

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061944.D
 Acq On : 22 Apr 2019 17:47
 Operator : VA/AP
 Sample : K2202-01
 Misc : 8.07g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-041819-A

Quant Time: Apr 22 23:33:37 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

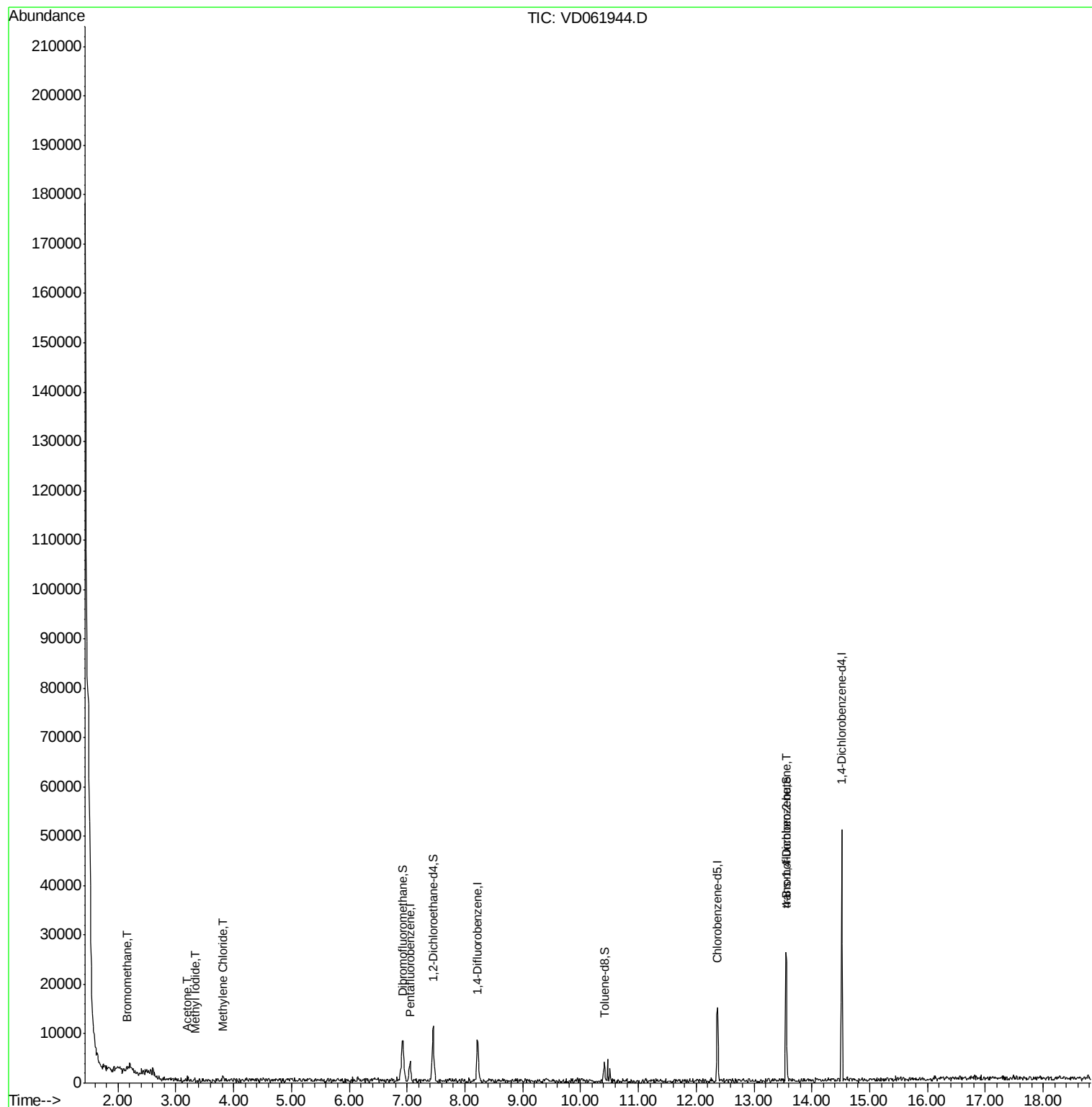
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	5322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	14246	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	10895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	11803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	11643	261.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	522.06%	
35) Dibromofluoromethane	6.93	113	9264	86.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	172.14%	
50) Toluene-d8	10.41	98	3717	14.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.16%	
62) 4-Bromofluorobenzene	13.55	95	9548	92.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.74%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	552	60.834	ug/l #	12
10) Methyl Iodide	3.33	142	194	5.416	ug/l #	37
16) Acetone	3.19	43	1095	99.608	ug/l #	50
20) Methylene Chloride	3.81	84	800	11.069	ug/l #	85
81) trans-1,4-Dichloro-2-buten	13.55	75	3621	70.606	ug/l #	16

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

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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: VD061944.D

Acq: 22 Apr 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

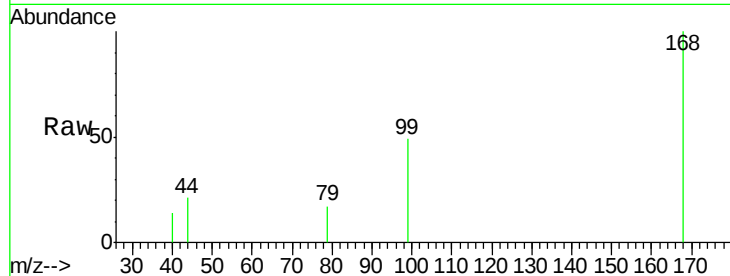
SA-06-041819-A

Tot Ion:168 Resp: 5322

Ion Ratio Lower Upper

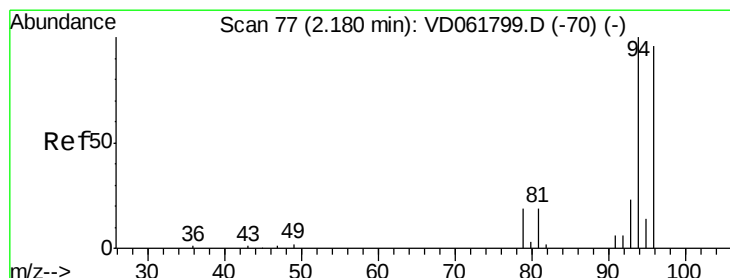
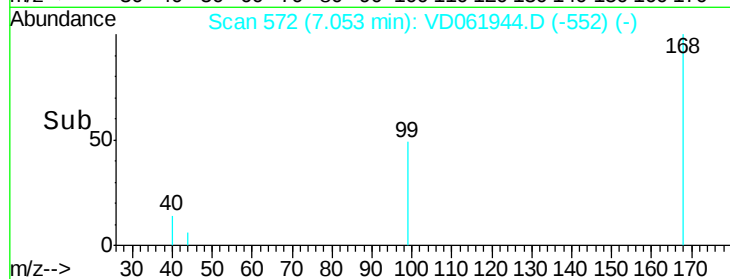
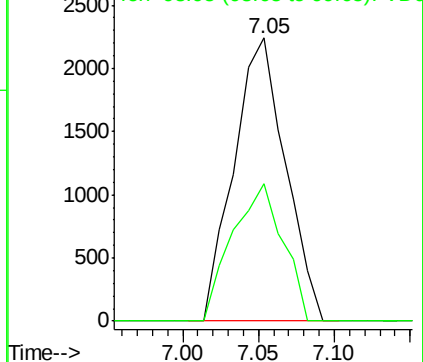
168 100

99 48.6 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: 60.834 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061944.D

Acq: 22 Apr 2019 17:47

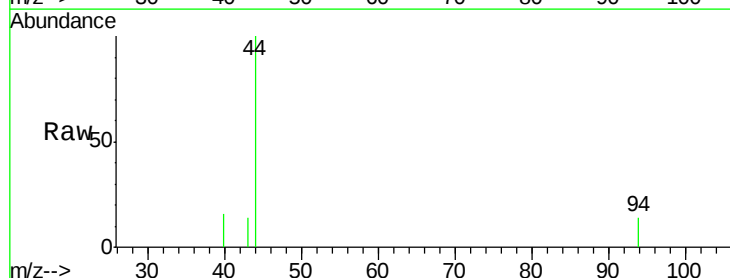
Tgt Ion: 94 Resp: 552

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

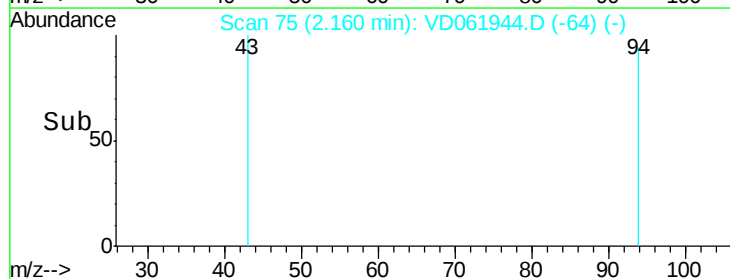
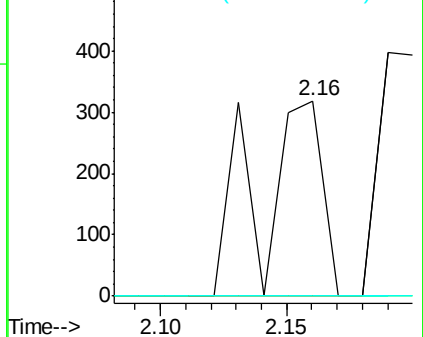
93 0.0 18.5 27.7#

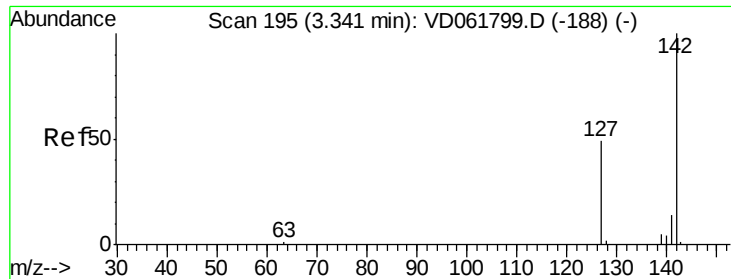


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

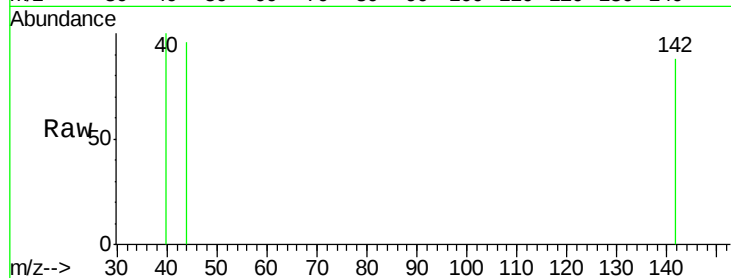




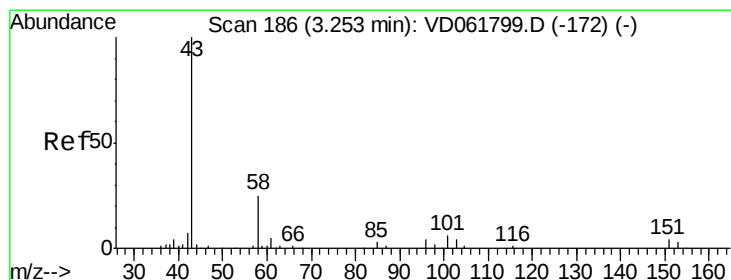
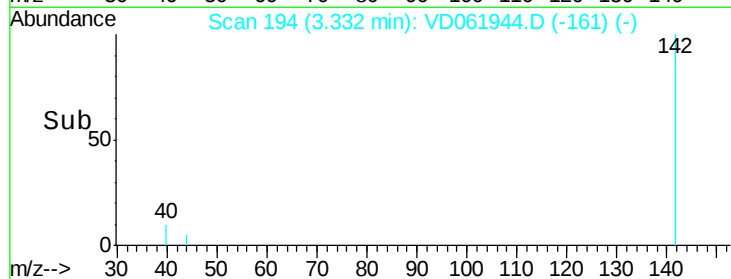
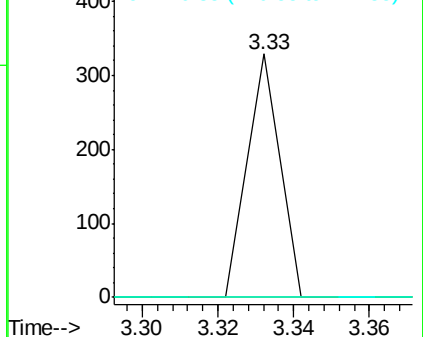
#10
Methvl Iodide
Concen: 5.416 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.02 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
SA-06-041819-A

Tot Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

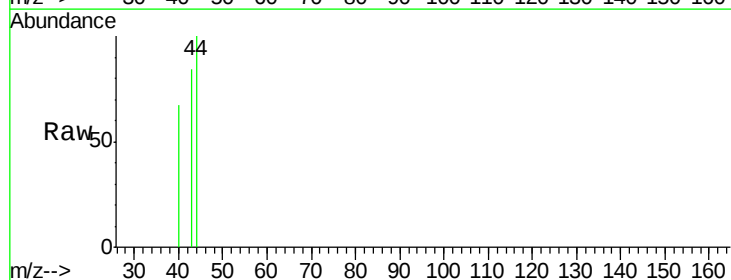


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

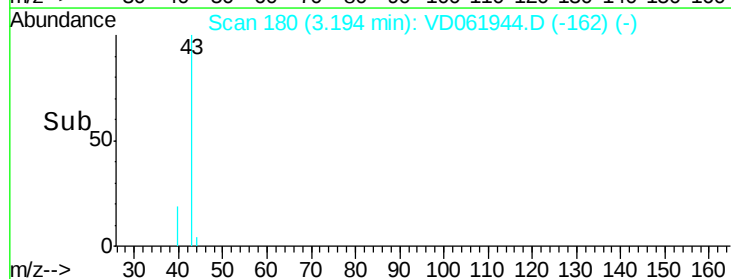
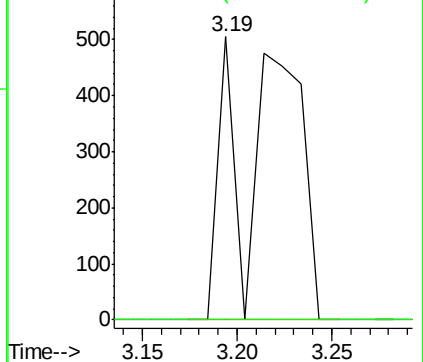


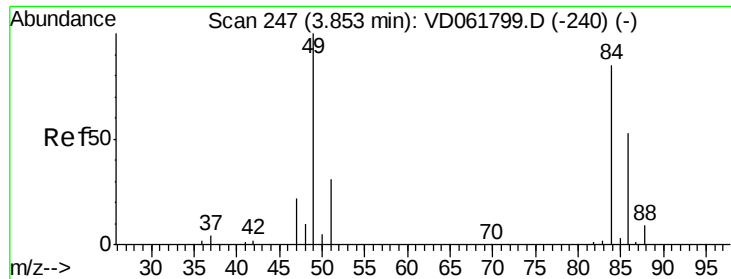
#16
Acetone
Concen: 99.608 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.02 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

Tgt Ion: 43 Resp: 1095
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

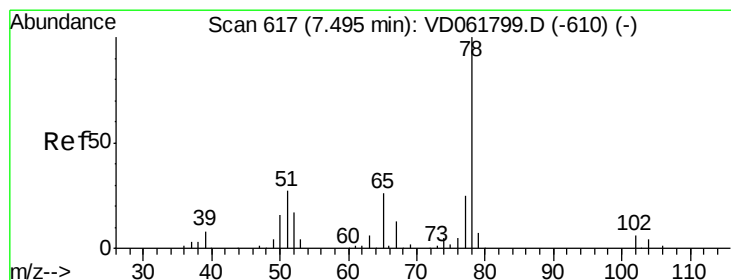
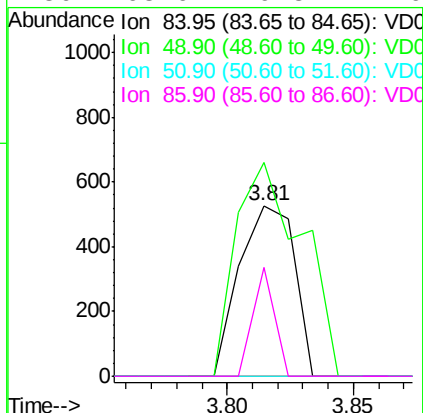
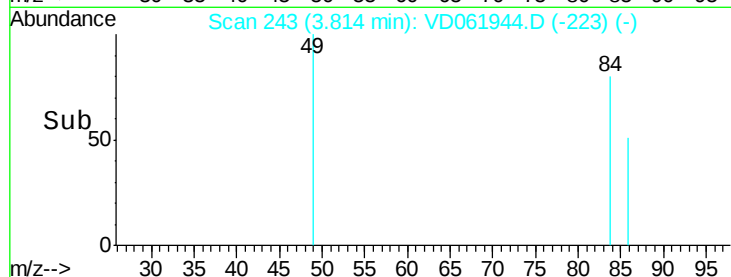
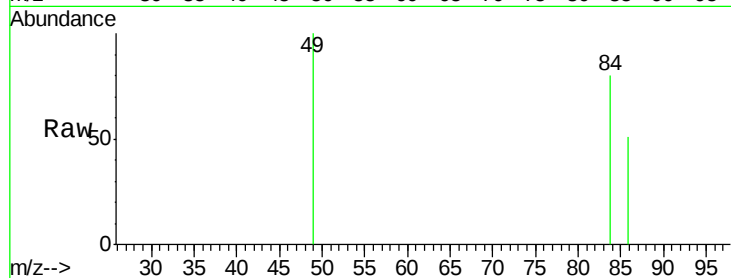




#20
Methylene Chloride
Concen: 11.069 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

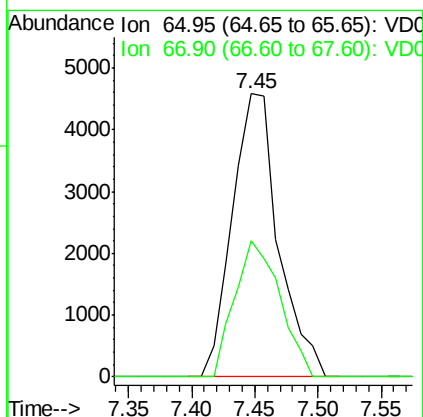
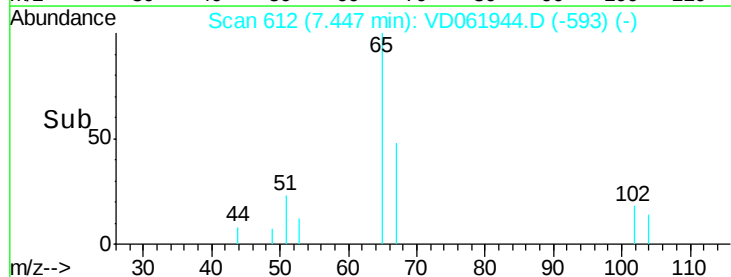
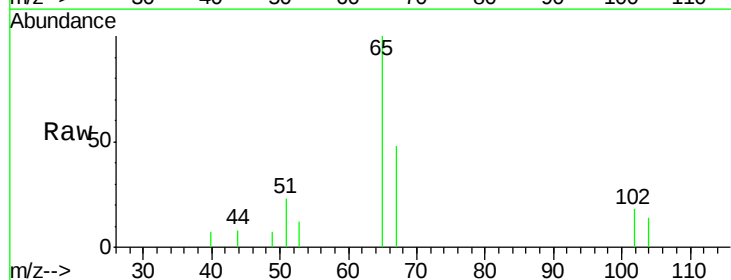
Instrument :
MSVOA_D
ClientSampleId :
SA-06-041819-A

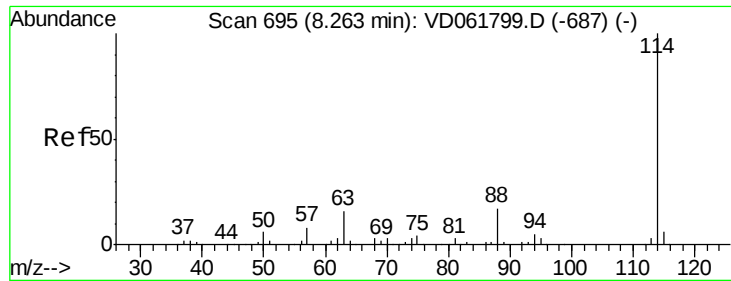
Tot Ion: 84 Resp: 800
Ion Ratio Lower Upper
84 100
49 125.2 94.0 141.0
51 0.0 29.0 43.4#
86 63.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

Tgt Ion: 65 Resp: 11643
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.0

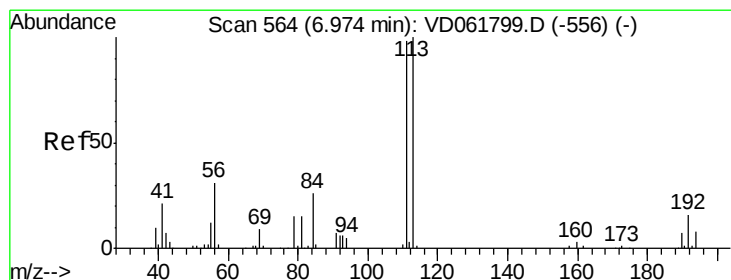
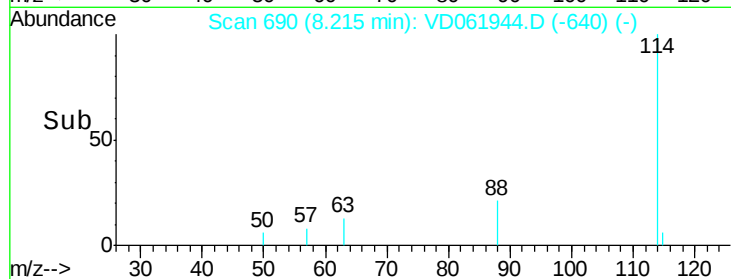
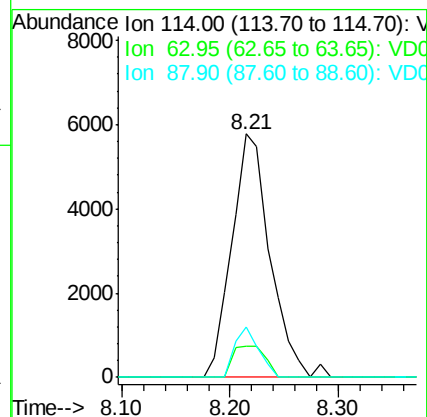
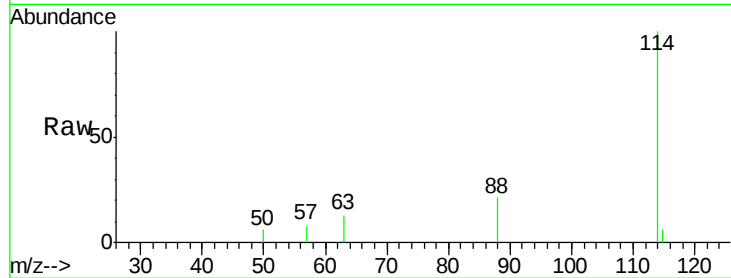




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061944.D
 Acq: 22 Apr 2019 17:47

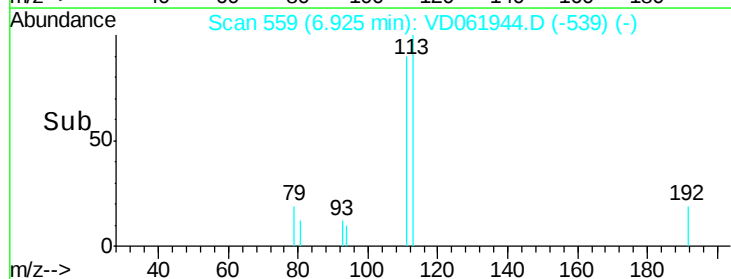
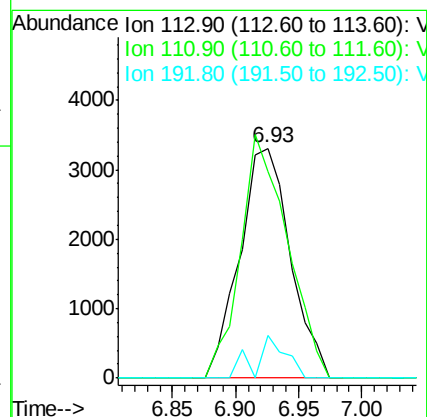
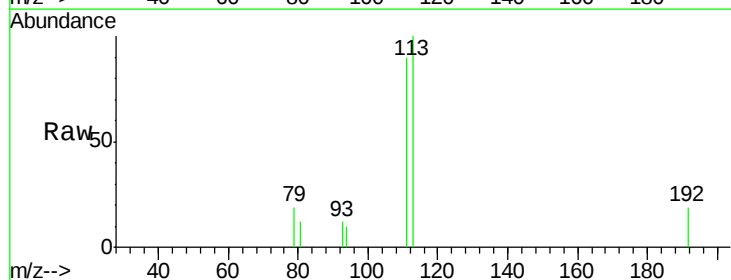
Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-041819-A

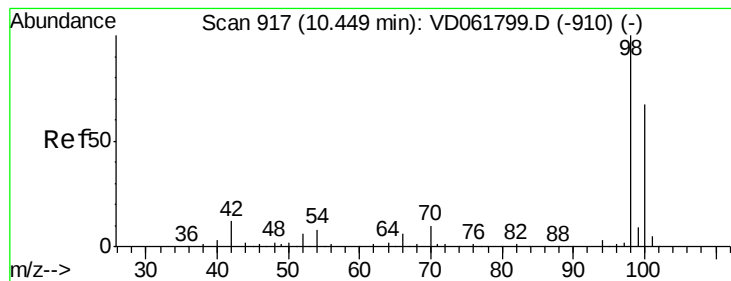
Tot Ion:114 Resp: 14246
 Ion Ratio Lower Upper
 114 100
 63 12.7 0.0 32.4
 88 20.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061944.D
 Acq: 22 Apr 2019 17:47

Tgt Ion:113 Resp: 9264
 Ion Ratio Lower Upper
 113 100
 111 90.0 78.5 117.7
 192 18.5 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061944.D

Acq: 22 Apr 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

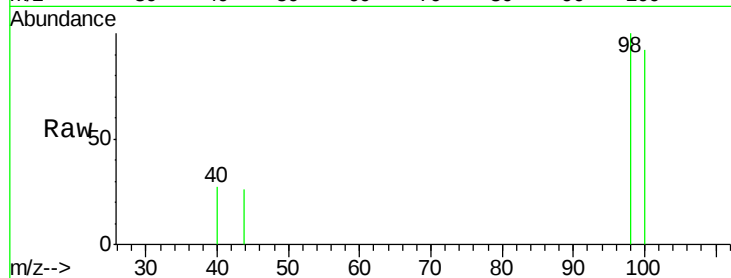
SA-06-041819-A

Tot Ion: 98 Resp: 3717

Ion Ratio Lower Upper

98 100

100 91.6 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) (-)

10.41

1500

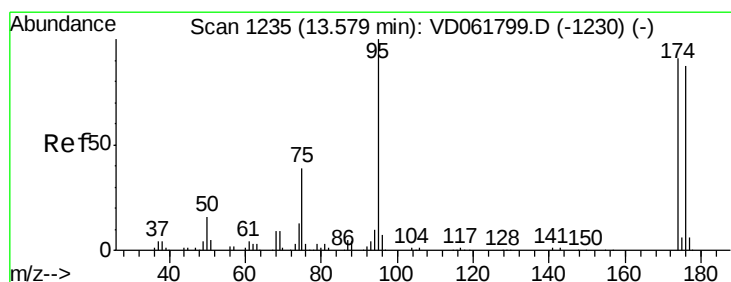
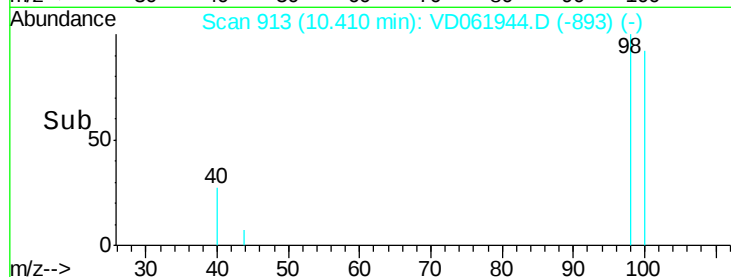
1000

500

0

10.35 10.40 10.45

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061944.D

Acq: 22 Apr 2019 17:47

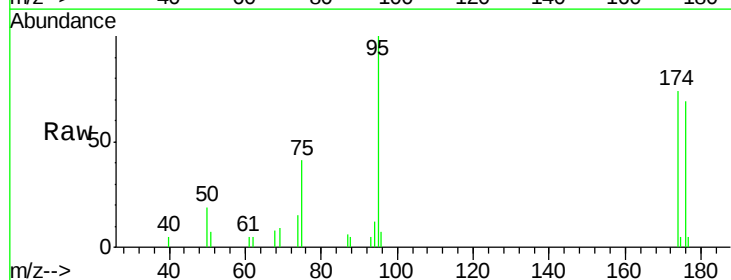
Tgt Ion: 95 Resp: 9548

Ion Ratio Lower Upper

95 100

174 74.4 0.0 181.8

176 68.8 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) (-)

13.55

8000

6000

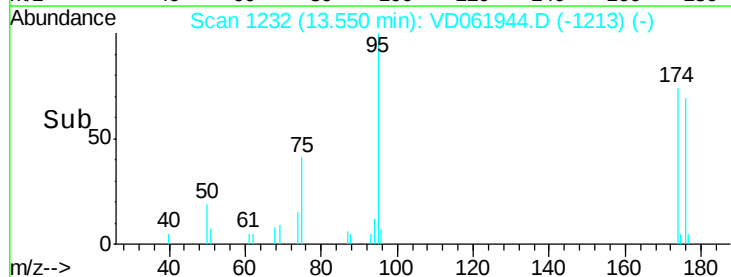
4000

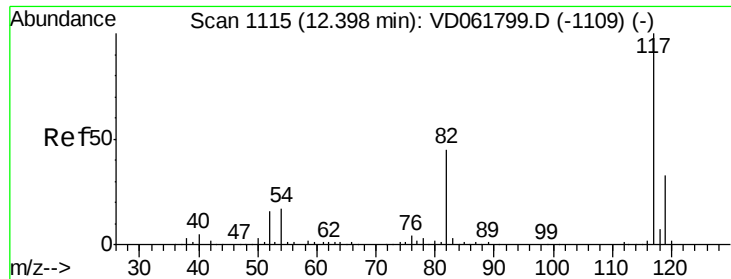
2000

0

13.50 13.55 13.60

Time-->

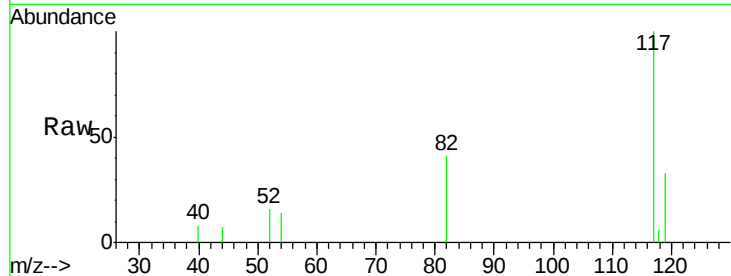




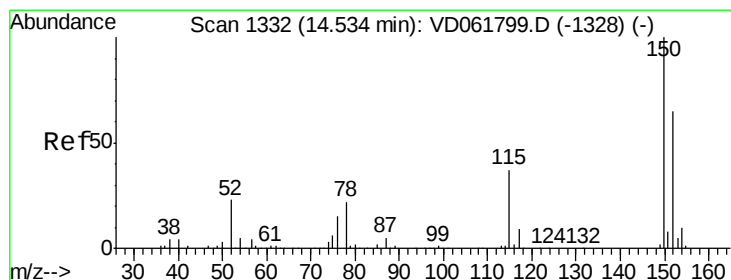
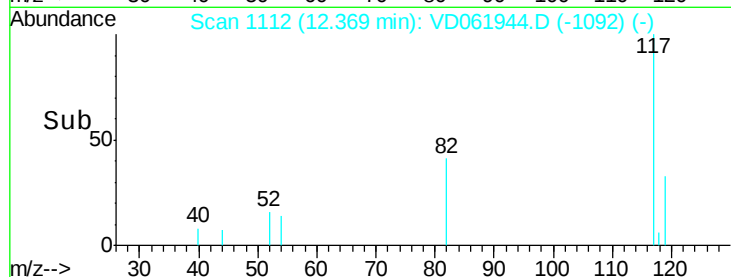
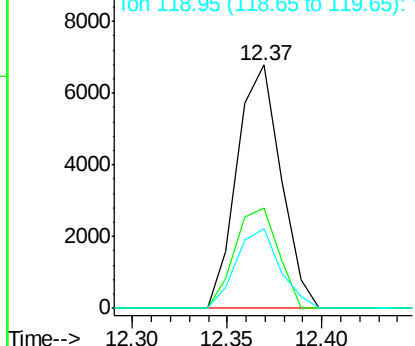
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :
SA-06-041819-A

Tot Ion:117 Resp: 10895
Ion Ratio Lower Upper
117 100
82 41.1 36.2 54.2
119 32.6 26.2 39.4

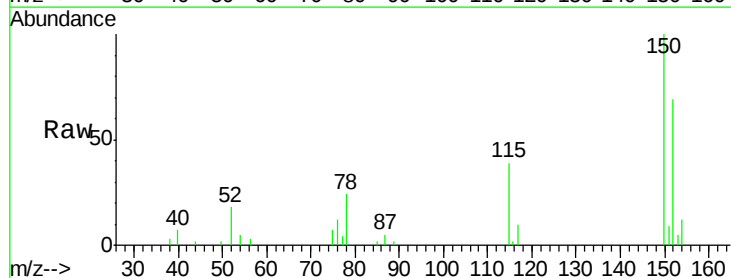


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

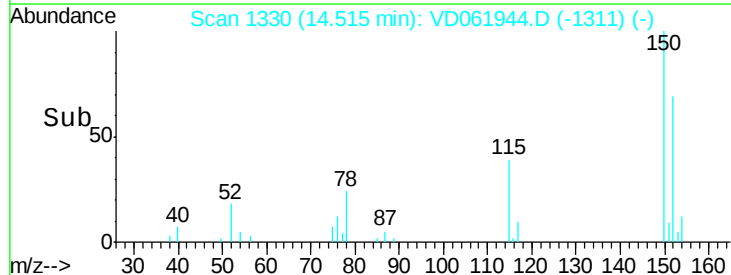
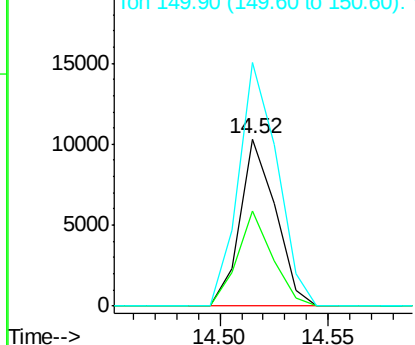


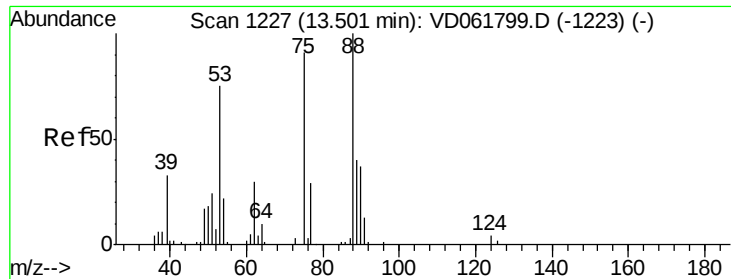
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061944.D
Acq: 22 Apr 2019 17:47

Tgt Ion:152 Resp: 11803
Ion Ratio Lower Upper
152 100
115 57.1 30.9 92.7
150 145.9 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: 70.606 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061944.D

Acq: 22 Apr 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

SA-06-041819-A

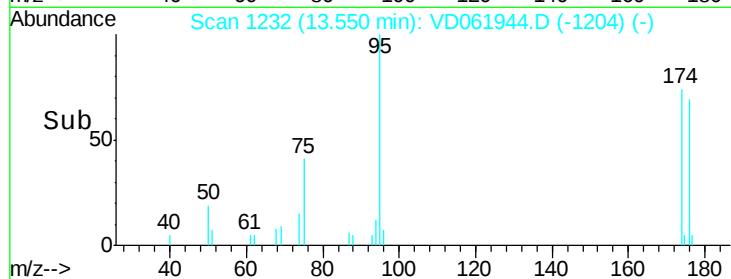
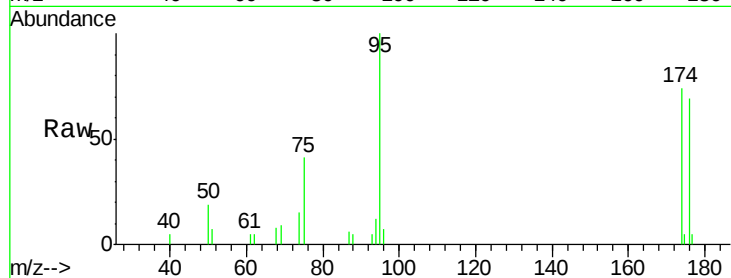
Tot Ion: 75 Resp: 3621

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

