

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD061011.D
 Acq On : 11 Mar 2019 18:26
 Operator : VA/AP
 Sample : K1807-43RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

Quant Time: Mar 12 05:43:53 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

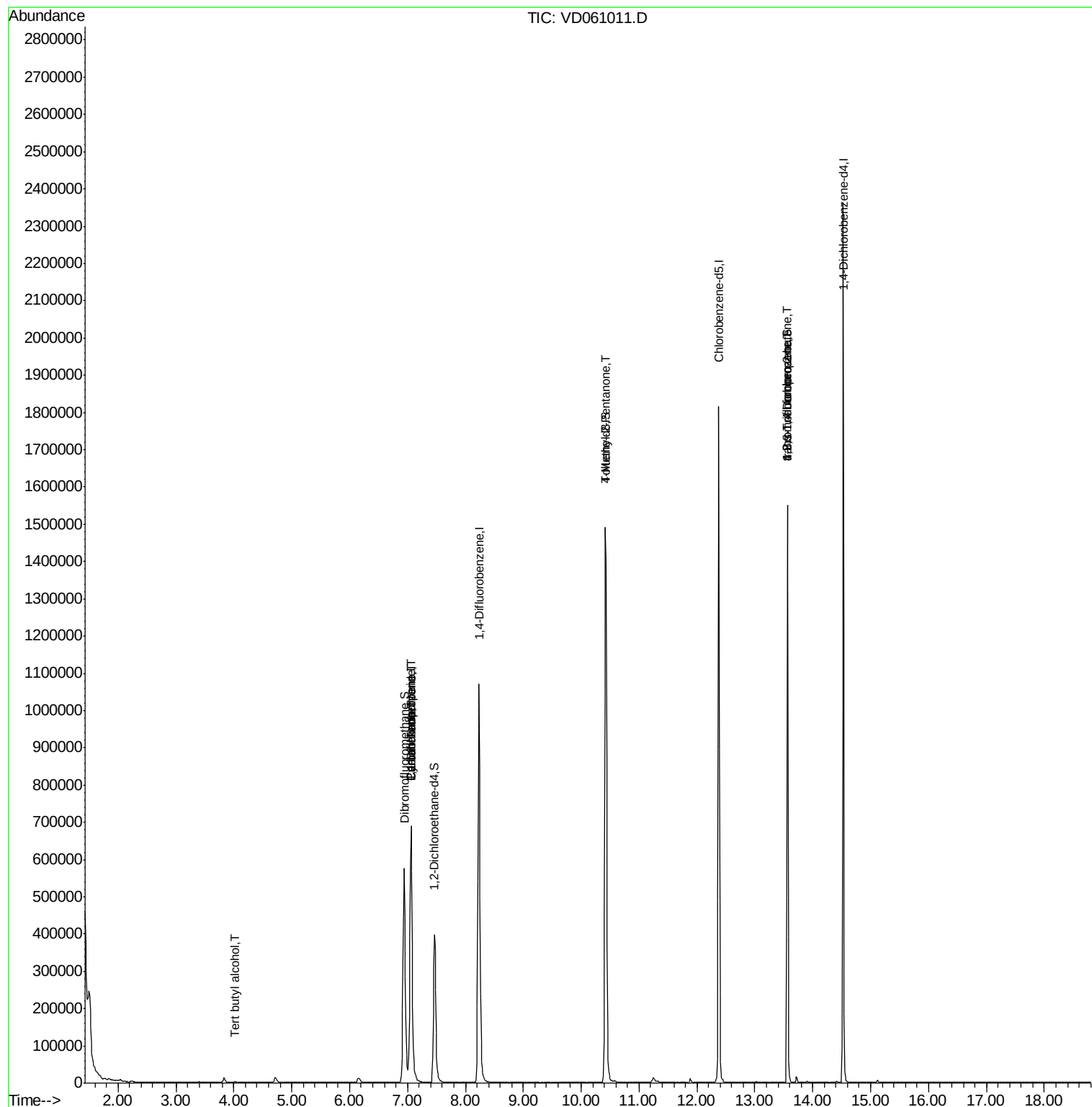
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	682487	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1323673	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1109115	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	512930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	388897	68.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.92%	
35) Dibromofluoromethane	6.94	113	563572	57.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.74%	
50) Toluene-d8	10.42	98	1362999	55.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.50%	
62) 4-Bromofluorobenzene	13.56	95	521026	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.01	59	1624	4.490	ug/l #	75
20) Methylene Chloride	3.83	84	9058	Below Cal		96
31) Cyclohexane	7.06	56	11881	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	52500	4.601	ug/l #	46
38) Carbon Tetrachloride	7.06	117	67899	5.402	ug/l #	14
51) 4-Methyl-2-Pentanone	10.42	43	5547	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	159495	21.613	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	192800	88.619	ug/l #	17

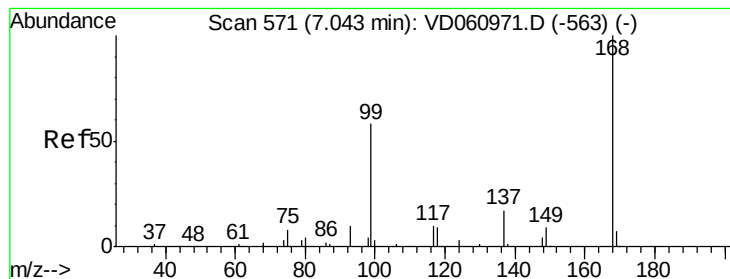
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031119\
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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: VD061011.D

Acq: 11 Mar 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

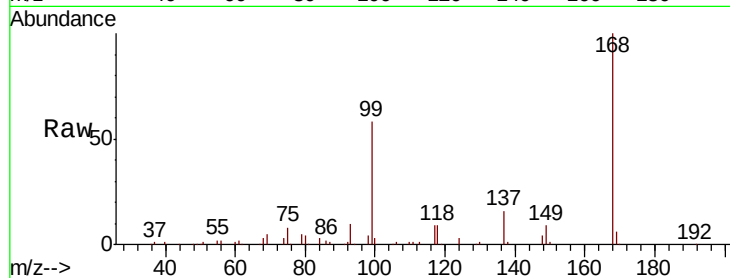
TP-22RE

Tot Ion:168 Resp: 682487

Ion Ratio Lower Upper

168 100

99 58.0 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

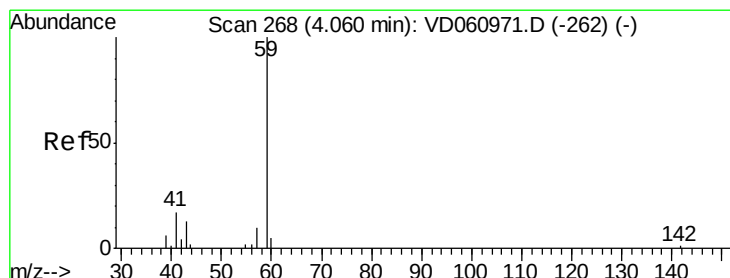
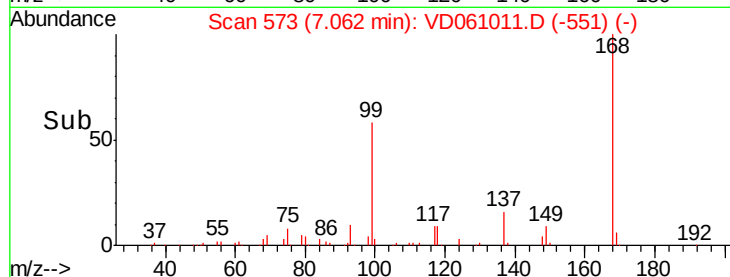
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#11

Tert butyl alcohol

Concen: 4.490 ug/l

RT: 4.01 min Scan# 263

Delta R.T. -0.05 min

Lab File: VD061011.D

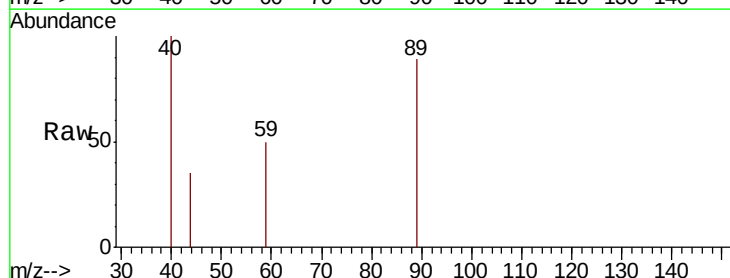
Acq: 11 Mar 2019 18:26

Tgt Ion: 59 Resp: 1624

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

4.01

800

600

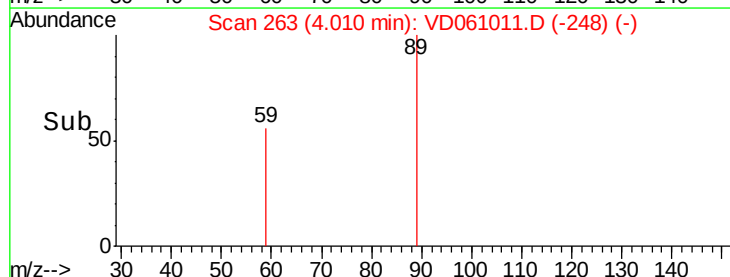
400

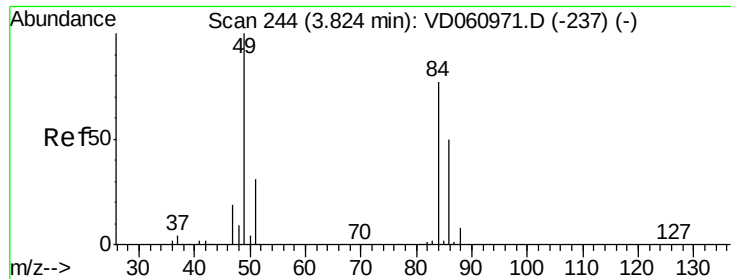
200

0

3.95 4.00 4.05

Time-->

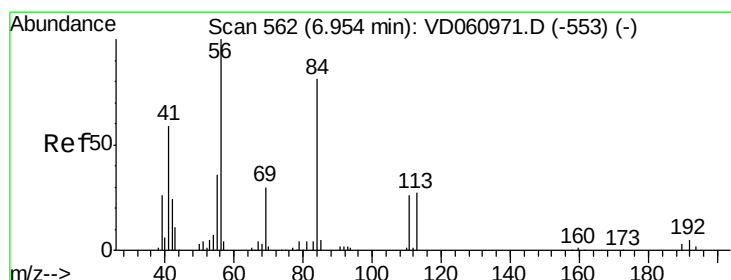
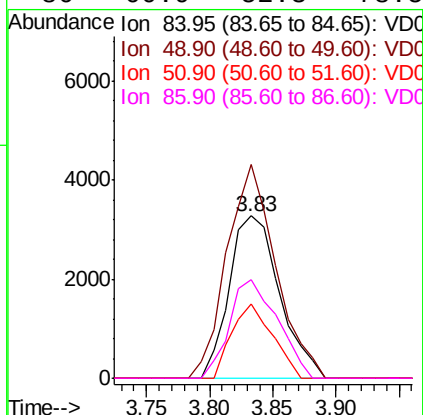
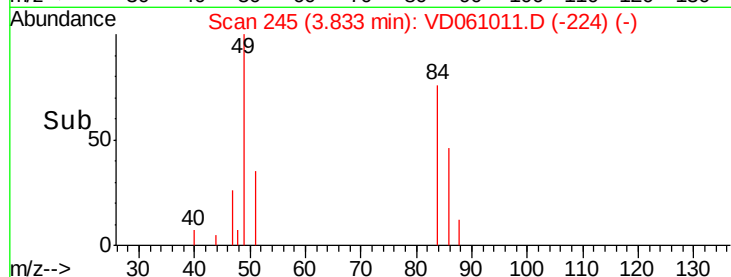
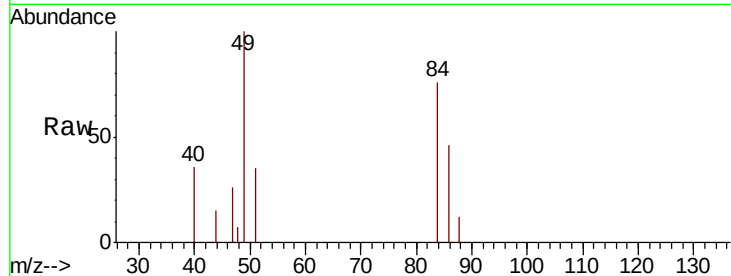




#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

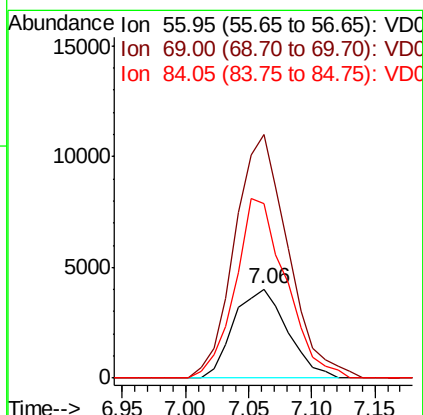
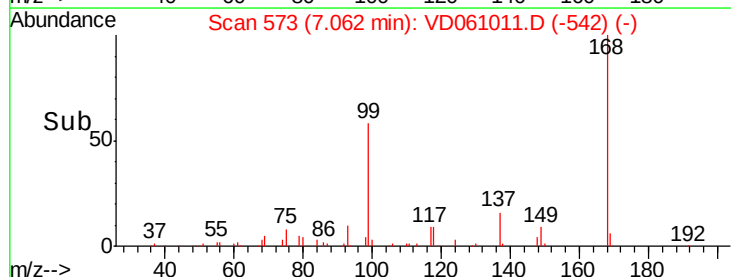
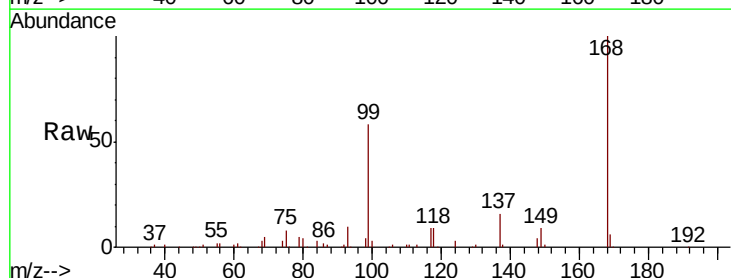
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

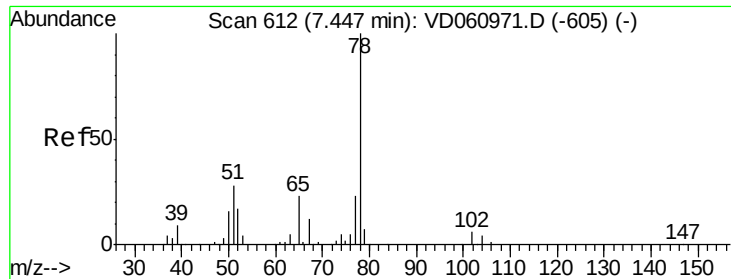
Tot Ion: 84 Resp: 9058
Ion Ratio Lower Upper
84 100
49 131.8 104.2 156.2
51 45.5 32.3 48.5
86 60.9 52.3 78.5



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

Tgt Ion: 56 Resp: 11881
Ion Ratio Lower Upper
56 100
69 274.1 24.0 36.0#
84 195.8 65.8 98.6#

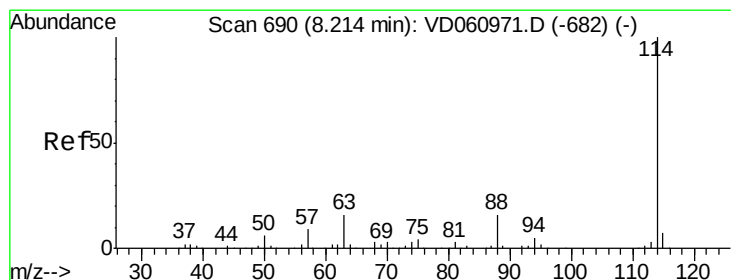
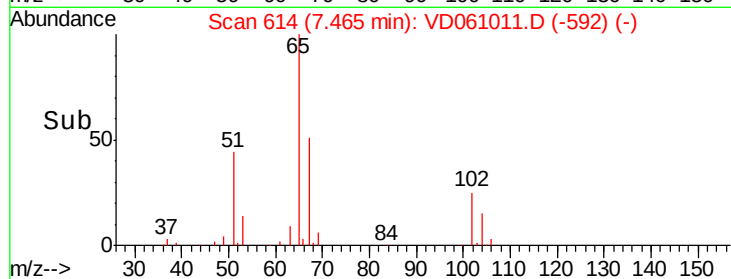
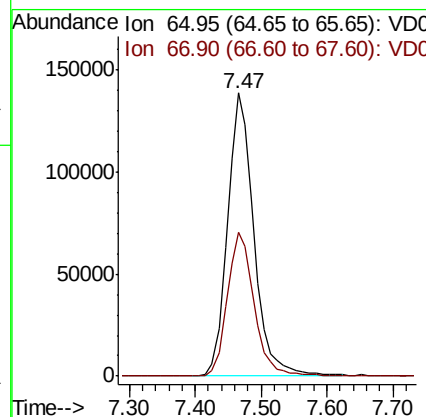
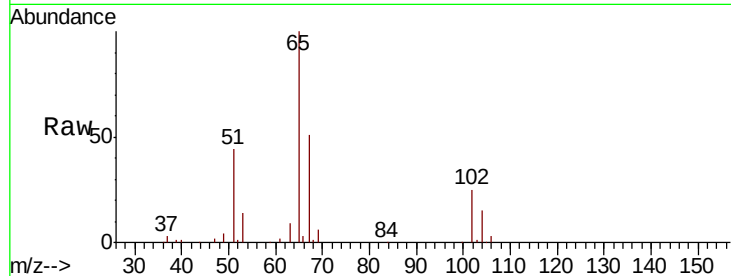




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061011.D
 Acq: 11 Mar 2019 18:26

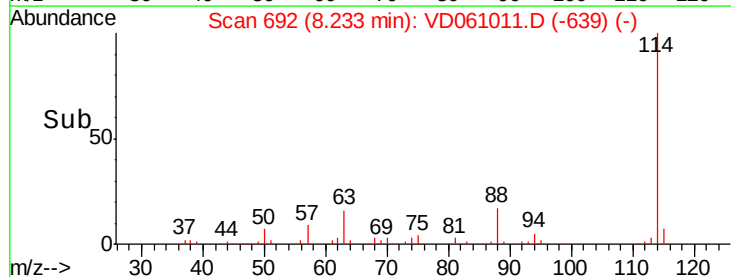
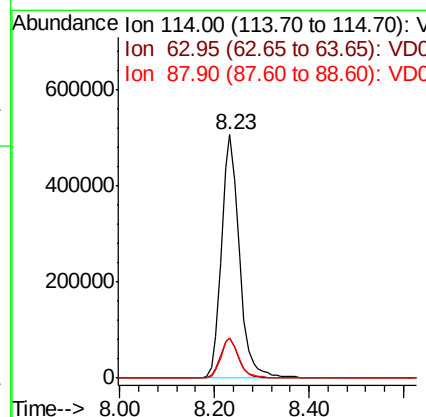
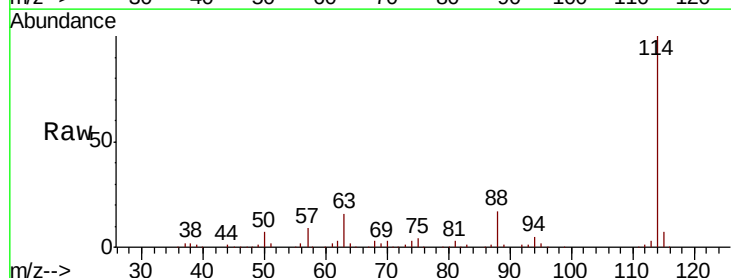
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

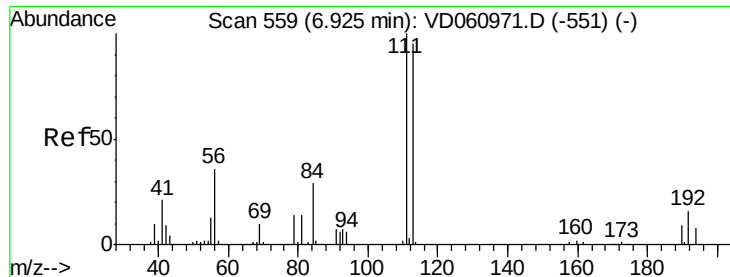
Tot Ion: 65 Resp: 388897
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061011.D
 Acq: 11 Mar 2019 18:26

Tgt Ion: 114 Resp: 1323673
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.4
 88 16.7 0.0 33.0

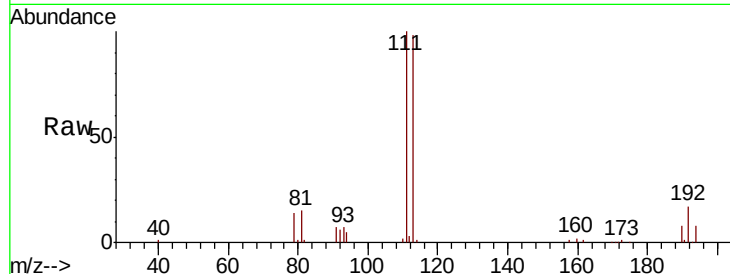




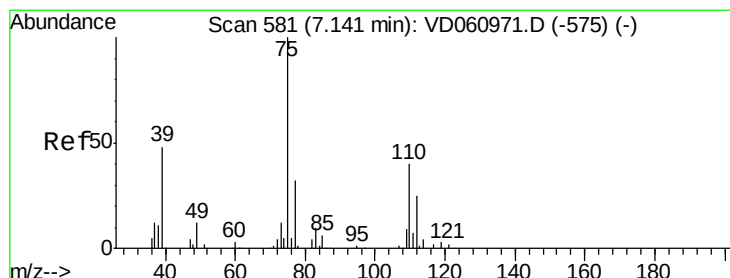
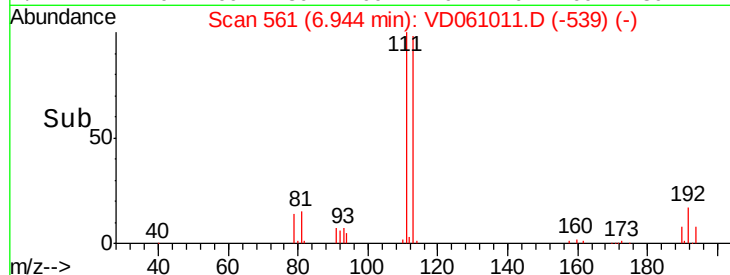
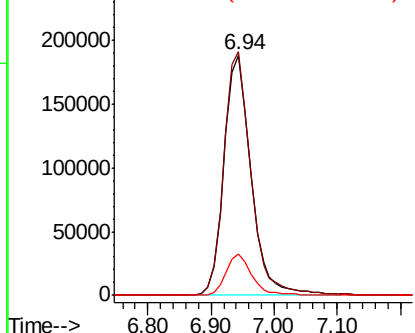
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.02 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

Instrument :
MSVOA_D
ClientSampled :
TP-22RE

Tot Ion:113 Resp: 563572
Ion Ratio Lower Upper
113 100
111 101.5 84.2 126.4
192 17.2 13.1 19.7

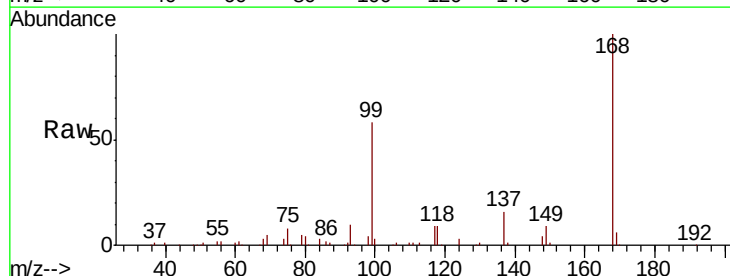


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

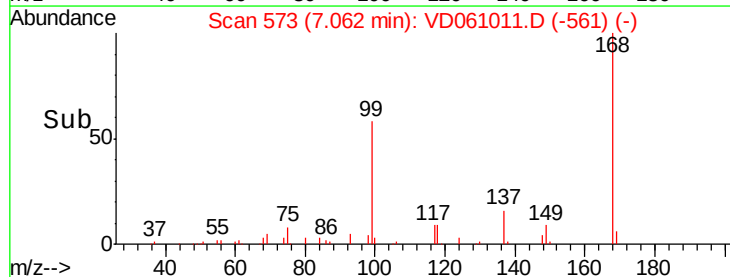
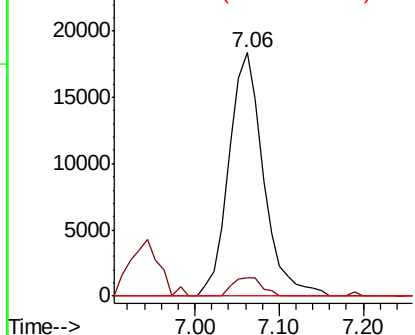


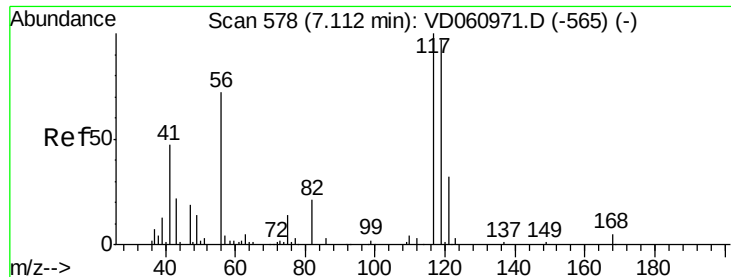
#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.08 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

Tgt Ion: 75 Resp: 52500
Ion Ratio Lower Upper
75 100
110 7.6 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: 5.402 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD061011.D

Acq: 11 Mar 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

TP-22RE

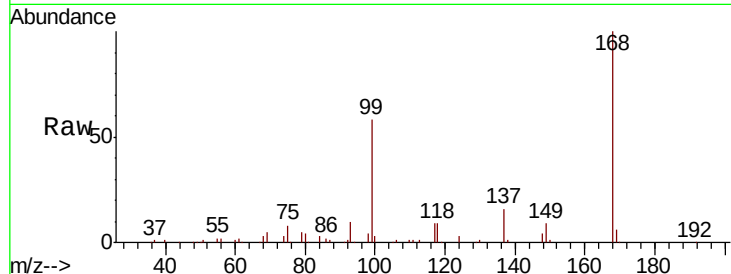
Tot Ion:117 Resp: 67899

Ion Ratio Lower Upper

117 100

119 3.8 77.8 116.8#

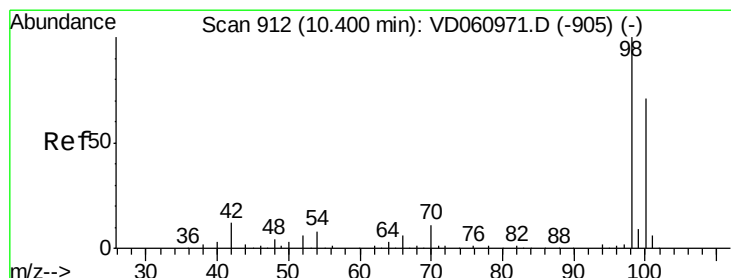
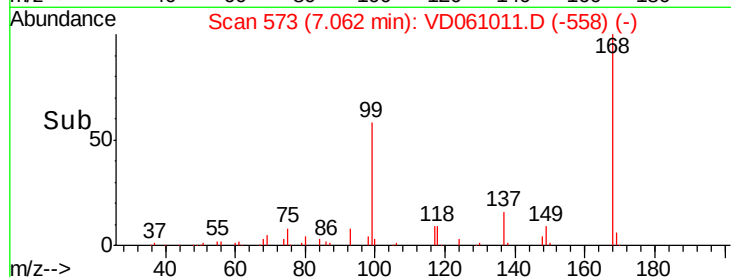
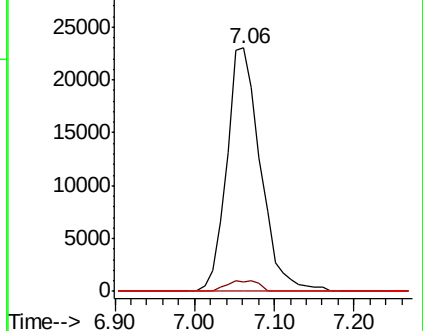
121 0.0 25.3 37.9#



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061011.D

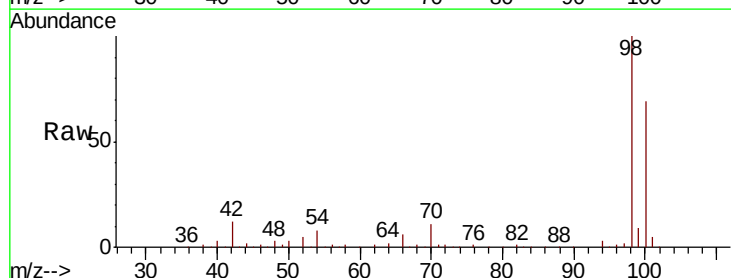
Acq: 11 Mar 2019 18:26

Tgt Ion: 98 Resp: 1362999

Ion Ratio Lower Upper

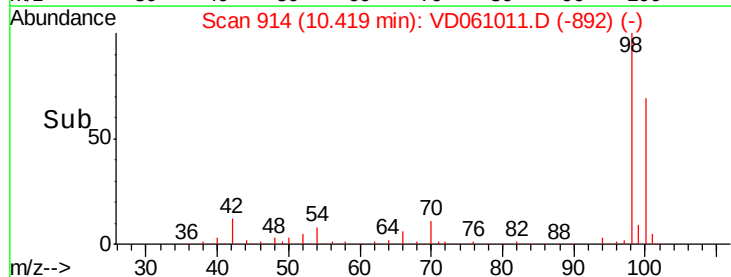
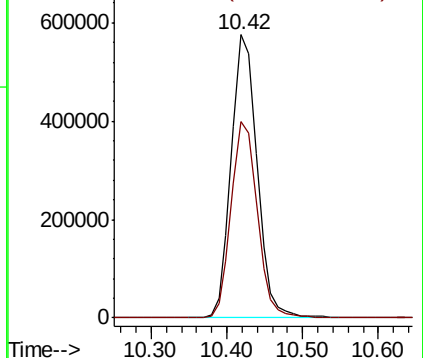
98 100

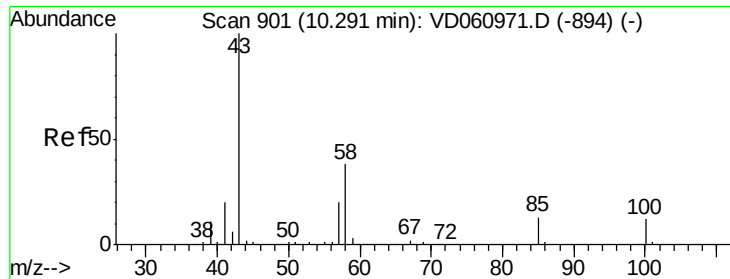
100 69.3 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.221 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.13 min

Lab File: VD061011.D

Acq: 11 Mar 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

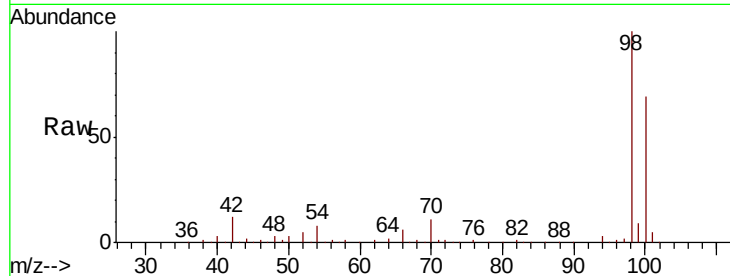
TP-22RE

Tot Ion: 43 Resp: 5547

Ion Ratio Lower Upper

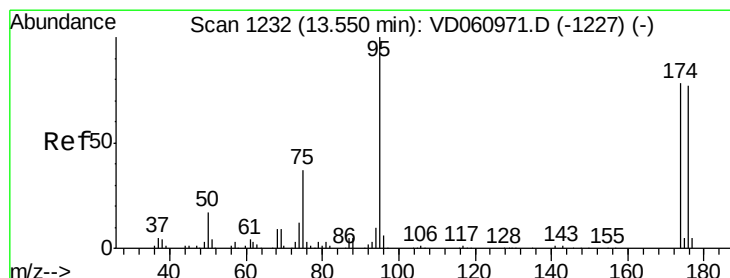
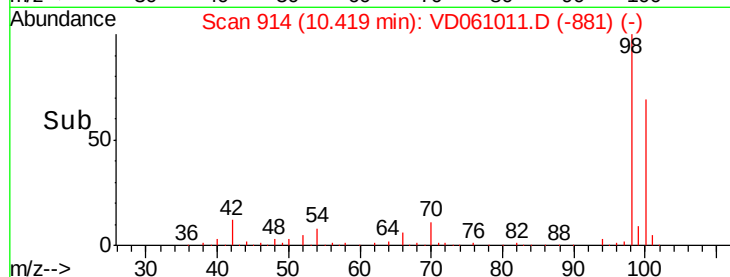
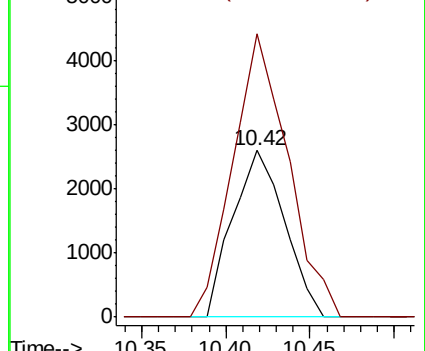
43 100

58 169.8 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: VD061011.D

Acq: 11 Mar 2019 18:26

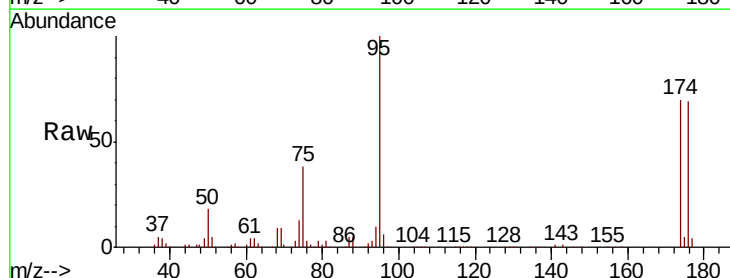
Tgt Ion: 95 Resp: 521026

Ion Ratio Lower Upper

95 100

174 69.6 0.0 155.6

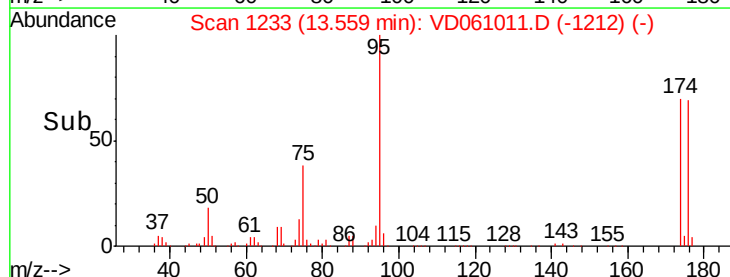
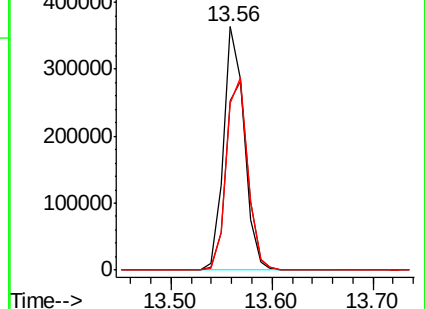
176 68.6 0.0 153.8

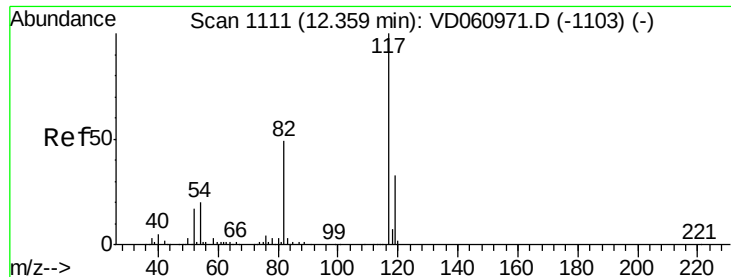


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

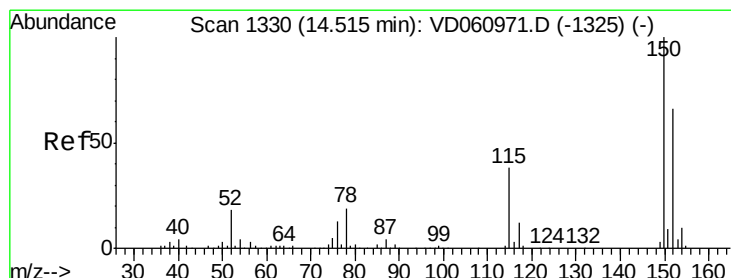
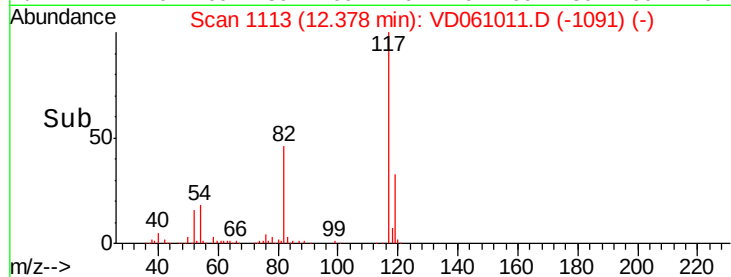
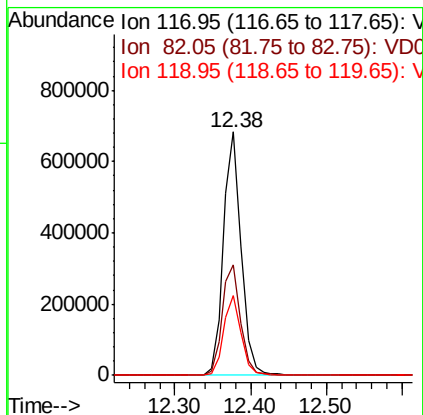
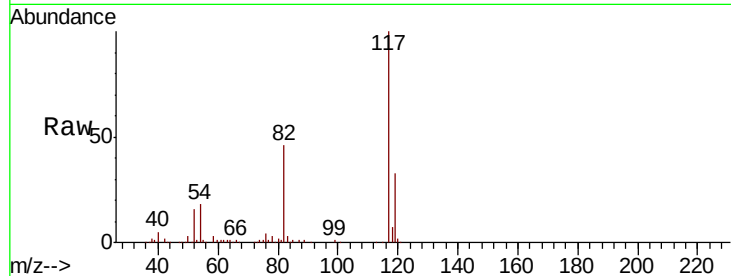




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

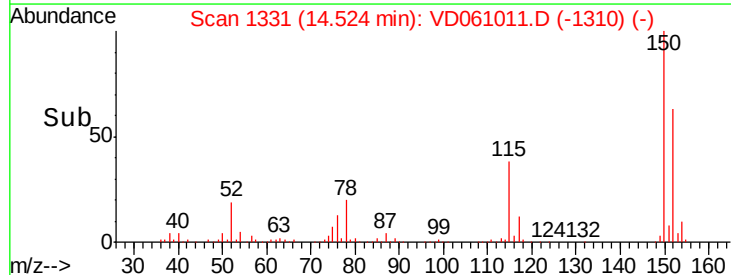
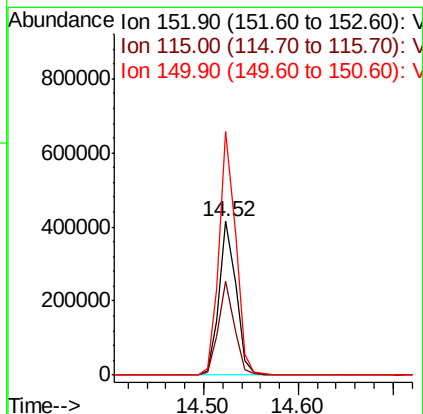
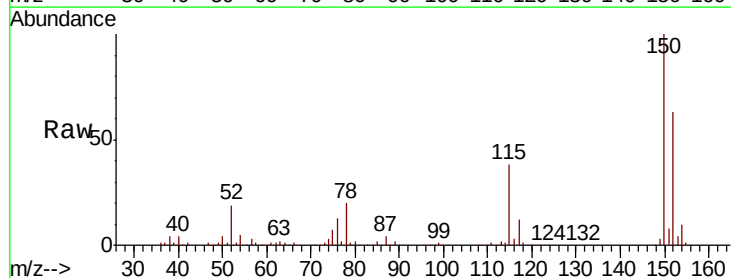
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

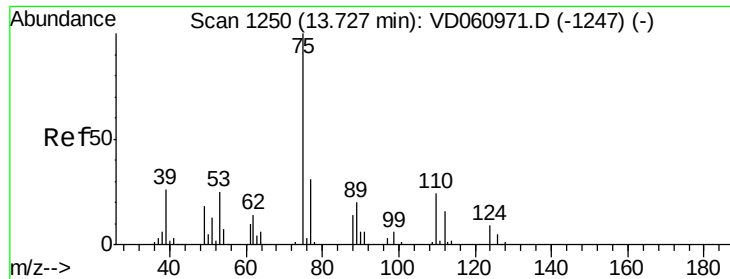
Tot Ion:117 Resp: 1109115
Ion Ratio Lower Upper
117 100
82 45.6 38.9 58.3
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061011.D
Acq: 11 Mar 2019 18:26

Tgt Ion:152 Resp: 512930
Ion Ratio Lower Upper
152 100
115 61.0 28.6 85.9
150 158.7 0.0 310.6

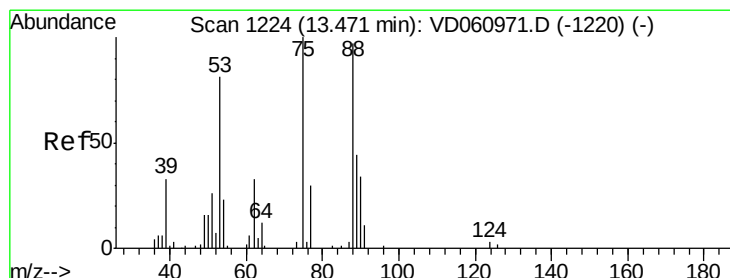
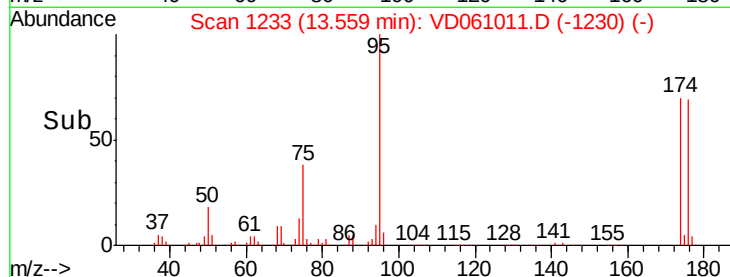
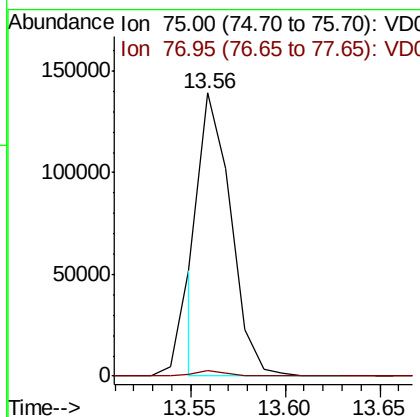
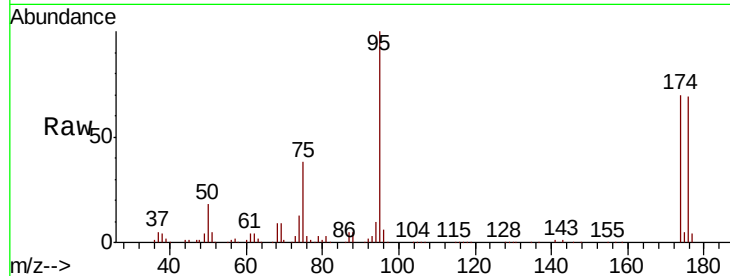




#76
 1,2,3-Trichloropropane
 Concen: 21.613 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD061011.D
 Acq: 11 Mar 2019 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

Tot Ion: 75 Resp: 159495
 Ion Ratio Lower Upper
 75 100
 77 1.8 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.619 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061011.D
 Acq: 11 Mar 2019 18:26

Tgt Ion: 75 Resp: 192800
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

