

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD061004.D
 Acq On : 11 Mar 2019 15:01
 Operator : VA/AP
 Sample : K1807-25RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16RE

Quant Time: Mar 12 05:43:00 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	783177	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1446184	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1296394	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	564216	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	412433	63.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	126.54%	
35) Dibromofluoromethane	6.93	113	609825	56.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.64%	
50) Toluene-d8	10.42	98	1469103	54.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	13.56	95	544271	52.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.08%	

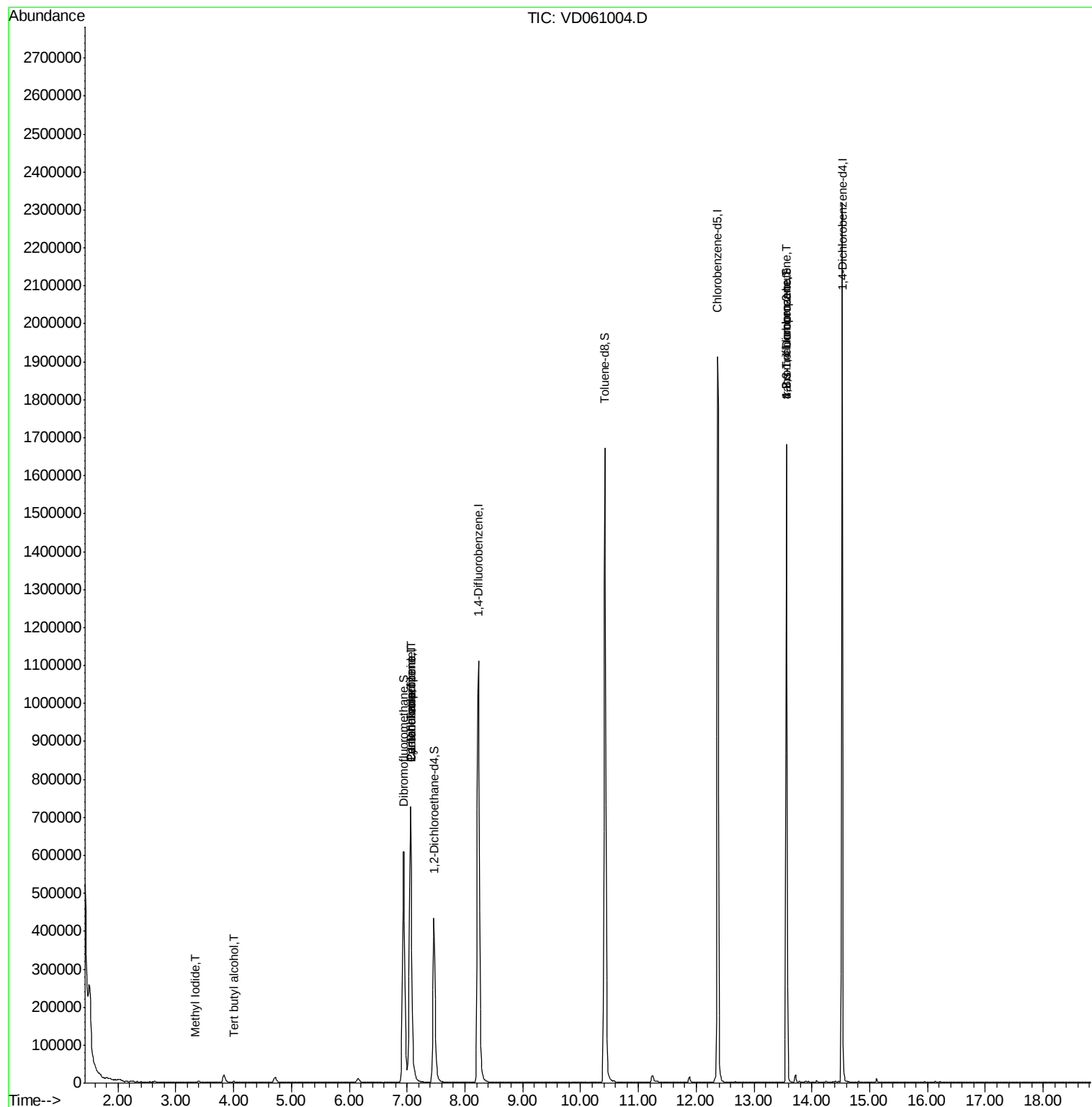
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	182	Below Cal	#	8
10) Methyl Iodide	3.33	142	184	2.947	ug/l #	39
11) Tert butyl alcohol	4.00	59	1635	3.940	ug/l #	75
20) Methylene Chloride	3.83	84	14859	Below Cal	#	89
31) Cyclohexane	7.05	56	13163	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	57999	4.653	ug/l #	46
38) Carbon Tetrachloride	7.06	117	73948	5.385	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	140878	17.355	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	196970	82.306	ug/l #	17

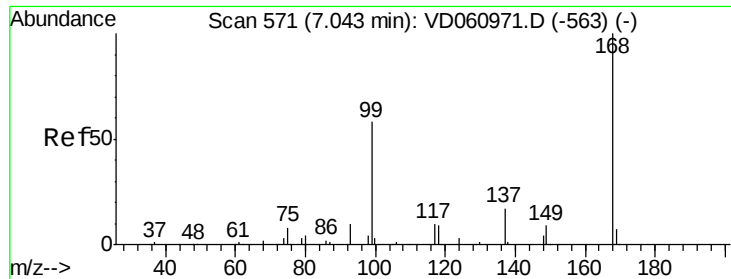
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031119\
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Quant Time: Mar 12 05:43:00 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: VD061004.D

Acq: 11 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

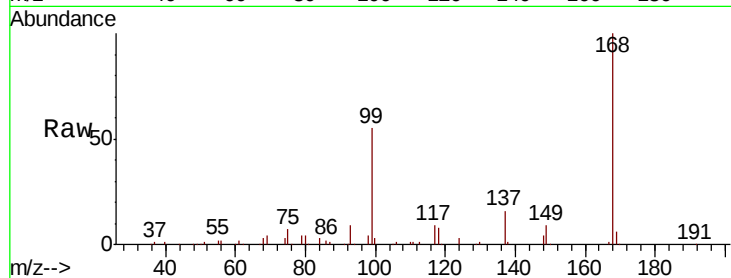
TP-16RE

Tot Ion:168 Resp: 783177

Ion Ratio Lower Upper

168 100

99 55.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

250000

200000

150000

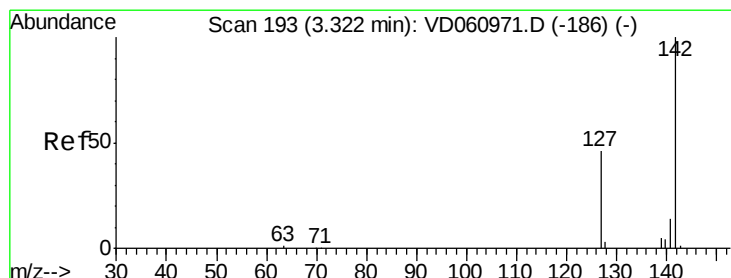
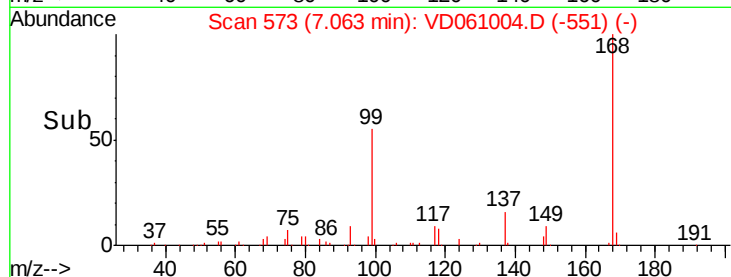
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 2.947 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD061004.D

Acq: 11 Mar 2019 15:01

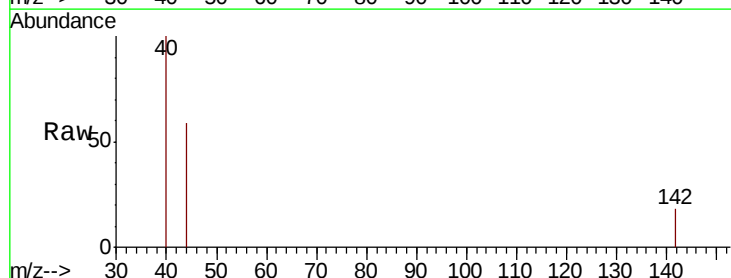
Tgt Ion:142 Resp: 184

Ion Ratio Lower Upper

142 100

127 0.0 36.8 55.2#

141 0.0 11.2 16.8#



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

3.33

400

300

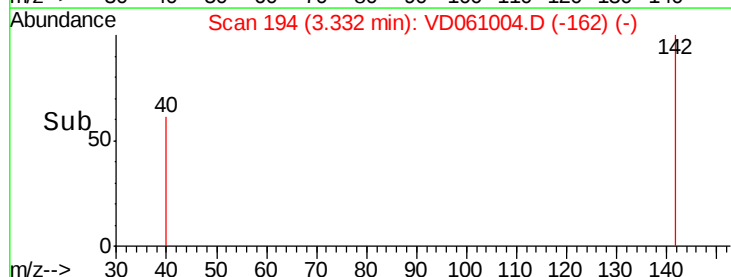
200

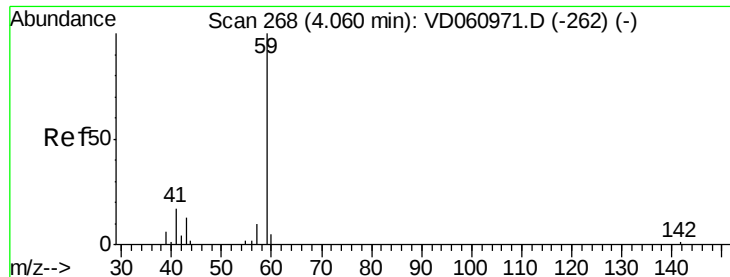
100

0

3.30 3.32 3.34 3.36

Time-->



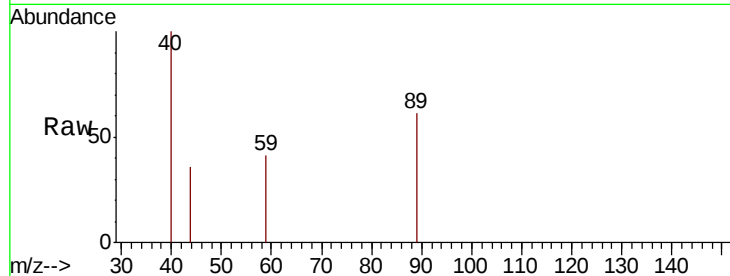


#11

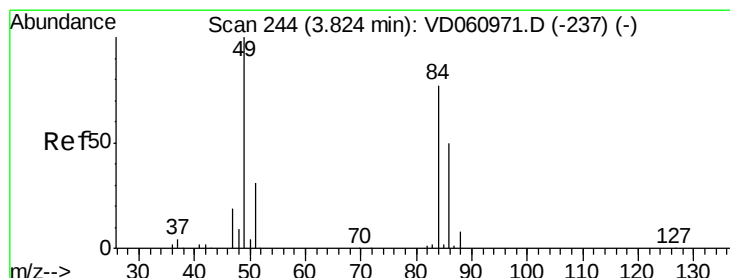
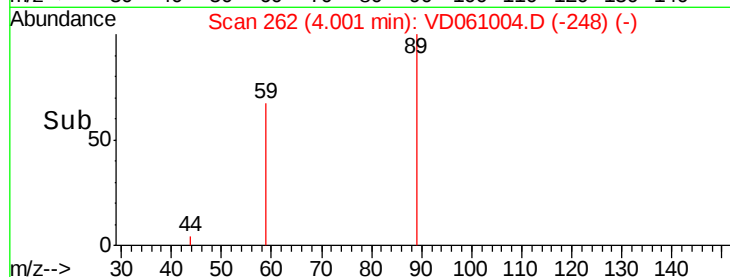
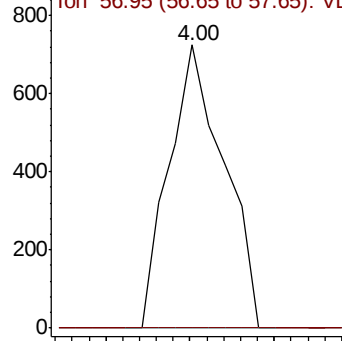
Tert butyl alcohol
 Concen: 3.940 ug/l
 RT: 4.00 min Scan# 262
 Delta R.T. -0.06 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16RE

Tot Ion: 59 Resp: 1635
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#



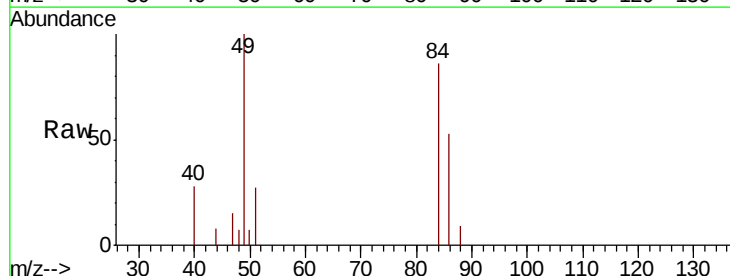
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



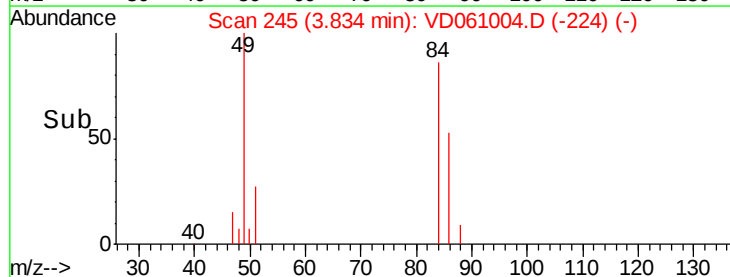
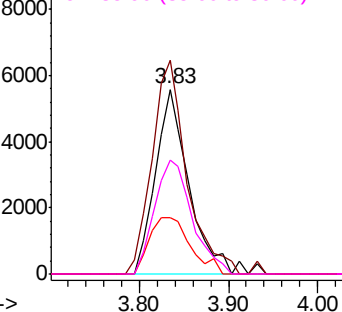
#20

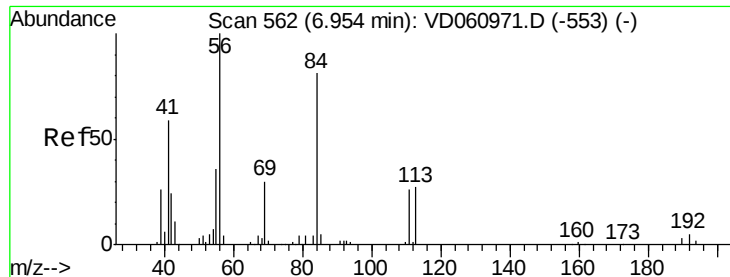
Methylene Chloride
 Concen: Below Cal
 RT: 3.83 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

Tgt Ion: 84 Resp: 14859
 Ion Ratio Lower Upper
 84 100
 49 115.9 104.2 156.2
 51 30.9 32.3 48.5#
 86 61.9 52.3 78.5



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

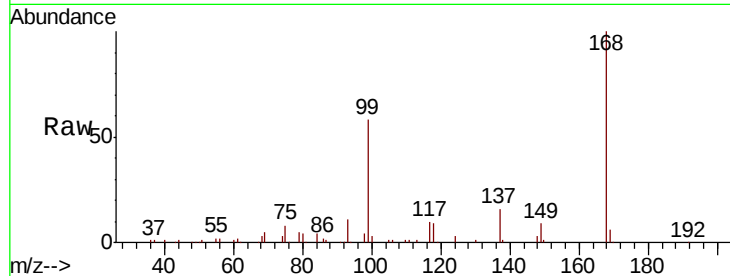




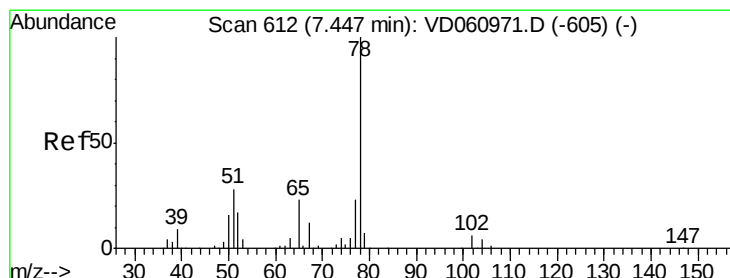
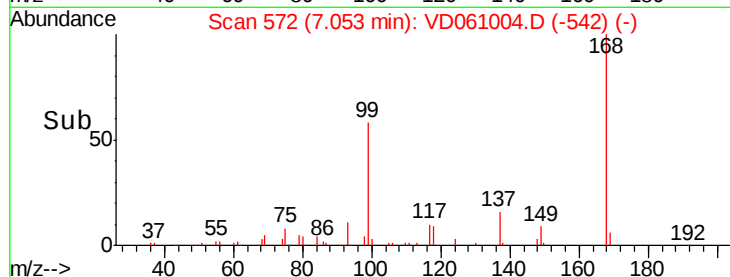
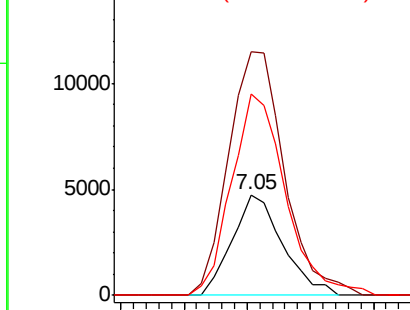
#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
TP-16RE

Tot Ion: 56 Resp: 13163
Ion Ratio Lower Upper
56 100
69 242.4 24.0 36.0#
84 200.3 65.8 98.6#

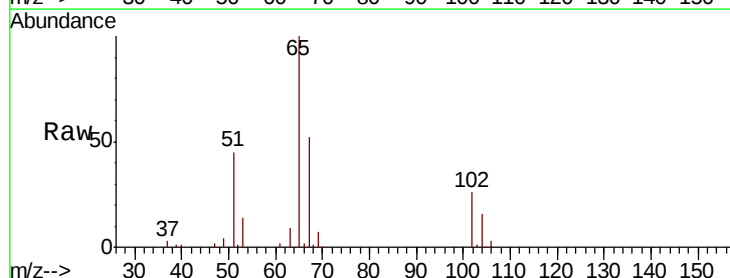


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

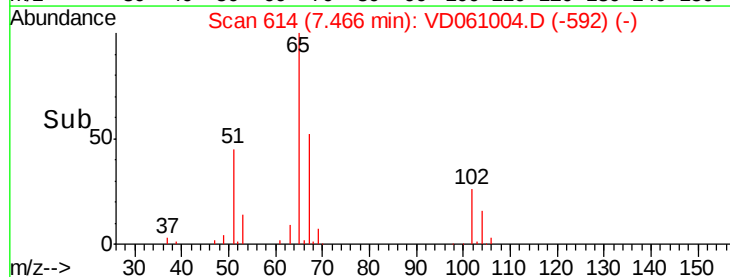
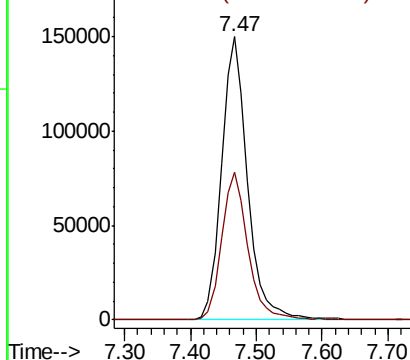


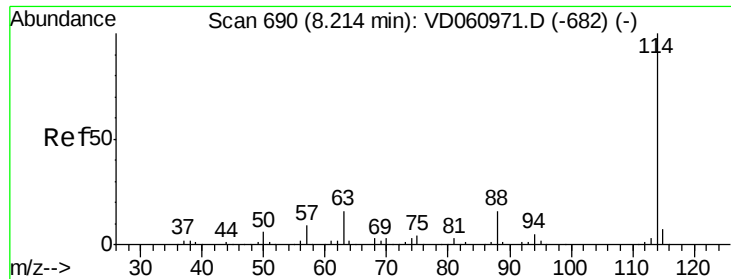
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Tgt Ion: 65 Resp: 412433
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



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

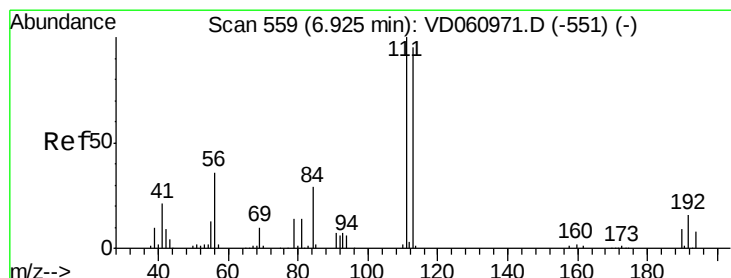
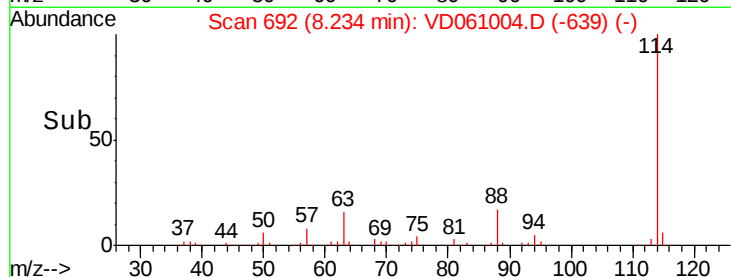
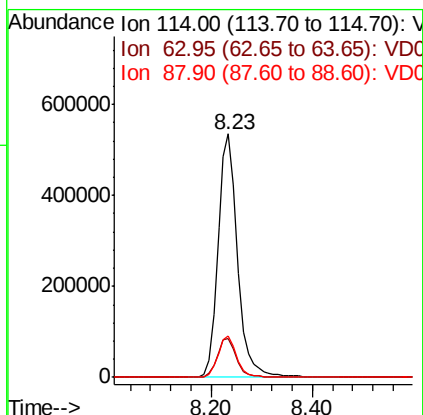
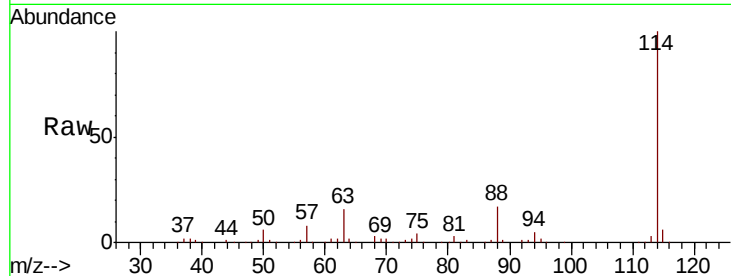




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

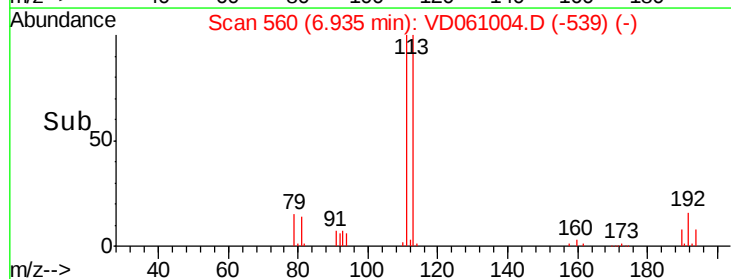
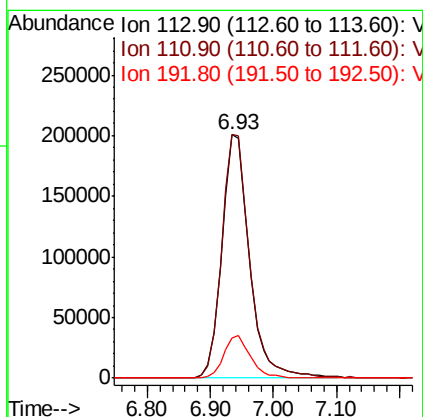
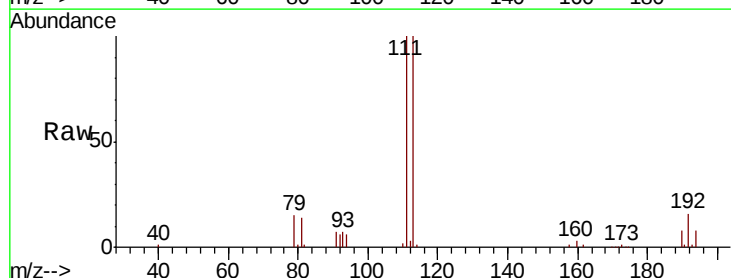
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16RE

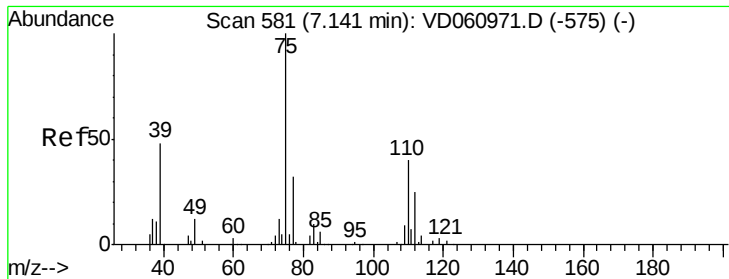
Tot Ion:114 Resp: 1446184
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 16.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

Tgt Ion:113 Resp: 609825
 Ion Ratio Lower Upper
 113 100
 111 99.8 84.2 126.4
 192 16.2 13.1 19.7





#36

1,1-Dichloropropene

Concen: 4.653 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.08 min

Lab File: VD061004.D

Acq: 11 Mar 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

TP-16RE

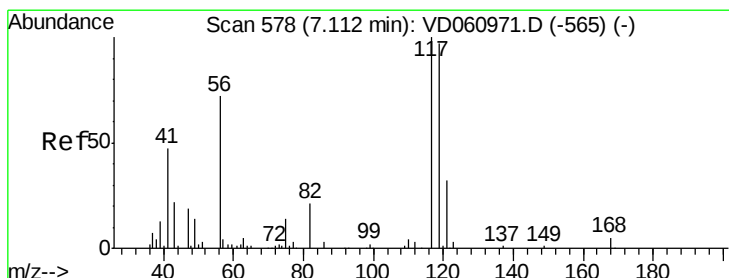
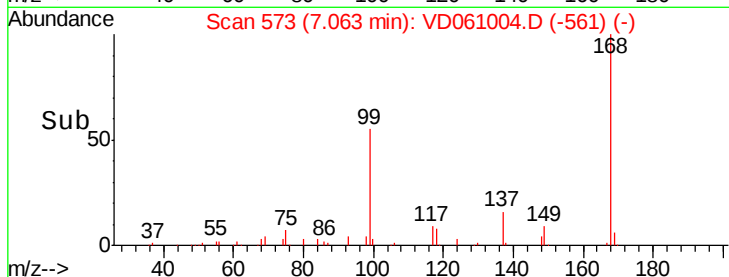
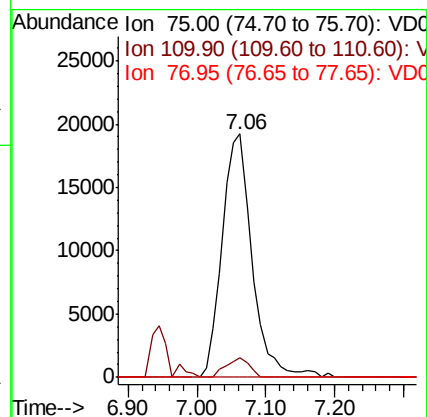
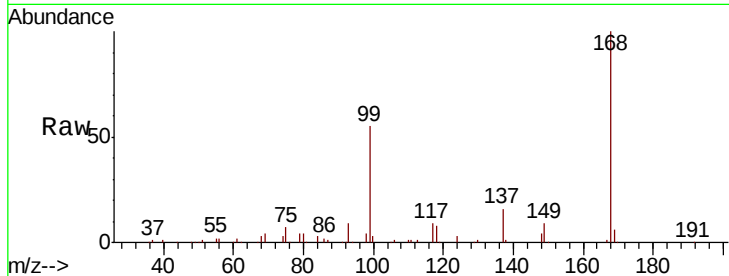
Tot Ion: 75 Resp: 57999

Ion Ratio Lower Upper

75 100

110 7.9 19.7 59.1#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.385 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD061004.D

Acq: 11 Mar 2019 15:01

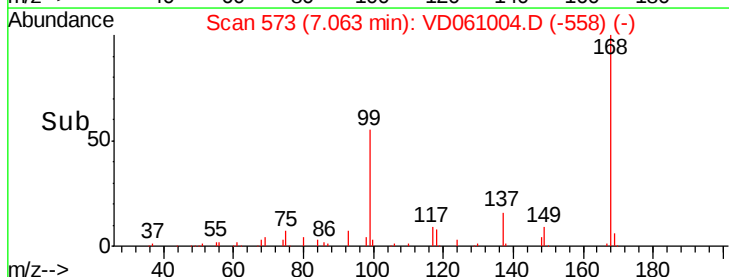
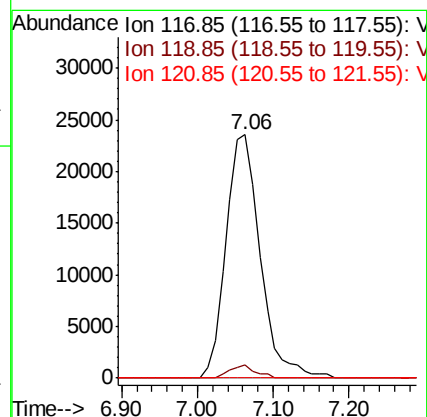
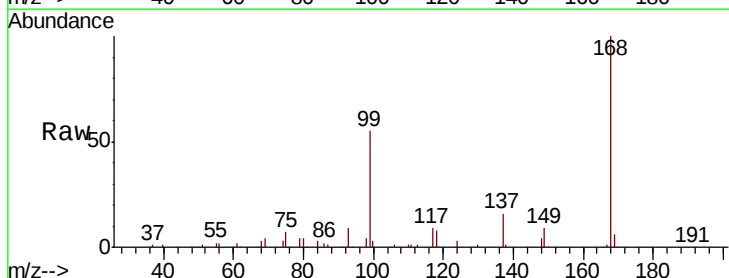
Tgt Ion: 117 Resp: 73948

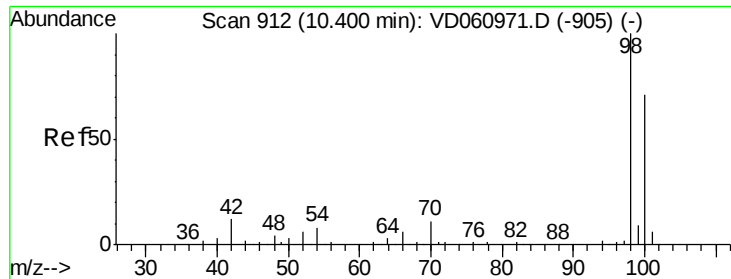
Ion Ratio Lower Upper

117 100

119 5.2 77.8 116.8#

121 0.0 25.3 37.9#

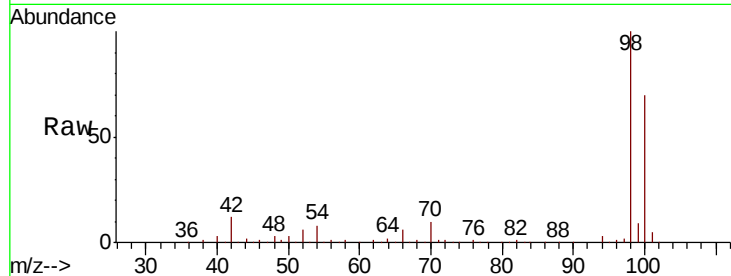




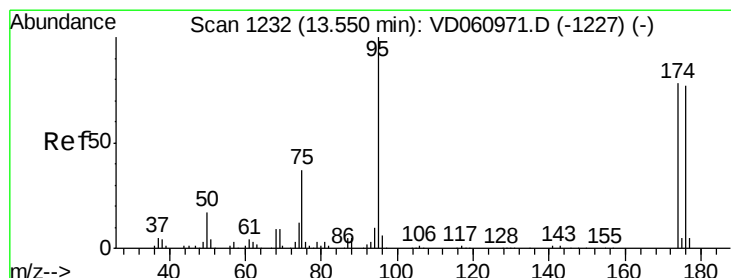
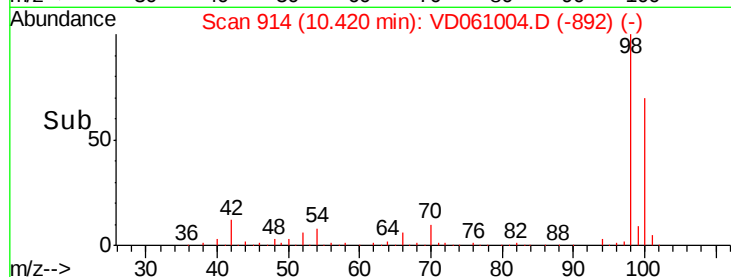
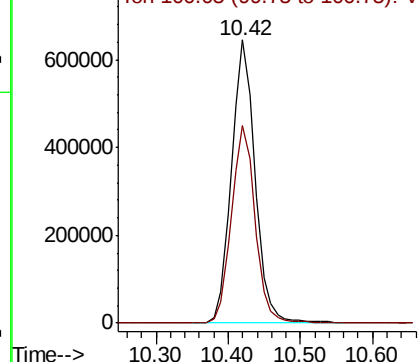
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
TP-16RE

Tot Ion: 98 Resp: 1469103
Ion Ratio Lower Upper
98 100
100 69.8 57.4 86.2

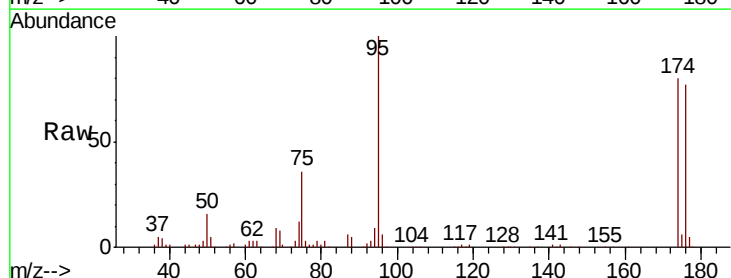


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

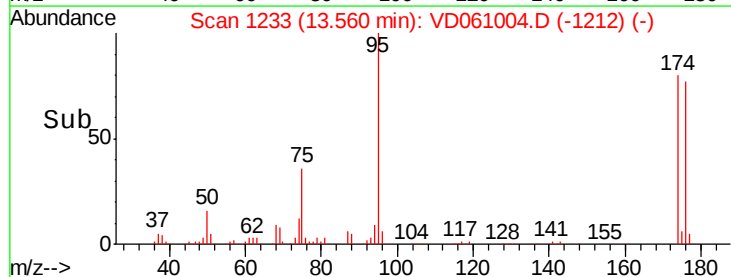
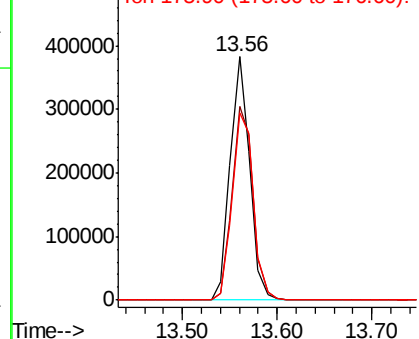


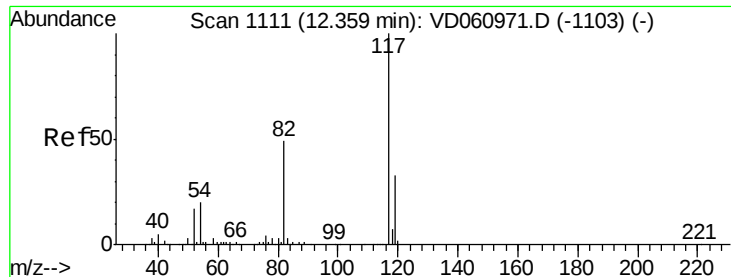
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Tgt Ion: 95 Resp: 544271
Ion Ratio Lower Upper
95 100
174 79.7 0.0 155.6
176 77.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

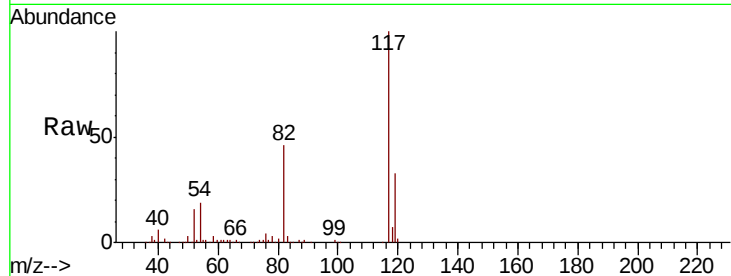




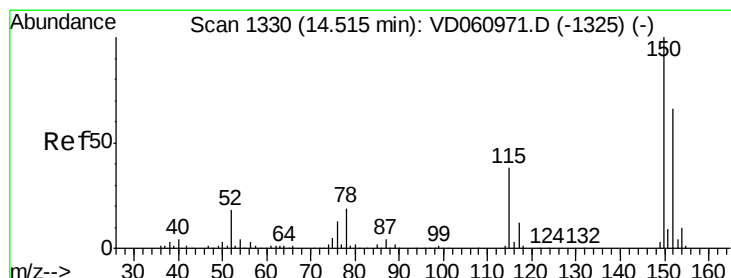
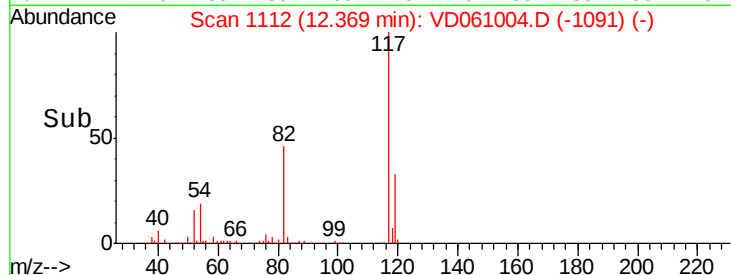
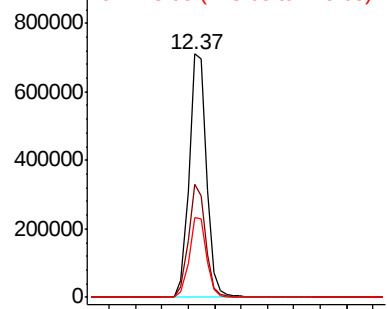
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
TP-16RE

Tot Ion:117 Resp: 1296394
Ion Ratio Lower Upper
117 100
82 46.3 38.9 58.3
119 32.7 26.6 39.8

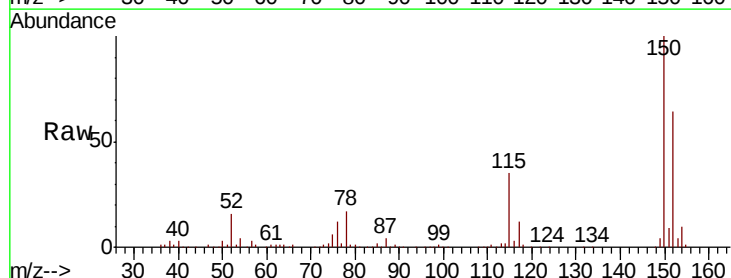


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

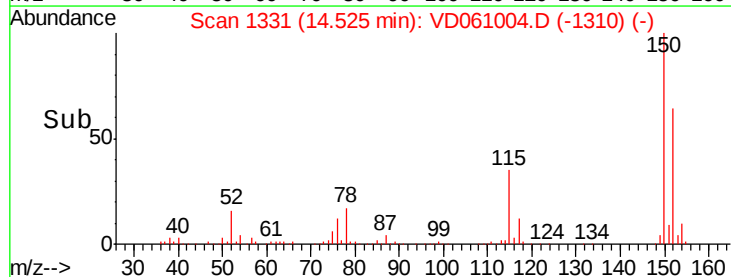
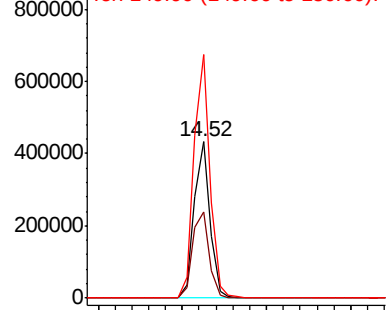


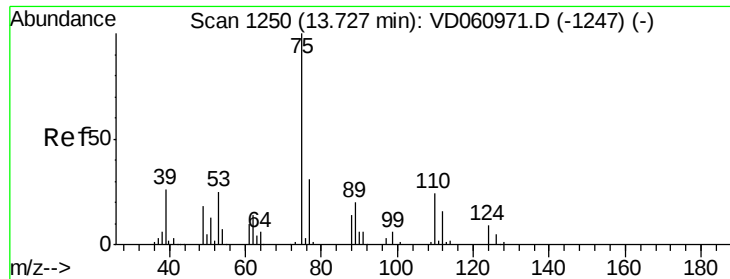
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061004.D
Acq: 11 Mar 2019 15:01

Tgt Ion:152 Resp: 564216
Ion Ratio Lower Upper
152 100
115 54.8 28.6 85.9
150 155.6 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

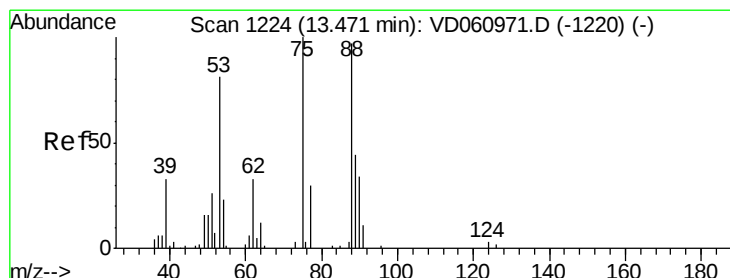
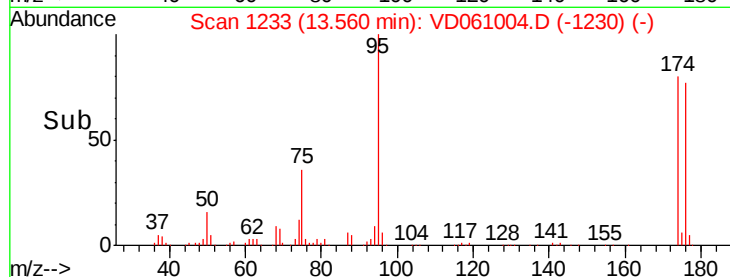
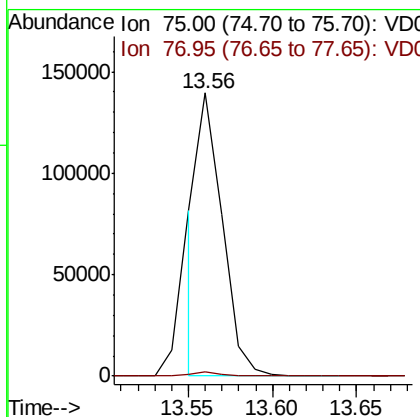
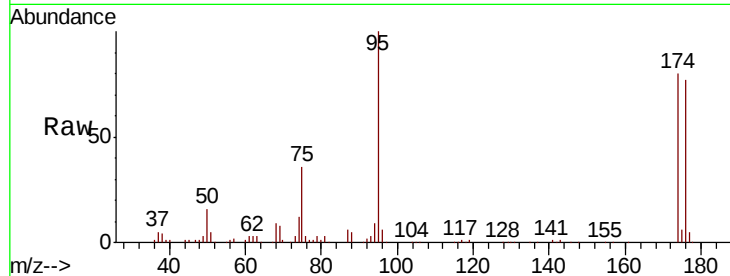




#76
 1,2,3-Trichloropropane
 Concen: 17.355 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16RE

Tot Ion: 75 Resp: 140878
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.306 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061004.D
 Acq: 11 Mar 2019 15:01

Tgt Ion: 75 Resp: 196970
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

