

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061831.D
 Acq On : 17 Apr 2019 3:16
 Operator : VA/AP
 Sample : K2389-02
 Misc : 5.01µl/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 03:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	469480	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	773453	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	714284	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	338262	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	195496	49.69	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	99.38%	
35) Dibromofluoromethane	6.93	113	281893	48.24	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	96.48%	
50) Toluene-d8	10.41	98	602638	43.53	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	13.55	95	267531	47.67	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	95.34%	

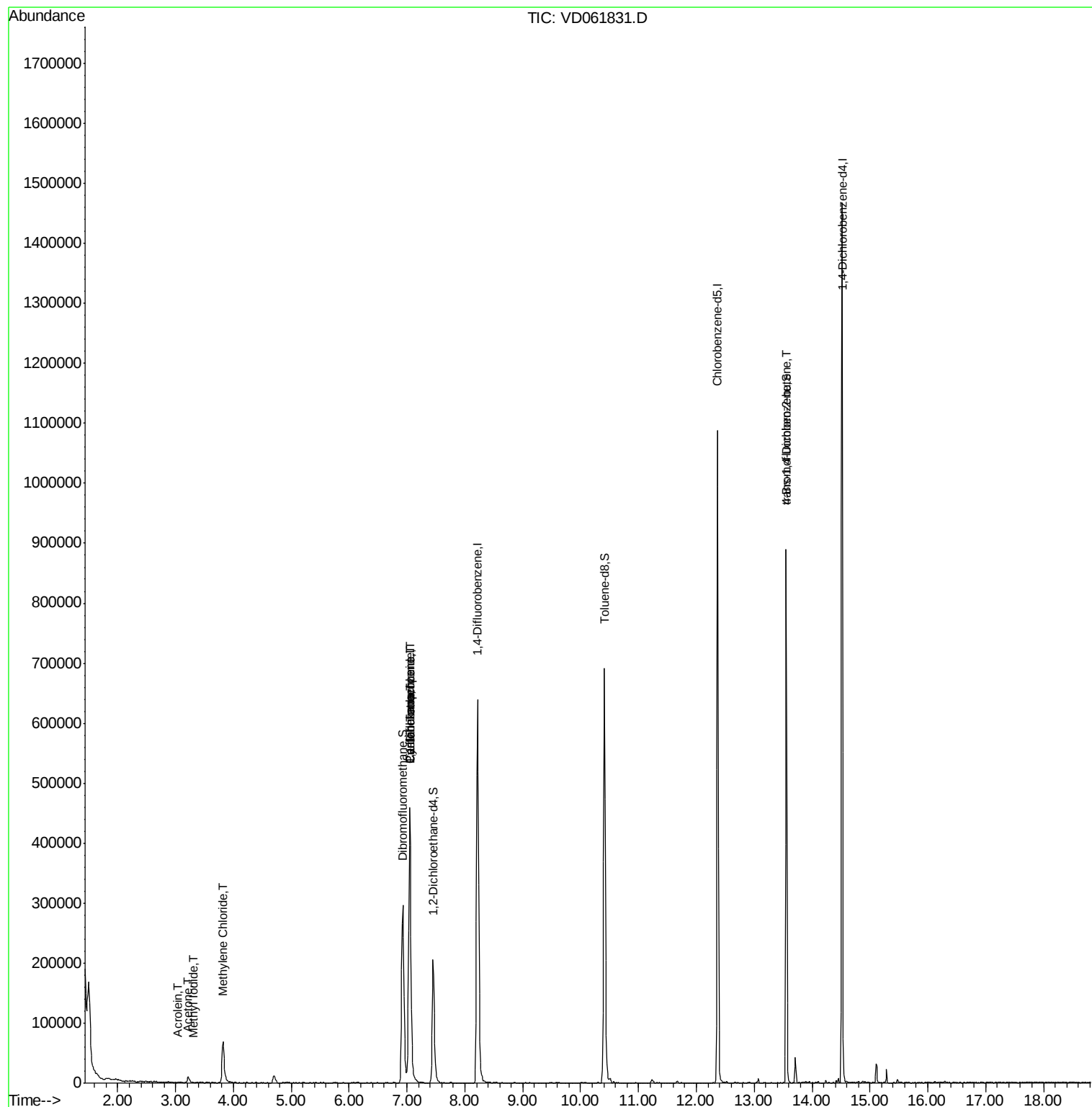
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1421	Below Cal	#	12
10) Methyl Iodide	3.32	142	436	3.563	ug/l #	37
13) Acrolein	3.03	56	905	4.029	ug/l	98
16) Acetone	3.22	43	19644	20.257	ug/l	95
20) Methylene Chloride	3.82	84	53209	7.103	ug/l	93
31) Cyclohexane	7.04	56	7773	1.304	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	33563	5.310	ug/l #	47
38) Carbon Tetrachloride	7.05	117	44718	5.603	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	102736	69.933	ug/l #	16

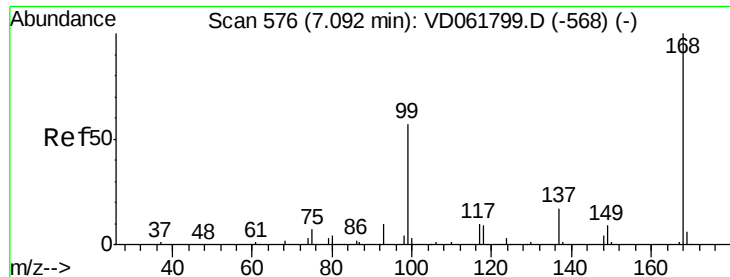
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061831.D
Acq On : 17 Apr 2019 3:16
Operator : VA/AP
Sample : K2389-02
Misc : 5.01a/5ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 03:46:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

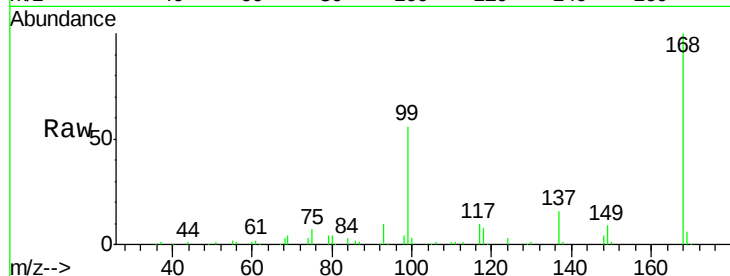
ClientSampleId :

Tot Ion:168 Resp: 469480

Ion Ratio Lower Upper

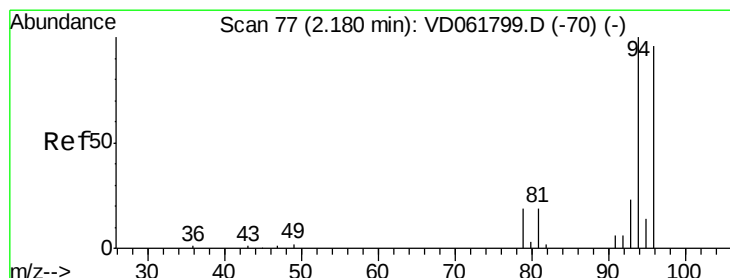
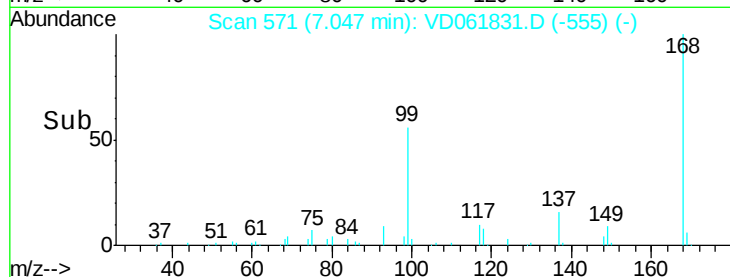
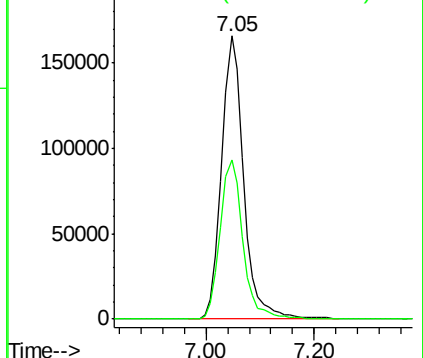
168 100

99 56.0 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: Below Cal

RT: 2.19 min Scan# 78

Delta R.T. 0.01 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

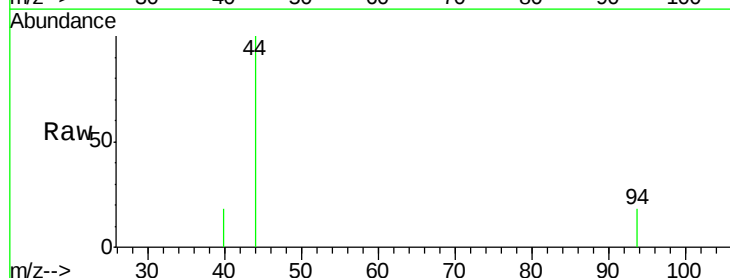
Tgt Ion: 94 Resp: 1421

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

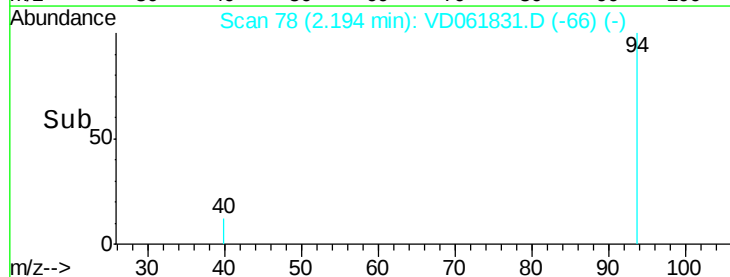
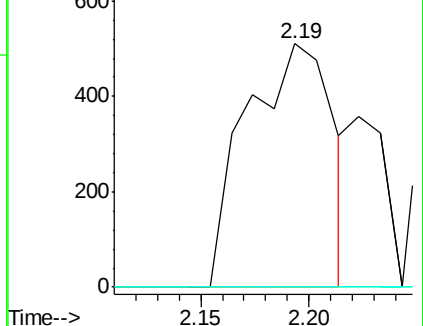
93 0.0 18.5 27.7#

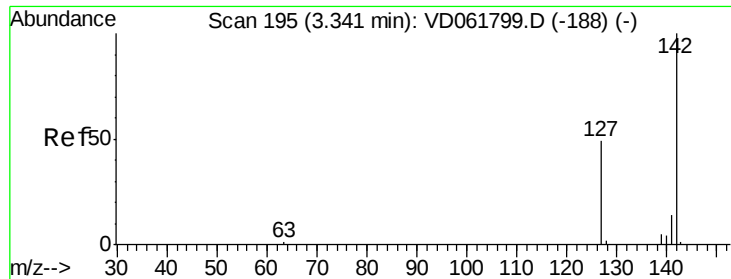


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

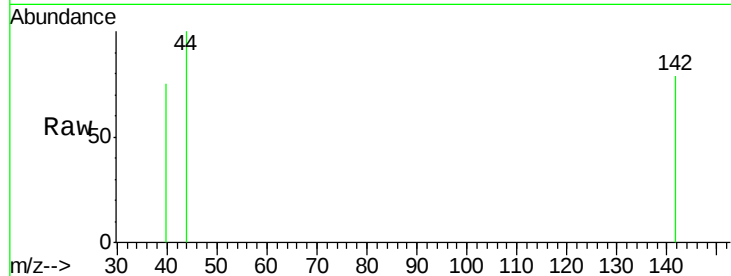




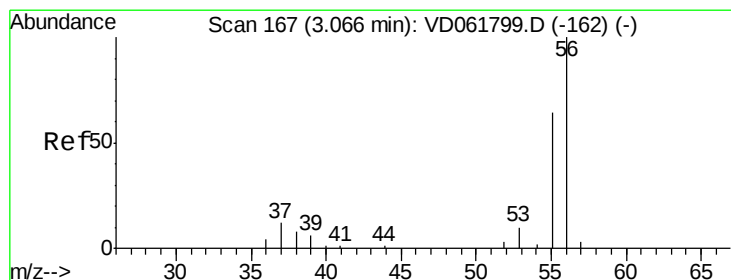
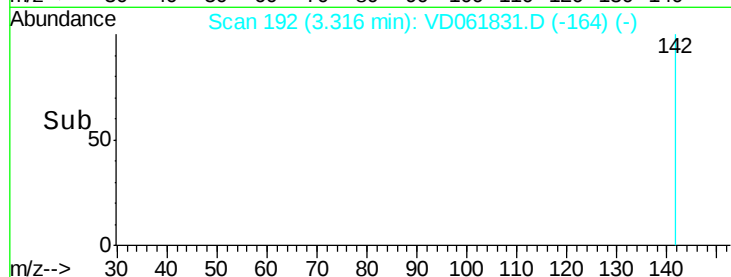
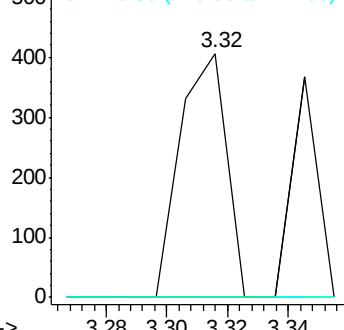
#10
Methvl Iodide
Concen: 3.563 ug/l
RT: 3.32 min Scan# 192
Delta R.T. -0.03 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 436
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

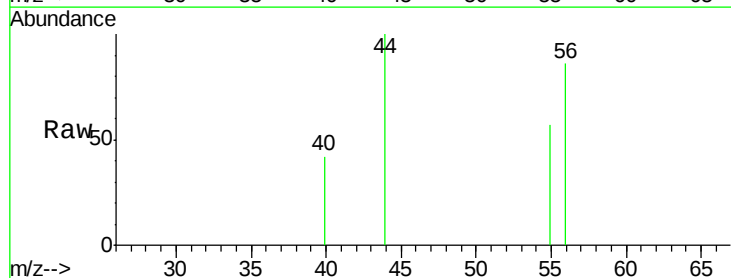


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

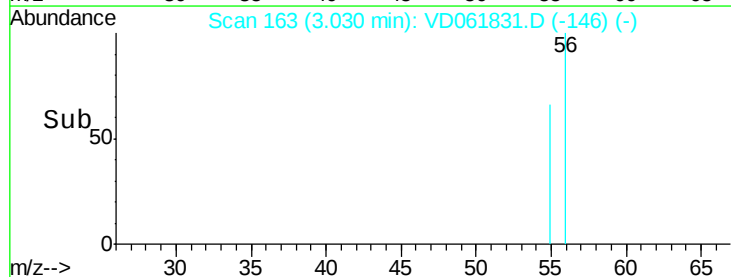
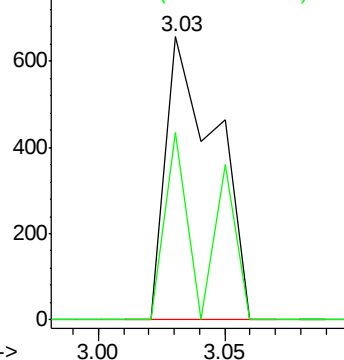


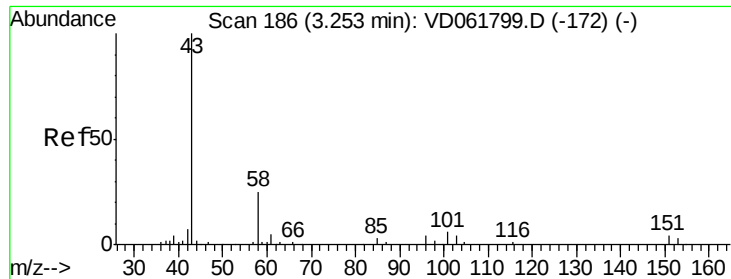
#13
Acrolein
Concen: 4.029 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion: 56 Resp: 905
Ion Ratio Lower Upper
56 100
55 66.2 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): V
Ion 55.00 (54.70 to 55.70): V

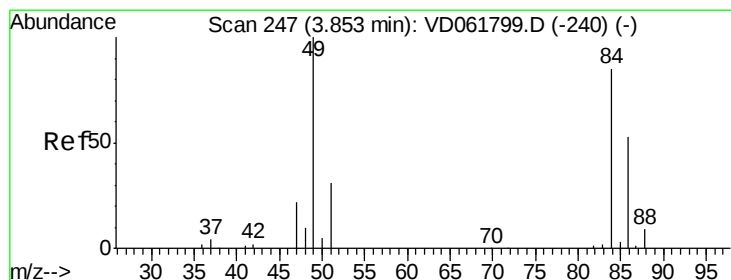
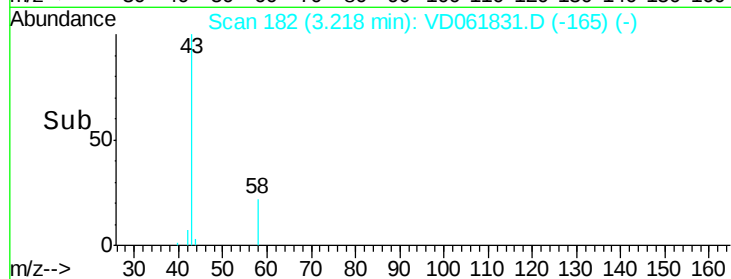
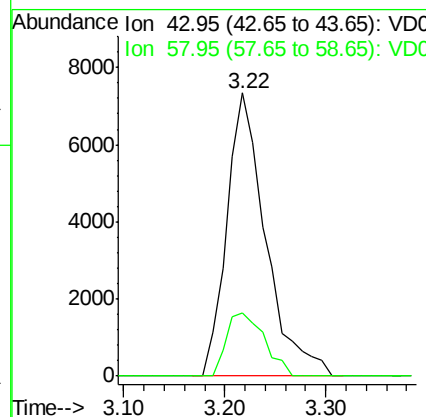
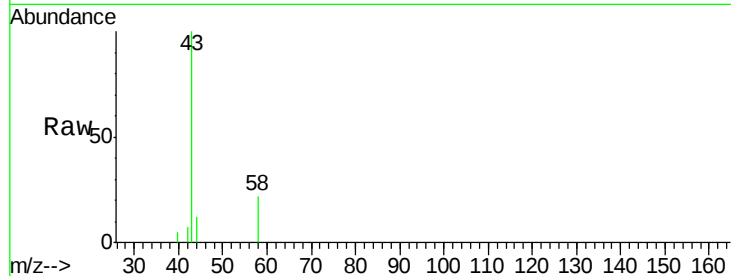




#16
Acetone
Concen: 20.257 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

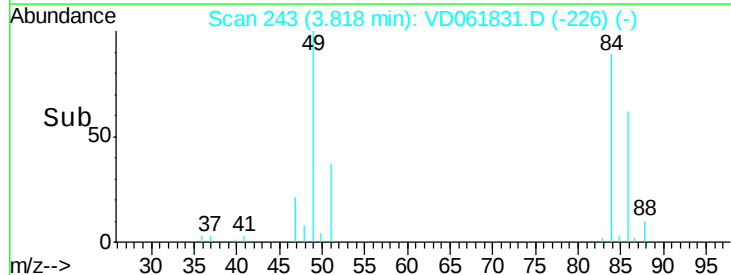
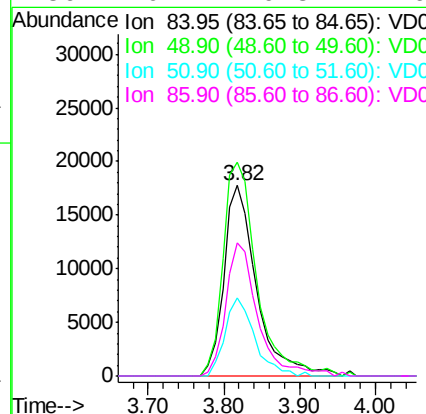
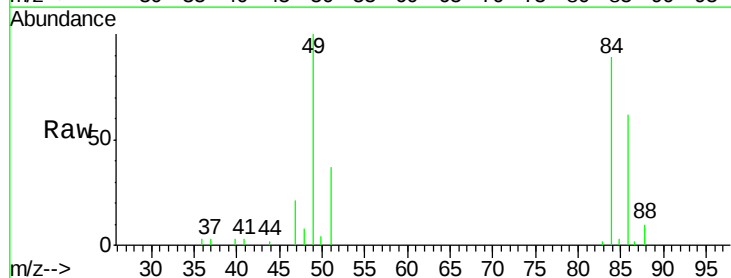
Instrument :
MSVOA_D
ClientSampled :

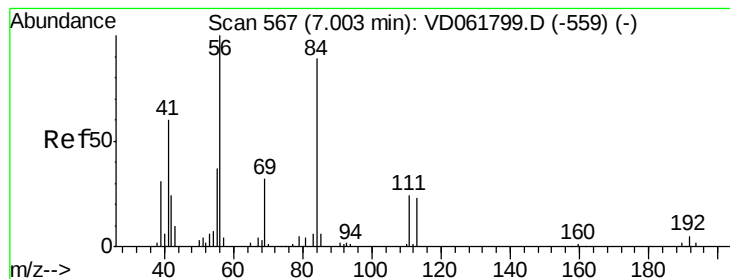
Tot Ion: 43 Resp: 19644
Ion Ratio Lower Upper
43 100
58 22.4 19.9 29.9



#20
Methylene Chloride
Concen: 7.103 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.03 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion: 84 Resp: 53209
Ion Ratio Lower Upper
84 100
49 112.3 94.0 141.0
51 41.4 29.0 43.4
86 70.2 49.8 74.6





#31

Cyclohexane

Concen: 1.304 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.03 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

ClientSampled :

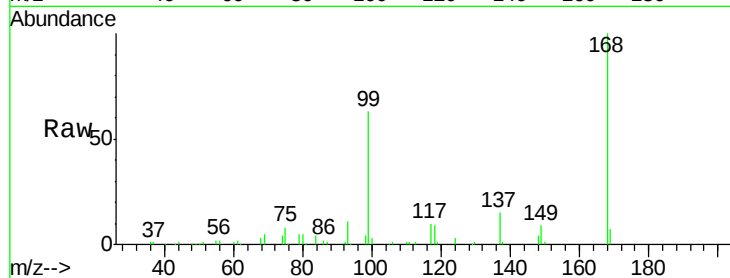
Tot Ion: 56 Resp: 7773

Ion Ratio Lower Upper

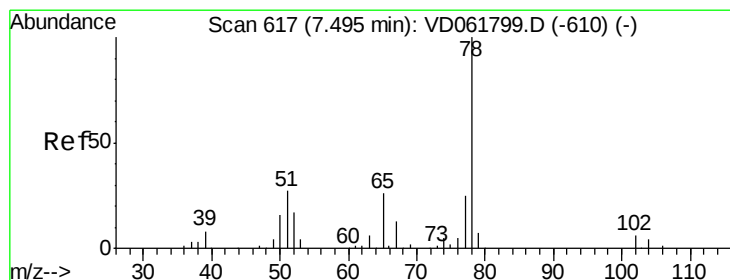
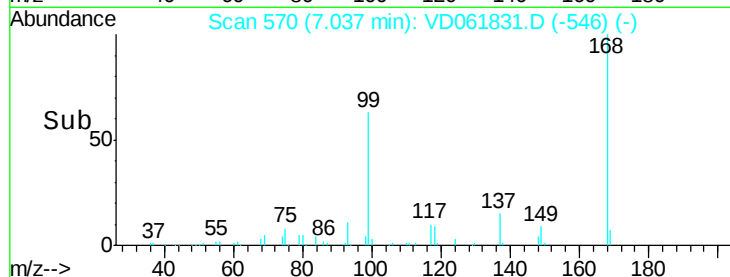
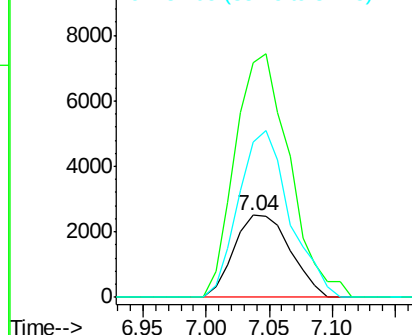
56 100

69 285.7 25.8 38.6#

84 189.7 72.2 108.4#



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: 7.45 min Scan# 612

Delta R.T. -0.04 min

Lab File: VD061831.D

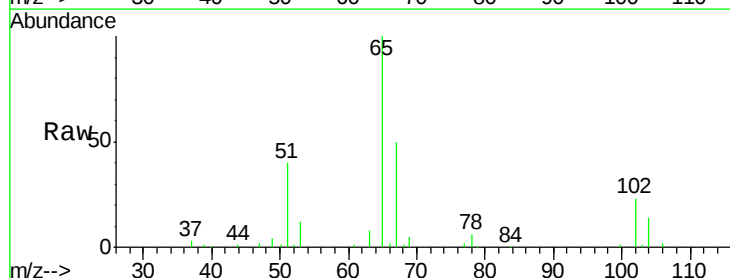
Acq: 17 Apr 2019 3:16

Tgt Ion: 65 Resp: 195496

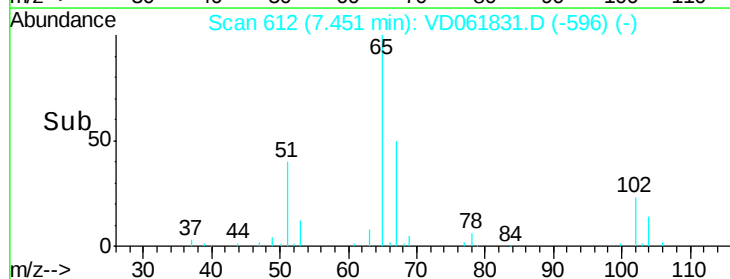
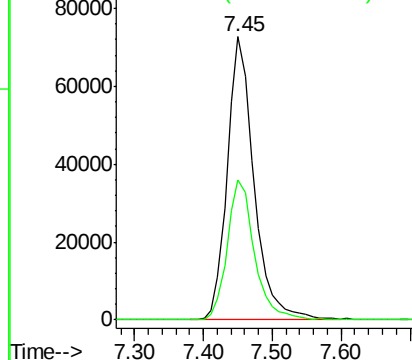
Ion Ratio Lower Upper

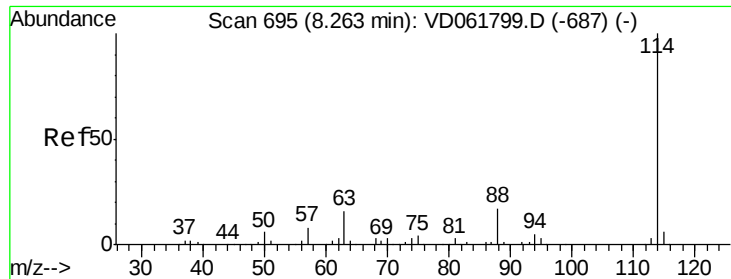
65 100

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

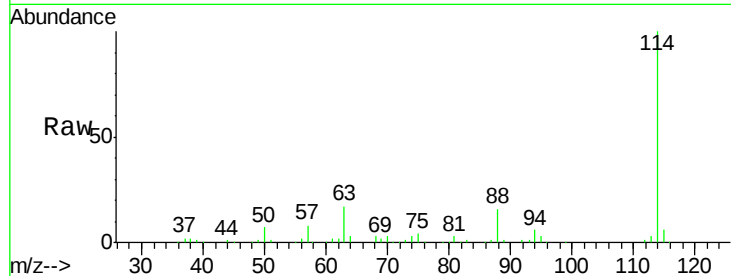




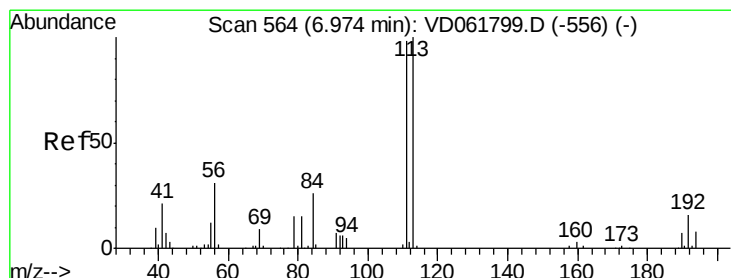
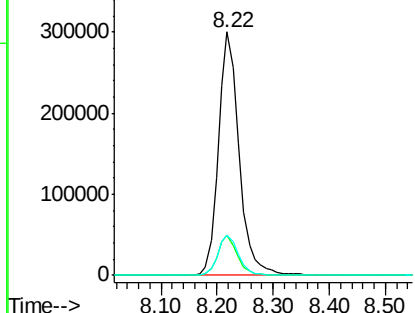
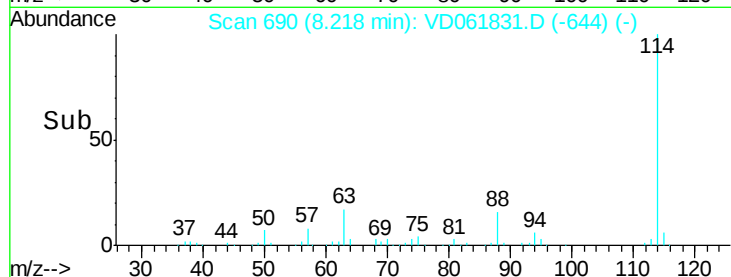
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.04 min
 Lab File: VD061831.D
 Acq: 17 Apr 2019 3:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 773453
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.4
 88 16.3 0.0 33.6

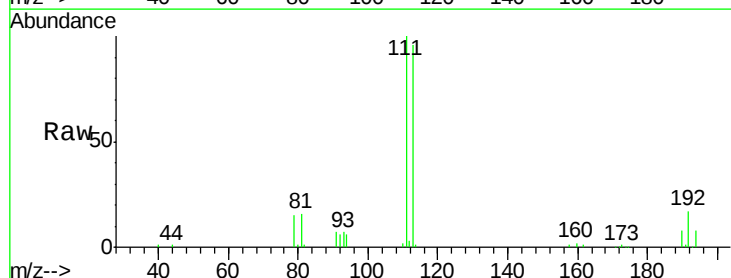


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

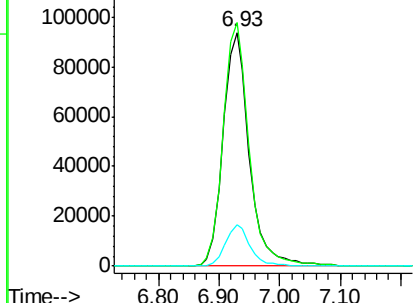
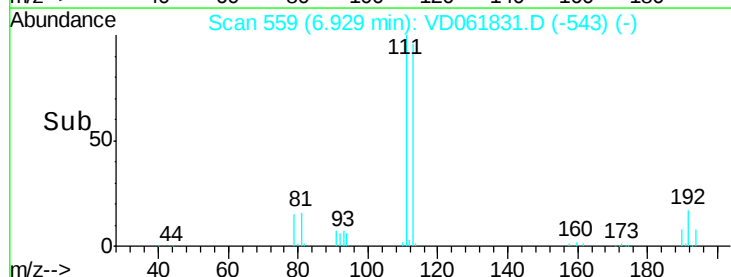


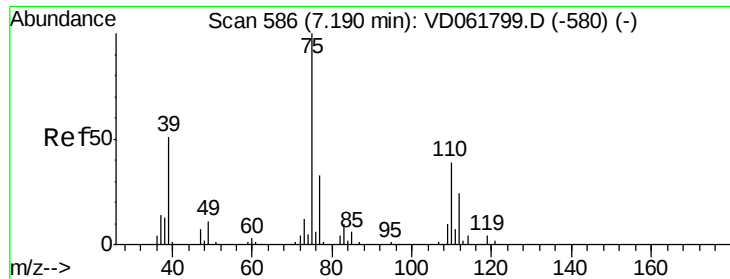
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.04 min
 Lab File: VD061831.D
 Acq: 17 Apr 2019 3:16

Tgt Ion:113 Resp: 281893
 Ion Ratio Lower Upper
 113 100
 111 104.1 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: 5.310 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.14 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

ClientSampleId :

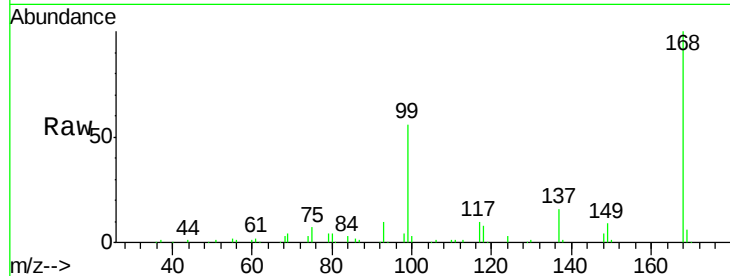
Tot Ion: 75 Resp: 33563

Ion Ratio Lower Upper

75 100

110 8.1 19.1 57.1#

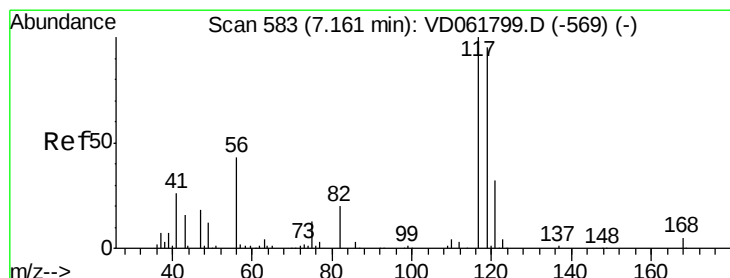
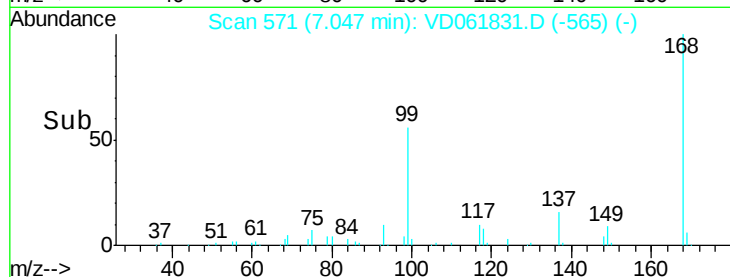
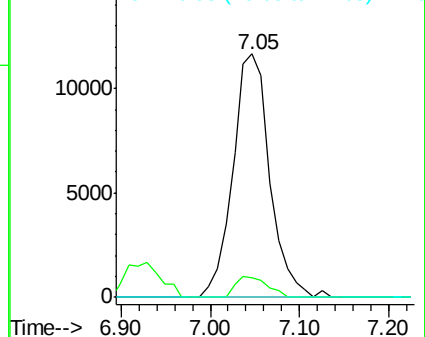
77 0.0 25.6 38.4#



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: 5.603 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

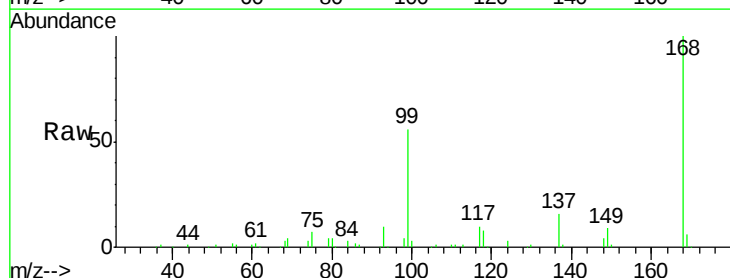
Tgt Ion: 117 Resp: 44718

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

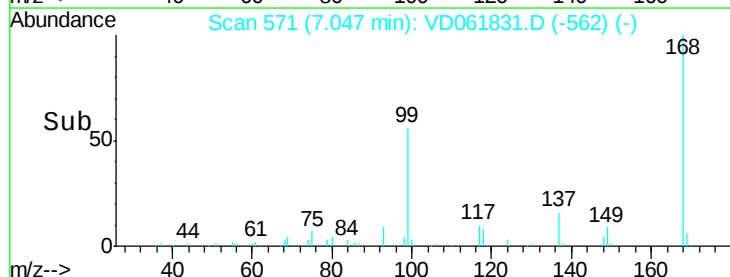
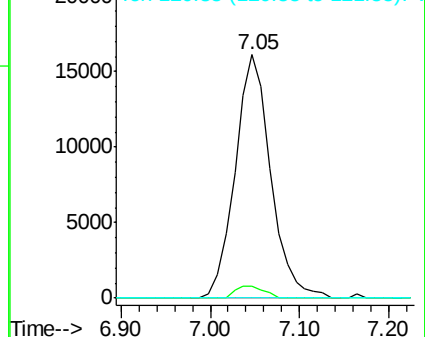
121 0.0 25.9 38.9#

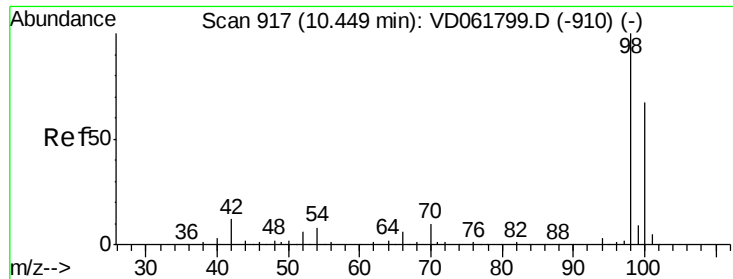


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

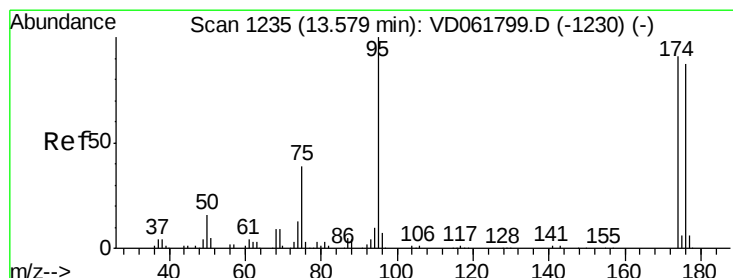
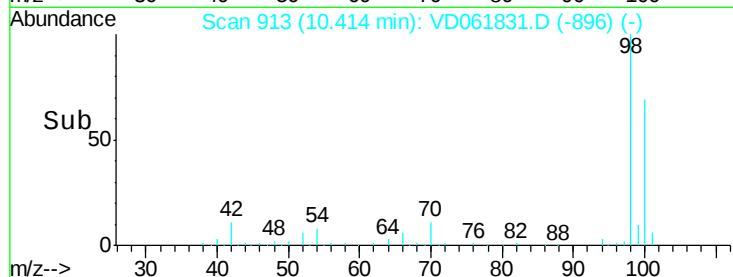
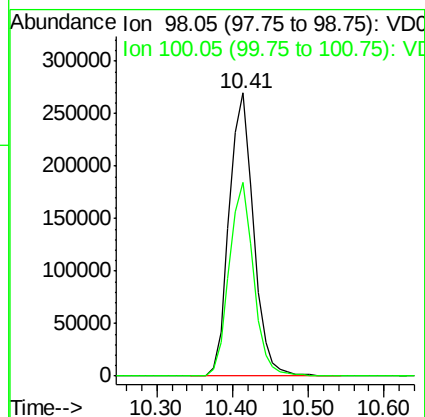
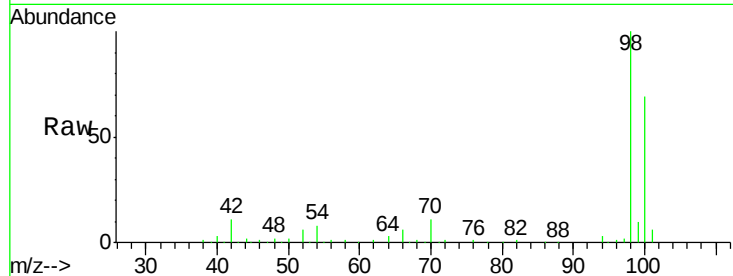




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

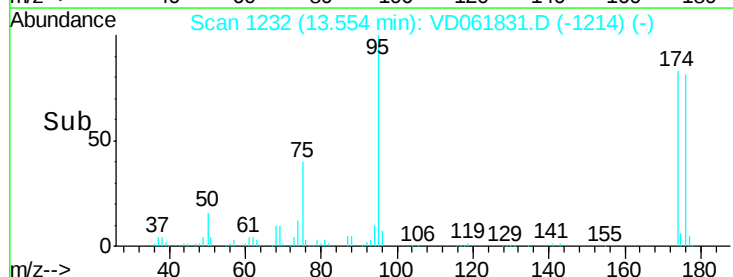
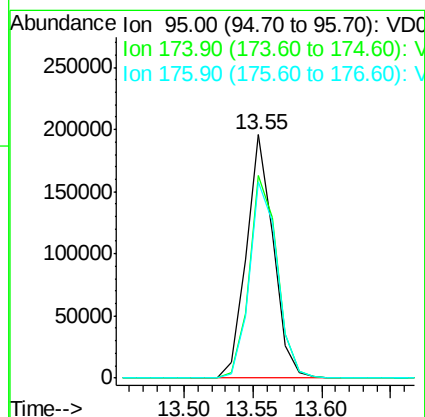
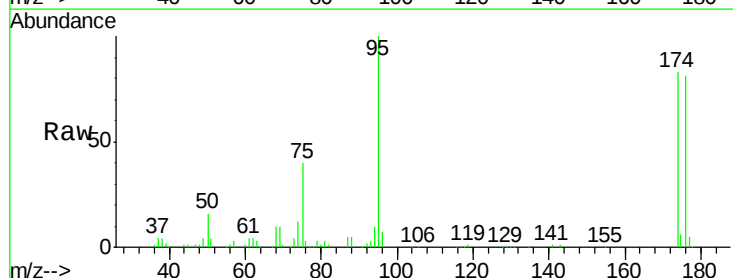
Instrument :
MSVOA_D
ClientSampleId :

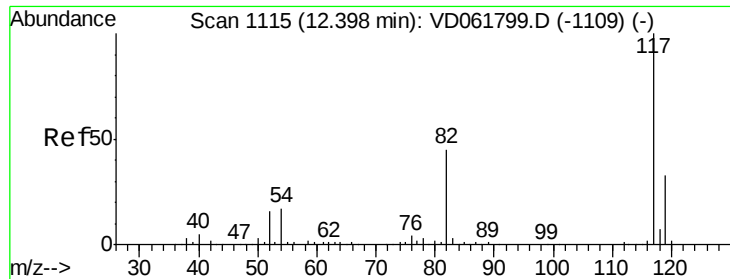
Tot Ion: 98 Resp: 602638
Ion Ratio Lower Upper
98 100
100 68.7 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion: 95 Resp: 267531
Ion Ratio Lower Upper
95 100
174 83.1 0.0 181.8
176 80.7 0.0 174.4

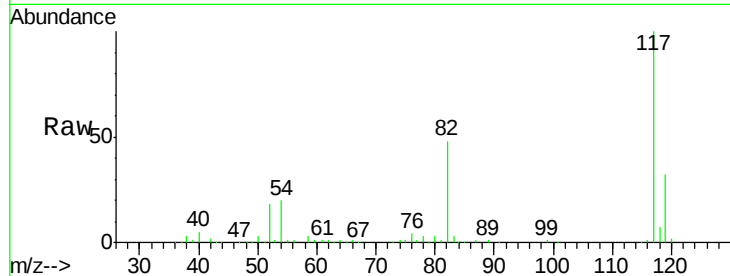




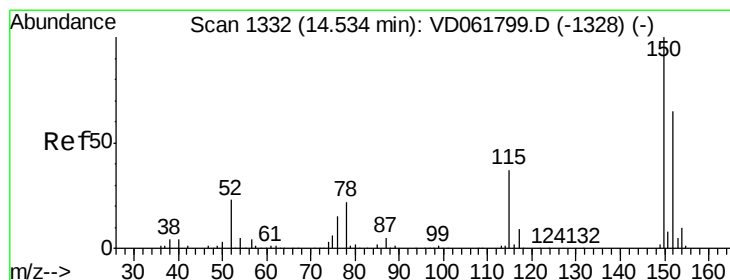
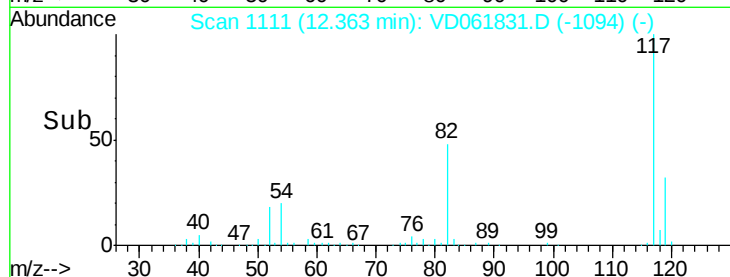
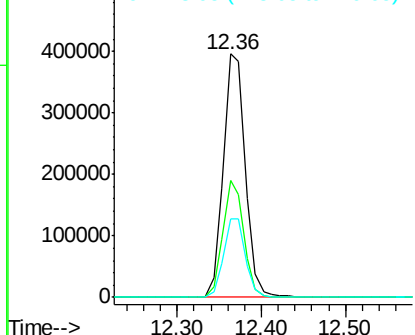
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 714284
Ion Ratio Lower Upper
117 100
82 47.9 36.2 54.2
119 32.4 26.2 39.4

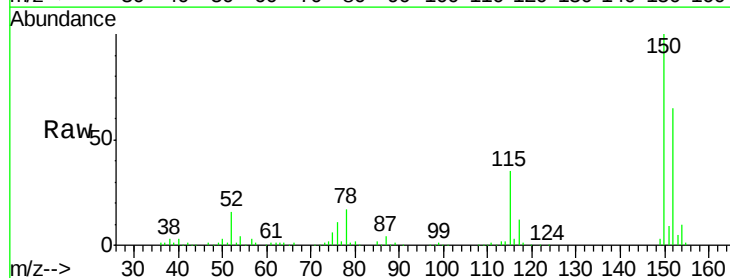


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

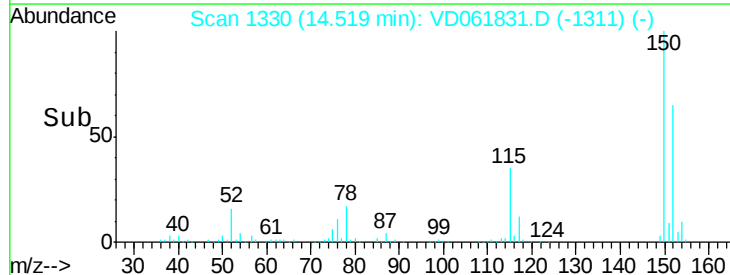
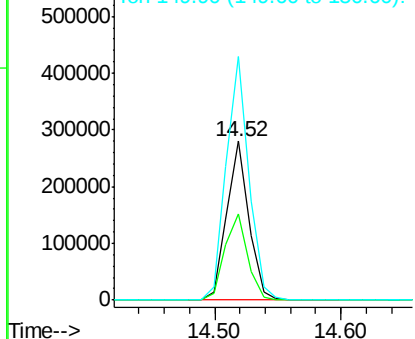


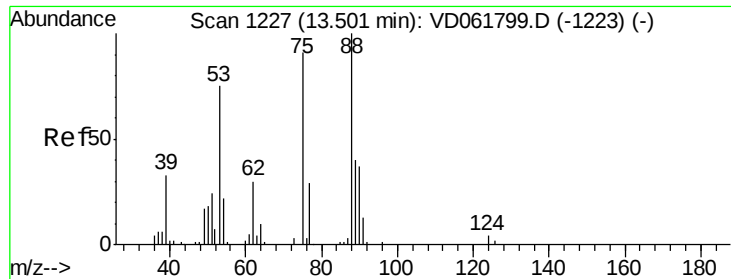
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion:152 Resp: 338262
Ion Ratio Lower Upper
152 100
115 54.1 30.9 92.7
150 153.3 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





#81

trans-1,4-Dichloro-2-butene

Concen: 69.933 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.05 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

ClientSampleId :

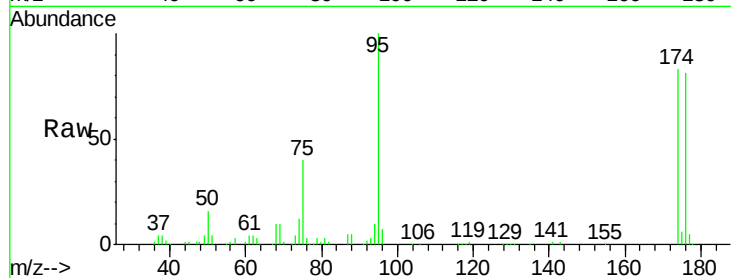
Tot Ion: 75 Resp: 102736

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

