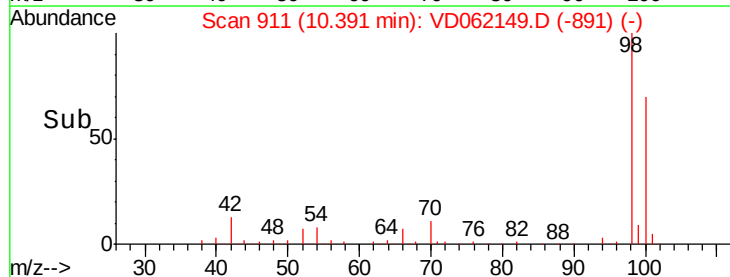
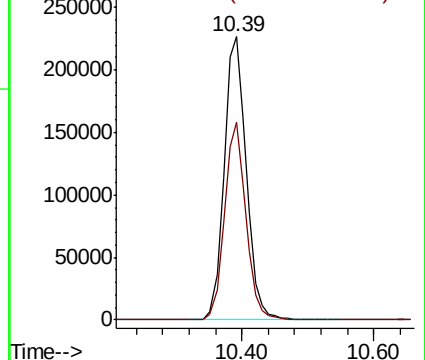
98 100

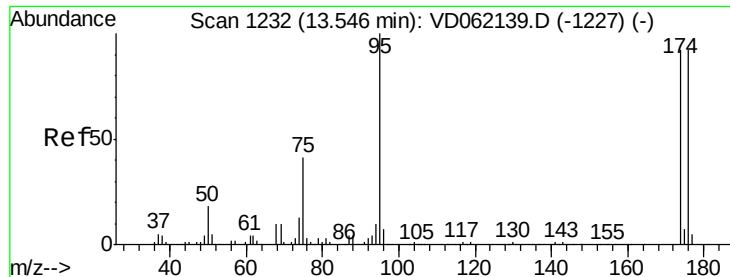
100 69.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 26.523 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

Instrument :

MSVOA_D

ClientSampleId :

SB-12-2.0-2.5

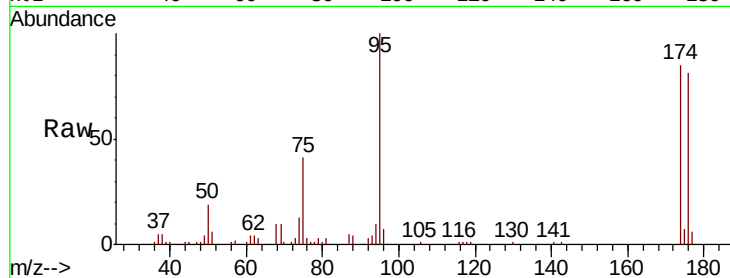
Tot Ion: 95 Resp: 155735

Ion Ratio Lower Upper

95 100

174 85.3 0.0 181.8

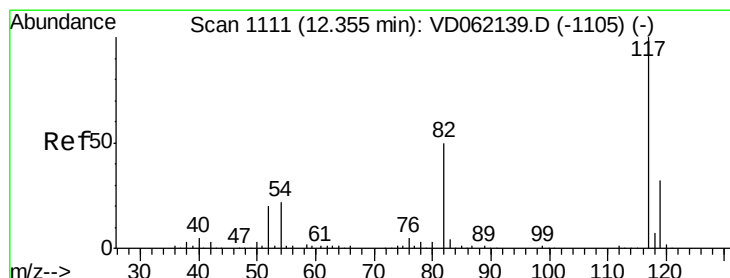
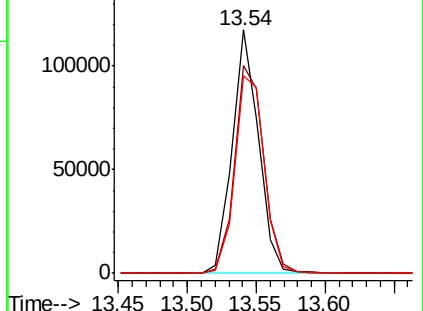
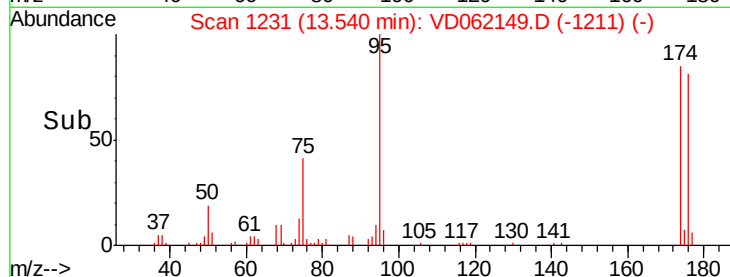
176 80.9 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD062149.D

Acq: 7 May 2019 23:59

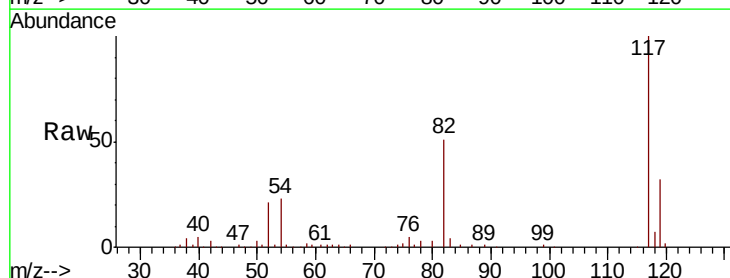
Tgt Ion: 117 Resp: 465956

Ion Ratio Lower Upper

117 100

82 51.1 36.2 54.2

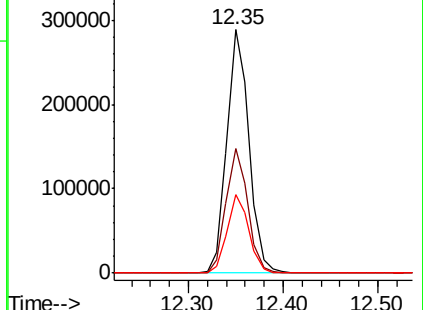
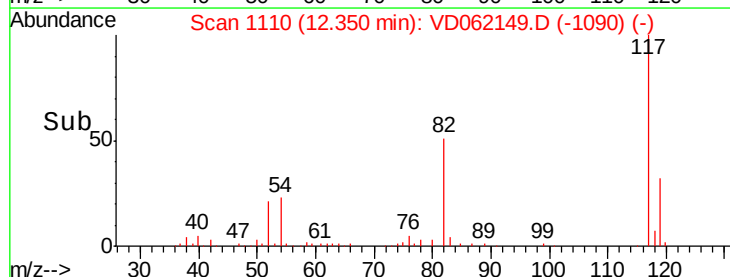
119 32.0 26.2 39.4

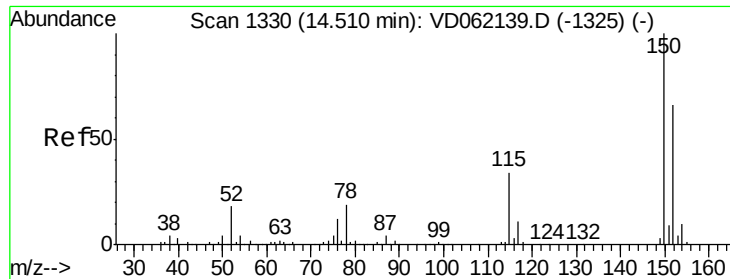


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

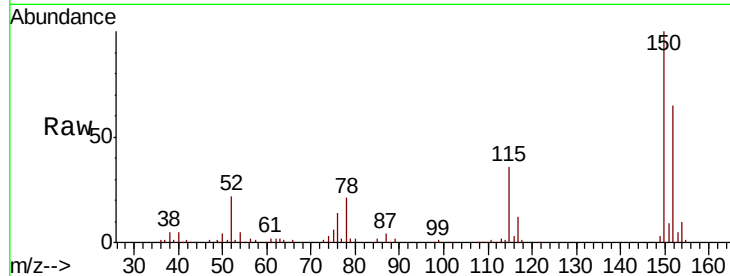




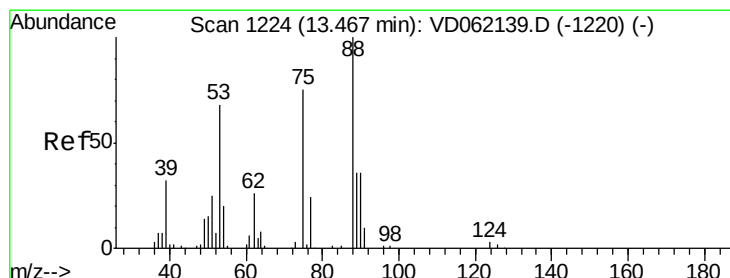
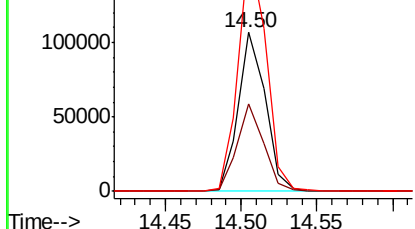
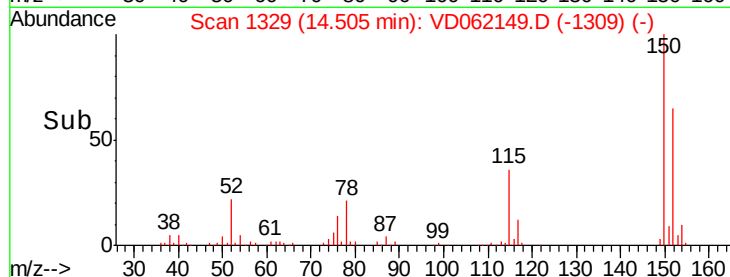
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-2.0-2.5

Tot Ion:152 Resp: 132658
 Ion Ratio Lower Upper
 152 100
 115 55.3 30.9 92.7
 150 153.4 0.0 314.8

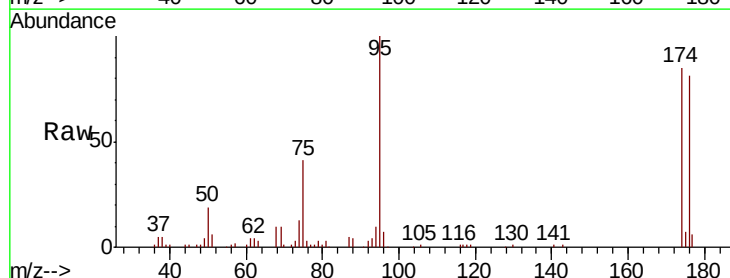


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.872 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD062149.D
 Acq: 7 May 2019 23:59

Tgt Ion: 75 Resp: 63142
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#



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

