

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
 Data File : VD061355.D
 Acq On : 27 Mar 2019 15:54
 Operator : VA/AP
 Sample : VD0327SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

Quant Time: Mar 28 04:00:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	833045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1371308	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1160960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	492466	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	335438	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	6.91	113	555169	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
50) Toluene-d8	10.38	98	1344727	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	13.54	95	503624	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	

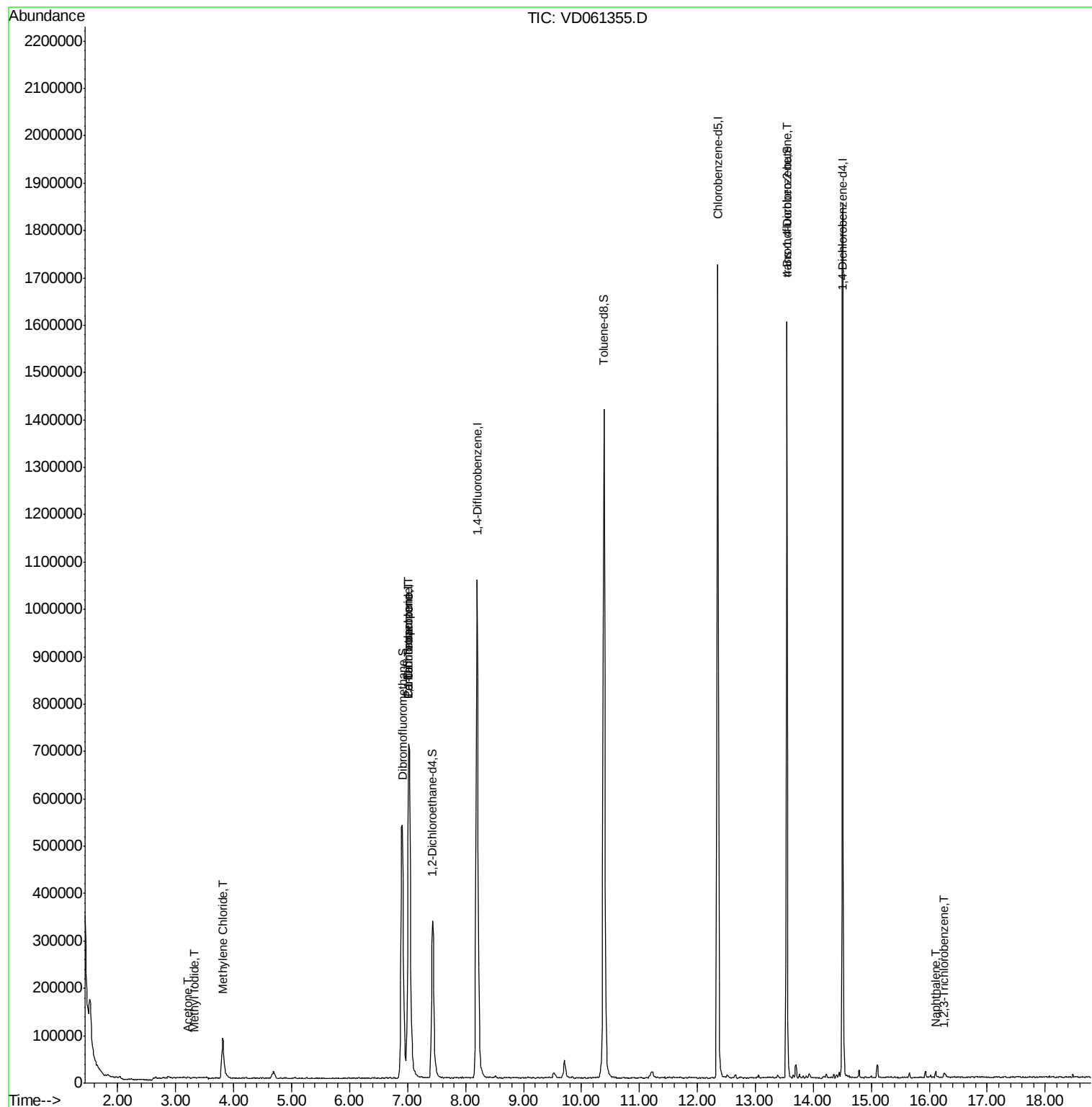
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.33	142	3999	3.701	ug/l #	72
16) Acetone	3.23	43	3080	1.684	ug/l #	48
20) Methylene Chloride	3.81	84	66568	4.758	ug/l	94
36) 1,1-Dichloropropene	7.03	75	60142	5.025	ug/l #	45
38) Carbon Tetrachloride	7.03	117	77915	5.718	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.54	75	184311	84.975	ug/l #	18
95) Naphthalene	16.11	128	10112	1.032	ug/l #	97
96) 1,2,3-Trichlorobenzene	16.26	180	3307	1.169	ug/l	92

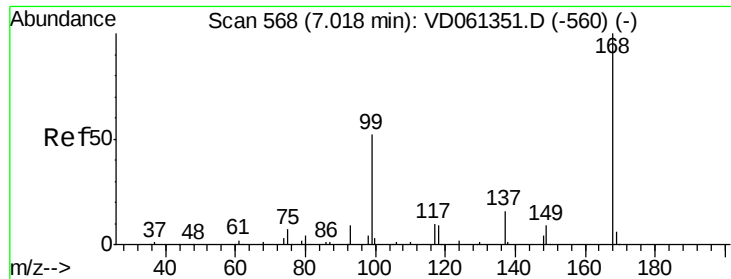
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032719\NOT REVIEWED DATA\VD032719\
Data File : VD061355.D
Acq On : 27 Mar 2019 15:54
Operator : VA/AP
Sample : VD0327SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Quant Time: Mar 28 04:00:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration

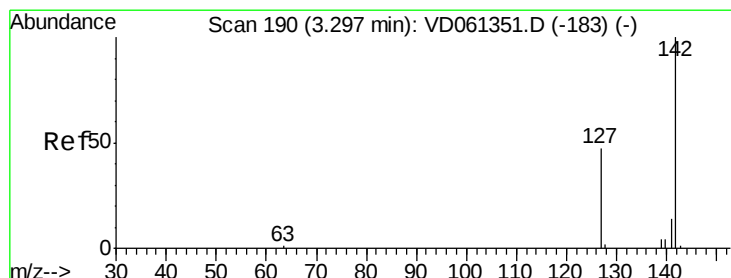
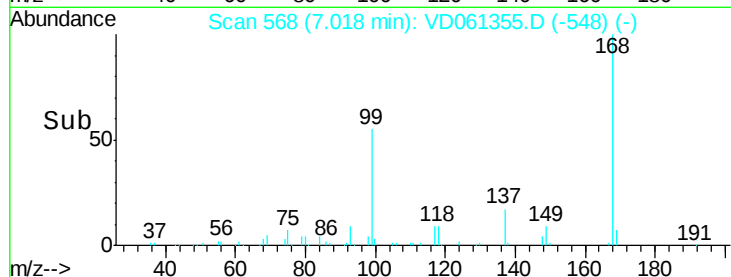
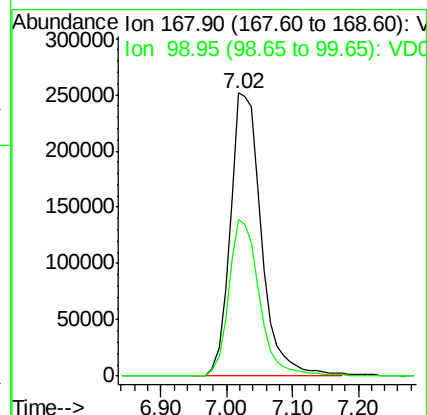
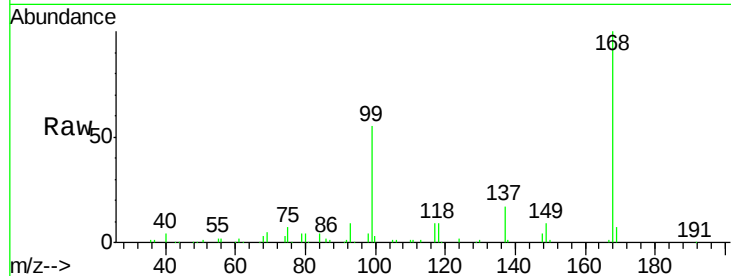




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

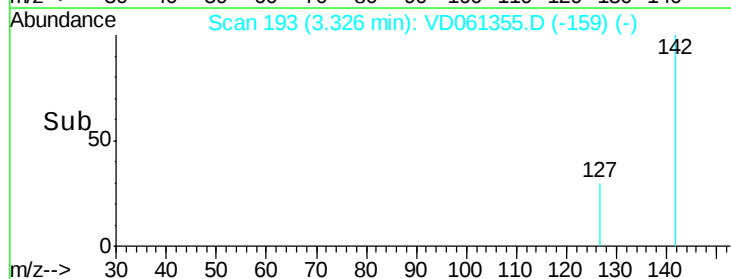
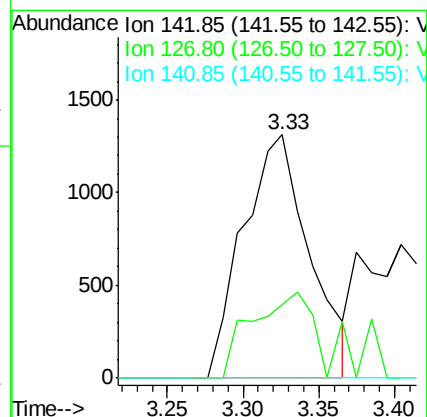
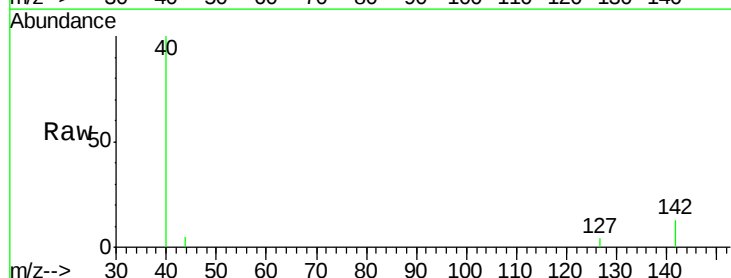
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Tot Ion:168 Resp: 833045
Ion Ratio Lower Upper
168 100
99 55.4 43.1 64.7



#10
Methyl Iodide
Concen: 3.701 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Tgt Ion:142 Resp: 3999
Ion Ratio Lower Upper
142 100
127 30.1 37.7 56.5#
141 0.0 11.5 17.3#





#16

Acetone

Concen: 1.684 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

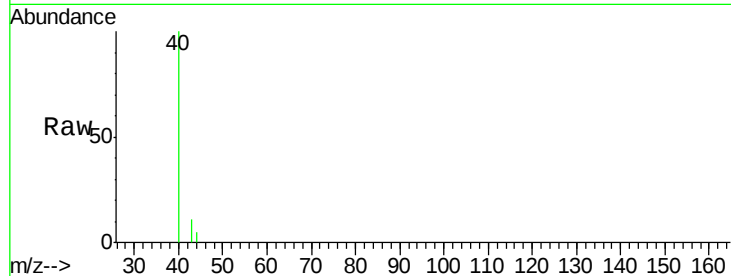
VD0327SBL01

Tot Ion: 43 Resp: 3080

Ion Ratio Lower Upper

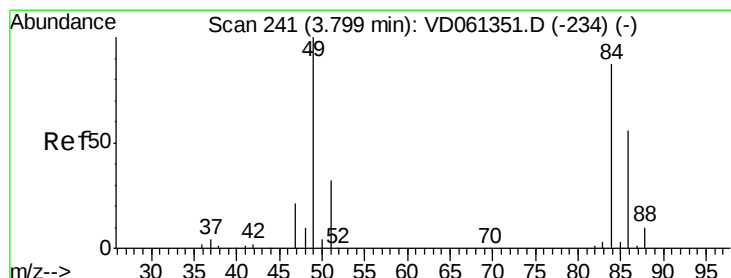
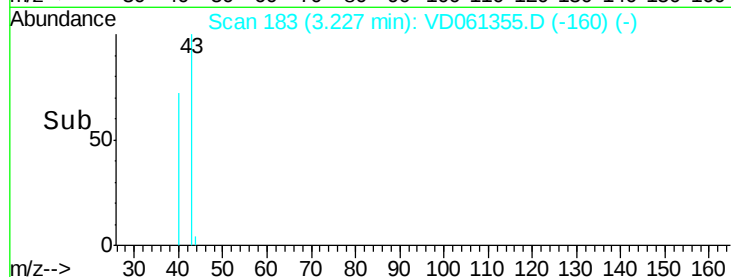
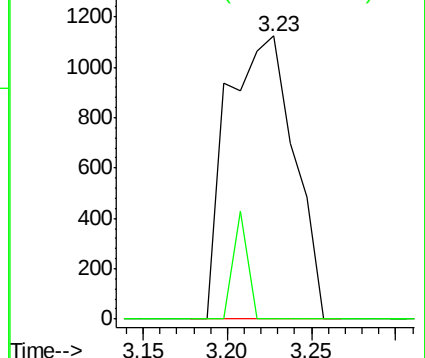
43 100

58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.758 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Tgt Ion: 84 Resp: 66568

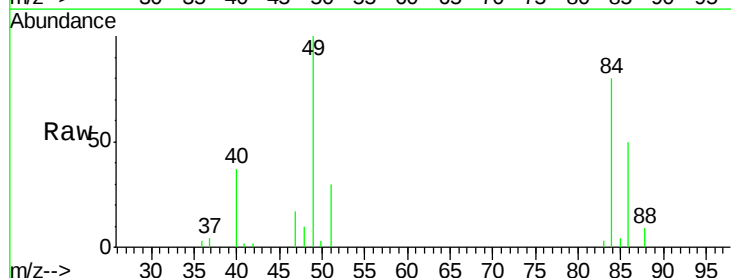
Ion Ratio Lower Upper

84 100

49 125.1 91.8 137.8

51 37.6 29.8 44.8

86 63.1 51.8 77.6

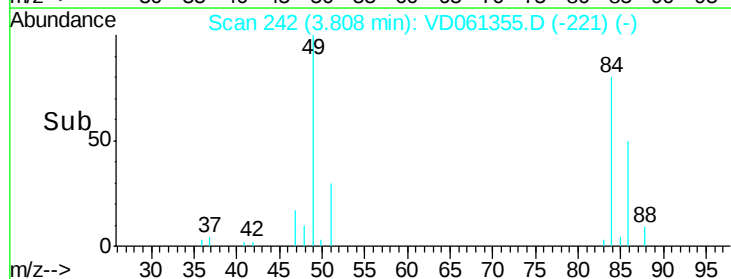
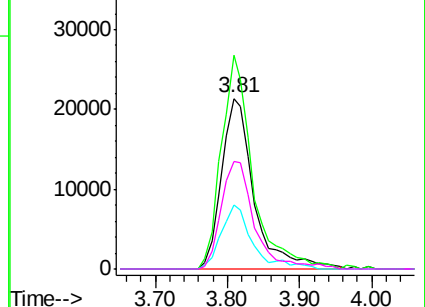


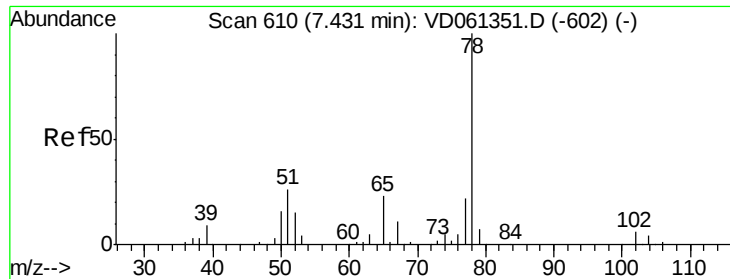
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

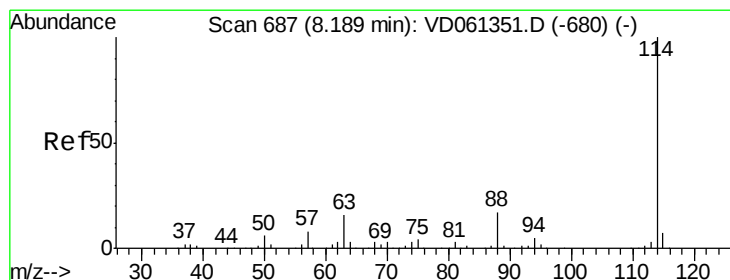
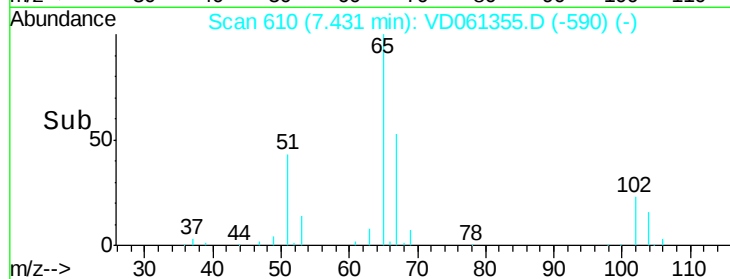
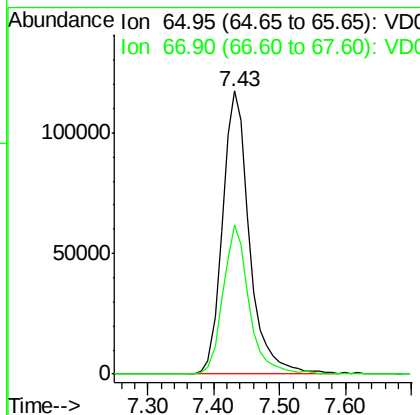
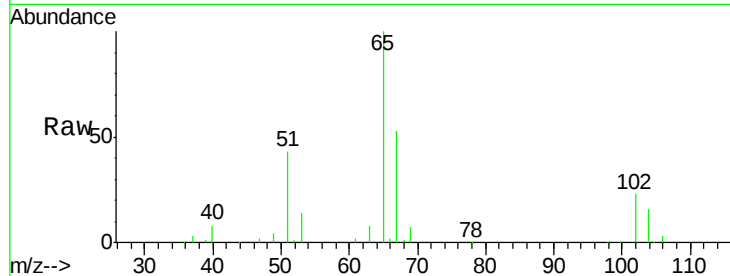




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

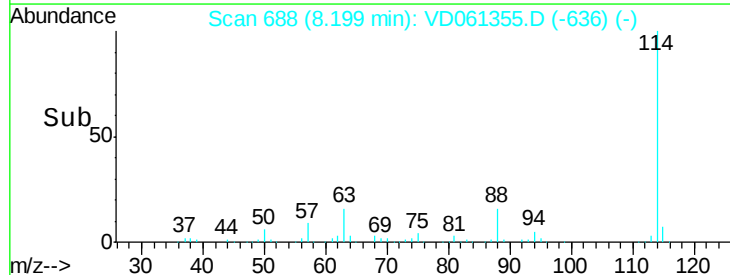
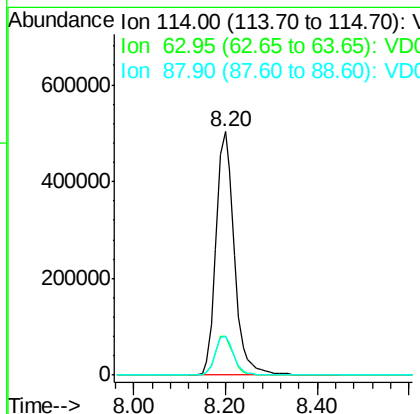
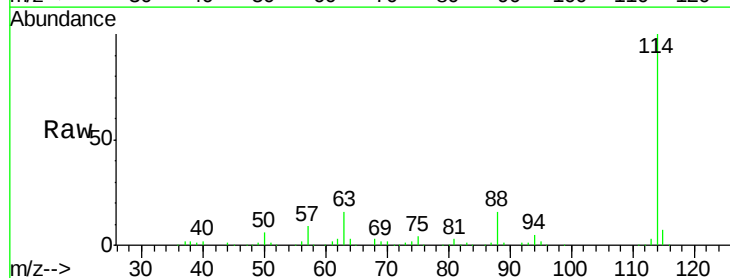
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

Tot Ion: 65 Resp: 335438
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

Tgt Ion: 114 Resp: 1371308
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 16.2 0.0 33.4

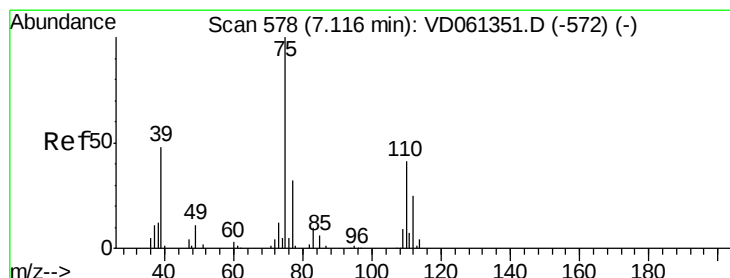
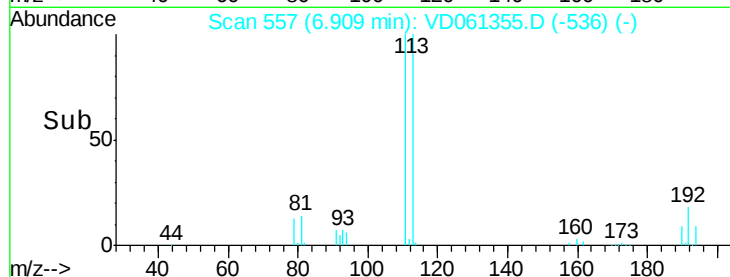
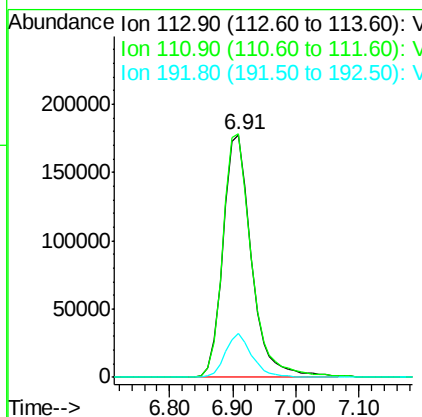
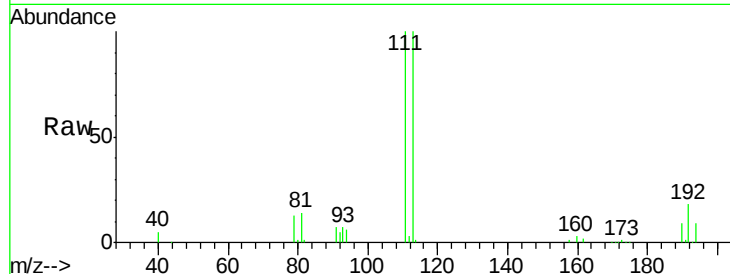




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

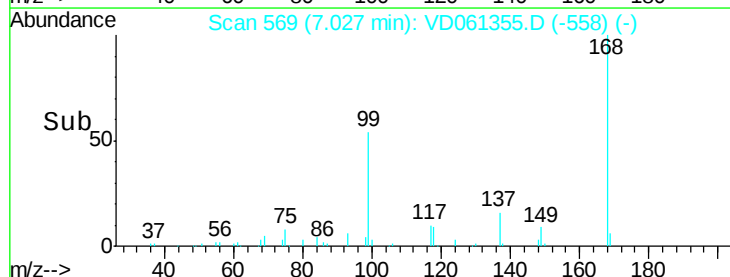
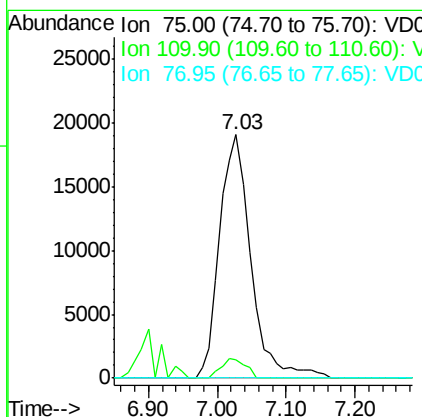
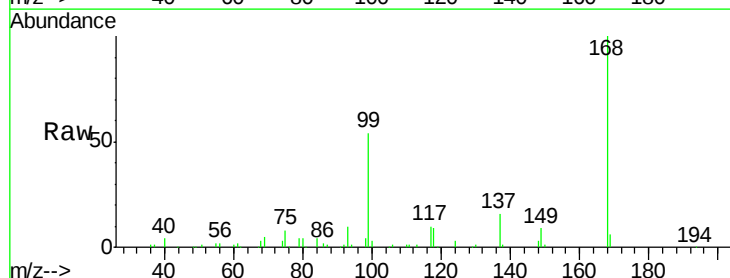
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

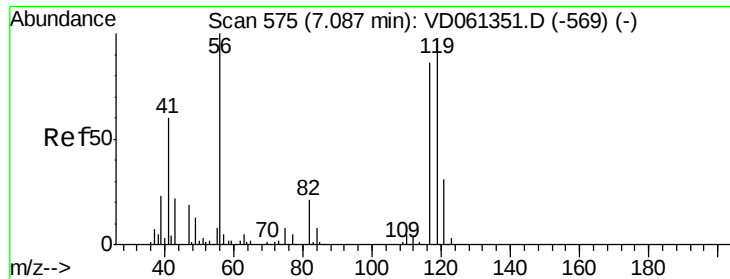
Tot Ion:113 Resp: 555169
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.0 121.6
 192 17.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

Tgt Ion: 75 Resp: 60142
 Ion Ratio Lower Upper
 75 100
 110 7.5 20.4 61.3#
 77 0.0 24.9 37.3#

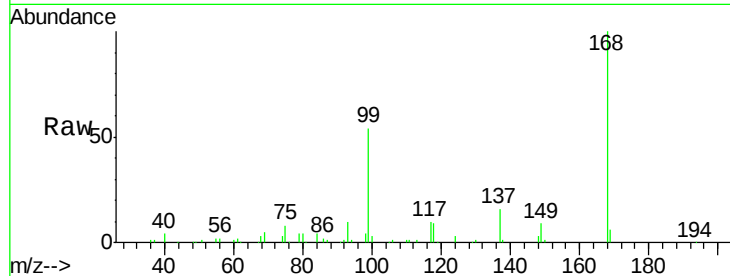




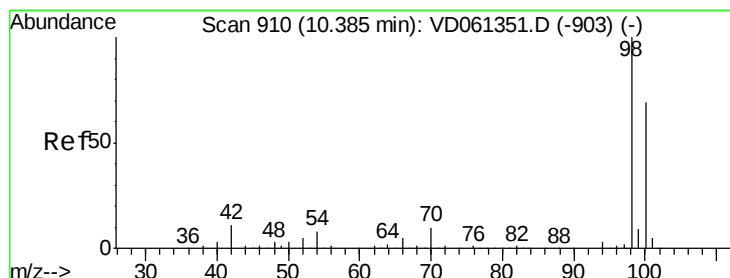
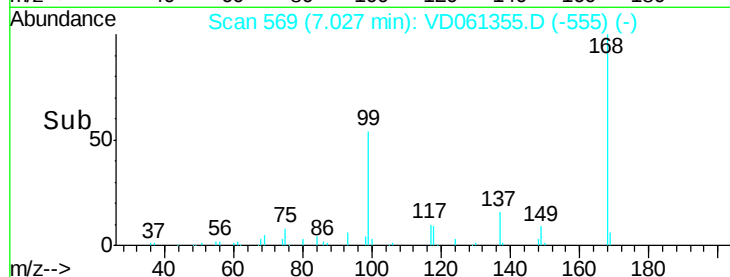
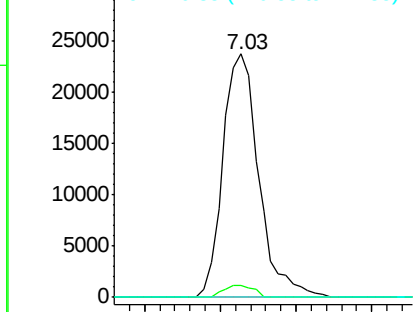
#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Tot Ion:117 Resp: 77915
Ion Ratio Lower Upper
117 100
119 4.8 80.1 120.1#
121 0.0 25.6 38.4#

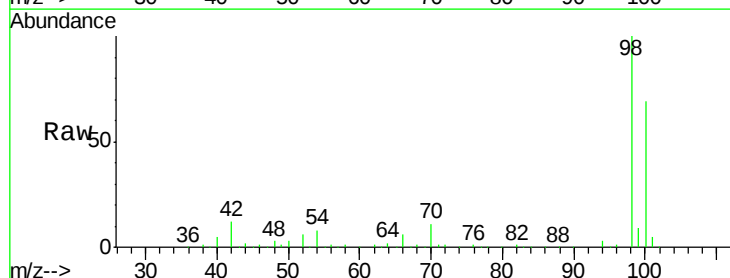


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

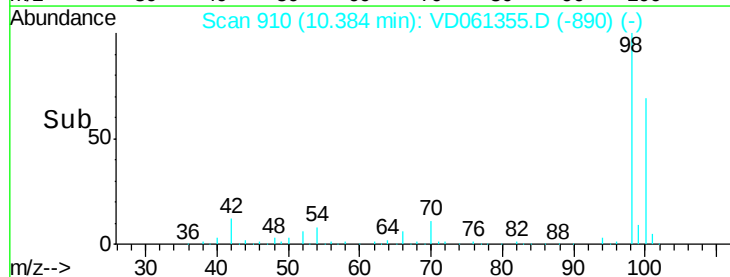
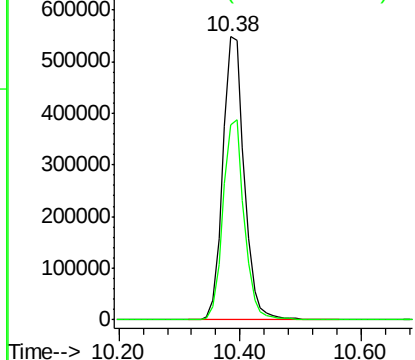


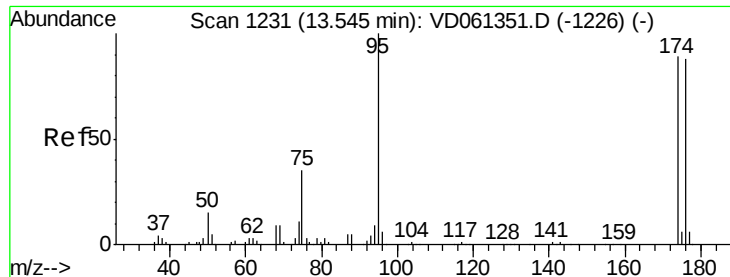
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Tgt Ion: 98 Resp: 1344727
Ion Ratio Lower Upper
98 100
100 69.1 56.2 84.2



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

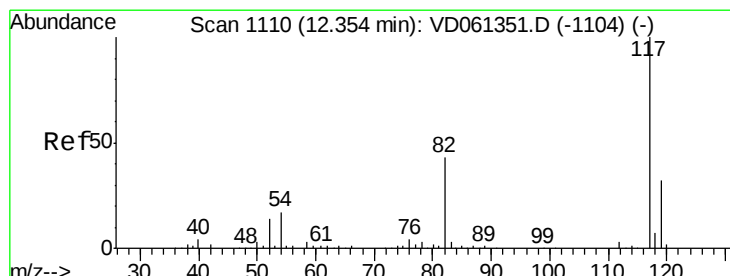
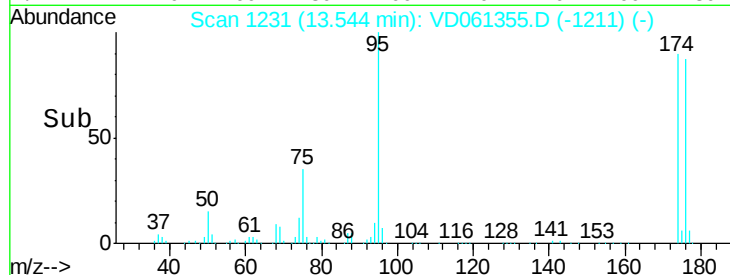
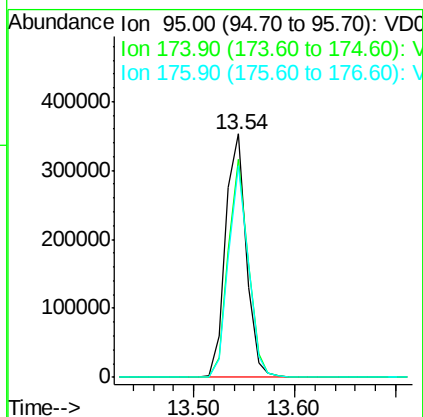
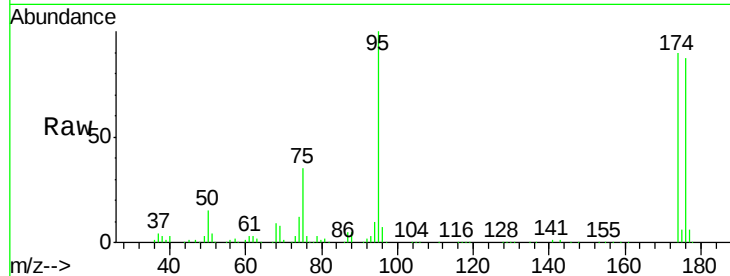




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

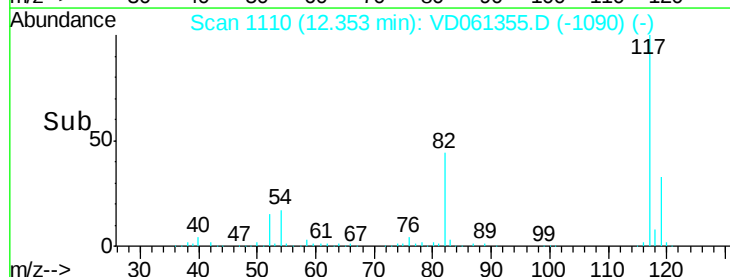
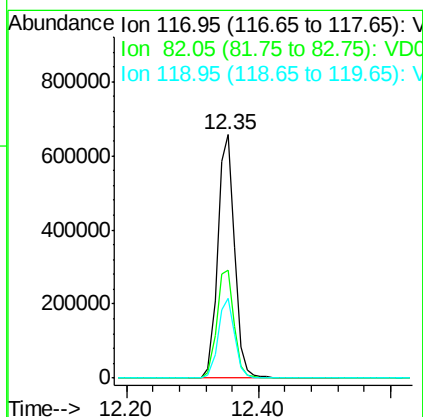
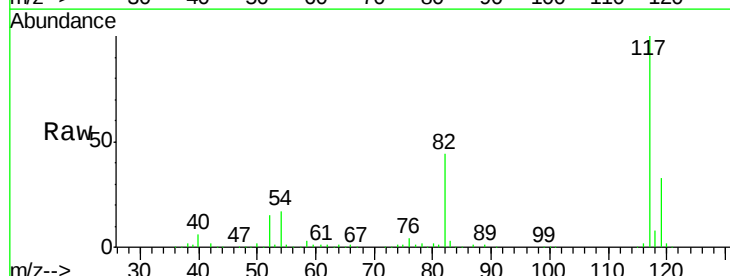
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

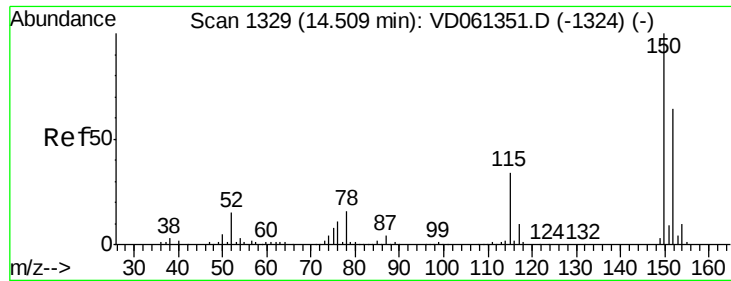
Tot Ion: 95 Resp: 503624
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 87.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Tgt Ion: 117 Resp: 1160960
Ion Ratio Lower Upper
117 100
82 44.2 34.4 51.6
119 33.0 25.8 38.6



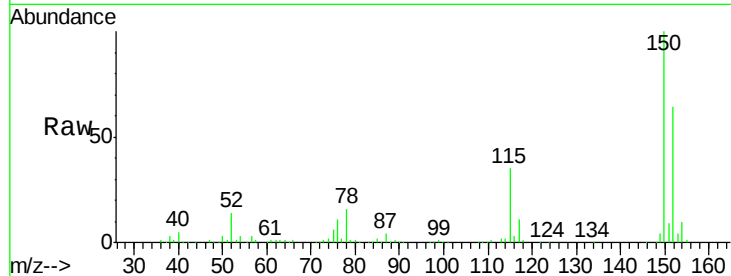


#72

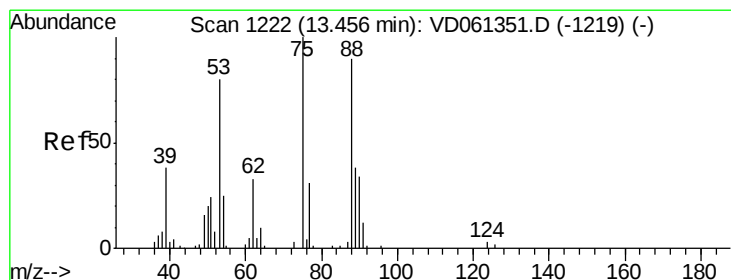
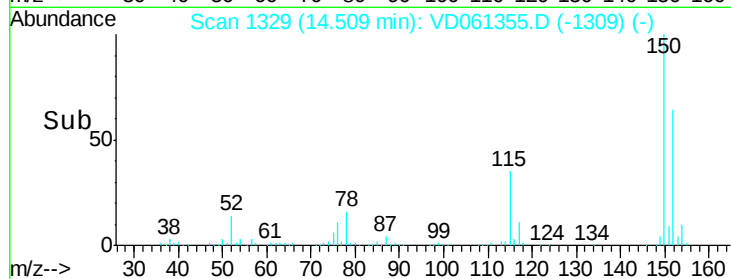
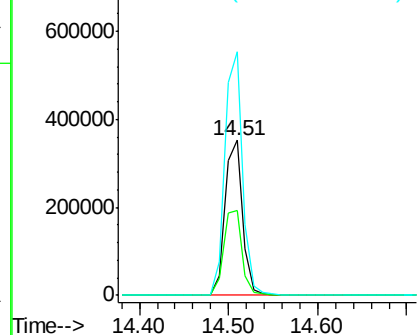
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Tot Ion:152 Resp: 492466
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.6
150 157.4 0.0 318.0



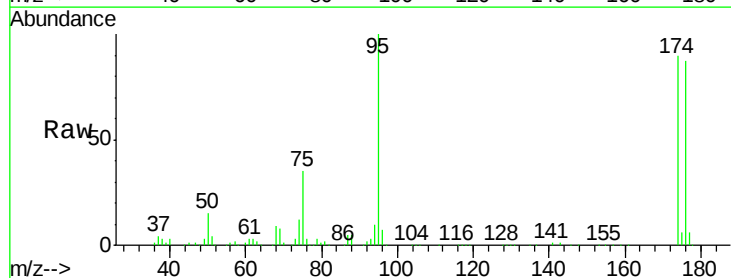
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



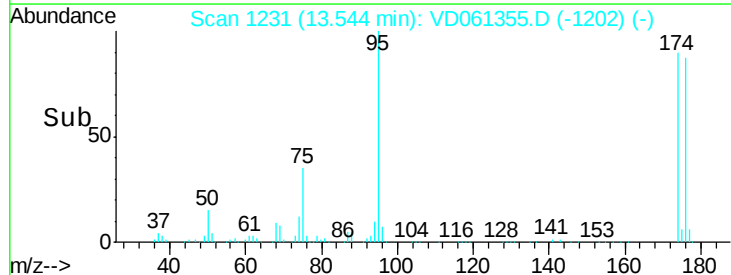
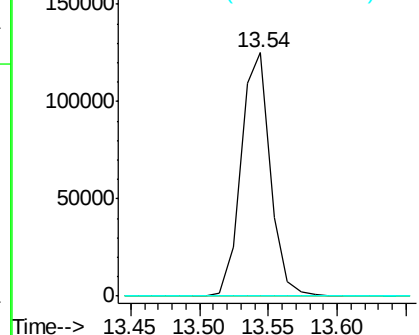
#81

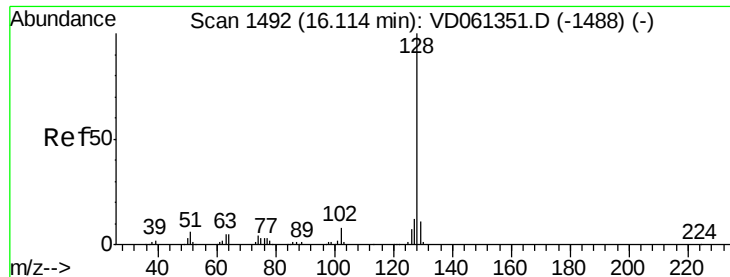
trans-1,4-Dichloro-2-butene
Concen: 84.975 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.09 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Tgt Ion: 75 Resp: 184311
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.8#
89 0.0 30.5 45.7#



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: 1.032 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL01

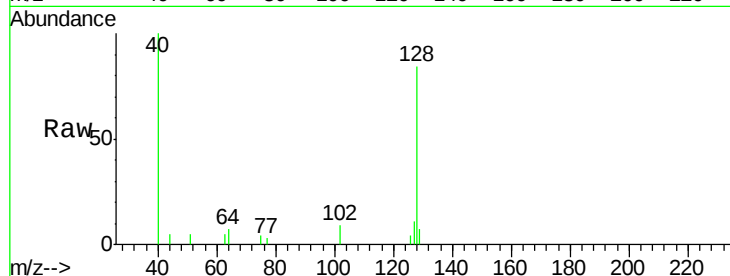
Tot Ion:128 Resp: 10112

Ion Ratio Lower Upper

128 100

127 12.5 9.9 14.9

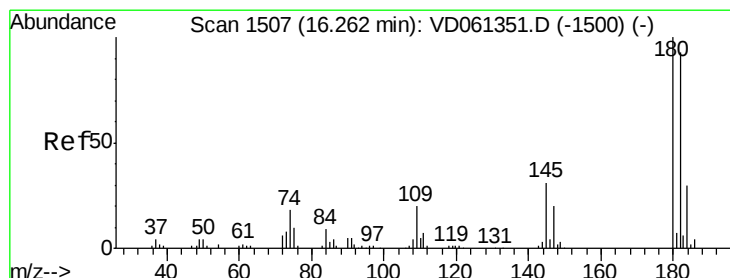
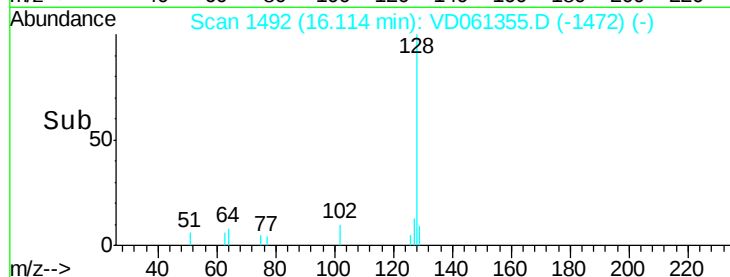
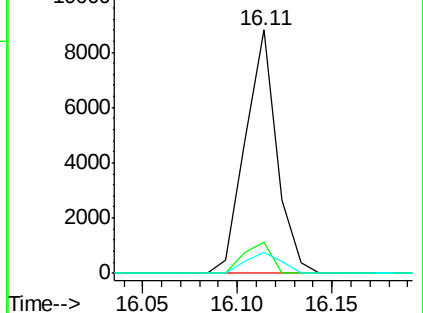
129 8.7 8.9 13.3#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.169 ug/l

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

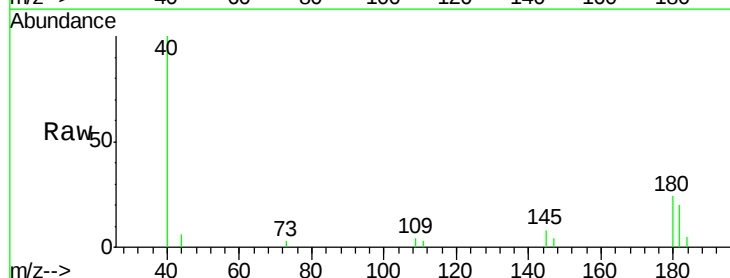
Tgt Ion:180 Resp: 3307

Ion Ratio Lower Upper

180 100

182 83.7 46.4 139.1

145 33.4 15.3 45.9



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

