

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD061010.D
 Acq On : 11 Mar 2019 17:58
 Operator : VA/AP
 Sample : K1807-41RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21RE

Quant Time: Mar 12 05:43:46 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	7.06	168	679661	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1304181	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1134921	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	556627	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	389403	68.83	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	137.66%	
35) Dibromofluoromethane	6.94	113	564876	58.36	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	116.72%	
50) Toluene-d8	10.43	98	1396043	57.44	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	114.88%	
62) 4-Bromofluorobenzene	13.56	95	505001	53.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.10%	

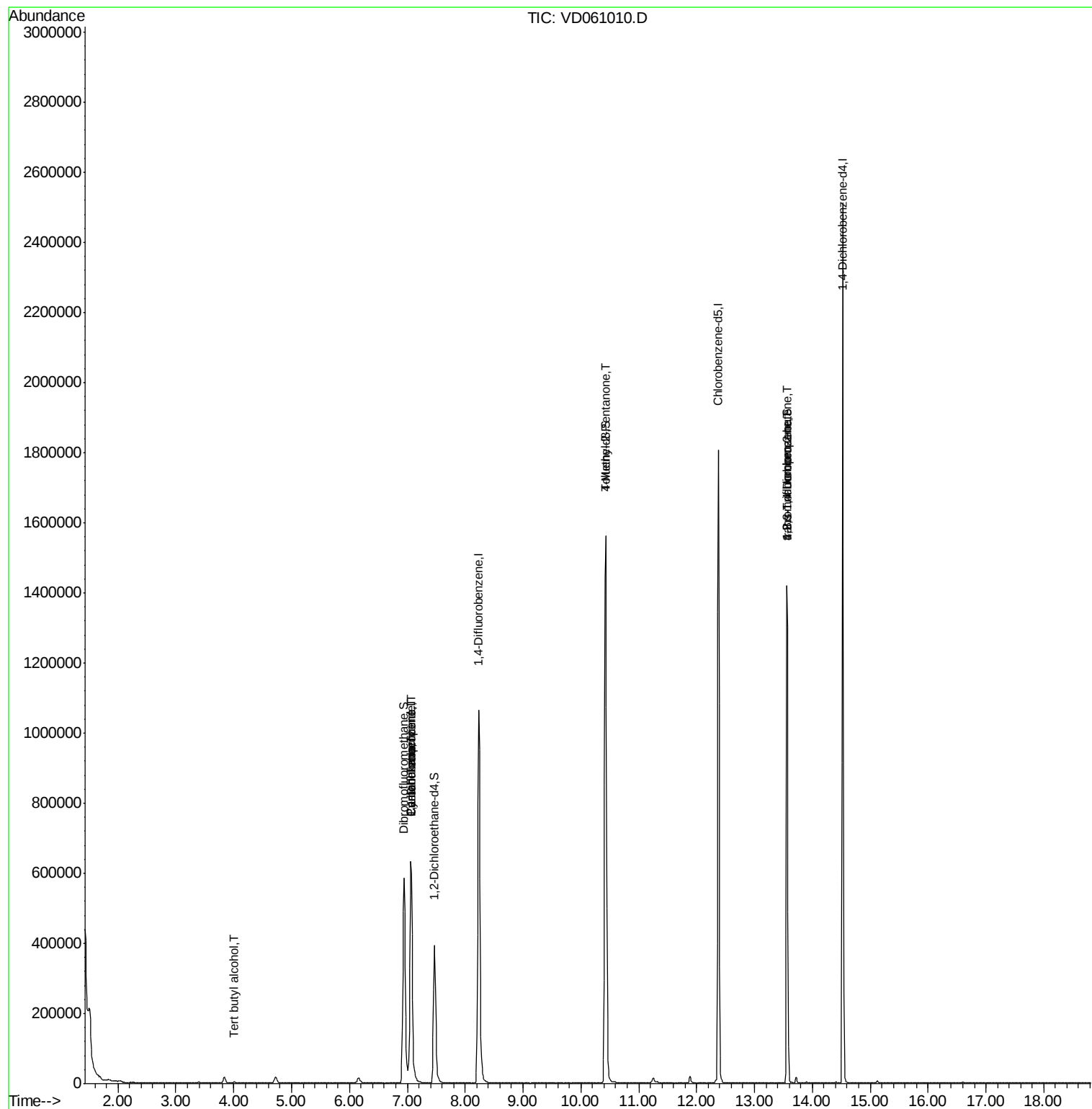
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.00	59	2976	8.263	ug/l #	75
20) Methylene Chloride	3.84	84	12763	Below Cal		88
31) Cyclohexane	7.07	56	12051	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	49636	4.415	ug/l #	45
38) Carbon Tetrachloride	7.06	117	66152	5.342	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	5661	1.265	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	158527	19.796	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	187096	79.246	ug/l #	17

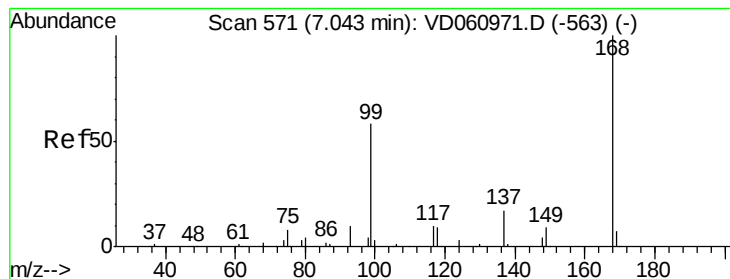
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031119\
Data File : VD061010.D
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Quant Time: Mar 12 05:43:46 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: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061010.D

Acq: 11 Mar 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

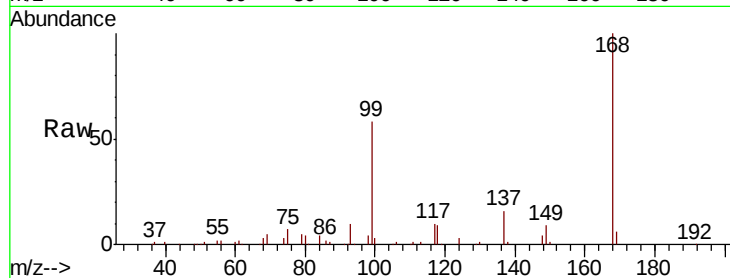
TP-21RE

Tot Ion:168 Resp: 679661

Ion Ratio Lower Upper

168 100

99 57.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

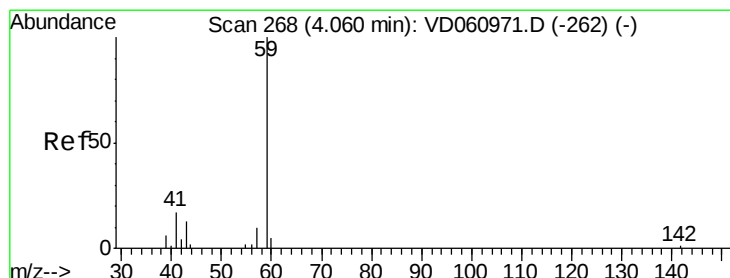
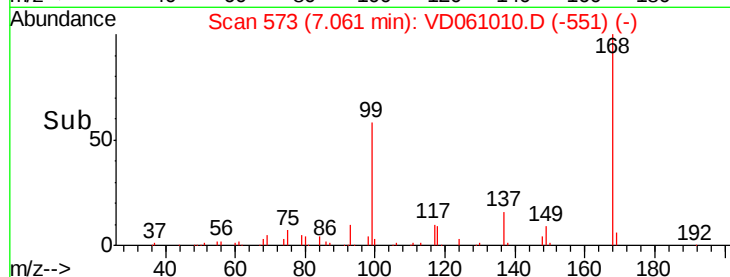
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.263 ug/l

RT: 4.00 min Scan# 262

Delta R.T. -0.06 min

Lab File: VD061010.D

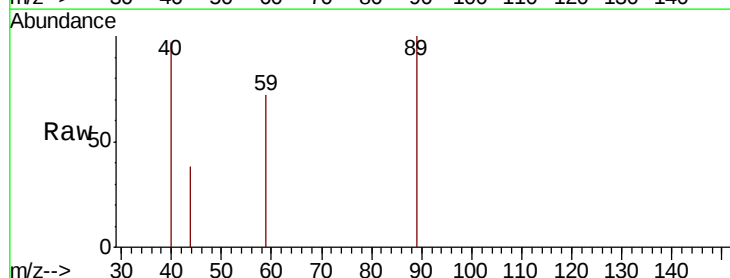
Acq: 11 Mar 2019 17:58

Tgt Ion: 59 Resp: 2976

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.00

1200

1000

800

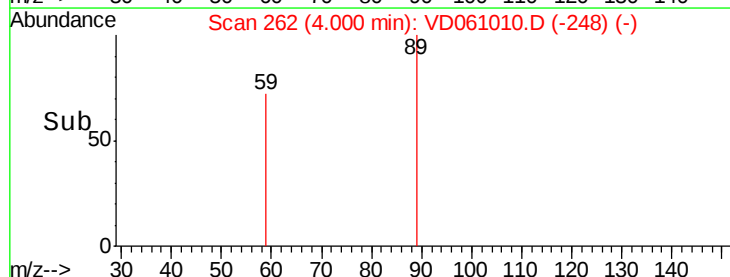
600

400

200

0

Time-->

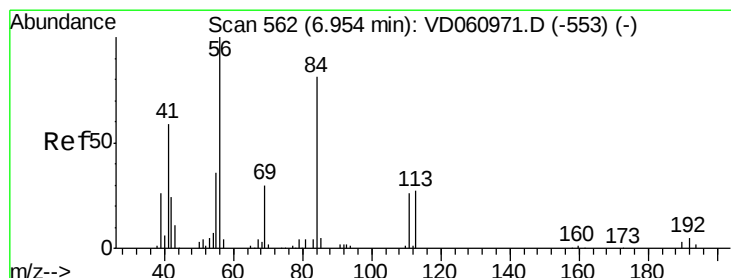
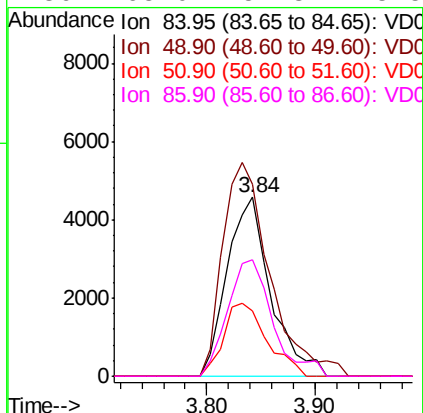
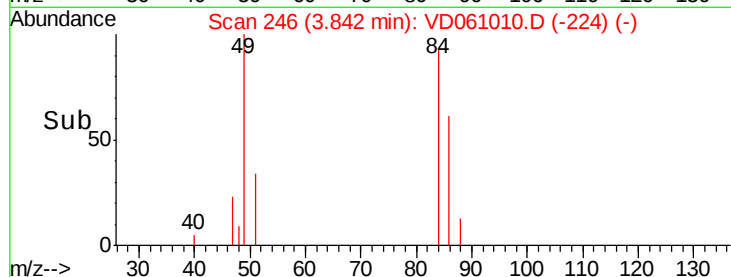
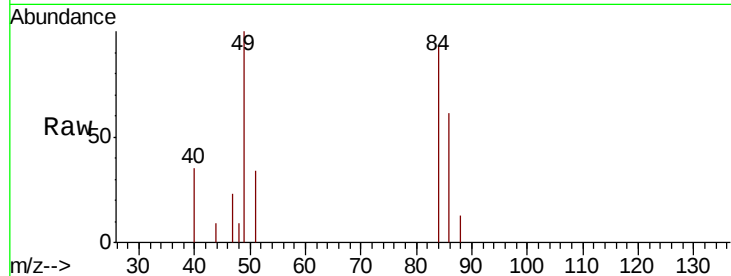




#20
Methvlene Chloride
Concen: Below Cal
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

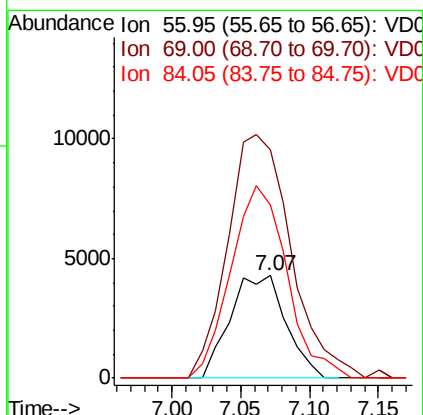
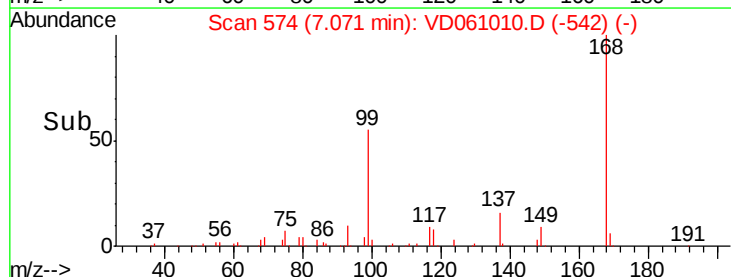
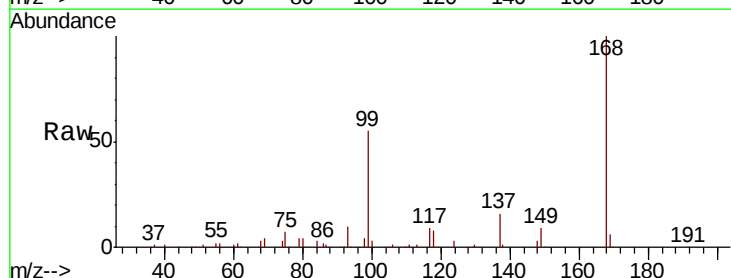
Instrument :
MSVOA_D
ClientSampleId :
TP-21RE

Tot Ion: 84 Resp: 12763
Ion Ratio Lower Upper
84 100
49 107.2 104.2 156.2
51 36.8 32.3 48.5
86 65.0 52.3 78.5



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.12 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Tgt Ion: 56 Resp: 12051
Ion Ratio Lower Upper
56 100
69 222.6 24.0 36.0#
84 168.6 65.8 98.6#

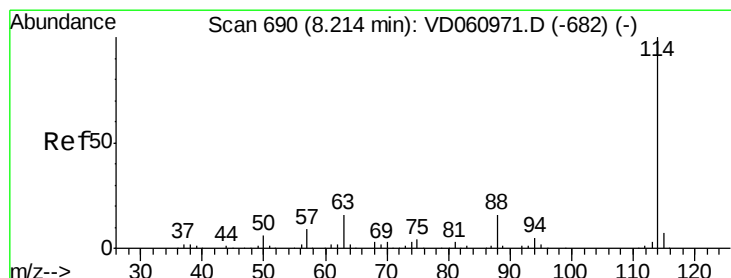
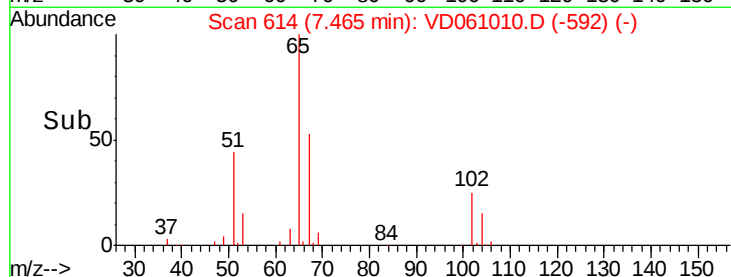
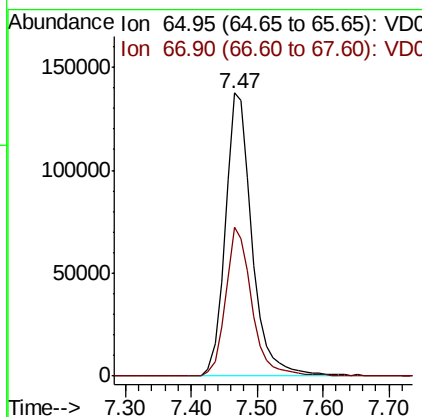
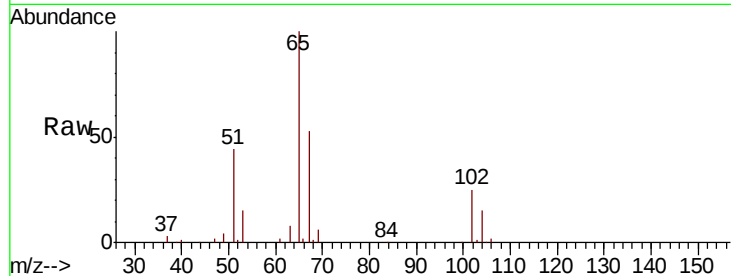




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061010.D
 Acq: 11 Mar 2019 17:58

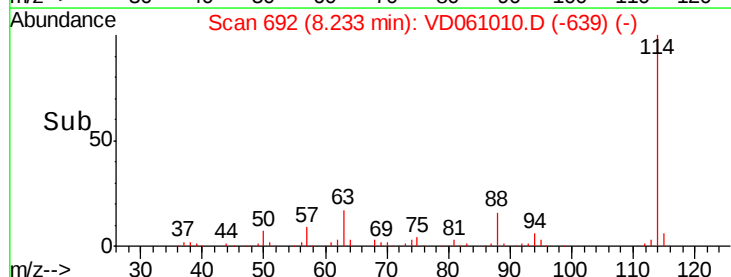
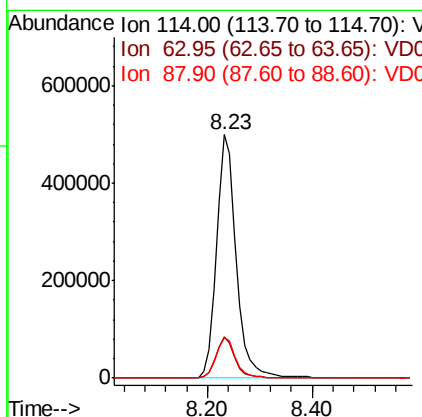
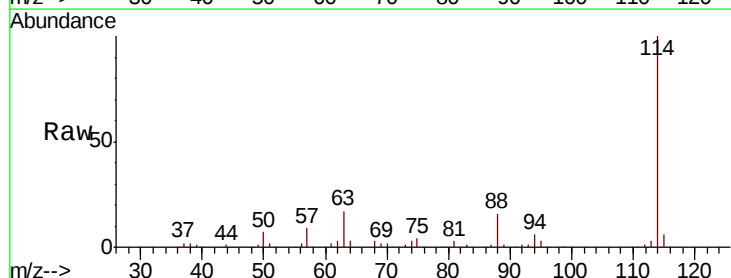
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21RE

Tot Ion: 65 Resp: 389403
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061010.D
 Acq: 11 Mar 2019 17:58

Tgt Ion: 114 Resp: 1304181
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.4
 88 16.5 0.0 33.0

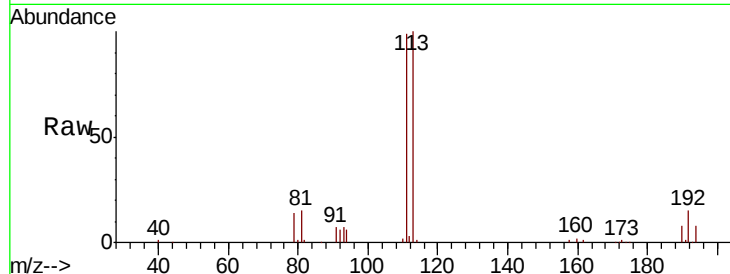




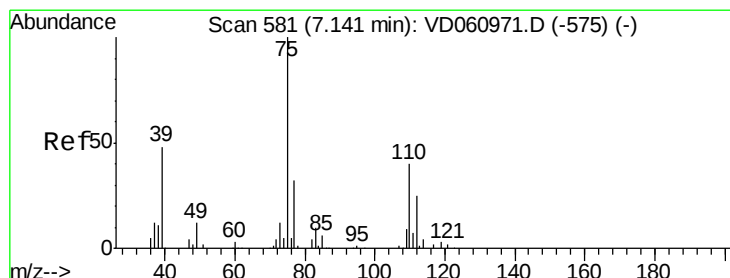
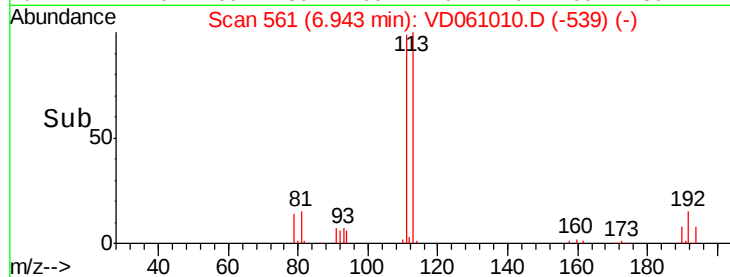
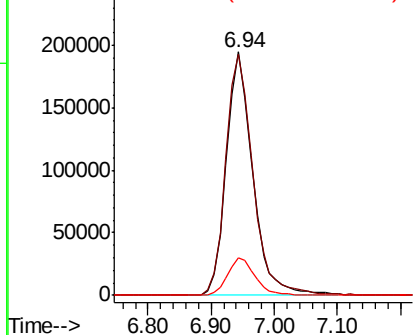
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.02 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Instrument :
MSVOA_D
ClientSampled :
TP-21RE

Tot Ion:113 Resp: 564876
Ion Ratio Lower Upper
113 100
111 99.0 84.2 126.4
192 15.3 13.1 19.7

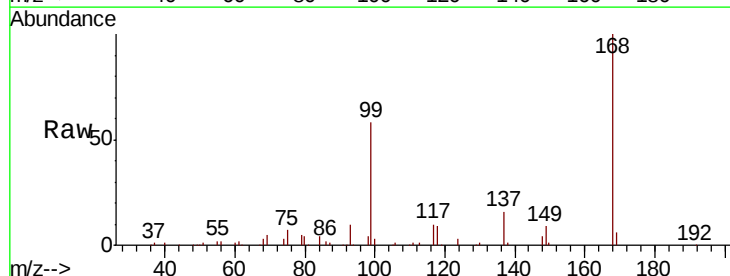


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

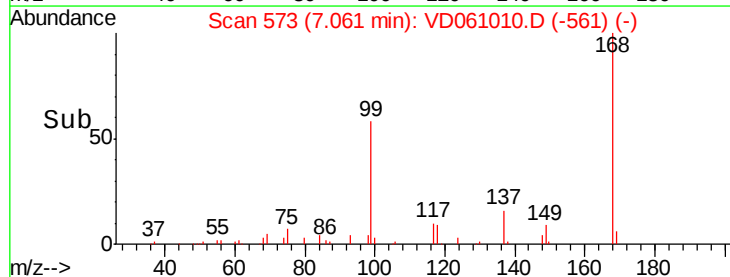
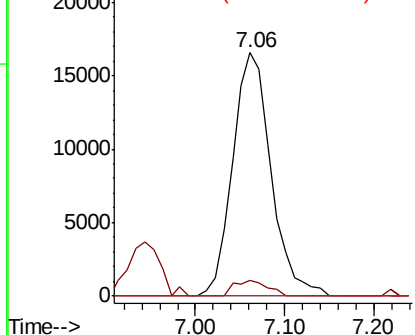


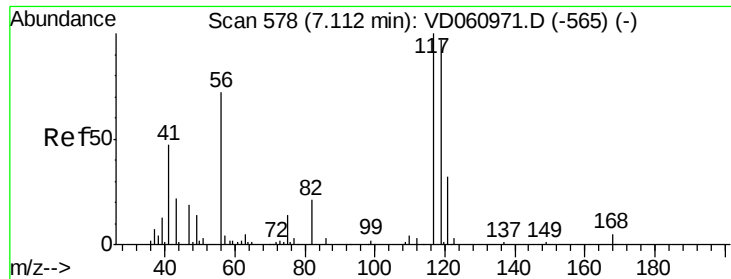
#36
1,1-Dichloropropene
Concen: 4.415 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.08 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Tgt Ion: 75 Resp: 49636
Ion Ratio Lower Upper
75 100
110 6.4 19.7 59.1#
77 0.0 24.7 37.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

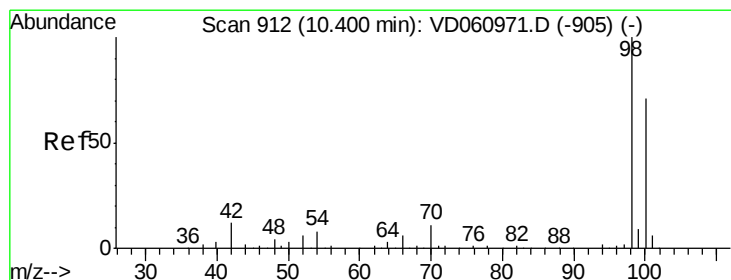
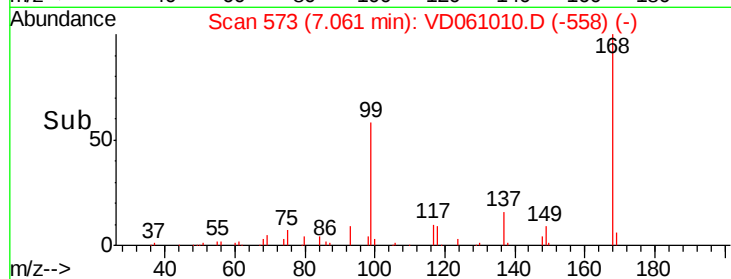
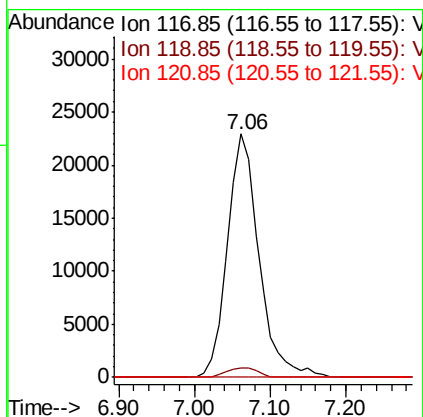
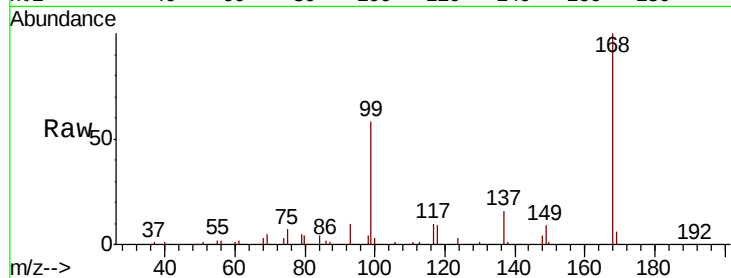




#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.05 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

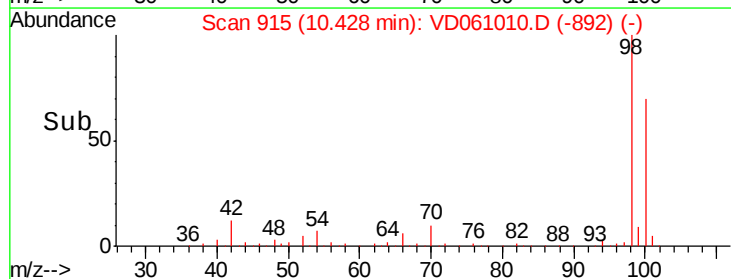
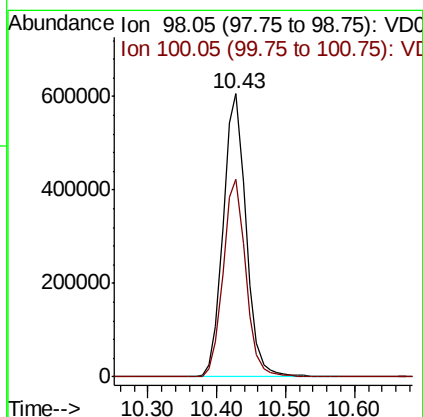
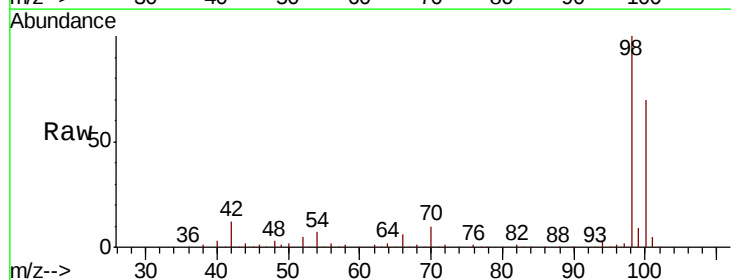
Instrument :
MSVOA_D
ClientSampleId :
TP-21RE

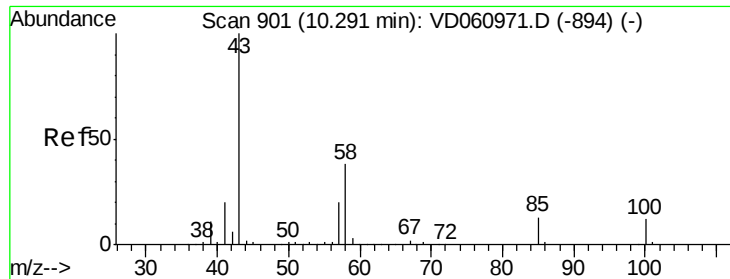
Tot Ion:117 Resp: 66152
Ion Ratio Lower Upper
117 100
119 4.0 77.8 116.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Tgt Ion: 98 Resp: 1396043
Ion Ratio Lower Upper
98 100
100 69.9 57.4 86.2





#51

4-Methyl-2-Pentanone

Concen: 1.265 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.13 min

Lab File: VD061010.D

Acq: 11 Mar 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

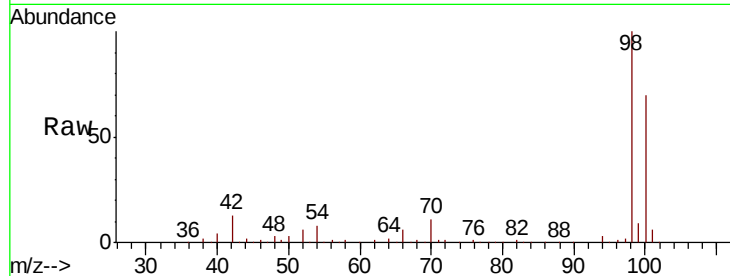
TP-21RE

Tot Ion: 43 Resp: 5661

Ion Ratio Lower Upper

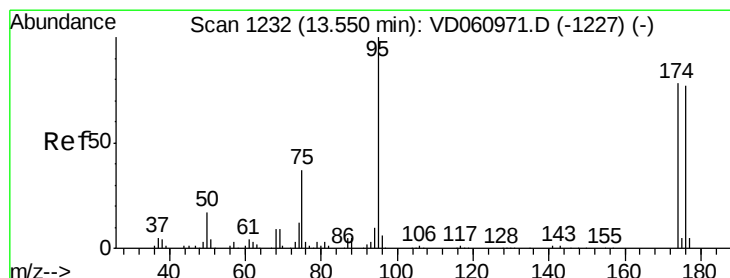
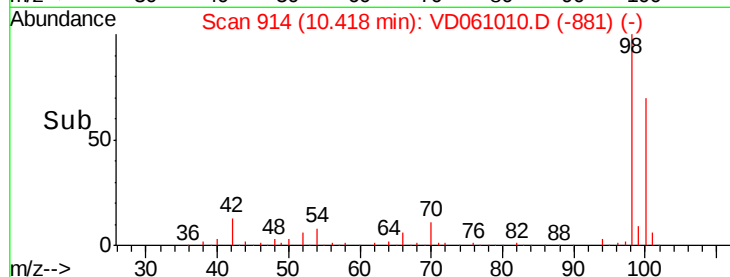
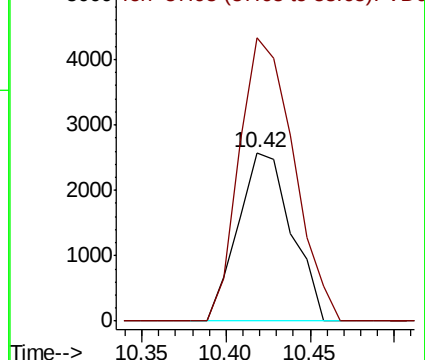
43 100

58 168.2 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061010.D

Acq: 11 Mar 2019 17:58

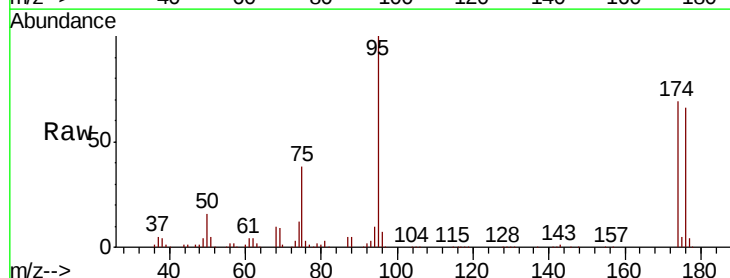
Tgt Ion: 95 Resp: 505001

Ion Ratio Lower Upper

95 100

174 69.1 0.0 155.6

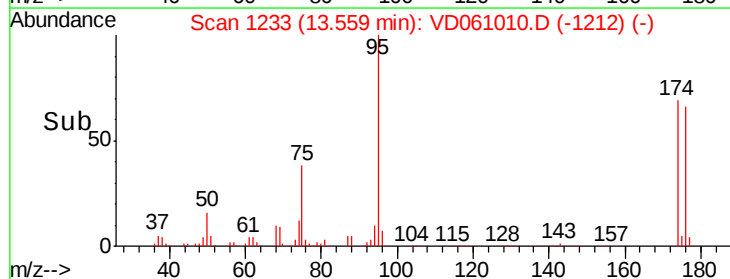
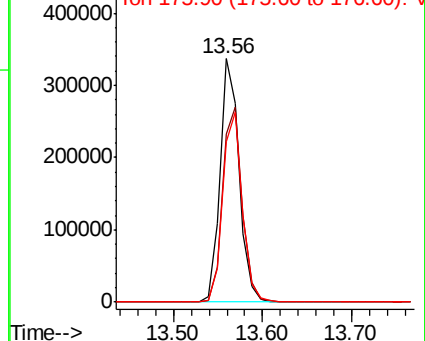
176 65.8 0.0 153.8

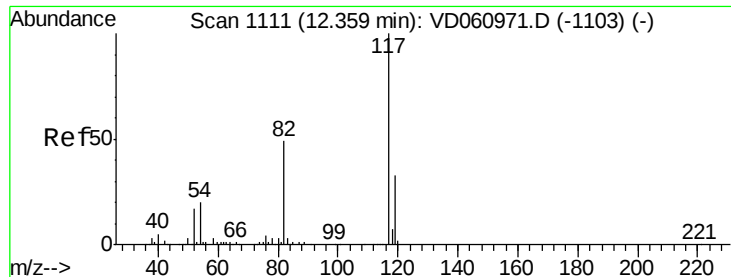


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

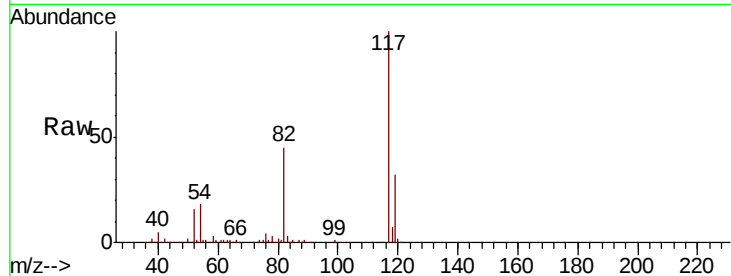




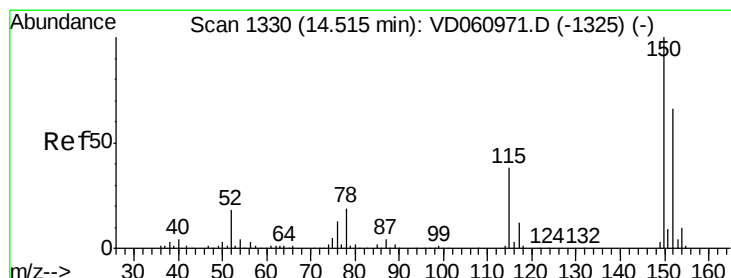
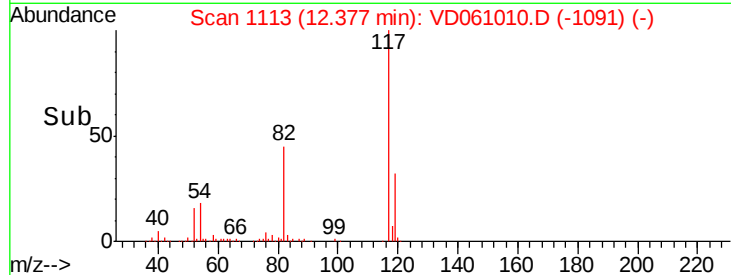
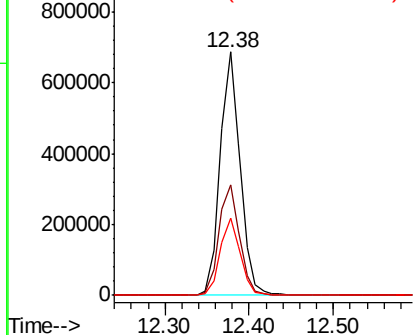
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP-21RE

Tot Ion:117 Resp: 1134921
Ion Ratio Lower Upper
117 100
82 45.2 38.9 58.3
119 31.8 26.6 39.8

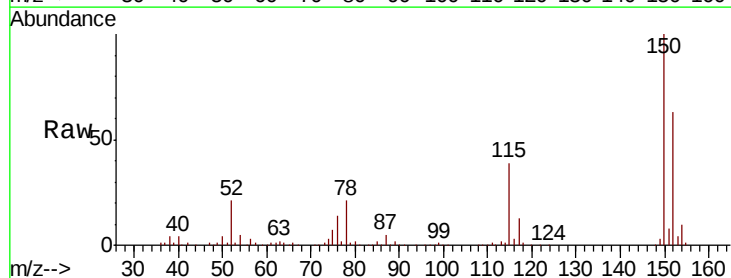


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

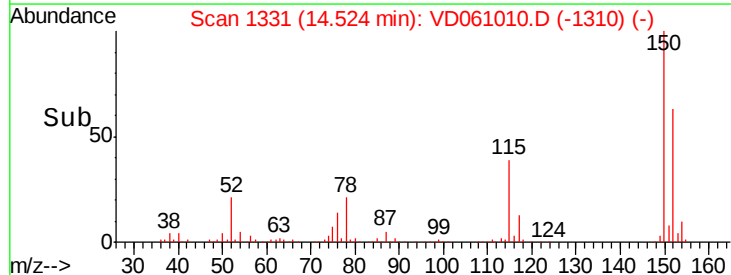
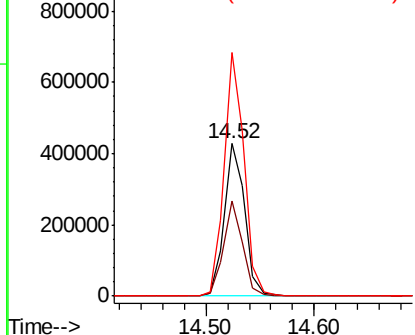


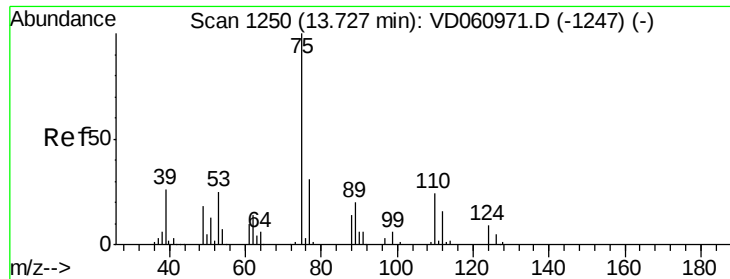
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061010.D
Acq: 11 Mar 2019 17:58

Tgt Ion:152 Resp: 556627
Ion Ratio Lower Upper
152 100
115 62.6 28.6 85.9
150 159.8 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

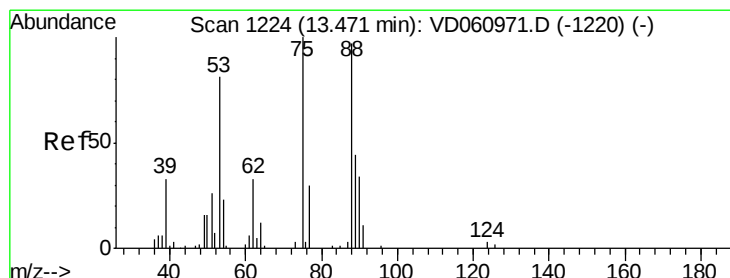
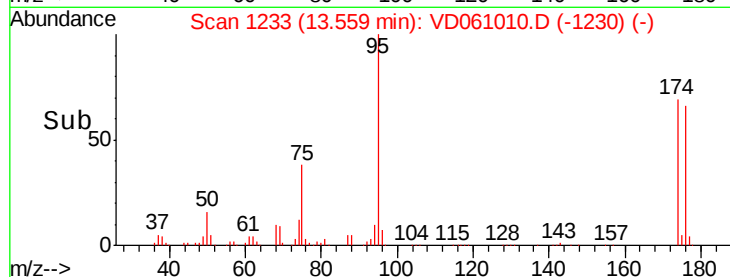
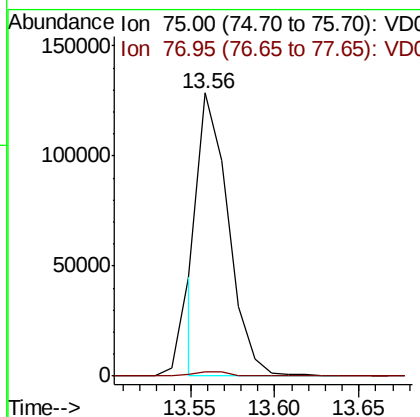
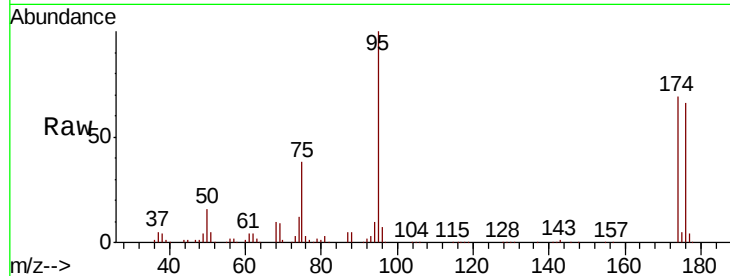




#76
 1,2,3-Trichloropropane
 Concen: 19.796 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD061010.D
 Acq: 11 Mar 2019 17:58

Instrument :
 MSVOA_D
 ClientSampled :
 TP-21RE

Tot Ion: 75 Resp: 158527
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.246 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061010.D
 Acq: 11 Mar 2019 17:58

Tgt Ion: 75 Resp: 187096
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

