

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061934.D
 Acq On : 22 Apr 2019 12:56
 Operator : VA/AP
 Sample : VD0422SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 23:29:57 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	7.05	168	655634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1046831	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	845031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	379673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	282918	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	6.93	113	427023	53.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.41	98	1000653	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	13.56	95	392538	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	

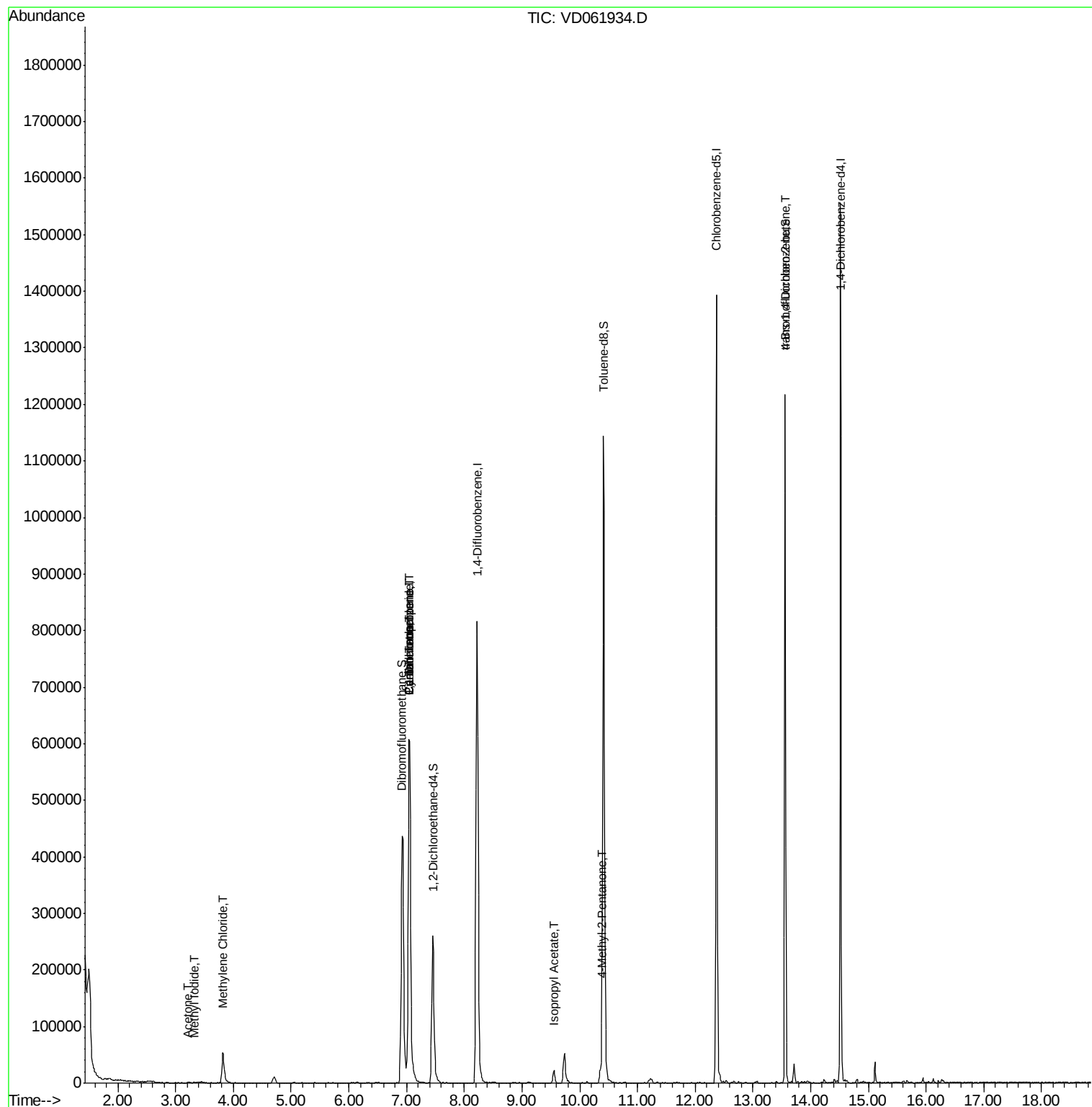
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	2337	Below Cal	#	12
10) Methyl Iodide	3.31	142	718	3.572	ug/l #	37
16) Acetone	3.22	43	3040	2.245	ug/l #	50
20) Methylene Chloride	3.82	84	41884	1.800	ug/l #	94
31) Cyclohexane	7.05	56	11948	1.436	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	49342	5.768	ug/l #	47
38) Carbon Tetrachloride	7.05	117	62022	5.742	ug/l #	15
43) Isopropyl Acetate	9.54	43	15613	3.030	ug/l #	43
51) 4-Methyl-2-Pentanone	10.37	43	3708	1.177	ug/l #	92
81) trans-1,4-Dichloro-2-buten	13.55	75	148707	89.223	ug/l #	16

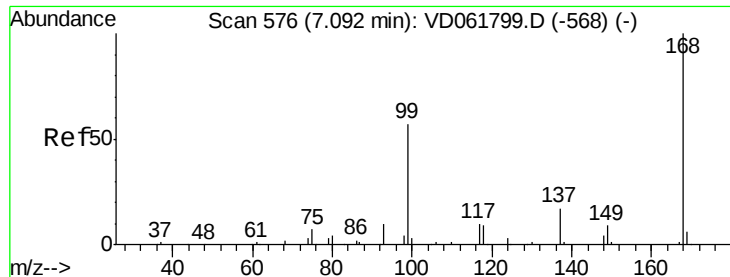
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042219\
Data File : VD061934.D
Acq On : 22 Apr 2019 12:56
Operator : VA/AP
Sample : VD0422SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 22 23:29:57 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: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

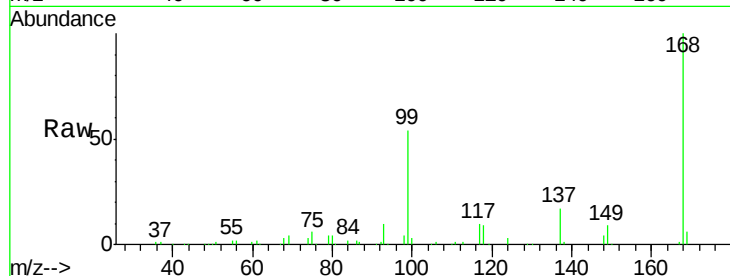
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 655634

Ion Ratio Lower Upper

168 100

99 53.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

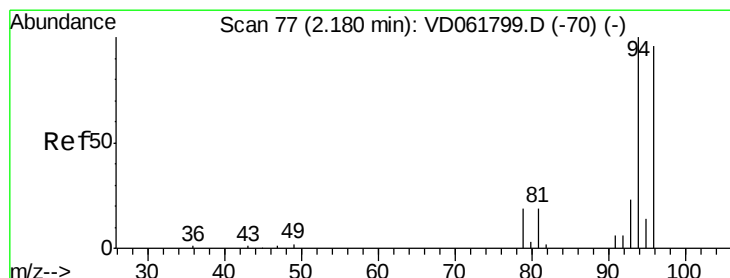
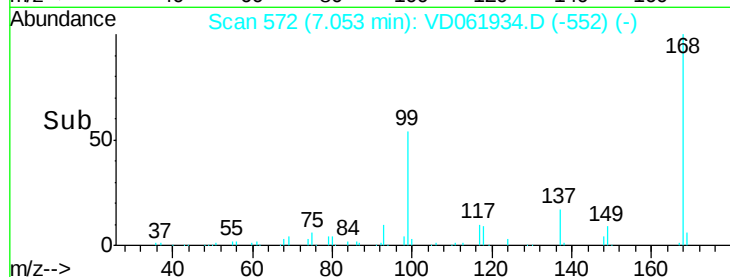
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.19 min Scan# 78

Delta R.T. 0.04 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

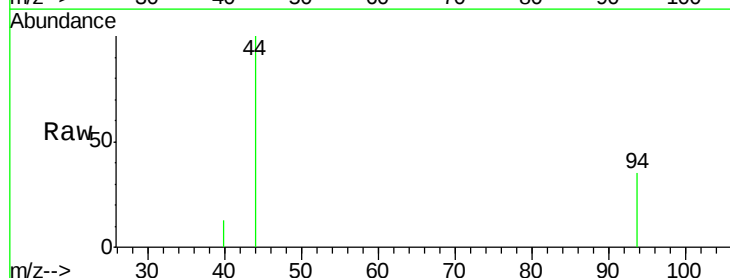
Tgt Ion: 94 Resp: 2337

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 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

2.19

1000

800

600

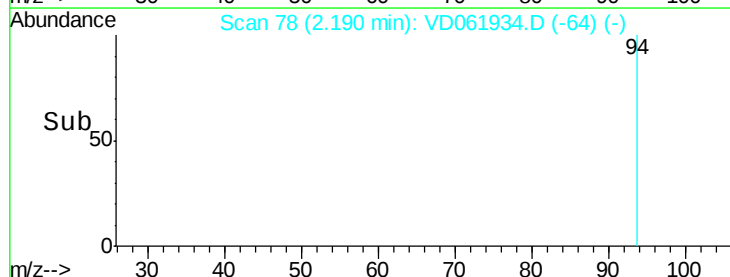
400

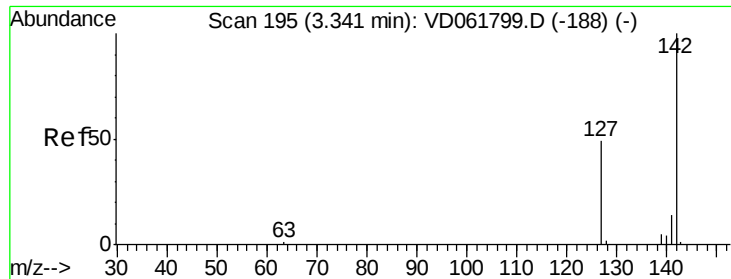
200

0

2.10 2.15 2.20

Time-->

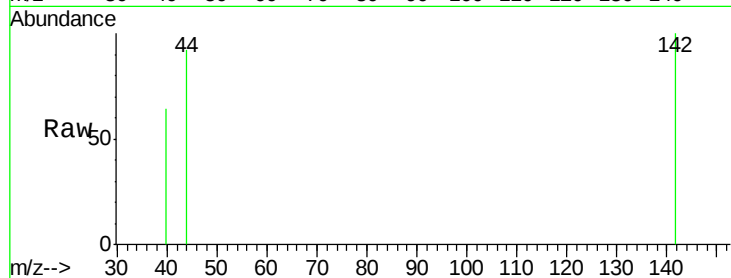




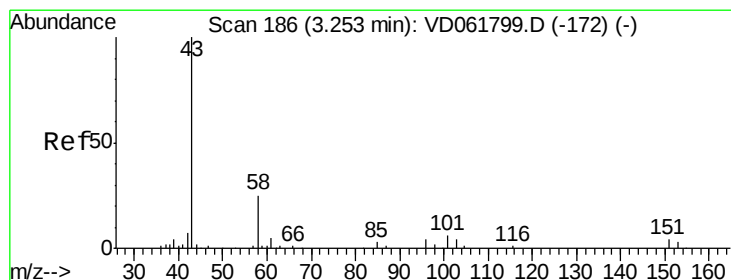
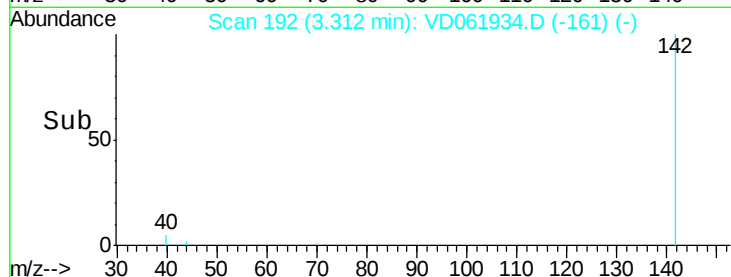
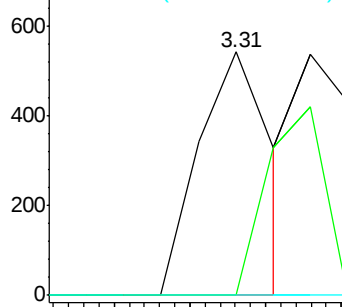
#10
Methvl Iodide
Concen: 3.572 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

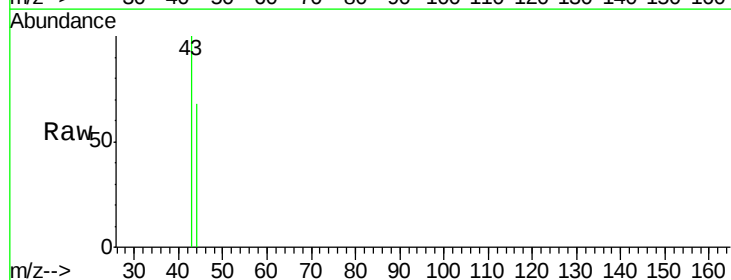


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

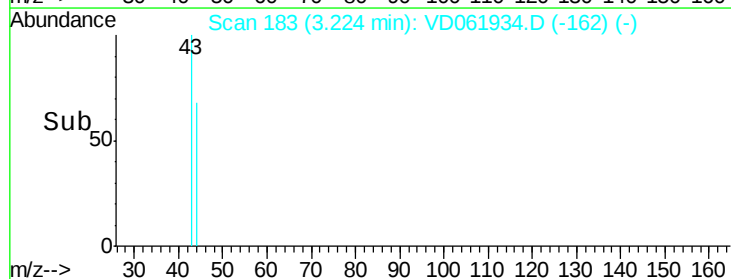
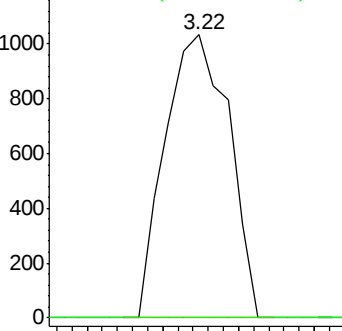


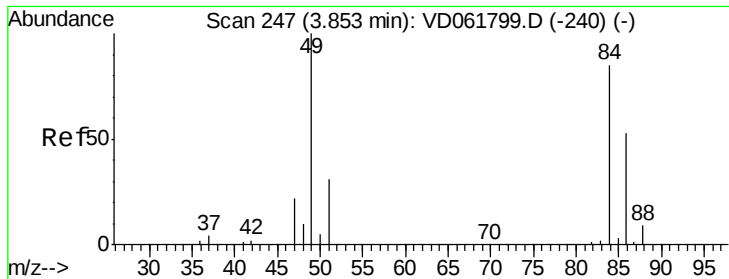
#16
Acetone
Concen: 2.245 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



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

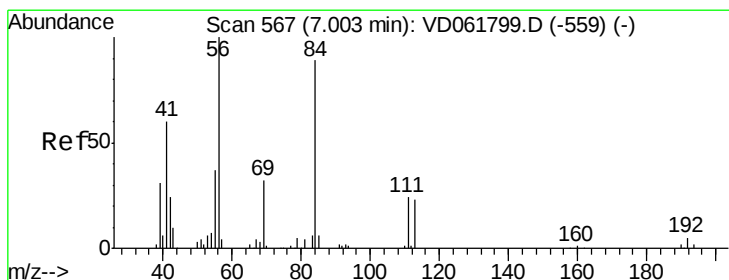
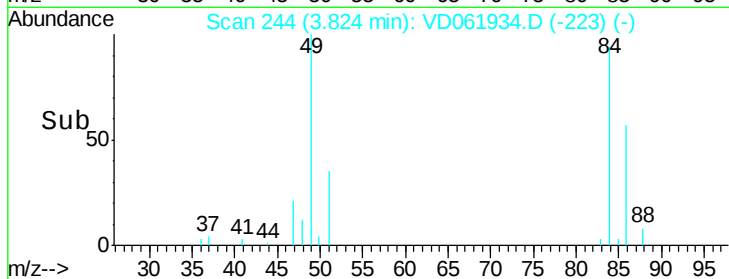
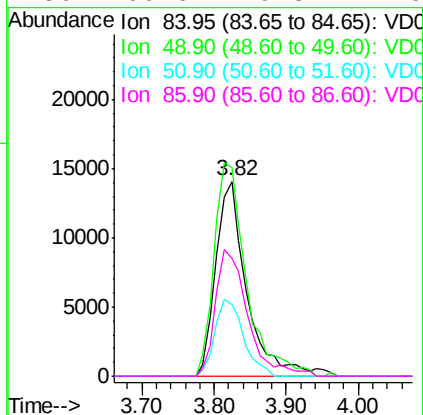
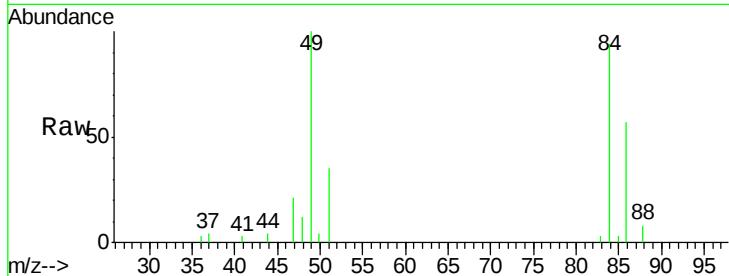




#20
Methvlene Chloride
Concen: 1.800 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

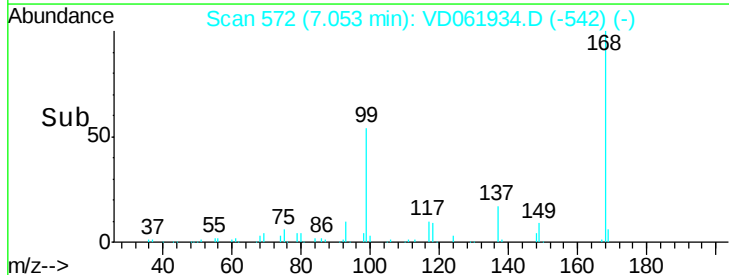
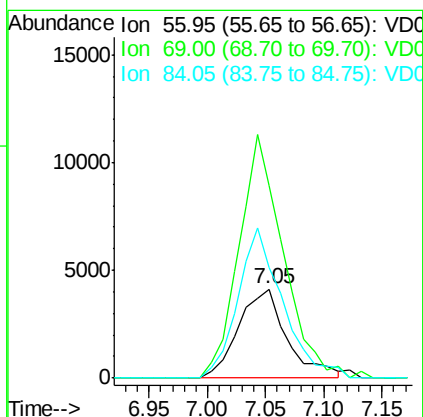
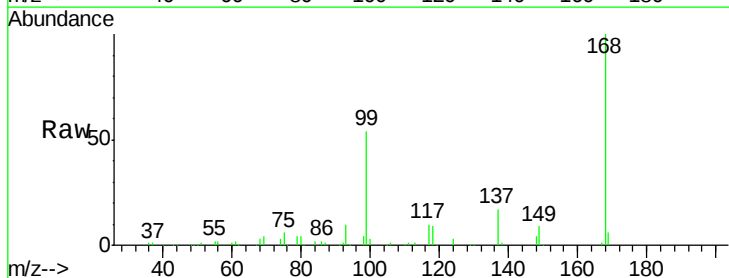
Instrument :
MSVOA_D
ClientSampled :

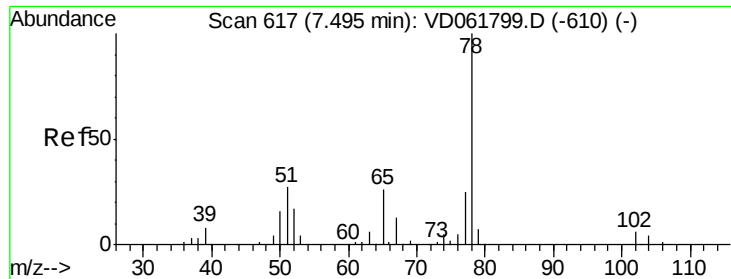
Tot Ion: 84 Resp: 41884
Ion Ratio Lower Upper
84 100
49 106.9 94.0 141.0
51 36.9 29.0 43.4
86 60.6 49.8 74.6



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 56 Resp: 11948
Ion Ratio Lower Upper
56 100
69 215.9 25.8 38.6#
84 124.7 72.2 108.4#

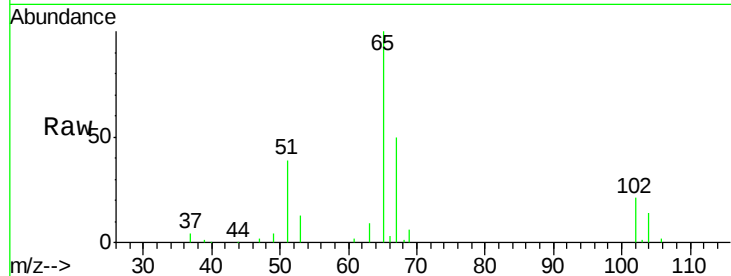




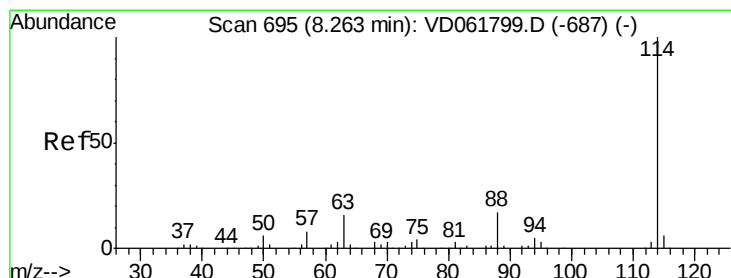
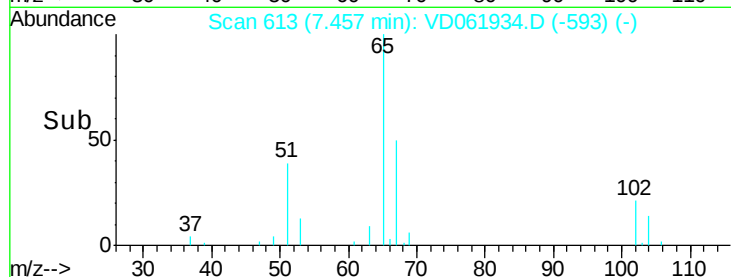
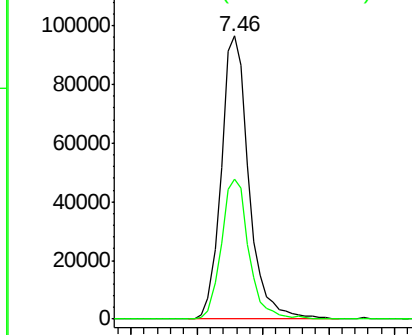
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061934.D
 Acq: 22 Apr 2019 12:56

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 282918
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 98.0

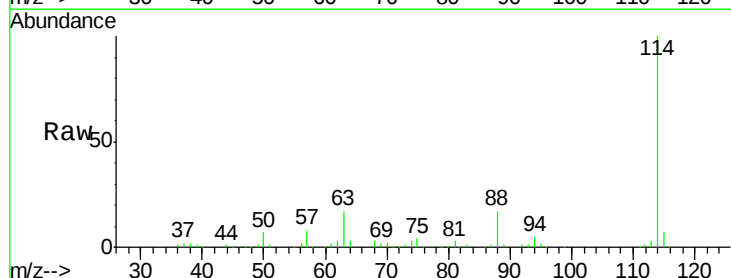


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

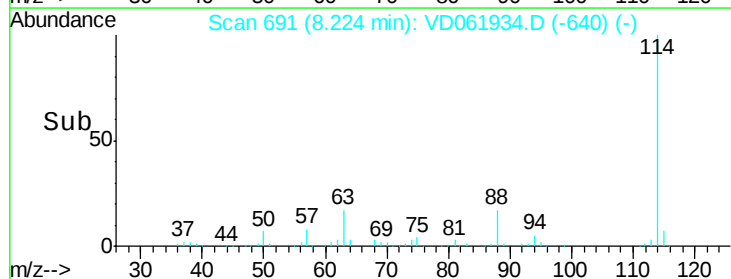
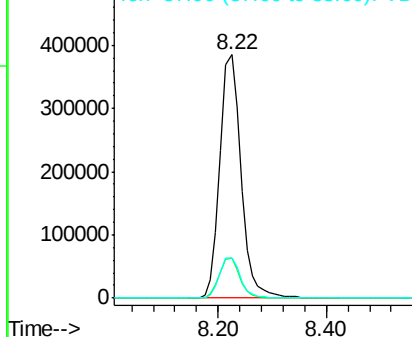


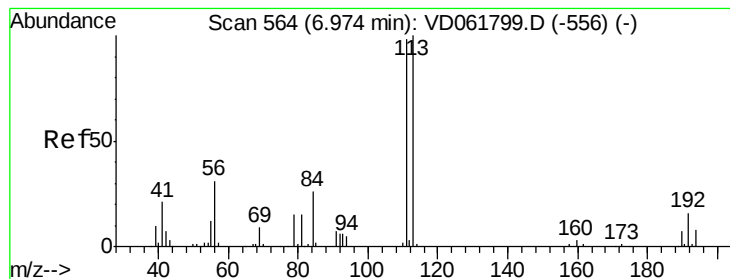
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061934.D
 Acq: 22 Apr 2019 12:56

Tgt Ion: 114 Resp: 1046831
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 16.7 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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :

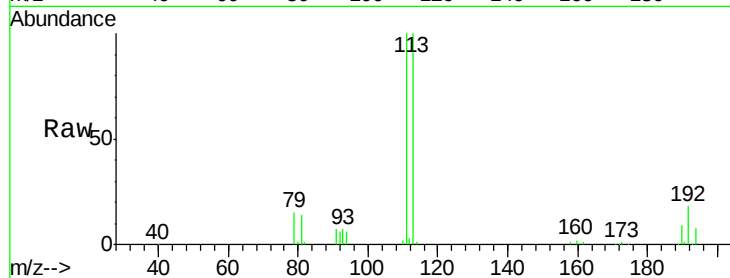
Tot Ion:113 Resp: 427023

Ion Ratio Lower Upper

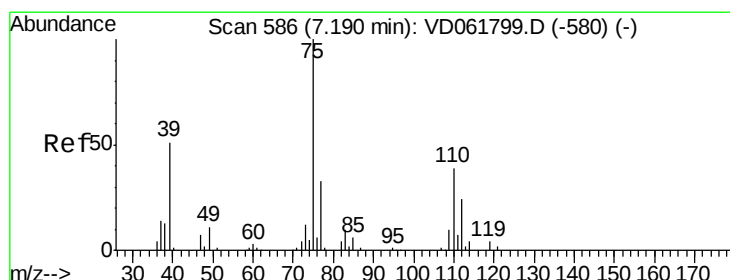
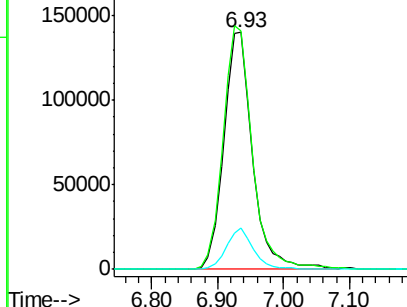
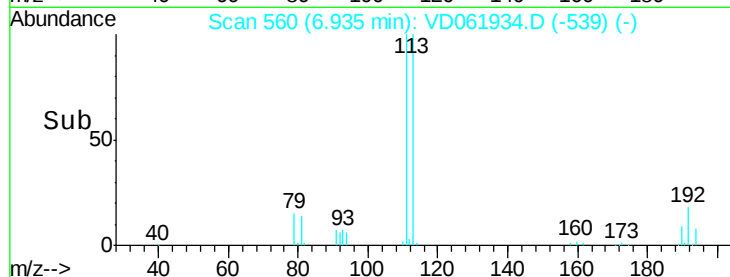
113 100

111 100.5 78.5 117.7

192 17.6 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



#36

1,1-Dichloropropene

Concen: 5.768 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

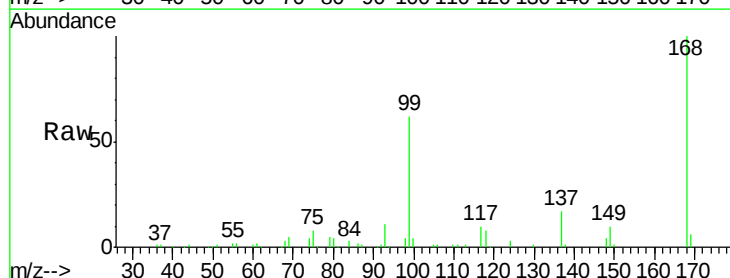
Tgt Ion: 75 Resp: 49342

Ion Ratio Lower Upper

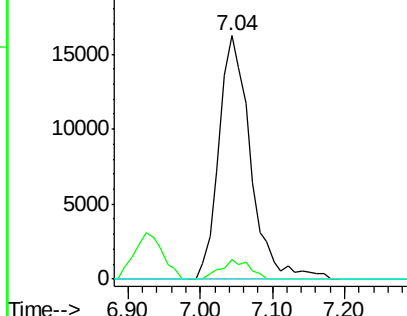
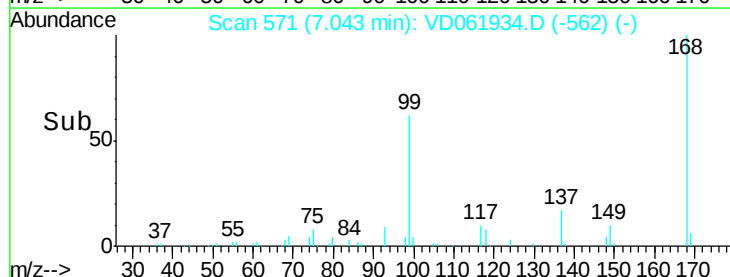
75 100

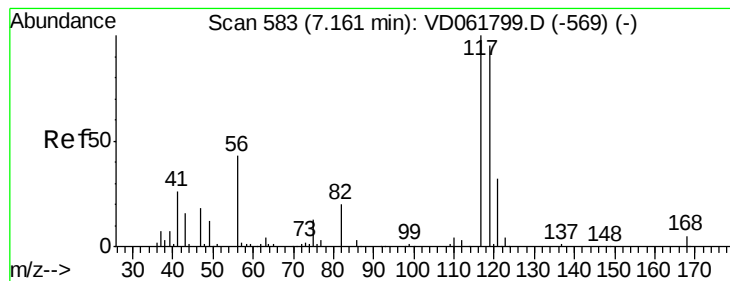
110 7.9 19.1 57.1#

77 0.0 25.6 38.4#



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: 5.742 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

Instrument :

MSVOA_D

ClientSampleId :

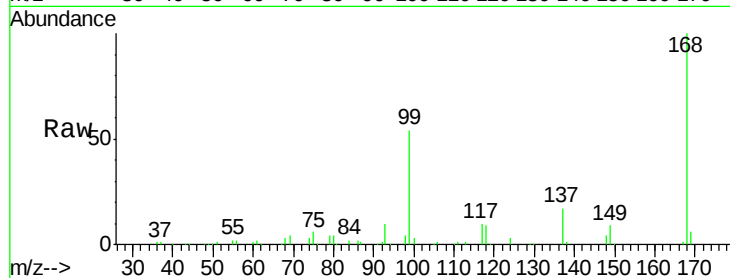
Tot Ion:117 Resp: 62022

Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.8#

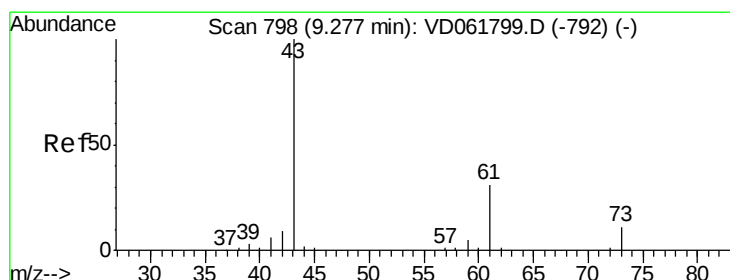
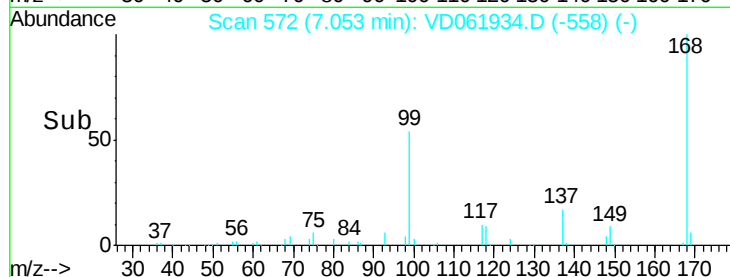
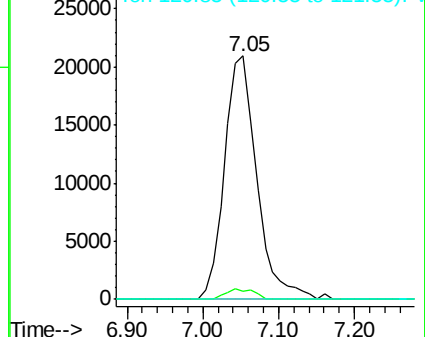
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 3.030 ug/l

RT: 9.54 min Scan# 825

Delta R.T. 0.31 min

Lab File: VD061934.D

Acq: 22 Apr 2019 12:56

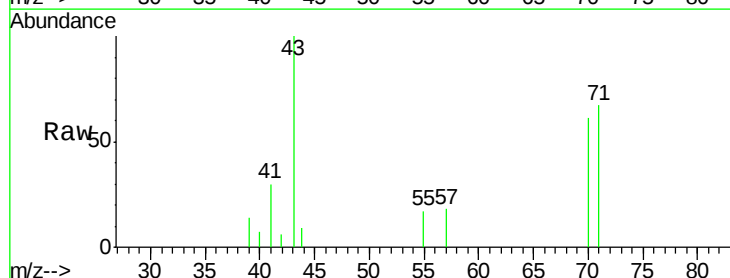
Tgt Ion: 43 Resp: 15613

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

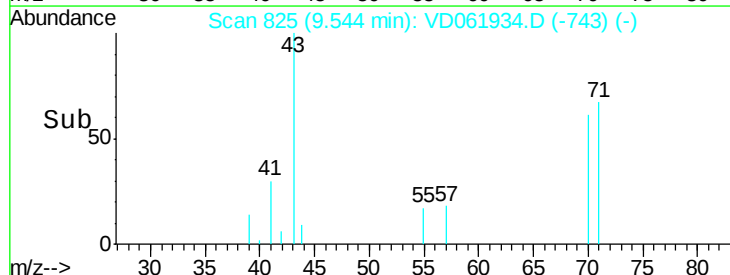
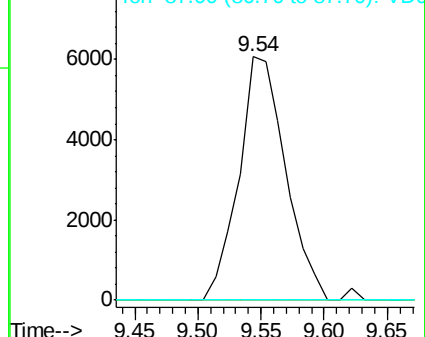
87 0.0 0.0 0.0

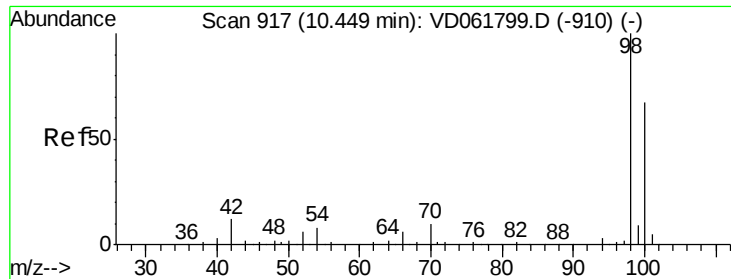


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

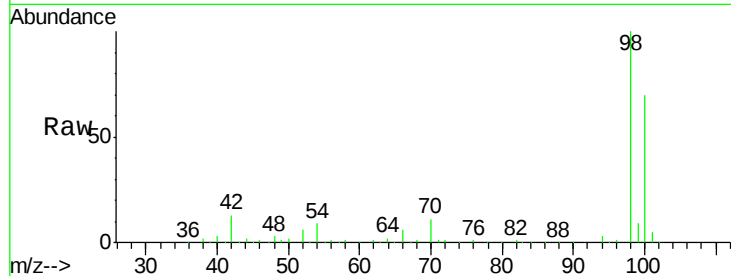




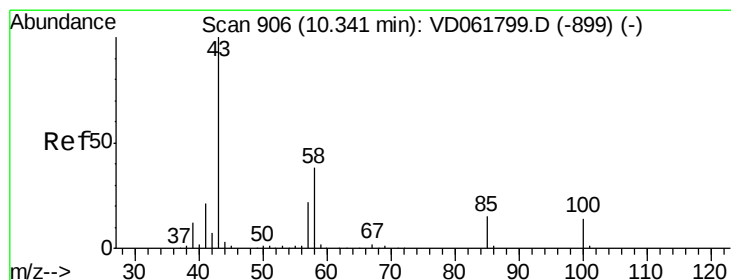
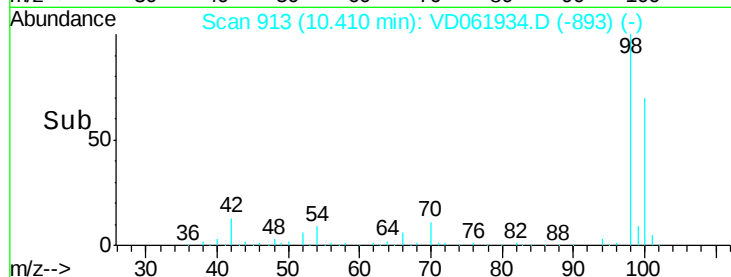
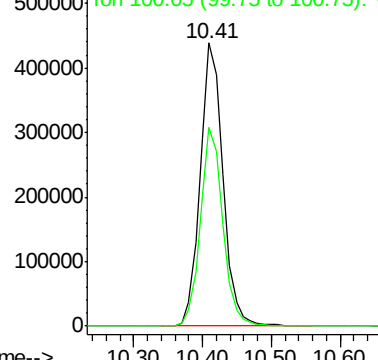
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1000653
Ion Ratio Lower Upper
98 100
100 70.3 53.8 80.8

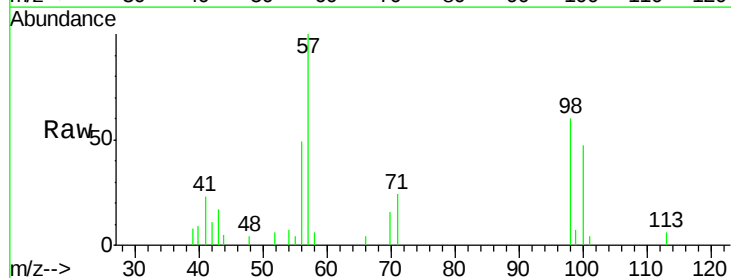


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

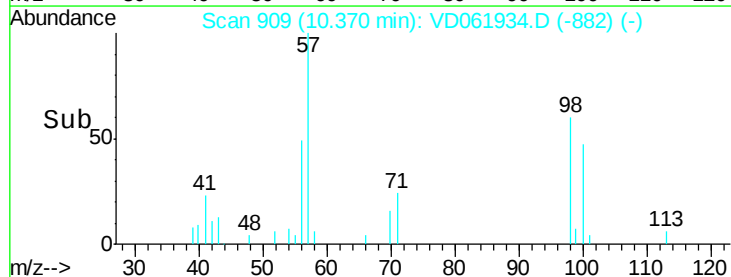
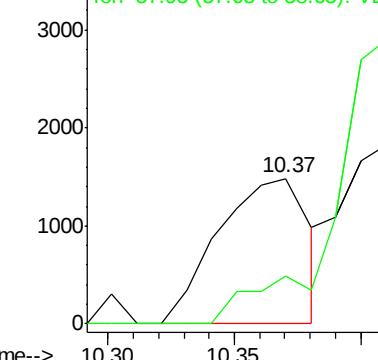


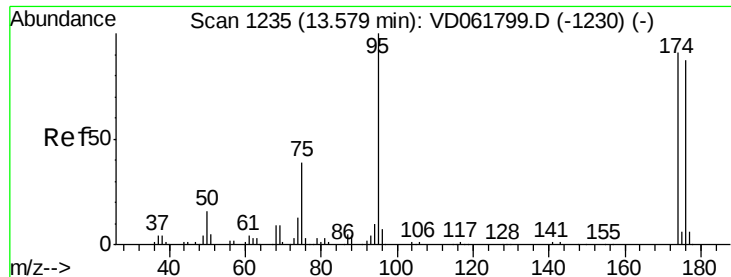
#51
4-Methyl-2-Pentanone
Concen: 1.177 ug/l
RT: 10.37 min Scan# 909
Delta R.T. 0.07 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
58 33.0 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VD061799.D (-899) (-)
Ion 57.95 (57.65 to 58.65): VD061799.D (-899) (-)

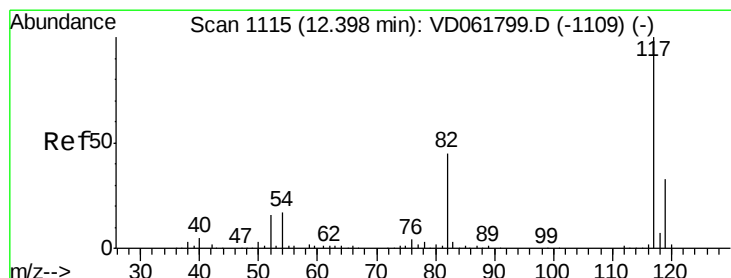
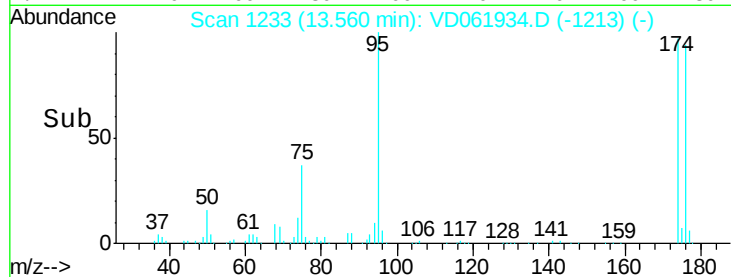
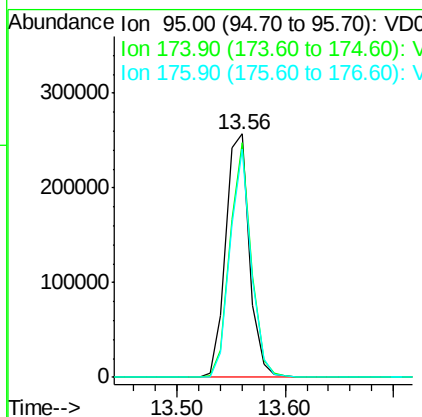
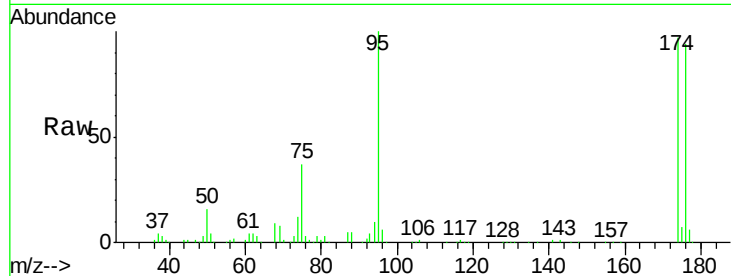




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

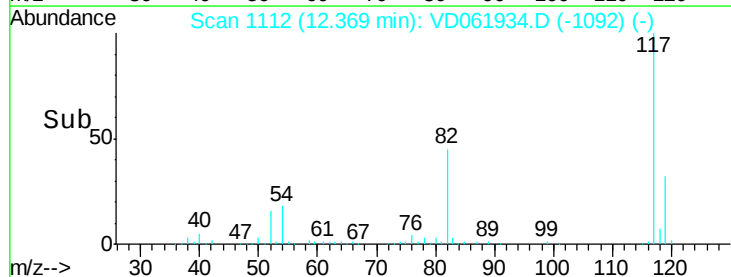
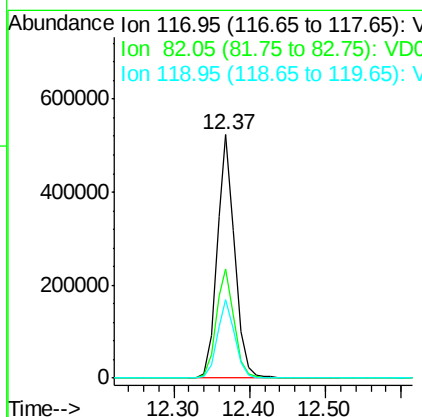
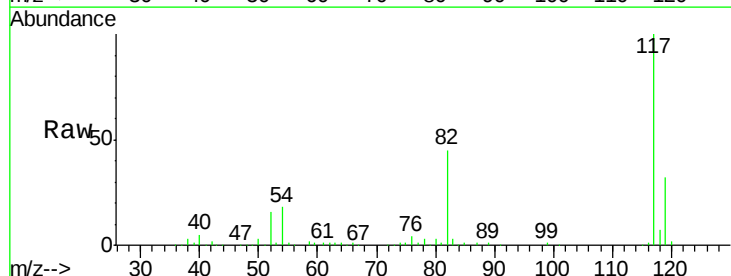
Instrument :
MSVOA_D
ClientSampleId :

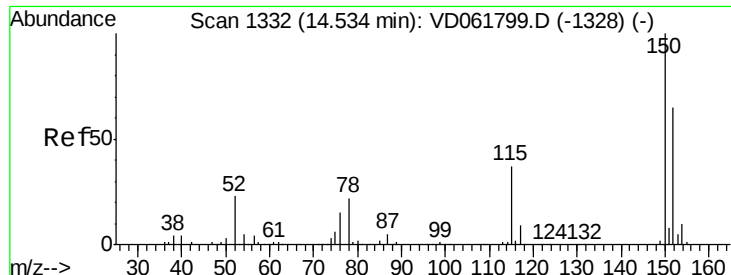
Tot Ion: 95 Resp: 392538
Ion Ratio Lower Upper
95 100
174 96.6 0.0 181.8
176 93.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 117 Resp: 845031
Ion Ratio Lower Upper
117 100
82 44.7 36.2 54.2
119 32.3 26.2 39.4

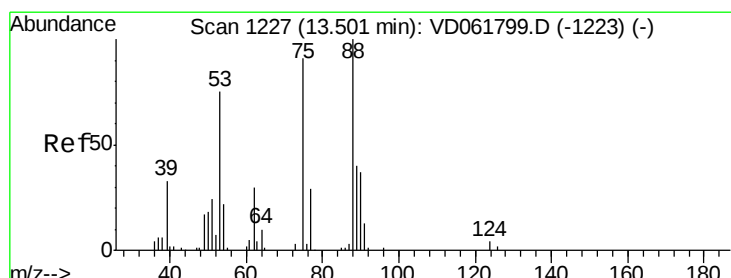
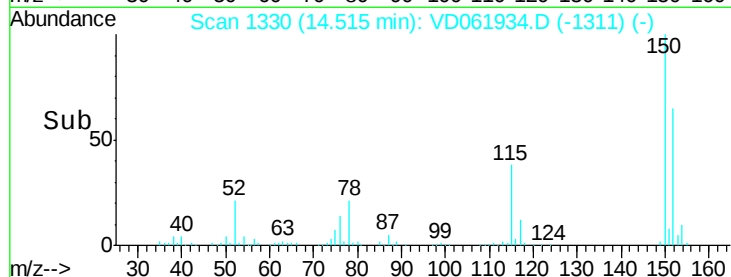
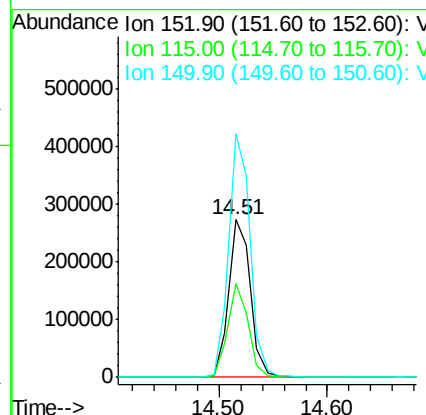
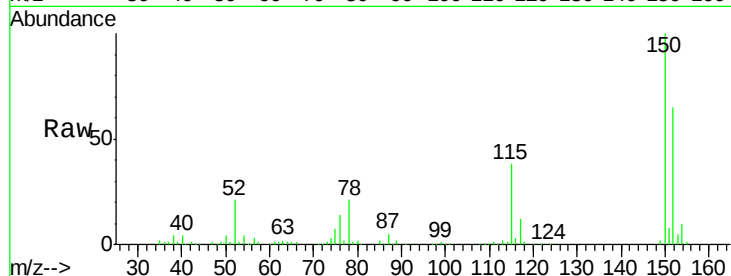




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061934.D
 Acq: 22 Apr 2019 12:56

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:152 Resp: 379673
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.9 92.7
 150 154.6 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.223 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061934.D
 Acq: 22 Apr 2019 12:56

Tgt Ion: 75 Resp: 148707
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

