

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD061003.D
 Acq On : 11 Mar 2019 14:32
 Operator : VA/AP
 Sample : K1807-23RE
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17RE

Quant Time: Mar 12 05:42:49 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	7.08	168	755923	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1429816	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	1215090	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	580579	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	393619	62.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	125.12%	
35) Dibromofluoromethane	6.95	113	606181	57.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.26%	
50) Toluene-d8	10.43	98	1451647	54.48	ug/l	0.03
Spiked Amount 50.000			Recovery	=	108.96%	
62) 4-Bromofluorobenzene	13.57	95	522829	50.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.14%	

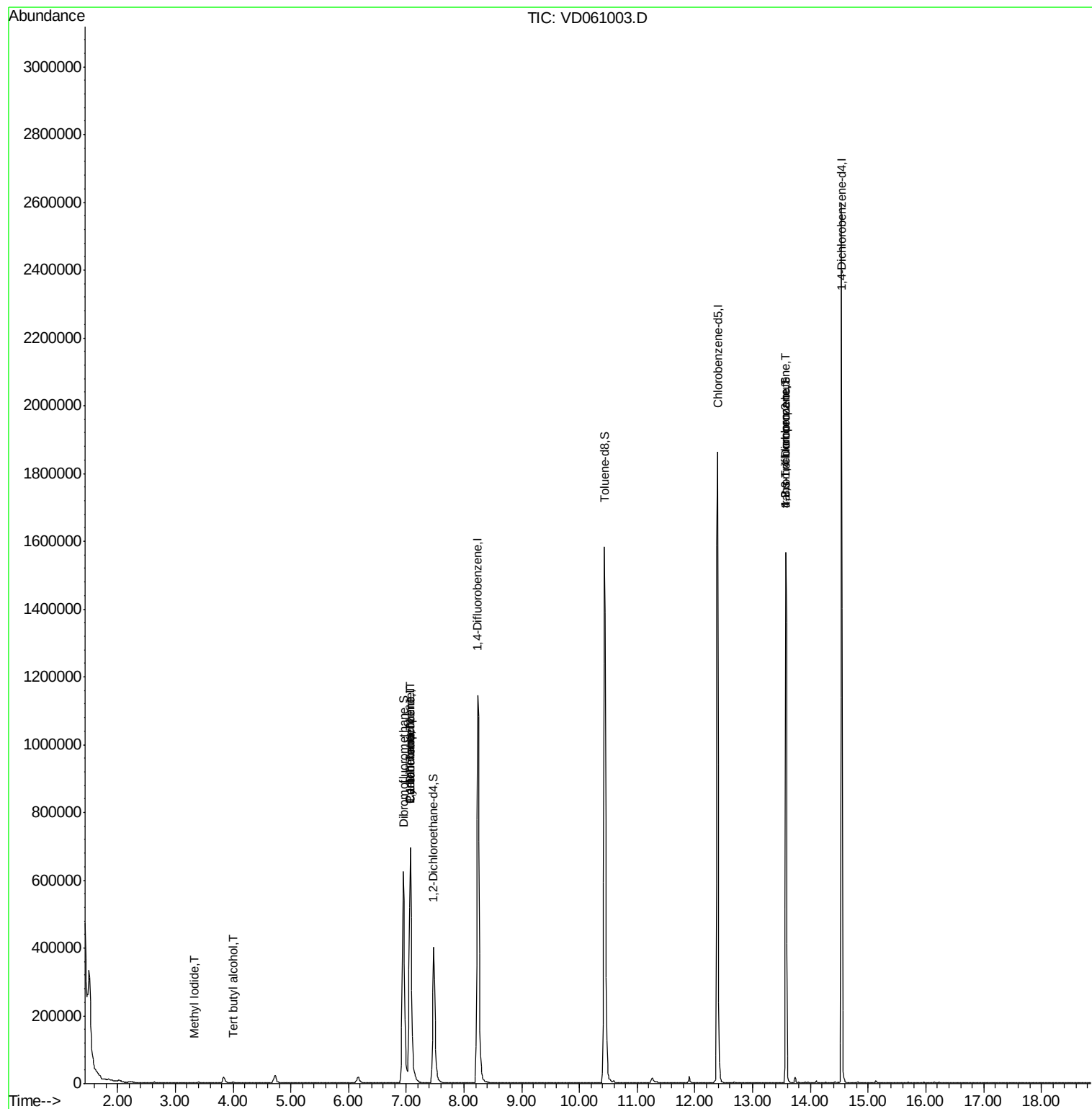
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	425	Below Cal	#	8
10) Methyl Iodide	3.34	142	1076	3.013	ug/l #	39
11) Tert butyl alcohol	4.01	59	2386	5.956	ug/l #	75
20) Methylene Chloride	3.84	84	15201	Below Cal		95
31) Cyclohexane	7.07	56	11914	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	55014	4.464	ug/l #	47
38) Carbon Tetrachloride	7.07	117	73487	5.413	ug/l #	15
76) 1,2,3-Trichloropropane	13.57	75	189935	22.739	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	189967	77.143	ug/l #	17

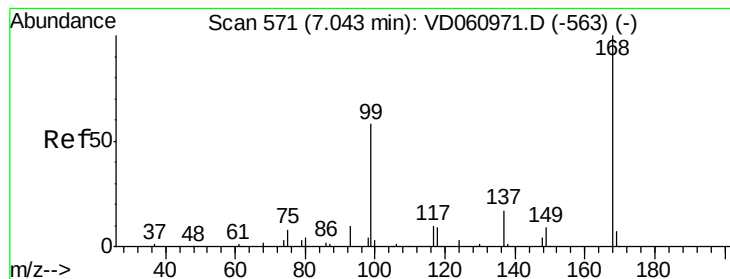
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061003.D

Acq: 11 Mar 2019 14:32

Instrument :

MSVOA_D

ClientSampleId :

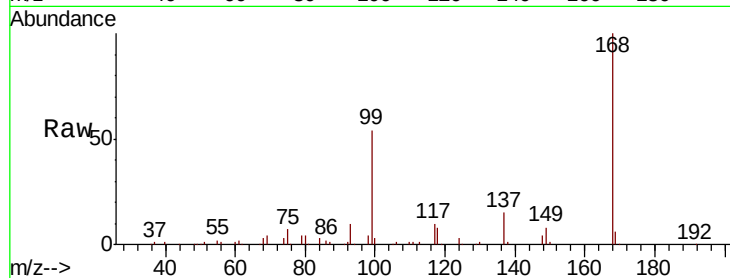
TP-17RE

Tot Ion:168 Resp: 755923

Ion Ratio Lower Upper

168 100

99 54.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.08

250000

200000

150000

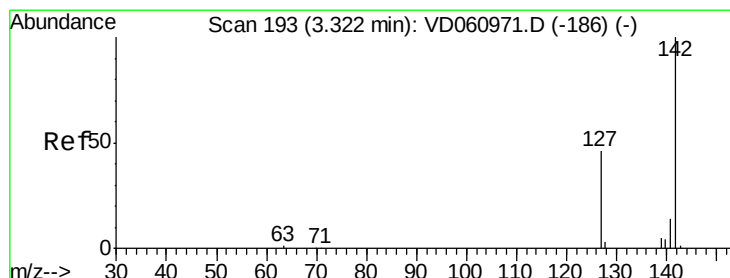
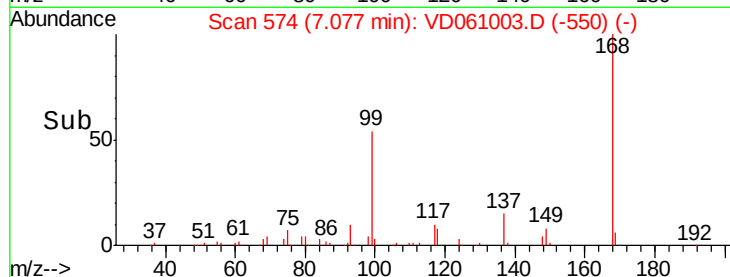
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.013 ug/l

RT: 3.34 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD061003.D

Acq: 11 Mar 2019 14:32

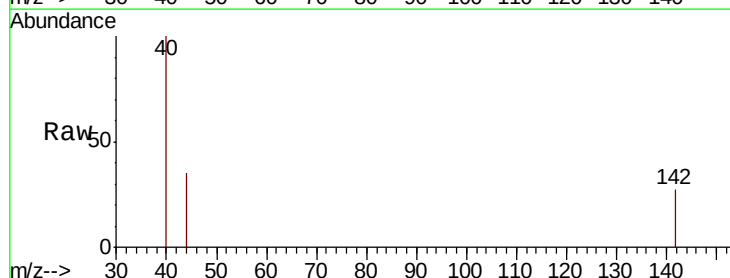
Tgt Ion:142 Resp: 1076

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

3.34

600

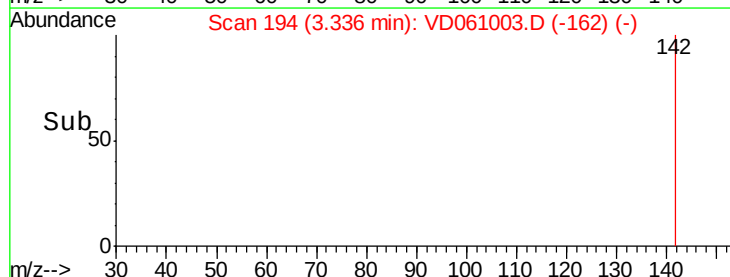
400

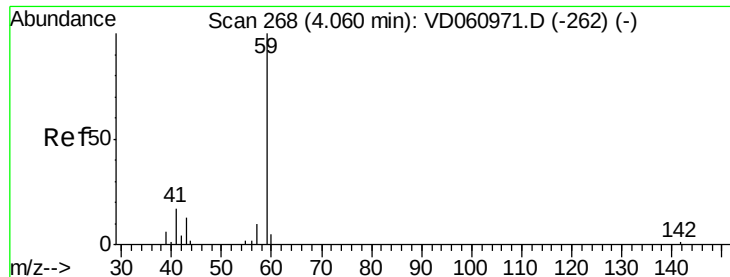
200

0

Time-->

3.30 3.35 3.40

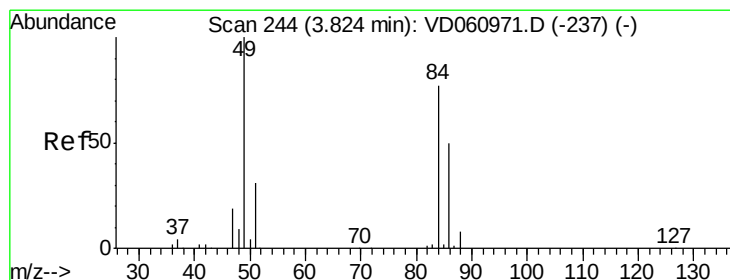
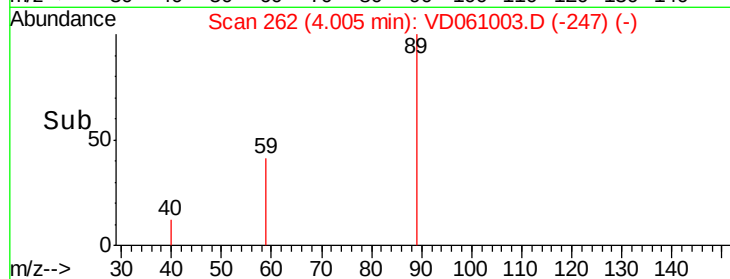
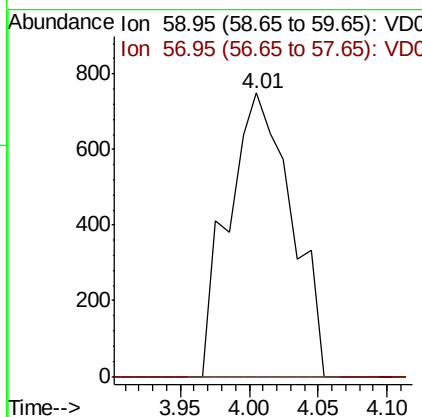
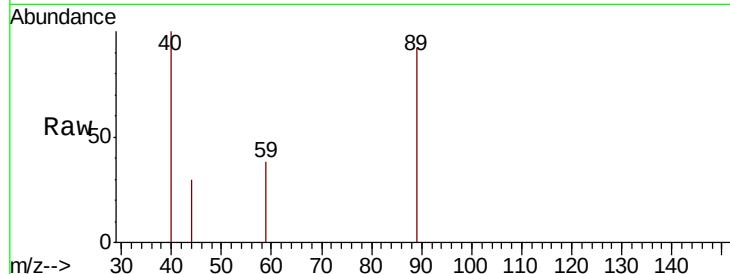




#11
Tert butyl alcohol
Concen: 5.956 ug/l
RT: 4.01 min Scan# 262
Delta R.T. -0.05 min
Lab File: VD061003.D
Acq: 11 Mar 2019 14:32

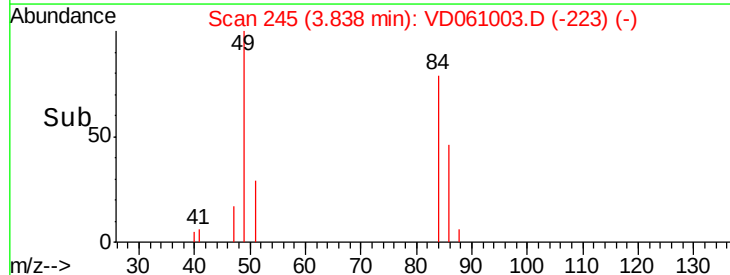
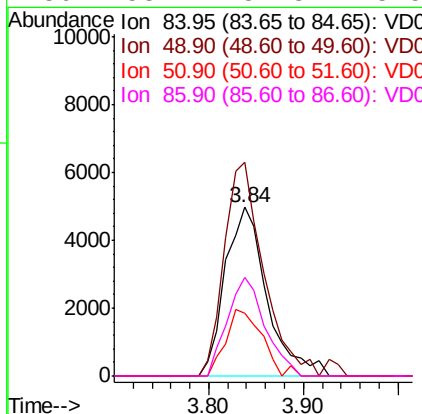
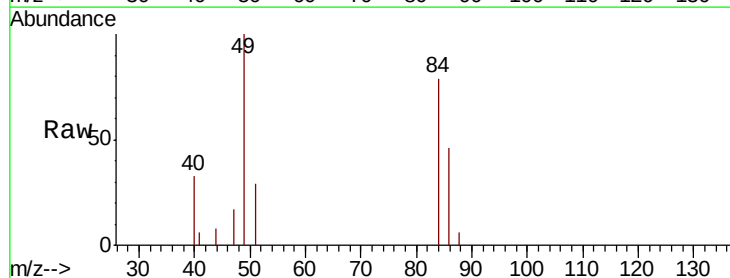
Instrument :
MSVOA_D
ClientSampleId :
TP-17RE

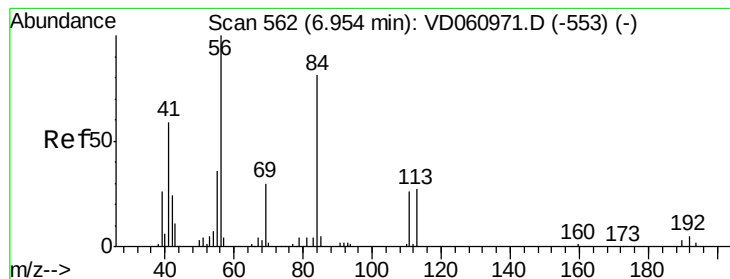
Tot Ion: 59 Resp: 2386
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.84 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061003.D
Acq: 11 Mar 2019 14:32

Tgt Ion: 84 Resp: 15201
Ion Ratio Lower Upper
84 100
49 126.7 104.2 156.2
51 37.4 32.3 48.5
86 58.7 52.3 78.5





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.11 min

Lab File: VD061003.D

Acq: 11 Mar 2019 14:32

Instrument :

MSVOA_D

ClientSampled :

TP-17RE

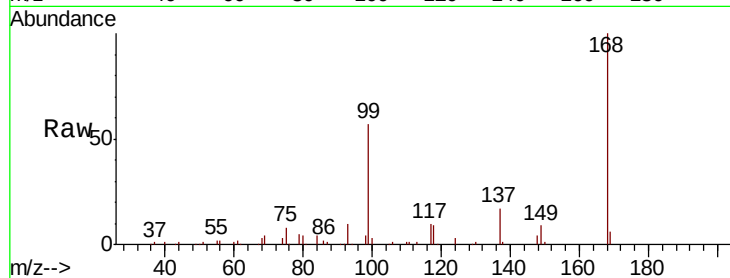
Tot Ion: 56 Resp: 11914

Ion Ratio Lower Upper

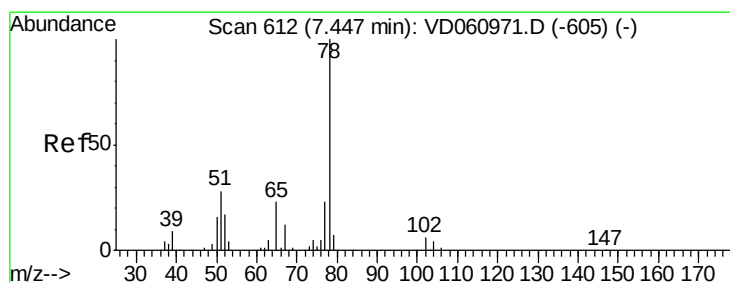
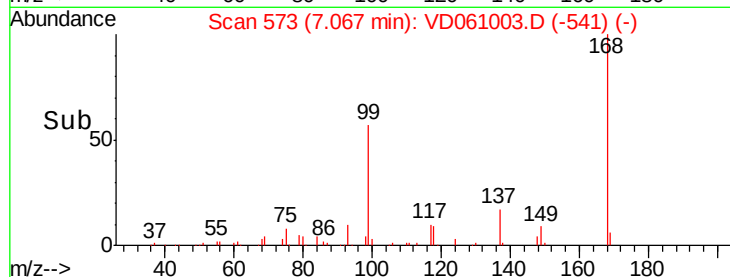
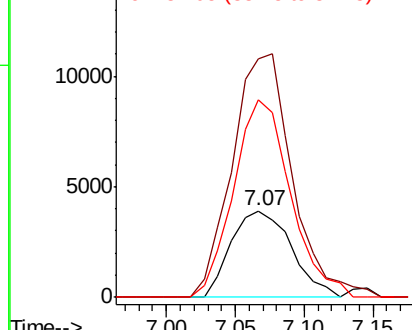
56 100

69 275.9 24.0 36.0#

84 228.6 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: VD061003.D

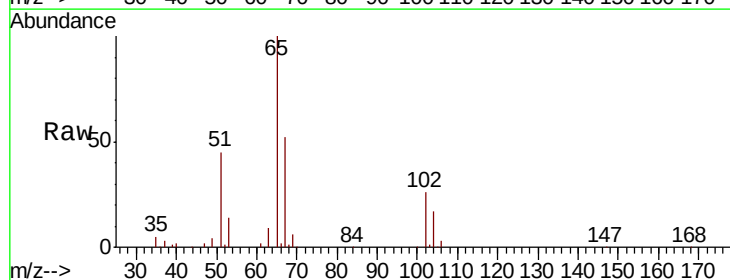
Acq: 11 Mar 2019 14:32

Tgt Ion: 65 Resp: 393619

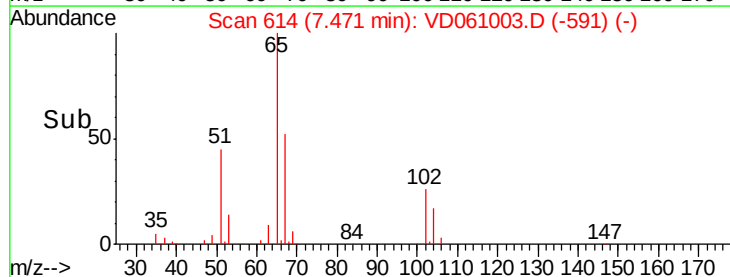
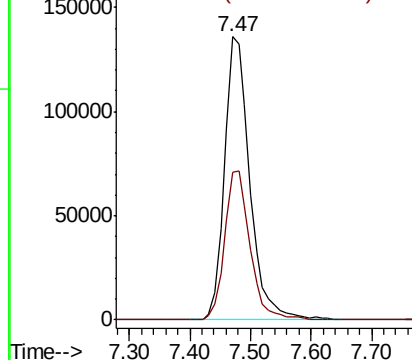
Ion Ratio Lower Upper

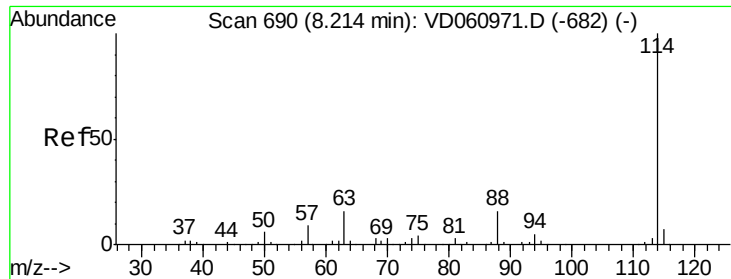
65 100

67 52.0 0.0 105.2



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

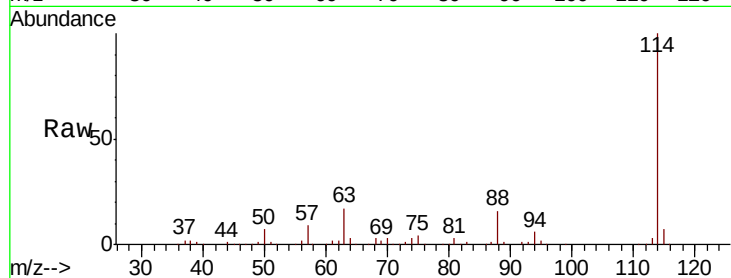




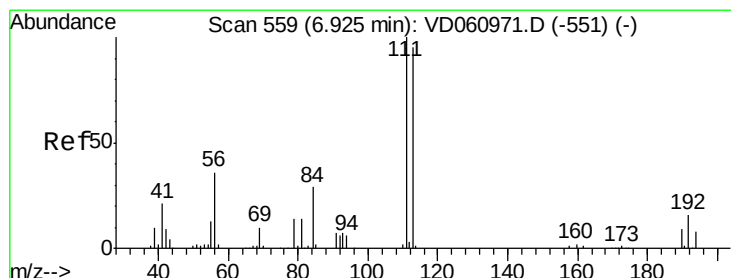
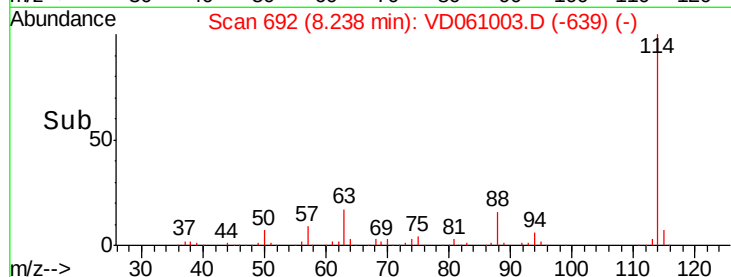
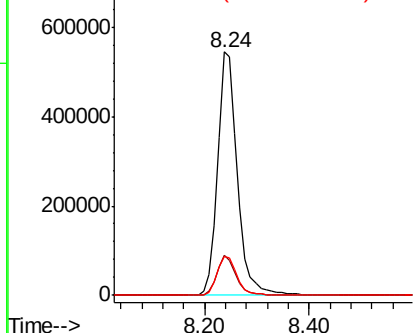
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17RE

Tot Ion:114 Resp: 1429816
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.4
 88 16.2 0.0 33.0

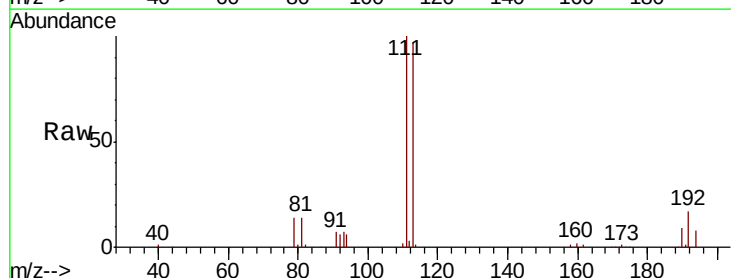


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

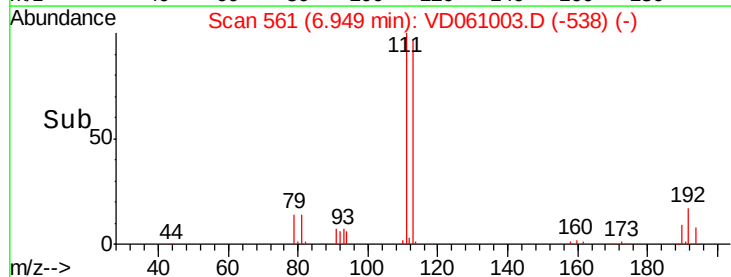
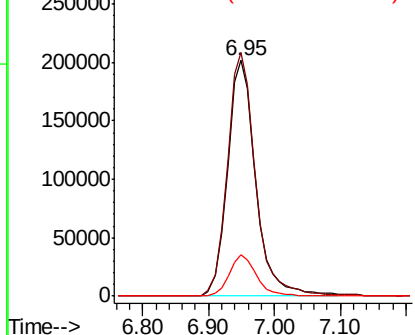


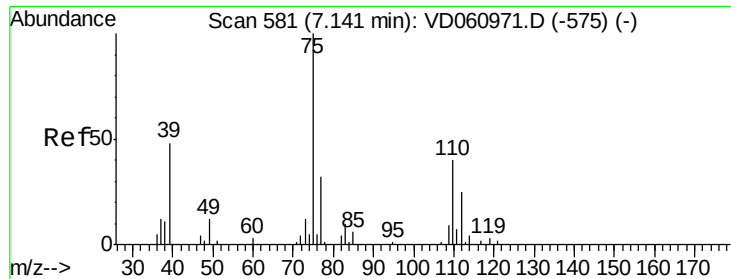
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

Tgt Ion:113 Resp: 606181
 Ion Ratio Lower Upper
 113 100
 111 103.3 84.2 126.4
 192 17.5 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

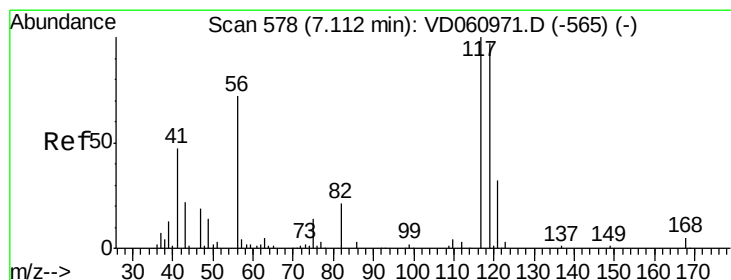
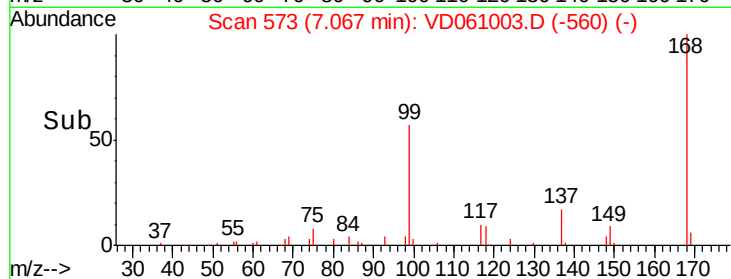
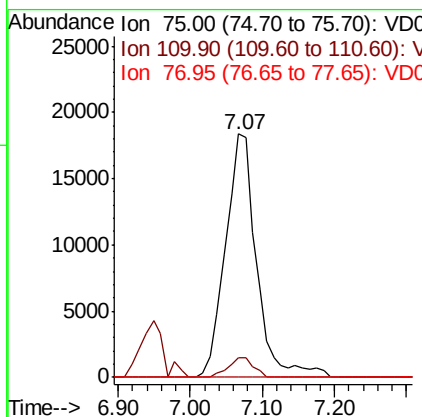
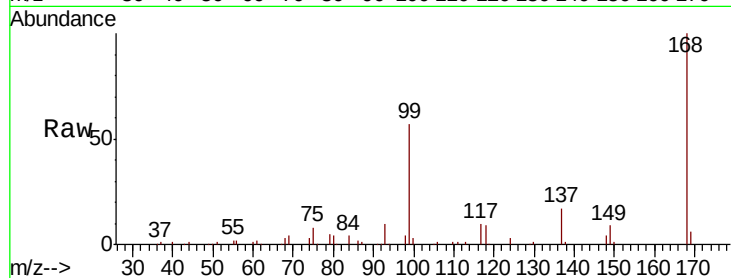




#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.07 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

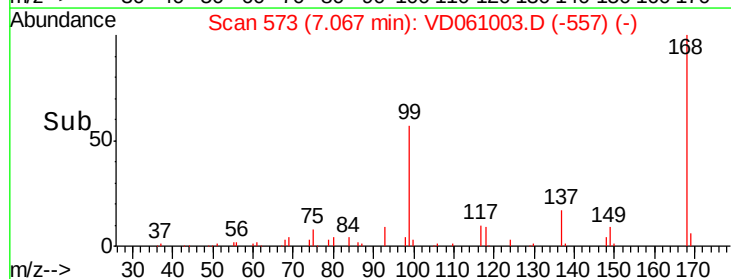
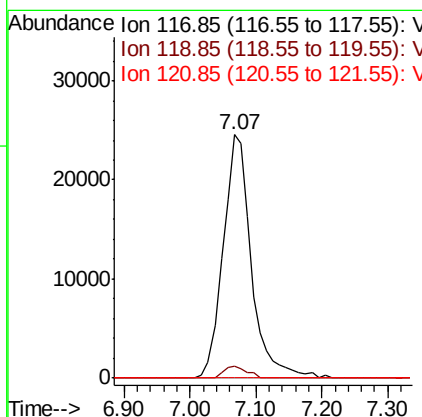
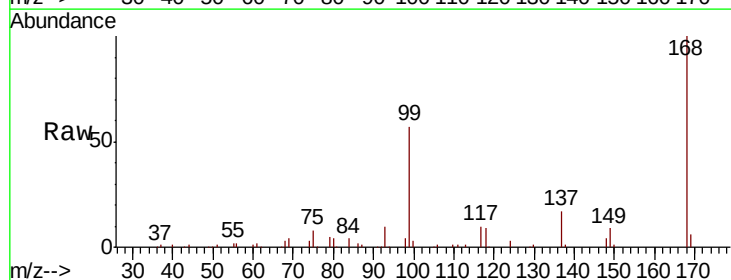
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17RE

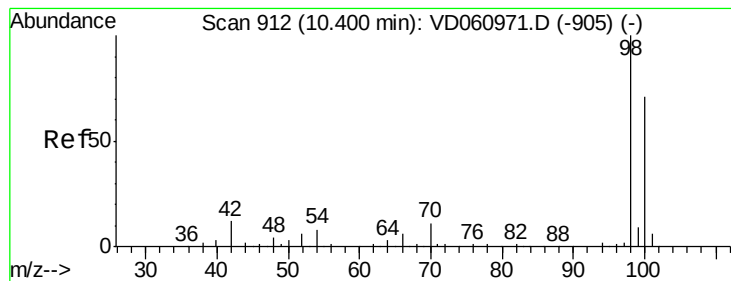
Tot Ion	75	Resp	55014
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.413 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.04 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

Tgt Ion	117	Resp	73487
Ion Ratio	100	Lower	Upper
117	100		
119	4.8	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: VD061003.D

Acq: 11 Mar 2019 14:32

Instrument :

MSVOA_D

ClientSampleId :

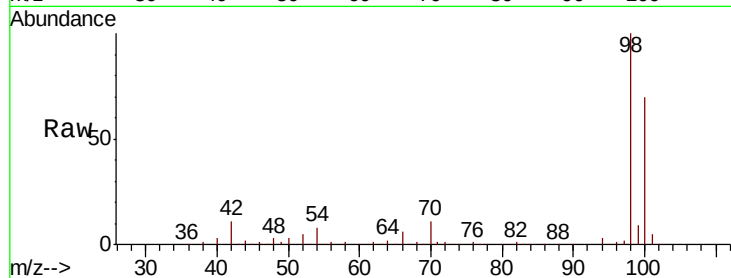
TP-17RE

Tot Ion: 98 Resp: 1451647

Ion Ratio Lower Upper

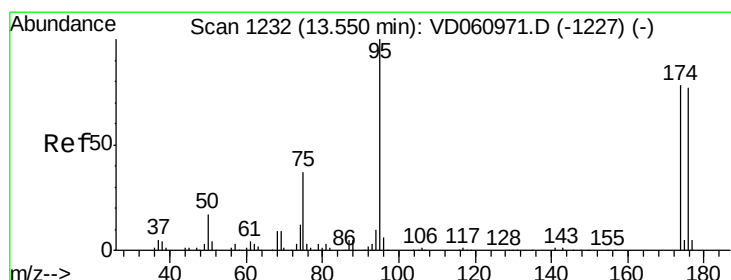
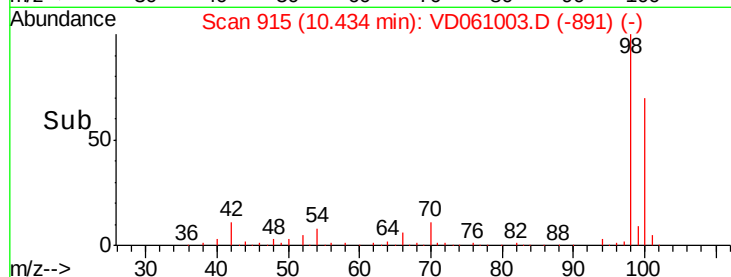
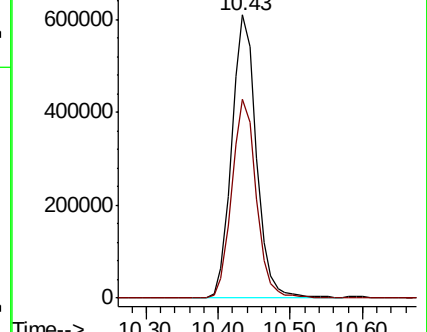
98 100

100 70.1 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: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061003.D

Acq: 11 Mar 2019 14:32

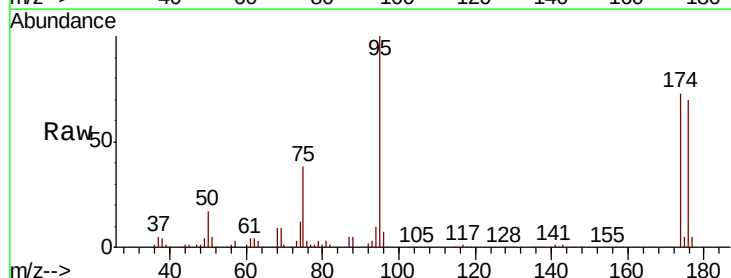
Tgt Ion: 95 Resp: 522829

Ion Ratio Lower Upper

95 100

174 72.6 0.0 155.6

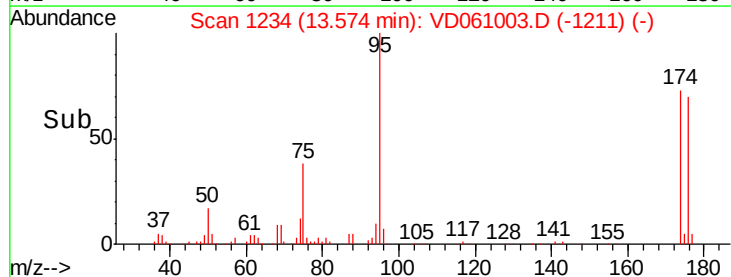
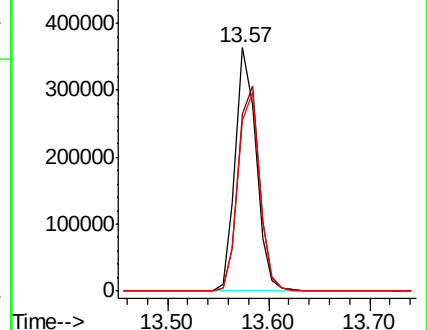
176 70.2 0.0 153.8

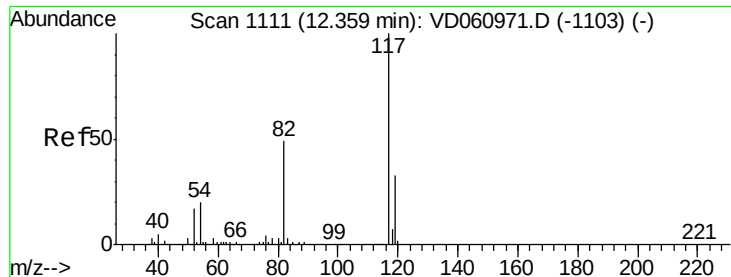


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

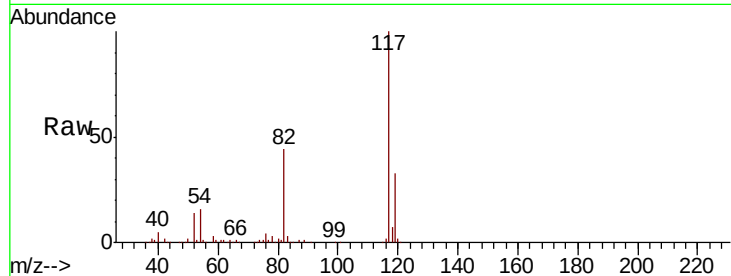




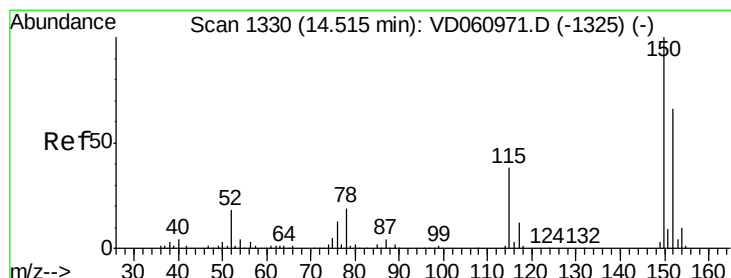
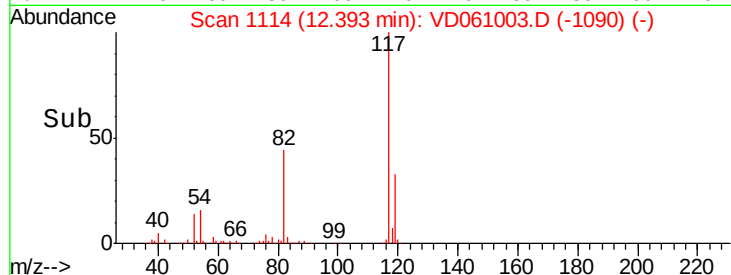
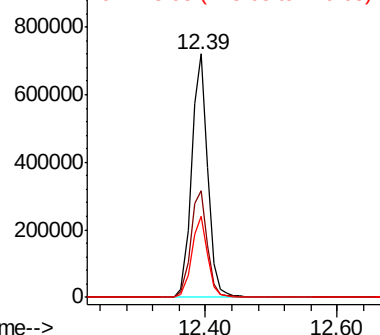
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061003.D
Acq: 11 Mar 2019 14:32

Instrument :
MSVOA_D
ClientSampleId :
TP-17RE

Tot Ion:117 Resp: 1215090
Ion Ratio Lower Upper
117 100
82 43.6 38.9 58.3
119 33.1 26.6 39.8

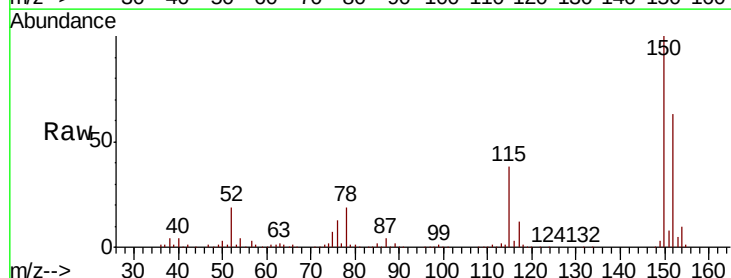


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

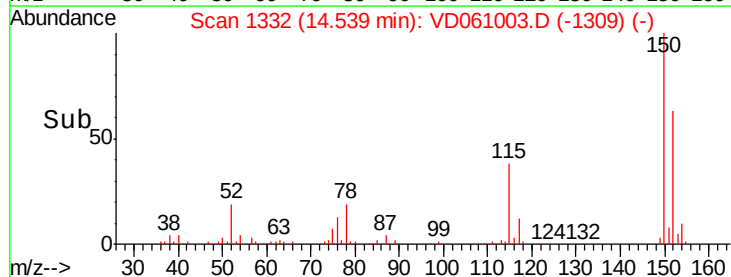
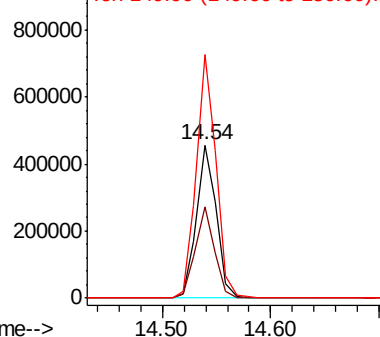


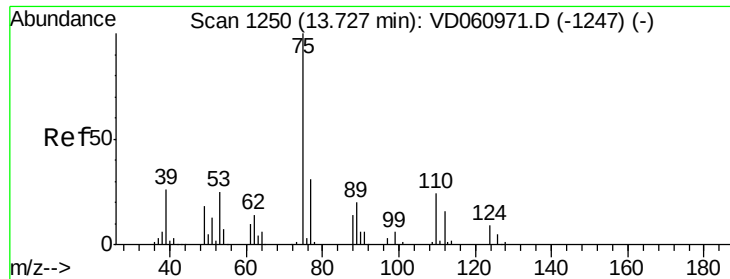
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061003.D
Acq: 11 Mar 2019 14:32

Tgt Ion:152 Resp: 580579
Ion Ratio Lower Upper
152 100
115 59.7 28.6 85.9
150 159.1 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

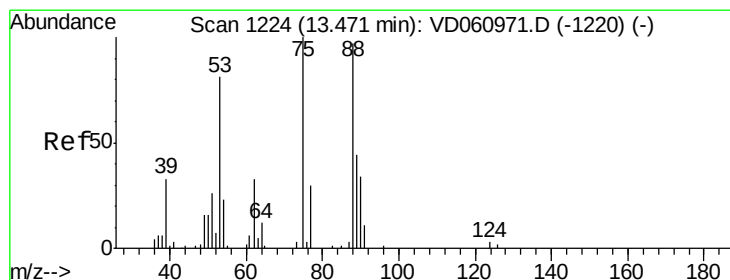
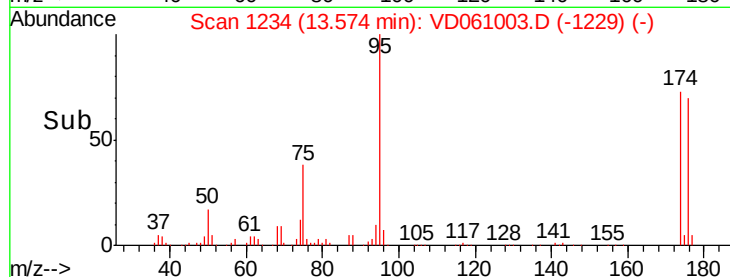
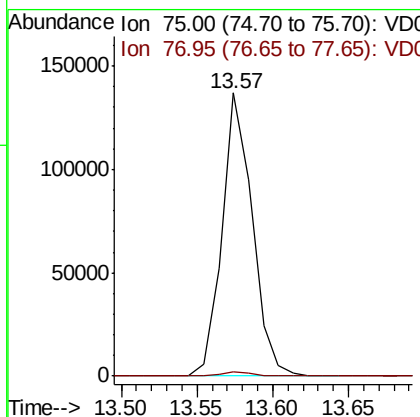
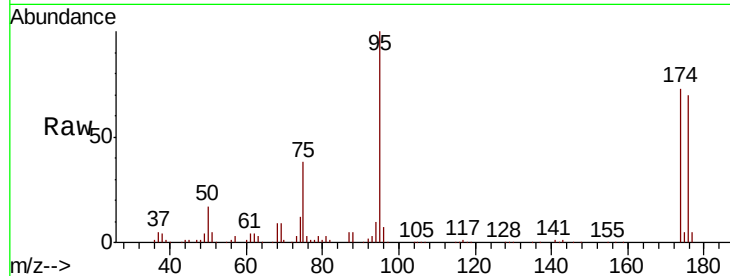




#76
 1,2,3-Trichloropropane
 Concen: 22.739 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. -0.15 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17RE

Tot Ion: 75 Resp: 189935
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.143 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.10 min
 Lab File: VD061003.D
 Acq: 11 Mar 2019 14:32

Tgt Ion: 75 Resp: 189967
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

