

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061825.D
 Acq On : 16 Apr 2019 23:33
 Operator : VA/AP
 Sample : VD0416SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:35:57 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	614798	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	946693	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	821980	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	361926	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	280386	54.42	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	108.84%	
35) Dibromofluoromethane	6.93	113	409909	57.31	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	114.62%	
50) Toluene-d8	10.42	98	992809	58.58	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	117.16%	
62) 4-Bromofluorobenzene	13.56	95	372984	54.30	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	108.60%	

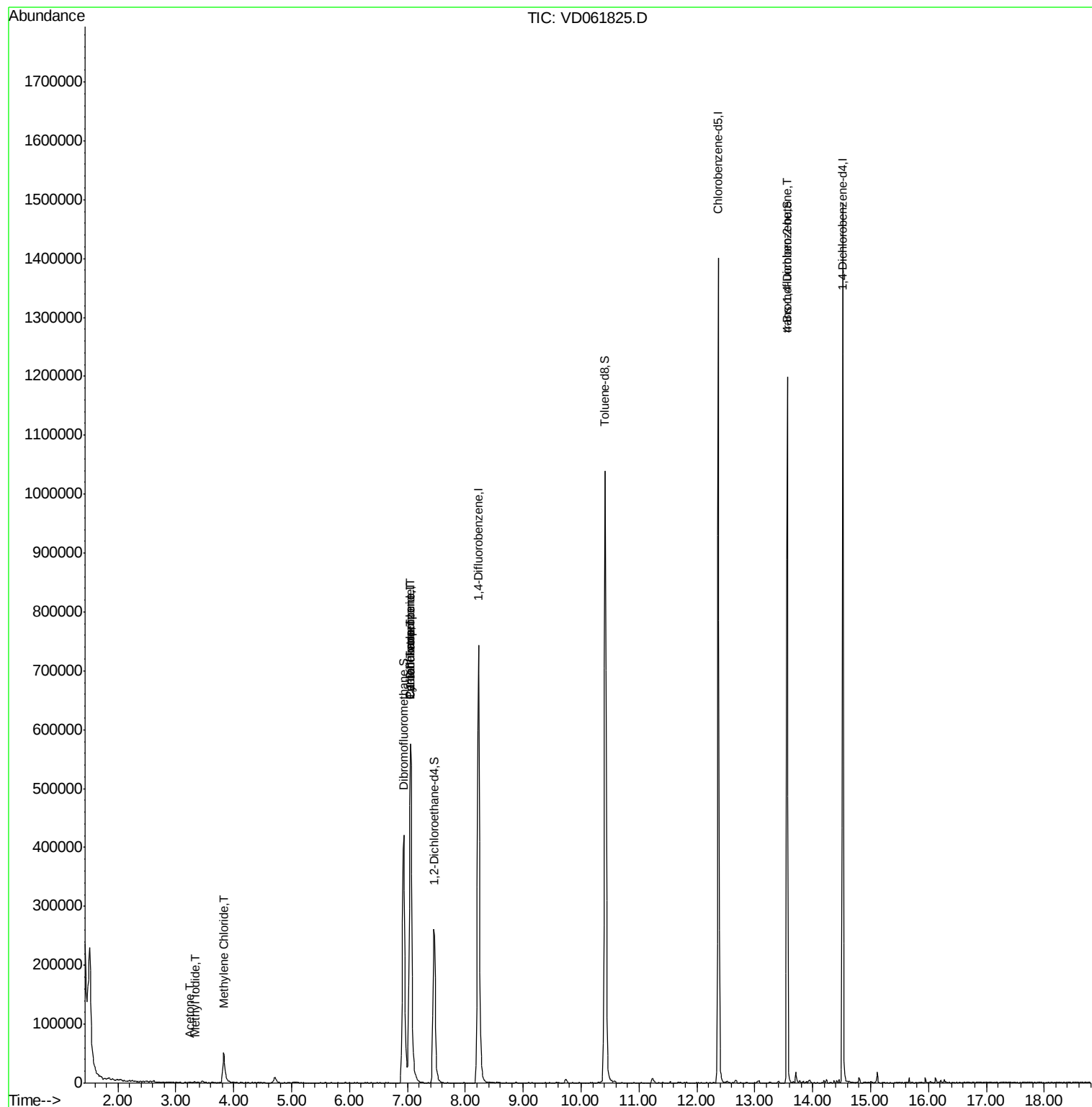
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1157	Below Cal	#	71
10) Methyl Iodide	3.34	142	3212	3.787	ug/l #	91
16) Acetone	3.22	43	2557	2.014	ug/l #	50
20) Methylene Chloride	3.82	84	40327	1.983	ug/l #	96
31) Cyclohexane	7.05	56	9958	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	42718	5.522	ug/l #	49
38) Carbon Tetrachloride	7.05	117	60735	6.218	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	142214	89.501	ug/l #	16

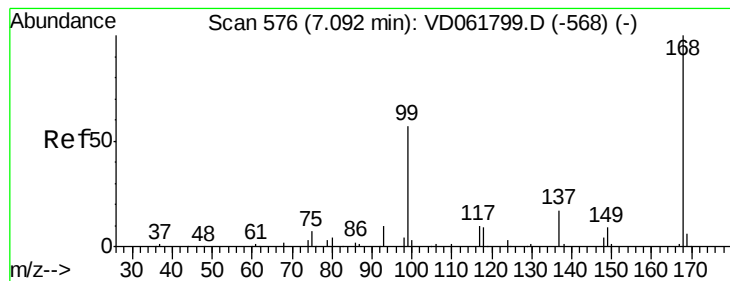
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061825.D
Acq On : 16 Apr 2019 23:33
Operator : VA/AP
Sample : VD0416SBL02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 01:35:57 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# 572

Delta R.T. -0.04 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

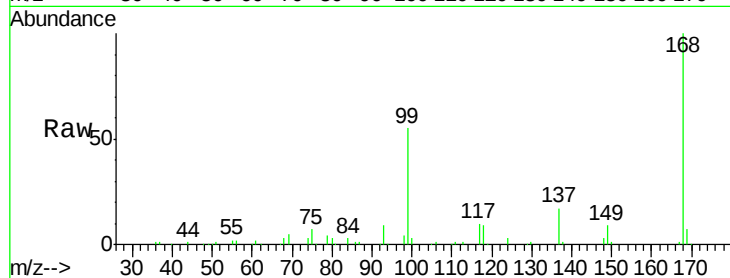
ClientSampleId :

Tot Ion:168 Resp: 614798

Ion Ratio Lower Upper

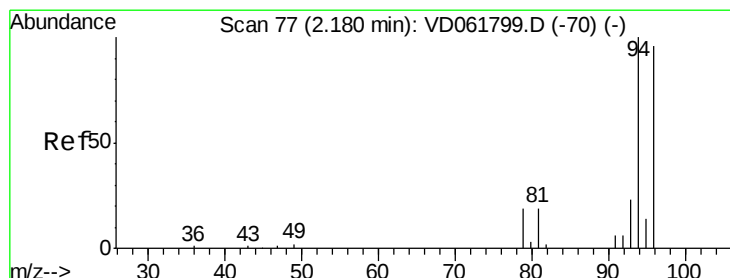
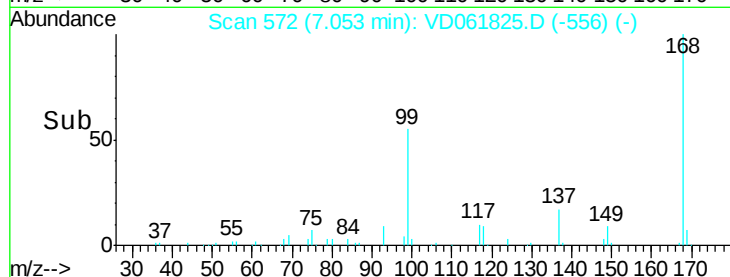
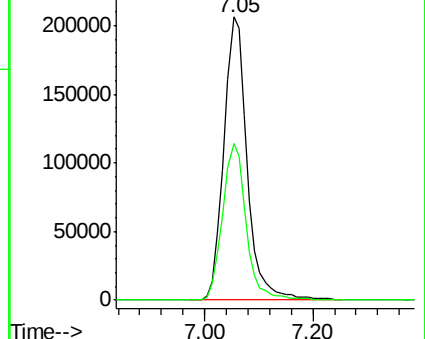
168 100

99 55.4 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: VD061825.D

Acq: 16 Apr 2019 23:33

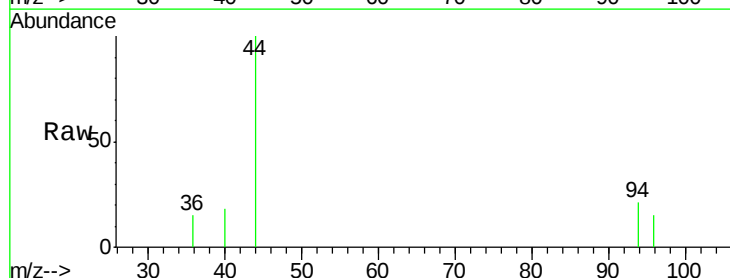
Tgt Ion: 94 Resp: 1157

Ion Ratio Lower Upper

94 100

96 71.6 76.6 115.0#

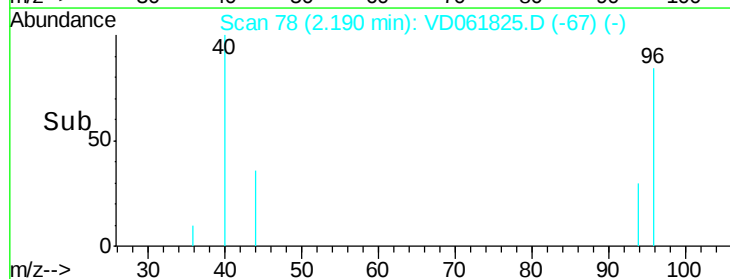
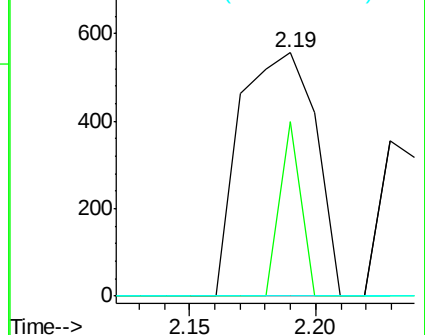
93 0.0 18.5 27.7#

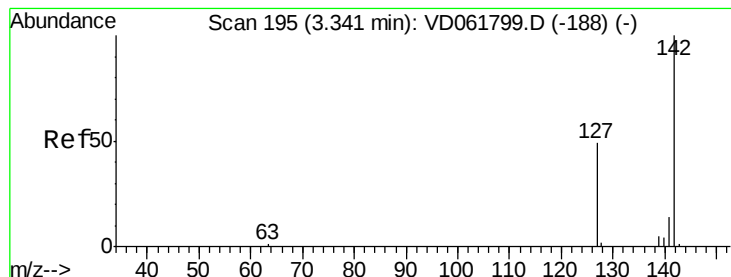


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#10

Methvl Iodide

Concen: 3.787 ug/l

RT: 3.34 min Scan# 195

Delta R.T. 0.00 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

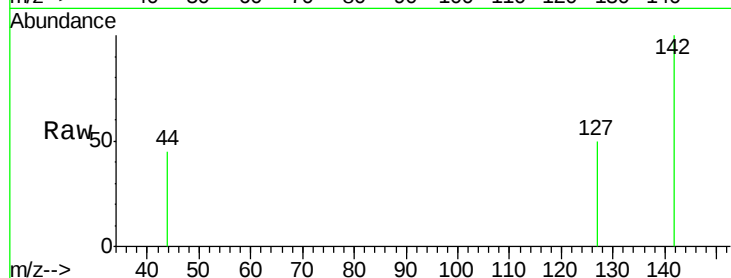
Tot Ion:142 Resp: 3212

Ion Ratio Lower Upper

142 100

127 49.9 38.8 58.2

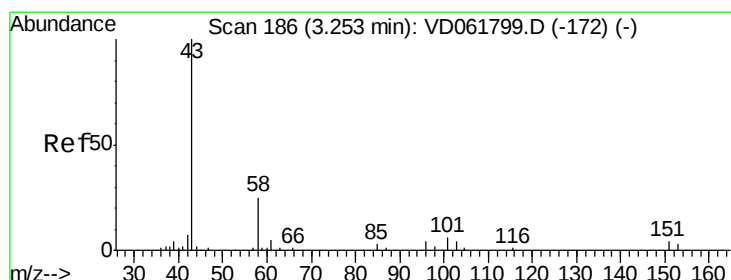
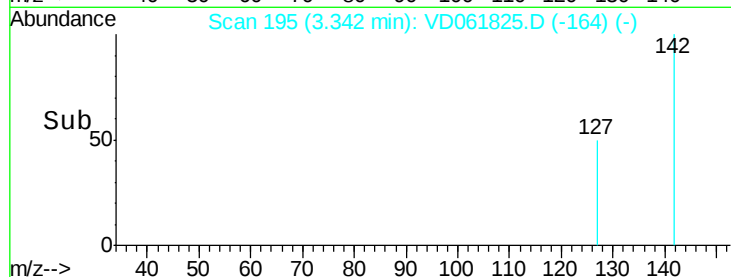
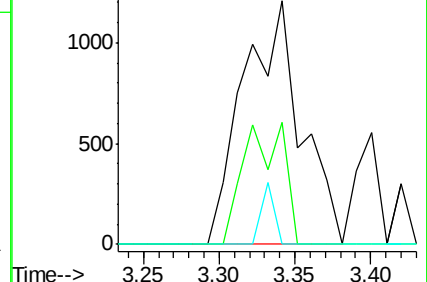
141 0.0 11.4 17.0#



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: 2.014 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.03 min

Lab File: VD061825.D

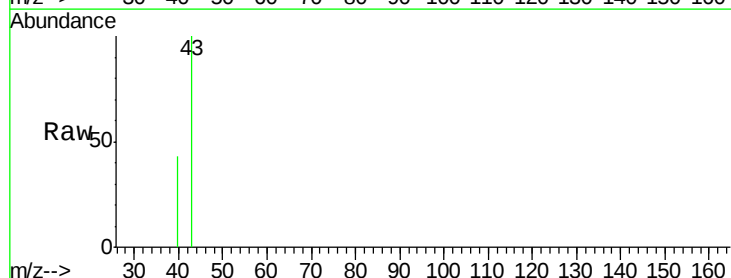
Acq: 16 Apr 2019 23:33

Tgt Ion: 43 Resp: 2557

Ion Ratio Lower Upper

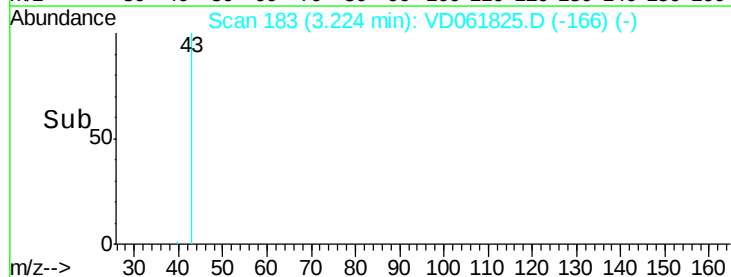
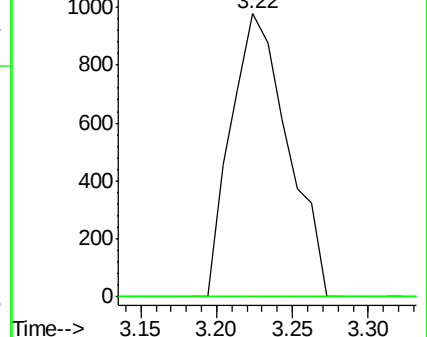
43 100

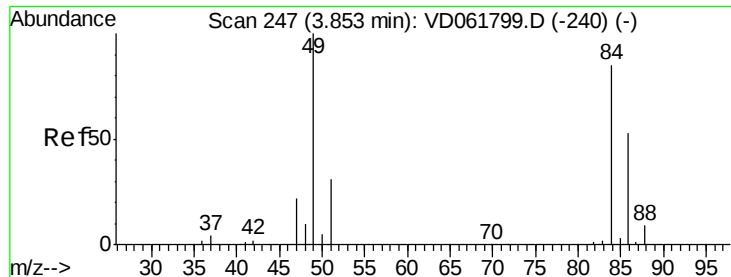
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 57.95 (57.65 to 58.65): V

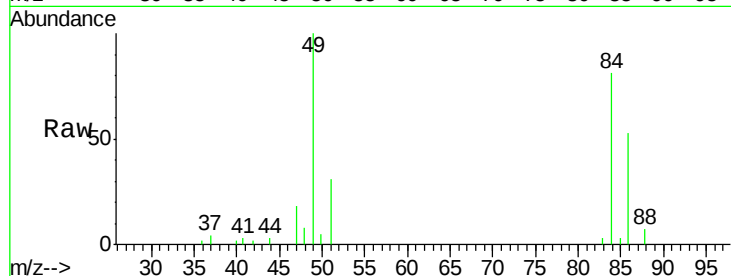




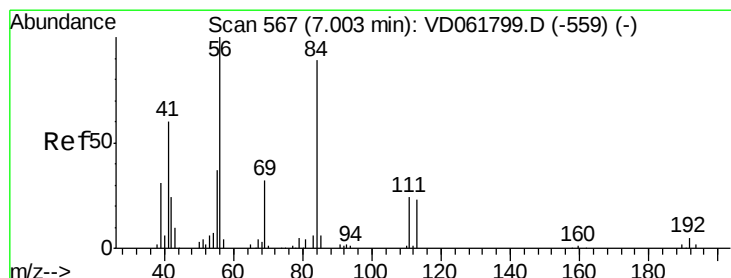
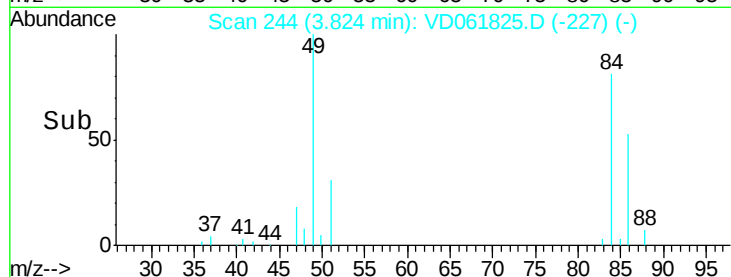
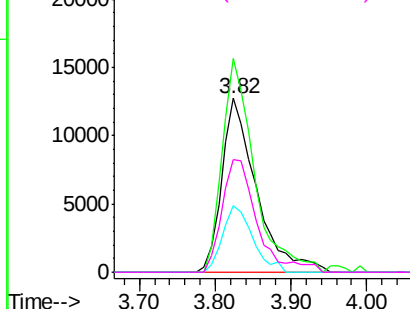
#20
Methvlene Chloride
Concen: 1.983 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061825.D
Acq: 16 Apr 2019 23:33

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 40327
Ion Ratio Lower Upper
84 100
49 122.8 94.0 141.0
51 38.5 29.0 43.4
86 64.6 49.8 74.6

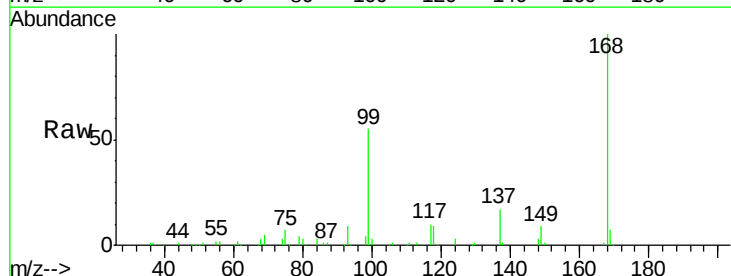


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

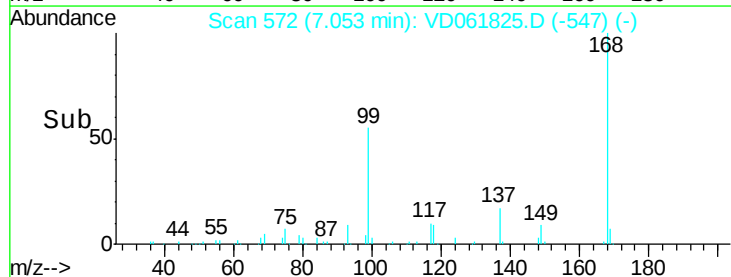
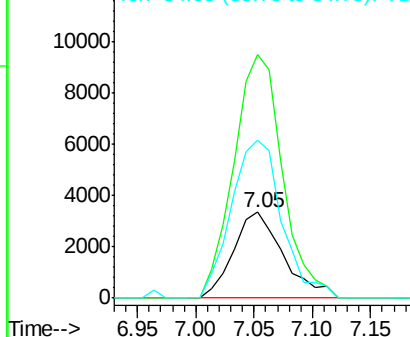


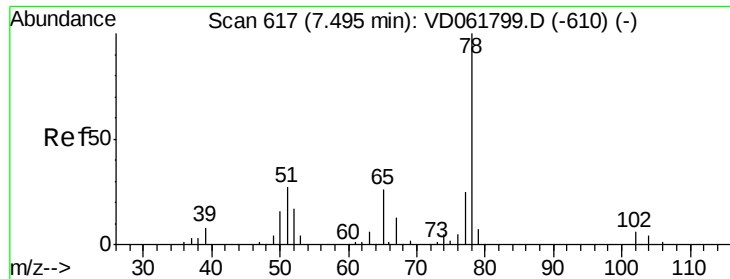
#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.05 min
Lab File: VD061825.D
Acq: 16 Apr 2019 23:33

Tgt Ion: 56 Resp: 9958
Ion Ratio Lower Upper
56 100
69 283.3 25.8 38.6#
84 184.2 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

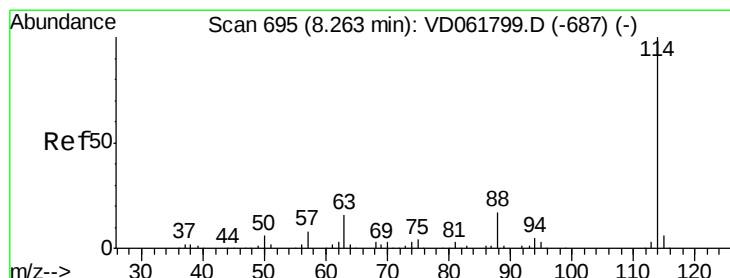
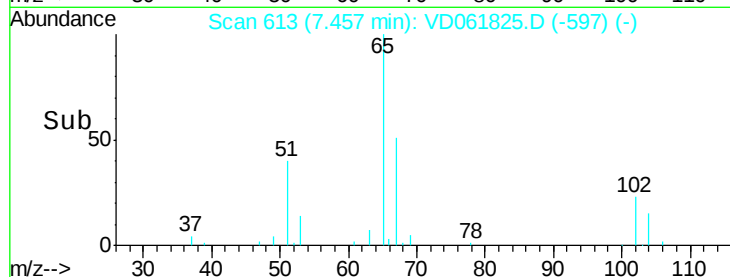
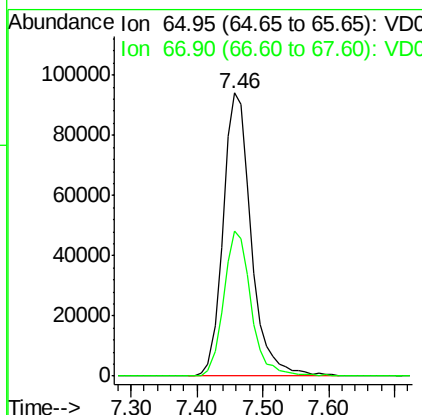
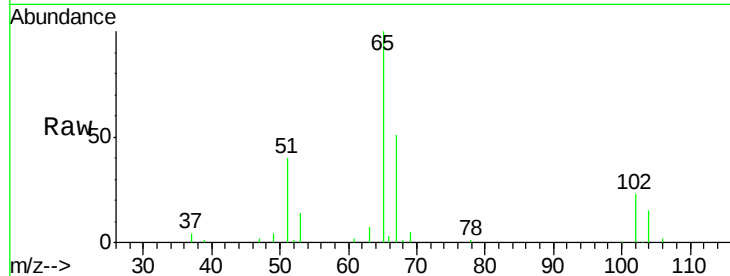




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.04 min
 Lab File: VD061825.D
 Acq: 16 Apr 2019 23:33

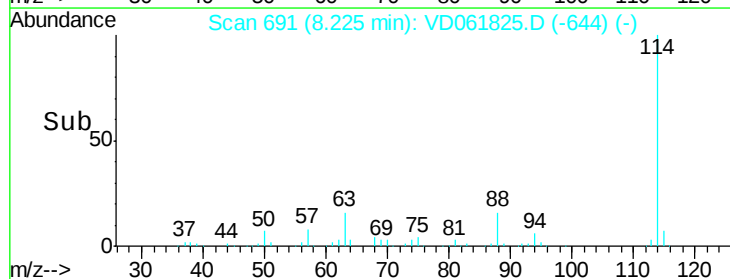
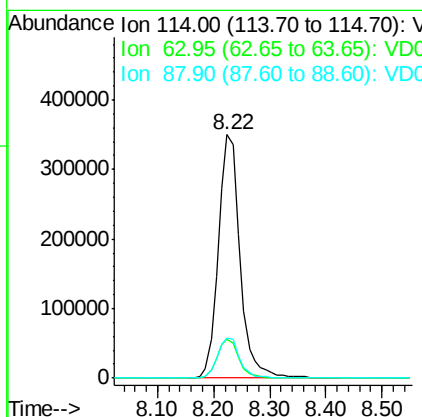
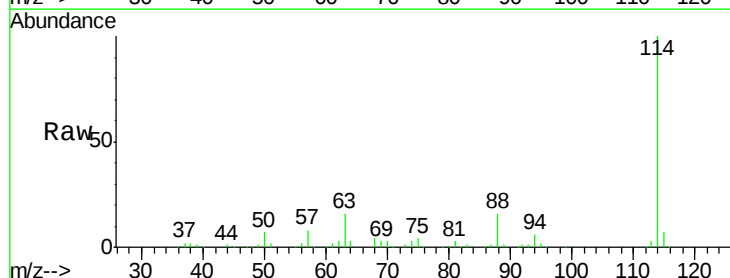
Instrument :
 MSVOA_D
 ClientSampleId :

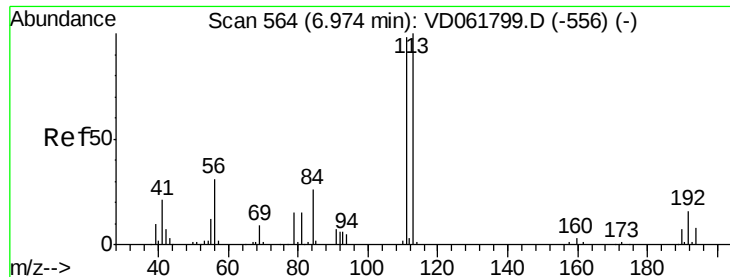
Tot Ion: 65 Resp: 280386
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061825.D
 Acq: 16 Apr 2019 23:33

Tgt Ion: 114 Resp: 946693
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 32.4
 88 16.3 0.0 33.6

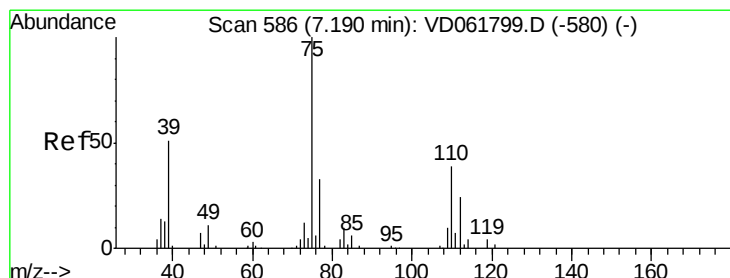
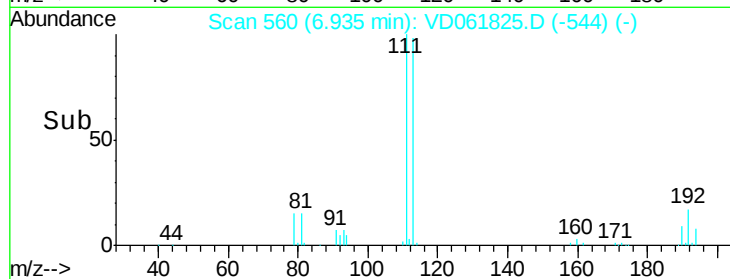
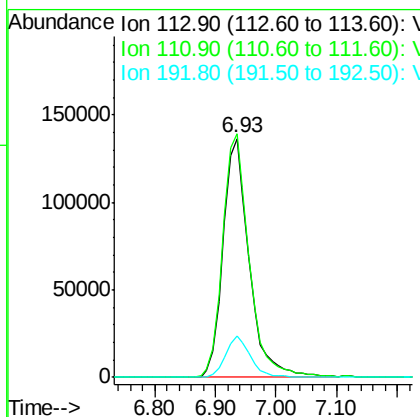
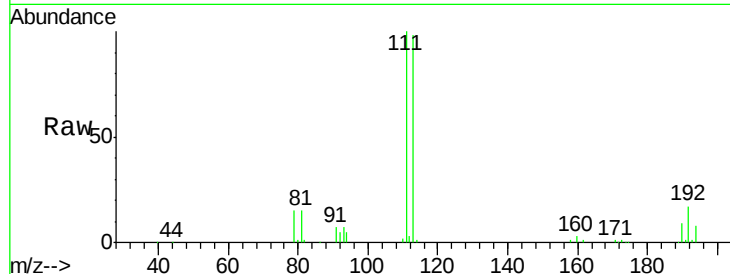




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.04 min
 Lab File: VD061825.D
 Acq: 16 Apr 2019 23:33

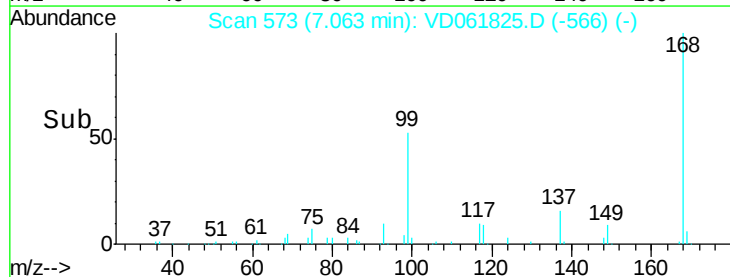
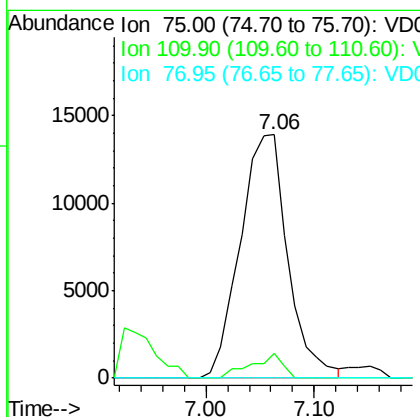
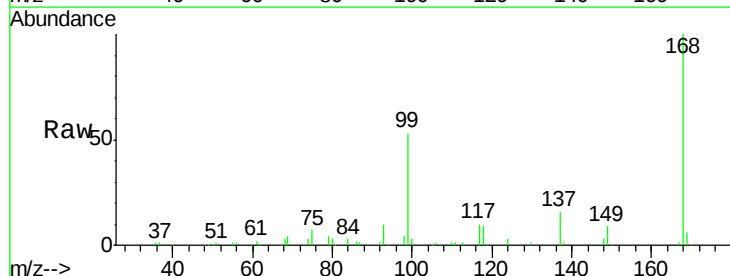
Instrument :
 MSVOA_D
 ClientSampleId :

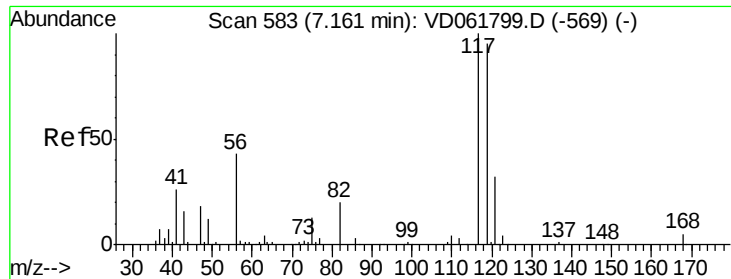
Tot Ion:113 Resp: 409909
 Ion Ratio Lower Upper
 113 100
 111 101.9 78.5 117.7
 192 17.3 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 5.522 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.13 min
 Lab File: VD061825.D
 Acq: 16 Apr 2019 23:33

Tgt Ion: 75 Resp: 42718
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.6 38.4#

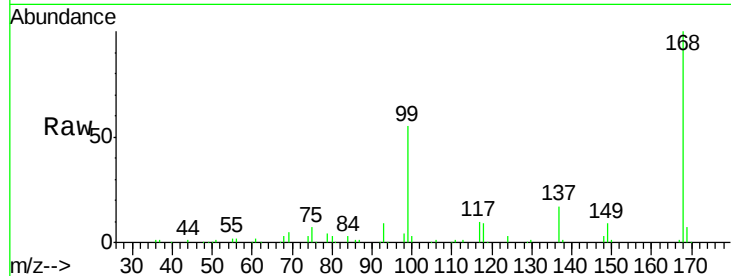




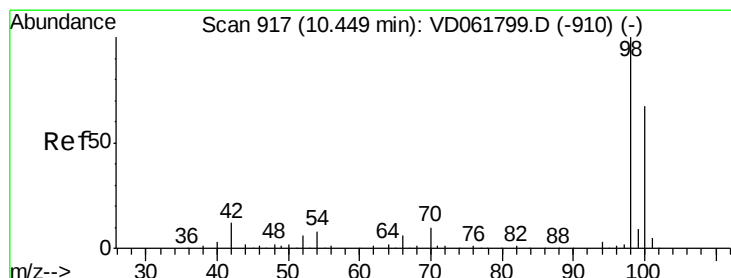
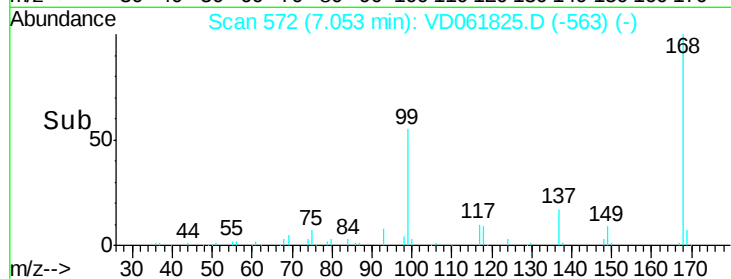
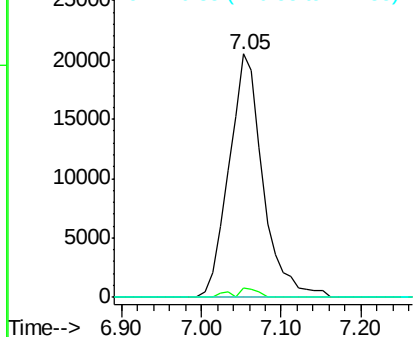
#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD061825.D
Acq: 16 Apr 2019 23:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 60735
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 25.9 38.9#

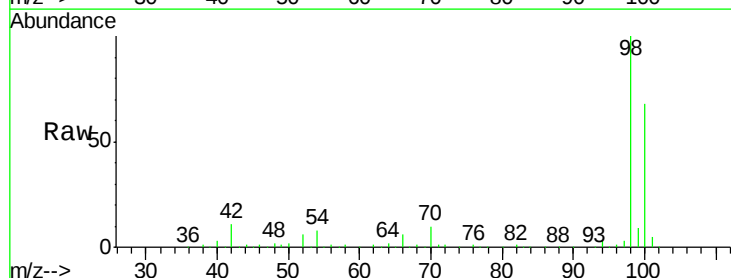


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

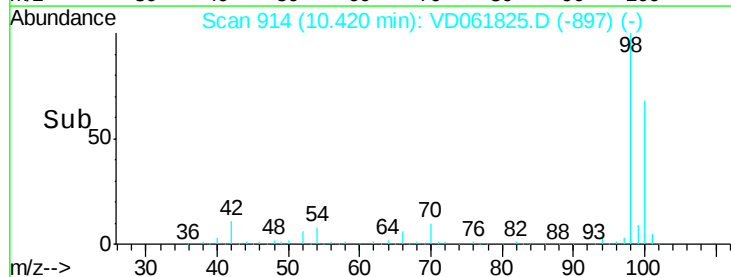
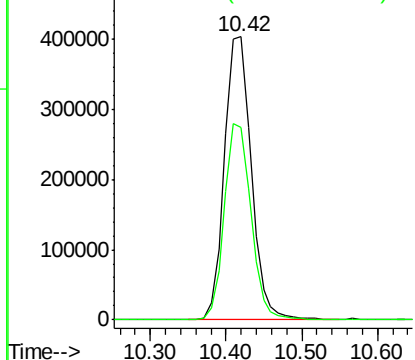


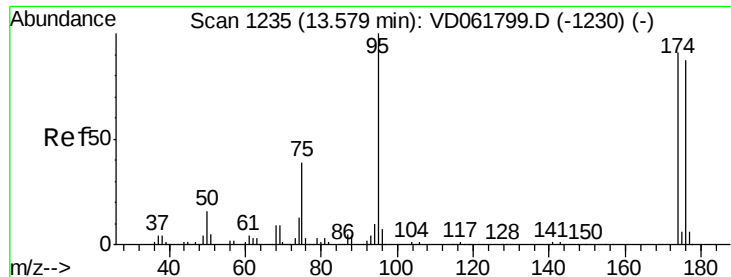
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061825.D
Acq: 16 Apr 2019 23:33

Tgt Ion: 98 Resp: 992809
Ion Ratio Lower Upper
98 100
100 68.2 53.8 80.8



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





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

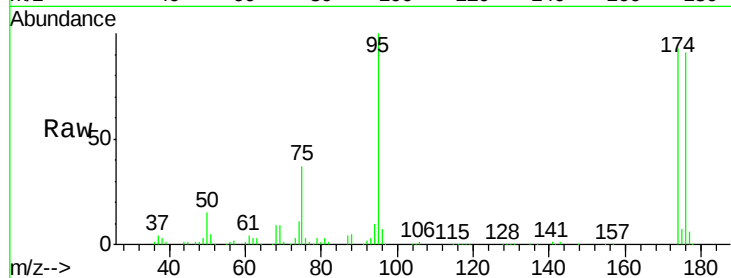
Tot Ion: 95 Resp: 372984

Ion Ratio Lower Upper

95 100

174 92.9 0.0 181.8

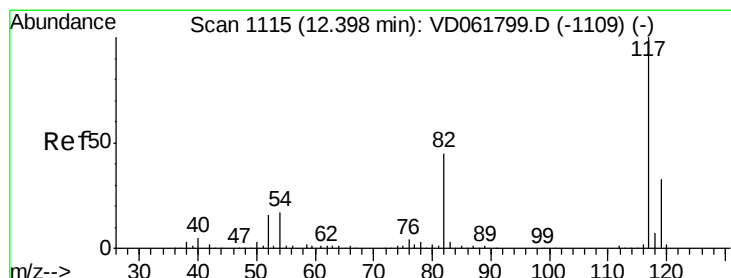
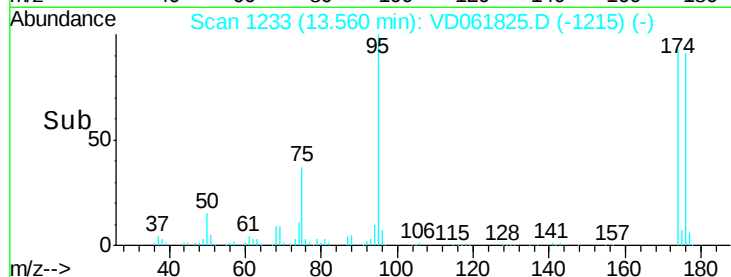
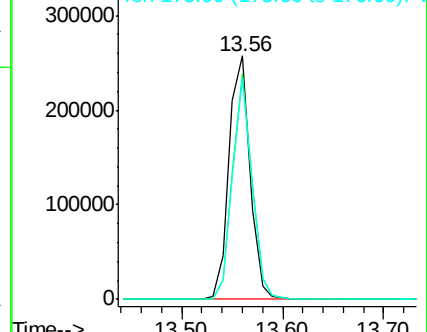
176 90.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

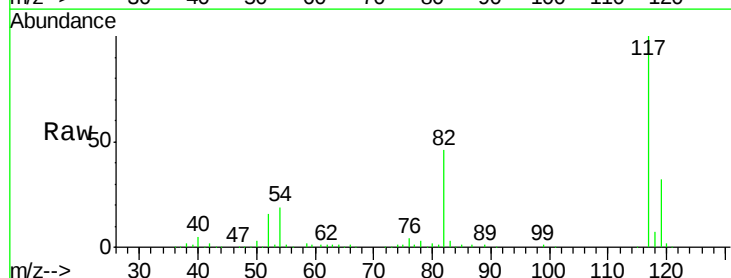
Tgt Ion: 117 Resp: 821980

Ion Ratio Lower Upper

117 100

82 45.6 36.2 54.2

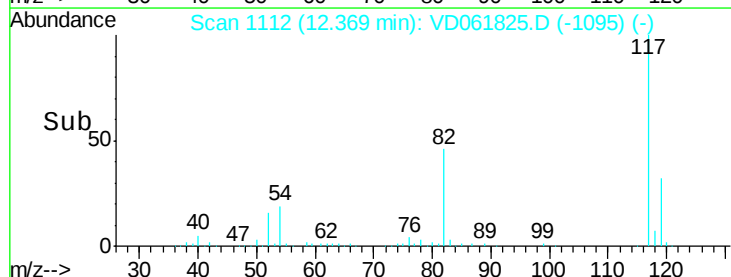
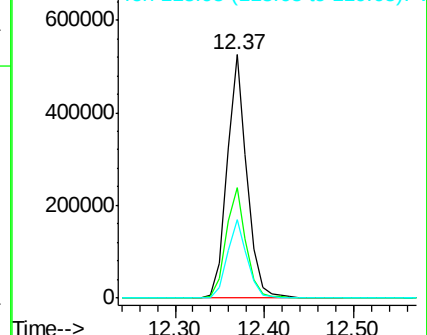
119 32.0 26.2 39.4

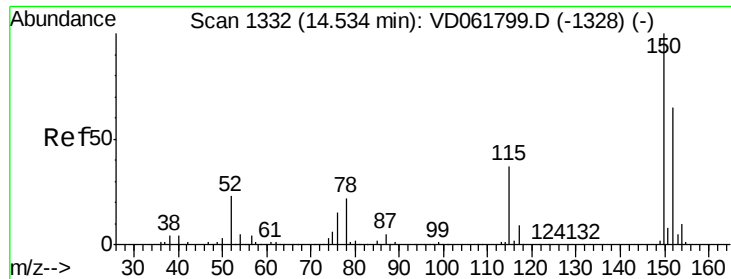


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061825.D

Acq: 16 Apr 2019 23:33

Instrument :

MSVOA_D

ClientSampleId :

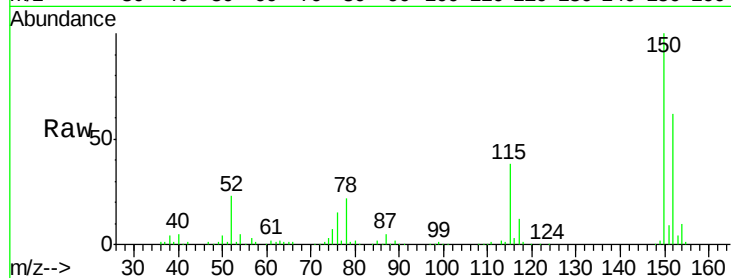
Tot Ion:152 Resp: 361926

Ion Ratio Lower Upper

152 100

115 62.3 30.9 92.7

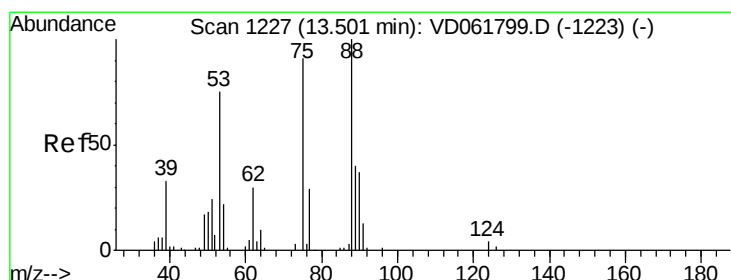
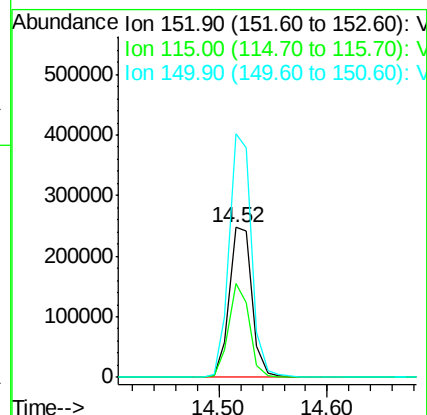
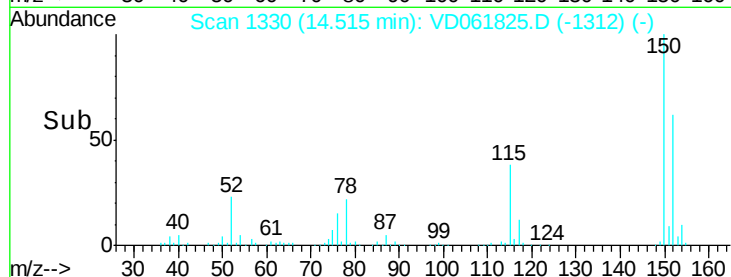
150 162.4 0.0 314.8



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: 89.501 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.06 min

Lab File: VD061825.D

Acq: 16 Apr 2019 23:33

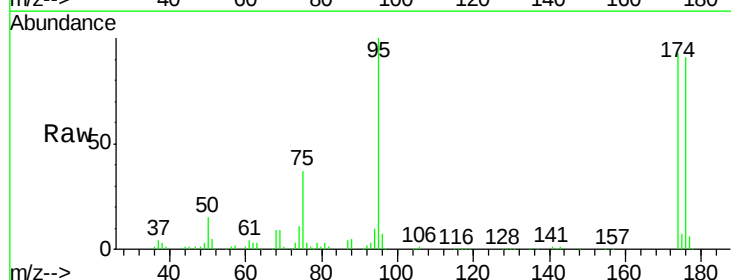
Tgt Ion: 75 Resp: 142214

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

