

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062160.D
 Acq On : 8 May 2019 5:13
 Operator : FY/SY
 Sample : K2672-07
 Misc : 5.01µ/5mL/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-1.0-1.5

Quant Time: May 08 07:55:57 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	7.04	168	8286	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	12720	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	9727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3750	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	6543	84.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	169.94%	
35) Dibromofluoromethane	6.89	113	5536	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
50) Toluene-d8	10.40	98	8920	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
62) 4-Bromofluorobenzene	13.55	95	4027	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	

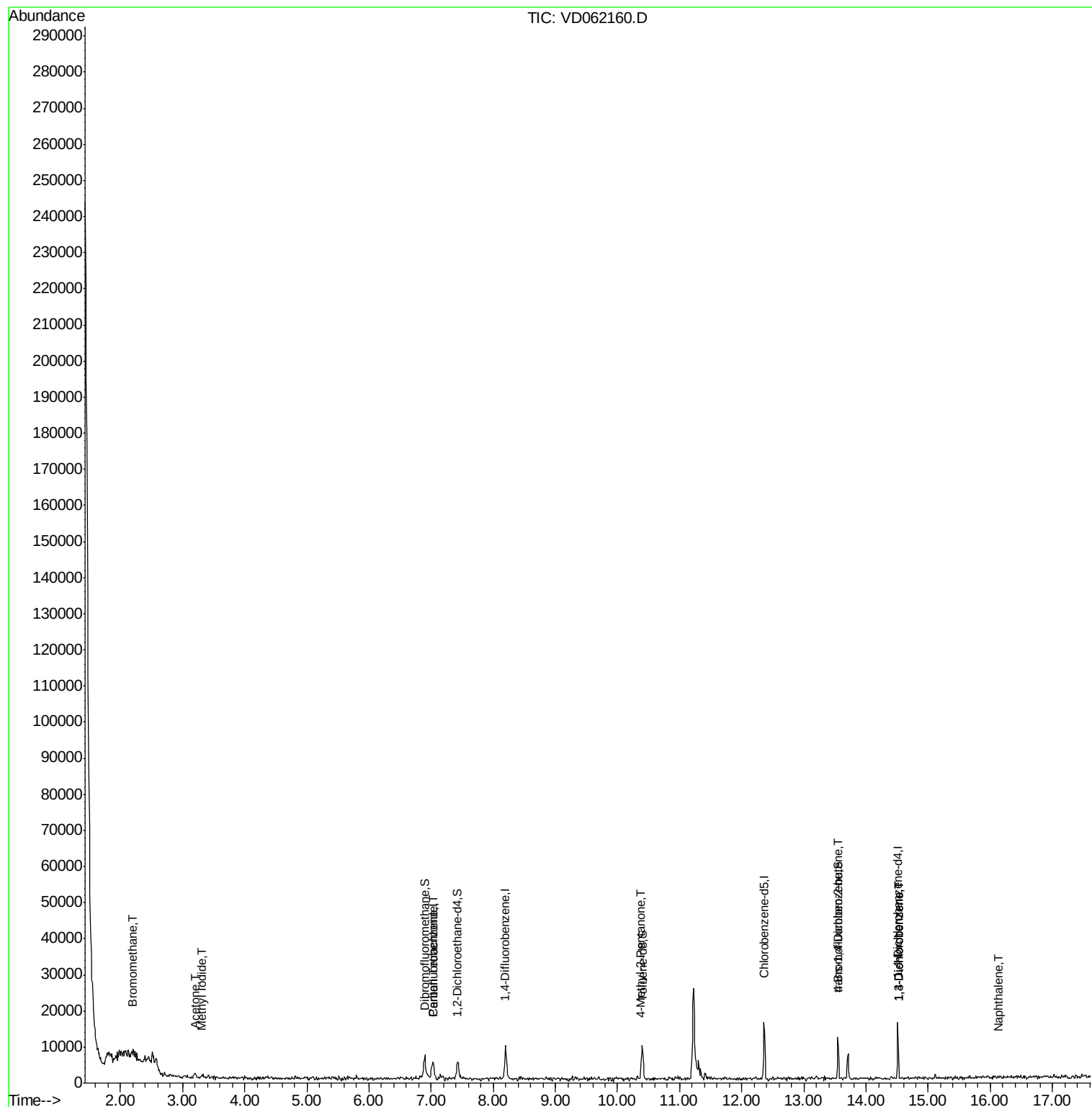
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	971	73.635	ug/l #	12
10) Methyl Iodide	3.31	142	1251	10.001	ug/l #	89
16) Acetone	3.20	43	2226	137.847	ug/l #	50
38) Carbon Tetrachloride	7.03	117	191	1.323	ug/l #	12
51) 4-Methyl-2-Pentanone	10.37	43	185	4.588	ug/l #	37
81) trans-1,4-Dichloro-2-buten	13.55	75	1737	138.064	ug/l #	16
87) 1,3-Dichlorobenzene	14.53	146	319	2.775	ug/l #	25
88) 1,4-Dichlorobenzene	14.53	146	319	2.824	ug/l #	25
95) Naphthalene	16.11	128	378	3.929	ug/l #	70

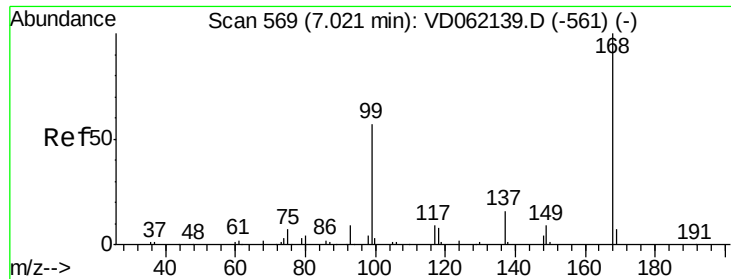
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 07:55:57 2019
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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: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

Instrument :

MSVOA_D

ClientSampleId :

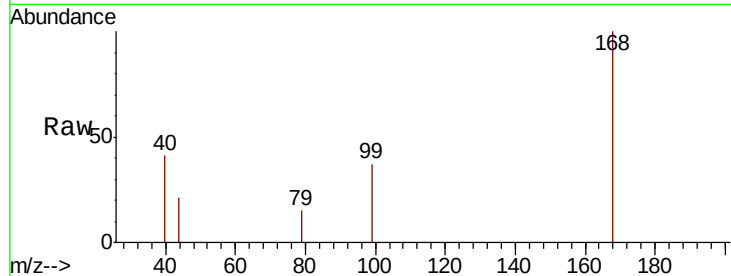
SB-04-1.0-1.5

Tot Ion:168 Resp: 8286

Ion Ratio Lower Upper

168 100

99 36.8 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

2500

2000

1500

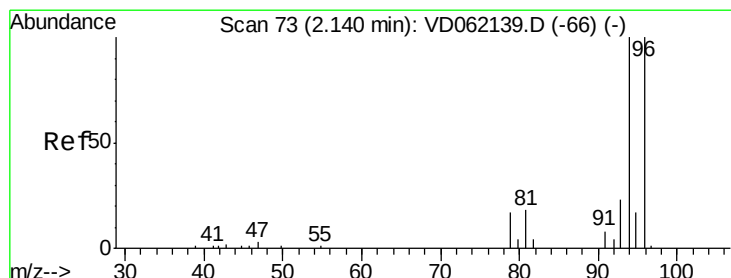
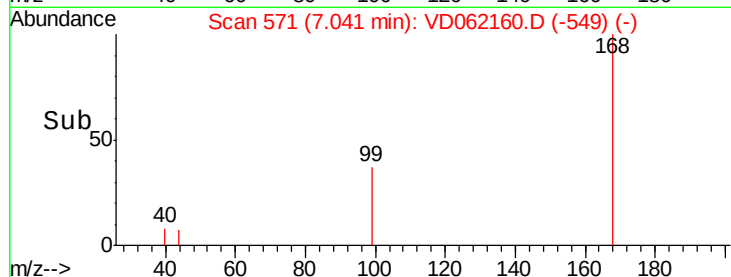
1000

500

0

6.95 7.00 7.05 7.10

Time-->



#5

Bromomethane

Concen: 73.635 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

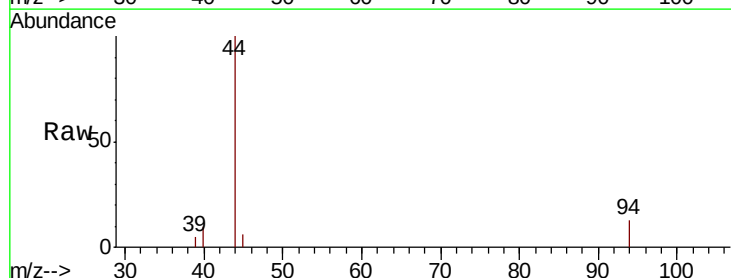
Tgt Ion: 94 Resp: 971

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

1000

800

600

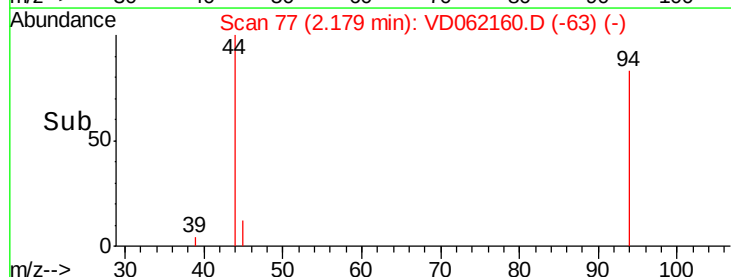
400

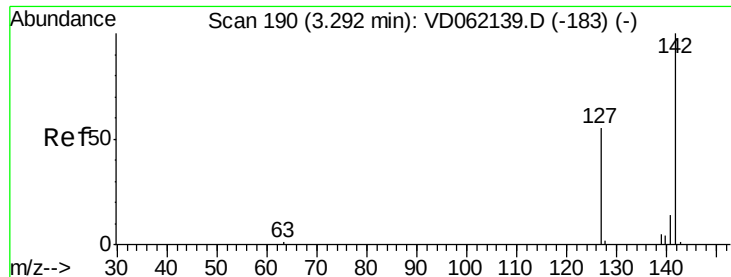
200

0

2.15 2.20

Time-->

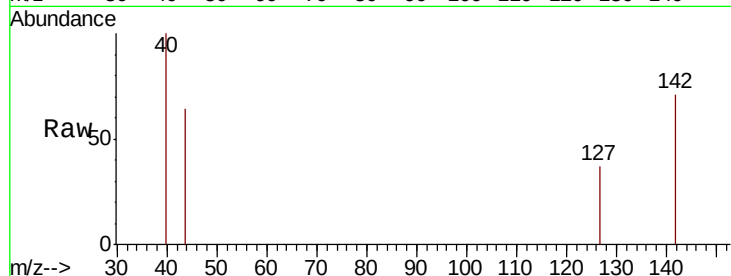




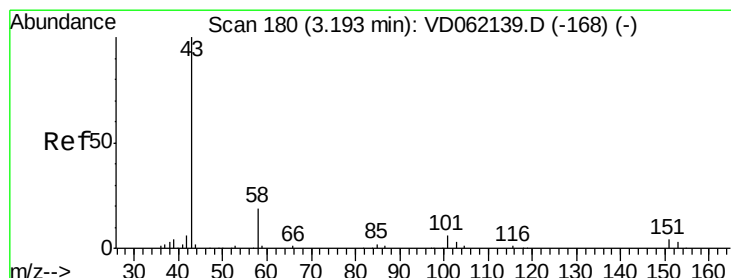
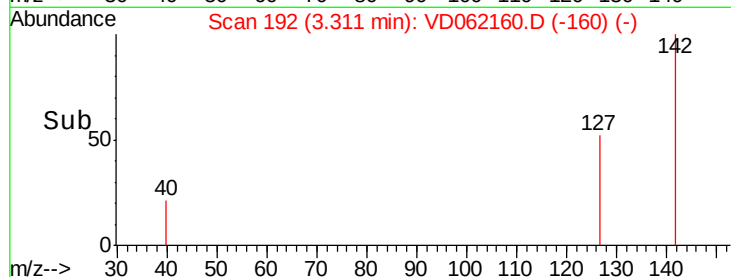
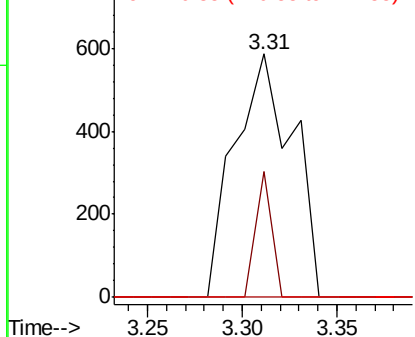
#10
Methyl Iodide
Concen: 10.001 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Instrument :
MSVOA_D
ClientSampleId :
SB-04-1.0-1.5

Tot Ion:142 Resp: 1251
Ion Ratio Lower Upper
142 100
127 51.6 38.8 58.2
141 0.0 11.4 17.0#

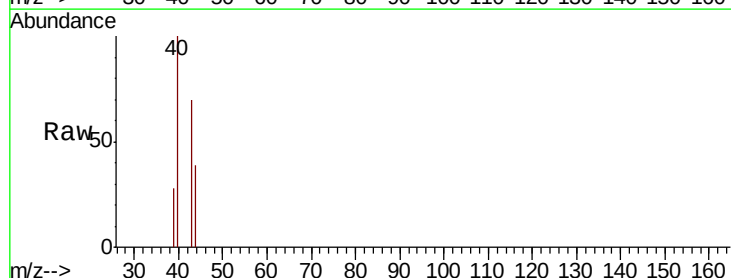


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

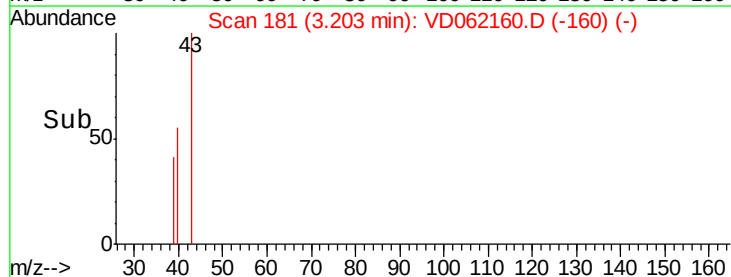
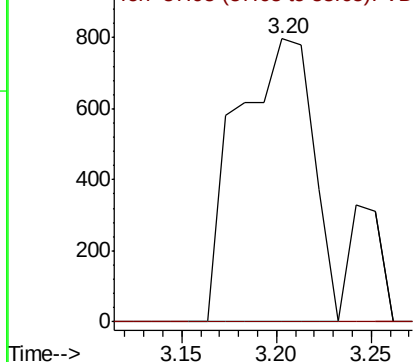


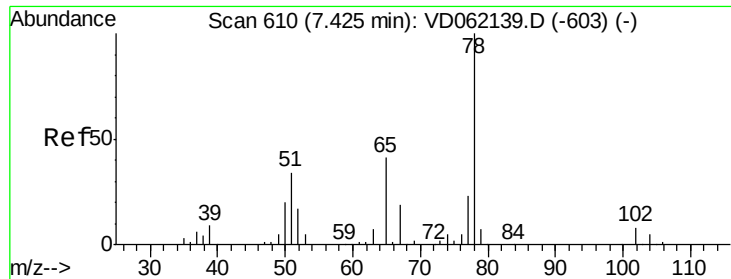
#16
Acetone
Concen: 137.847 ug/l
RT: 3.20 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Tgt Ion: 43 Resp: 2226
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V

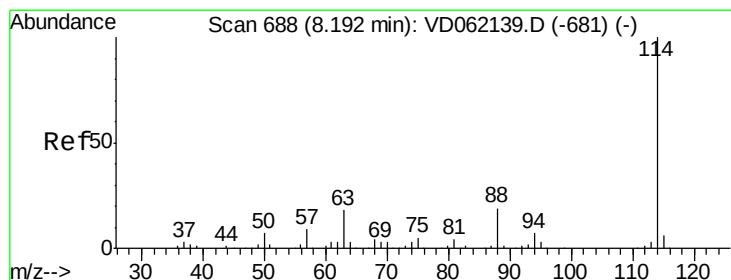
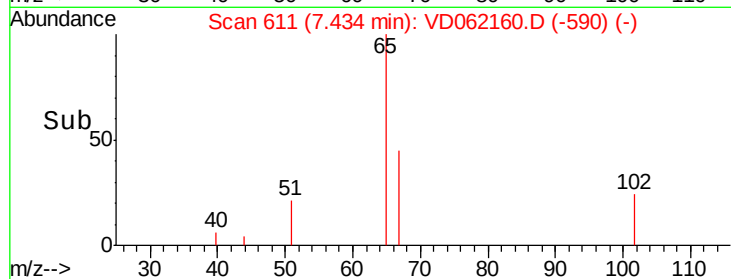
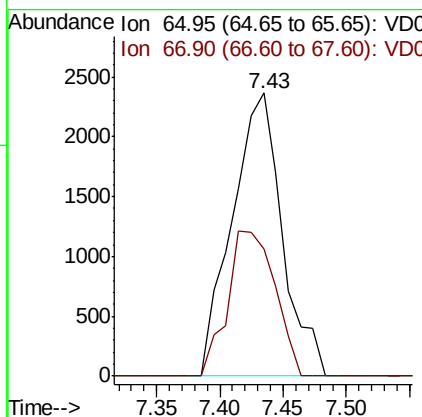
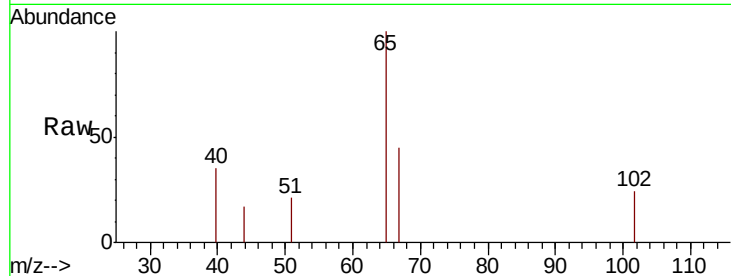




#33
 1,2-Dichloroethane-d4
 Concen: 84.971 ug/l
 RT: 7.43 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD062160.D
 Acq: 8 May 2019 5:13

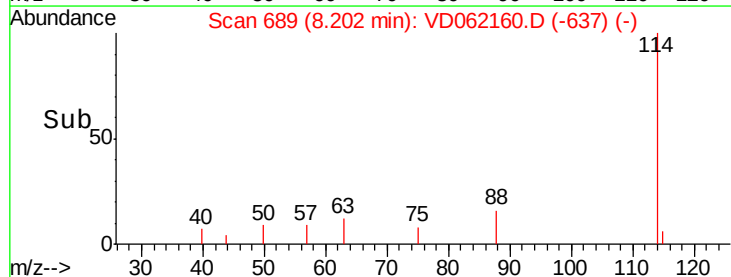
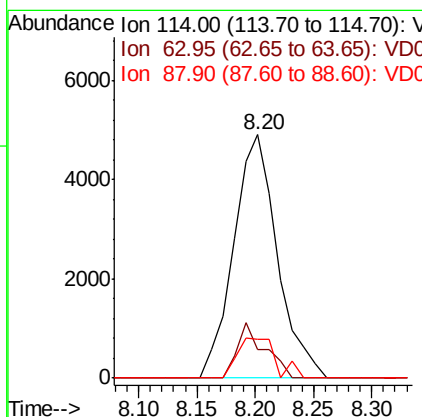
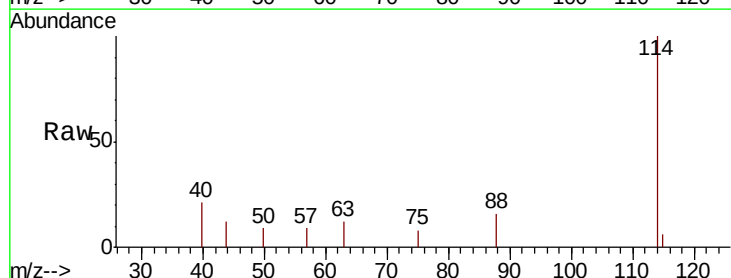
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-1.0-1.5

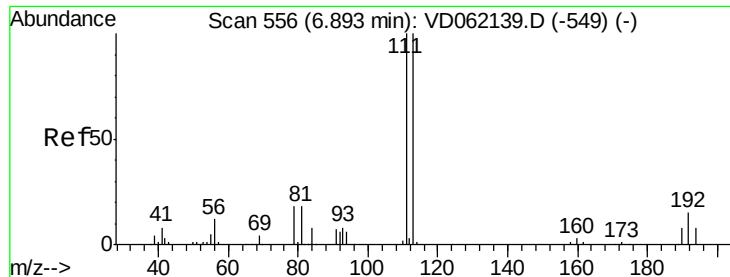
Tot Ion: 65 Resp: 6543
 Ion Ratio Lower Upper
 65 100
 67 45.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062160.D
 Acq: 8 May 2019 5:13

Tgt Ion: 114 Resp: 12720
 Ion Ratio Lower Upper
 114 100
 63 11.7 0.0 32.4
 88 15.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.454 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

Instrument :

MSVOA_D

ClientSampleId :

SB-04-1.0-1.5

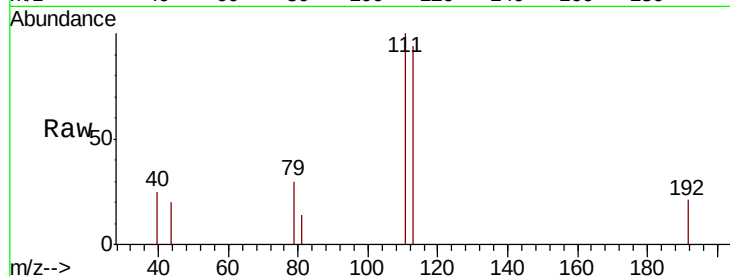
Tot Ion:113 Resp: 5536

Ion Ratio Lower Upper

113 100

111 106.3 78.5 117.7

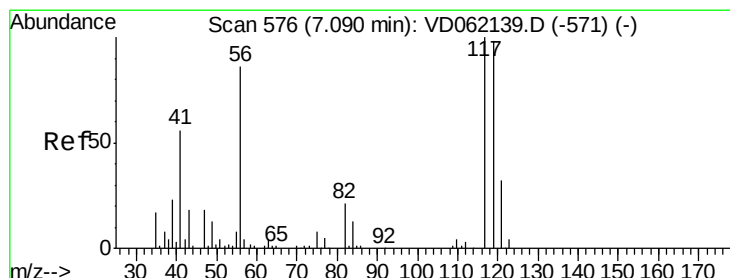
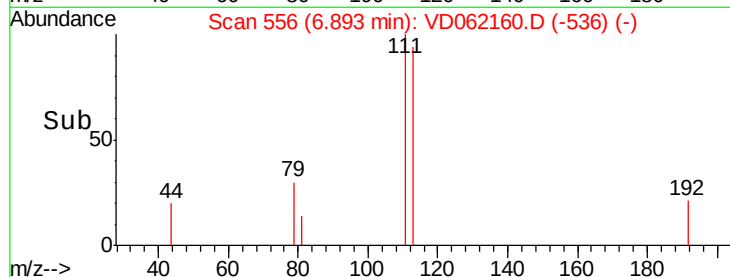
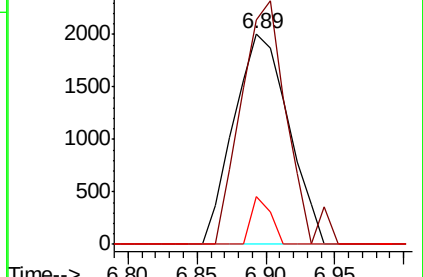
192 22.4 13.0 19.4#



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



#38

Carbon Tetrachloride

Concen: 1.323 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

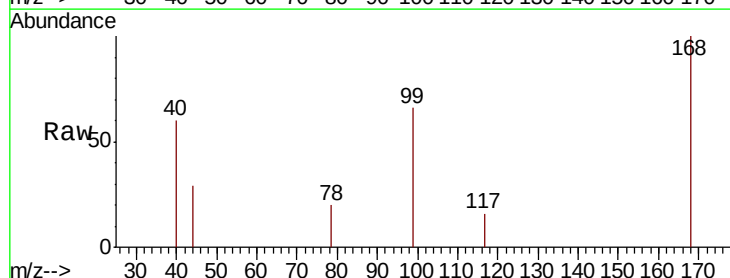
Tgt Ion:117 Resp: 191

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

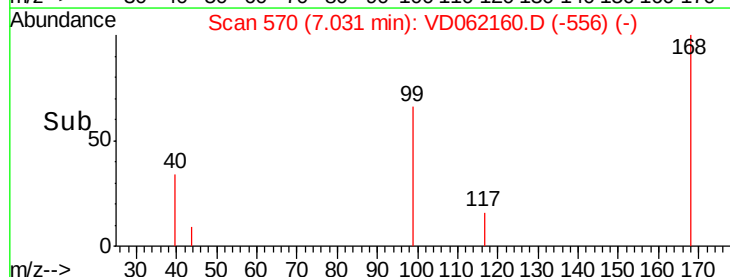
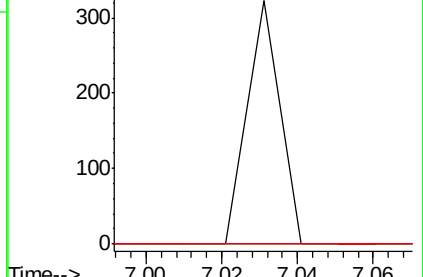
121 0.0 25.9 38.9#

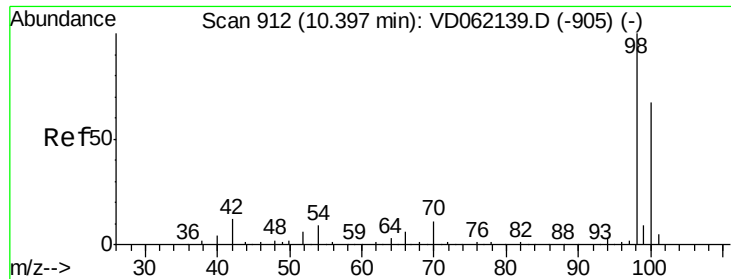


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

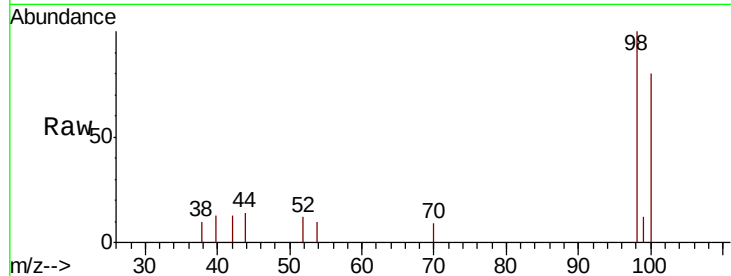




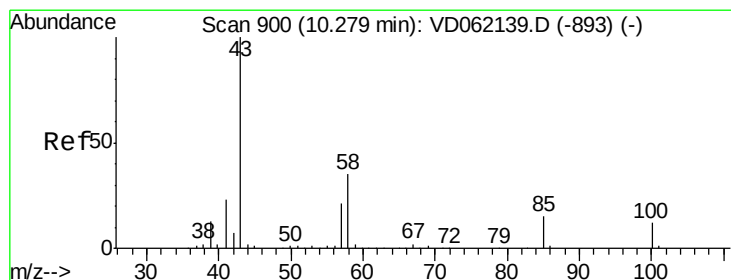
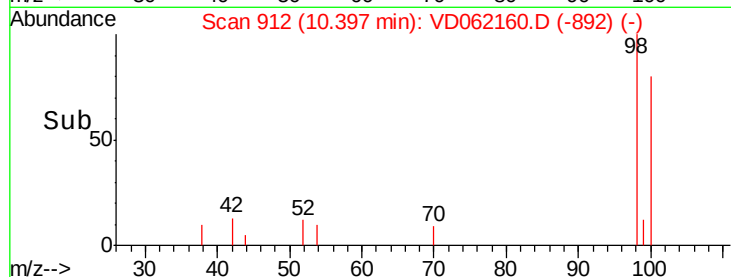
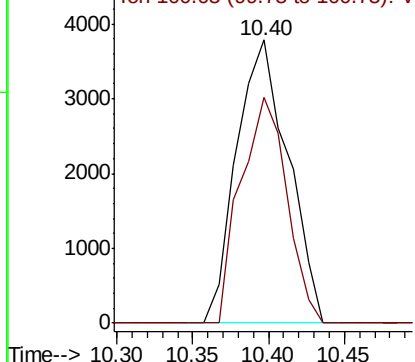
#50
Toluene-d8
Concen: 35.054 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Instrument :
MSVOA_D
ClientSampleId :
SB-04-1.0-1.5

Tot Ion: 98 Resp: 8920
Ion Ratio Lower Upper
98 100
100 79.9 53.8 80.8

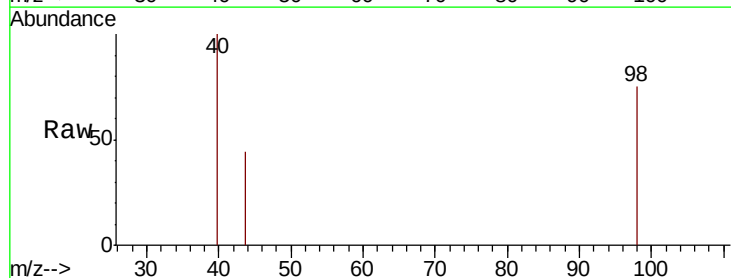


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

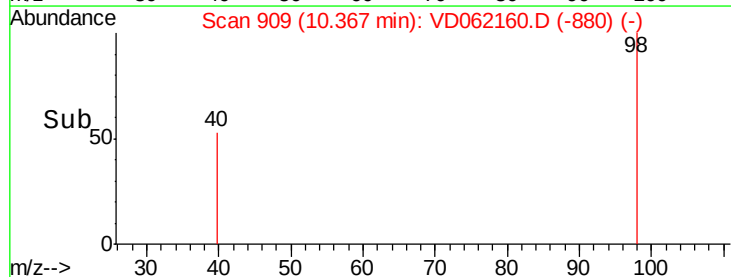
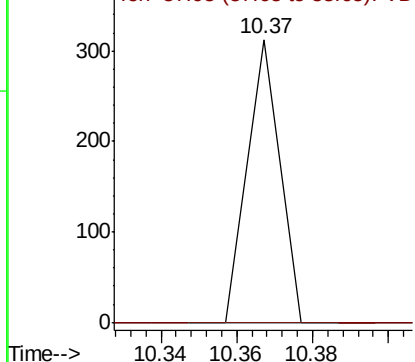


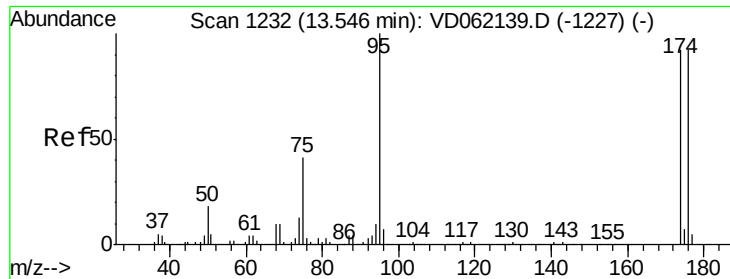
#51
4-Methyl-2-Pentanone
Concen: 4.588 ug/l
RT: 10.37 min Scan# 909
Delta R.T. 0.09 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

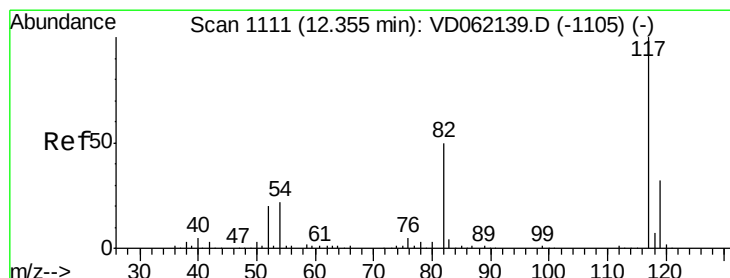
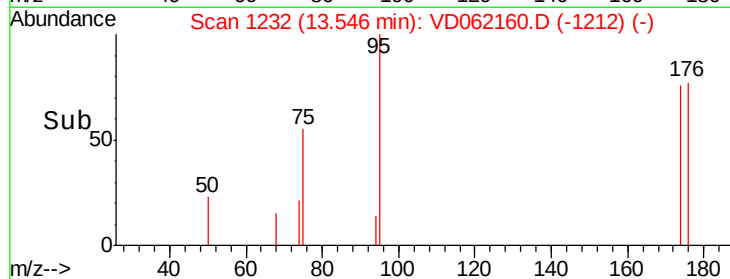
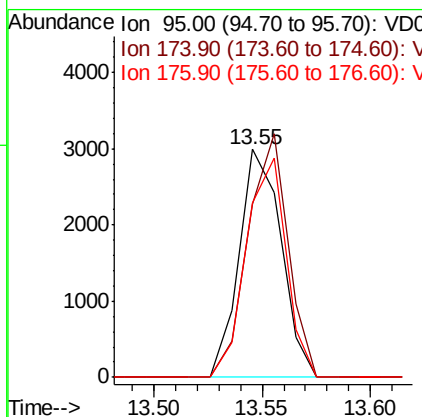
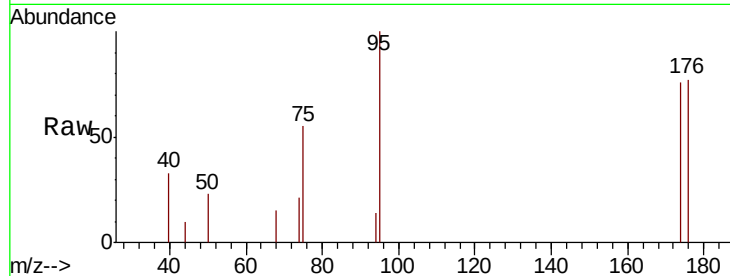




#62
4-Bromofluorobenzene
Concen: 39.410 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

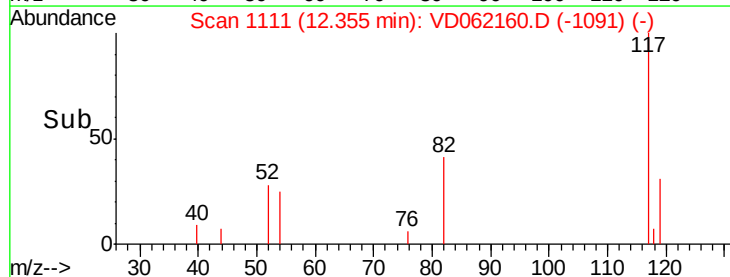
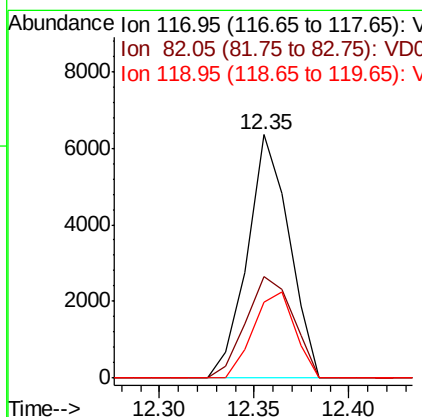
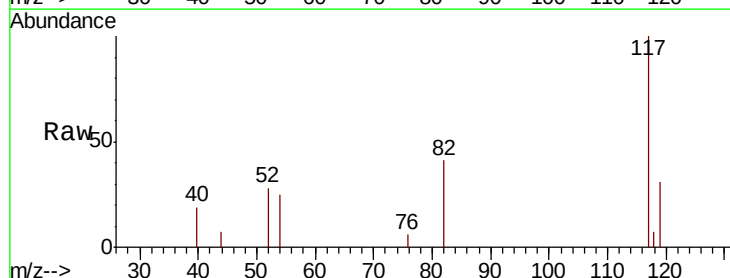
Instrument :
MSVOA_D
ClientSampleId :
SB-04-1.0-1.5

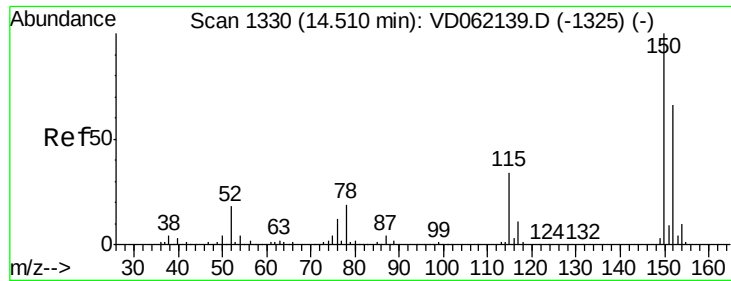
Tot Ion: 95 Resp: 4027
Ion Ratio Lower Upper
95 100
174 75.9 0.0 181.8
176 76.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Tgt Ion: 117 Resp: 9727
Ion Ratio Lower Upper
117 100
82 41.5 36.2 54.2
119 31.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

Instrument :

MSVOA_D

ClientSampleId :

SB-04-1.0-1.5

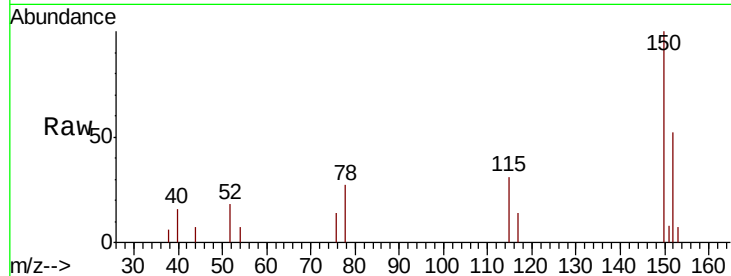
Tot Ion:152 Resp: 3750

Ion Ratio Lower Upper

152 100

115 58.6 30.9 92.7

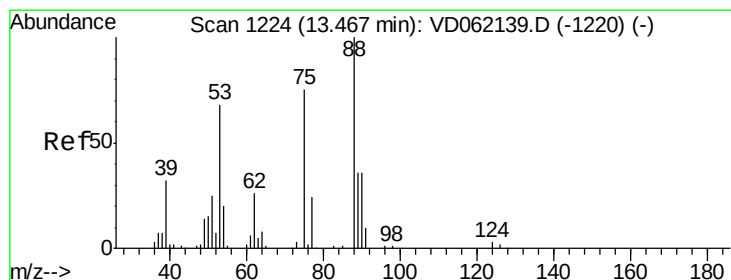
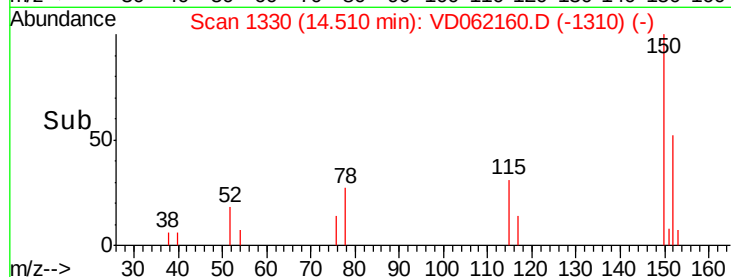
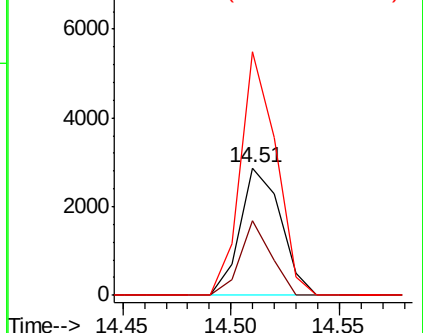
150 190.6 0.0 314.8



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: 138.064 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062160.D

Acq: 8 May 2019 5:13

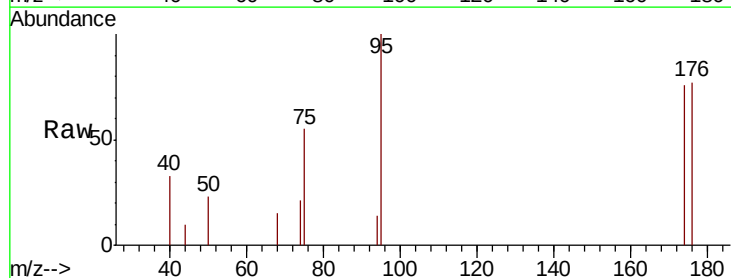
Tgt Ion: 75 Resp: 1737

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

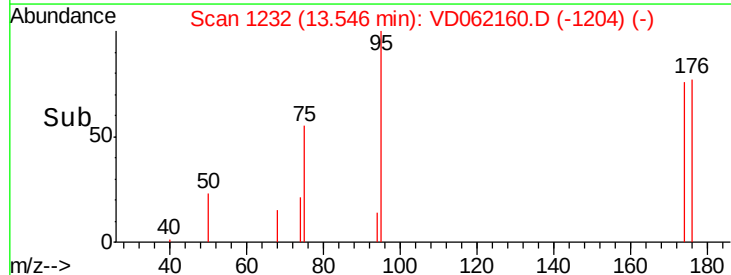
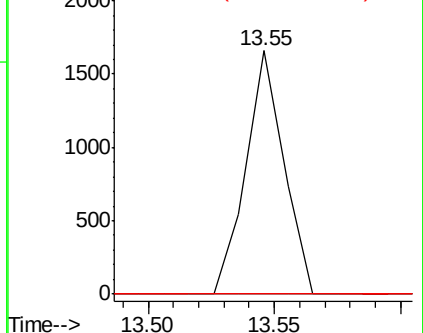
89 0.0 35.0 52.6#

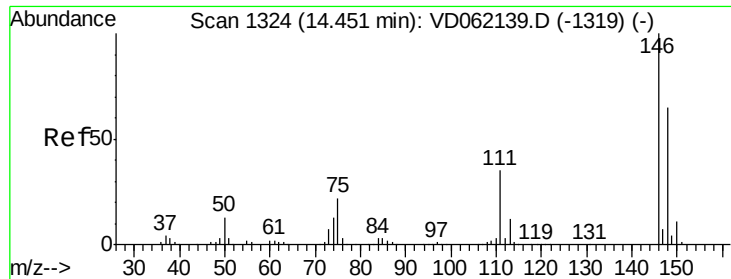


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

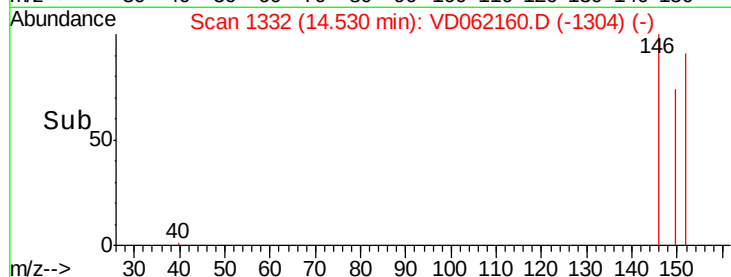
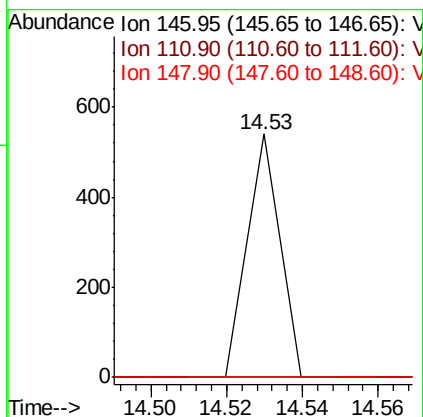
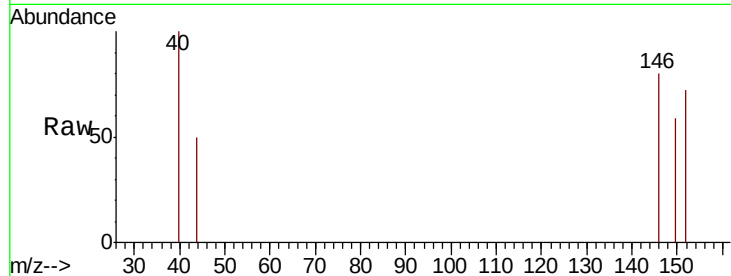




#87
 1,3-Dichlorobenzene
 Concen: 2.775 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.08 min
 Lab File: VD062160.D
 Acq: 8 May 2019 5:13

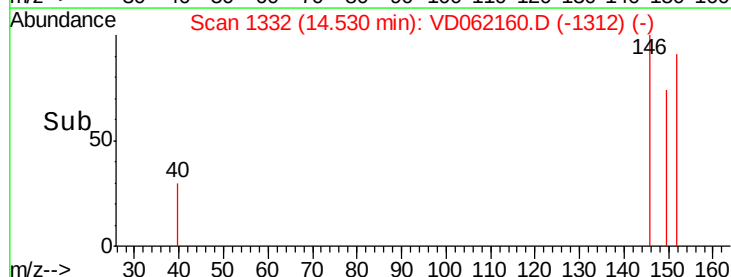
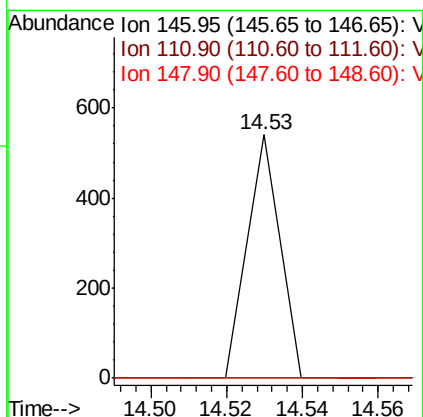
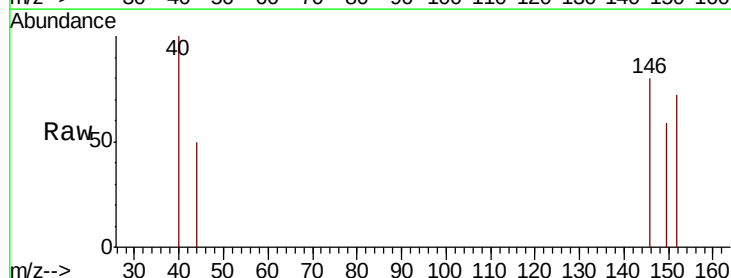
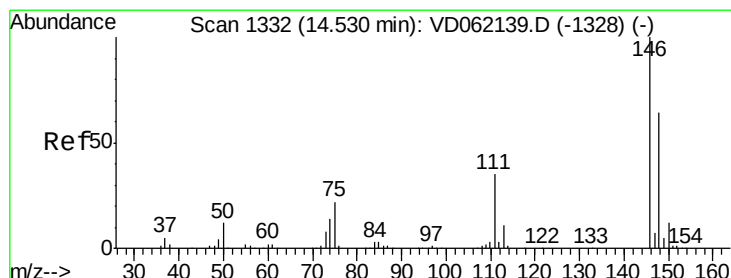
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-1.0-1.5

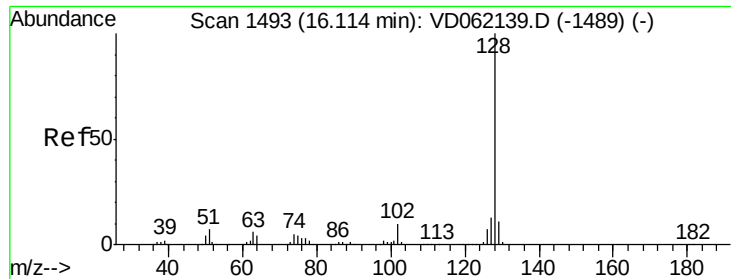
Tot Ion:146 Resp: 319
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 0.0 31.8 95.4#



#88
 1,4-Dichlorobenzene
 Concen: 2.824 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD062160.D
 Acq: 8 May 2019 5:13

Tgt Ion:146 Resp: 319
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 0.0 32.0 96.2#

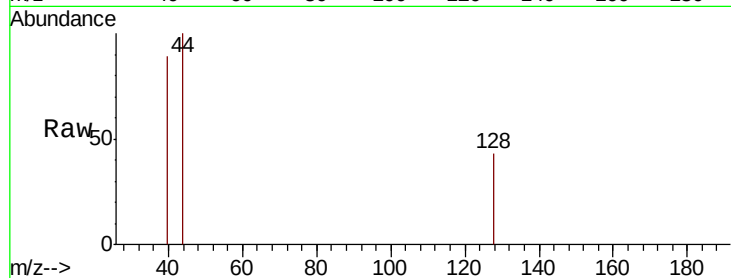




#95
Naphthalene
Concen: 3.929 ug/l
RT: 16.11 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062160.D
Acq: 8 May 2019 5:13

Instrument :
MSVOA_D
ClientSampleId :
SB-04-1.0-1.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

