

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031519\
 Data File : VD061085.D
 Acq On : 15 Mar 2019 14:22
 Operator : VA/AP
 Sample : K1901-03RE
 Misc : 3.81g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(0.5-1.5)RE

Quant Time: Mar 16 05:42:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

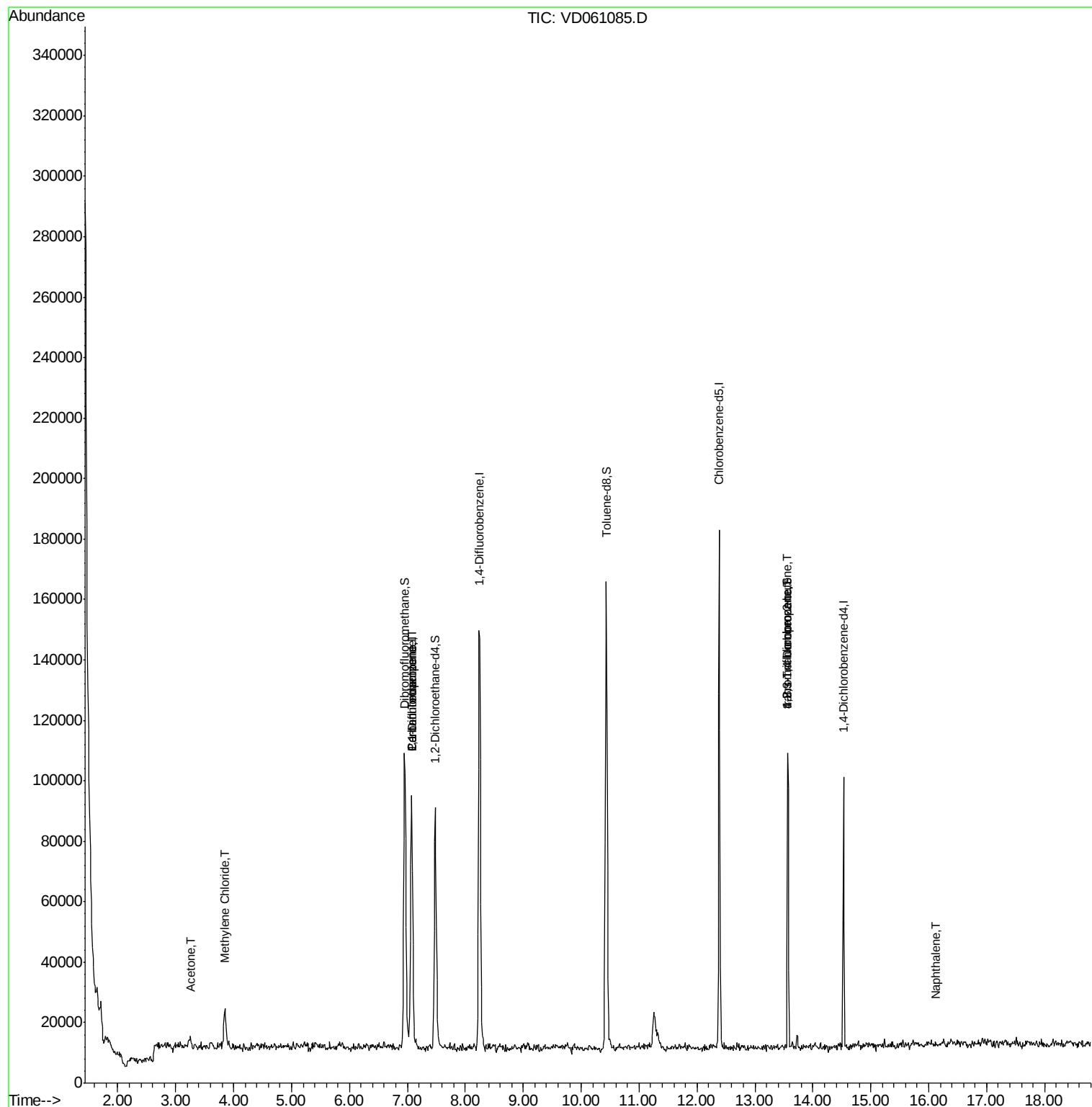
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	90794	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	180080	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	107616	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	21190	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	74707	98.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	197.70%	
35) Dibromofluoromethane	6.95	113	93786	70.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	140.36%	
50) Toluene-d8	10.43	98	140038	41.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.46%	
62) 4-Bromofluorobenzene	13.56	95	33113	25.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	50.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.25	43	5069	23.455	ug/l #	83
20) Methylene Chloride	3.85	84	10446	6.548	ug/l #	86
36) 1,1-Dichloropropene	7.08	75	6042	3.892	ug/l #	39
38) Carbon Tetrachloride	7.08	117	8549	5.000	ug/l #	11
76) 1,2,3-Trichloropropane	13.56	75	12208	40.045	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	12209	135.840	ug/l #	17
95) Naphthalene	16.13	128	500	1.222	ug/l #	70

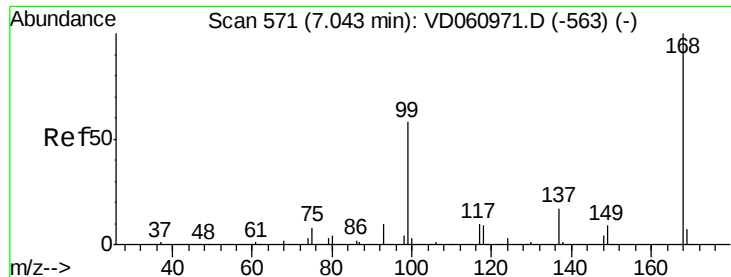
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031519\
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MSVOA_D
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SB-3(0.5-1.5)RE

Quant Time: Mar 16 05:42:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

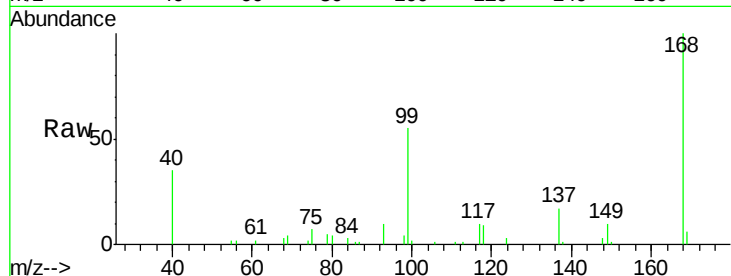
SB-3(0.5-1.5)RE

Tot Ion:168 Resp: 90794

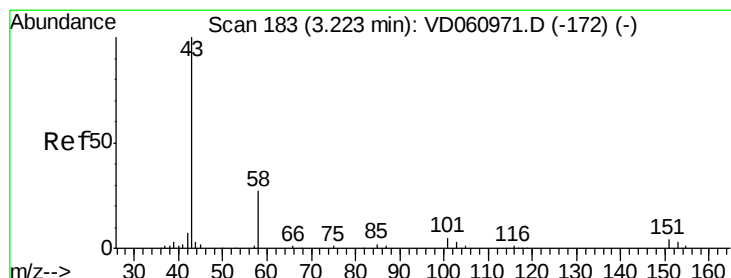
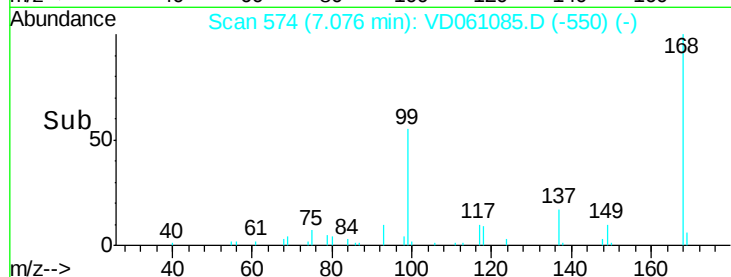
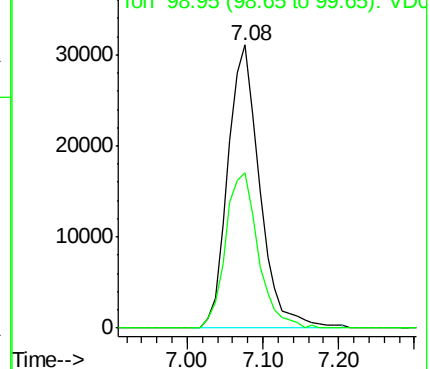
Ion Ratio Lower Upper

168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 23.455 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061085.D

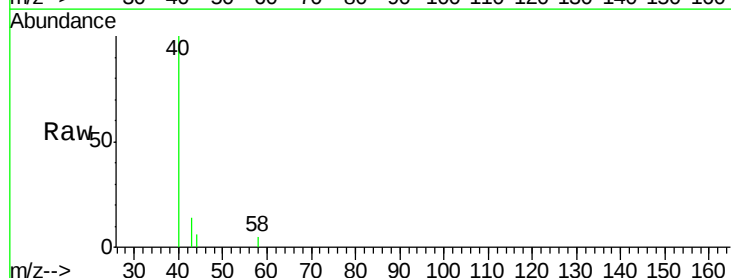
Acq: 15 Mar 2019 14:22

Tgt Ion: 43 Resp: 5069

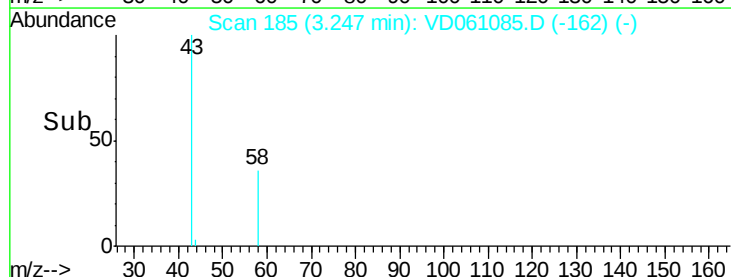
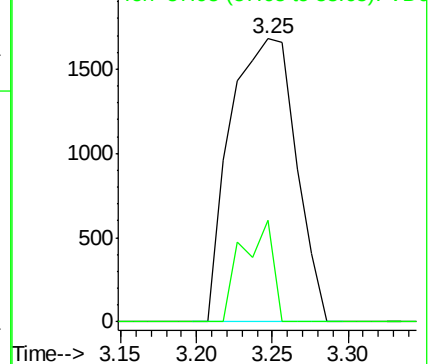
Ion Ratio Lower Upper

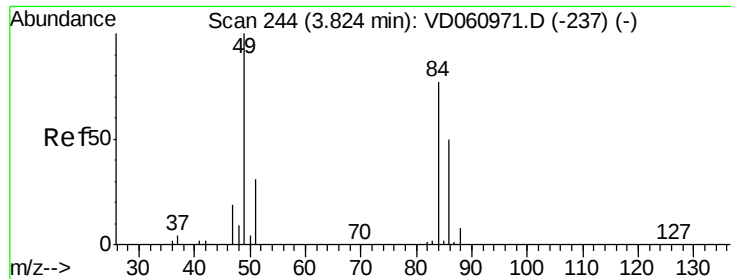
43 100

58 35.9 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

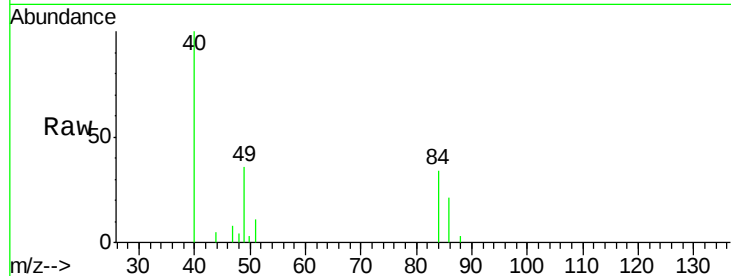




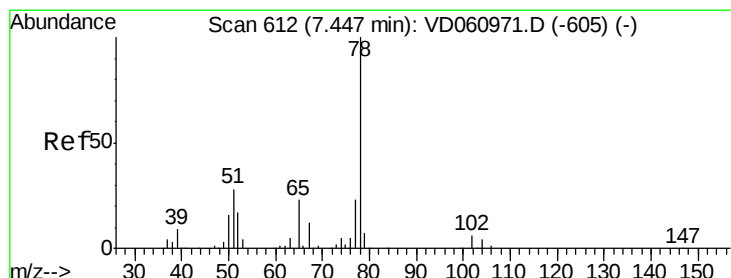
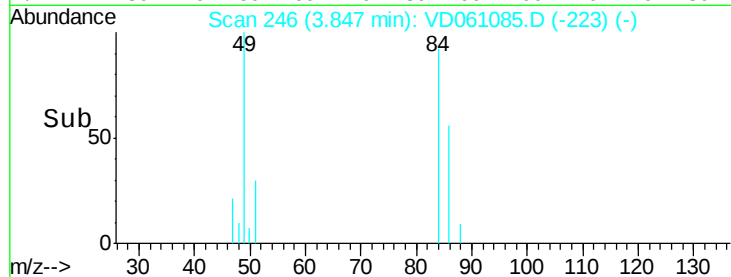
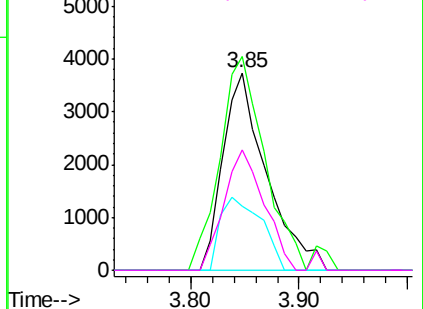
#20
Methylene Chloride
Concen: 6.548 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061085.D
Acq: 15 Mar 2019 14:22

Instrument :
MSVOA_D
ClientSampleId :
SB-3(0.5-1.5)RE

Tot Ion: 84 Resp: 10446
Ion Ratio Lower Upper
84 100
49 108.3 104.2 156.2
51 32.2 32.3 48.5#
86 61.1 52.3 78.5

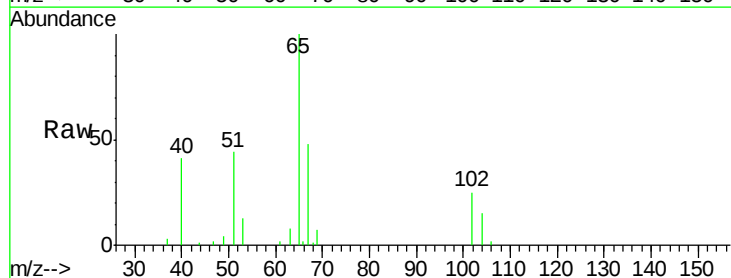


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

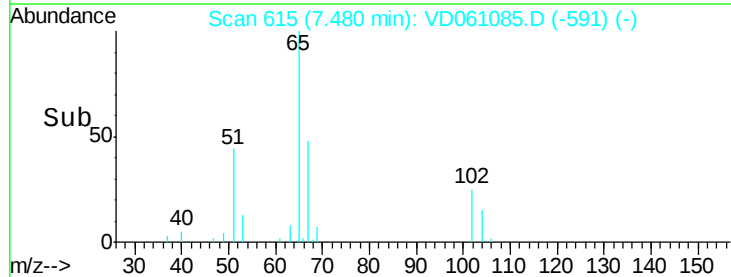
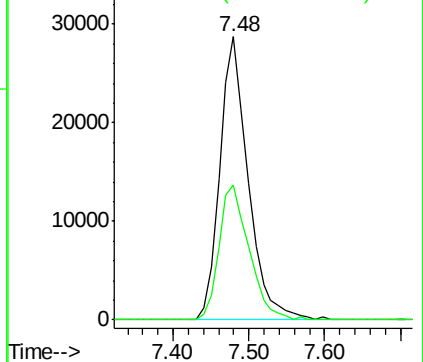


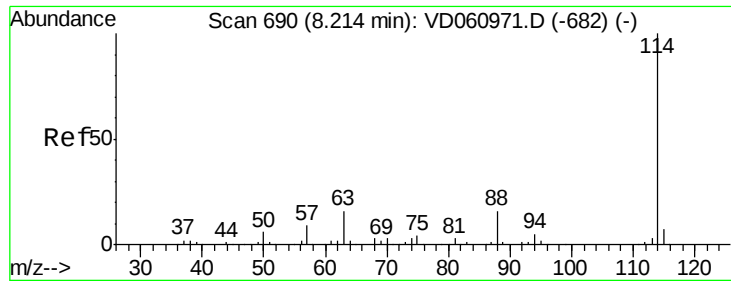
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061085.D
Acq: 15 Mar 2019 14:22

Tgt Ion: 65 Resp: 74707
Ion Ratio Lower Upper
65 100
67 47.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

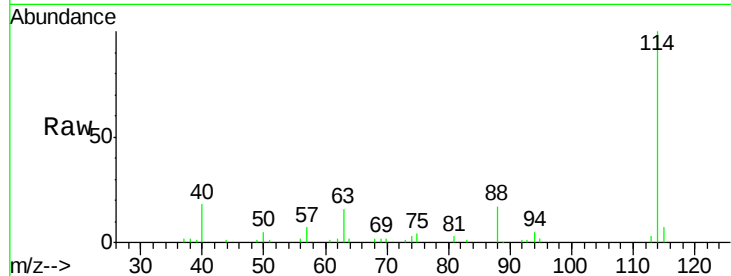




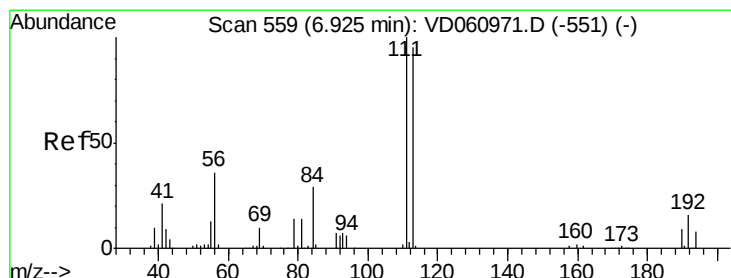
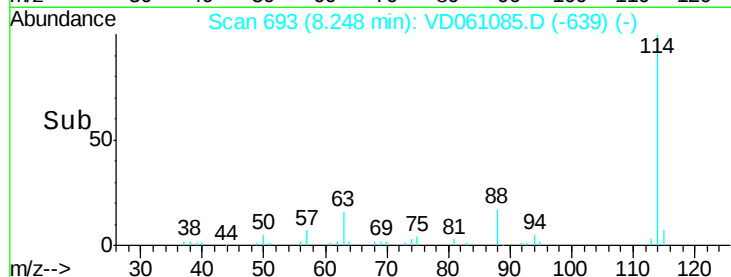
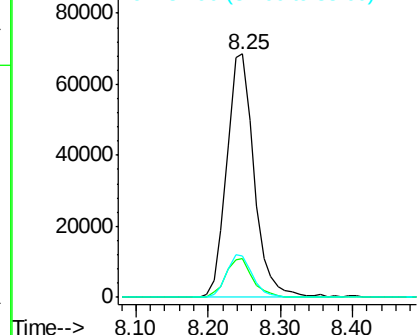
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061085.D
 Acq: 15 Mar 2019 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(0.5-1.5)RE

Tot Ion:114 Resp: 180080
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.4
 88 17.0 0.0 33.0

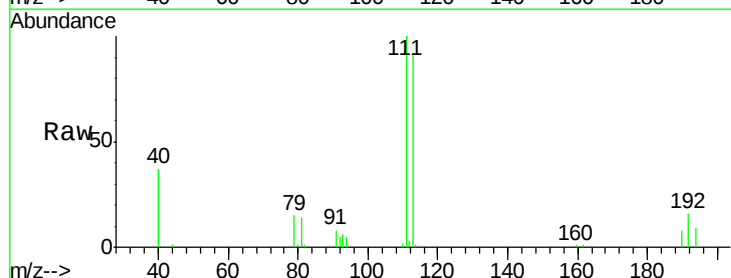


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

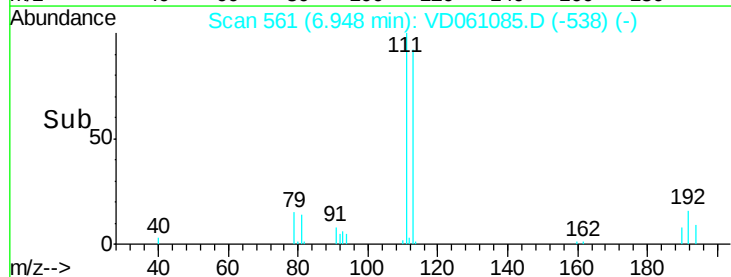
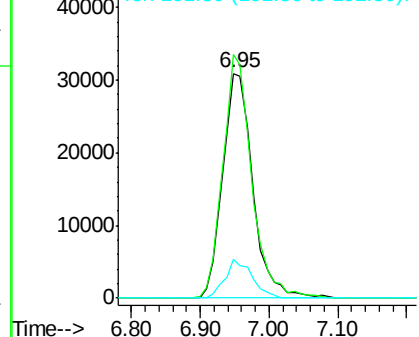


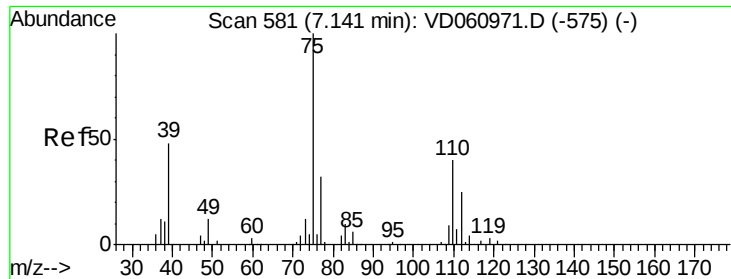
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061085.D
 Acq: 15 Mar 2019 14:22

Tgt Ion:113 Resp: 93786
 Ion Ratio Lower Upper
 113 100
 111 108.4 84.2 126.4
 192 17.0 13.1 19.7



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: 3.892 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

SB-3(0.5-1.5)RE

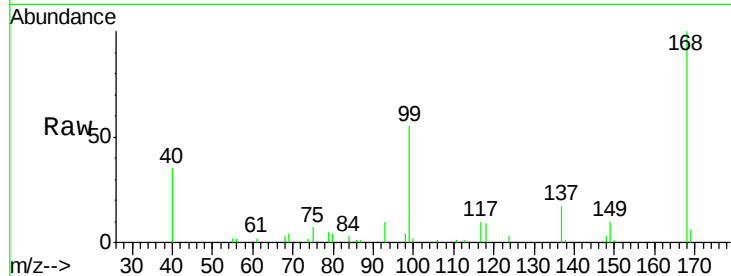
Tot Ion: 75 Resp: 6042

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.1#

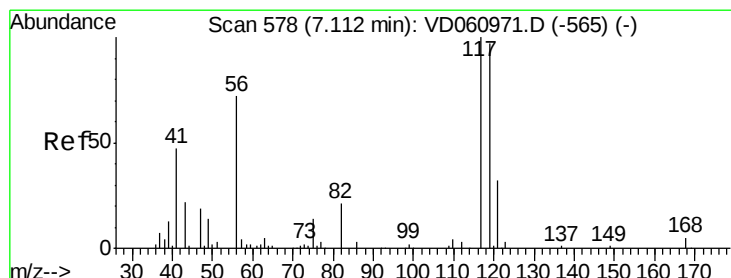
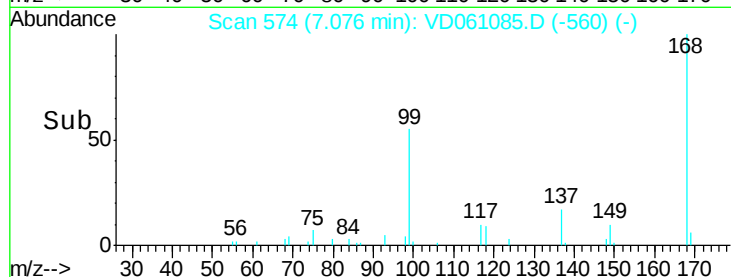
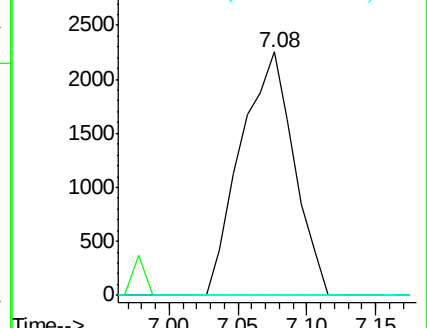
77 0.0 24.7 37.1#



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: 5.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

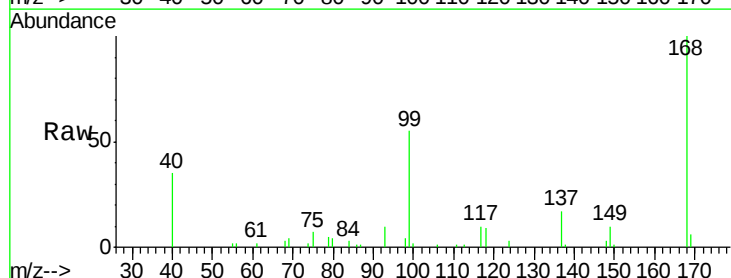
Tgt Ion: 117 Resp: 8549

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.8#

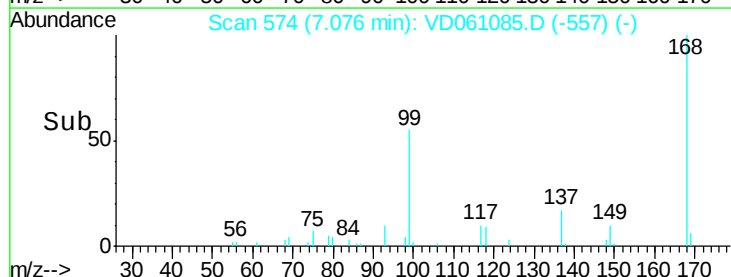
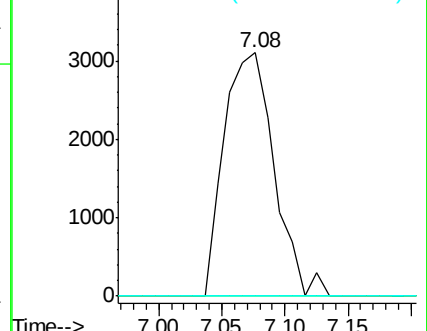
121 0.0 25.3 37.9#

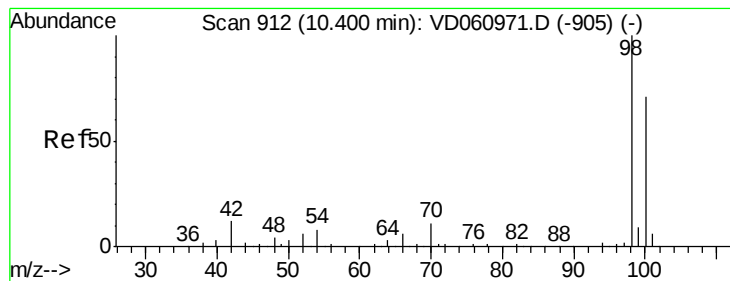


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

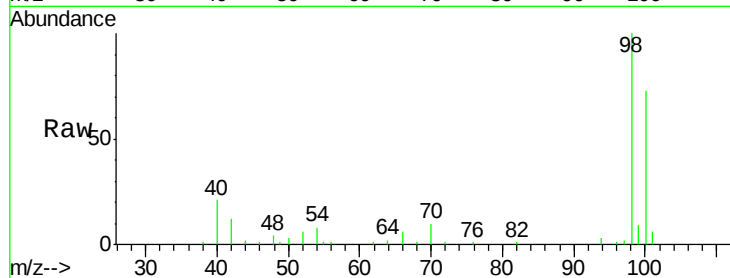
SB-3(0.5-1.5)RE

Tot Ion: 98 Resp: 140038

Ion Ratio Lower Upper

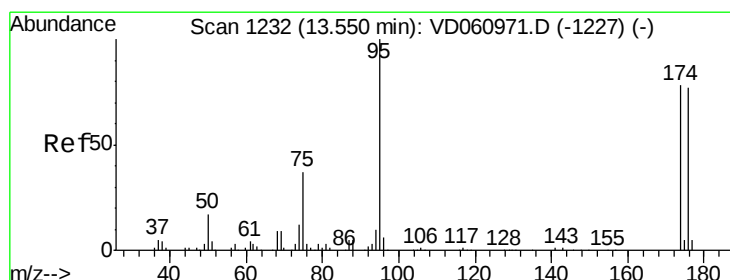
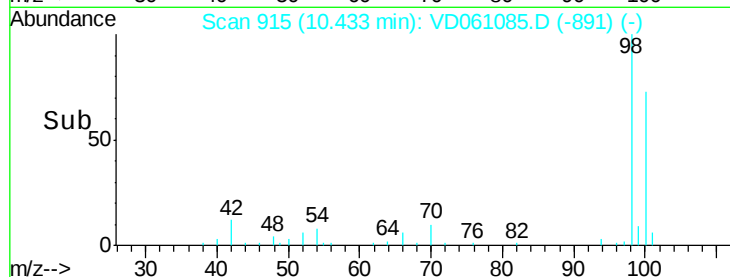
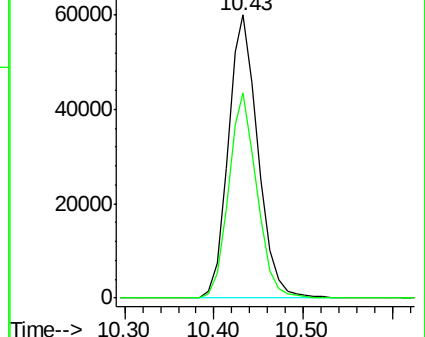
98 100

100 72.6 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

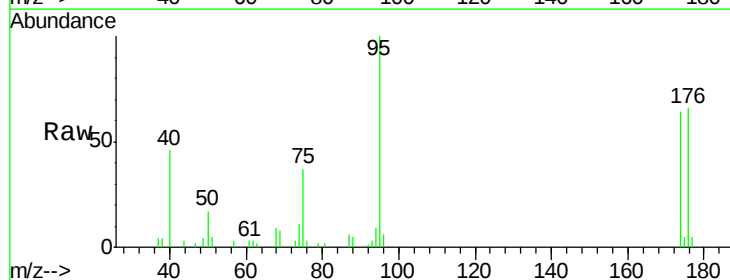
Tgt Ion: 95 Resp: 33113

Ion Ratio Lower Upper

95 100

174 63.6 0.0 155.6

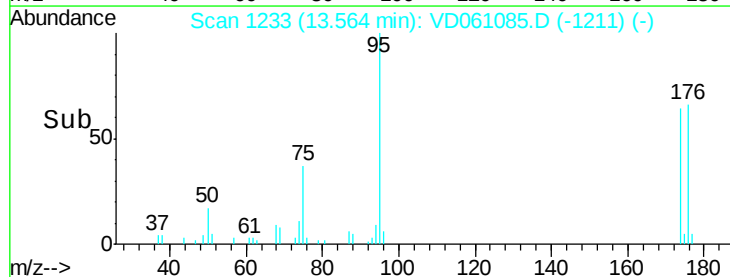
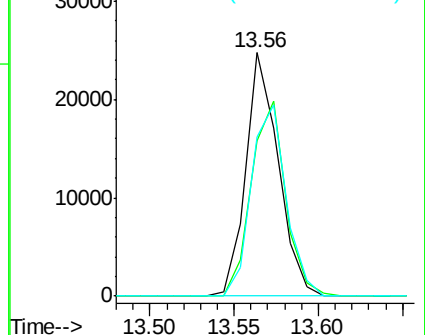
176 65.5 0.0 153.8

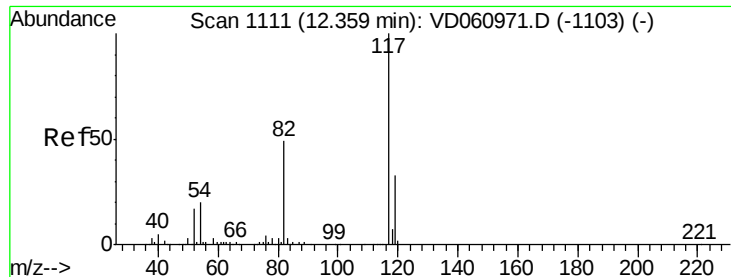


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

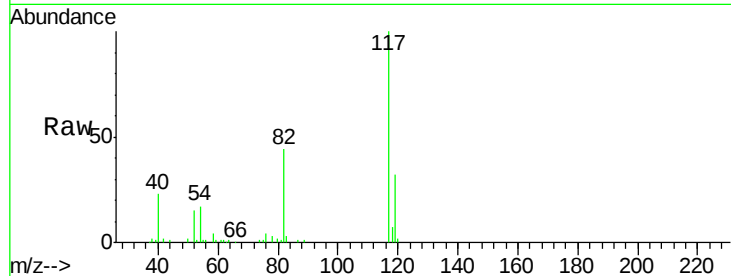




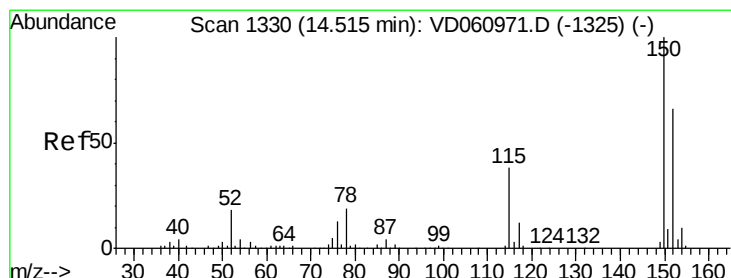
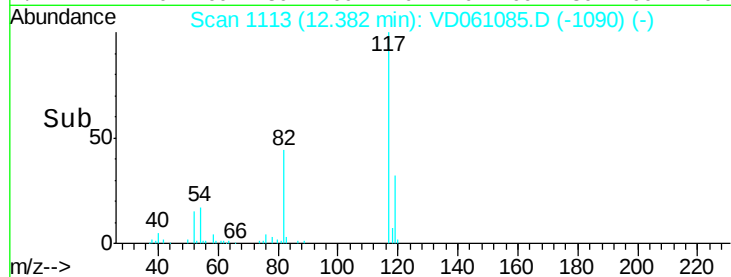
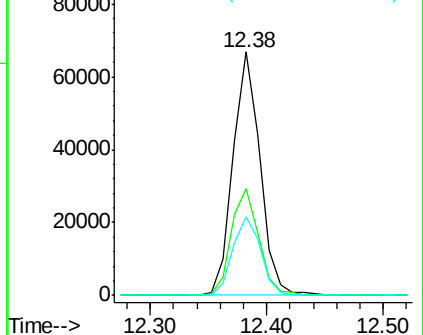
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061085.D
Acq: 15 Mar 2019 14:22

Instrument :
MSVOA_D
ClientSampleId :
SB-3(0.5-1.5)RE

Tot Ion:117 Resp: 107616
Ion Ratio Lower Upper
117 100
82 44.0 38.9 58.3
119 32.0 26.6 39.8

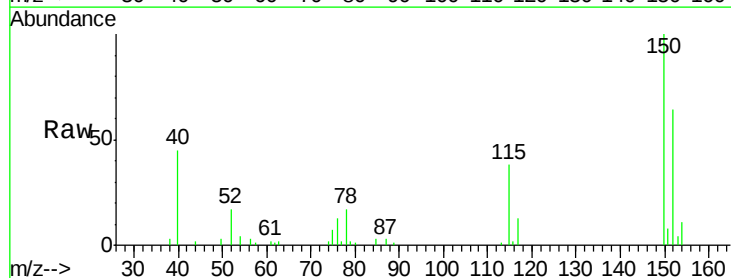


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

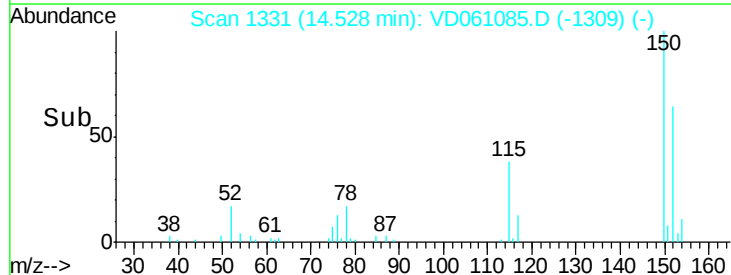
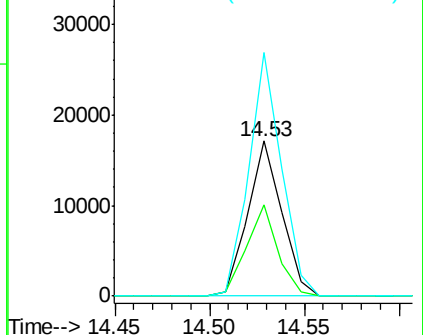


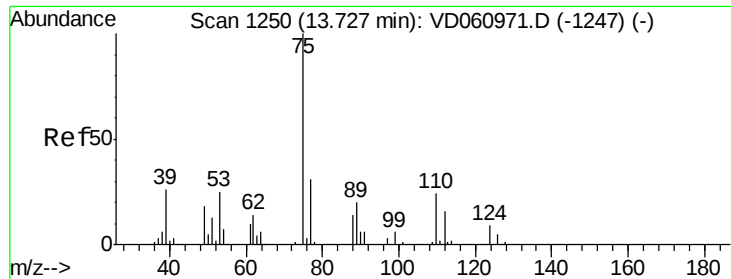
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061085.D
Acq: 15 Mar 2019 14:22

Tgt Ion:152 Resp: 21190
Ion Ratio Lower Upper
152 100
115 59.3 28.6 85.9
150 157.2 0.0 310.6



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





#76

1,2,3-Trichloropropane

Concen: 40.045 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

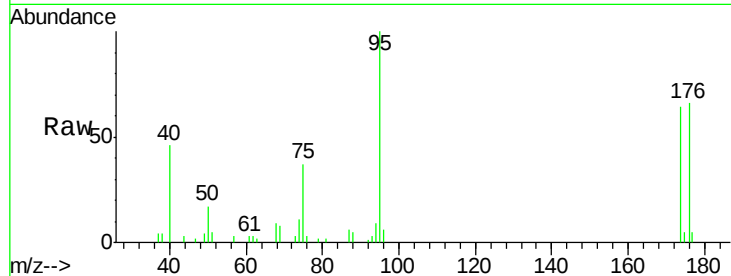
SB-3(0.5-1.5)RE

Tot Ion: 75 Resp: 12208

Ion Ratio Lower Upper

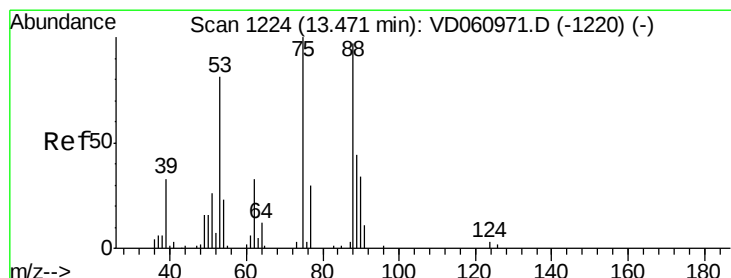
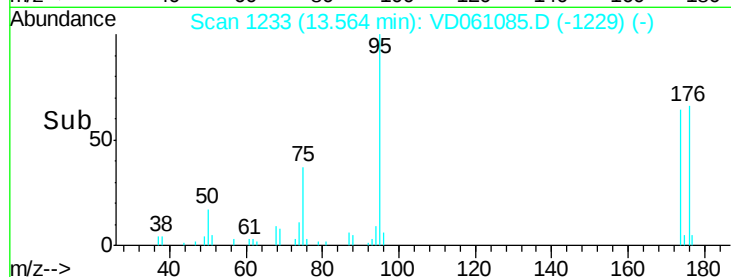
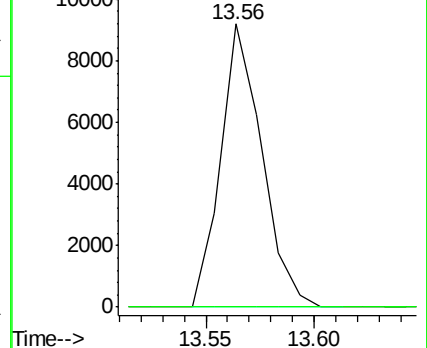
75 100

77 0.0 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 135.840 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061085.D

Acq: 15 Mar 2019 14:22

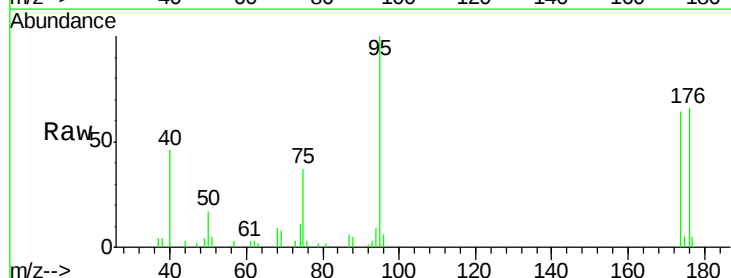
Tgt Ion: 75 Resp: 12209

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

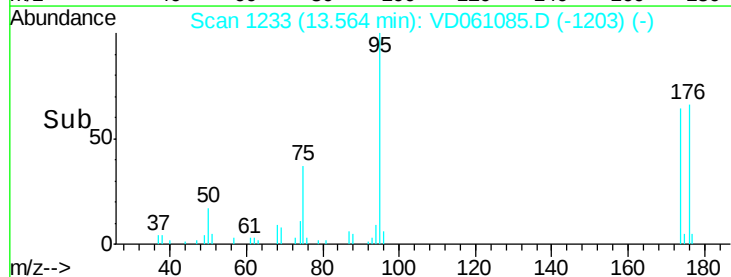
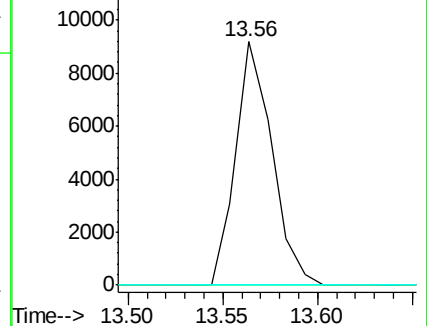
89 0.0 34.8 52.2#

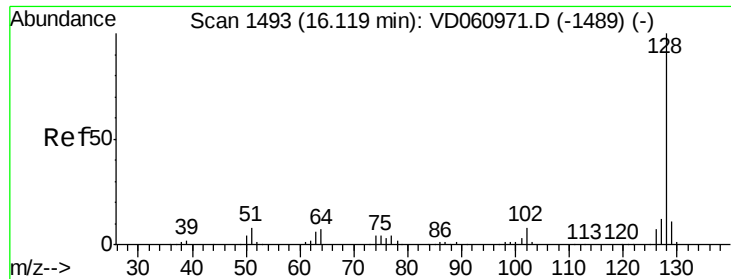


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 1.222 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061085.D

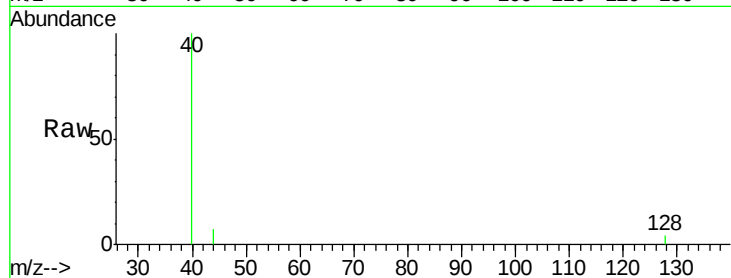
Acq: 15 Mar 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

SB-3(0.5-1.5)RE



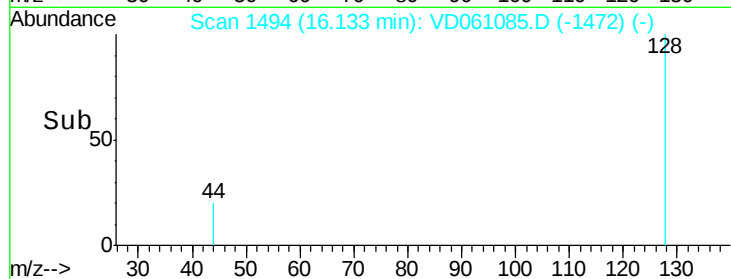
Tot Ion:128 Resp: 500

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.5 12.7#



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

