

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062177.D
 Acq On : 8 May 2019 16:39
 Operator : FY/SY
 Sample : K2672-11
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-1.5-2.0RE

Quant Time: May 09 01:25:29 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	7.03	168	32080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	59822	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	44547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	19560	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	34590	116.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	232.06%	
35) Dibromofluoromethane	6.91	113	30096	60.63	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	121.26%	
50) Toluene-d8	10.39	98	46707	39.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.06%	
62) 4-Bromofluorobenzene	13.54	95	21924	45.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.24%	

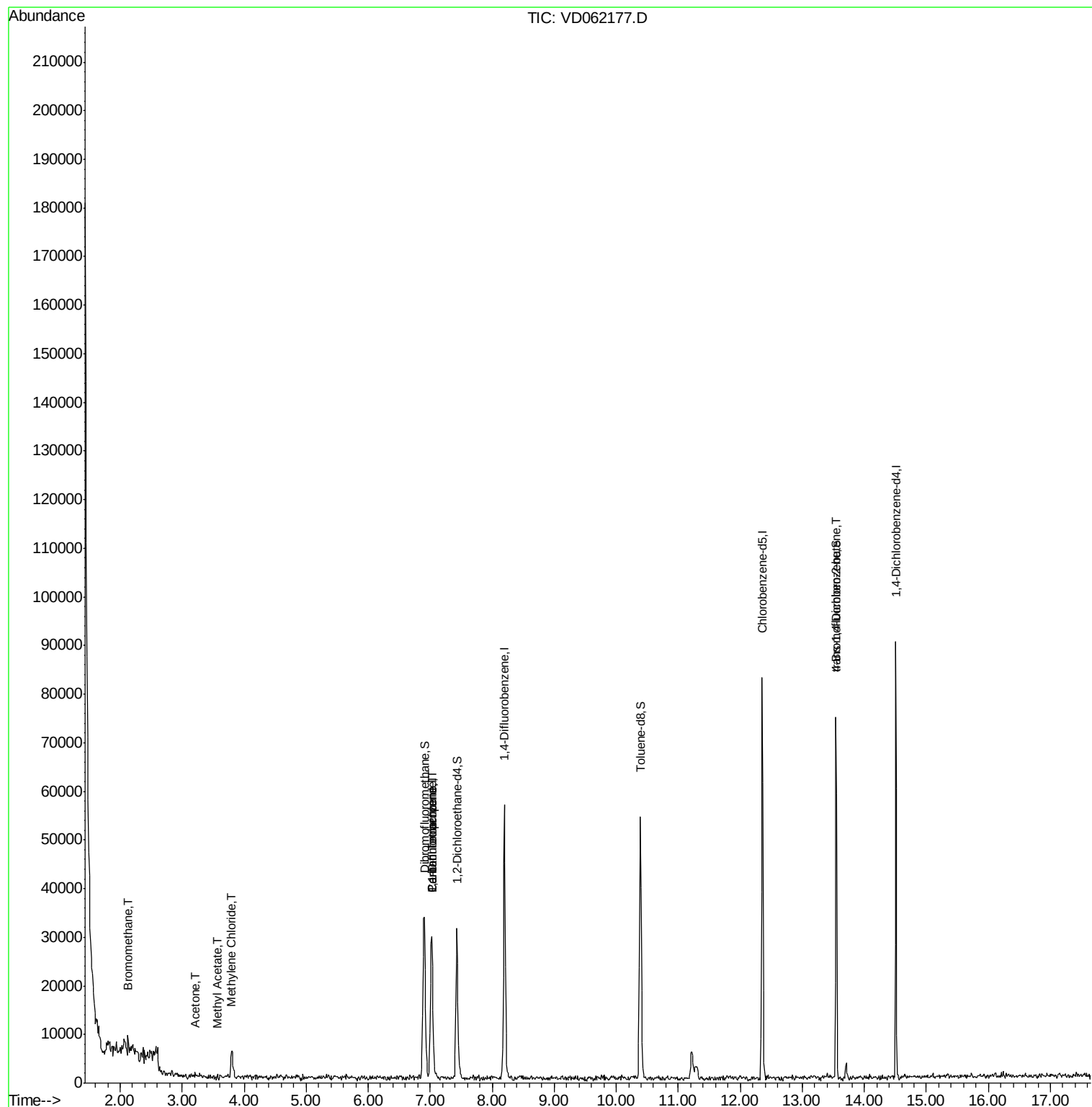
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	922	18.060	ug/l #	12
16) Acetone	3.21	43	185	2.959	ug/l #	50
18) Methyl Acetate	3.58	43	318	2.556	ug/l #	53
20) Methylene Chloride	3.80	84	3761	14.408	ug/l #	78
36) 1,1-Dichloropropene	7.03	75	2108	4.298	ug/l #	40
38) Carbon Tetrachloride	7.04	117	3174	4.675	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.54	75	9909	150.998	ug/l #	16

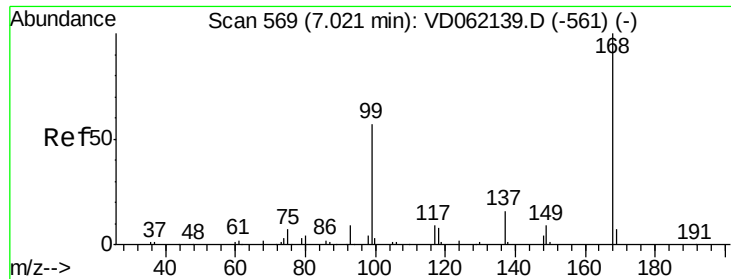
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06-1.5-2.0RE

Quant Time: May 09 01:25:29 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: 7.03 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062177.D

Acq: 8 May 2019 16:39

Instrument :

MSVOA_D

ClientSampleId :

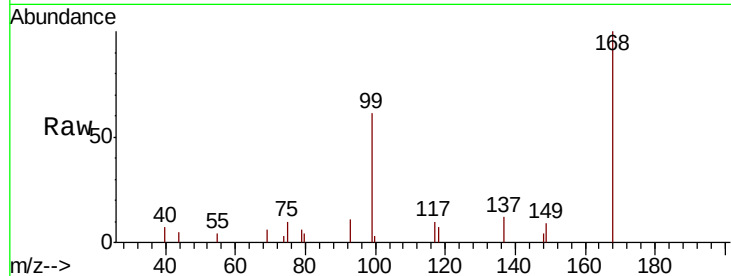
SB-06-1.5-2.0RE

Tot Ion:168 Resp: 32080

Ion Ratio Lower Upper

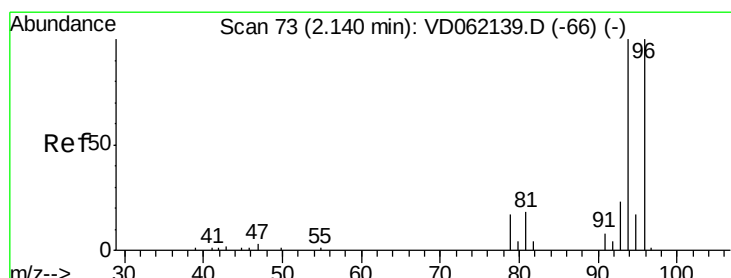
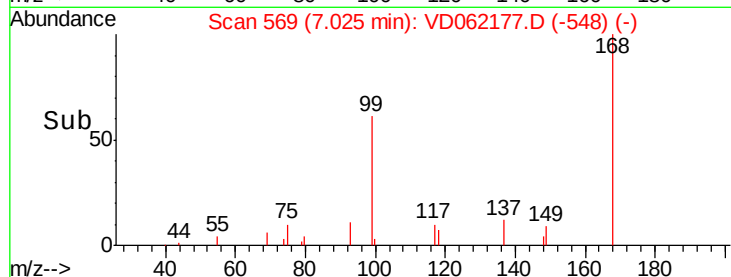
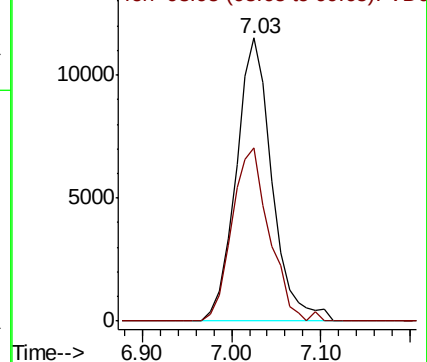
168 100

99 61.1 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: 18.060 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD062177.D

Acq: 8 May 2019 16:39

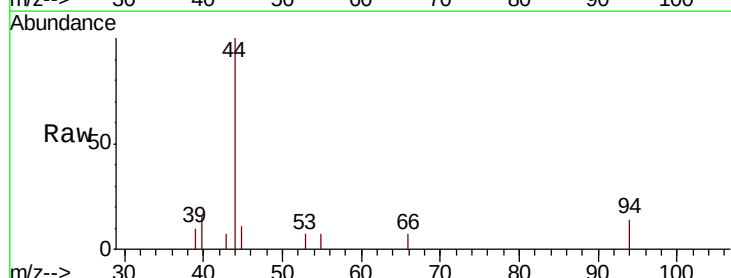
Tgt Ion: 94 Resp: 922

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

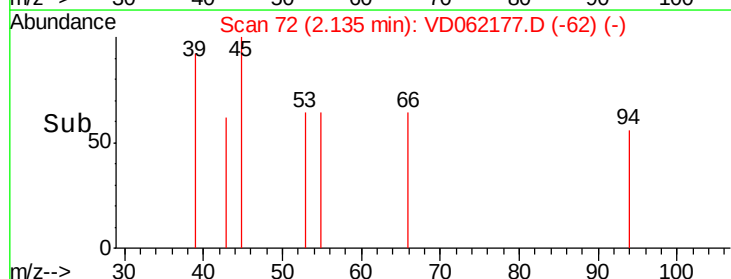
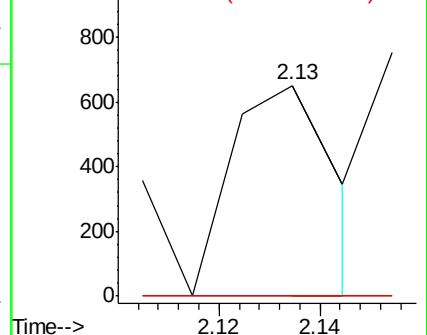
93 0.0 18.5 27.7#

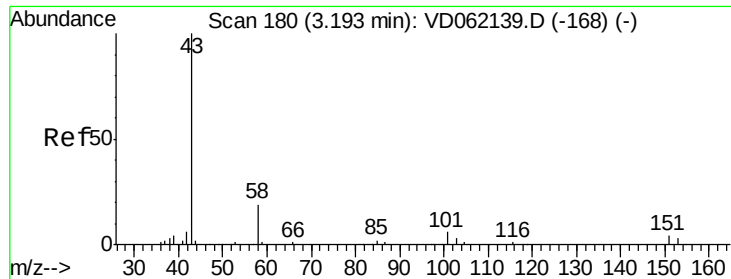


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

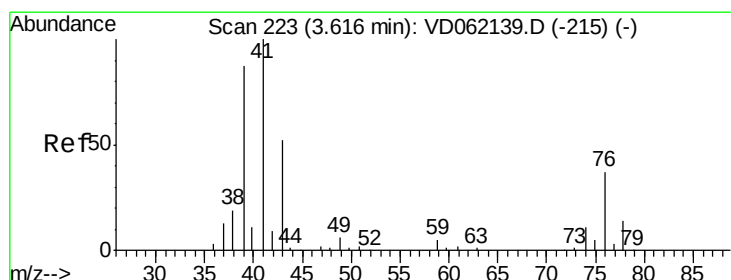
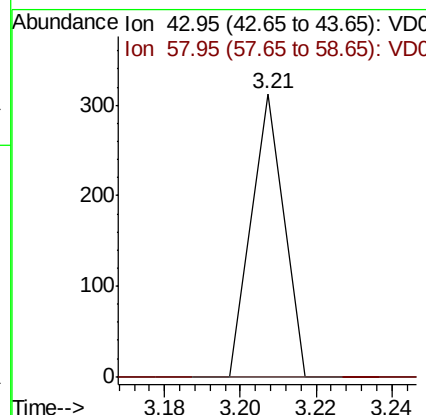
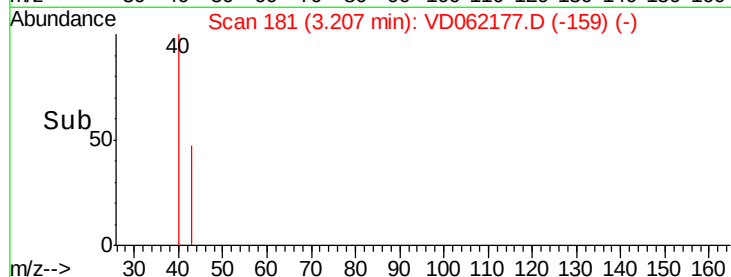
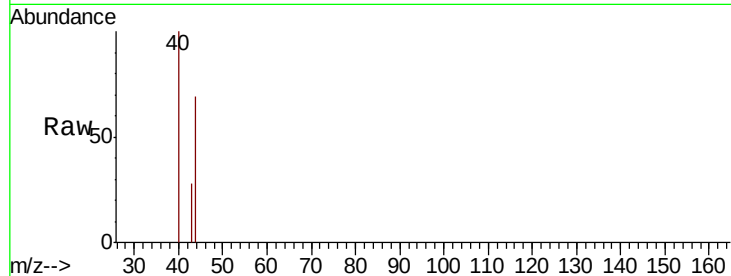




#16
Acetone
Concen: 2.959 ug/l
RT: 3.21 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

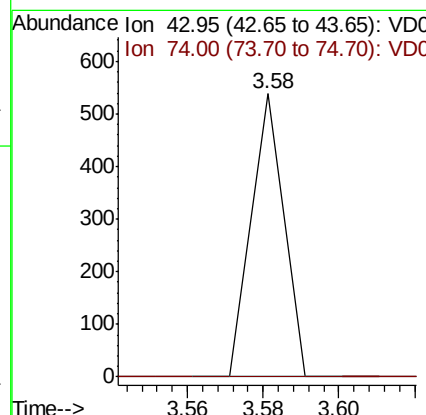
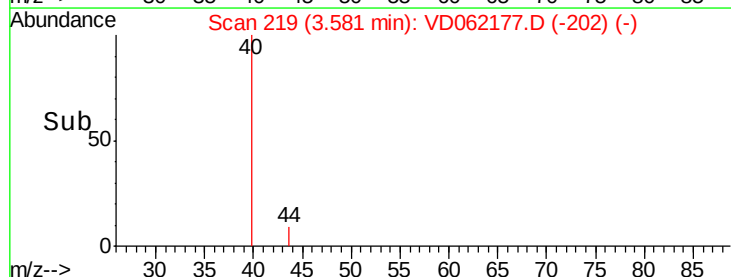
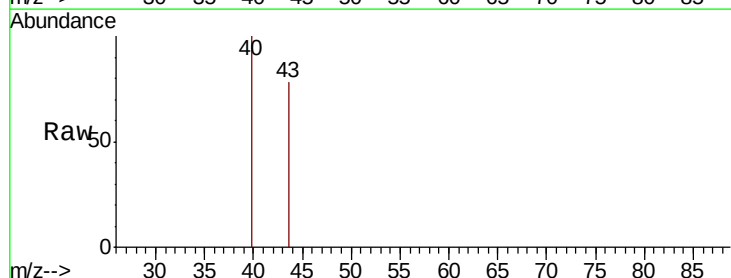
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SB-06-1.5-2.0RE

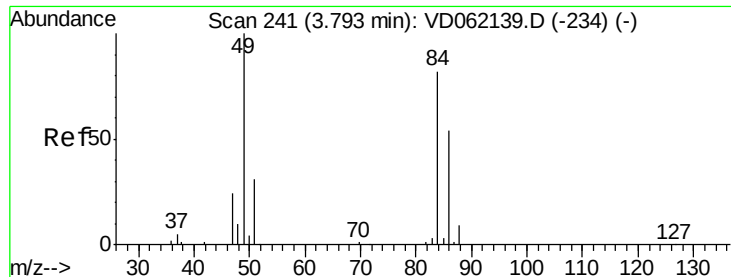
Tot Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



#18
Methyl Acetate
Concen: 2.556 ug/l
RT: 3.58 min Scan# 219
Delta R.T. -0.03 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#

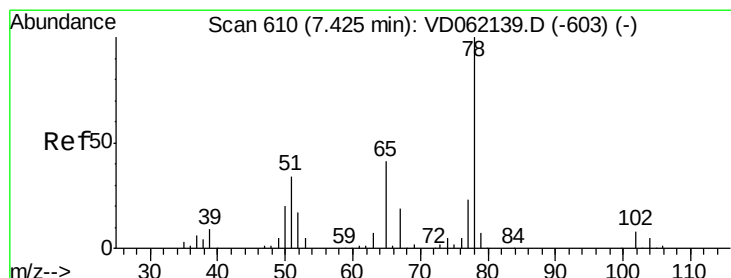
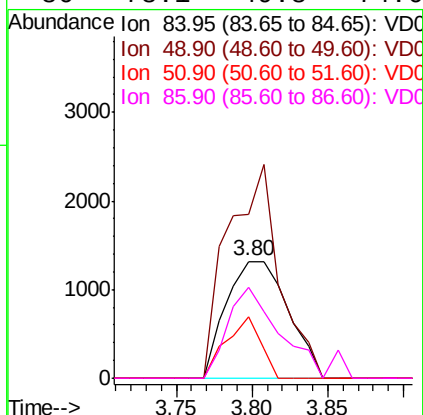
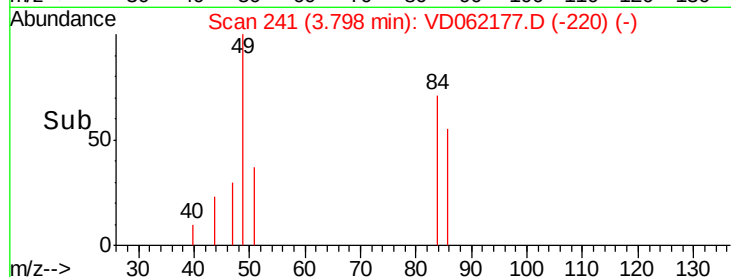
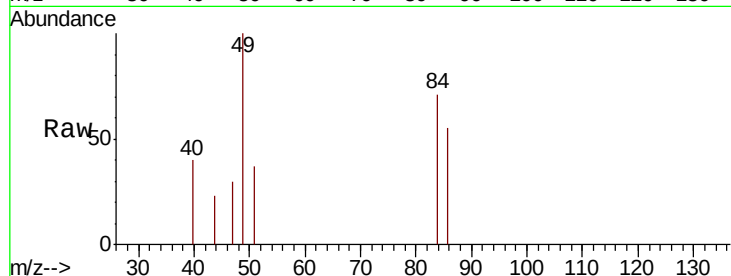




#20
Methylene Chloride
Concen: 14.408 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

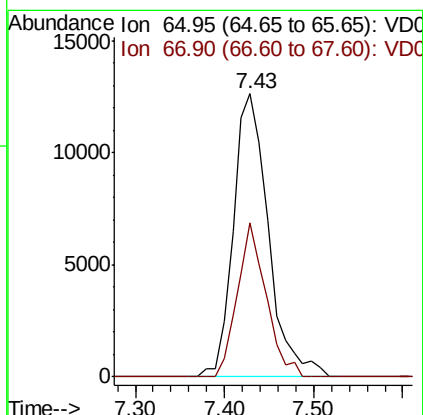
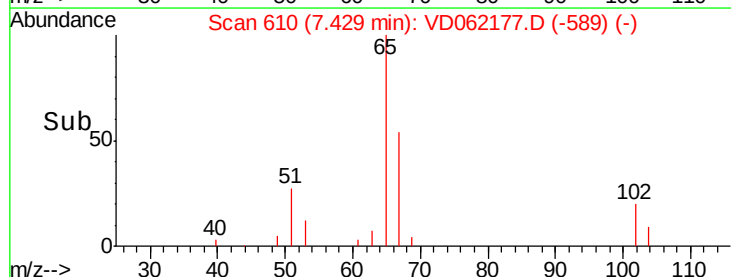
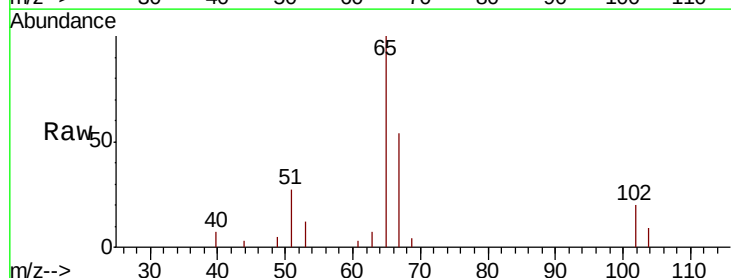
Instrument :
MSVOA_D
ClientSampleId :
SB-06-1.5-2.0RE

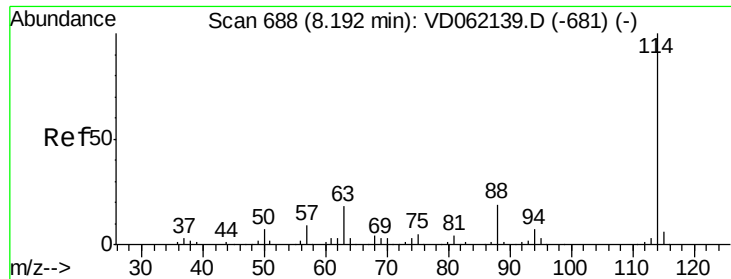
Tot Ion: 84 Resp: 3761
Ion Ratio Lower Upper
84 100
49 140.9 94.0 141.0
51 52.5 29.0 43.4#
86 78.1 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 116.026 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

Tgt Ion: 65 Resp: 34590
Ion Ratio Lower Upper
65 100
67 54.5 0.0 98.0

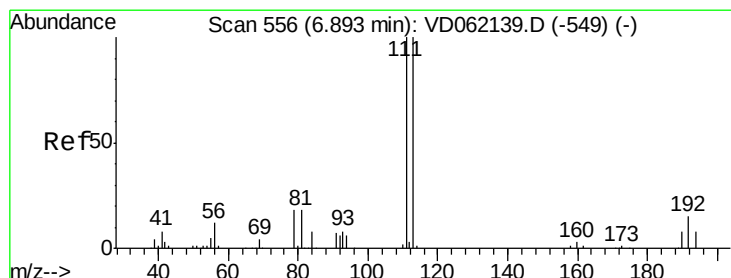
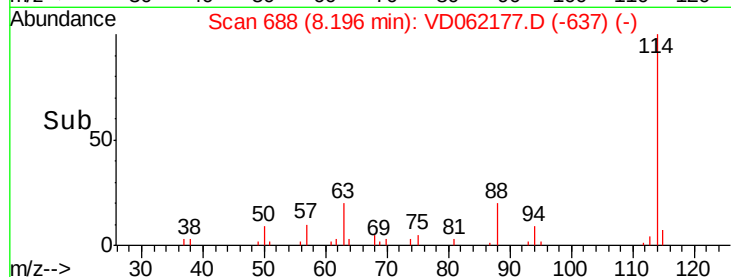
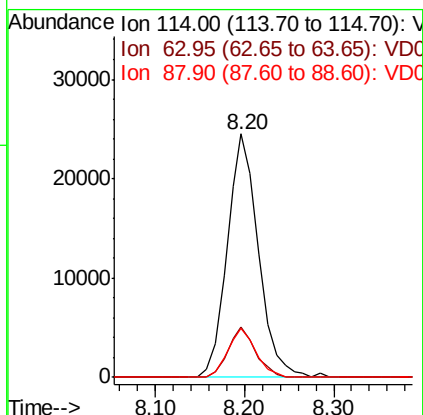
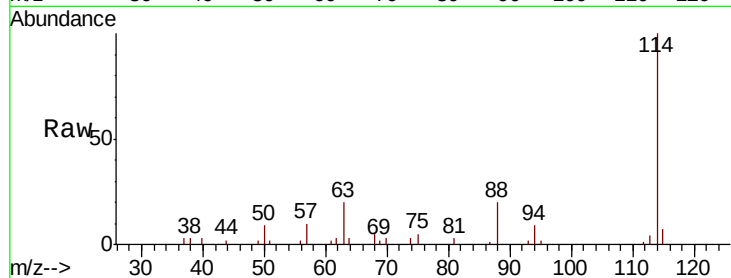




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062177.D
 Acq: 8 May 2019 16:39

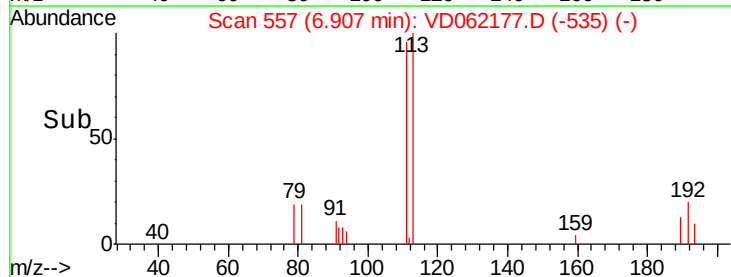
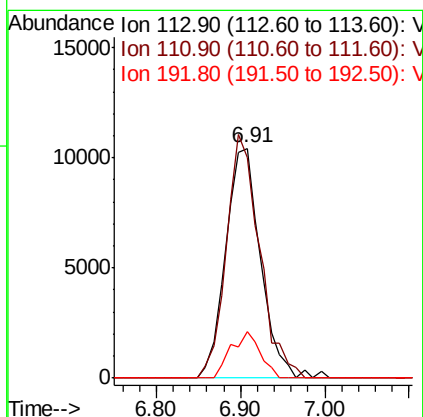
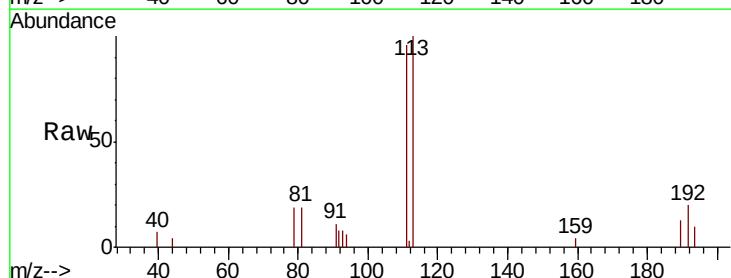
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-1.5-2.0RE

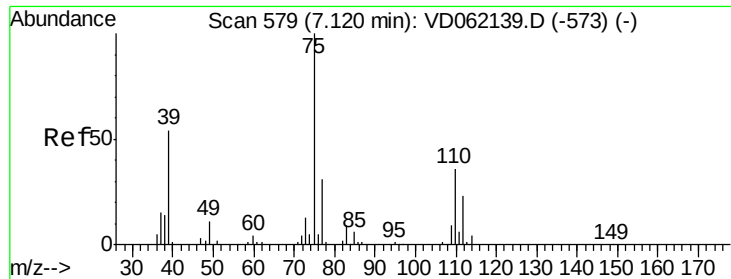
Tot Ion:114 Resp: 59822
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 32.4
 88 20.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 60.635 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD062177.D
 Acq: 8 May 2019 16:39

Tgt Ion:113 Resp: 30096
 Ion Ratio Lower Upper
 113 100
 111 96.1 78.5 117.7
 192 20.0 13.0 19.4#

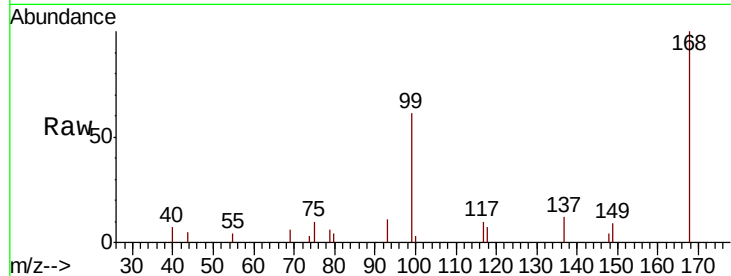




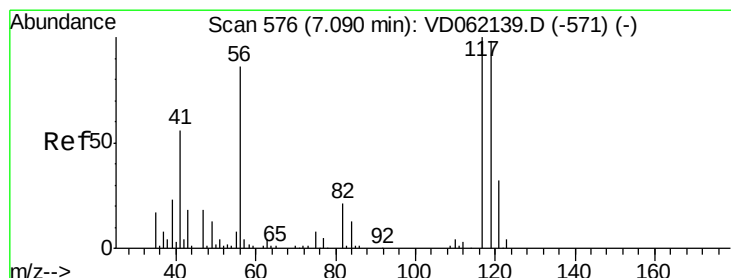
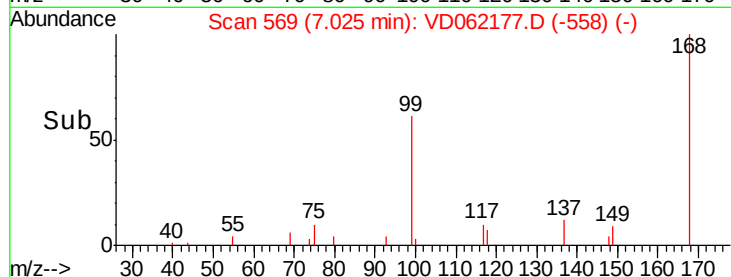
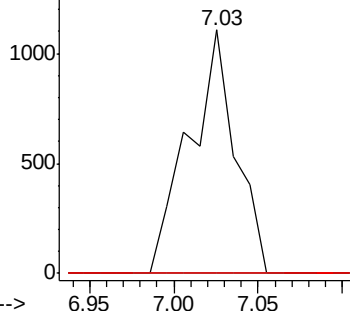
#36
 1,1-Dichloropropene
 Concen: 4.298 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062177.D
 Acq: 8 May 2019 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-1.5-2.0RE

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.6	38.4#

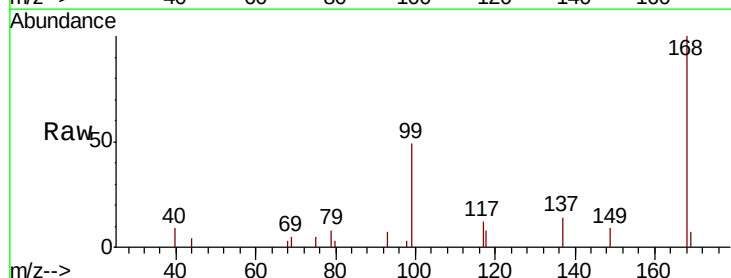


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

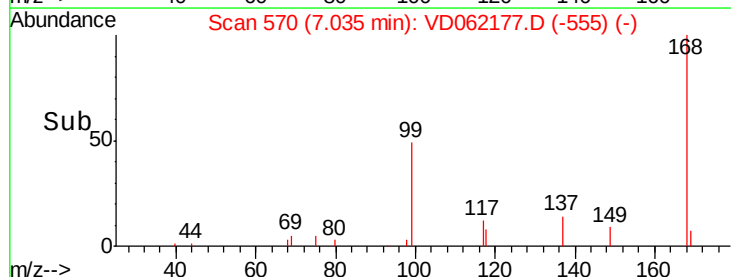
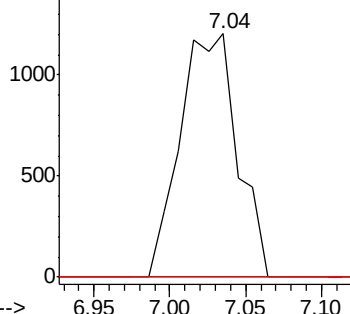


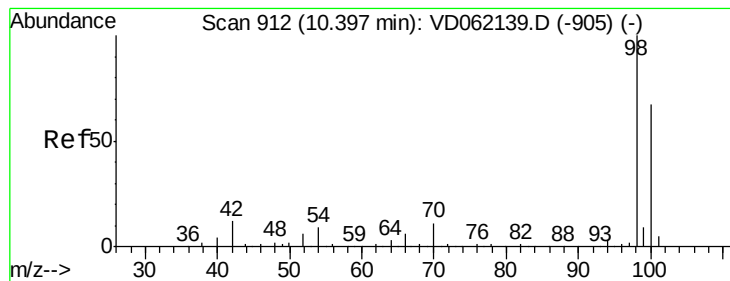
#38
 Carbon Tetrachloride
 Concen: 4.675 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: VD062177.D
 Acq: 8 May 2019 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	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: 39.029 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062177.D

Acq: 8 May 2019 16:39

Instrument :

MSVOA_D

ClientSampleId :

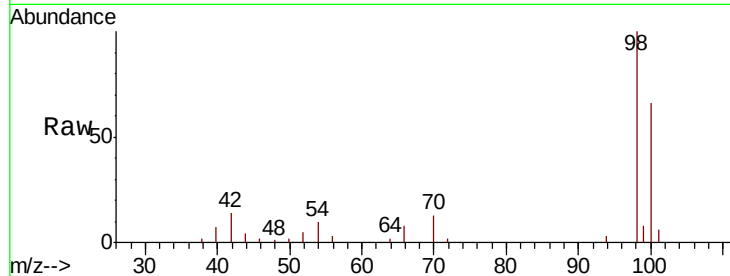
SB-06-1.5-2.0RE

Tot Ion: 98 Resp: 46707

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.39

25000

20000

15000

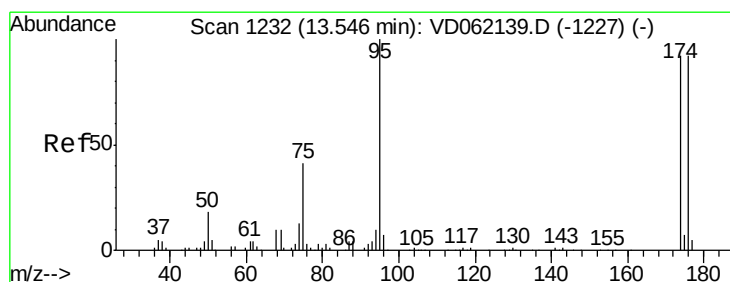
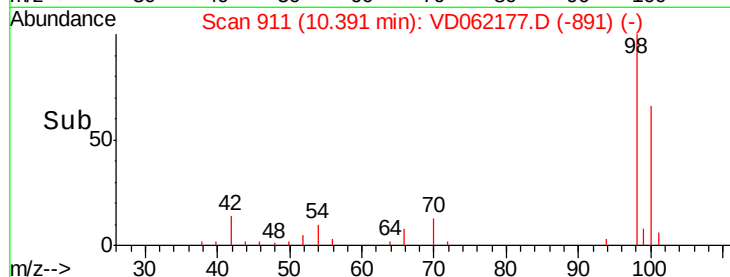
10000

5000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062177.D

Acq: 8 May 2019 16:39

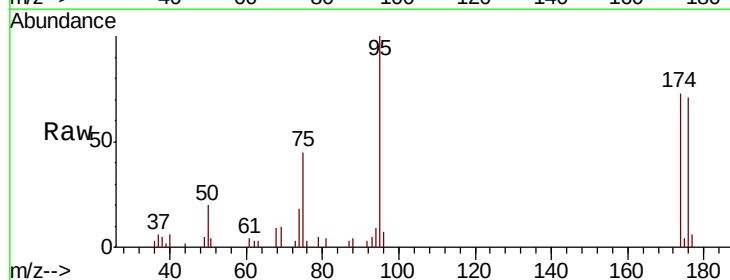
Tgt Ion: 95 Resp: 21924

Ion Ratio Lower Upper

95 100

174 72.9 0.0 181.8

176 70.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.54

20000

15000

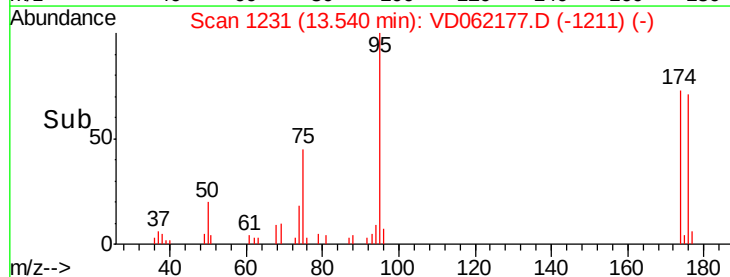
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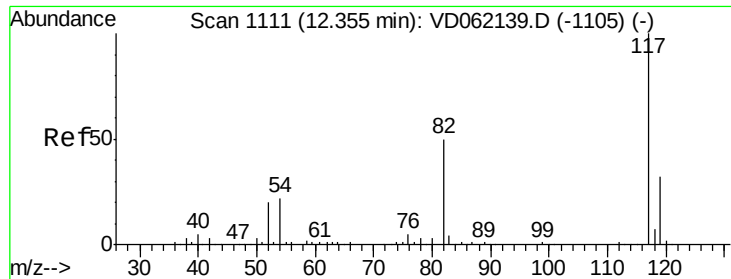
5000

0

Time-->

13.50 13.55 13.60

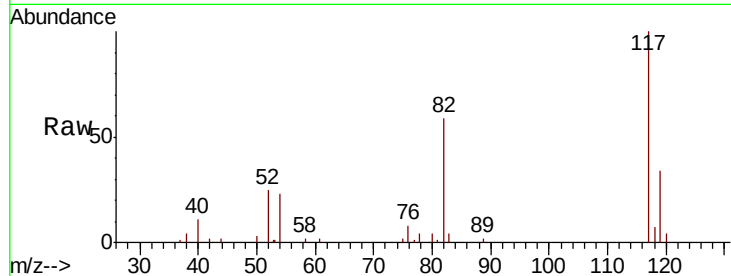




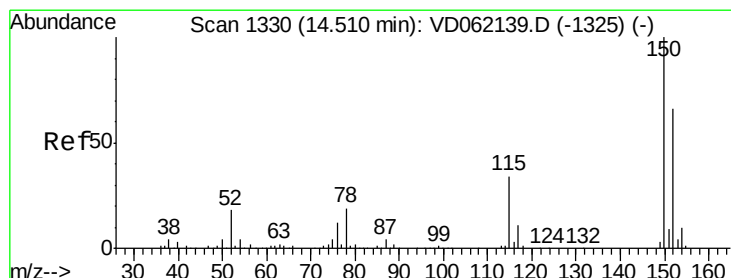
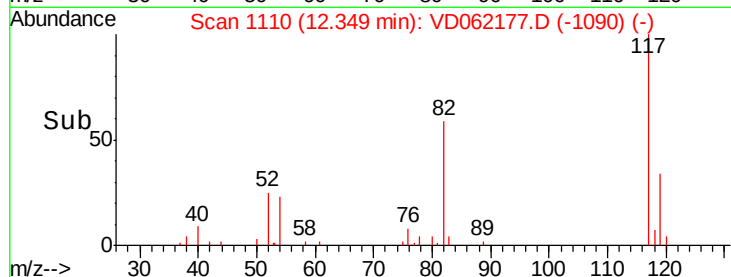
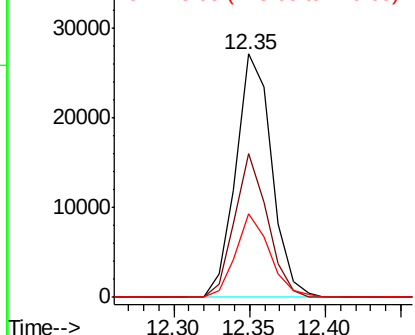
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

Instrument :
MSVOA_D
ClientSampleId :
SB-06-1.5-2.0RE

Tot Ion:117 Resp: 44547
Ion Ratio Lower Upper
117 100
82 58.8 36.2 54.2#
119 34.2 26.2 39.4

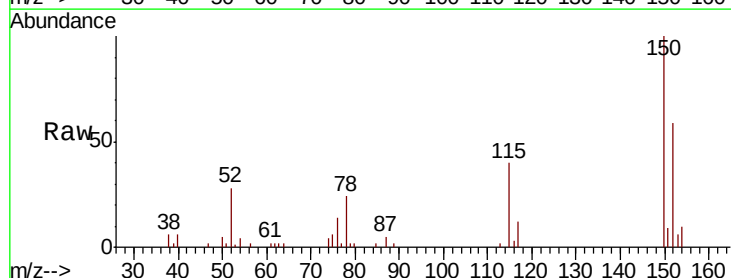


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

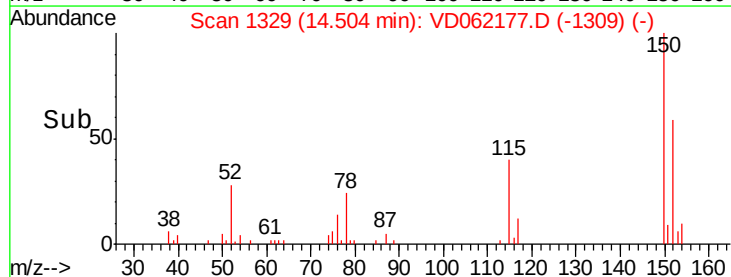
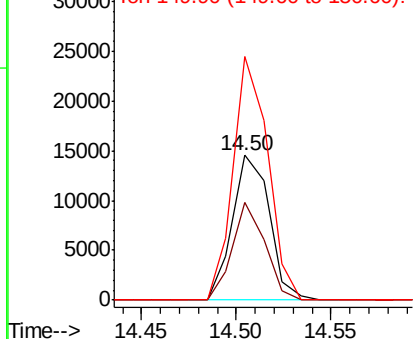


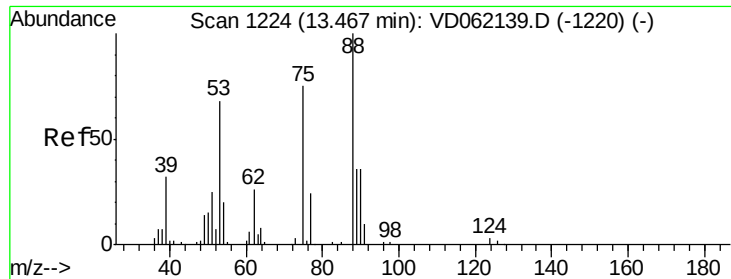
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062177.D
Acq: 8 May 2019 16:39

Tgt Ion:152 Resp: 19560
Ion Ratio Lower Upper
152 100
115 67.9 30.9 92.7
150 168.3 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: 150.998 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062177.D

Acq: 8 May 2019 16:39

Instrument :

MSVOA_D

ClientSampleId :

SB-06-1.5-2.0RE

Tot Ion: 75 Resp: 9909

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

