

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031519\
 Data File : VD061100.D
 Acq On : 15 Mar 2019 21:32
 Operator : VA/AP
 Sample : K1933-08
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-8

Quant Time: Mar 16 05:45:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	385745	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	637818	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	456335	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	128587	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	192944	60.09	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	120.18%	
35) Dibromofluoromethane	6.94	113	284421	60.09	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	120.18%	
50) Toluene-d8	10.43	98	561273	47.22	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	13.57	95	165296	35.84	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	71.68%	

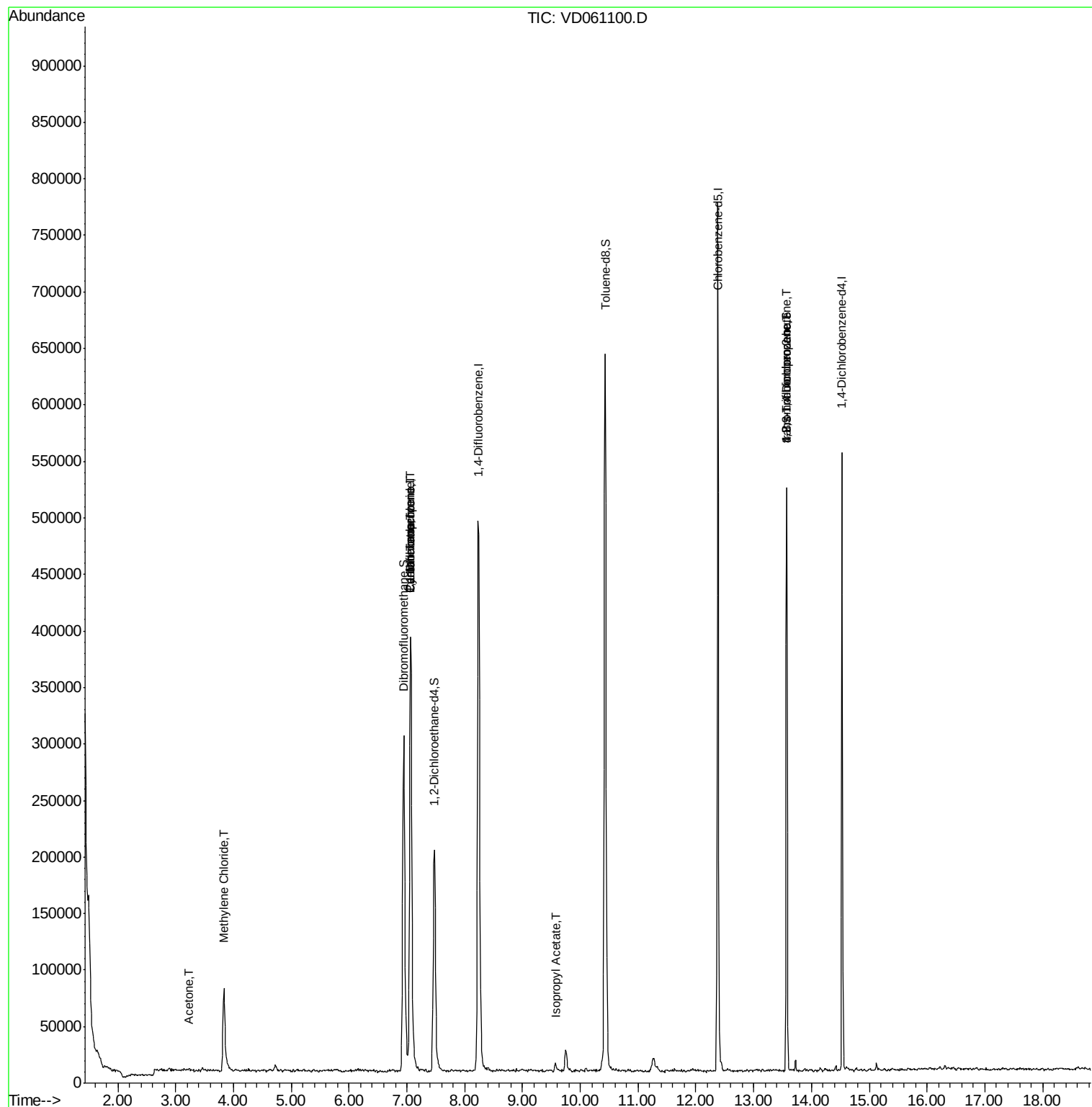
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	209	Below Cal	#	8
16) Acetone	3.23	43	3479	3.789	ug/l	99
20) Methylene Chloride	3.83	84	53331	8.906	ug/l	98
31) Cyclohexane	7.06	56	5965	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	27984	5.090	ug/l #	47
38) Carbon Tetrachloride	7.06	117	36910	6.095	ug/l #	15
43) Isopropyl Acetate	9.56	43	6253	1.750	ug/l #	43
76) 1,2,3-Trichloropropane	13.57	75	54237	29.318	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	59202	108.547	ug/l #	17

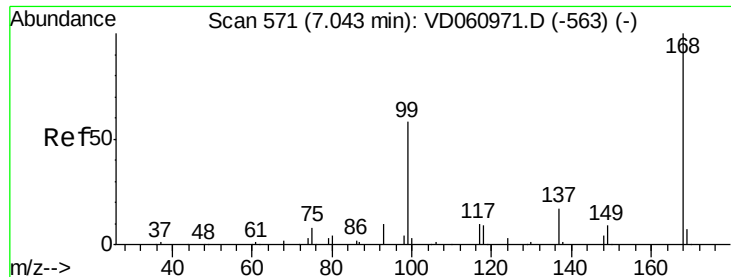
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031519\
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Quant Time: Mar 16 05:45:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

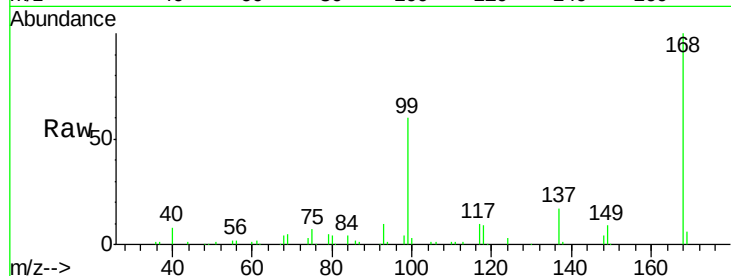
S-8

Tot Ion:168 Resp: 385745

Ion Ratio Lower Upper

168 100

99 59.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

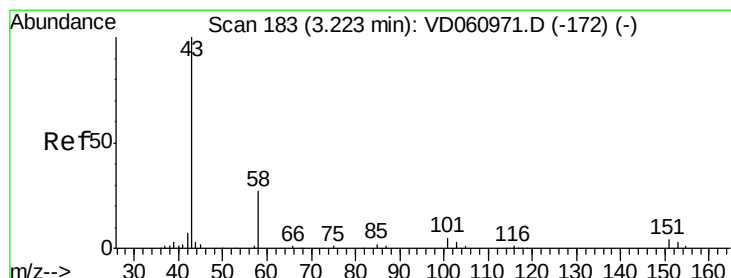
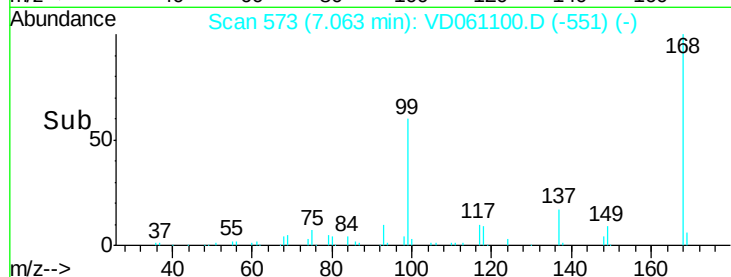
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 3.789 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061100.D

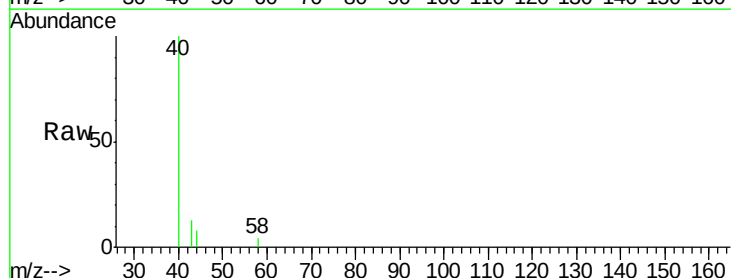
Acq: 15 Mar 2019 21:32

Tgt Ion: 43 Resp: 3479

Ion Ratio Lower Upper

43 100

58 27.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

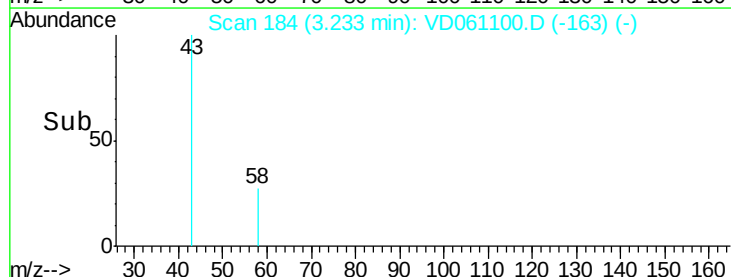
1500

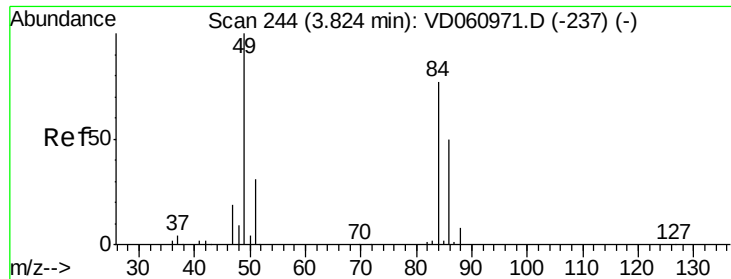
1000

500

0

Time--> 3.15 3.20 3.25 3.30

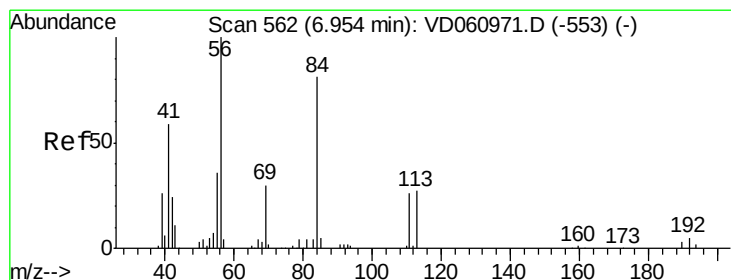
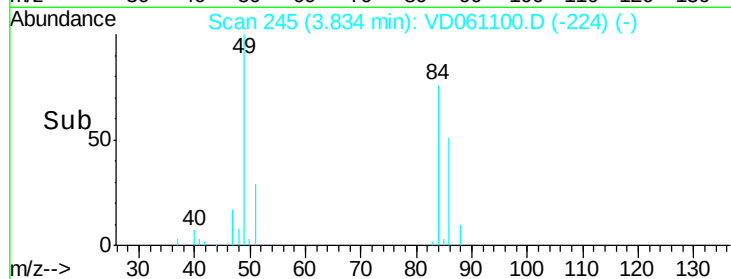
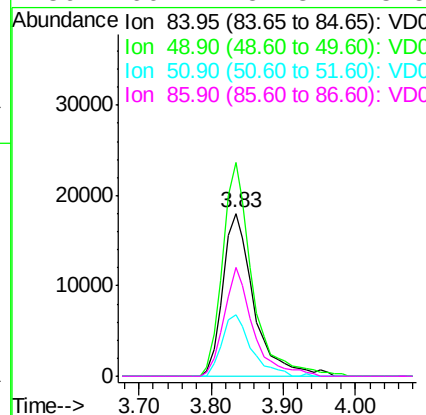
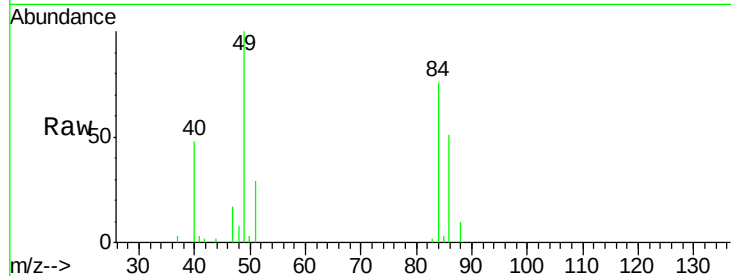




#20
Methylene Chloride
Concen: 8.906 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

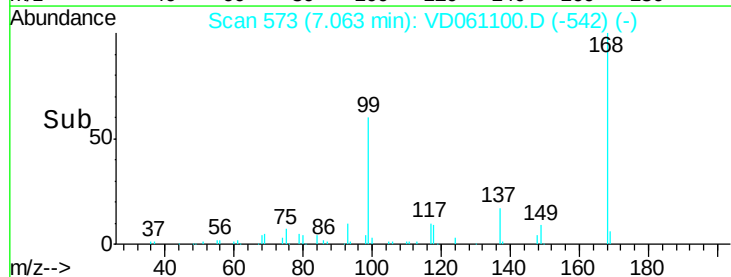
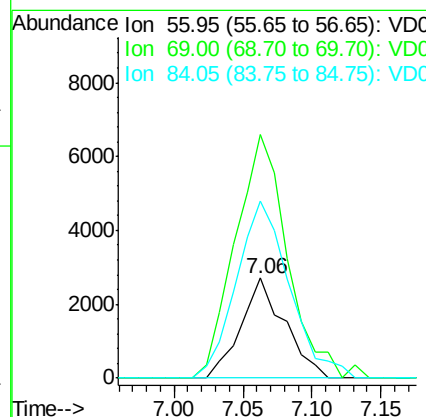
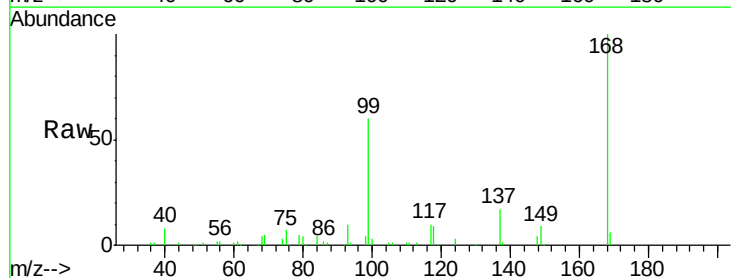
Instrument :
MSVOA_D
ClientSampleId :
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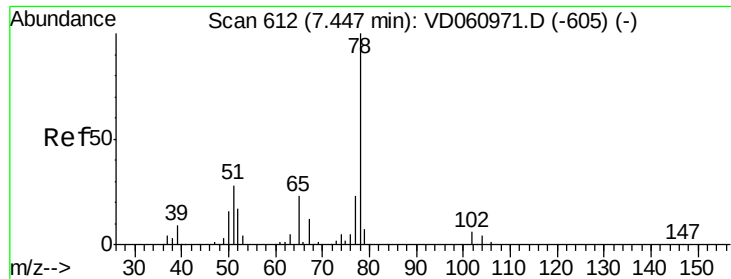
Tot Ion:	84	Resp:	53331
Ion	Ratio	Lower	Upper
84	100		
49	131.1	104.2	156.2
51	37.8	32.3	48.5
86	66.7	52.3	78.5



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

Tgt Ion:	56	Resp:	5965
Ion	Ratio	Lower	Upper
56	100		
69	243.2	24.0	36.0#
84	177.3	65.8	98.6#

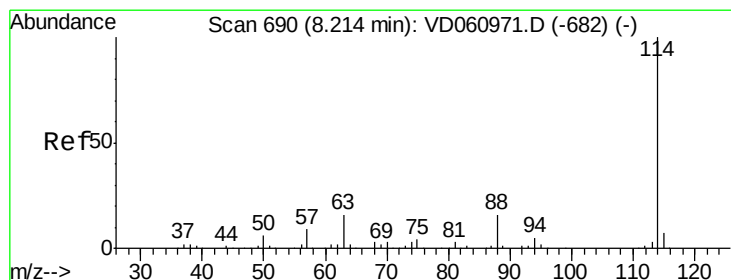
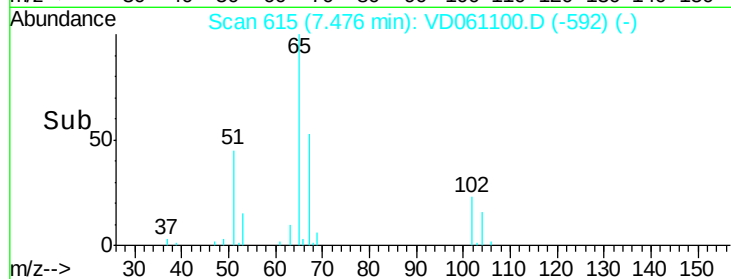
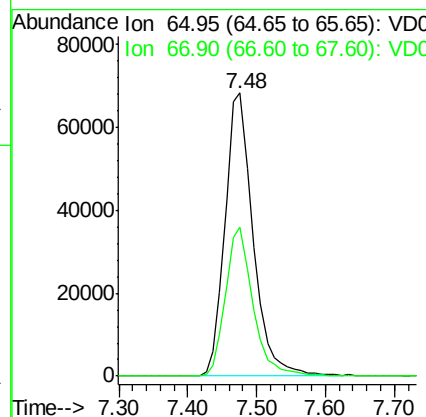
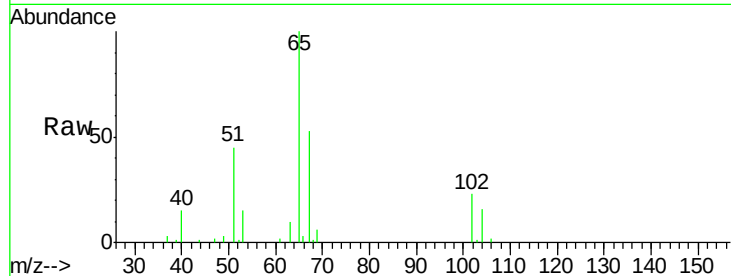




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

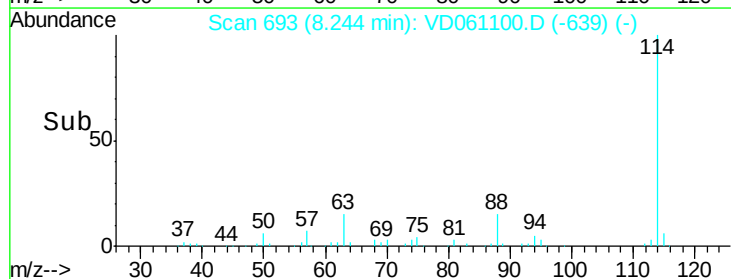
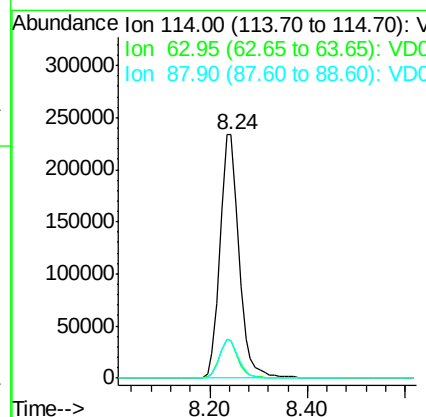
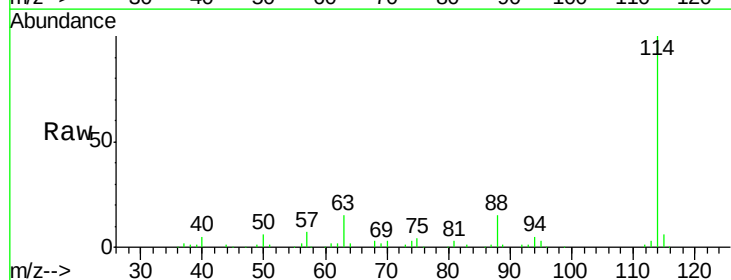
Instrument :
 MSVOA_D
 ClientSampleId :
 S-8

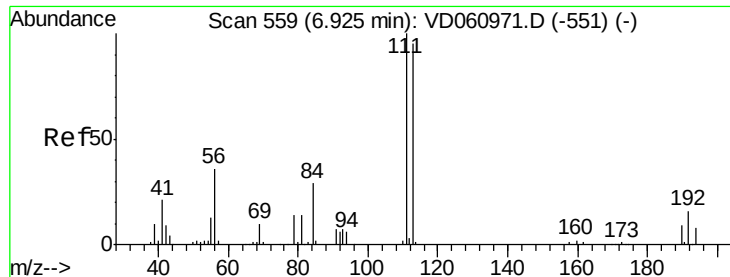
Tot Ion: 65 Resp: 192944
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Tgt Ion: 114 Resp: 637818
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 15.4 0.0 33.0

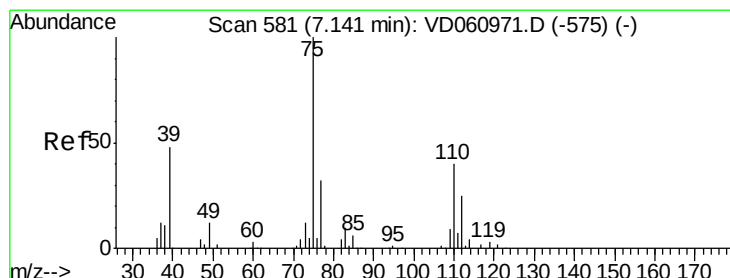
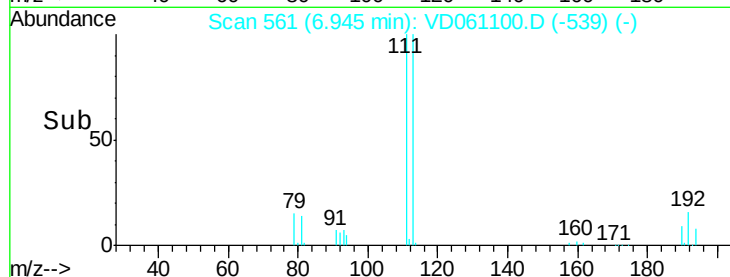
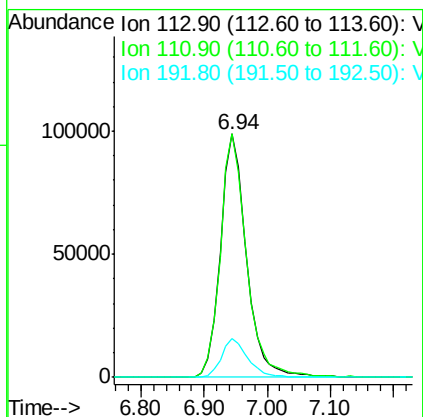
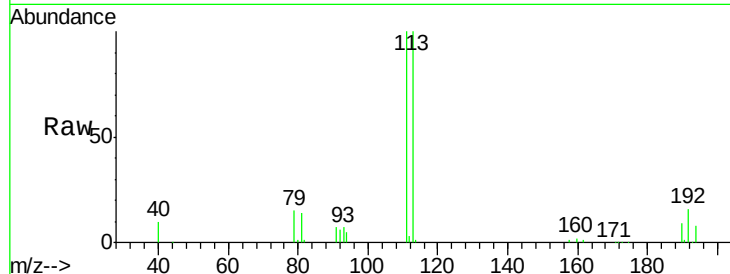




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

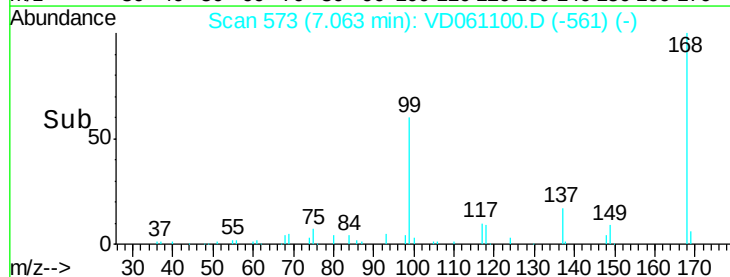
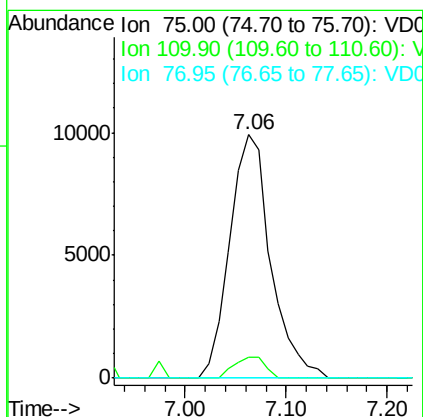
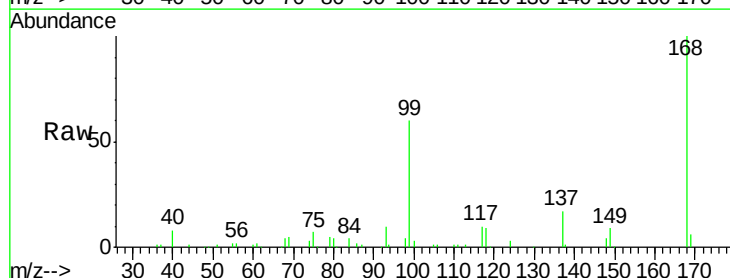
Instrument :
 MSVOA_D
 ClientSampleId :
 S-8

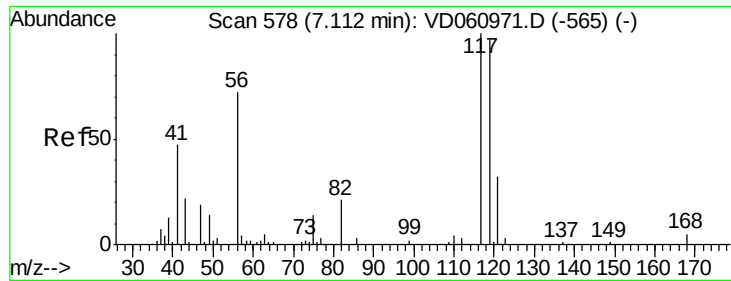
Tot Ion:113 Resp: 284421
 Ion Ratio Lower Upper
 113 100
 111 100.0 84.2 126.4
 192 16.1 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 5.090 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Tgt Ion: 75 Resp: 27984
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.7 59.1#
 77 0.0 24.7 37.1#

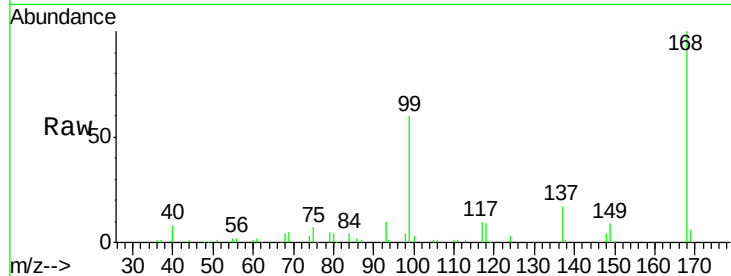




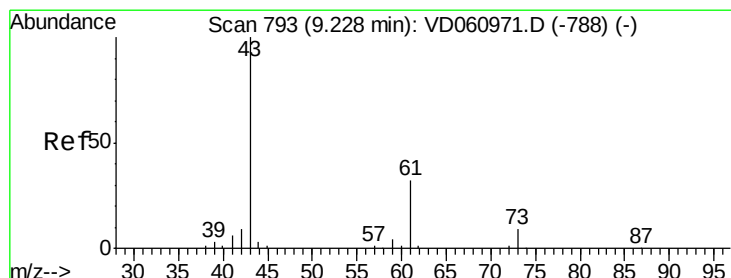
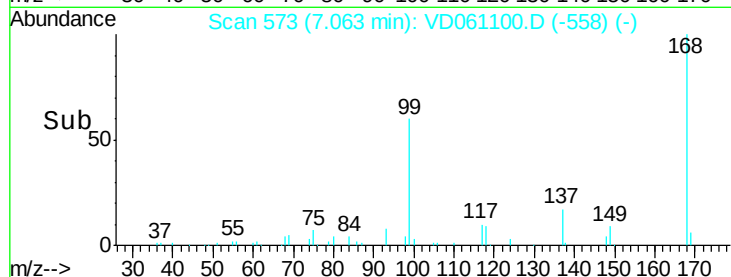
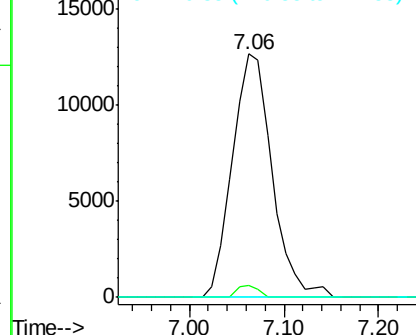
#38
Carbon Tetrachloride
Concen: 6.095 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.05 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
S-8

Tot Ion:117 Resp: 36910
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.8#
121 0.0 25.3 37.9#

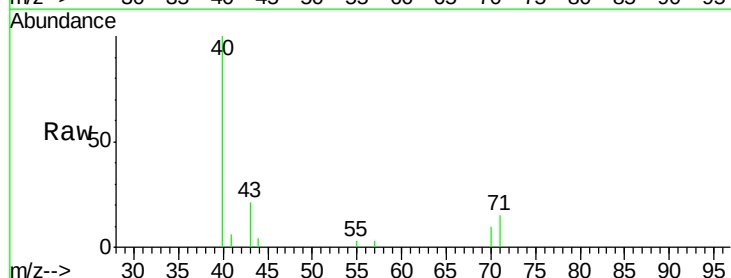


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

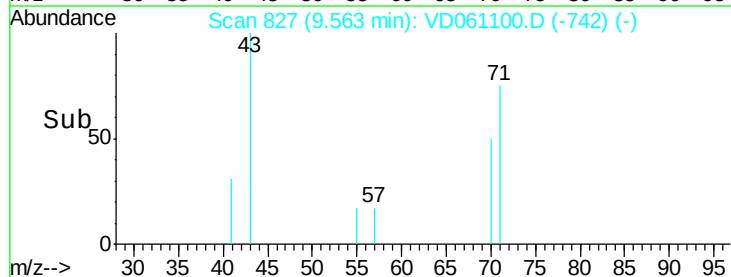
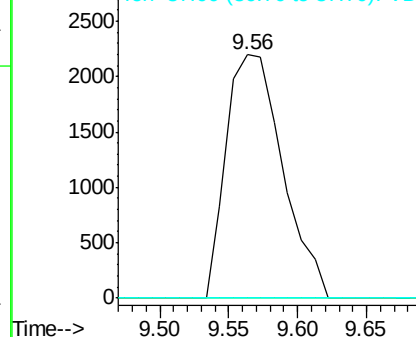


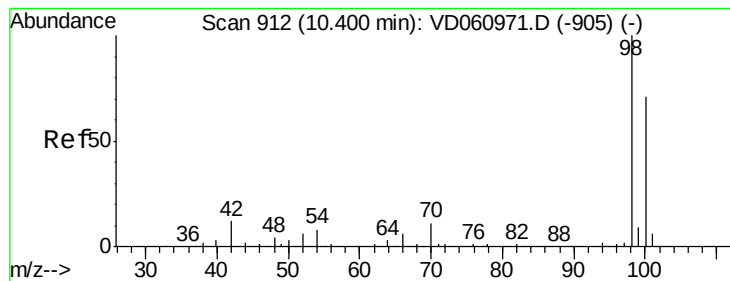
#43
Isopropyl Acetate
Concen: 1.750 ug/l
RT: 9.56 min Scan# 827
Delta R.T. 0.33 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

Tgt Ion: 43 Resp: 6253
Ion Ratio Lower Upper
43 100
61 0.0 25.6 38.4#
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

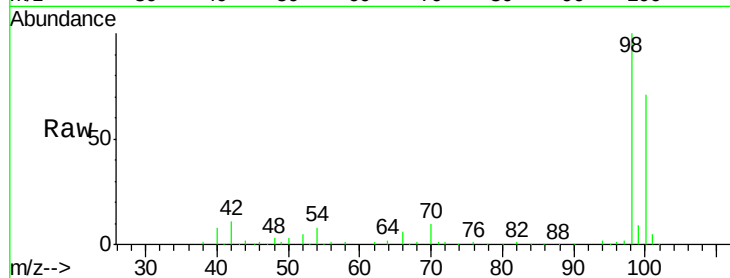
Instrument :
MSVOA_D
ClientSampled :
S-8

Tot Ion: 98 Resp: 561273

Ion Ratio Lower Upper

98 100

100 71.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.43

250000

200000

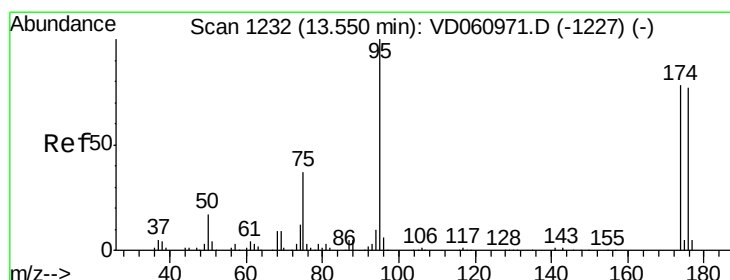
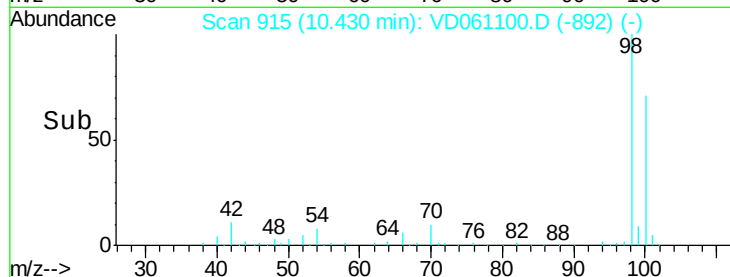
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

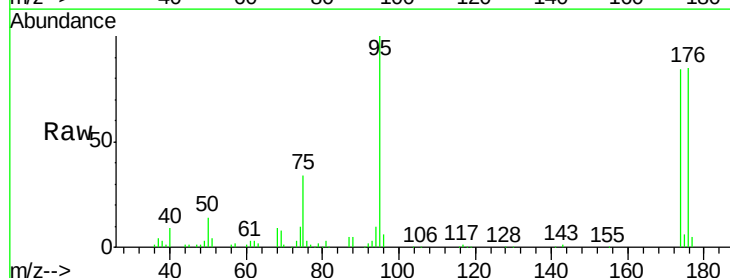
Tgt Ion: 95 Resp: 165296

Ion Ratio Lower Upper

95 100

174 84.0 0.0 155.6

176 85.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.57

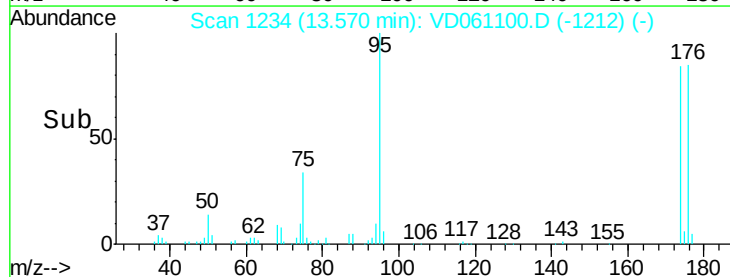
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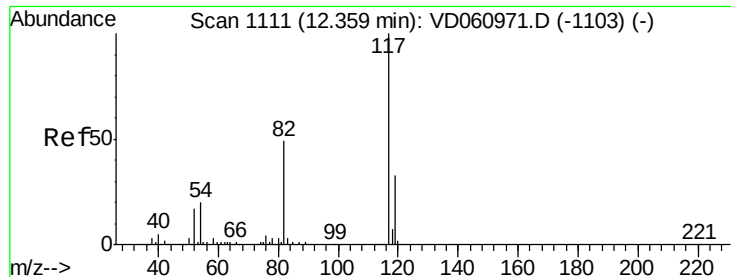
100000

50000

0

Time-->

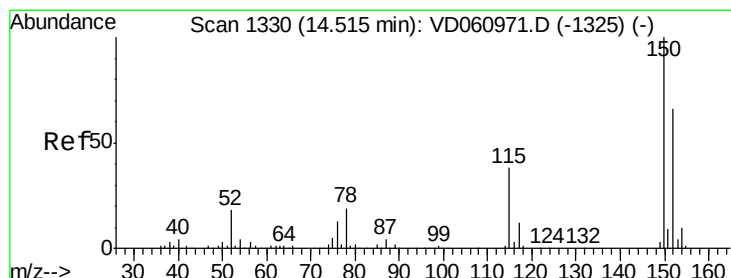
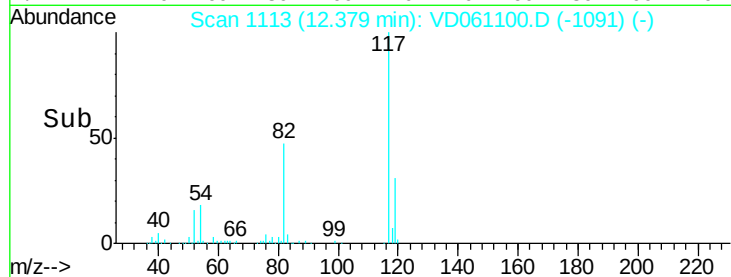
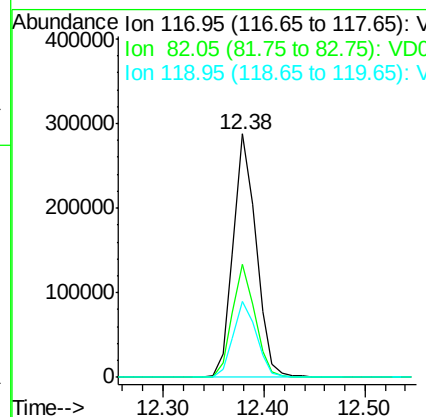
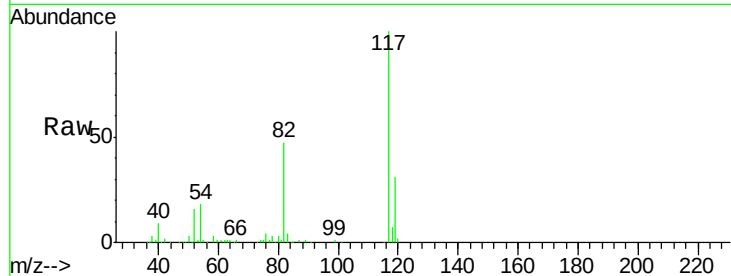




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

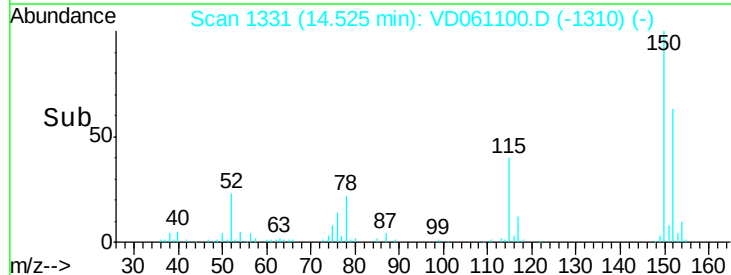
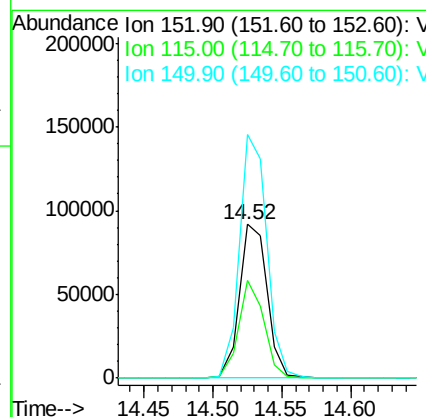
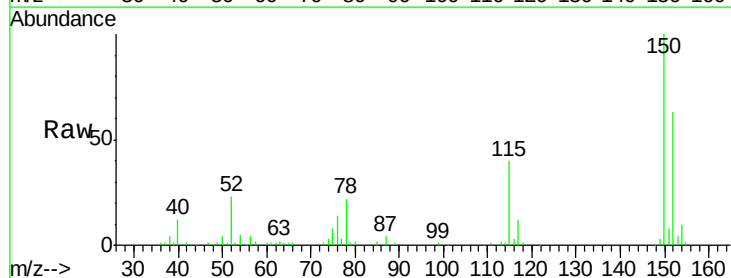
Instrument :
MSVOA_D
ClientSampleId :
S-8

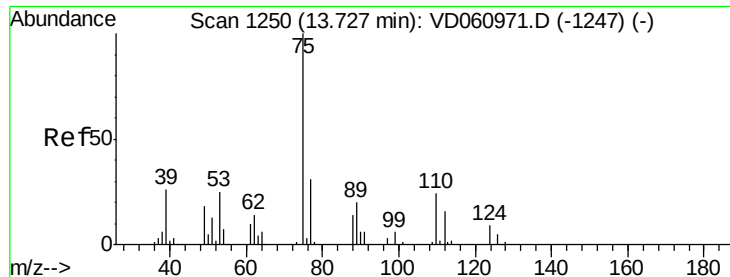
Tot Ion:117 Resp: 456335
Ion Ratio Lower Upper
117 100
82 46.7 38.9 58.3
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061100.D
Acq: 15 Mar 2019 21:32

Tgt Ion:152 Resp: 128587
Ion Ratio Lower Upper
152 100
115 63.5 28.6 85.9
150 158.6 0.0 310.6





#76

1,2,3-Trichloropropane

Concen: 29.318 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

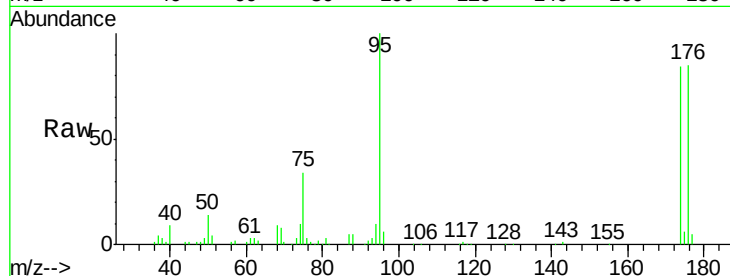
S-8

Tot Ion: 75 Resp: 54237

Ion Ratio Lower Upper

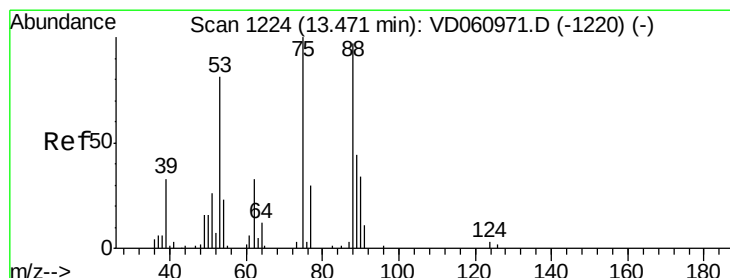
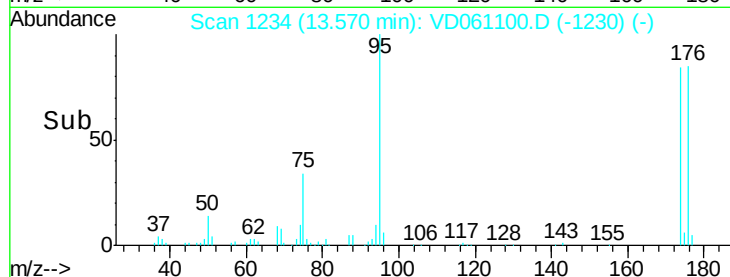
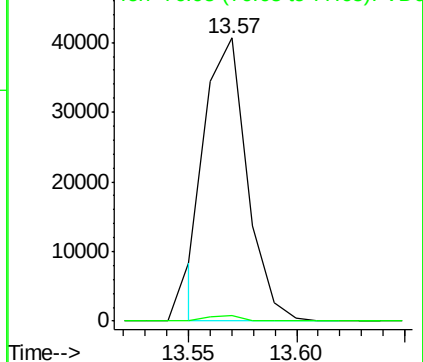
75 100

77 2.1 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 108.547 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

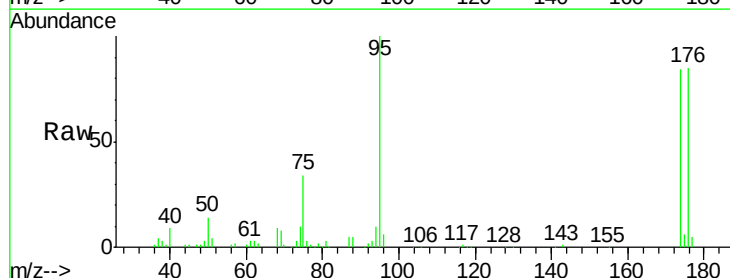
Tgt Ion: 75 Resp: 59202

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

