

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062122.D
 Acq On : 2 May 2019 20:35
 Operator : FY/SY
 Sample : K2627-01RE
 Misc : 5.83g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 03 02:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	414293	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	624369	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	461002	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	113661	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	193059	59.54	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	119.08%	
35) Dibromofluoromethane	6.90	113	257670	59.67	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	119.34%	
50) Toluene-d8	10.39	98	491606	47.85	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	13.54	95	147586	35.81	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	71.62%	

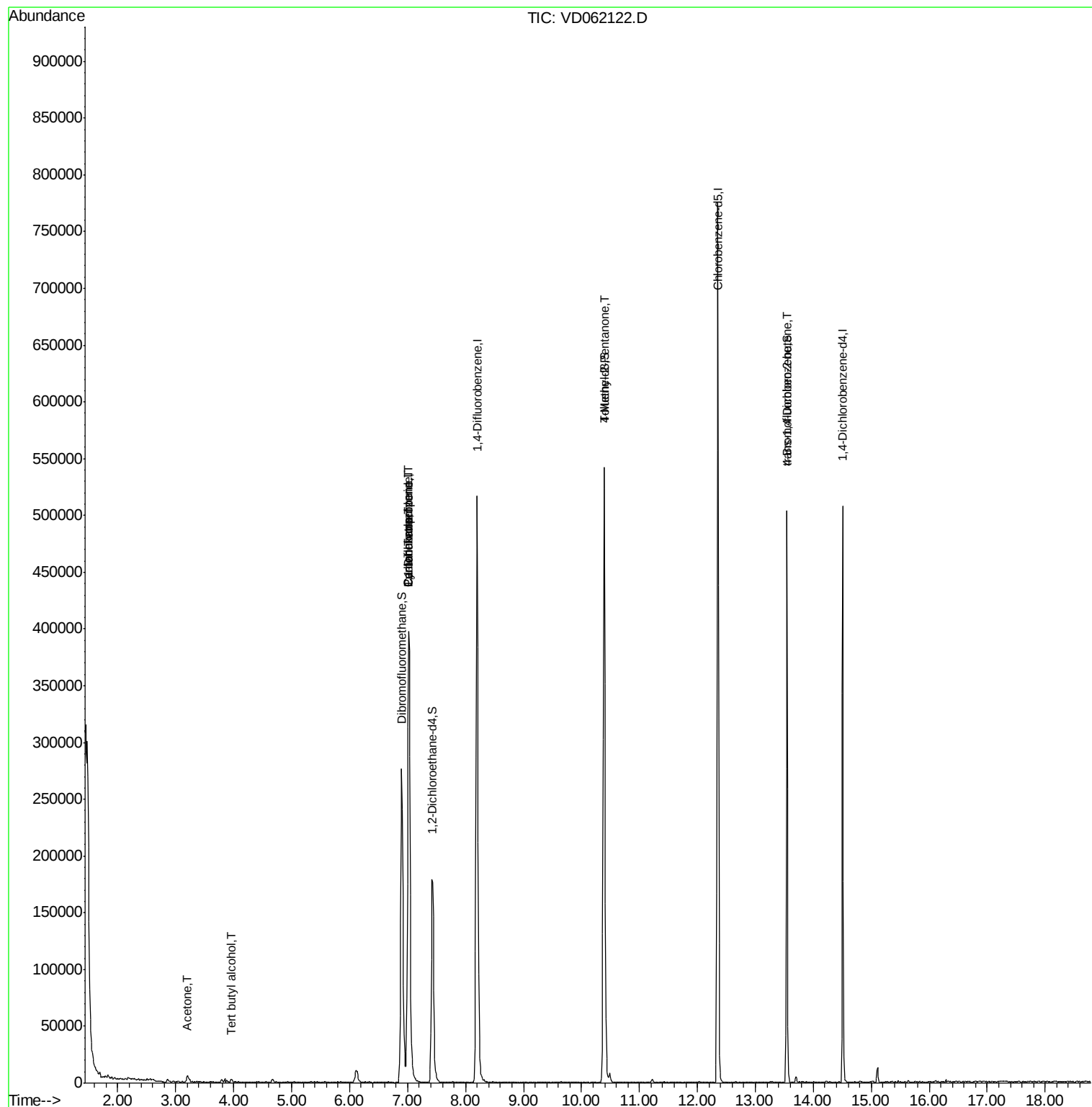
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.97	59	1010	5.513	ug/l #	76
16) Acetone	3.20	43	11119	14.362	ug/l	93
20) Methylene Chloride	3.81	84	1760	Below Cal	#	54
31) Cyclohexane	7.03	56	6927	1.434	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	30733	6.318	ug/l #	45
38) Carbon Tetrachloride	7.02	117	39944	6.480	ug/l #	15
51) 4-Methyl-2-Pentanone	10.38	43	2219	1.198	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	59221	135.398	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050219\
Data File : VD062122.D
Acq On : 2 May 2019 20:35
Operator : FY/SY
Sample : K2627-01RE
Misc : 5.83g/5mL/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 03 02:13:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062122.D

Acq: 2 May 2019 20:35

Instrument :

MSVOA_D

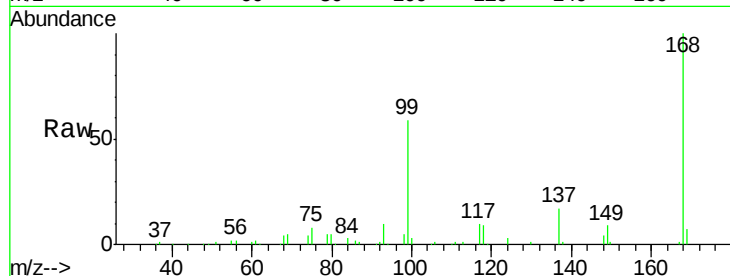
ClientSampleId :

Tot Ion:168 Resp: 414293

Ion Ratio Lower Upper

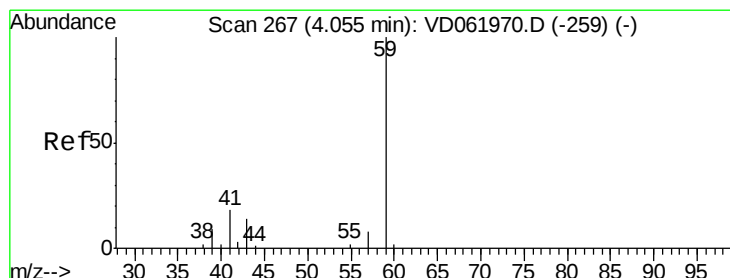
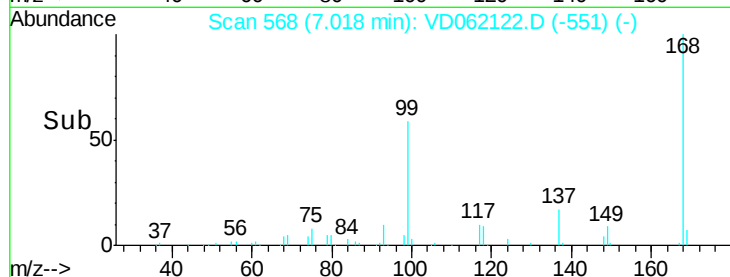
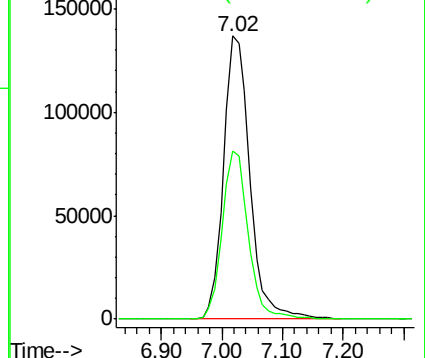
168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 5.513 ug/l

RT: 3.97 min Scan# 258

Delta R.T. -0.09 min

Lab File: VD062122.D

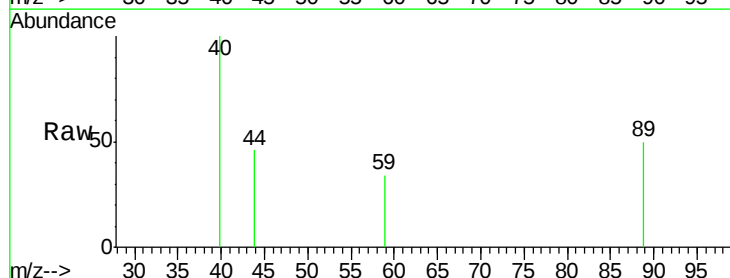
Acq: 2 May 2019 20:35

Tgt Ion: 59 Resp: 1010

Ion Ratio Lower Upper

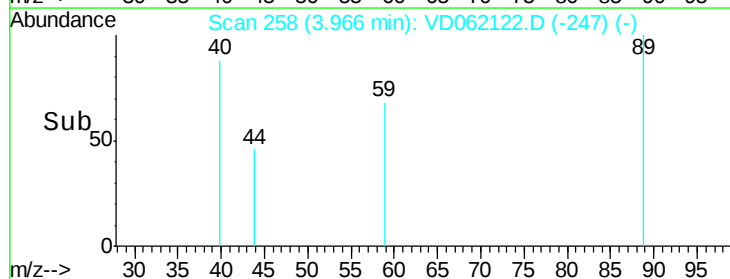
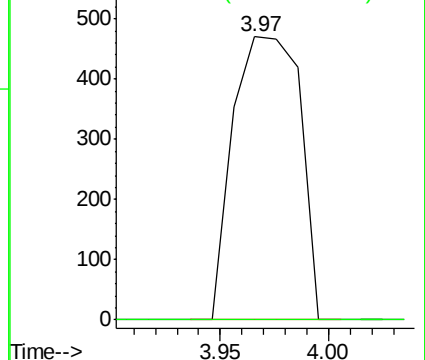
59 100

57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 14.362 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062122.D

Acq: 2 May 2019 20:35

Instrument :

MSVOA_D

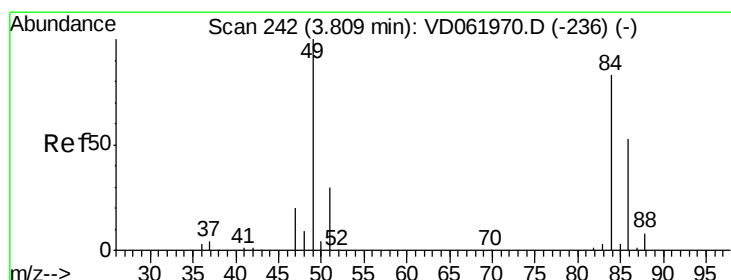
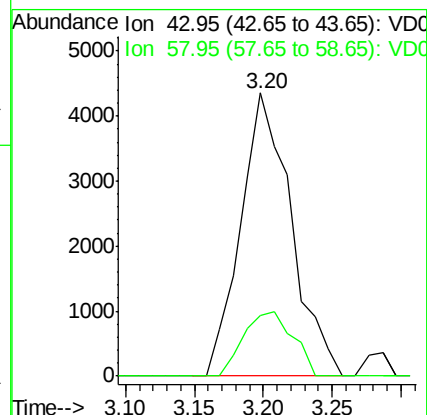
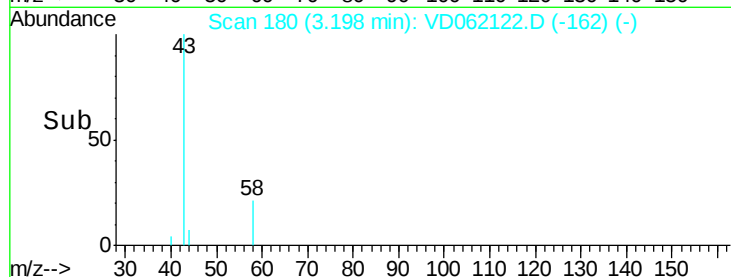
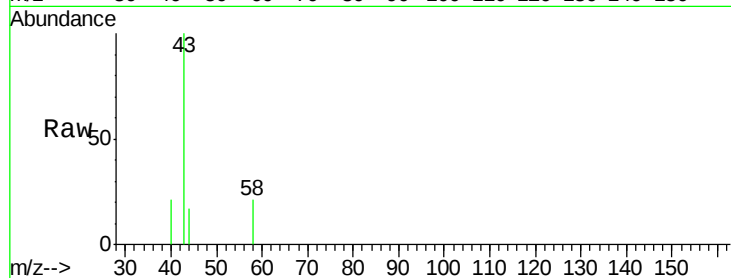
ClientSampleId :

Tot Ion: 43 Resp: 11119

Ion Ratio Lower Upper

43 100

58 21.3 19.9 29.9



#20

Methylene Chloride

Concen: Below Cal

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062122.D

Acq: 2 May 2019 20:35

Tgt Ion: 84 Resp: 1760

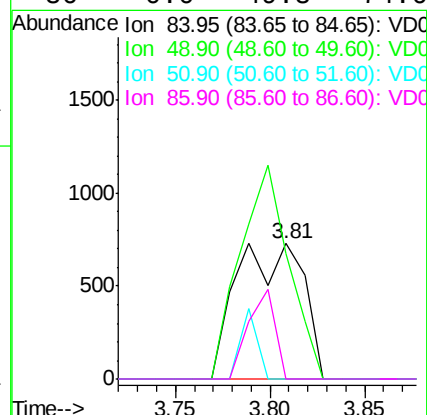
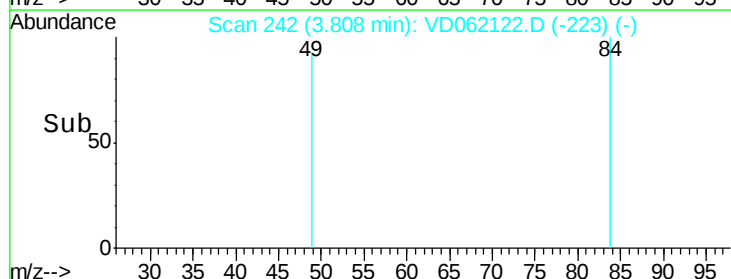
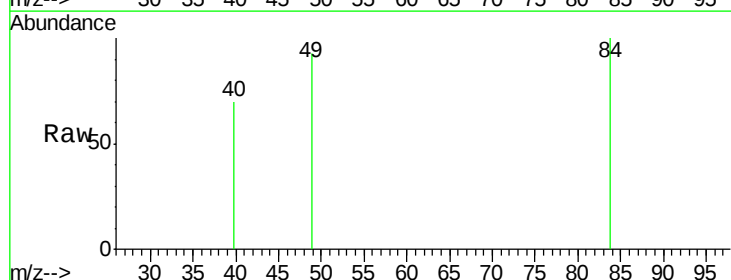
Ion Ratio Lower Upper

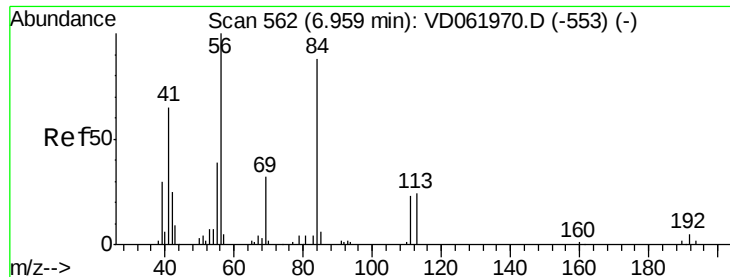
84 100

49 92.7 94.0 141.0#

51 0.0 29.0 43.4#

86 0.0 49.8 74.6#

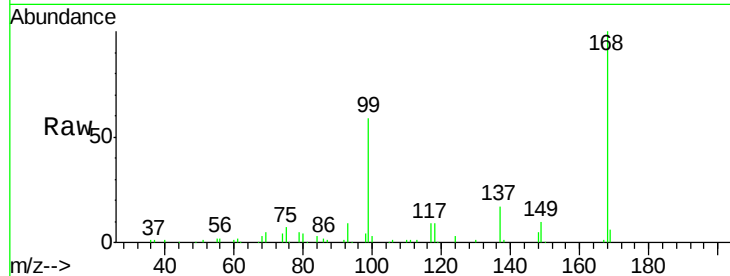




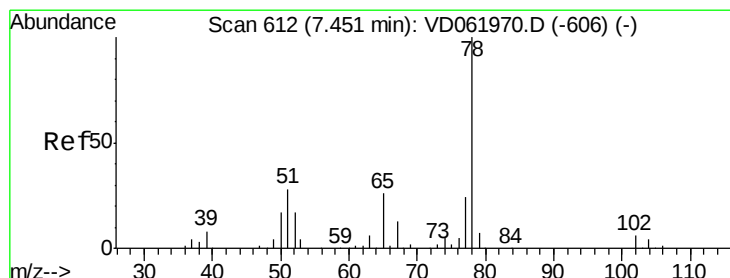
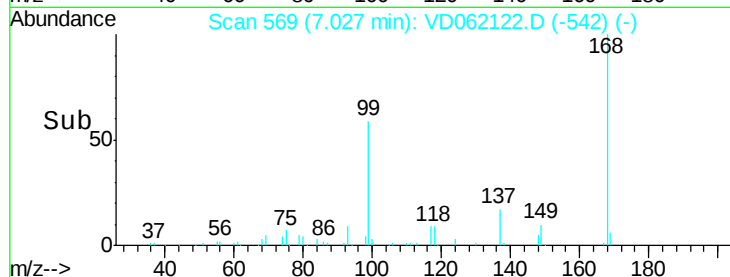
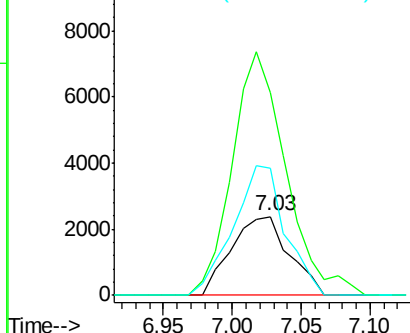
#31
Cvclohexane
Concen: 1.434 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 6927
Ion Ratio Lower Upper
56 100
69 258.5 25.8 38.6#
84 162.0 72.2 108.4#

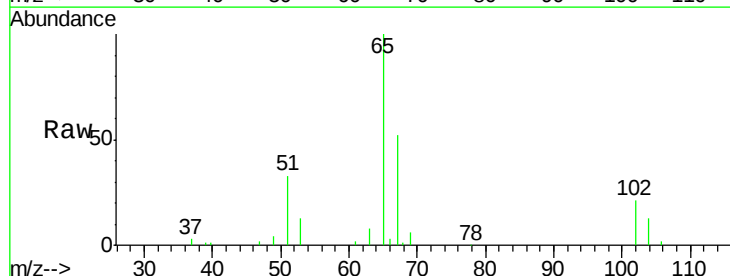


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

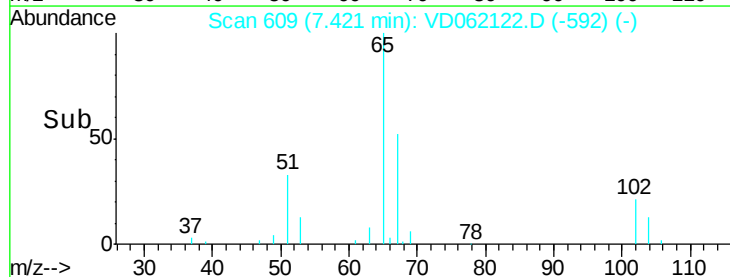
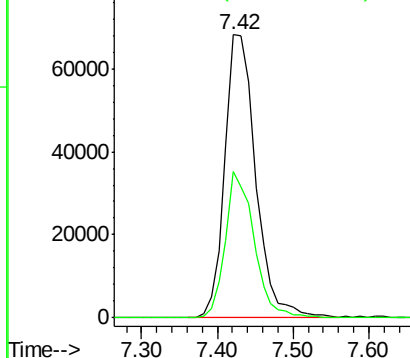


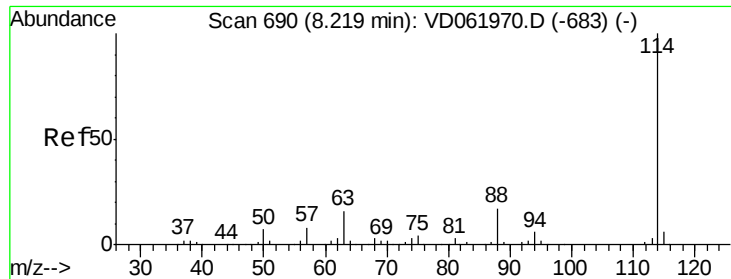
#33
1,2-Dichloroethane-d4
Concen: 59.540 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.03 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Tgt Ion: 65 Resp: 193059
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.0



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

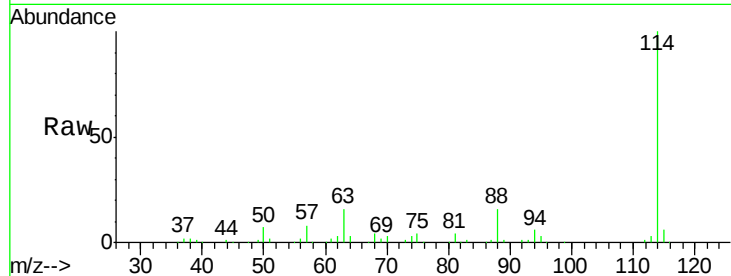




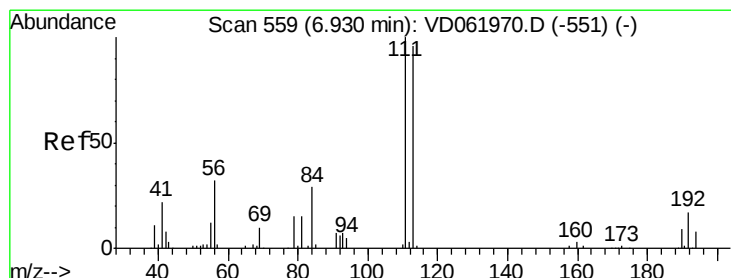
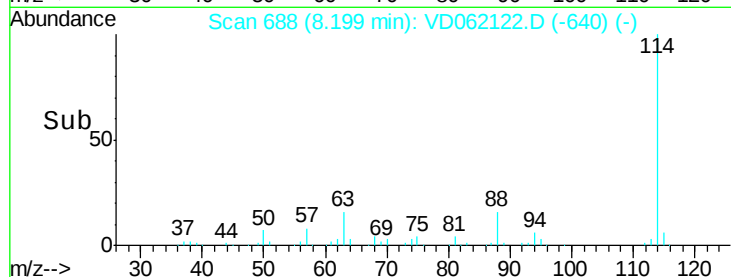
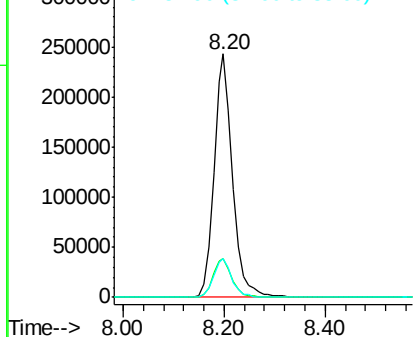
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062122.D
 Acq: 2 May 2019 20:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 624369
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 32.4
 88 15.9 0.0 33.6

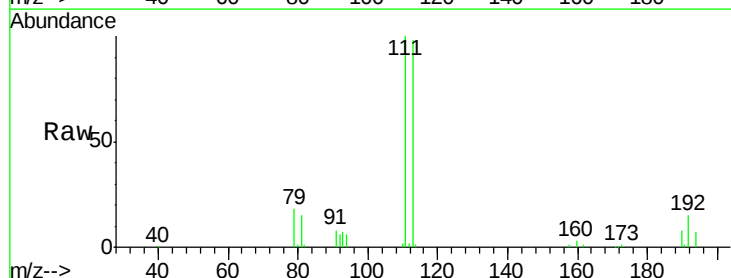


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

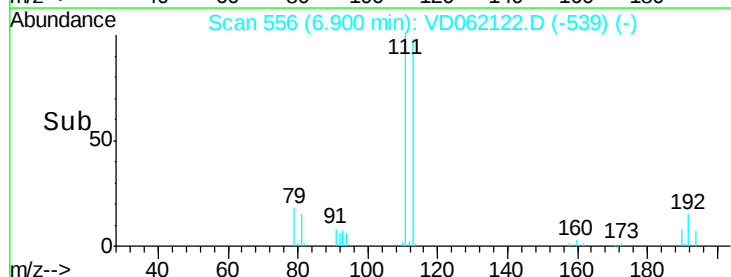
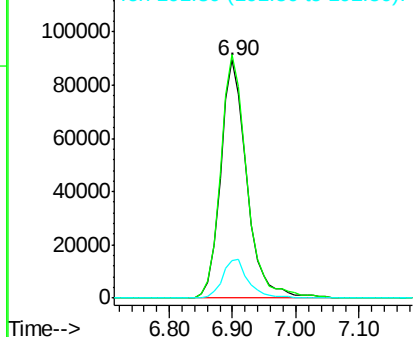


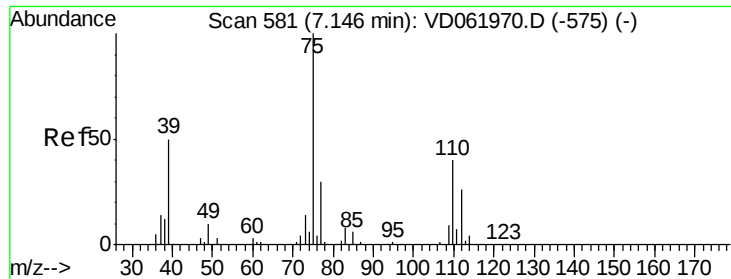
#35
 Dibromofluoromethane
 Concen: 59.672 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062122.D
 Acq: 2 May 2019 20:35

Tgt Ion:113 Resp: 257670
 Ion Ratio Lower Upper
 113 100
 111 102.2 78.5 117.7
 192 15.6 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

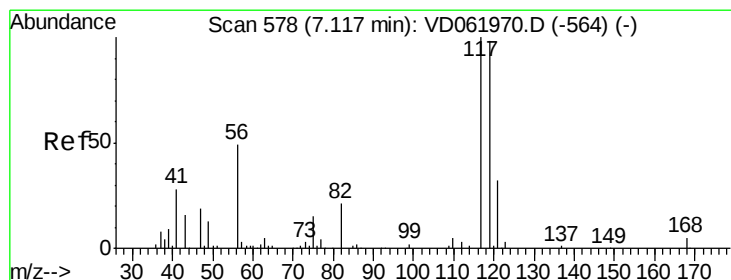
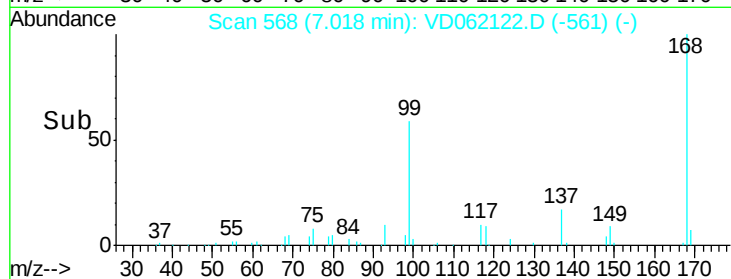
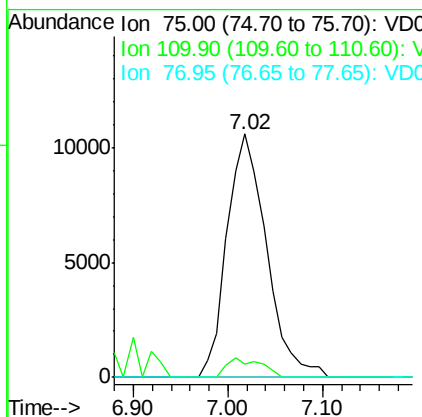
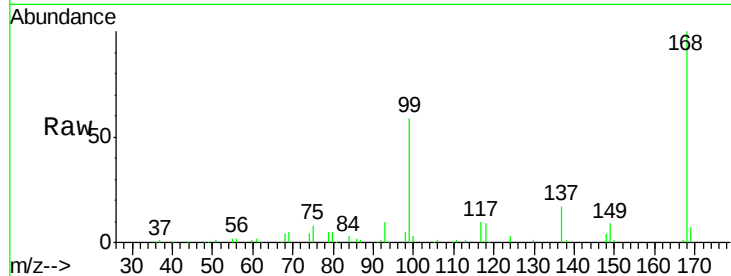




#36
 1,1-Dichloropropene
 Concen: 6.318 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.13 min
 Lab File: VD062122.D
 Acq: 2 May 2019 20:35

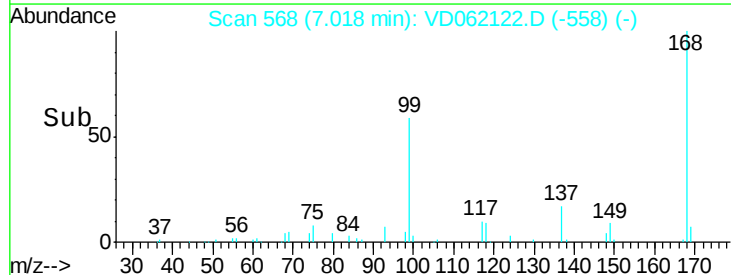
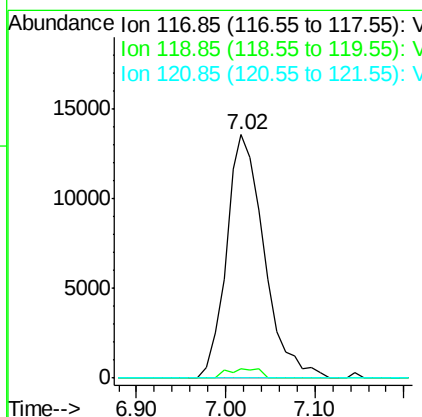
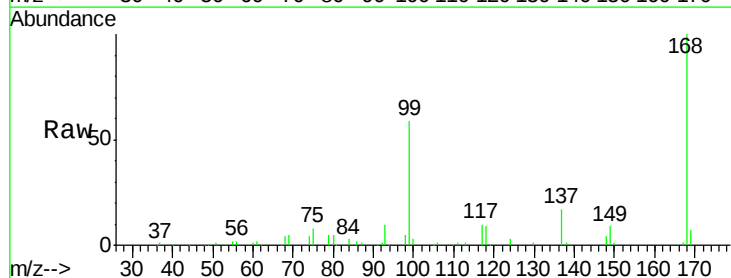
Instrument :
 MSVOA_D
 ClientSampleId :

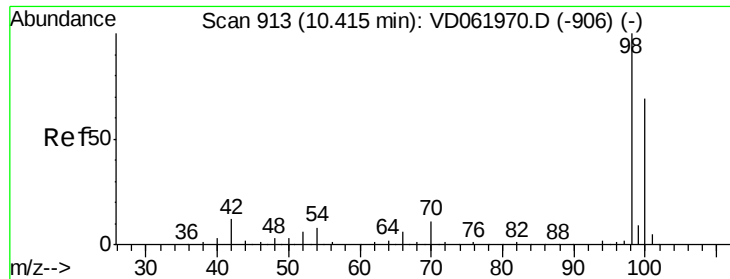
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.6	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.480 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.10 min
 Lab File: VD062122.D
 Acq: 2 May 2019 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.8	113.8#
121	0.0	25.9	38.9#

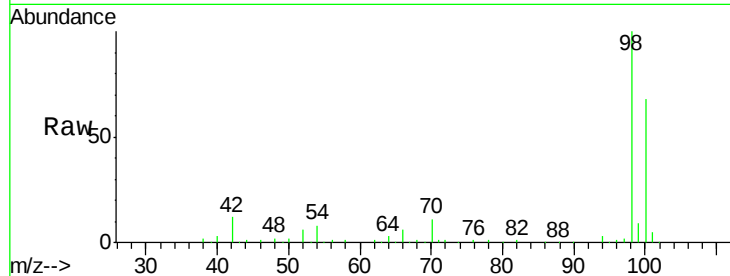




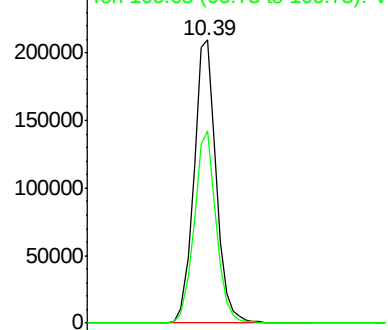
#50
Toluene-d8
Concen: 47.845 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Instrument :
MSVOA_D
ClientSampleId :

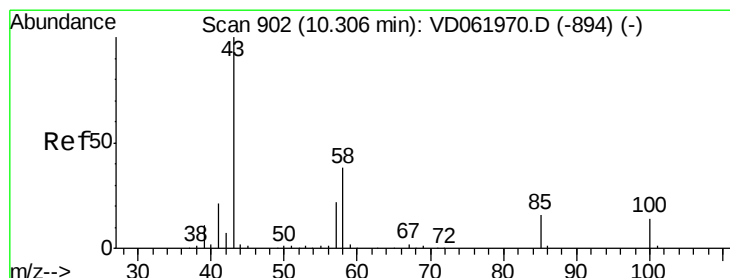
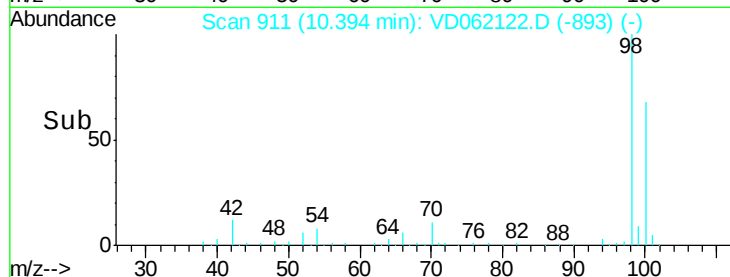
Tot Ion: 98 Resp: 491606
Ion Ratio Lower Upper
98 100
100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

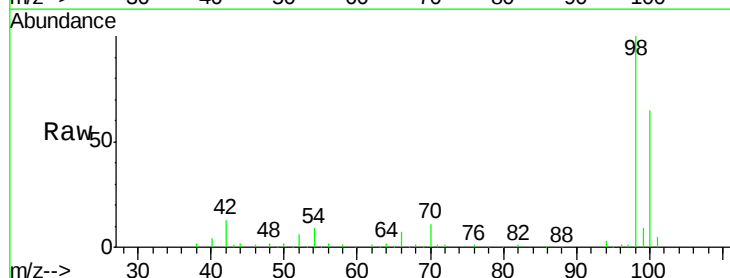


Time-->

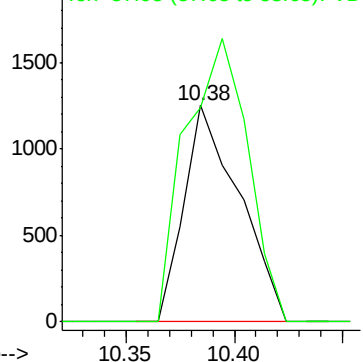


#51
4-Methyl-2-Pentanone
Concen: 1.198 ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.08 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

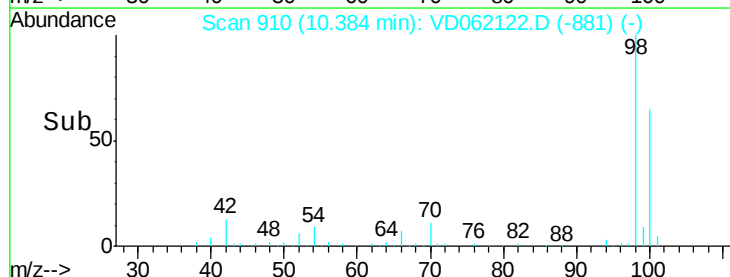
Tgt Ion: 43 Resp: 2219
Ion Ratio Lower Upper
43 100
58 99.1 30.4 45.6#

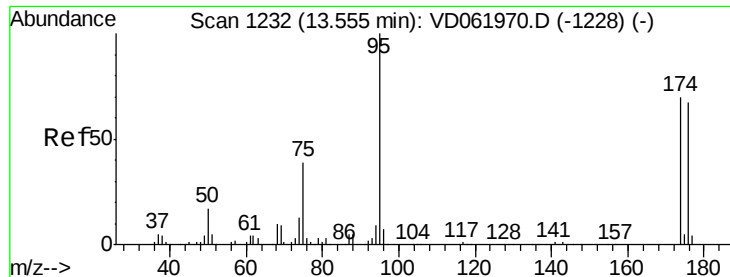


Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-894) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-894) (-)



Time-->

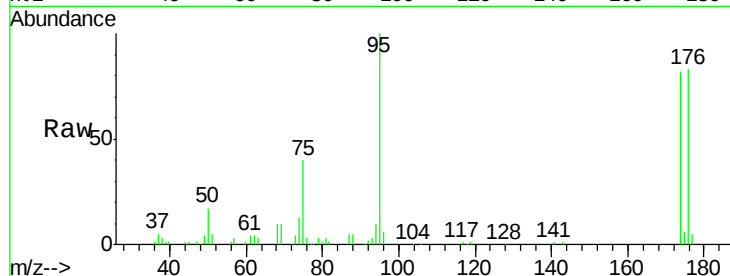




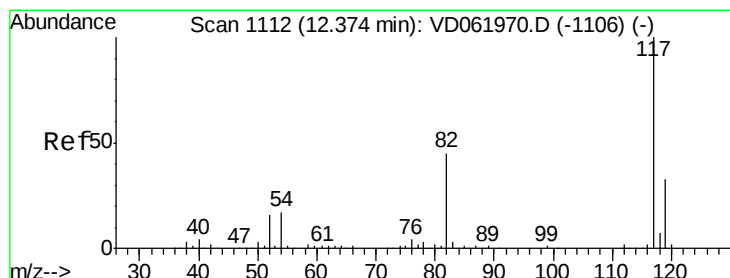
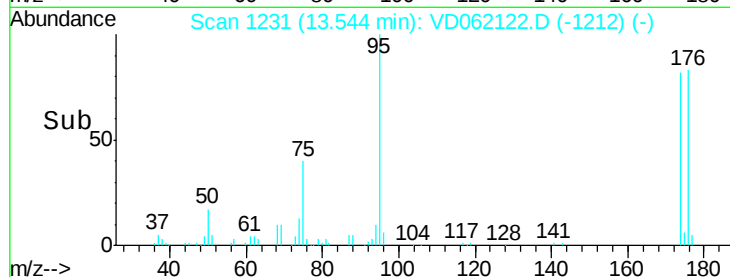
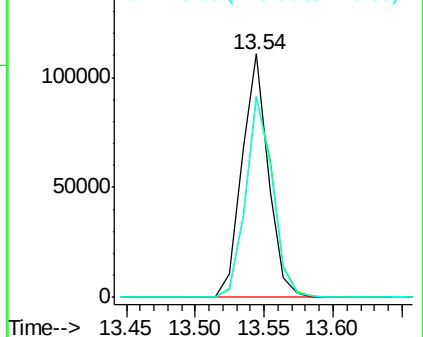
#62
4-Bromofluorobenzene
Concen: 35.811 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 95 Resp: 147586
Ion Ratio Lower Upper
95 100
174 82.2 0.0 181.8
176 82.6 0.0 174.4

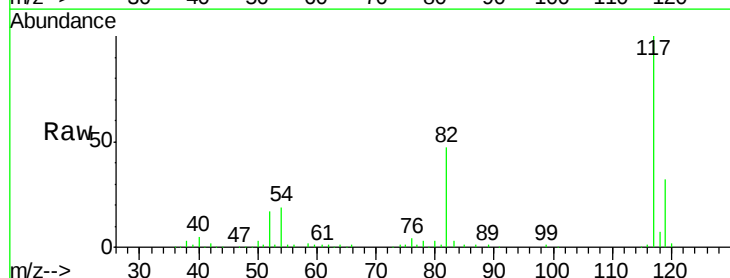


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

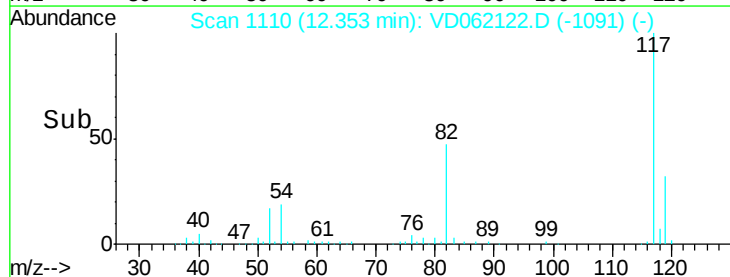
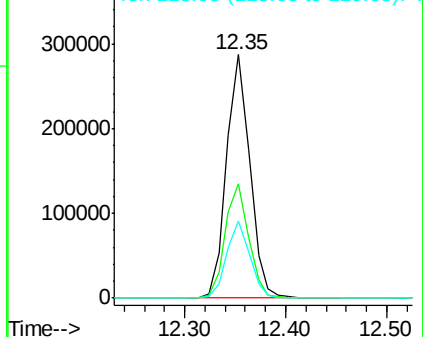


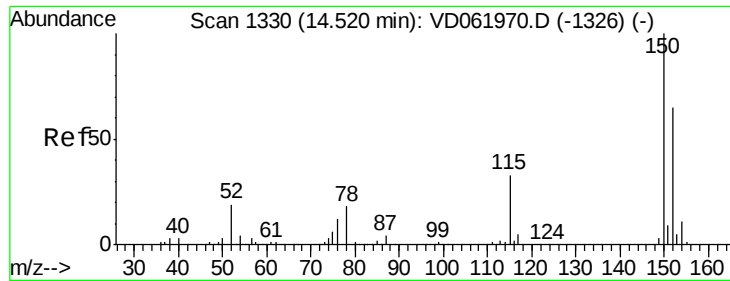
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Tgt Ion: 117 Resp: 461002
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 31.6 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



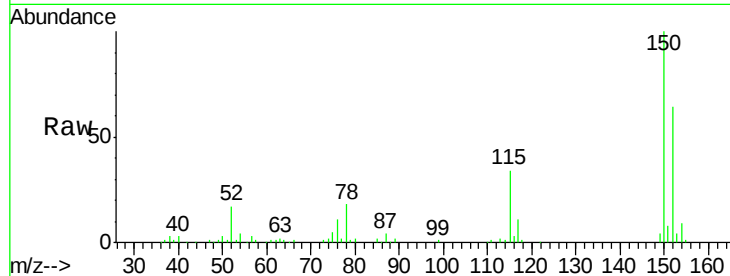


#72

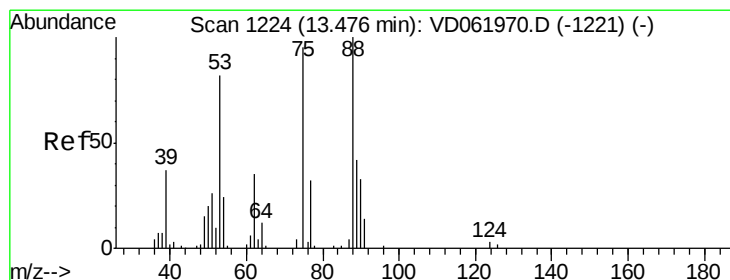
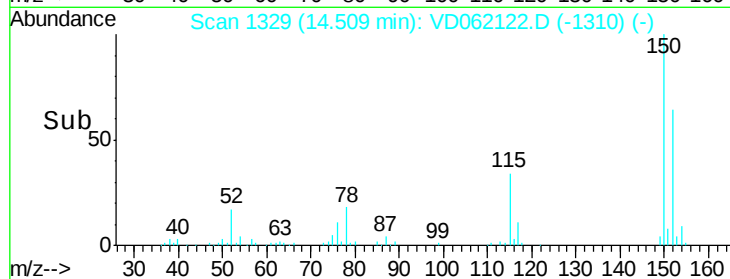
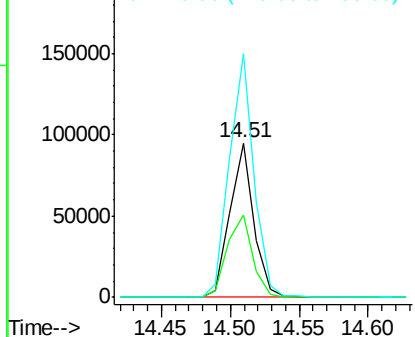
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 113661
Ion Ratio Lower Upper
152 100
115 52.8 30.9 92.7
150 157.5 0.0 314.8



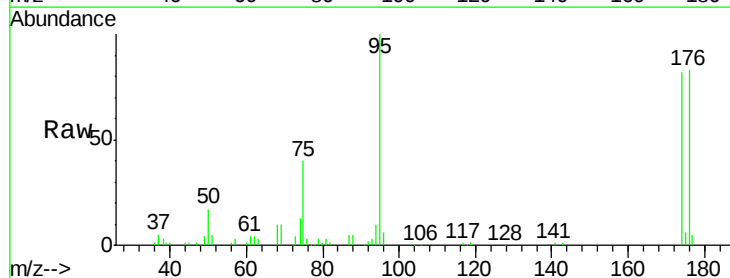
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 135.398 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062122.D
Acq: 2 May 2019 20:35

Tgt Ion: 75 Resp: 59221
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

