

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061862.D
 Acq On : 17 Apr 2019 19:39
 Operator : VA/AP
 Sample : K2358-06RE
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 18 01:08:02 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

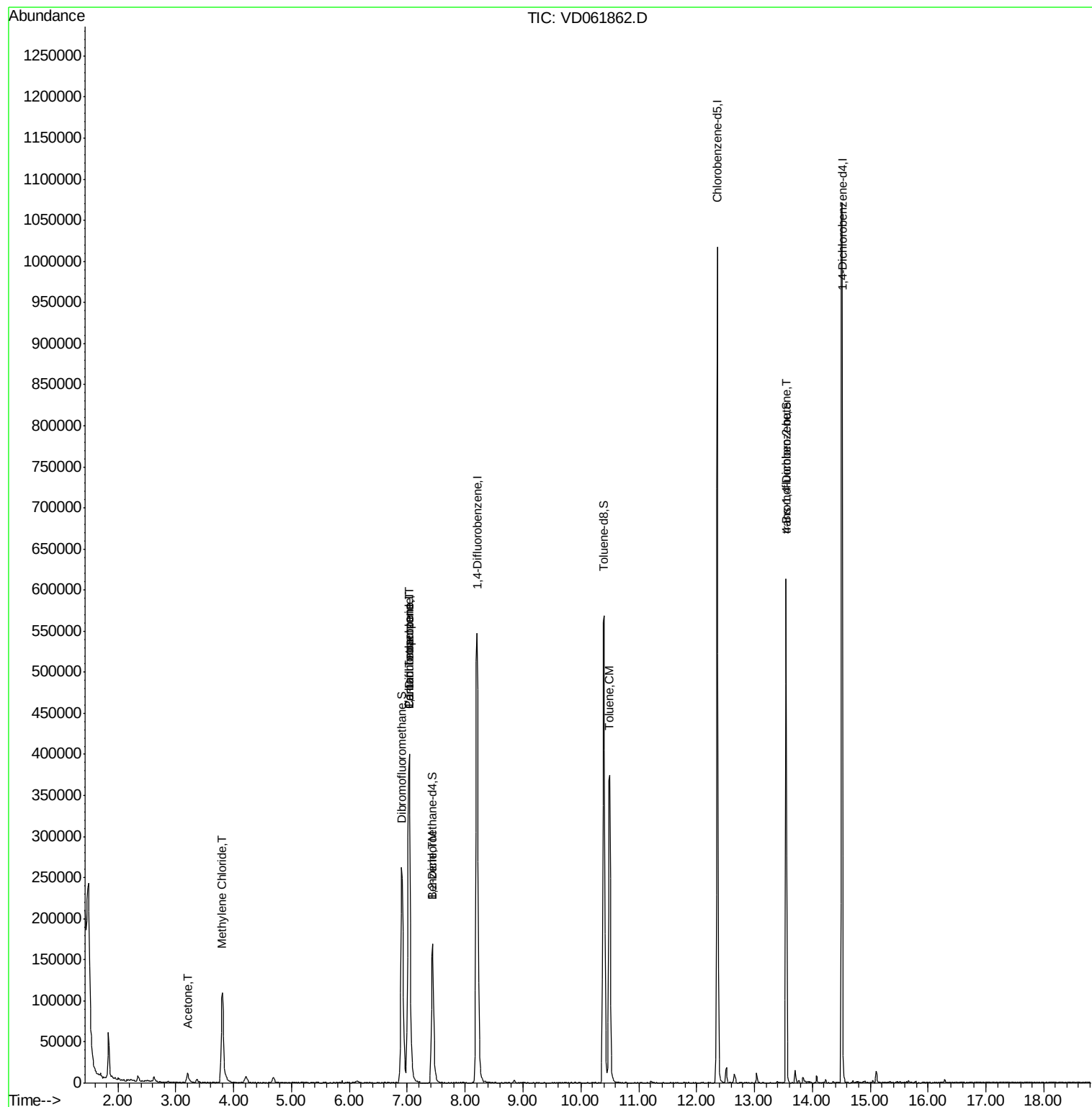
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	429410	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	714406	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	595617	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	280222	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	160566	44.62	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	89.24%	
35) Dibromofluoromethane	6.90	113	255666	47.37	ug/l	-0.07
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	10.40	98	535086	41.84	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.55	95	196604	37.93	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	386	Below Cal	#	12
16) Acetone	3.20	43	24820	27.982	ug/l	94
20) Methylene Chloride	3.80	84	80405	15.029	ug/l	97
36) 1,1-Dichloropropene	7.03	75	30220	5.177	ug/l #	47
38) Carbon Tetrachloride	7.03	117	43417	5.890	ug/l #	15
40) Benzene	7.45	78	26930	1.921	ug/l	96
52) Toluene	10.50	92	211486	23.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.55	75	76681	63.338	ug/l #	16

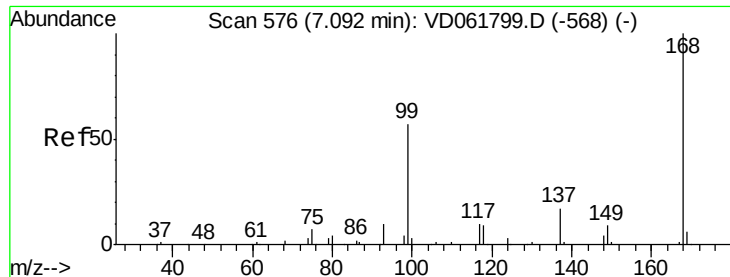
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041719\
Data File : VD061862.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Apr 18 01:08:02 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: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

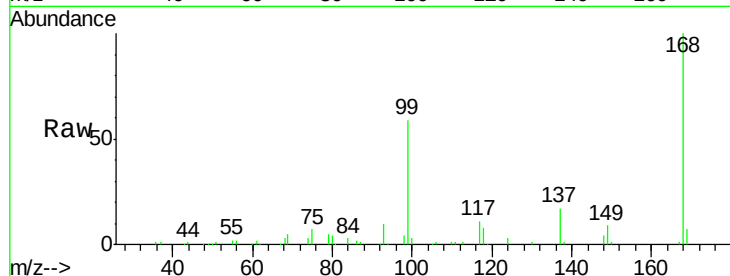
ClientSampleId :

Tot Ion:168 Resp: 429410

Ion Ratio Lower Upper

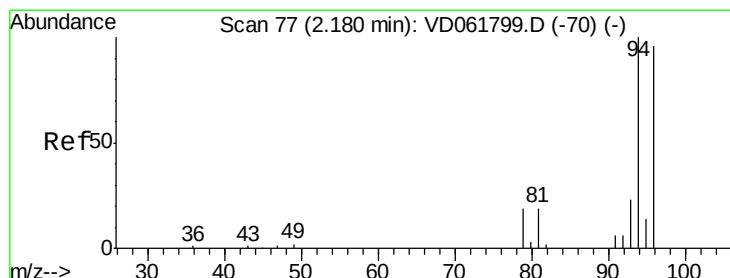
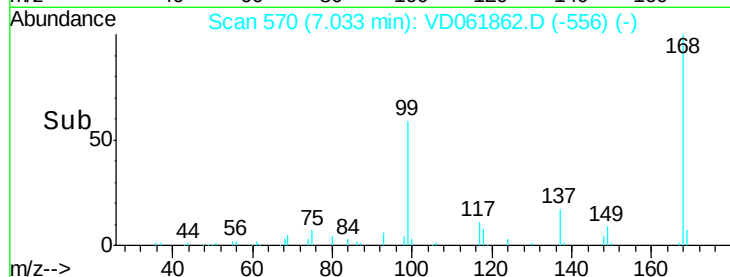
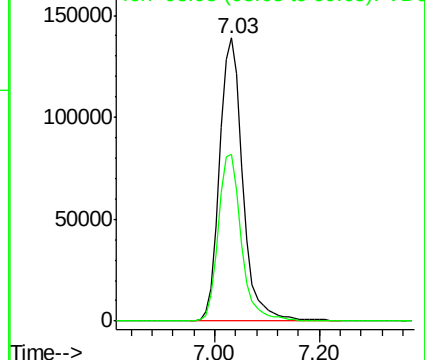
168 100

99 59.0 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: 2.17 min Scan# 76

Delta R.T. -0.01 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

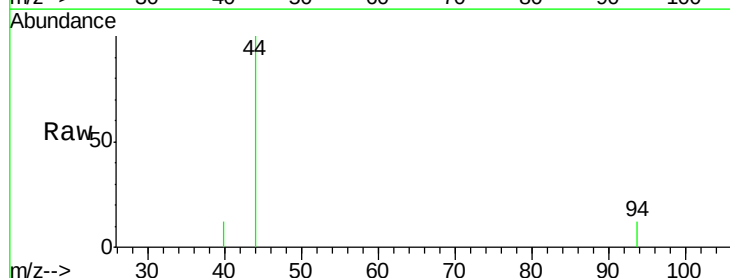
Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

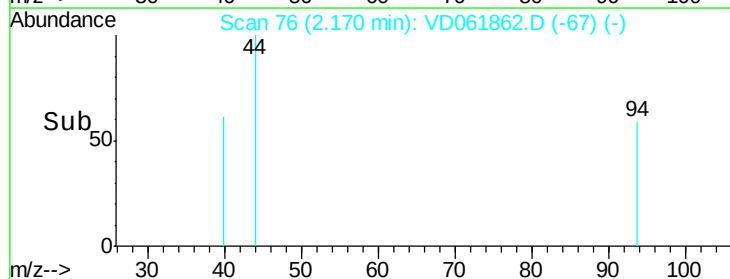
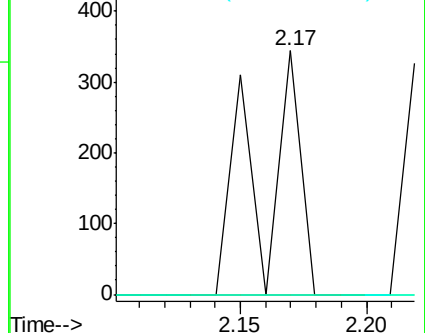
93 0.0 18.5 27.7#

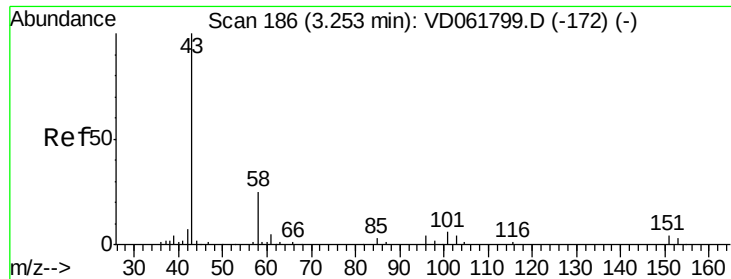


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

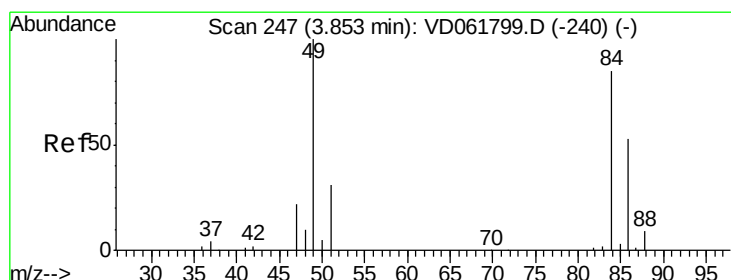
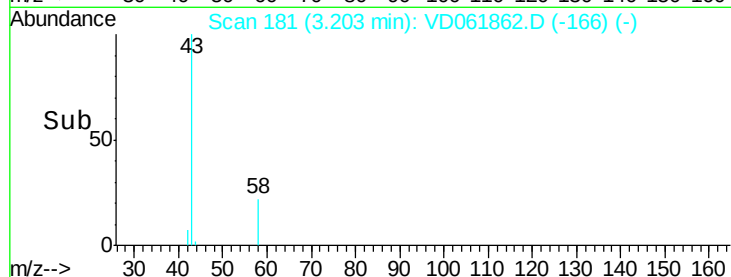
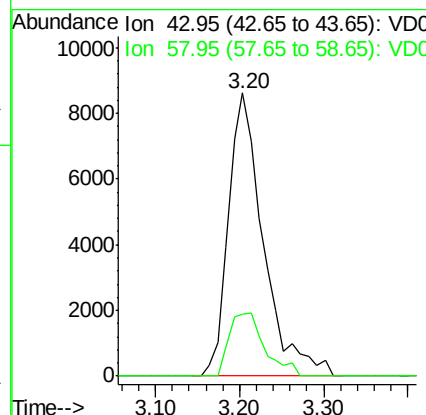
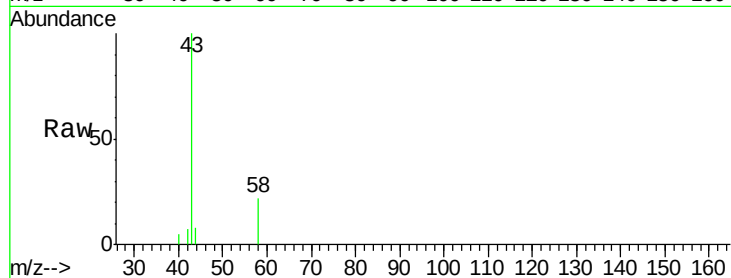




#16
Acetone
Concen: 27.982 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

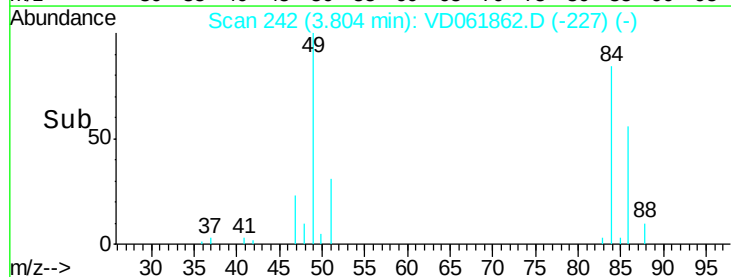
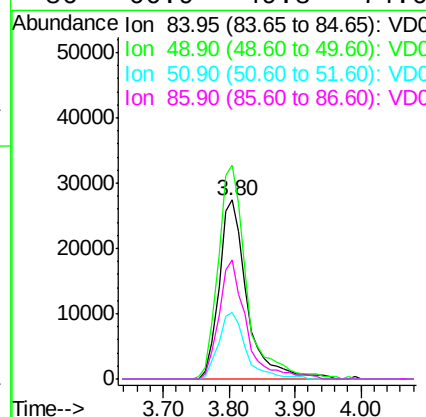
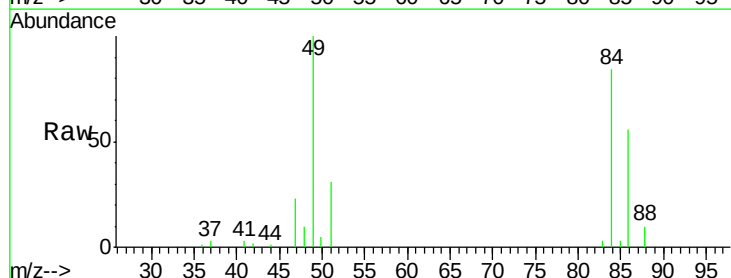
Instrument :
MSVOA_D
ClientSampleId :

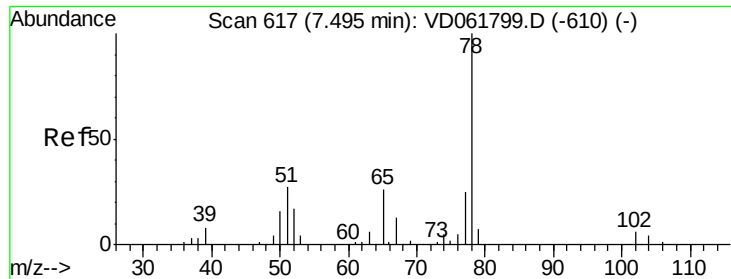
Tot Ion: 43 Resp: 24820
Ion Ratio Lower Upper
43 100
58 22.0 19.9 29.9



#20
Methylene Chloride
Concen: 15.029 ug/l
RT: 3.80 min Scan# 242
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Tgt Ion: 84 Resp: 80405
Ion Ratio Lower Upper
84 100
49 119.3 94.0 141.0
51 37.2 29.0 43.4
86 66.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.06 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

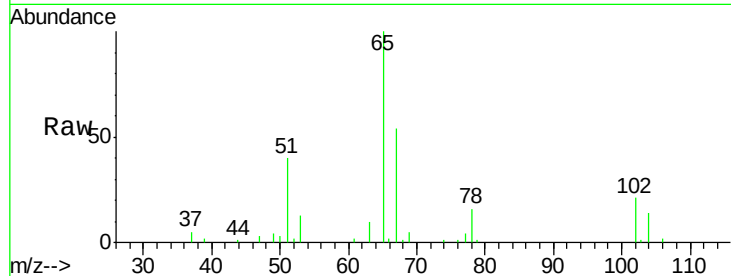
ClientSampleId :

Tot Ion: 65 Resp: 160566

Ion Ratio Lower Upper

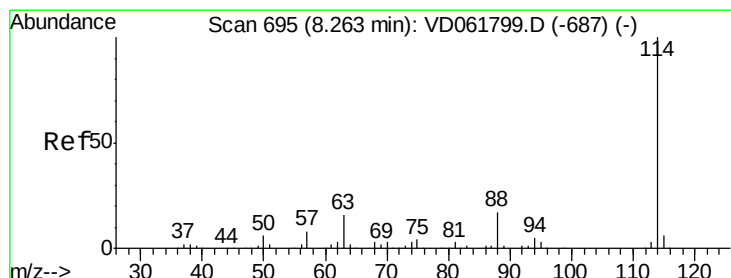
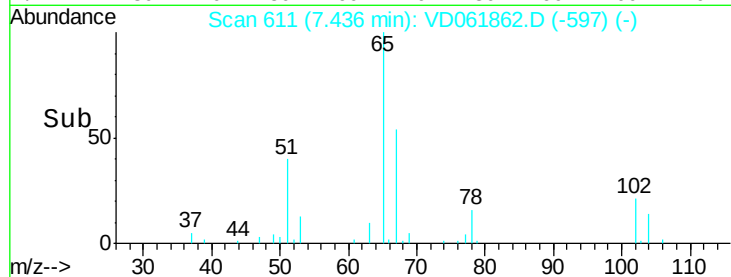
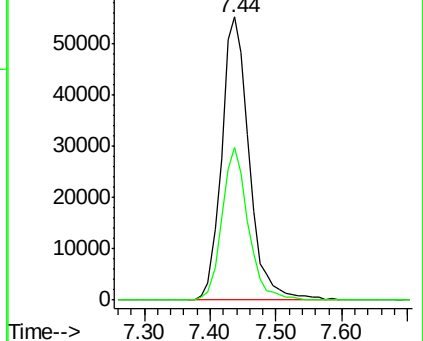
65 100

67 54.0 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: 8.20 min Scan# 689

Delta R.T. -0.06 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

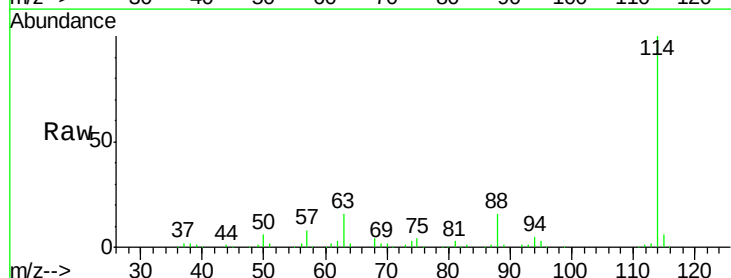
Tgt Ion: 114 Resp: 714406

Ion Ratio Lower Upper

114 100

63 16.1 0.0 32.4

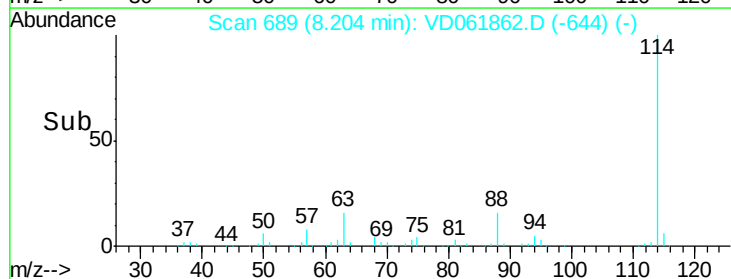
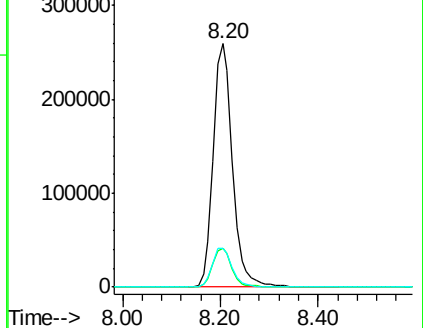
88 15.8 0.0 33.6

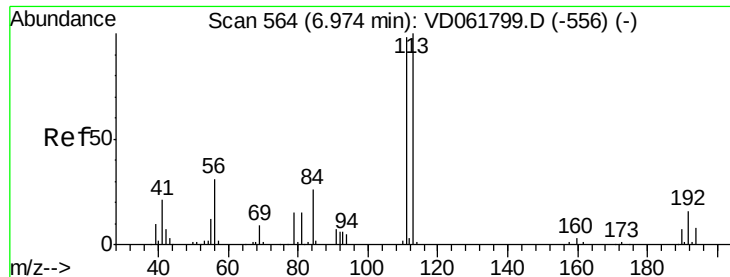


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

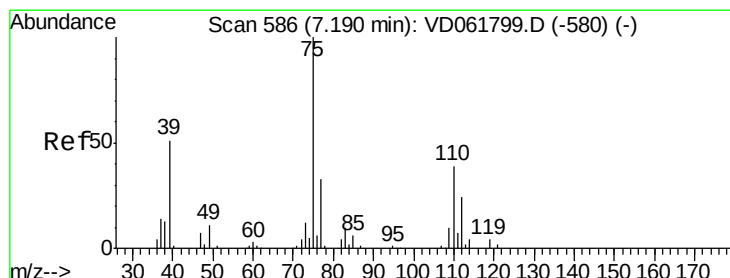
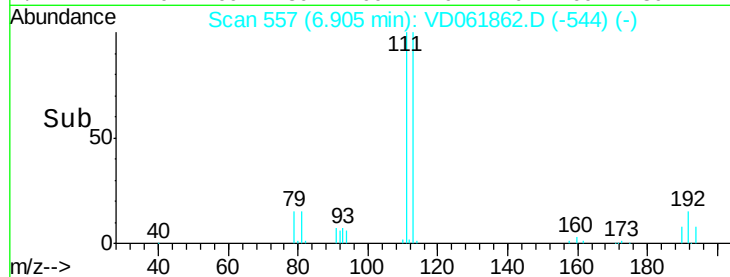
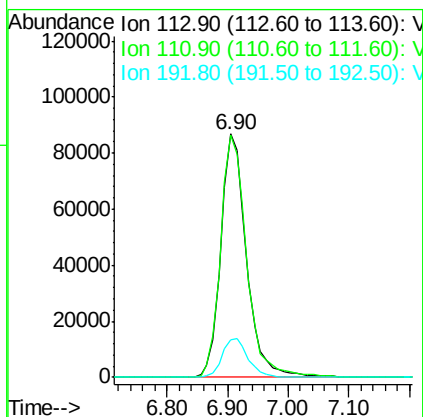
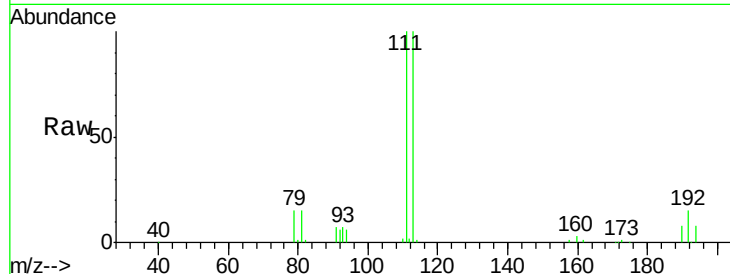




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

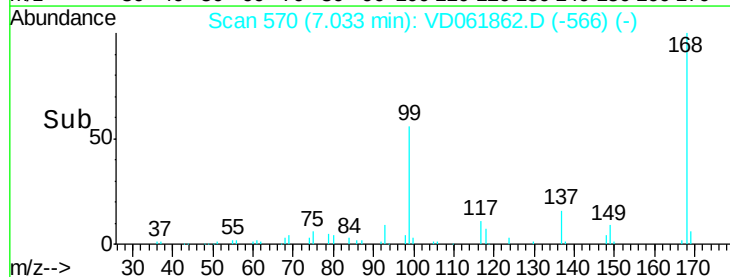
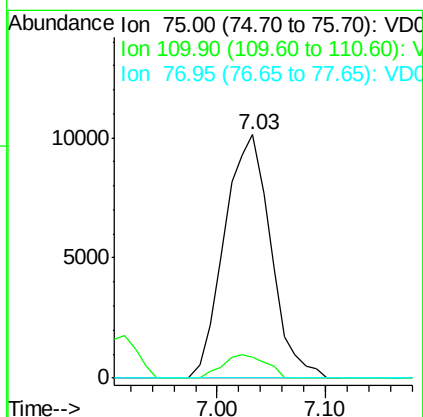
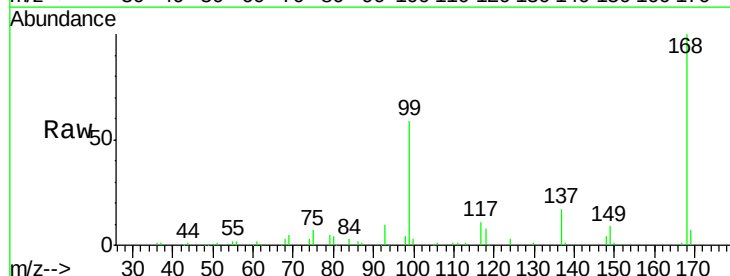
Instrument :
 MSVOA_D
 ClientSampleID :

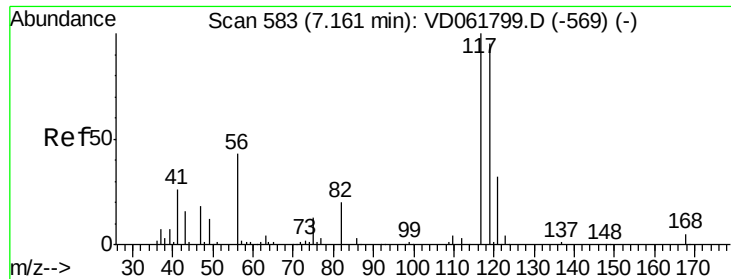
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	78.5	117.7
192	15.4	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 5.177 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.16 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.1#
77	0.0	25.6	38.4#

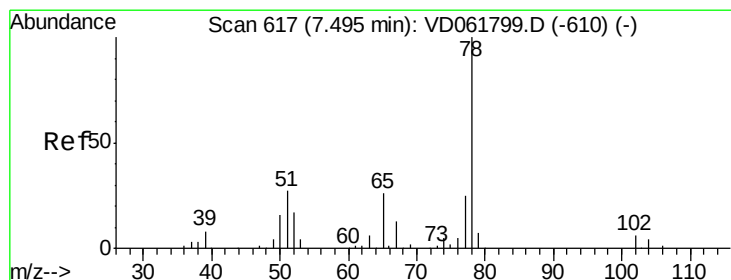
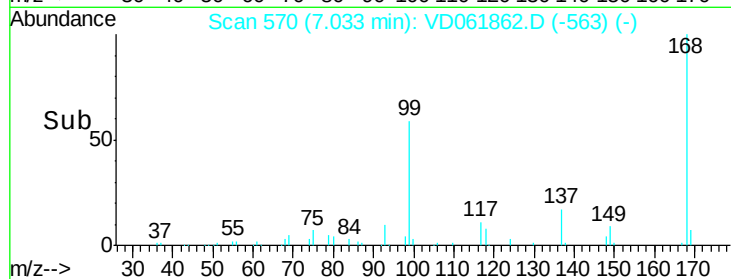
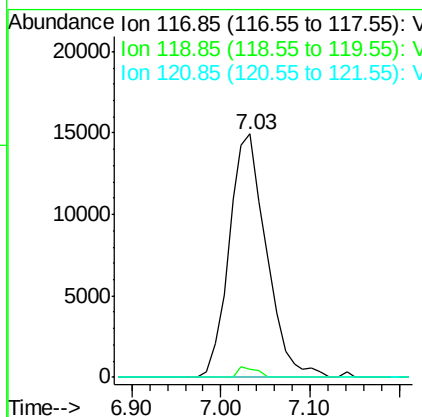
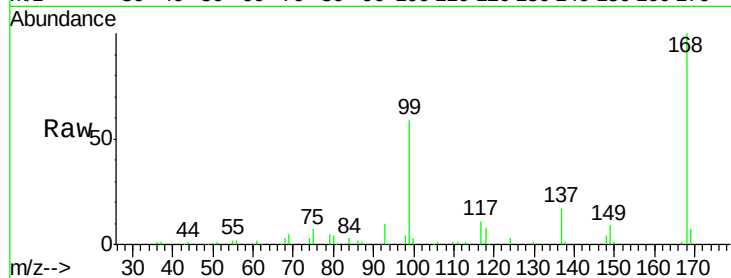




#38
 Carbon Tetrachloride
 Concen: 5.890 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

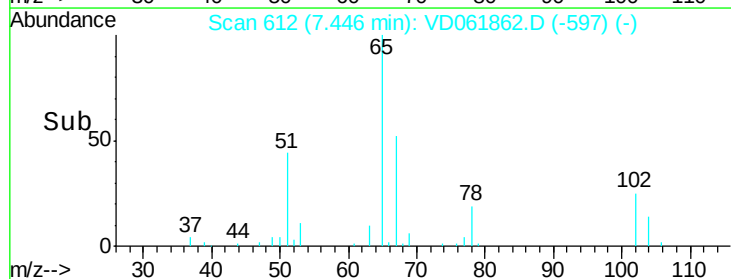
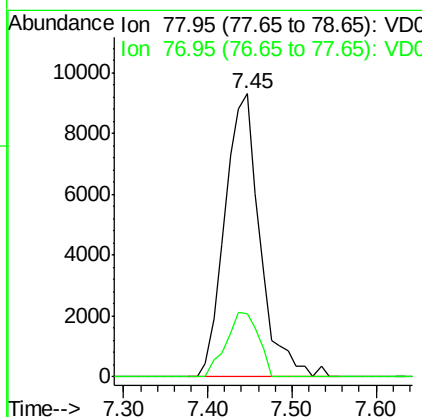
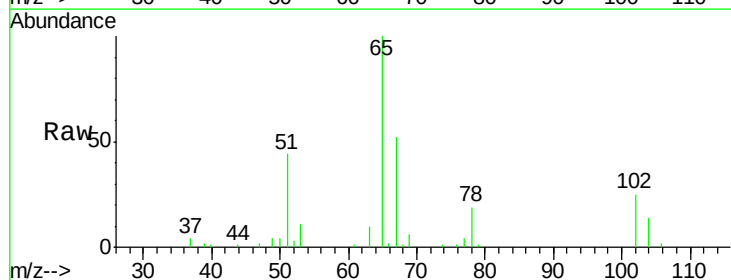
Instrument :
 MSVOA_D
 ClientSampled :

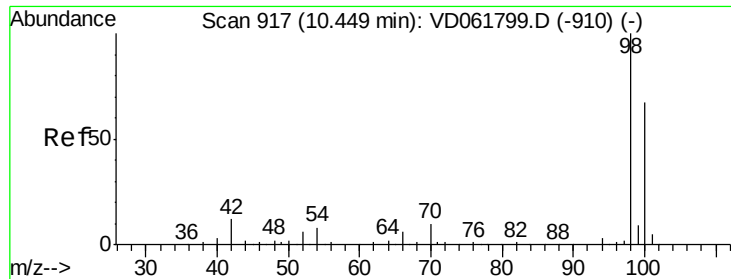
Tot Ion:117 Resp: 43417
 Ion Ratio Lower Upper
 117 100
 119 3.4 75.8 113.8#
 121 0.0 25.9 38.9#



#40
 Benzene
 Concen: 1.921 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

Tgt Ion: 78 Resp: 26930
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.7 29.5

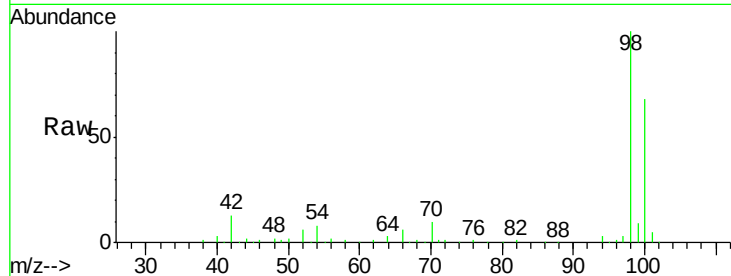




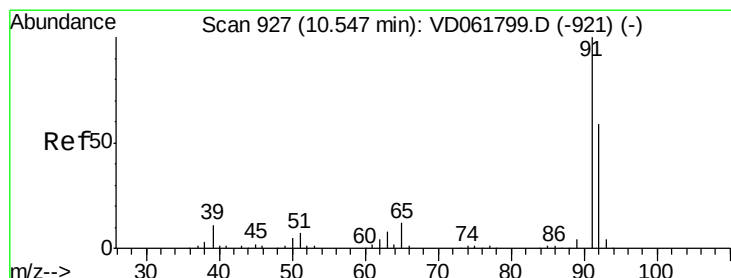
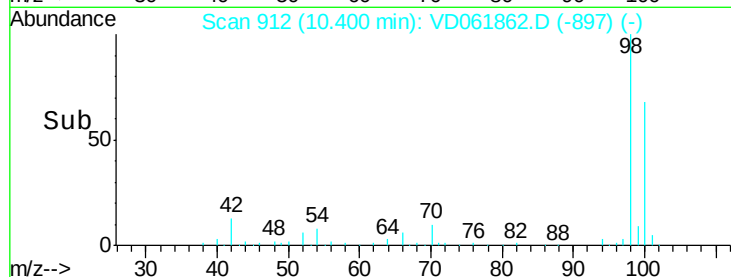
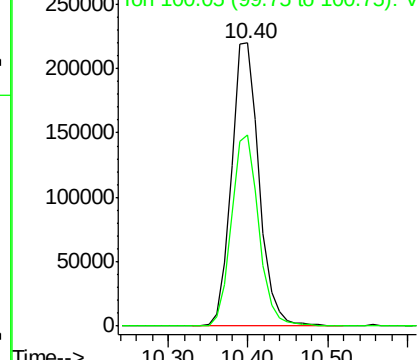
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 535086
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.8

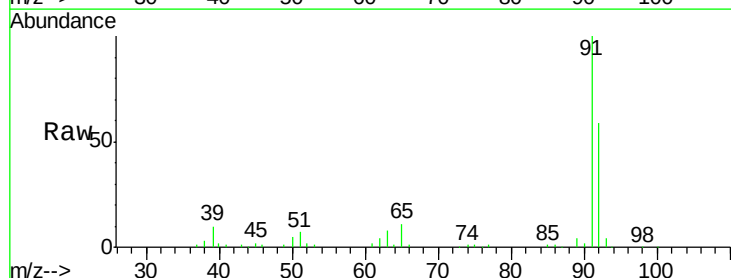


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

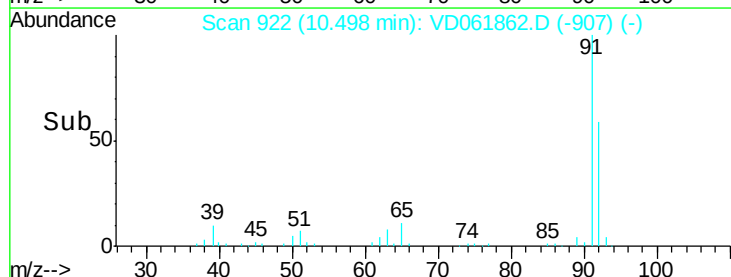
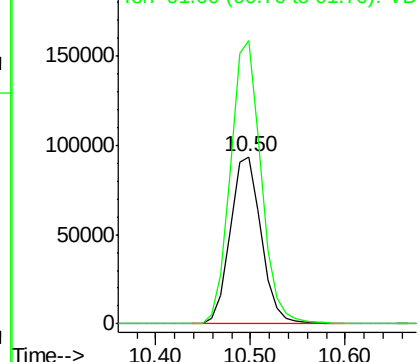


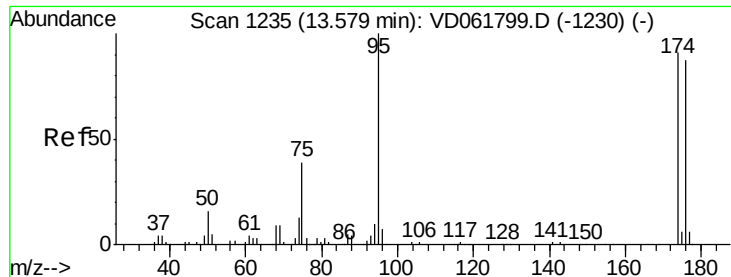
#52
Toluene
Concen: 23.547 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Tgt Ion: 92 Resp: 211486
Ion Ratio Lower Upper
92 100
91 169.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

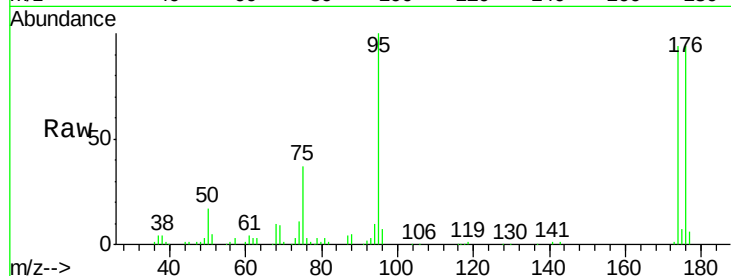
Tot Ion: 95 Resp: 196604

Ion Ratio Lower Upper

95 100

174 94.3 0.0 181.8

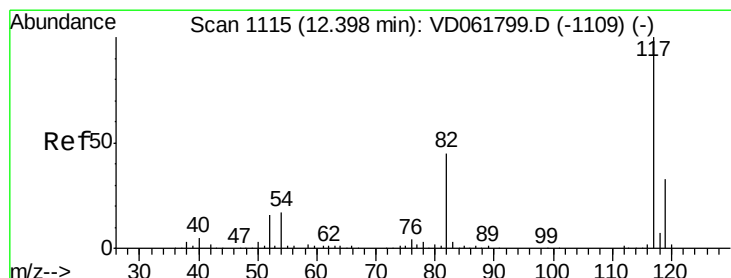
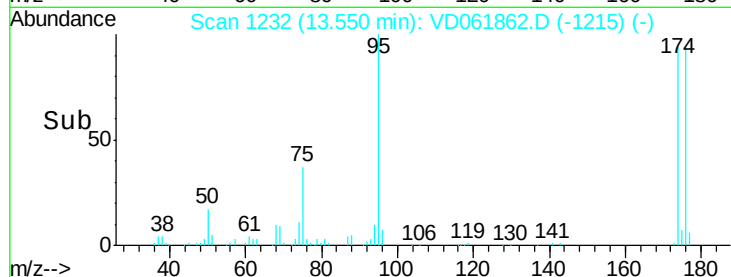
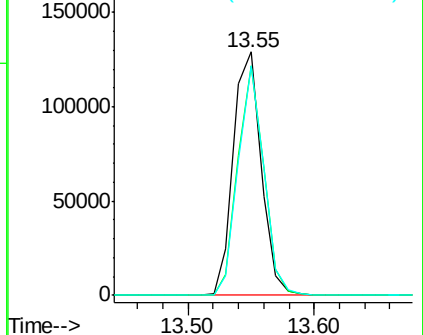
176 94.1 0.0 174.4



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: 12.36 min Scan# 1111

Delta R.T. -0.04 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

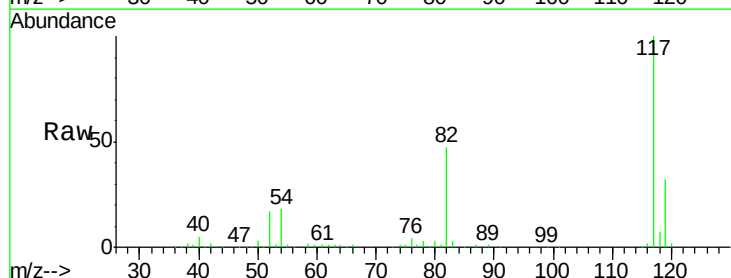
Tgt Ion: 117 Resp: 595617

Ion Ratio Lower Upper

117 100

82 46.8 36.2 54.2

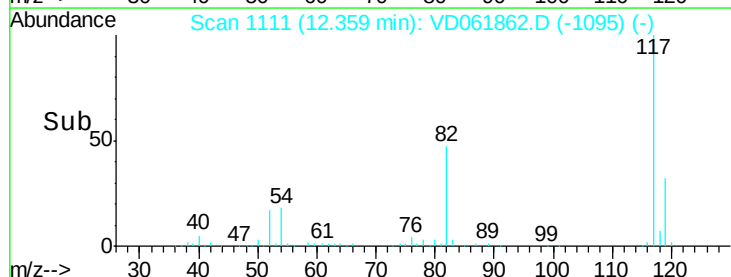
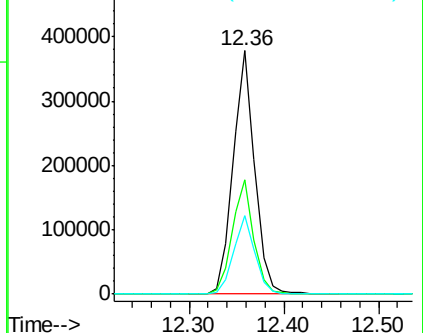
119 32.0 26.2 39.4

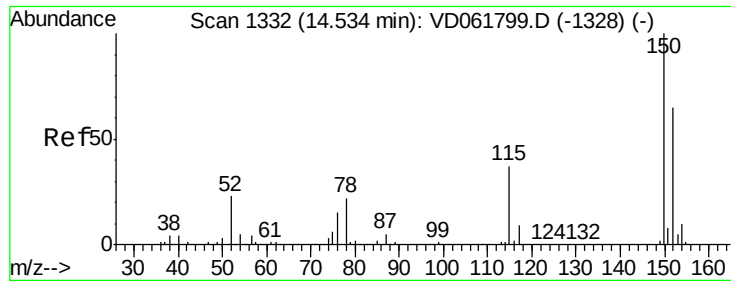


Abundance Ion 116.95 (116.65 to 117.65): VD061799.D (-1109) (-)

Ion 82.05 (81.75 to 82.75): VD061799.D (-1109) (-)

Ion 118.95 (118.65 to 119.65): VD061799.D (-1109) (-)

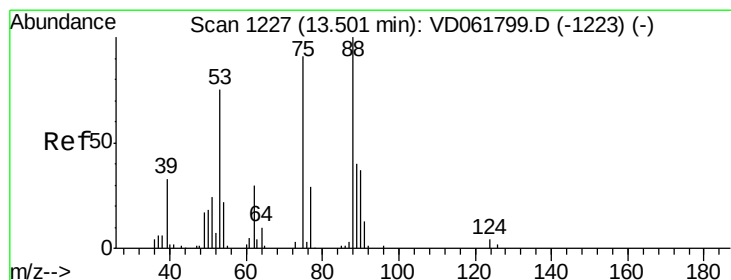
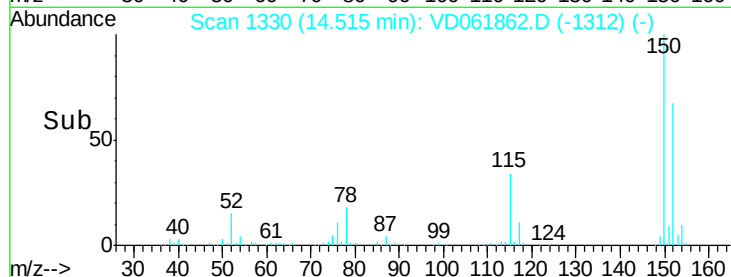
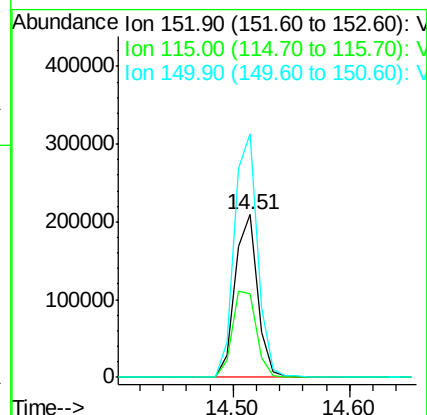
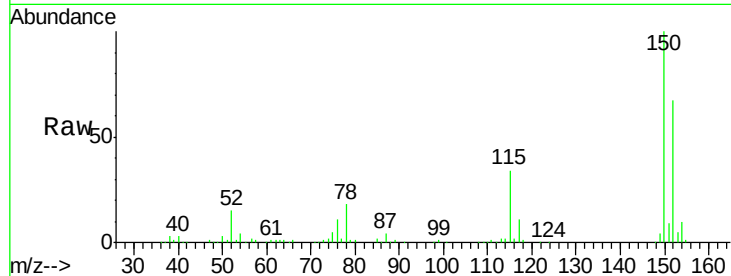




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 280222
 Ion Ratio Lower Upper
 152 100
 115 51.5 30.9 92.7
 150 149.7 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.338 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.05 min
 Lab File: VD061862.D
 Acq: 17 Apr 2019 19:39

Tgt Ion: 75 Resp: 76681
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

