

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122118\
 Data File : VD060677.D
 Acq On : 21 Dec 2018 11:58
 Operator : VA/AP
 Sample : VD1221SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBL01

Quant Time: Dec 21 13:52:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

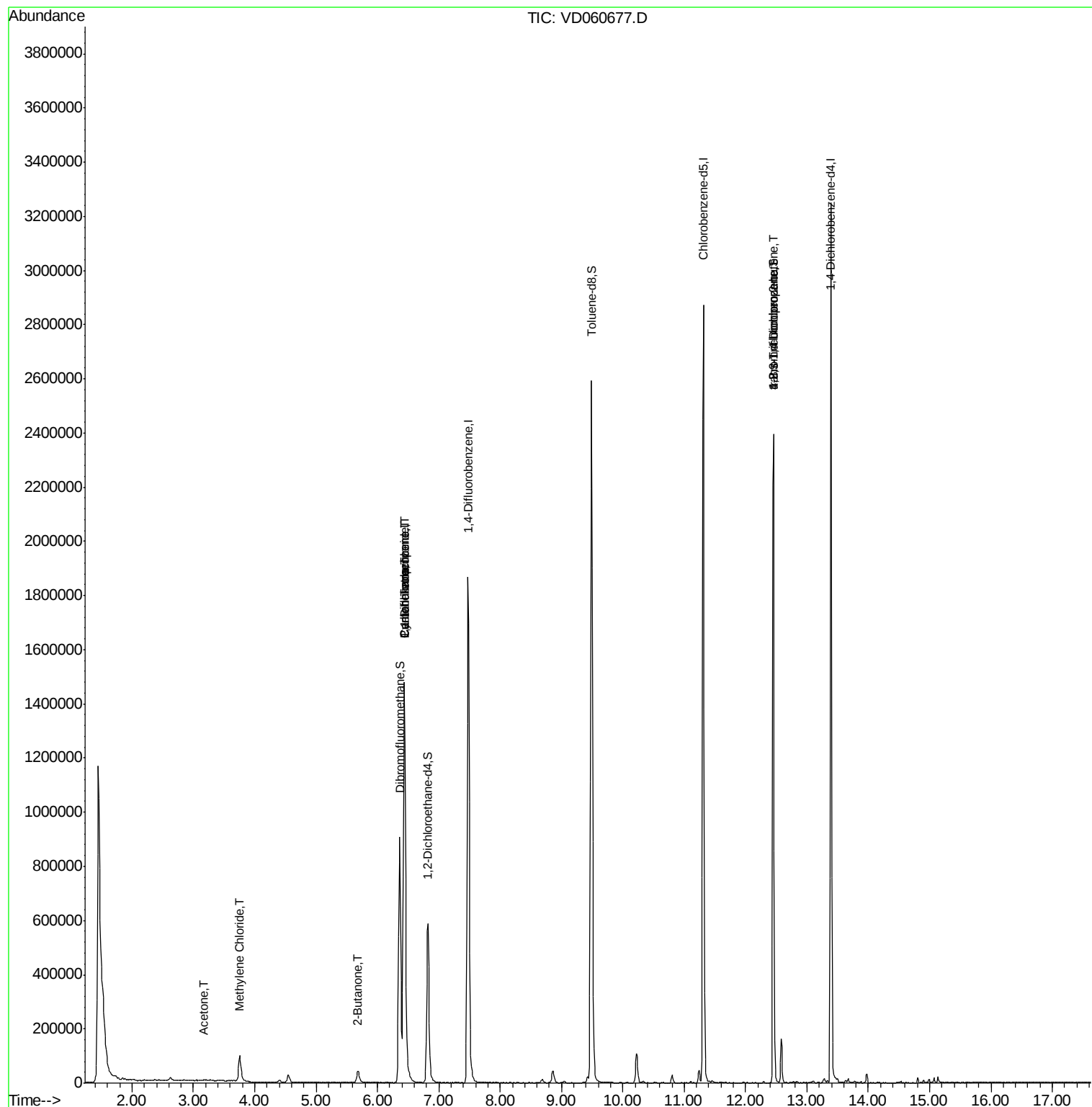
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1485922	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	2008721	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	1607456	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	854816	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	501027	48.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	6.36	113	717321	48.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	9.49	98	2111525	48.13	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.44	95	731365	47.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.18	43	3772	2.103	ug/l	94
20) Methylene Chloride	3.75	84	60388	3.243	ug/l	97
25) 2-Butanone	5.67	43	5411	1.577	ug/l #	61
31) Cyclohexane	6.44	56	27093	1.045	ug/l #	1
36) 1,1-Dichloropropene	6.44	75	104932	5.073	ug/l #	45
38) Carbon Tetrachloride	6.44	117	113237	6.205	ug/l #	15
76) 1,2,3-Trichloropropane	12.44	75	295269	30.340	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.44	75	294154	109.385	ug/l #	13

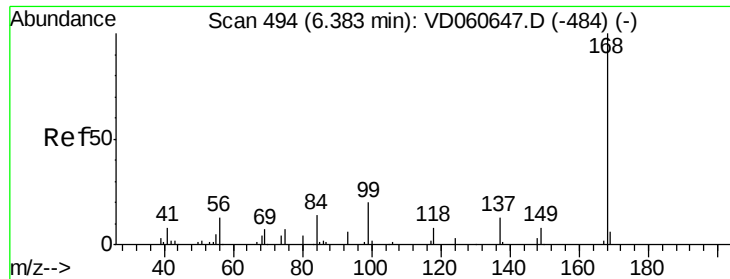
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122118\
Data File : VD060677.D
Acq On : 21 Dec 2018 11:58
Operator : VA/AP
Sample : VD1221SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBL01

Quant Time: Dec 21 13:52:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060677.D

Acq: 21 Dec 2018 11:58

Instrument :

MSVOA_D

ClientSampleId :

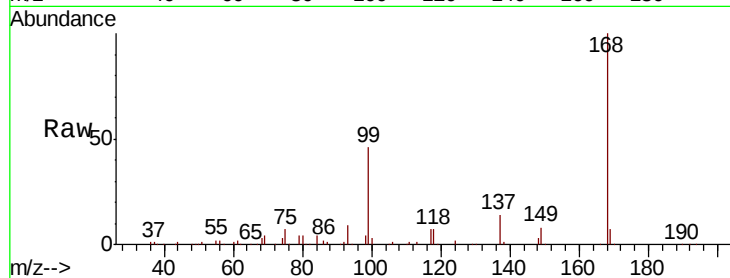
VD1221SBL01

Tot Ion:168 Resp: 1485922

Ion Ratio Lower Upper

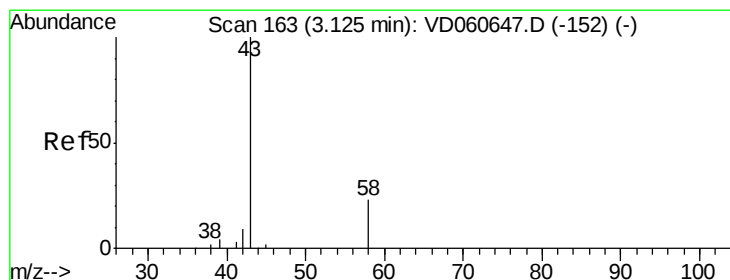
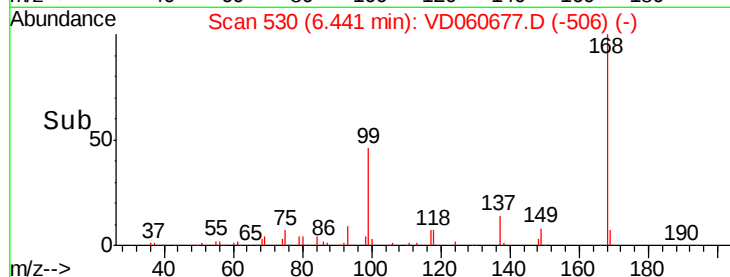
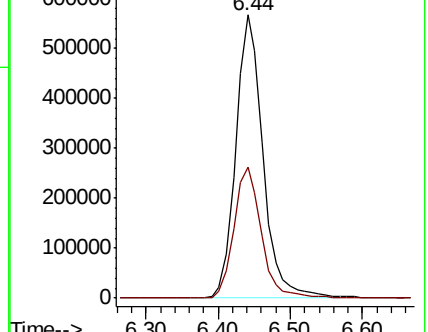
168 100

99 46.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 2.103 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060677.D

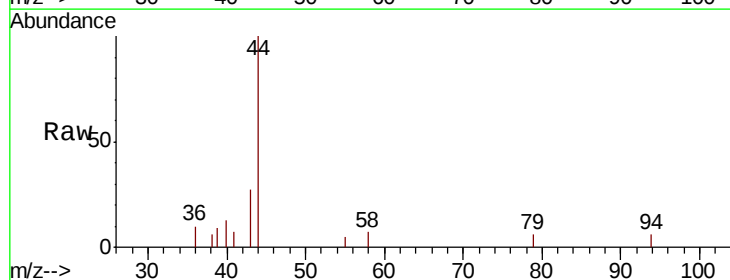
Acq: 21 Dec 2018 11:58

Tgt Ion: 43 Resp: 3772

Ion Ratio Lower Upper

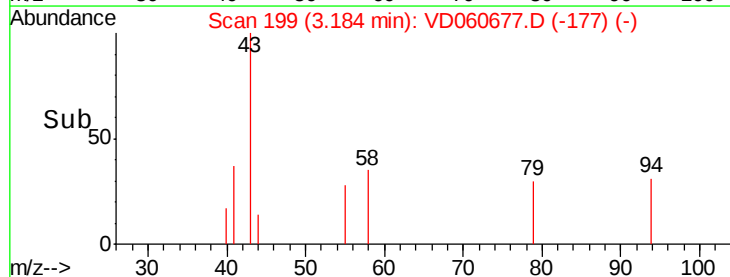
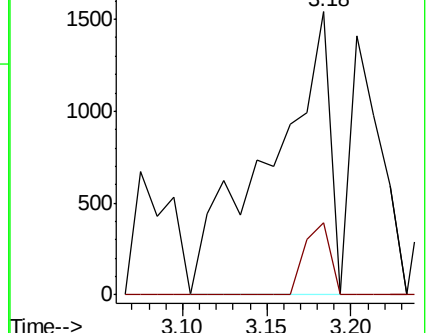
43 100

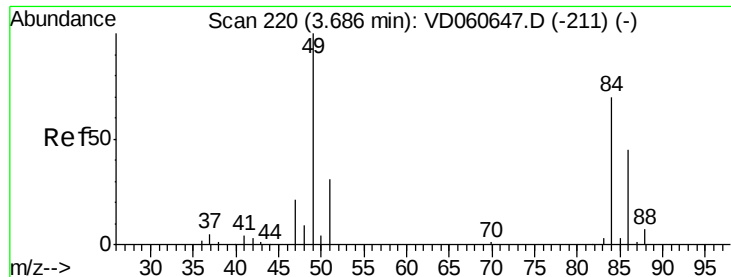
58 25.7 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

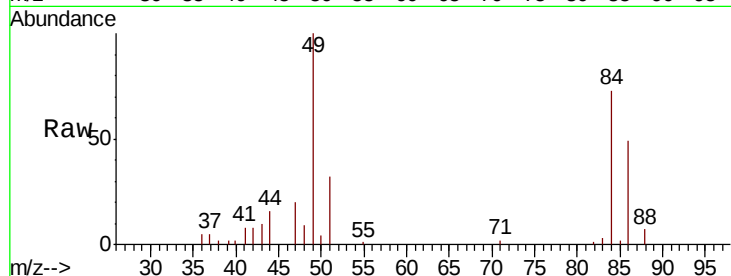




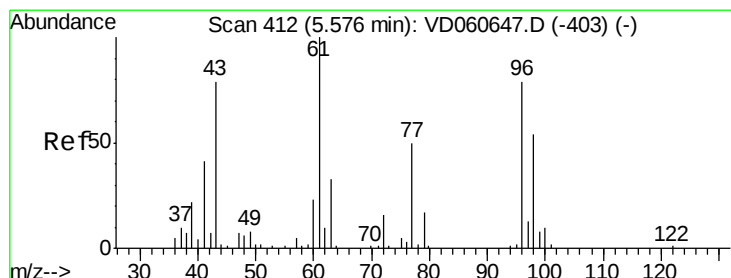
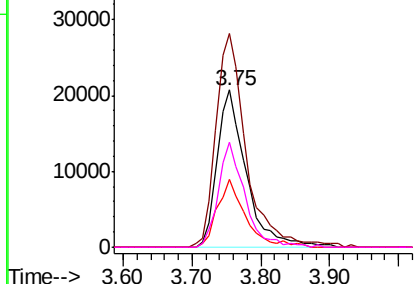
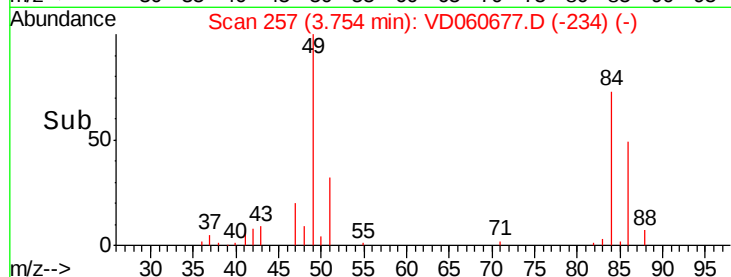
#20
Methvlene Chloride
Concen: 3.243 ug/l
RT: 3.75 min Scan# 257
Delta R.T. 0.02 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBL01

Tot Ion: 84 Resp: 60388
Ion Ratio Lower Upper
84 100
49 136.2 113.6 170.4
51 43.0 34.7 52.1
86 66.6 52.8 79.2

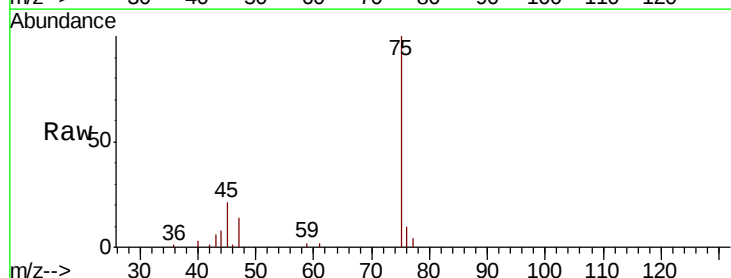


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

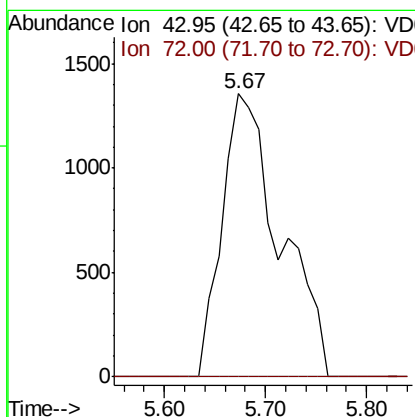
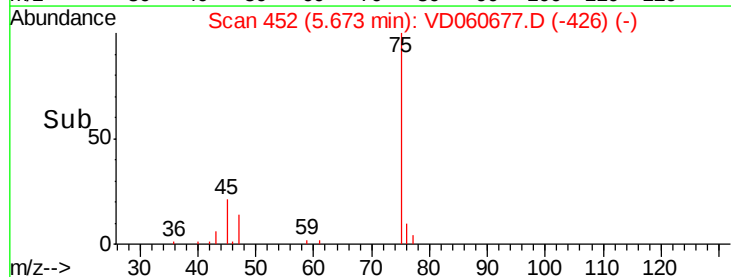


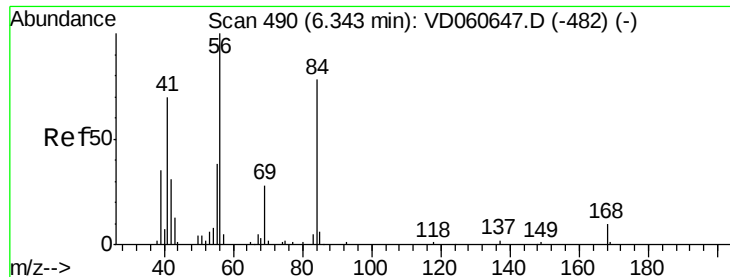
#25
2-Butanone
Concen: 1.577 ug/l
RT: 5.67 min Scan# 452
Delta R.T. 0.05 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
72 0.0 13.7 20.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

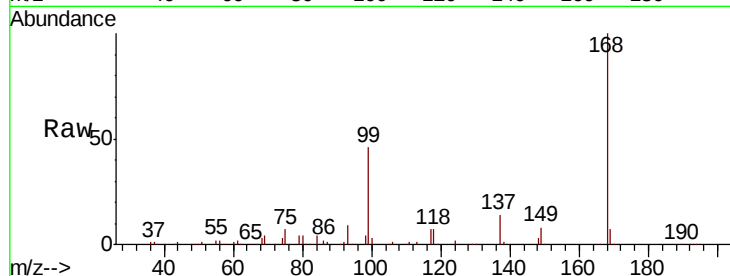




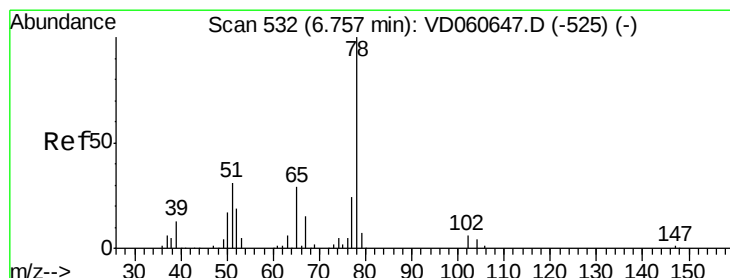
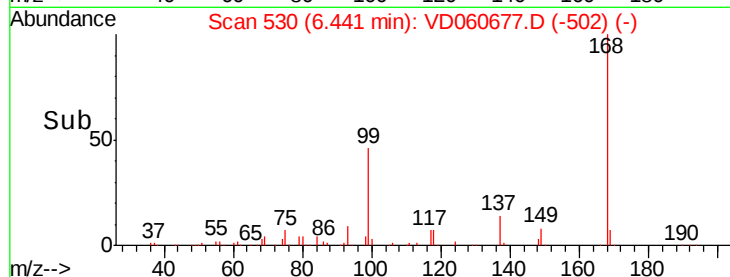
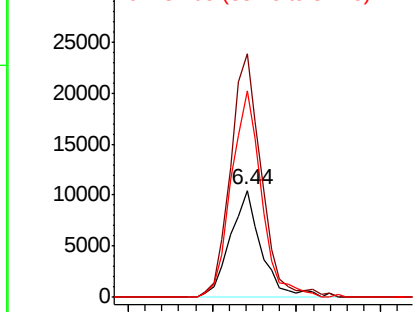
#31
Cyclohexane
Concen: 1.045 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.07 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBL01

Tot Ion: 56 Resp: 27093
Ion Ratio Lower Upper
56 100
69 227.2 23.6 35.4#
84 192.9 65.8 98.6#

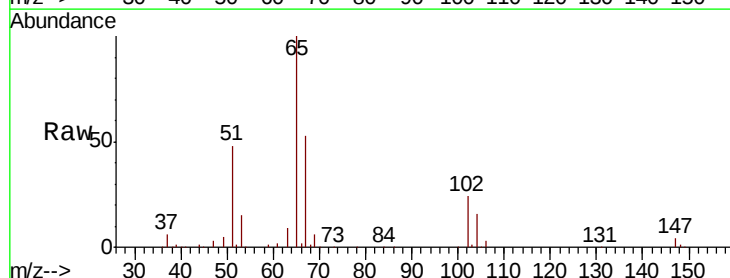


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

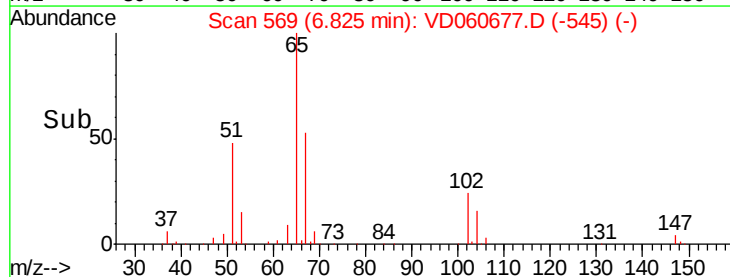
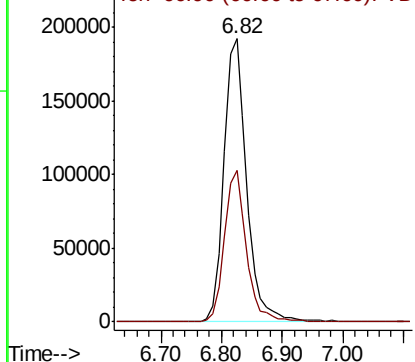


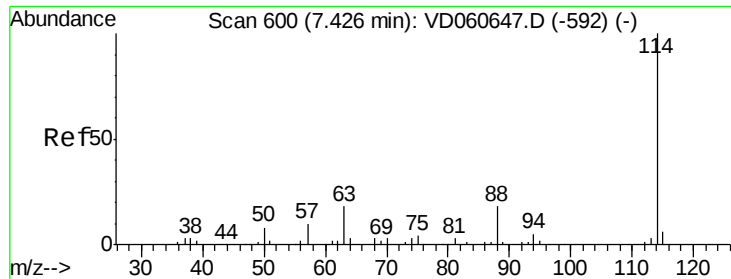
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.82 min Scan# 569
Delta R.T. 0.03 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Tgt Ion: 65 Resp: 501027
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



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

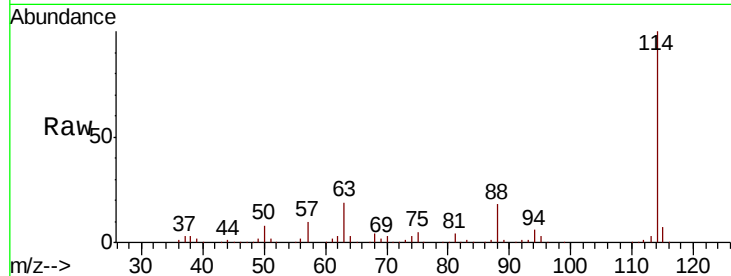




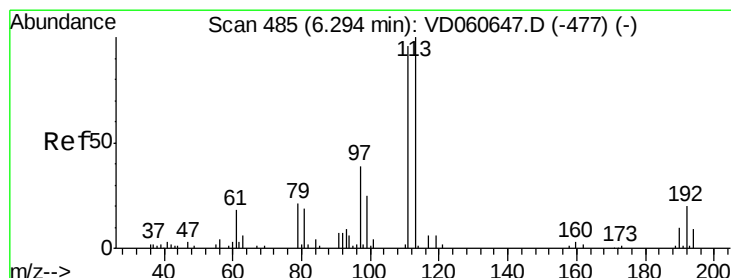
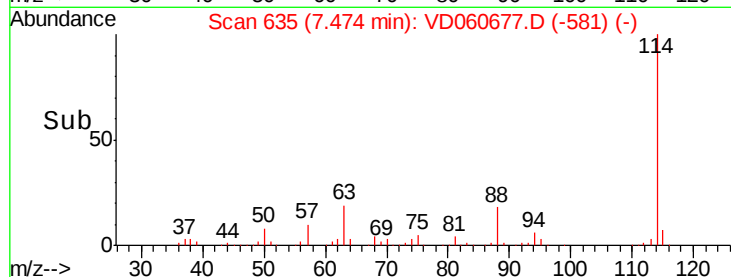
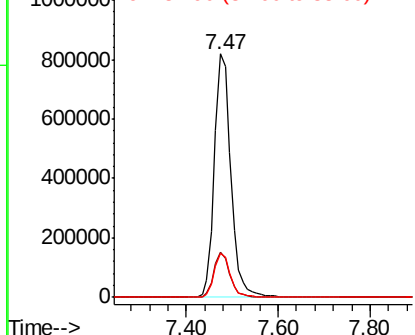
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060677.D
 Acq: 21 Dec 2018 11:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBL01

Tot Ion:114 Resp: 2008721
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 18.1 0.0 37.0

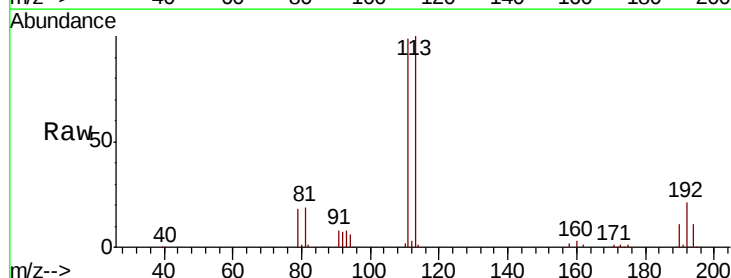


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

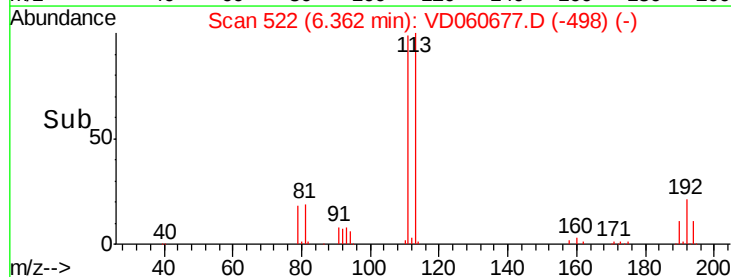
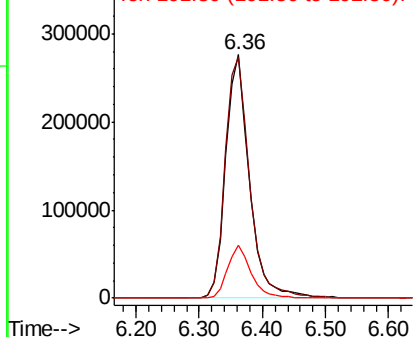


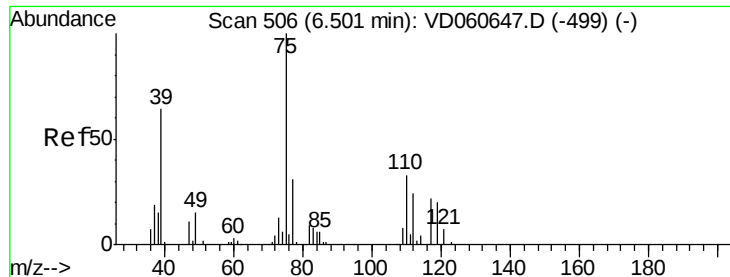
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.36 min Scan# 522
 Delta R.T. 0.03 min
 Lab File: VD060677.D
 Acq: 21 Dec 2018 11:58

Tgt Ion:113 Resp: 717321
 Ion Ratio Lower Upper
 113 100
 111 99.1 80.0 120.0
 192 21.5 16.6 25.0



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: 5.073 ug/l

RT: 6.44 min Scan# 530

Delta R.T. -0.08 min

Lab File: VD060677.D

Acq: 21 Dec 2018 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBL01

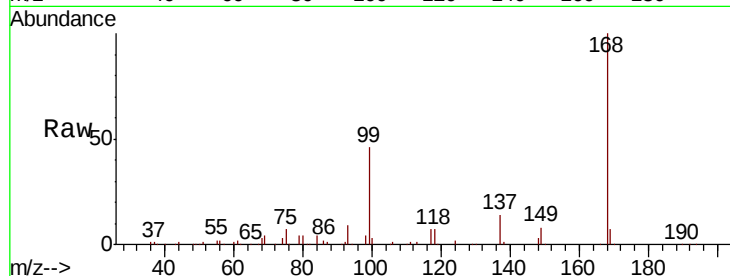
Tot Ion: 75 Resp: 104932

Ion Ratio Lower Upper

75 100

110 5.6 18.9 56.7#

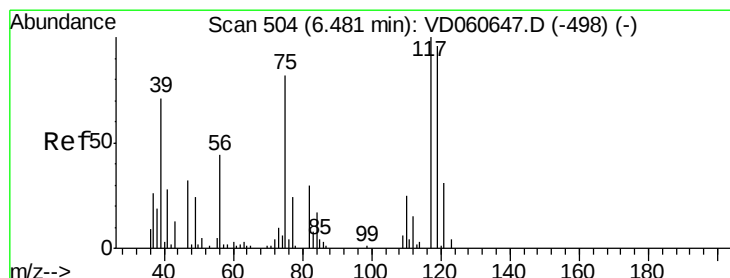
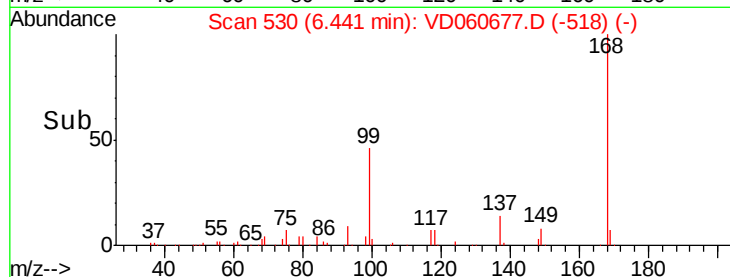
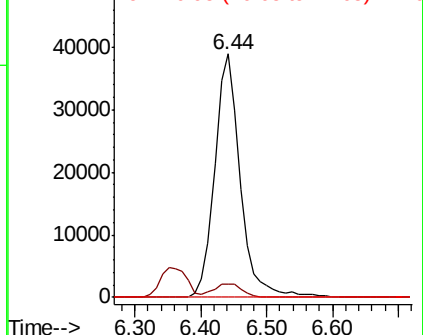
77 0.0 25.4 38.0#



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: 6.205 ug/l

RT: 6.44 min Scan# 530

Delta R.T. -0.06 min

Lab File: VD060677.D

Acq: 21 Dec 2018 11:58

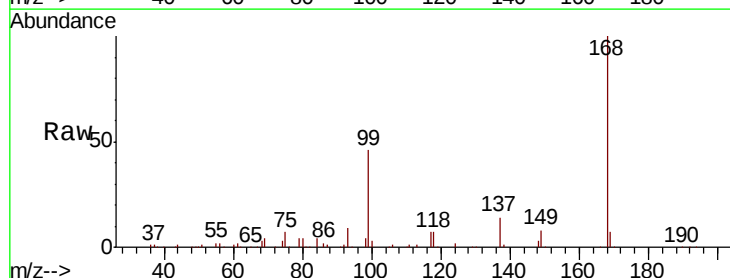
Tgt Ion: 117 Resp: 113237

Ion Ratio Lower Upper

117 100

119 4.3 77.0 115.4#

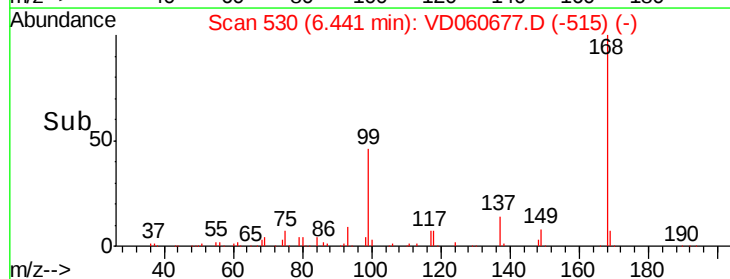
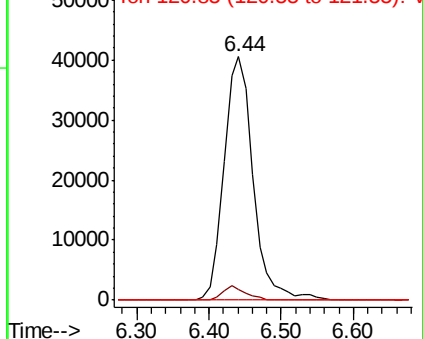
121 0.0 24.7 37.1#

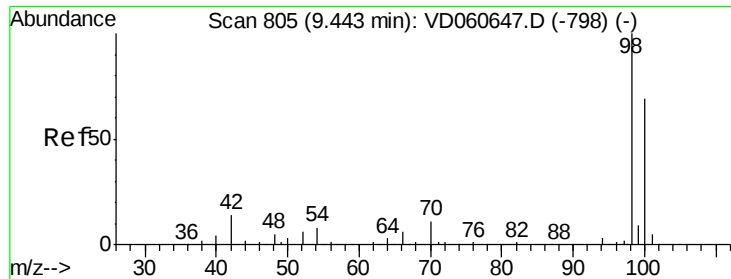


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

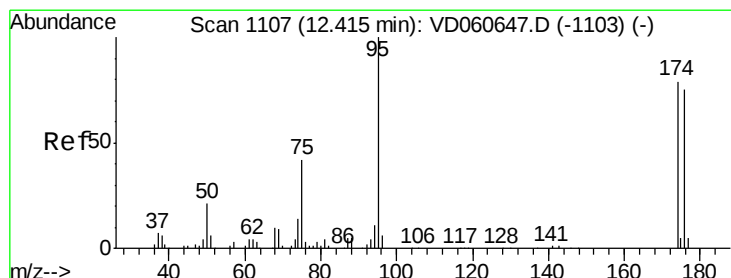
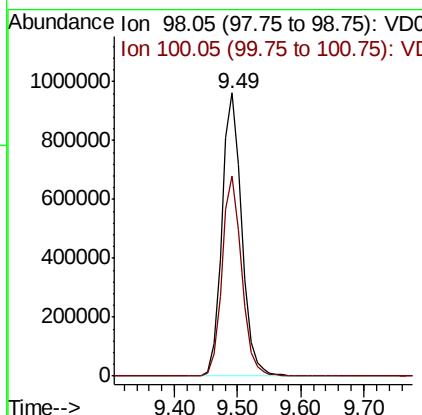
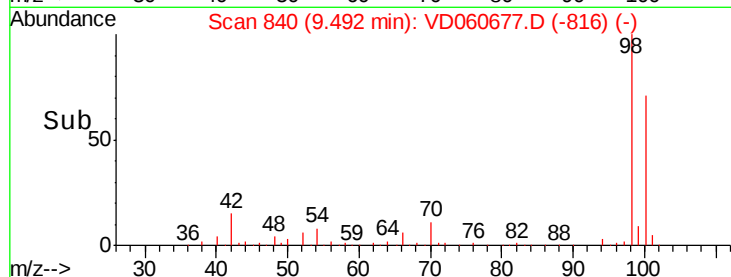
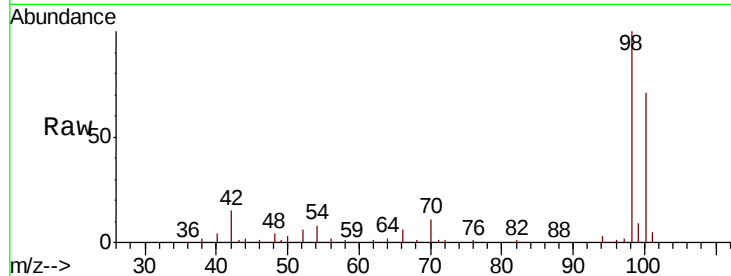




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

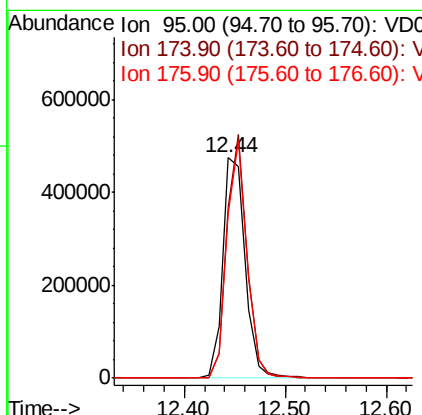
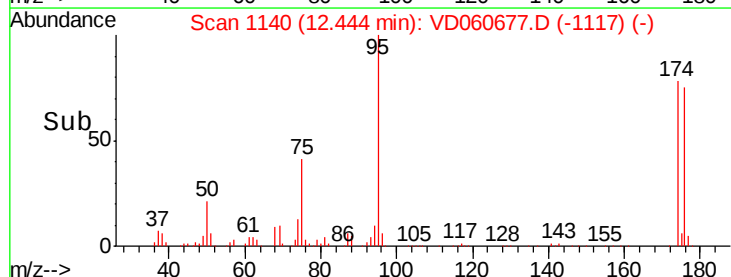
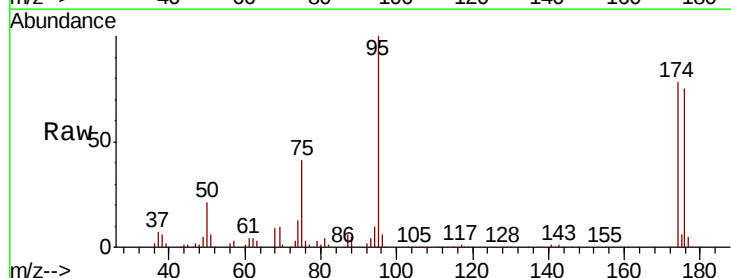
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBL01

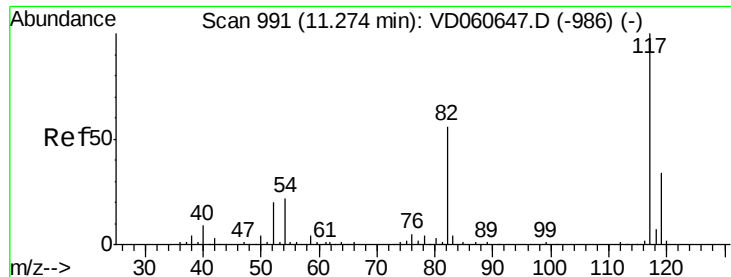
Tot Ion: 98 Resp: 2111525
Ion Ratio Lower Upper
98 100
100 70.5 55.8 83.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Tgt Ion: 95 Resp: 731365
Ion Ratio Lower Upper
95 100
174 77.8 0.0 158.2
176 74.7 0.0 152.4

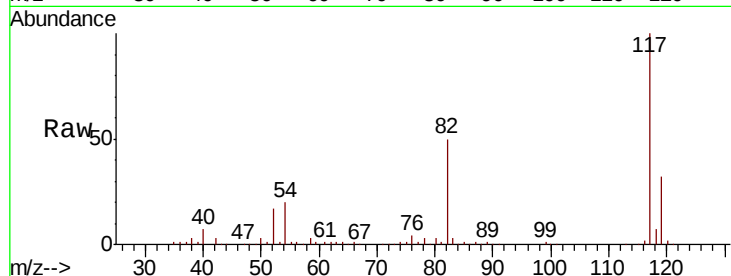




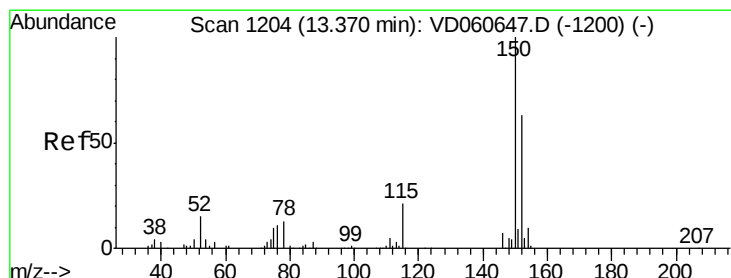
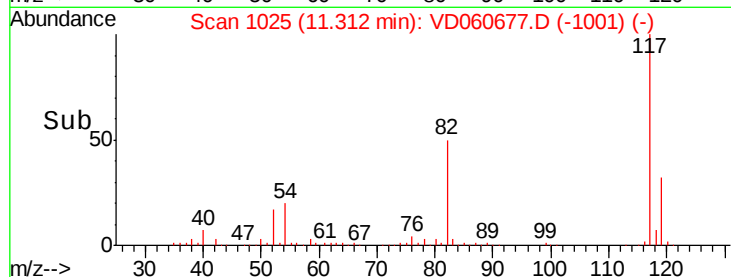
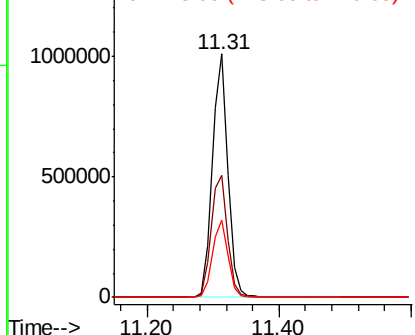
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBL01

Tot Ion:117 Resp: 1607456
Ion Ratio Lower Upper
117 100
82 50.3 44.5 66.7
119 31.7 26.3 39.5

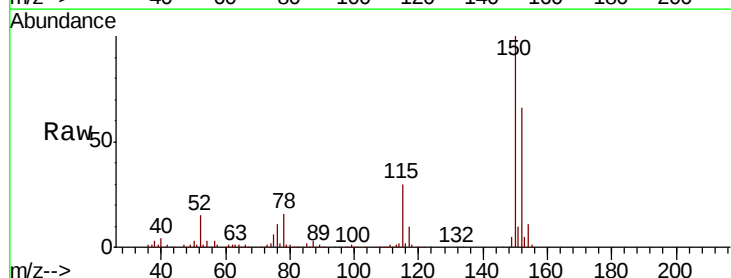


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

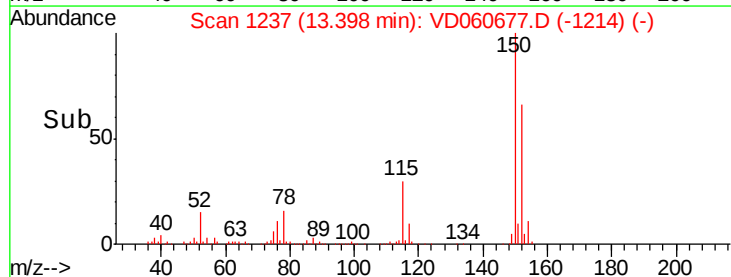
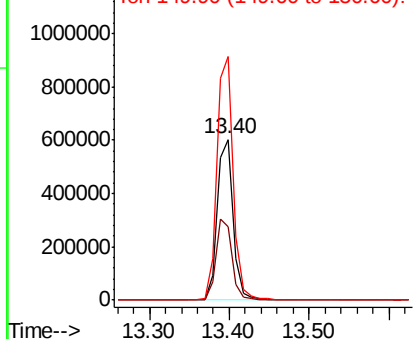


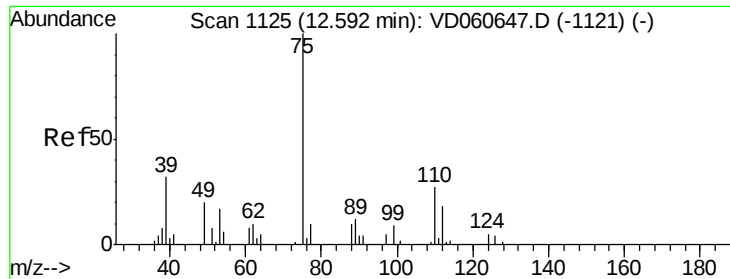
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.40 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060677.D
Acq: 21 Dec 2018 11:58

Tgt Ion:152 Resp: 854816
Ion Ratio Lower Upper
152 100
115 45.5 24.1 72.3
150 151.5 0.0 315.0



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

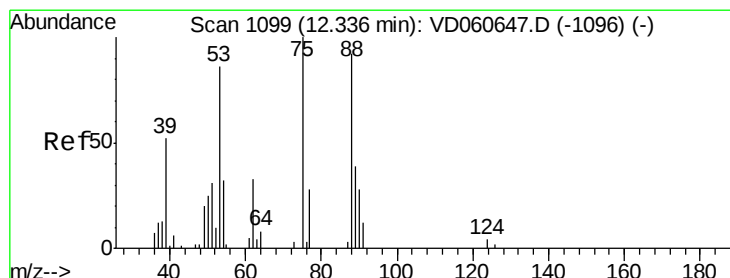
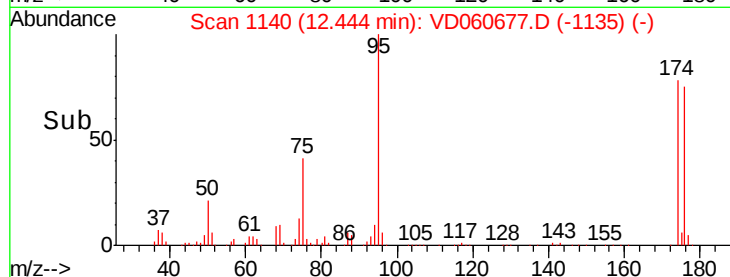
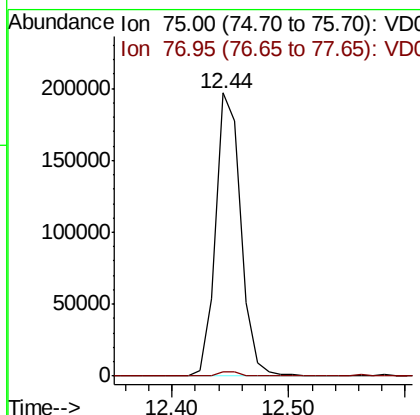
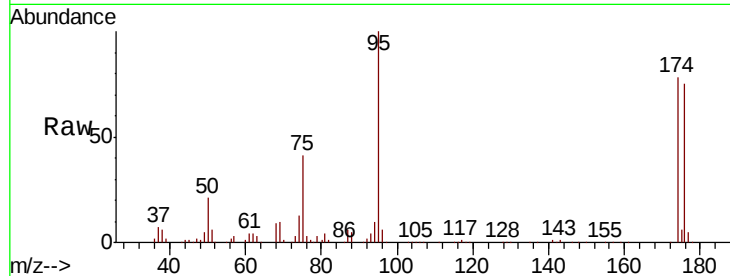




#76
 1,2,3-Trichloropropane
 Concen: 30.340 ug/l
 RT: 12.44 min Scan# 1140
 Delta R.T. -0.15 min
 Lab File: VD060677.D
 Acq: 21 Dec 2018 11:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBL01

Tot Ion: 75 Resp: 295269
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.7 50.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.385 ug/l
 RT: 12.44 min Scan# 1140
 Delta R.T. 0.10 min
 Lab File: VD060677.D
 Acq: 21 Dec 2018 11:58

Tgt Ion: 75 Resp: 294154
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.1 108.1#
 89 0.0 35.1 52.7#

