

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061620.D
 Acq On : 5 Apr 2019 14:54
 Operator : VA/AP
 Sample : K2214-07RE
 Misc : 5.55g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 06 00:26:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

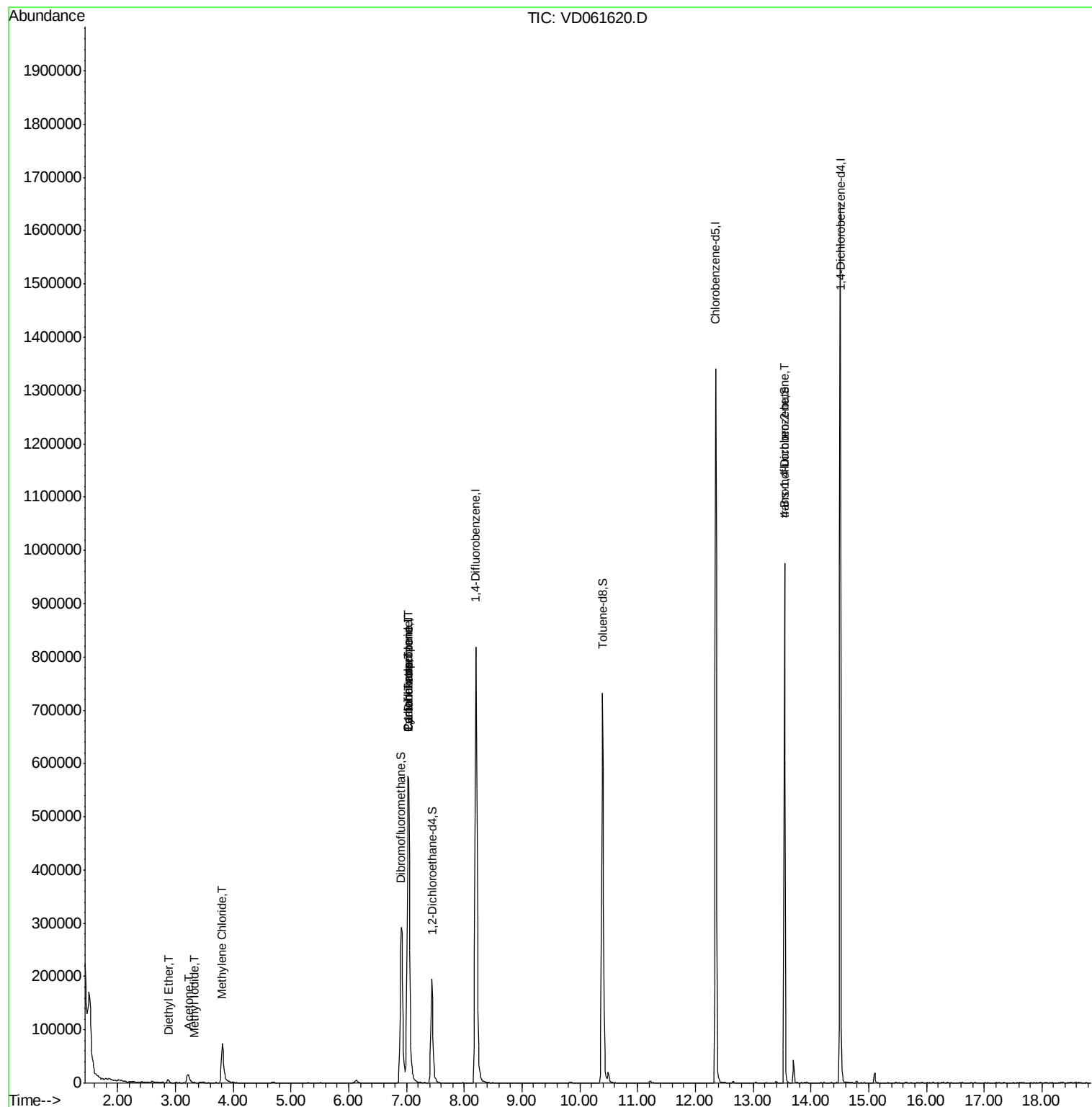
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	619178	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	1038552	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	826787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	373810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	191458	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
35) Dibromofluoromethane	6.91	113	297180	37.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.88%	
50) Toluene-d8	10.39	98	671025	35.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.50%	
62) 4-Bromofluorobenzene	13.54	95	298355	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
8) Diethyl Ether	2.87	74	2403	1.037	ug/l	73
10) Methyl Iodide	3.32	142	717	3.523	ug/l #	38
16) Acetone	3.22	43	39113	28.766	ug/l	100
20) Methylene Chloride	3.81	84	61846	6.447	ug/l	96
31) Cyclohexane	7.04	56	10197	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	44698	4.931	ug/l #	45
38) Carbon Tetrachloride	7.03	117	57571	5.527	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.54	75	112363	68.248	ug/l #	18

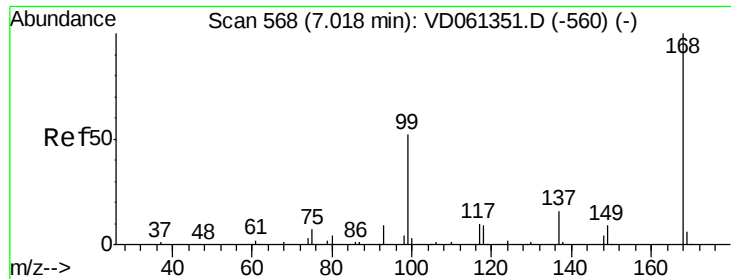
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061620.D

Acq: 5 Apr 2019 14:54

Instrument :

MSVOA_D

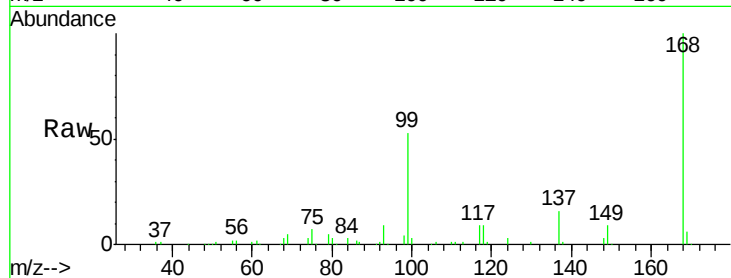
ClientSampleId :

Tot Ion:168 Resp: 619178

Ion Ratio Lower Upper

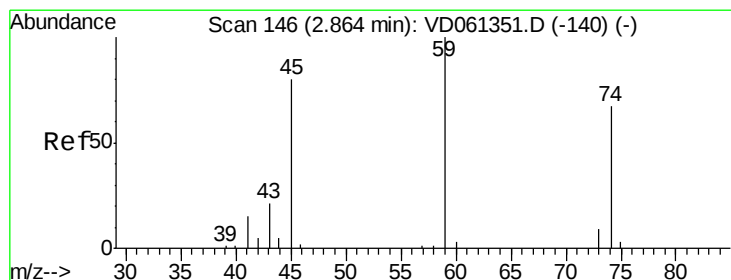
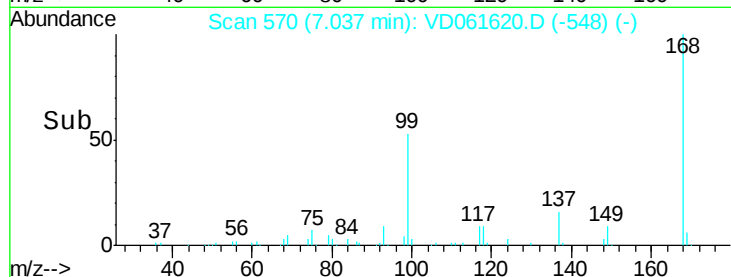
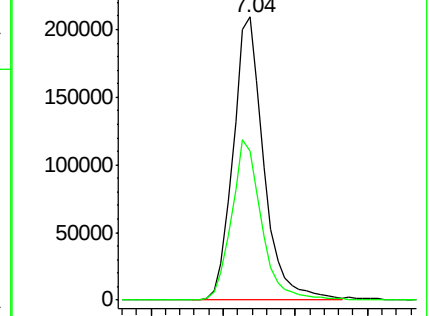
168 100

99 52.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.037 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD061620.D

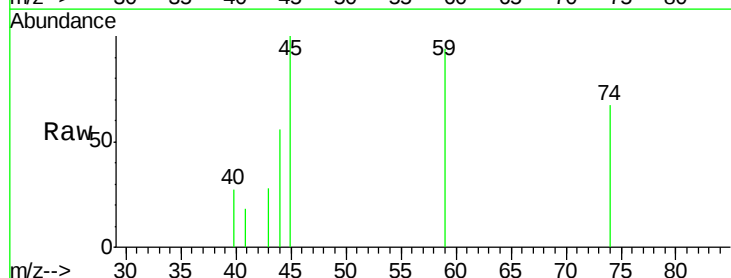
Acq: 5 Apr 2019 14:54

Tgt Ion: 74 Resp: 2403

Ion Ratio Lower Upper

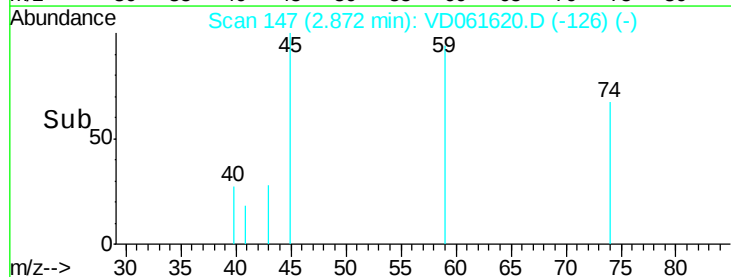
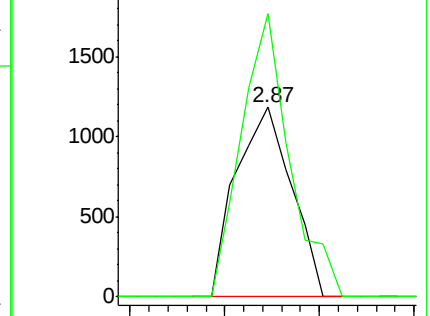
74 100

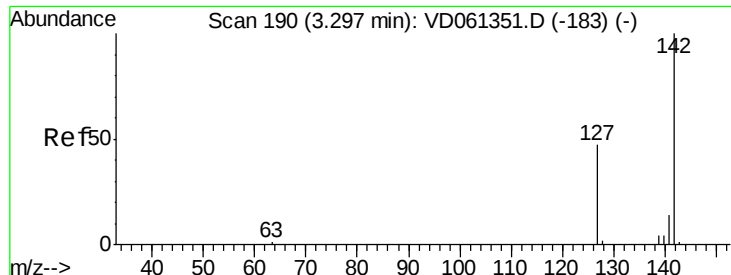
45 149.5 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

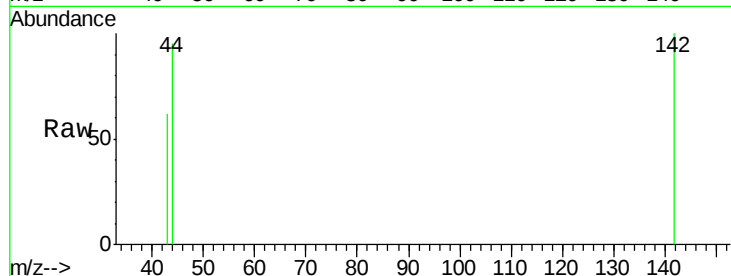




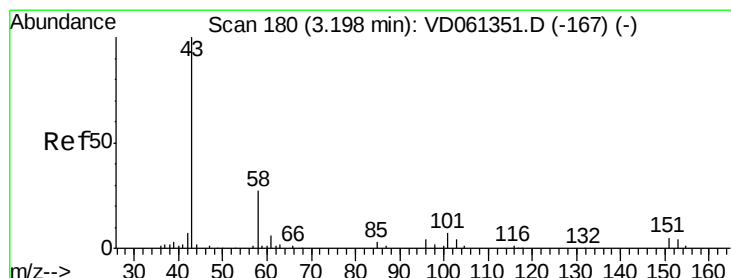
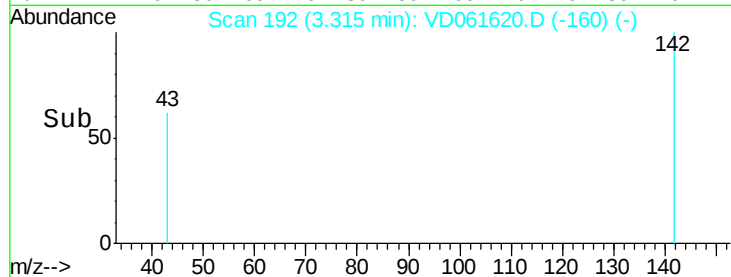
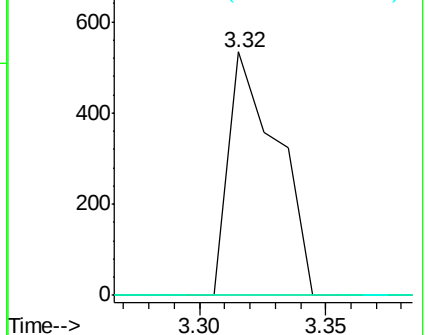
#10
Methvl Iodide
Concen: 3.523 ug/l
RT: 3.32 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 0.0 37.7 56.5#
141 0.0 11.5 17.3#

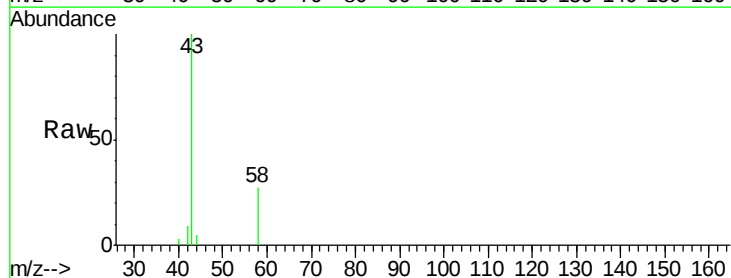


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

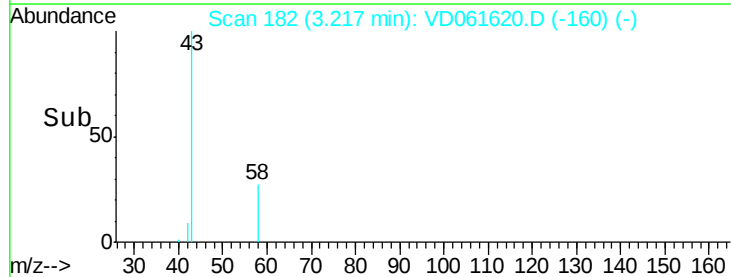
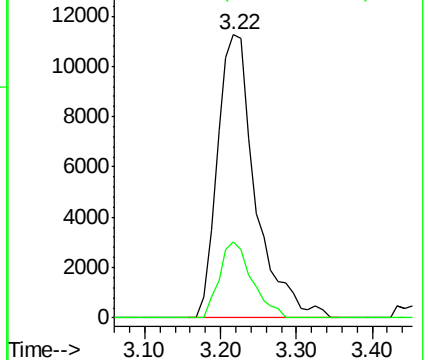


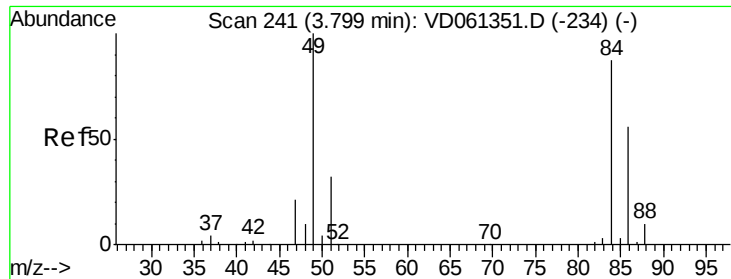
#16
Acetone
Concen: 28.766 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 43 Resp: 39113
Ion Ratio Lower Upper
43 100
58 26.7 21.5 32.3



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

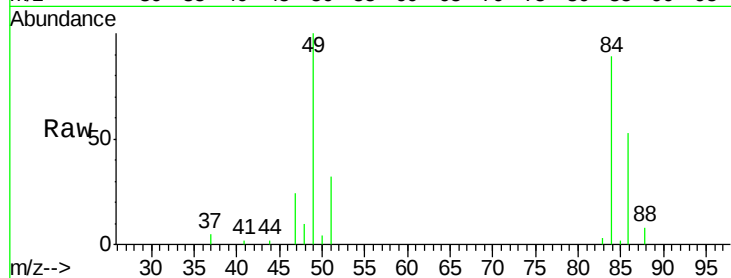




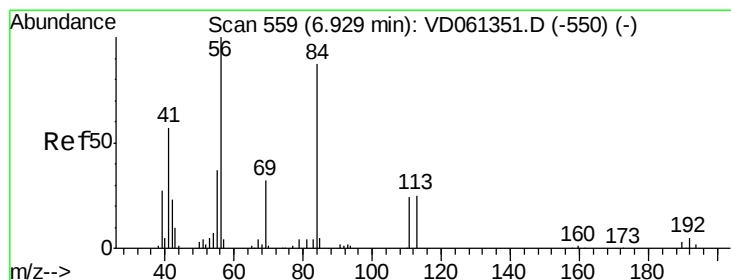
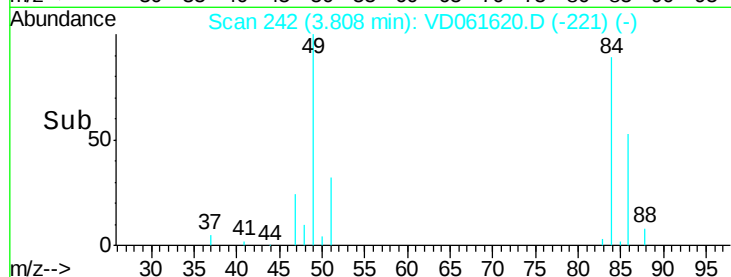
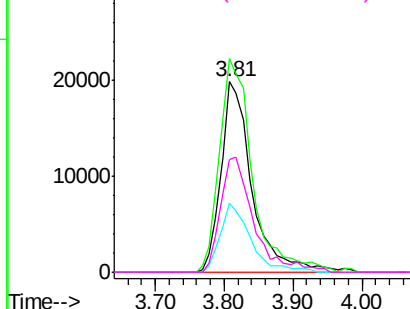
#20
Methvlene Chloride
Concen: 6.447 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 61846
Ion Ratio Lower Upper
84 100
49 112.2 91.8 137.8
51 36.0 29.8 44.8
86 59.5 51.8 77.6

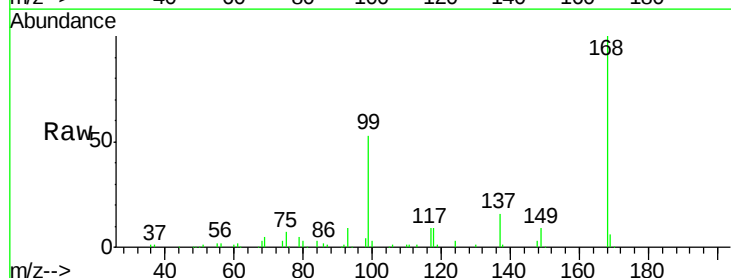


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

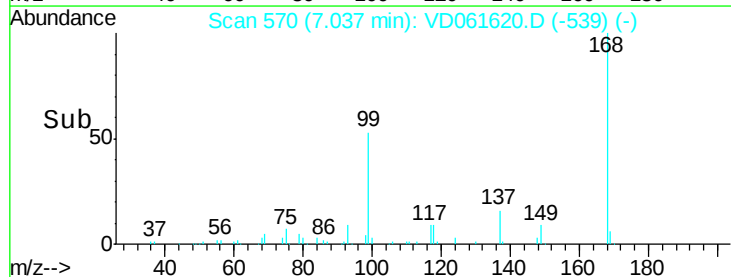
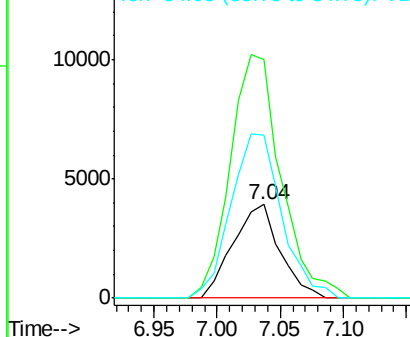


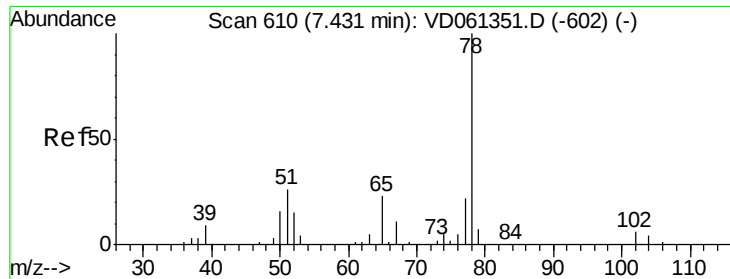
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.11 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 56 Resp: 10197
Ion Ratio Lower Upper
56 100
69 254.3 25.7 38.5#
84 174.2 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

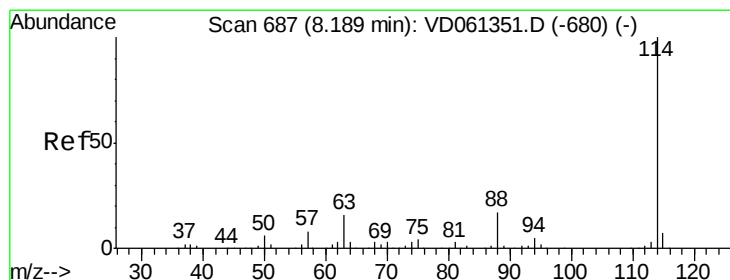
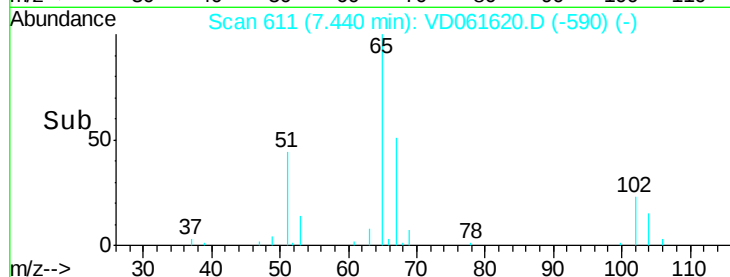
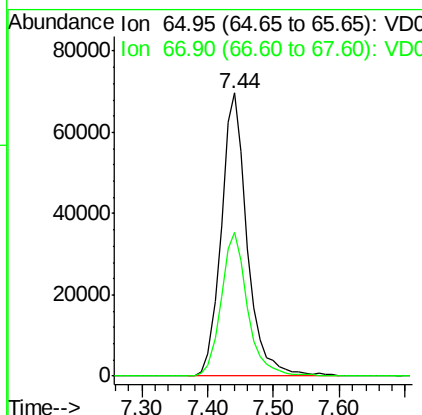
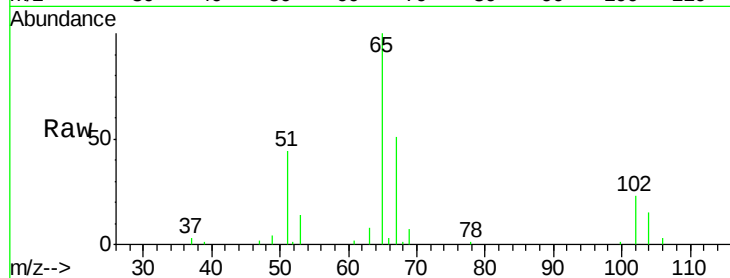




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

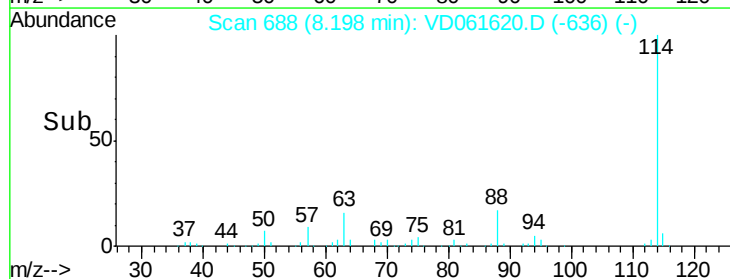
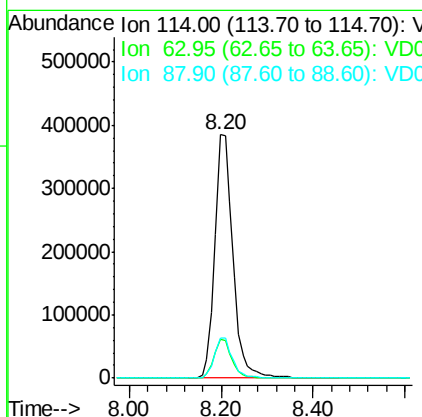
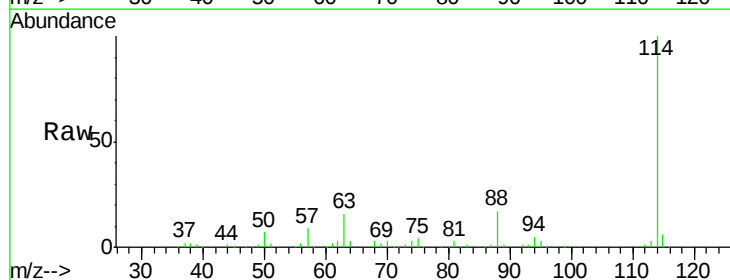
Instrument :
 MSVOA_D
 ClientSampleId :

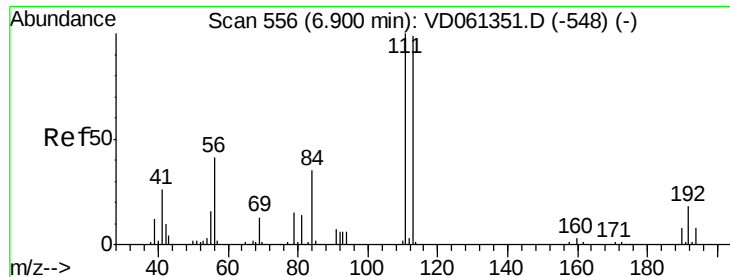
Tot Ion: 65 Resp: 191458
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

Tgt Ion: 114 Resp: 1038552
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.6 0.0 33.4

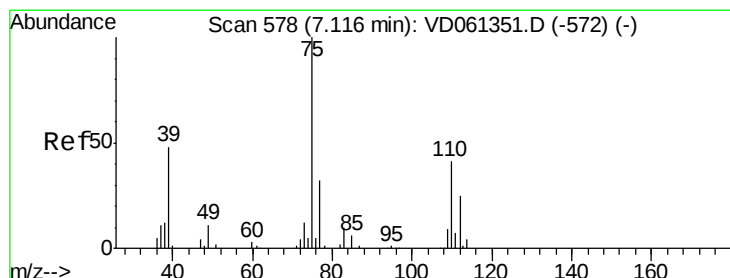
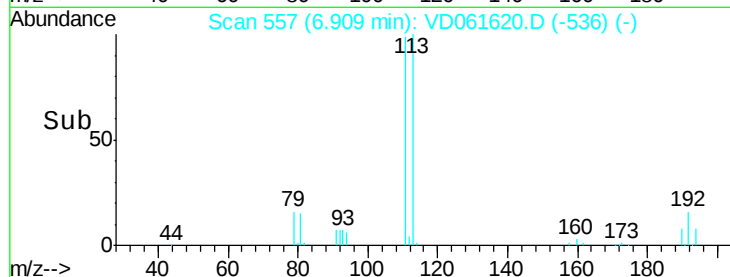
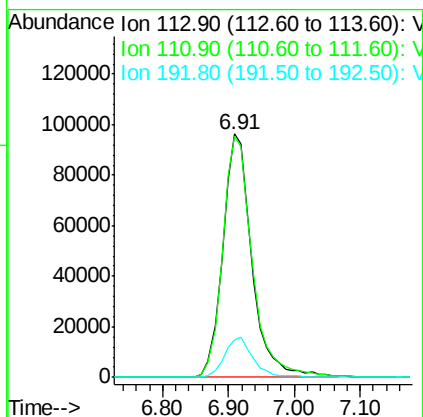
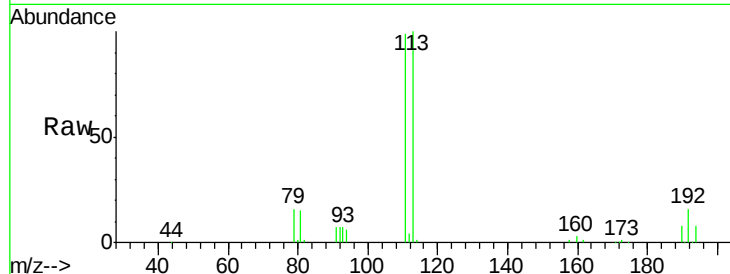




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

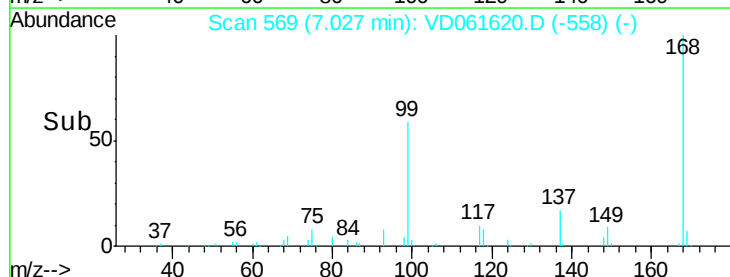
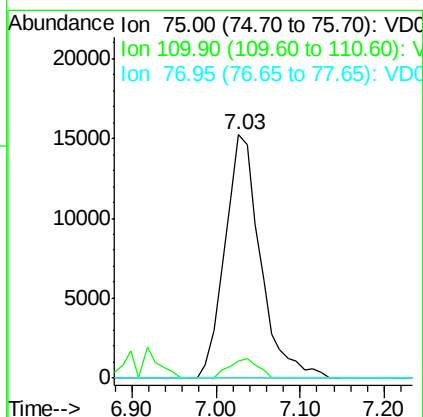
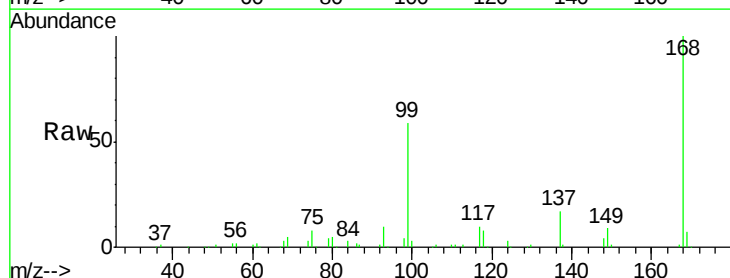
Instrument :
 MSVOA_D
 ClientSampleId :

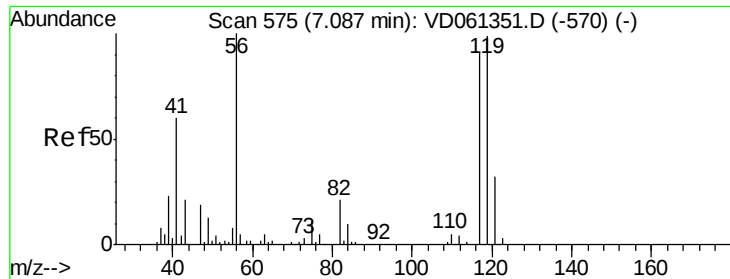
Tot Ion:113 Resp: 297180
 Ion Ratio Lower Upper
 113 100
 111 99.1 81.0 121.6
 192 15.6 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

Tgt Ion: 75 Resp: 44698
 Ion Ratio Lower Upper
 75 100
 110 7.1 20.4 61.3#
 77 0.0 24.9 37.3#

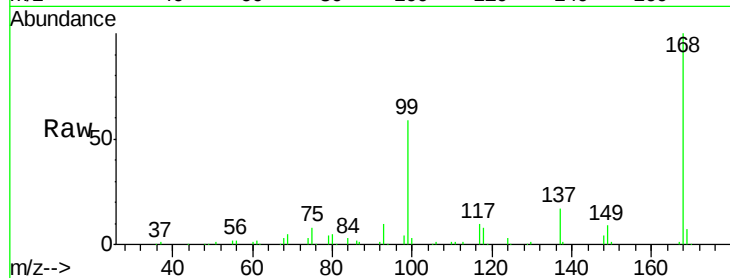




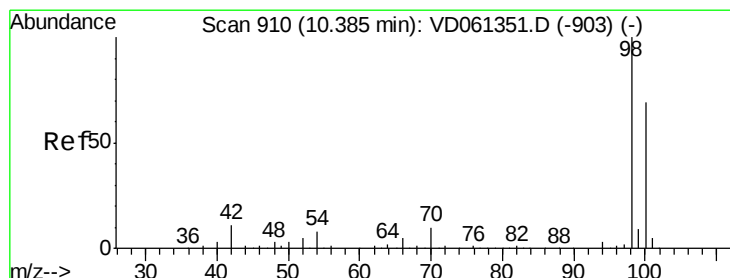
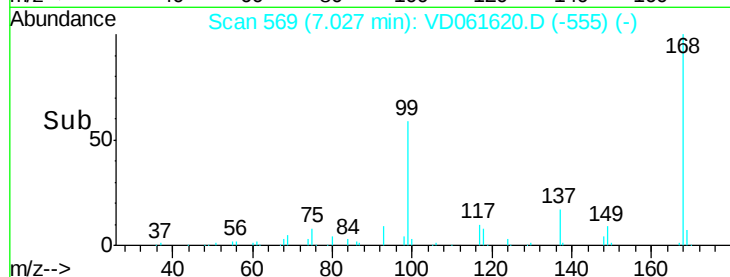
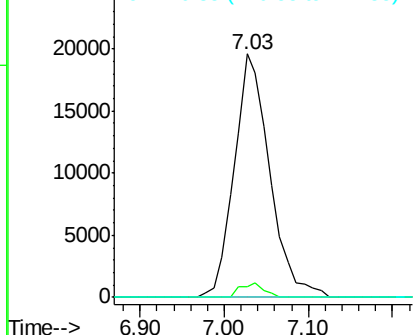
#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 57571
Ion Ratio Lower Upper
117 100
119 4.4 80.1 120.1#
121 0.0 25.6 38.4#

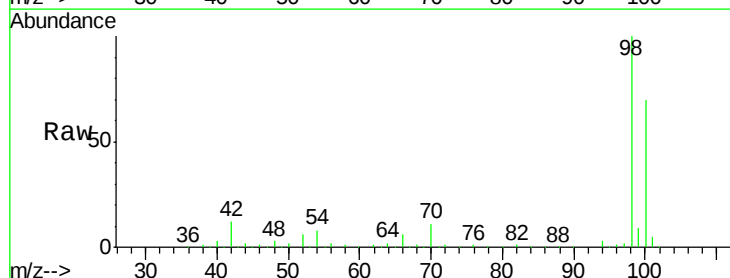


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

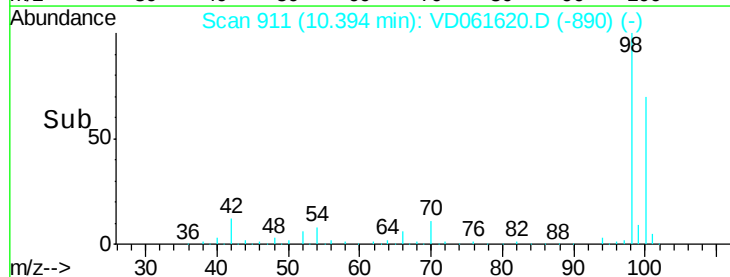
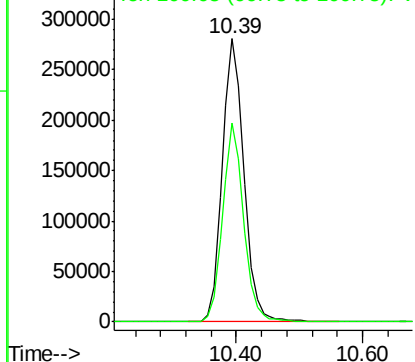


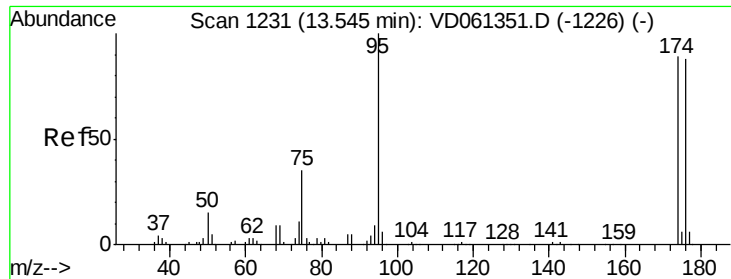
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 98 Resp: 671025
Ion Ratio Lower Upper
98 100
100 70.2 56.2 84.2



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

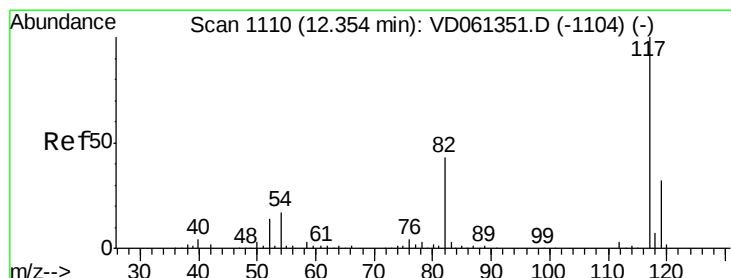
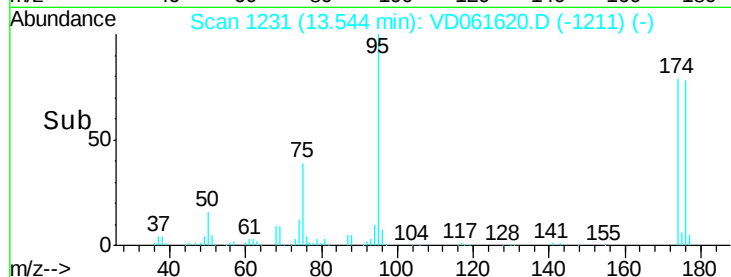
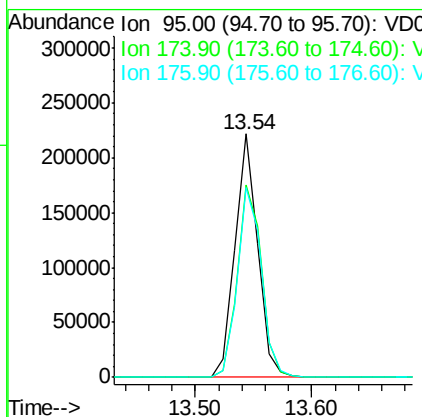
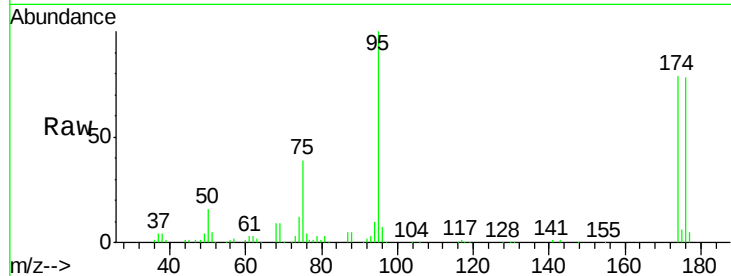




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

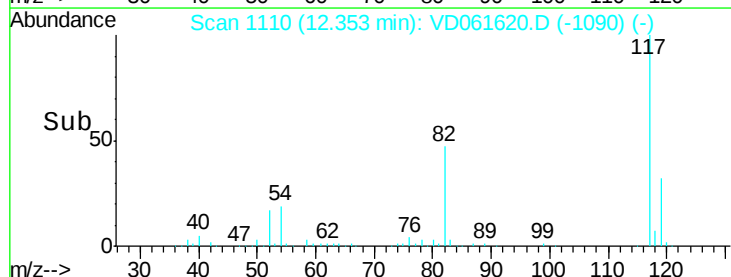
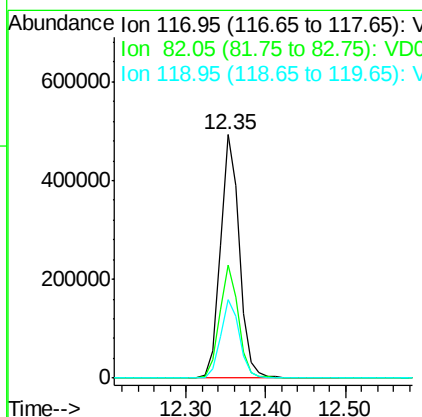
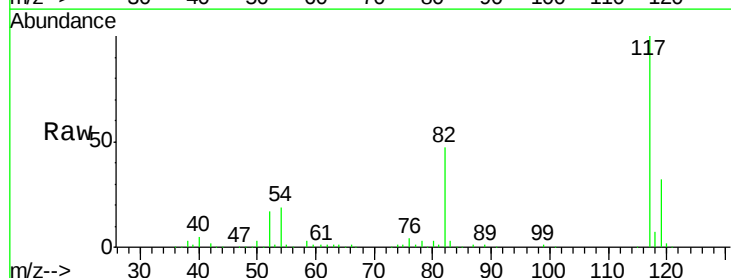
Instrument :
MSVOA_D
ClientSampled :

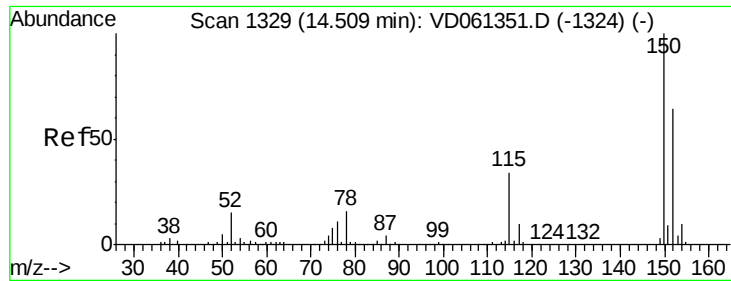
Tot Ion: 95 Resp: 298355
Ion Ratio Lower Upper
95 100
174 79.0 0.0 178.0
176 78.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 117 Resp: 826787
Ion Ratio Lower Upper
117 100
82 46.6 34.4 51.6
119 32.4 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: VD061620.D

Acq: 5 Apr 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

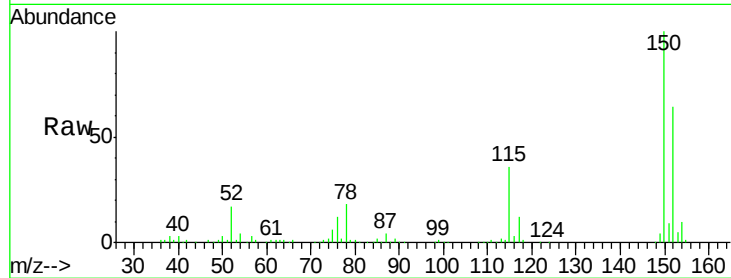
Tot Ion:152 Resp: 373810

Ion Ratio Lower Upper

152 100

115 56.1 26.9 80.6

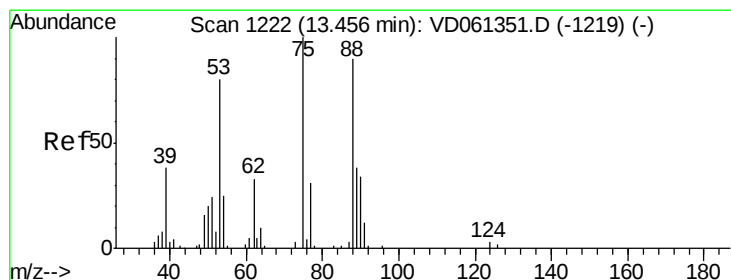
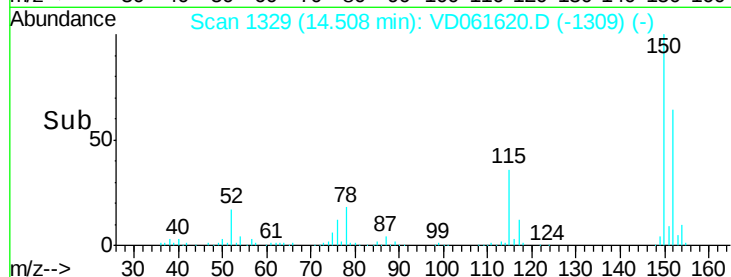
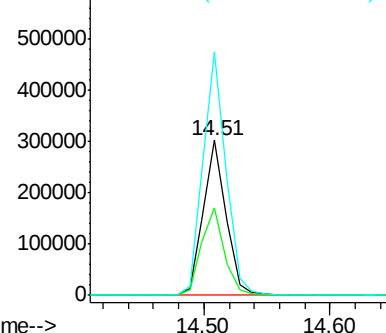
150 157.1 0.0 318.0



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: 68.248 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061620.D

Acq: 5 Apr 2019 14:54

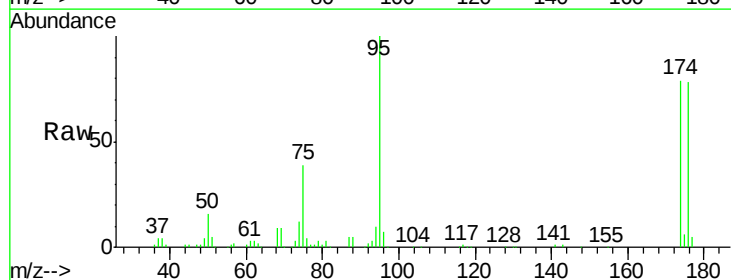
Tgt Ion: 75 Resp: 112363

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

