

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061068.D
 Acq On : 14 Mar 2019 16:49
 Operator : VA/AP
 Sample : K1901-04
 Misc : 4.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(7-8)

Quant Time: Mar 15 02:12:57 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	7.05	168	533102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	955400	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	605951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	136698	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	233319	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
35) Dibromofluoromethane	6.92	113	124821	17.60	ug/l	0.00
Spiked Amount			Recovery	=	35.20%	
50) Toluene-d8	10.41	98	795425	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
62) 4-Bromofluorobenzene	13.56	95	203310	29.43	ug/l	0.00
Spiked Amount			Recovery	=	58.86%	

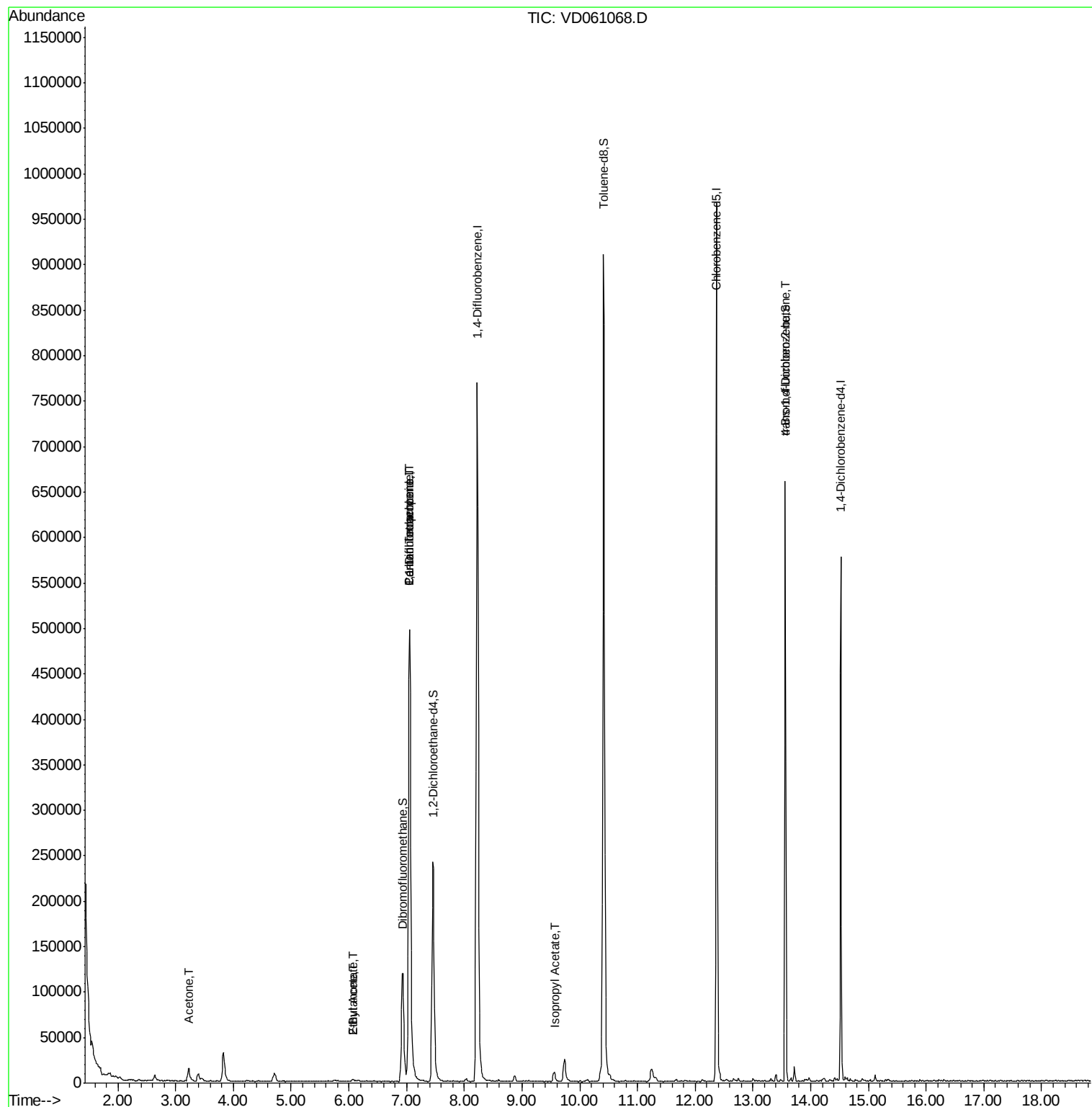
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	207	Below Cal	#	8
16) Acetone	3.22	43	28798	22.695	ug/l	94
20) Methylene Chloride	3.82	84	25312	Below Cal		88
25) 2-Butanone	6.08	43	5213	3.620	ug/l #	55
36) 1,1-Dichloropropene	7.05	75	38801	4.711	ug/l #	45
37) Ethyl Acetate	6.08	43	5213	1.349	ug/l #	66
38) Carbon Tetrachloride	7.05	117	50731	5.592	ug/l #	15
43) Isopropyl Acetate	9.55	43	9414	1.759	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	71464	123.255	ug/l #	17

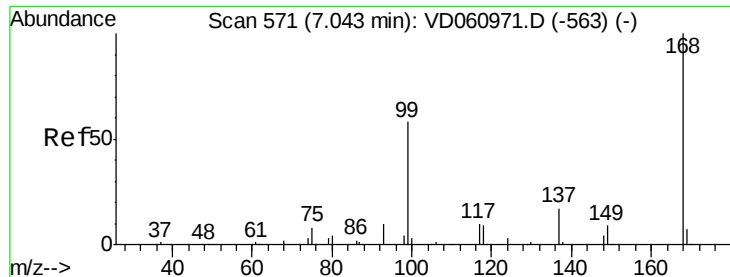
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-3(7-8)

Quant Time: Mar 15 02:12:57 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: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

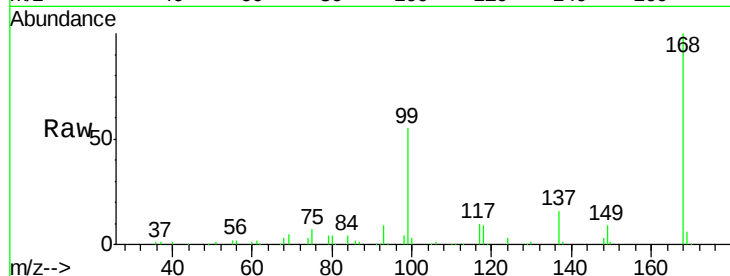
SB-3(7-8)

Tot Ion:168 Resp: 533102

Ion Ratio Lower Upper

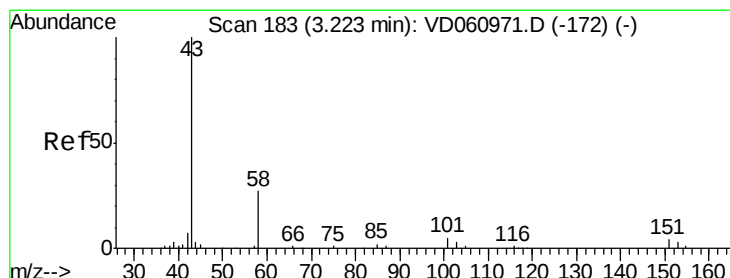
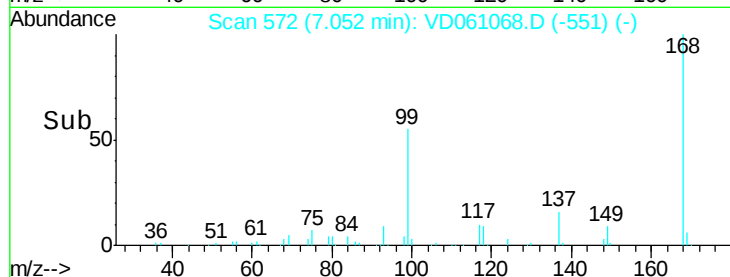
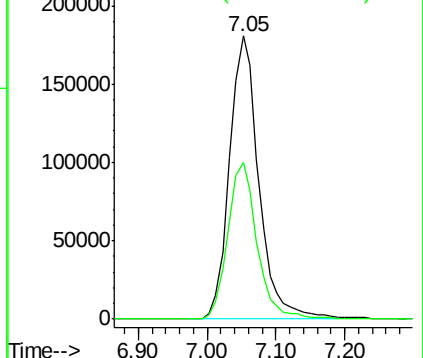
168 100

99 55.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 22.695 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061068.D

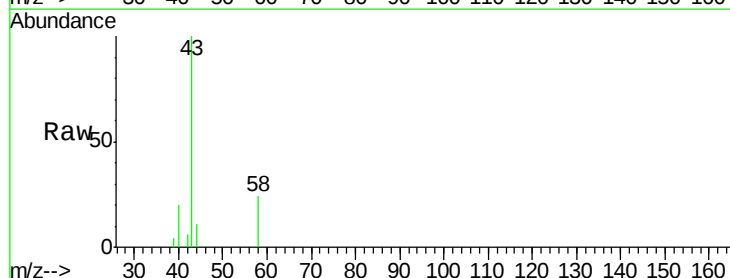
Acq: 14 Mar 2019 16:49

Tgt Ion: 43 Resp: 28798

Ion Ratio Lower Upper

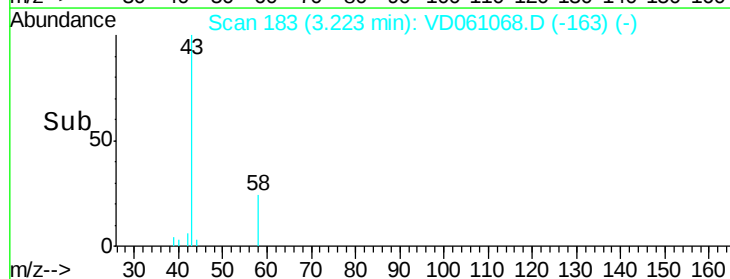
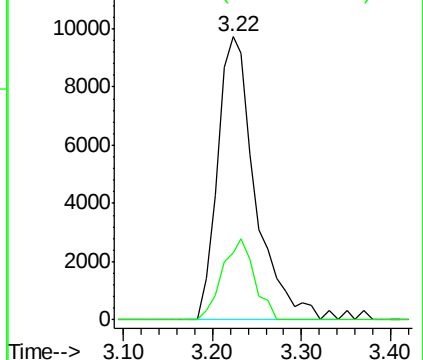
43 100

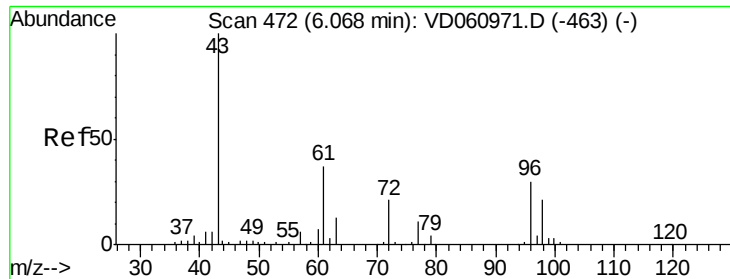
58 23.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 3.620 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

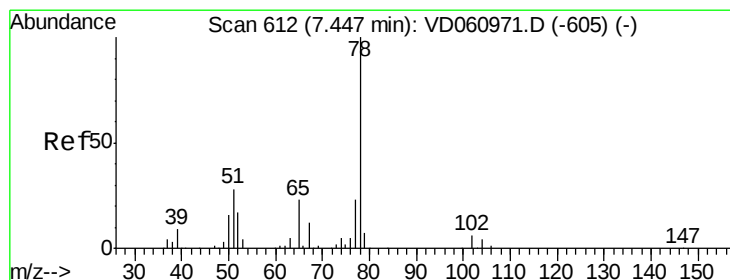
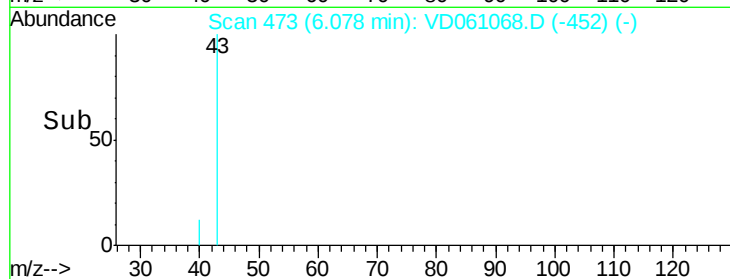
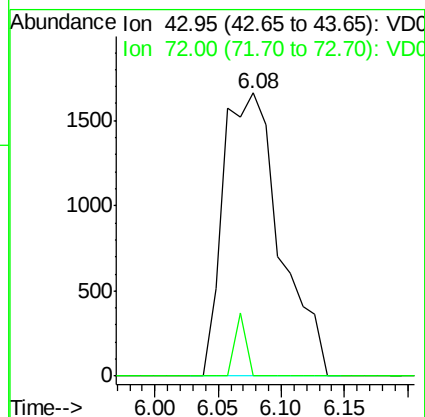
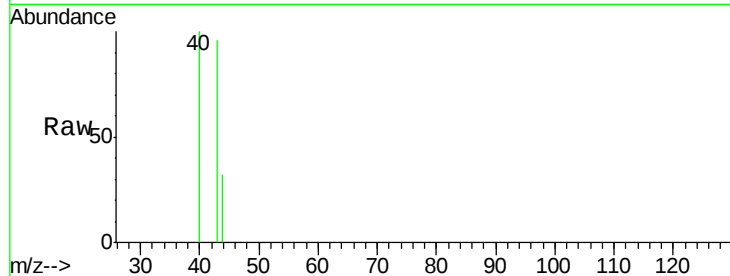
SB-3(7-8)

Tot Ion: 43 Resp: 5213

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061068.D

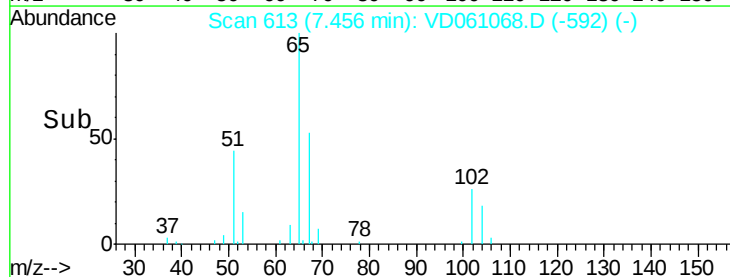
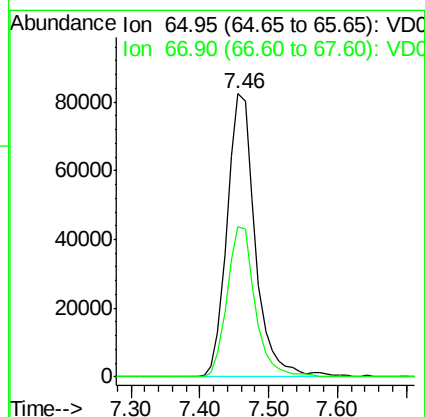
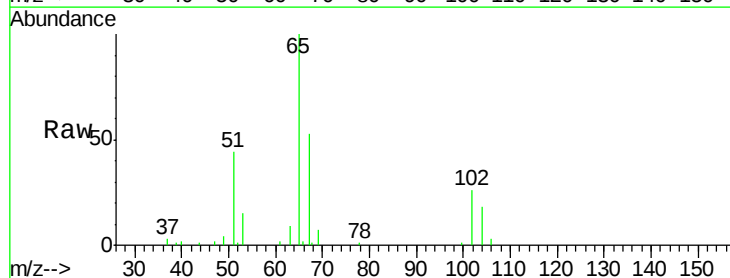
Acq: 14 Mar 2019 16:49

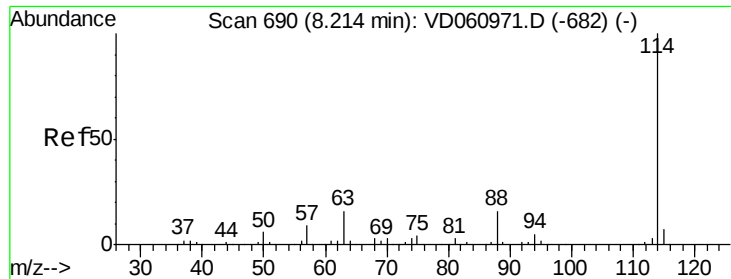
Tgt Ion: 65 Resp: 233319

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2

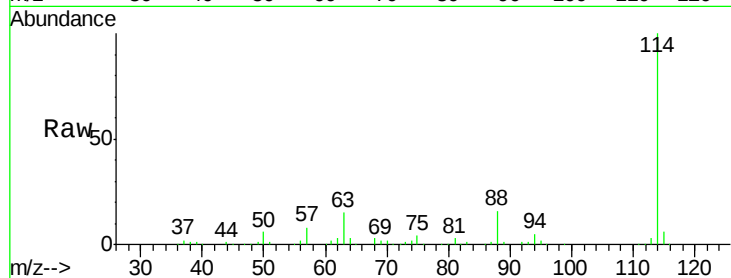




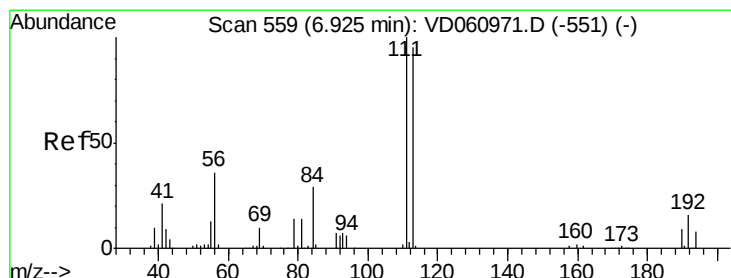
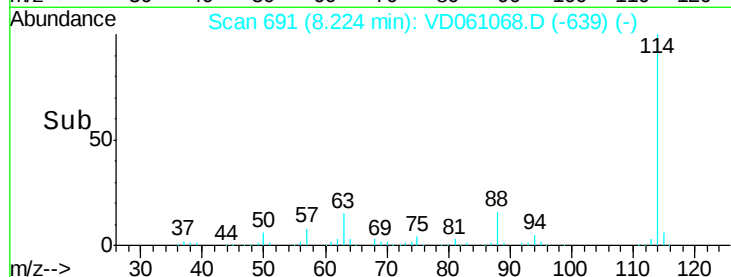
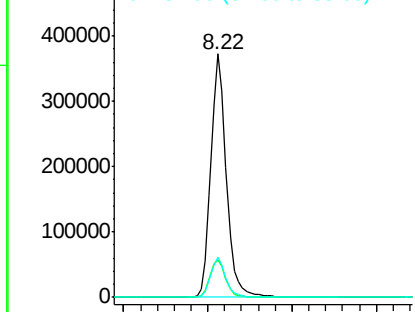
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(7-8)

Tot Ion:114 Resp: 955400
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.3 0.0 33.0

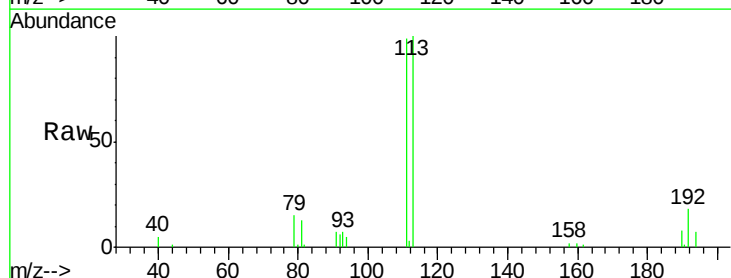


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

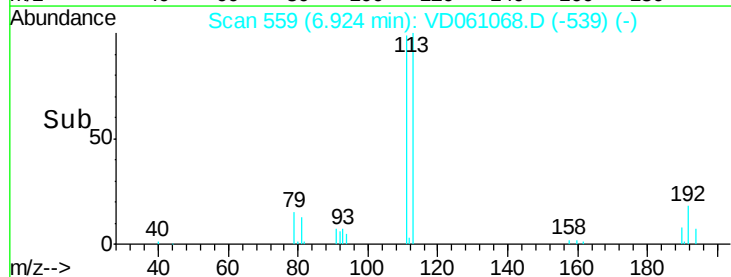
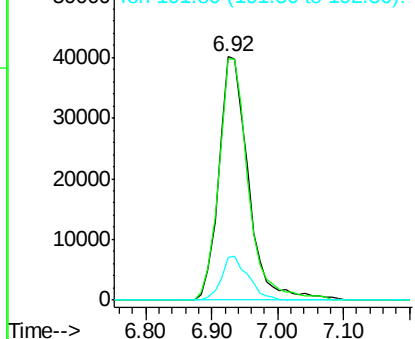


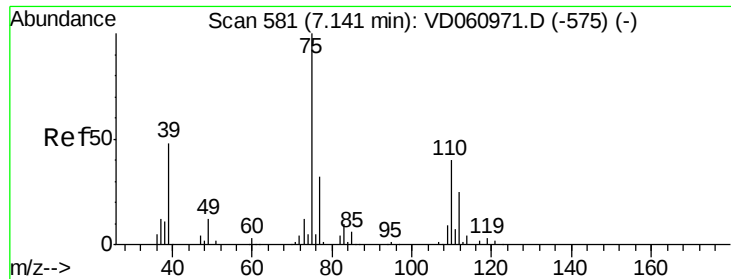
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Tgt Ion:113 Resp: 124821
 Ion Ratio Lower Upper
 113 100
 111 98.8 84.2 126.4
 192 17.5 13.1 19.7



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

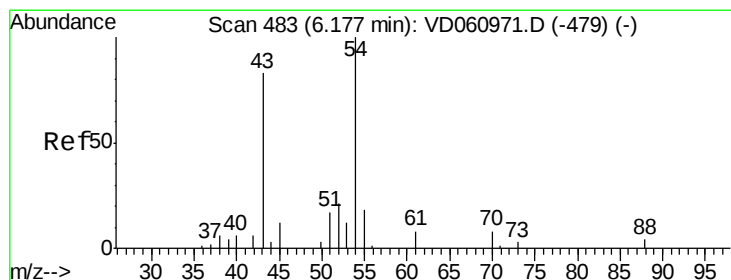
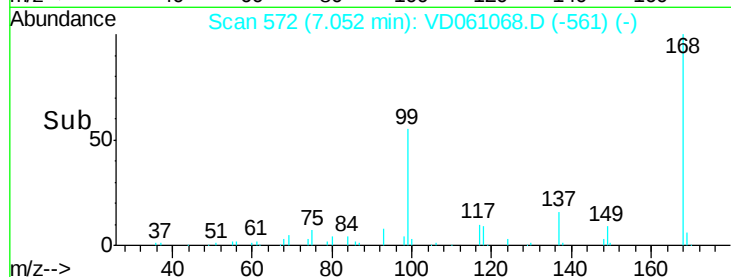
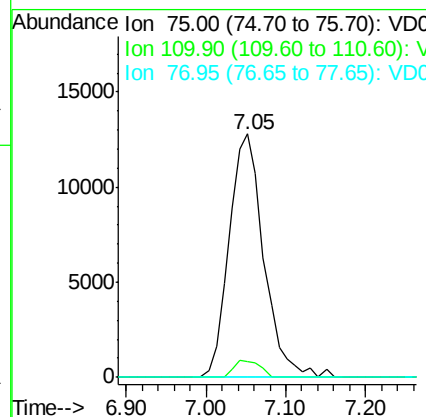
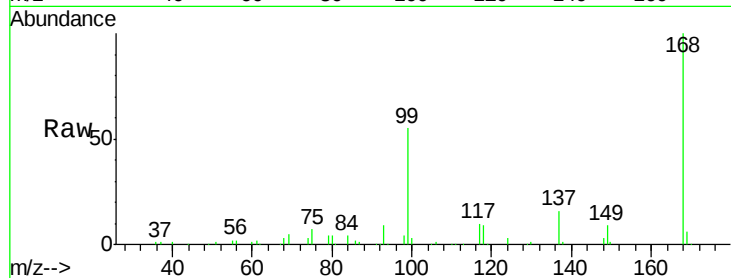




#36
 1,1-Dichloropropene
 Concen: 4.711 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

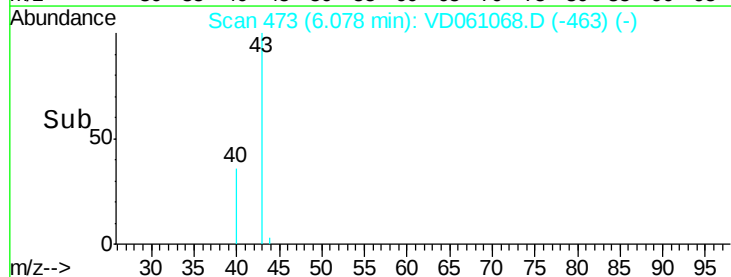
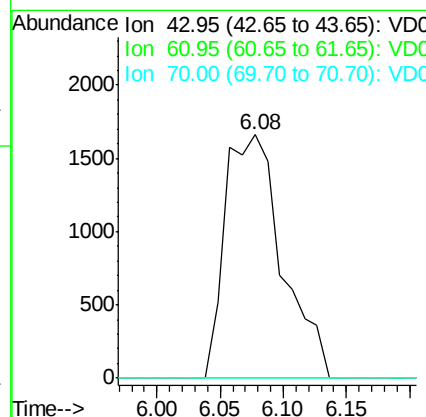
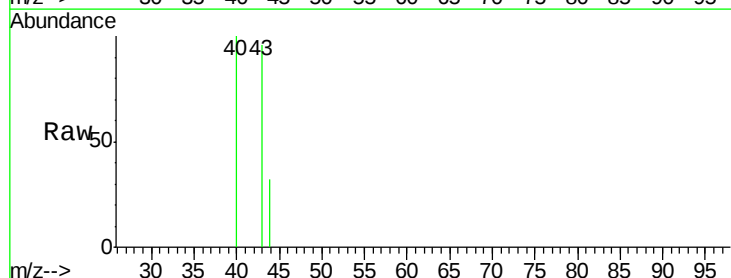
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(7-8)

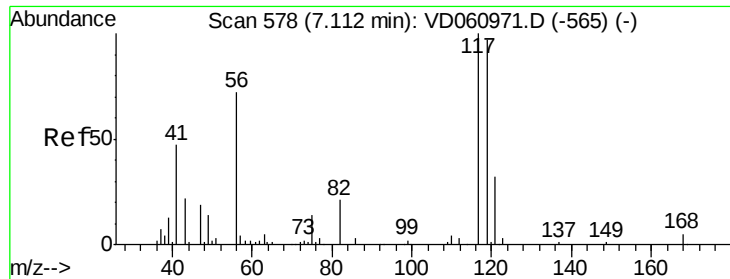
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	19.7	59.1#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.349 ug/l
 RT: 6.08 min Scan# 473
 Delta R.T. -0.10 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.7	20.5#
70	0.0	7.1	10.7#

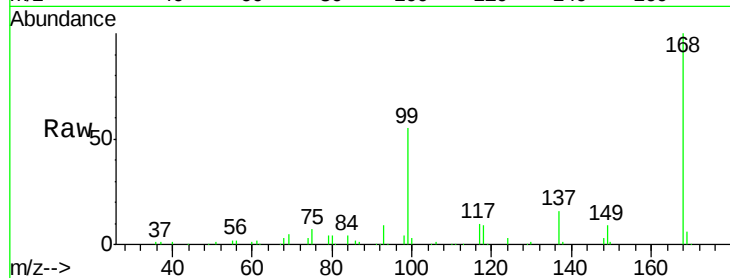




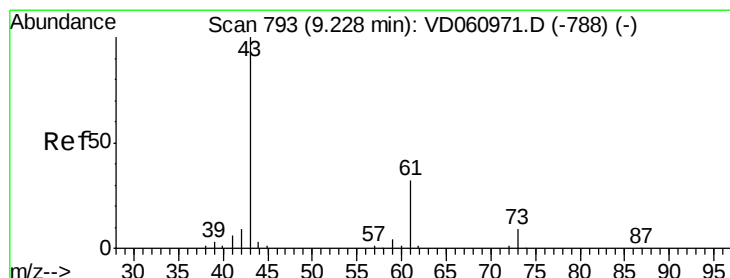
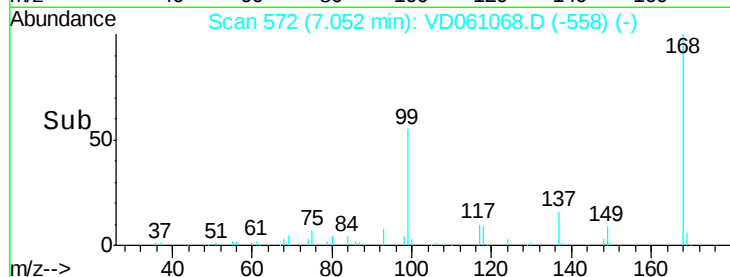
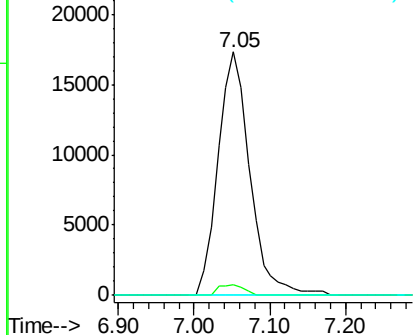
#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-3(7-8)

Tot Ion:117 Resp: 50731
Ion Ratio Lower Upper
117 100
119 4.2 77.8 116.8#
121 0.0 25.3 37.9#

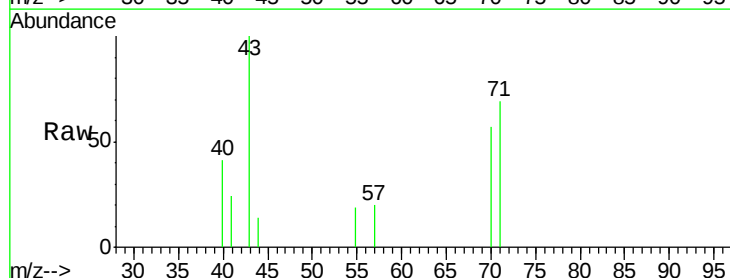


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

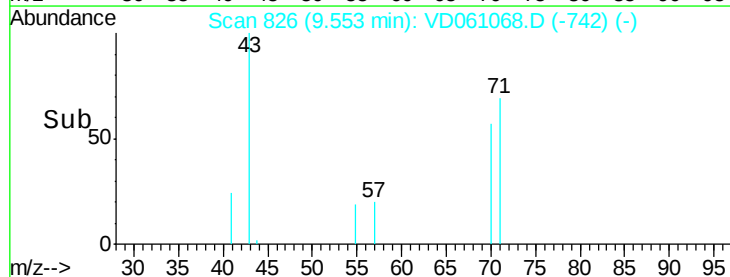
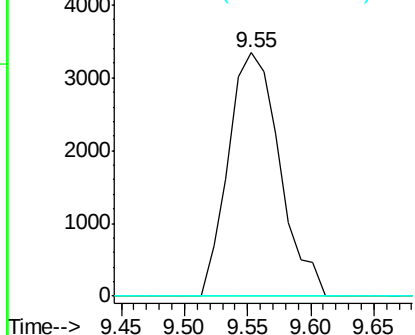


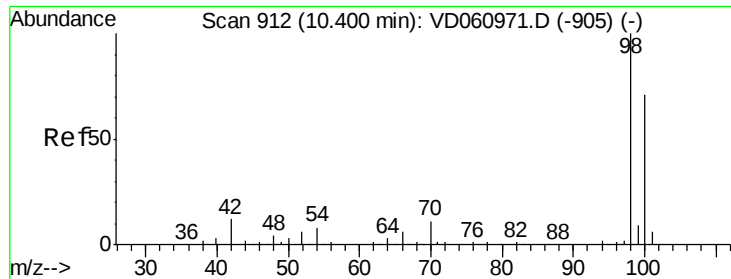
#43
Isopropyl Acetate
Concen: 1.759 ug/l
RT: 9.55 min Scan# 826
Delta R.T. 0.32 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Tgt Ion: 43 Resp: 9414
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

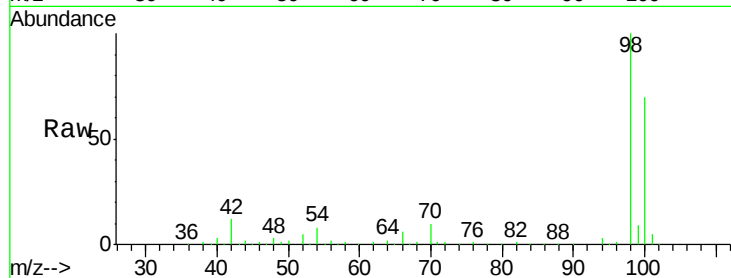




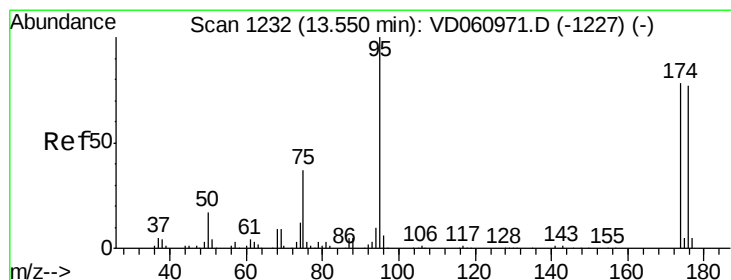
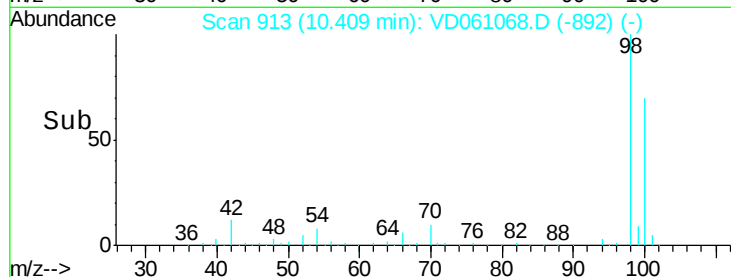
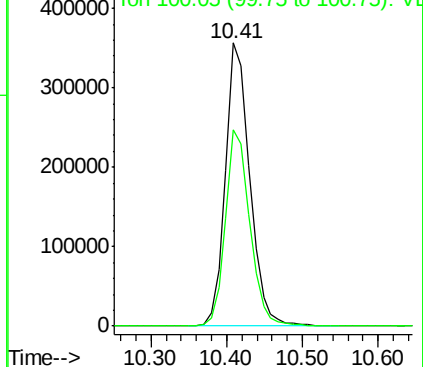
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-3(7-8)

Tot Ion: 98 Resp: 795425
Ion Ratio Lower Upper
98 100
100 69.5 57.4 86.2

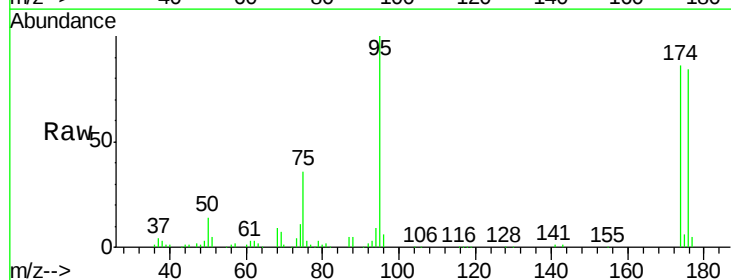


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

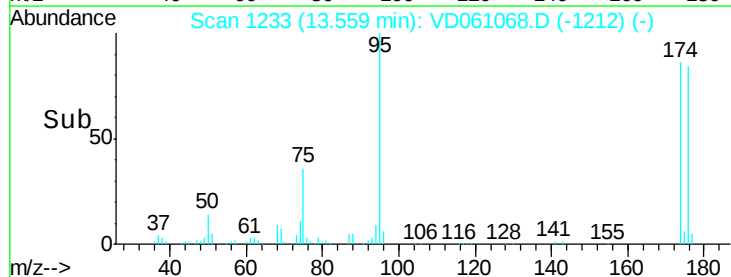
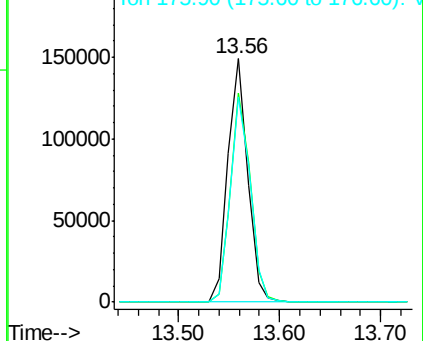


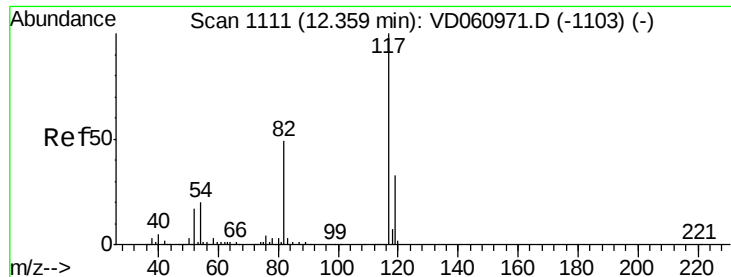
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Tgt Ion: 95 Resp: 203310
Ion Ratio Lower Upper
95 100
174 85.8 0.0 155.6
176 84.1 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

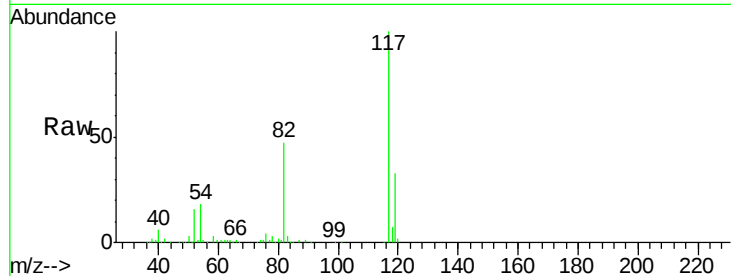




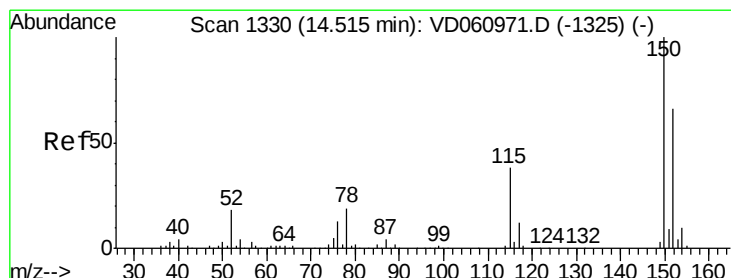
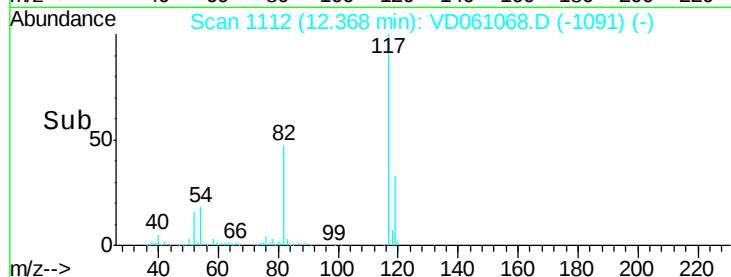
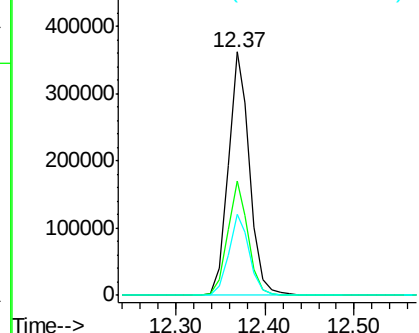
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-3(7-8)

Tot Ion:117 Resp: 605951
Ion Ratio Lower Upper
117 100
82 46.9 38.9 58.3
119 33.1 26.6 39.8

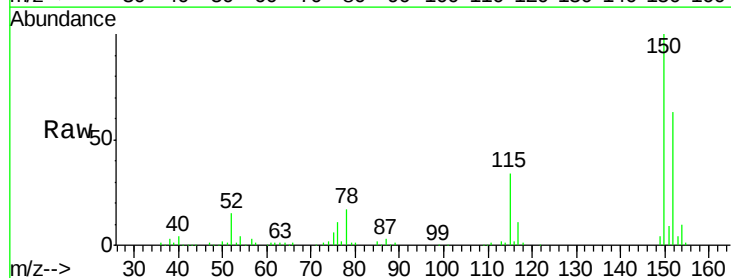


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

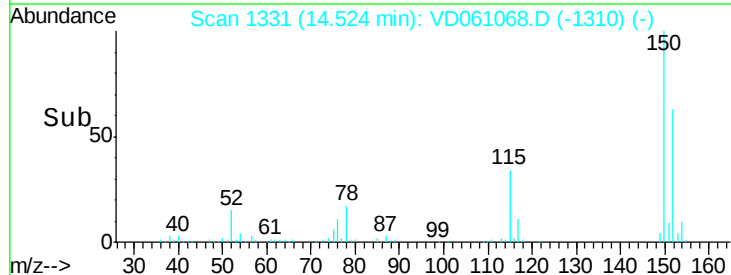
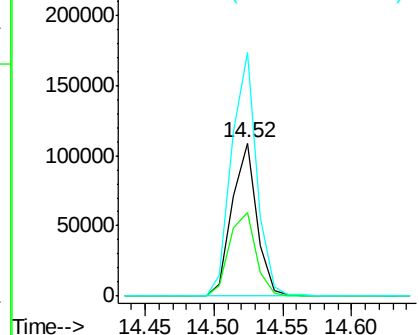


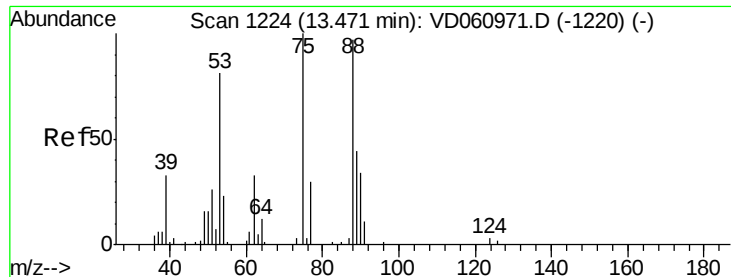
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061068.D
Acq: 14 Mar 2019 16:49

Tgt Ion:152 Resp: 136698
Ion Ratio Lower Upper
152 100
115 54.4 28.6 85.9
150 159.1 0.0 310.6



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: 123.255 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

SB-3(7-8)

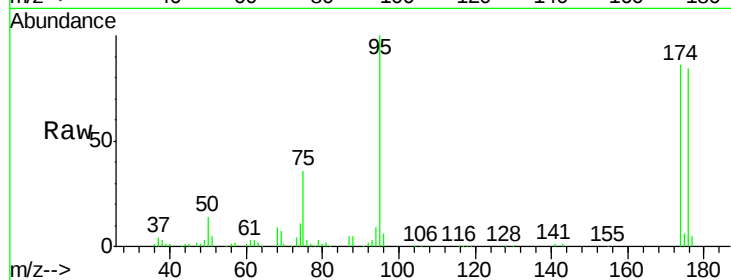
Tot Ion: 75 Resp: 71464

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

