

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061948.D
 Acq On : 22 Apr 2019 19:39
 Operator : VA/AP
 Sample : K2484-05
 Misc : 7.58g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Quant Time: Apr 22 23:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	11393	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	27144	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	23668	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	12675	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	15492	162.25	ug/l	0.01
Spiked Amount			Recovery	=	324.50%	
35) Dibromofluoromethane	6.94	113	13379	65.24	ug/l	0.02
Spiked Amount			Recovery	=	130.48%	
50) Toluene-d8	10.42	98	18404	37.88	ug/l	0.01
Spiked Amount			Recovery	=	75.76%	
62) 4-Bromofluorobenzene	13.57	95	10214	51.86	ug/l	0.01
Spiked Amount			Recovery	=	103.72%	

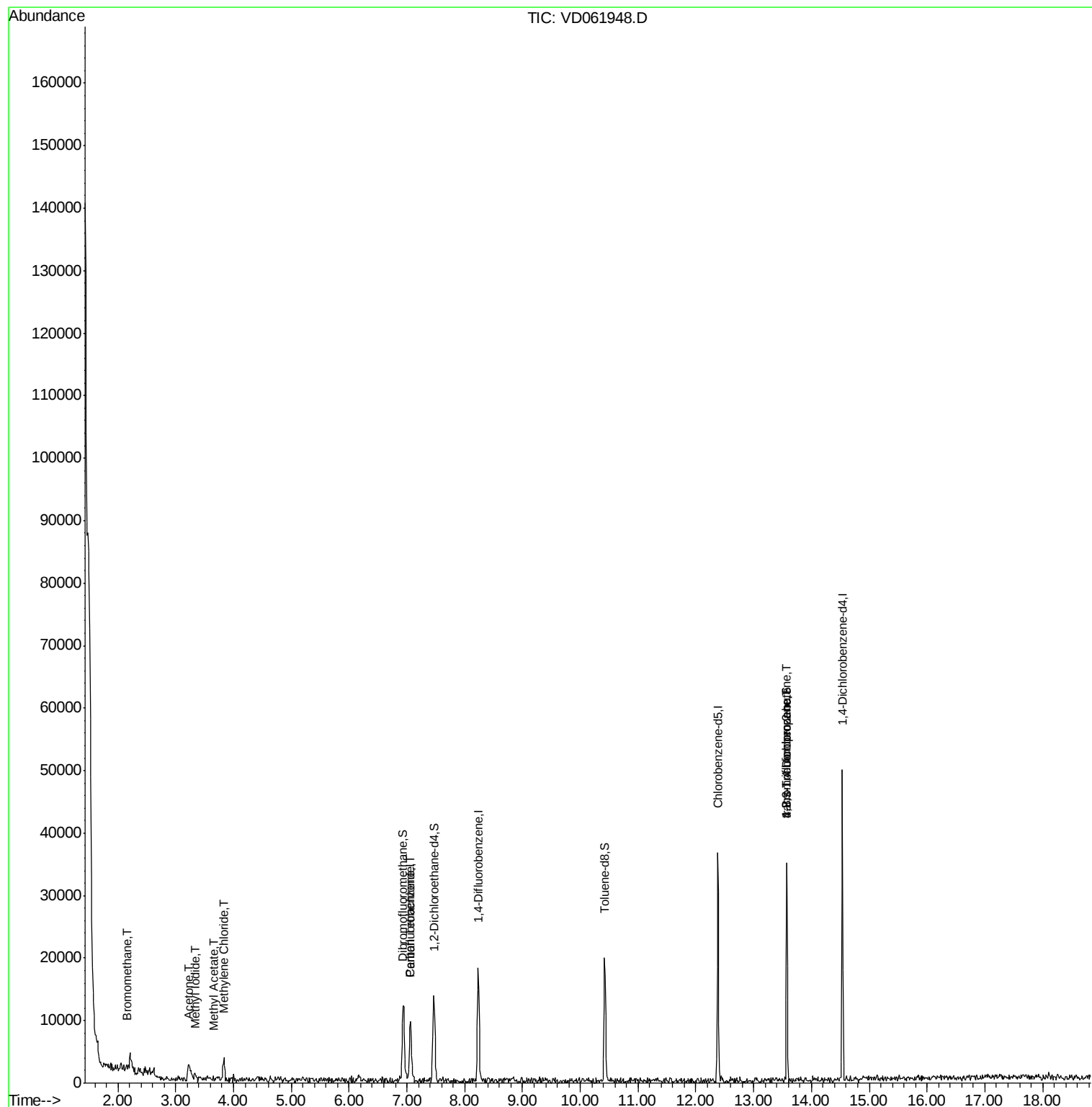
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	227	8.474	ug/l #	1
10) Methyl Iodide	3.33	142	980	8.002	ug/l #	37
16) Acetone	3.22	43	5163	219.392	ug/l	95
18) Methyl Acetate	3.66	43	252	5.343	ug/l #	53
20) Methylene Chloride	3.83	84	1865	12.503	ug/l	92
38) Carbon Tetrachloride	7.05	117	584	2.085	ug/l #	12
76) 1,2,3-Trichloropropane	13.57	75	3224	19.368	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.57	75	4323	78.124	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042219\
Data File : VD061948.D
Acq On : 22 Apr 2019 19:39
Operator : VA/AP
Sample : K2484-05
Misc : 7.58g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Quant Time: Apr 22 23:34:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

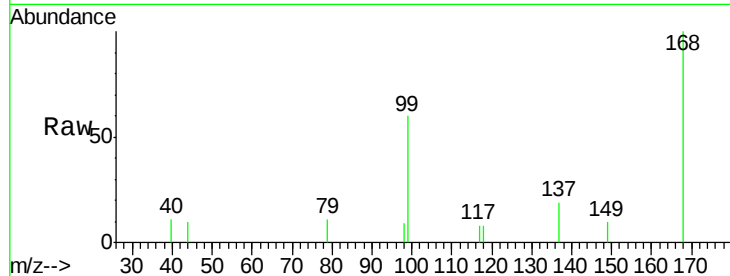
RT-1873

Tot Ion:168 Resp: 11393

Ion Ratio Lower Upper

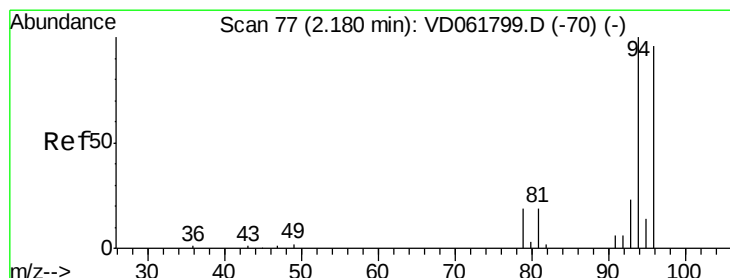
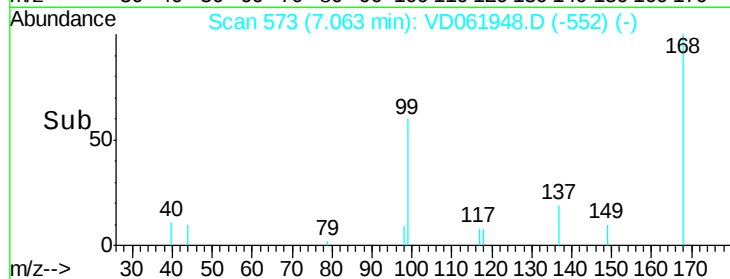
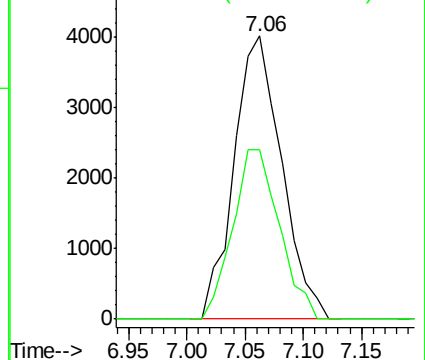
168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 8.474 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

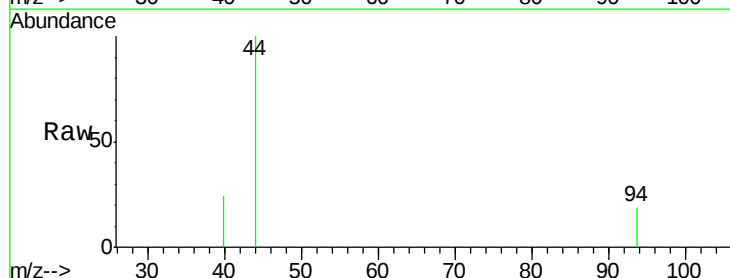
Tgt Ion: 94 Resp: 227

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

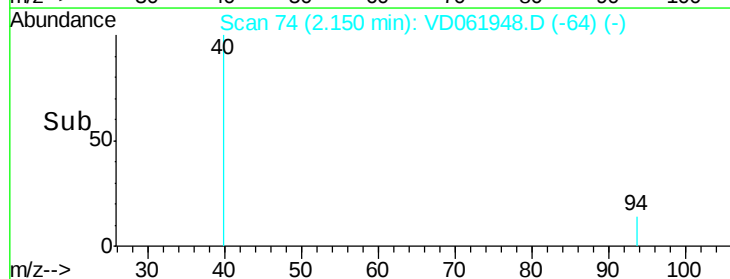
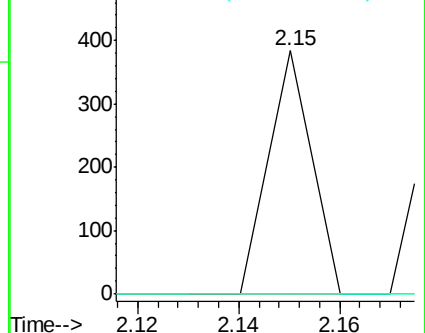
93 100.0 18.5 27.7#

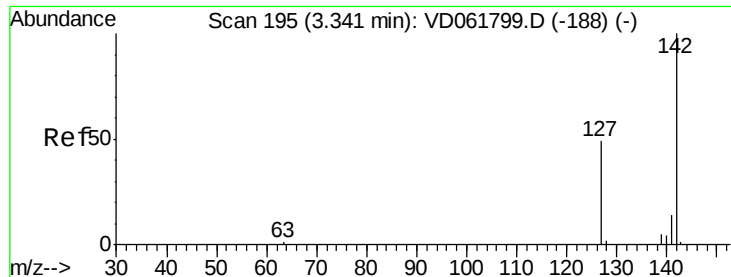


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

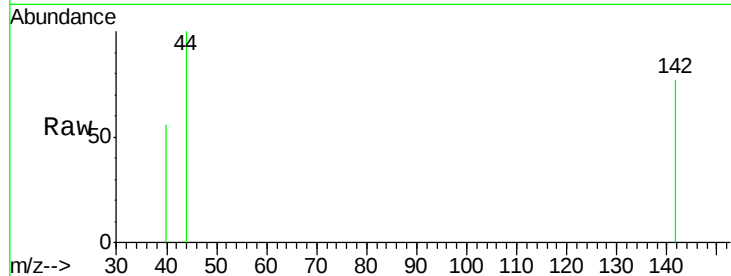




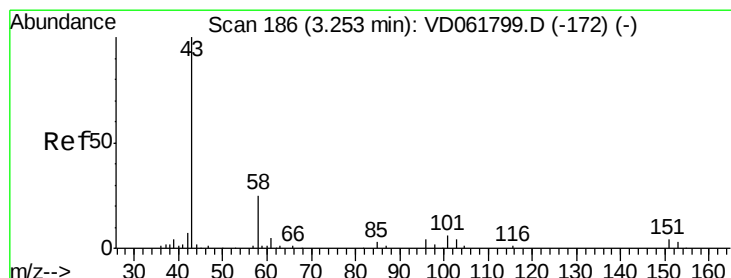
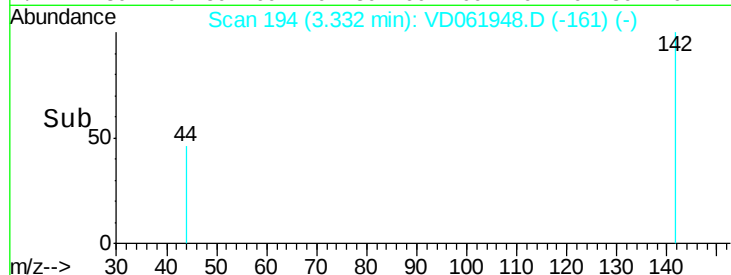
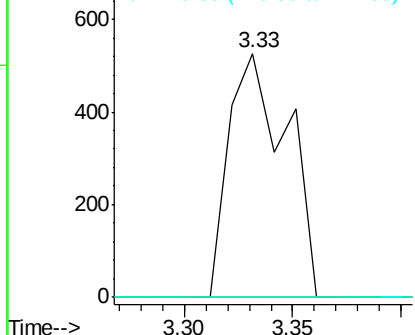
#10
Methvl Iodide
Concen: 8.002 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.02 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tot Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

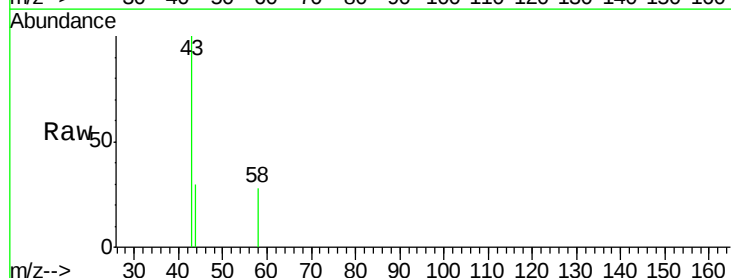


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

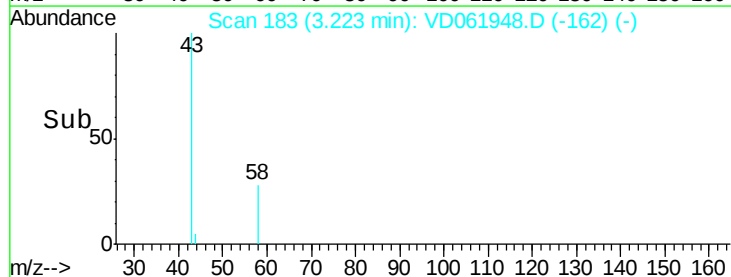
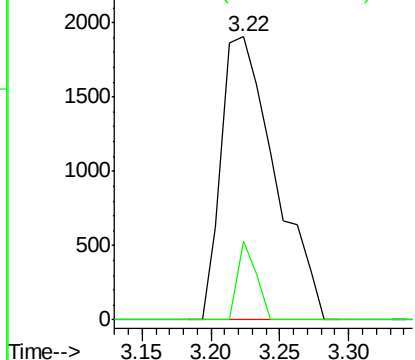


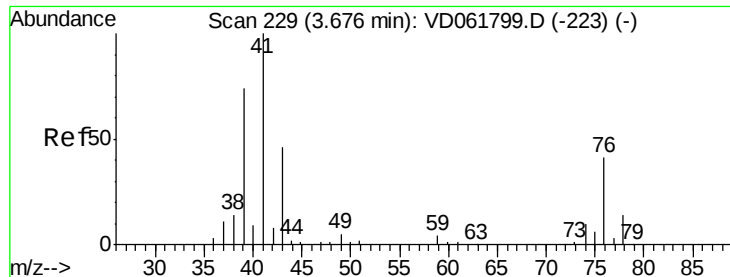
#16
Acetone
Concen: 219.392 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Tgt Ion: 43 Resp: 5163
Ion Ratio Lower Upper
43 100
58 27.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V

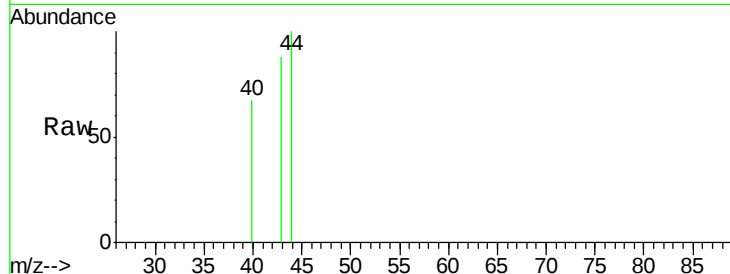




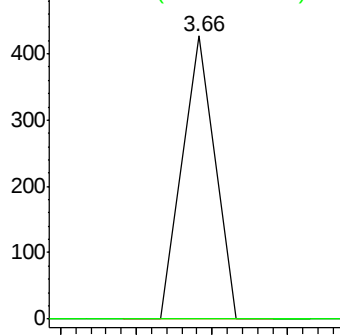
#18
Methvl Acetate
Concen: 5.343 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.02 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

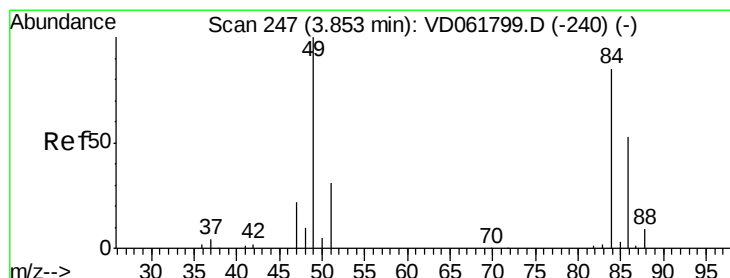
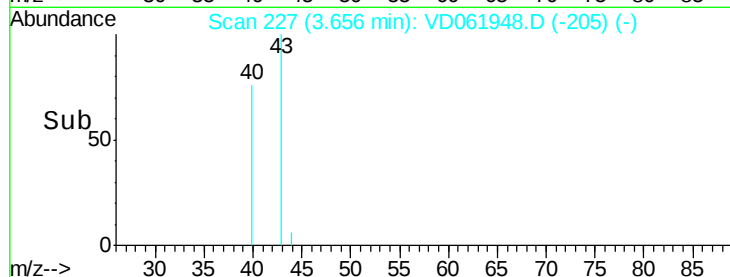
Tot Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

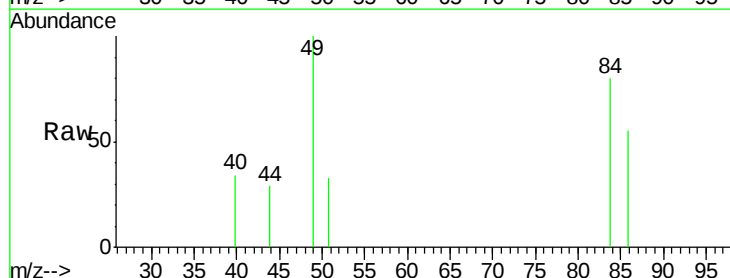


Time-->

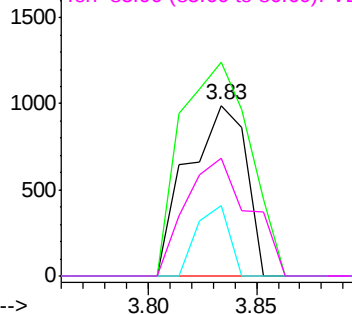


#20
Methylene Chloride
Concen: 12.503 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

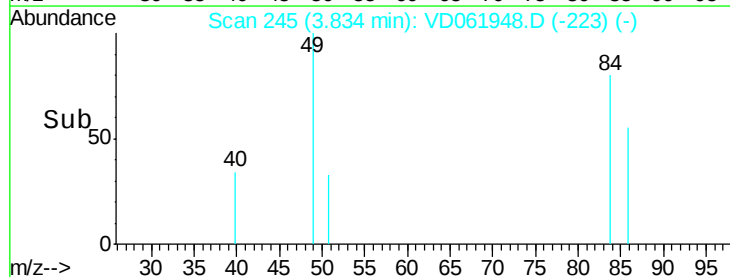
Tgt Ion: 84 Resp: 1865
Ion Ratio Lower Upper
84 100
49 125.0 94.0 141.0
51 41.1 29.0 43.4
86 69.1 49.8 74.6

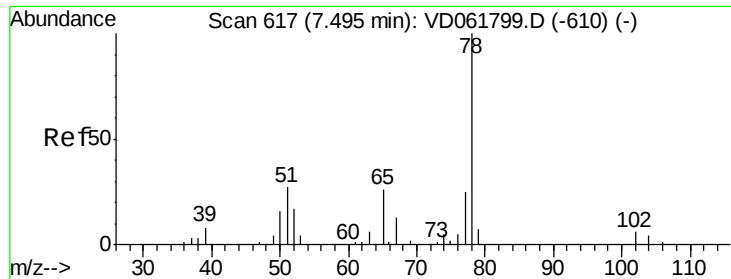


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

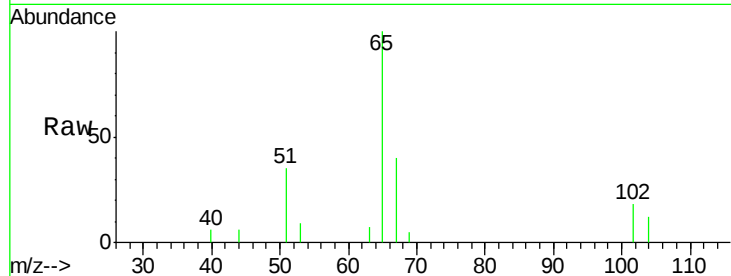
Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tot Ion: 65 Resp: 15492

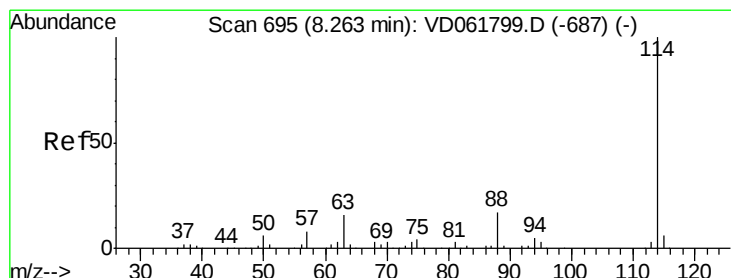
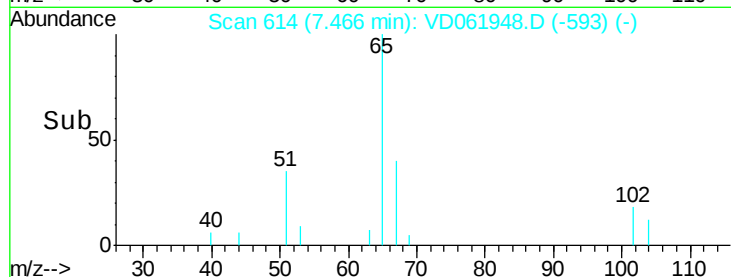
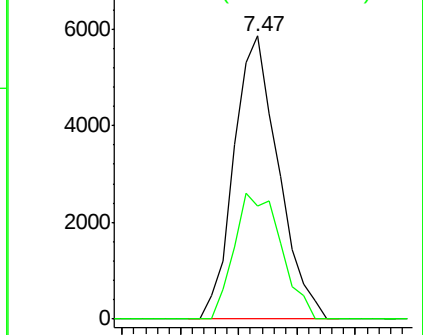
Ion Ratio Lower Upper

65 100

67 40.1 0.0 98.0



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. 0.01 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

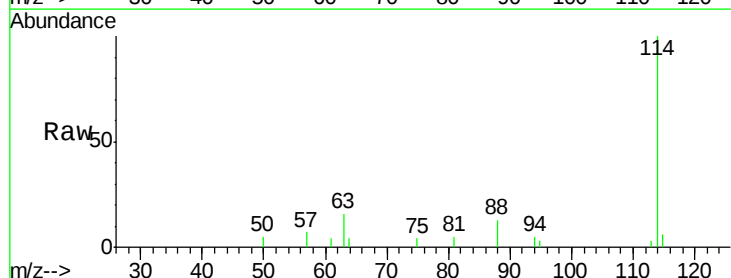
Tgt Ion: 114 Resp: 27144

Ion Ratio Lower Upper

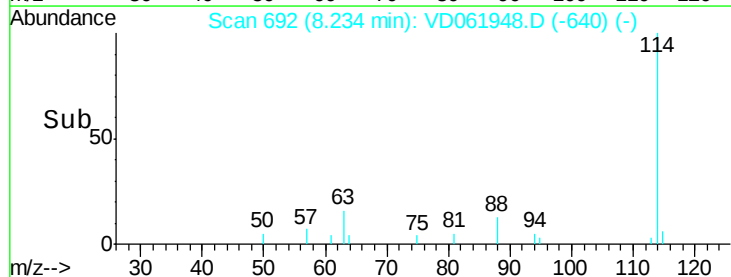
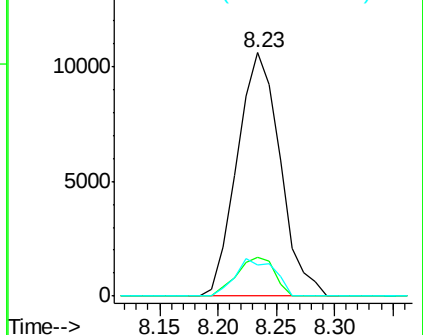
114 100

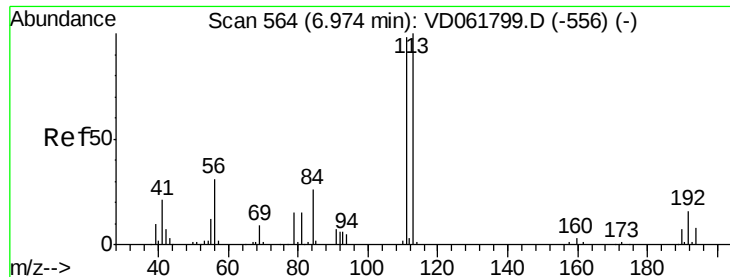
63 15.9 0.0 32.4

88 13.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC
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: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

RT-1873

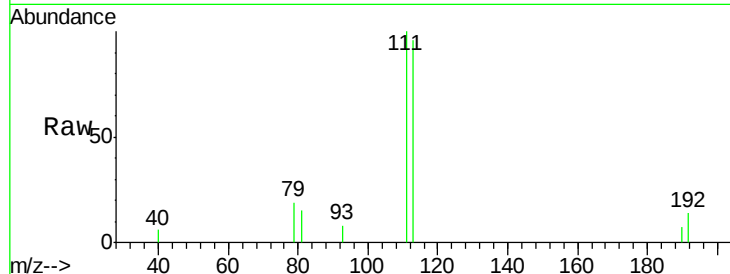
Tot Ion:113 Resp: 13379

Ion Ratio Lower Upper

113 100

111 103.7 78.5 117.7

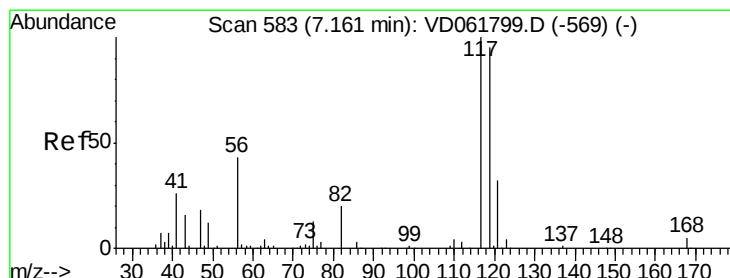
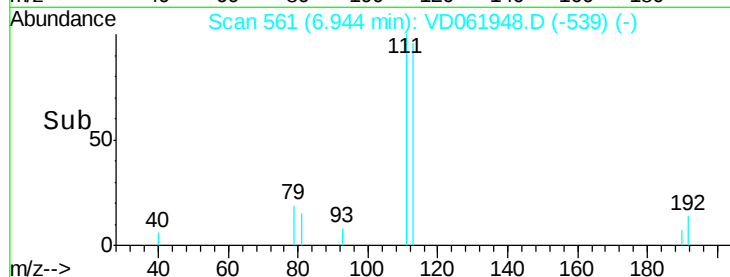
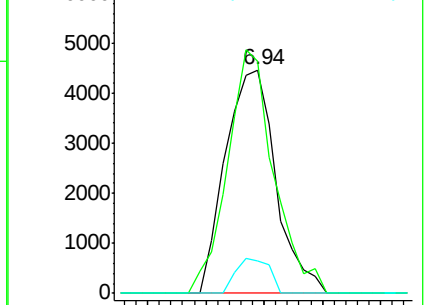
192 14.4 13.0 19.4



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



#38

Carbon Tetrachloride

Concen: 2.085 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061948.D

Acq: 22 Apr 2019 19:39

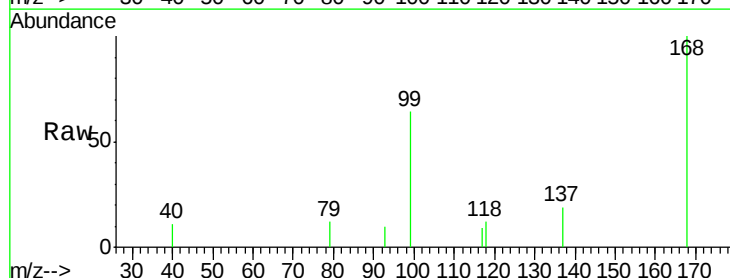
Tgt Ion:117 Resp: 584

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

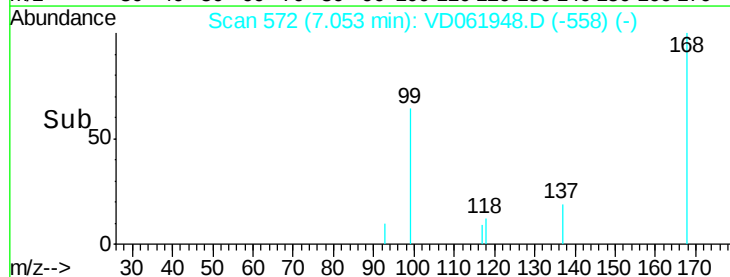
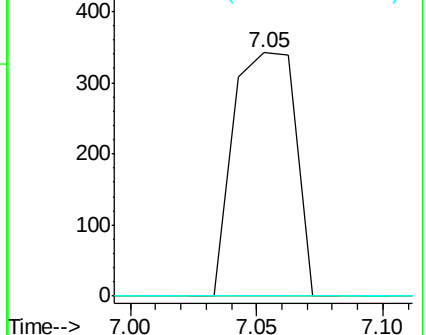
121 0.0 25.9 38.9#

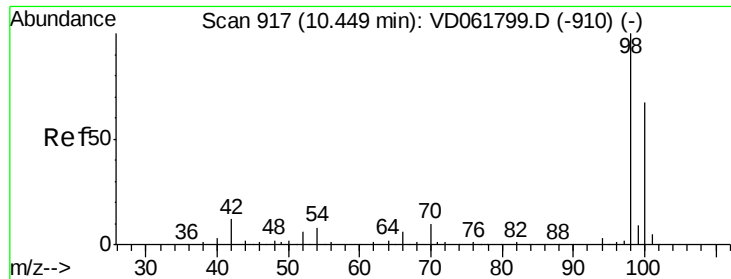


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

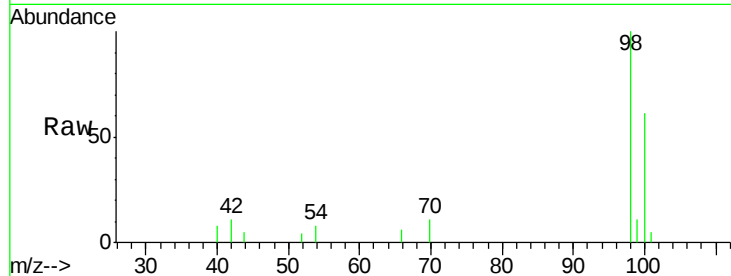




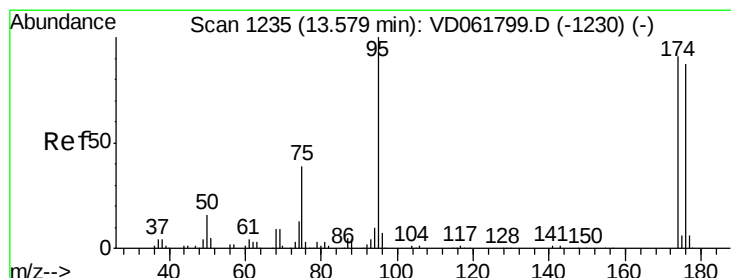
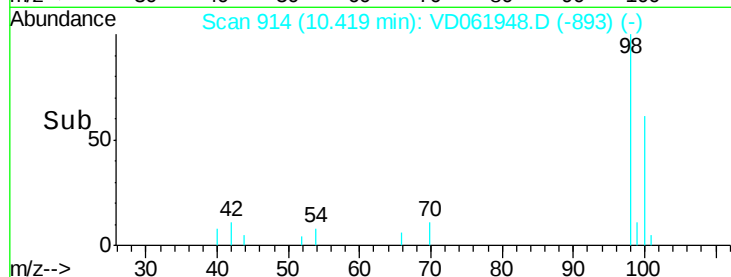
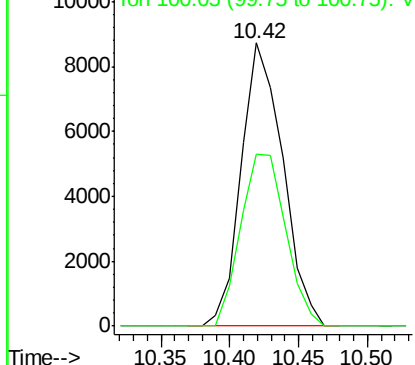
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tot Ion: 98 Resp: 18404
Ion Ratio Lower Upper
98 100
100 60.8 53.8 80.8

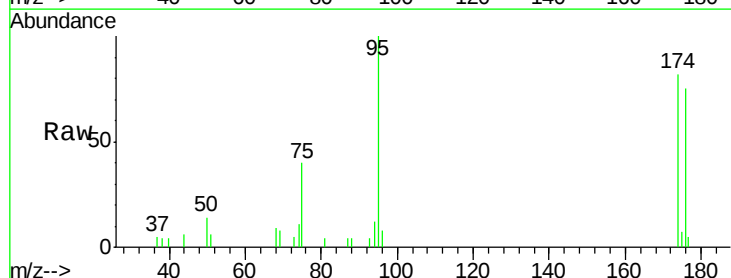


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

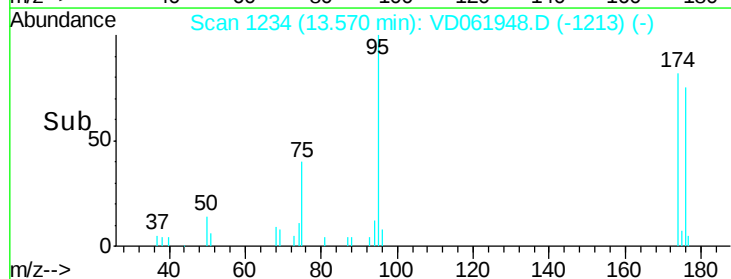
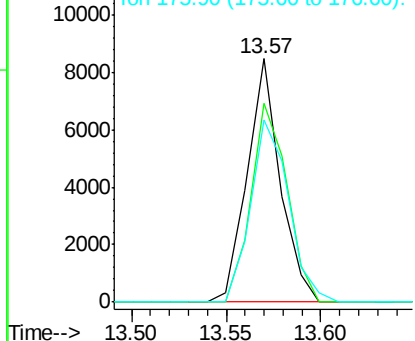


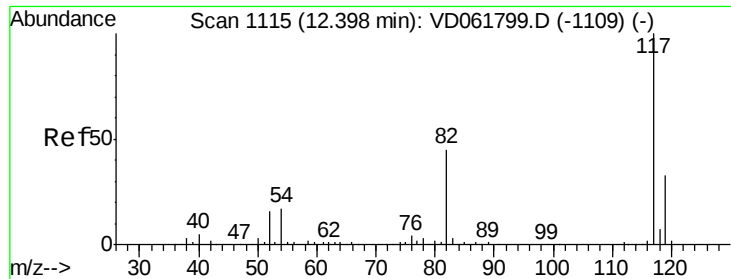
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Tgt Ion: 95 Resp: 10214
Ion Ratio Lower Upper
95 100
174 81.5 0.0 181.8
176 74.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)
Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

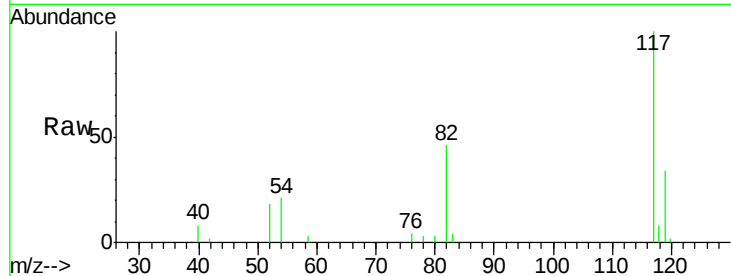




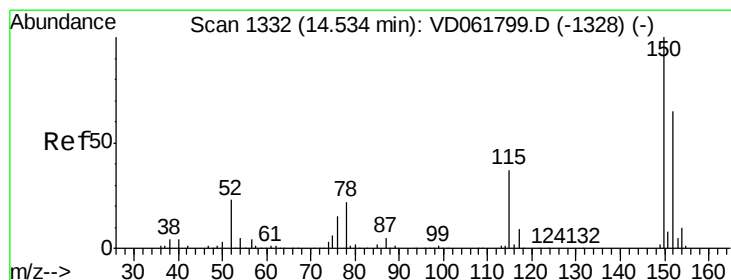
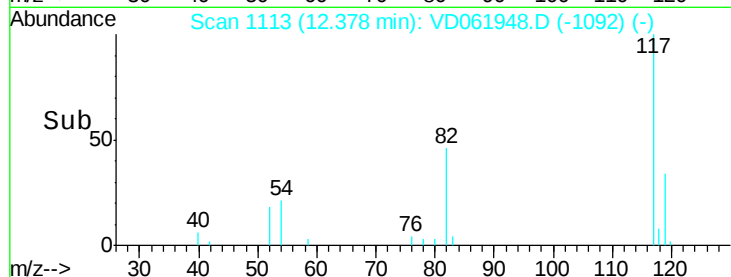
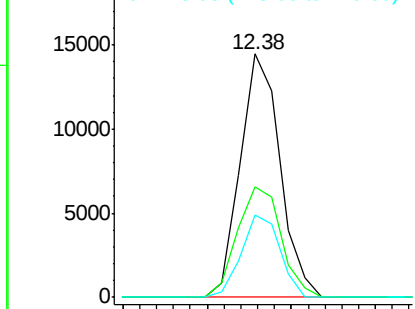
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tot Ion:117 Resp: 23668
Ion Ratio Lower Upper
117 100
82 45.5 36.2 54.2
119 33.6 26.2 39.4

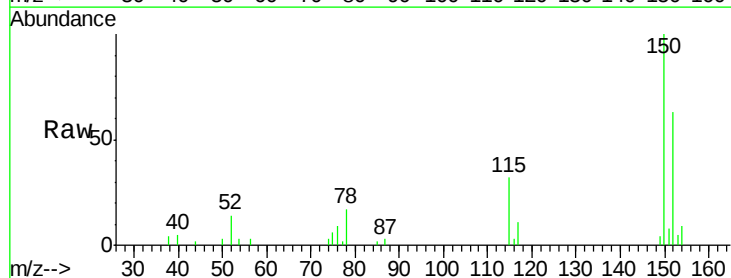


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

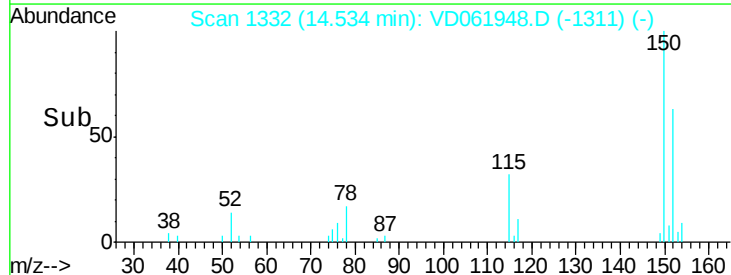
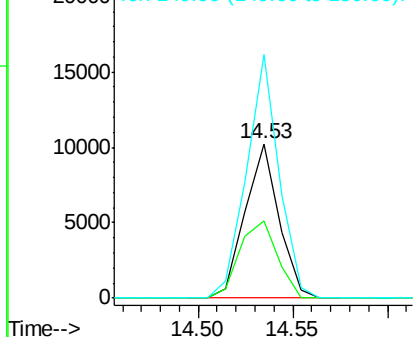


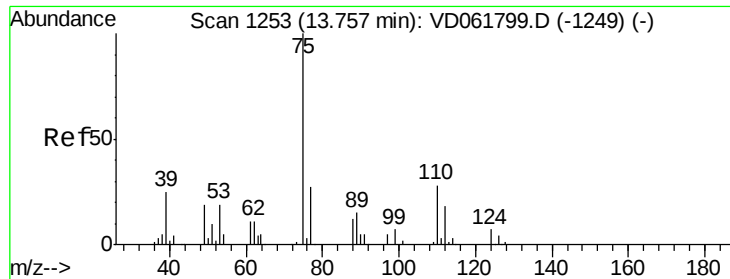
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD061948.D
Acq: 22 Apr 2019 19:39

Tgt Ion:152 Resp: 12675
Ion Ratio Lower Upper
152 100
115 49.9 30.9 92.7
150 158.1 0.0 314.8



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

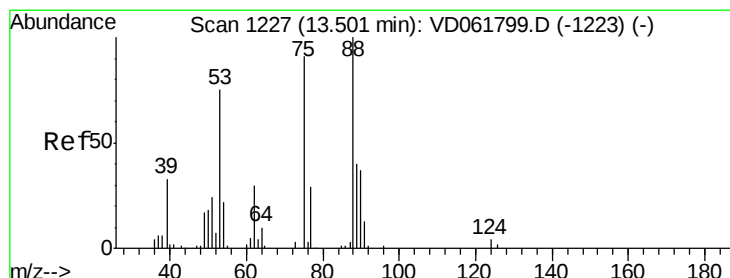
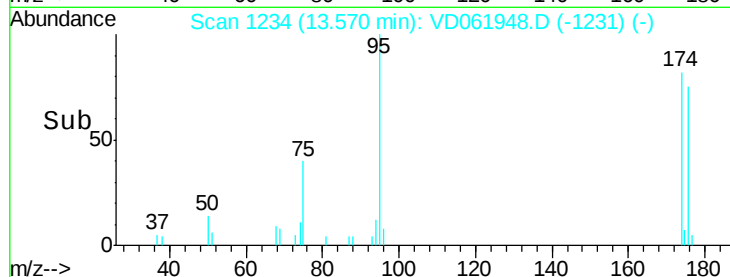
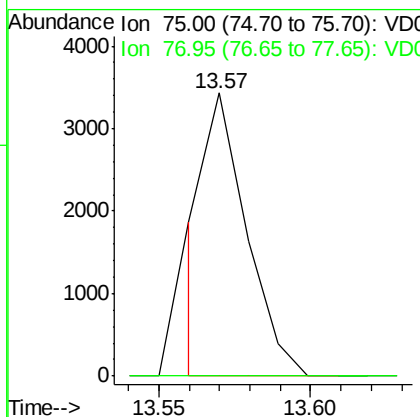
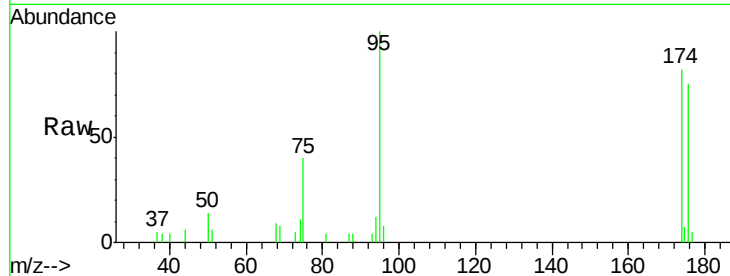




#76
 1,2,3-Trichloropropane
 Concen: 19.368 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. -0.17 min
 Lab File: VD061948.D
 Acq: 22 Apr 2019 19:39

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Tot Ion: 75 Resp: 3224
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.124 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.10 min
 Lab File: VD061948.D
 Acq: 22 Apr 2019 19:39

Tgt Ion: 75 Resp: 4323
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

