

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060953.D
 Acq On : 5 Mar 2019 17:17
 Operator : VA/AP
 Sample : K1714-16
 Misc : 6.20g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-0-2

Quant Time: Mar 06 04:08:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

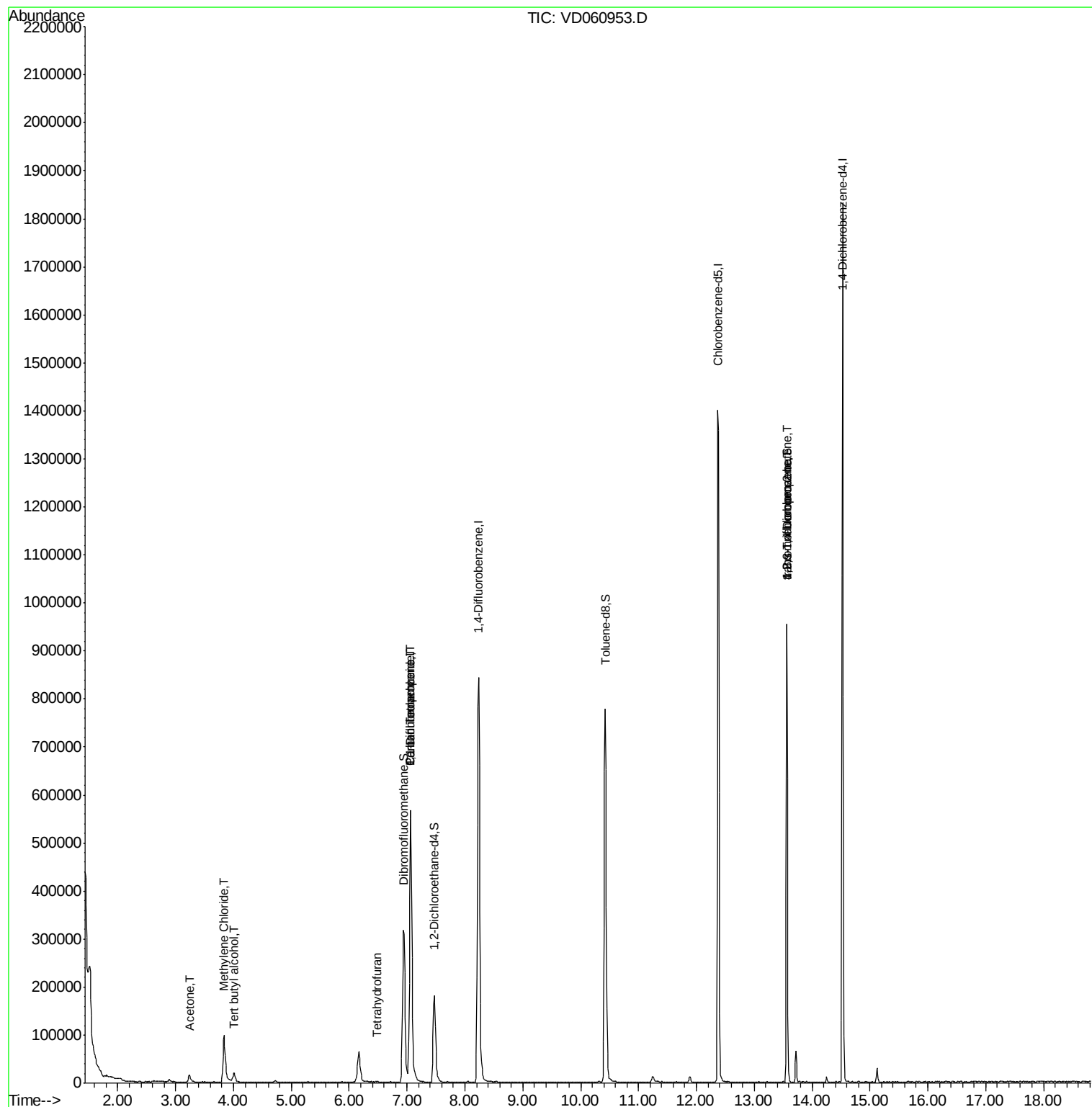
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	580188	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1070164	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	923757	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	405427	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	184577	38.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.96%	
35) Dibromofluoromethane	6.94	113	315844	36.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.62%	
50) Toluene-d8	10.42	98	714279	33.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.92%	
62) 4-Bromofluorobenzene	13.56	95	294267	36.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.01	59	18370	51.388	ug/l #	77
16) Acetone	3.24	43	28125	17.562	ug/l	94
20) Methylene Chloride	3.84	84	74407	6.641	ug/l	97
29) Tetrahydrofuran	6.49	42	1863	1.822	ug/l #	34
36) 1,1-Dichloropropene	7.06	75	45399	4.614	ug/l #	45
38) Carbon Tetrachloride	7.06	117	57266	5.417	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	103195	15.709	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	106064	54.556	ug/l #	20
89) n-Butylbenzene	14.81	91	540	Below Cal	#	86

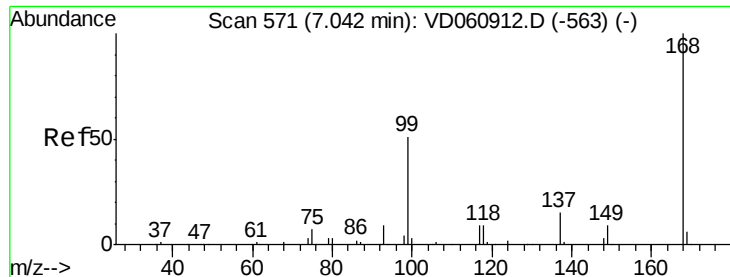
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
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Quant Time: Mar 06 04:08:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

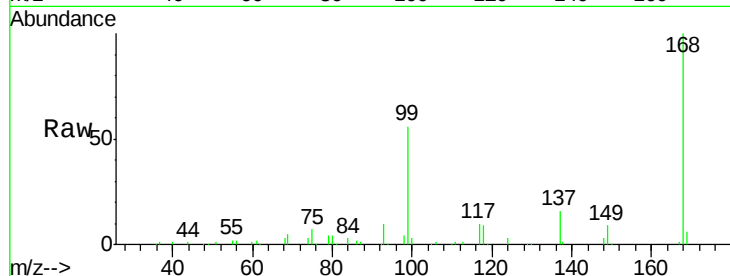
SB-D-0-2

Tot Ion:168 Resp: 580188

Ion Ratio Lower Upper

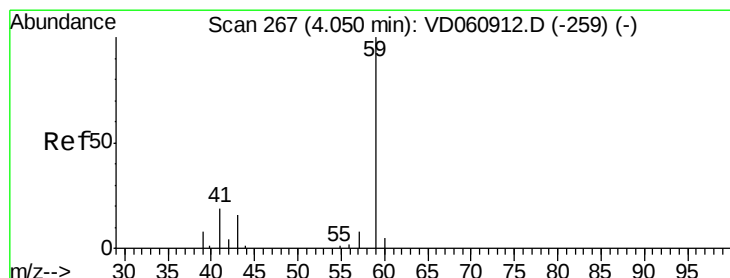
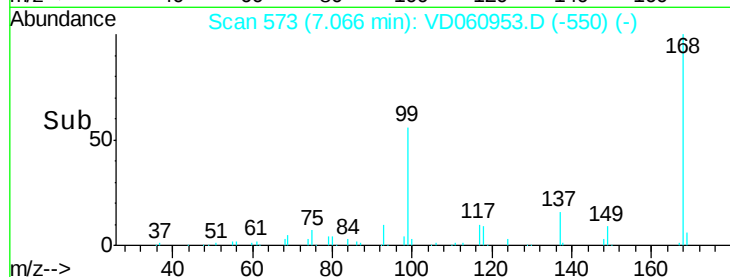
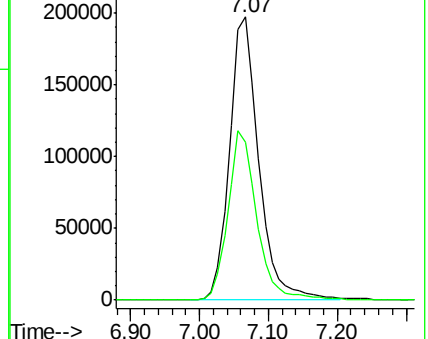
168 100

99 56.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 51.388 ug/l

RT: 4.01 min Scan# 263

Delta R.T. -0.04 min

Lab File: VD060953.D

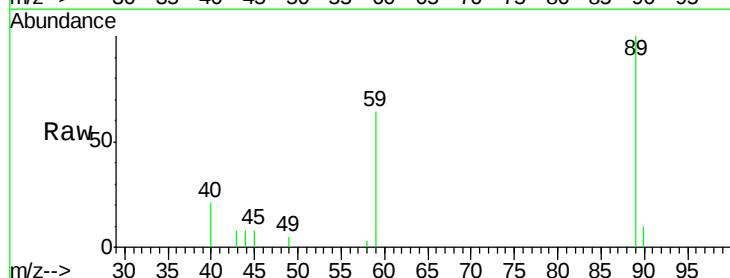
Acq: 5 Mar 2019 17:17

Tgt Ion: 59 Resp: 18370

Ion Ratio Lower Upper

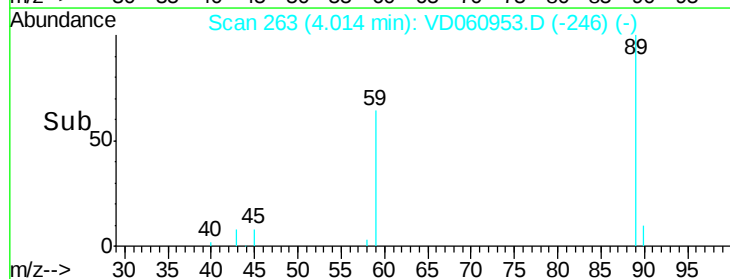
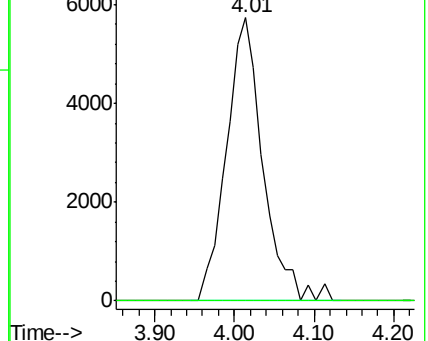
59 100

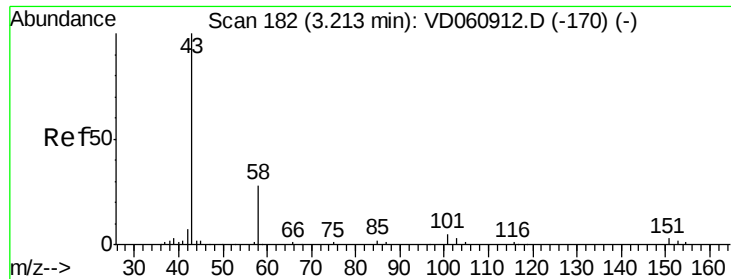
57 0.0 6.5 9.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 17.562 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Instrument :

MSVOA_D

ClientSampleID :

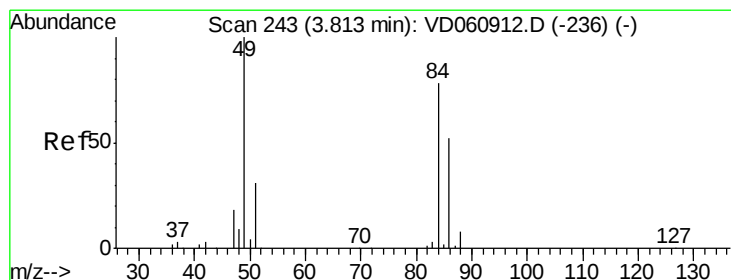
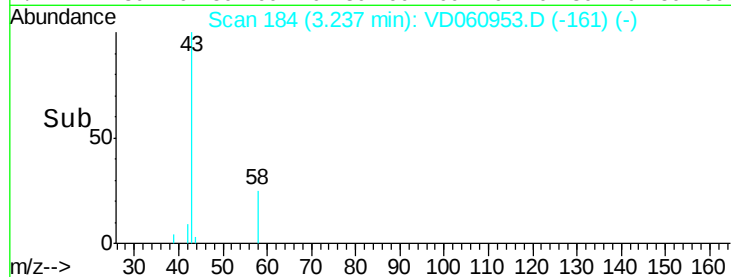
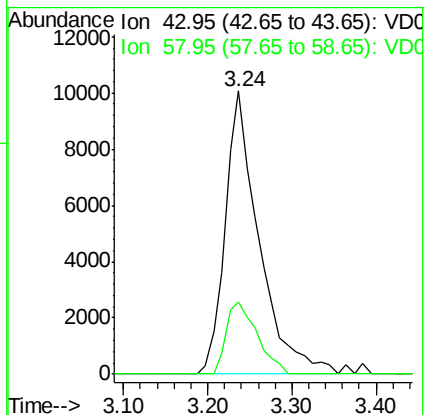
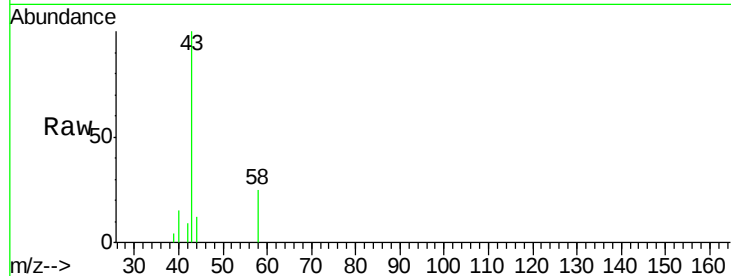
SB-D-0-2

Tot Ion: 43 Resp: 28125

Ion Ratio Lower Upper

43 100

58 25.3 22.8 34.2



#20

Methylene Chloride

Concen: 6.641 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.02 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Tgt Ion: 84 Resp: 74407

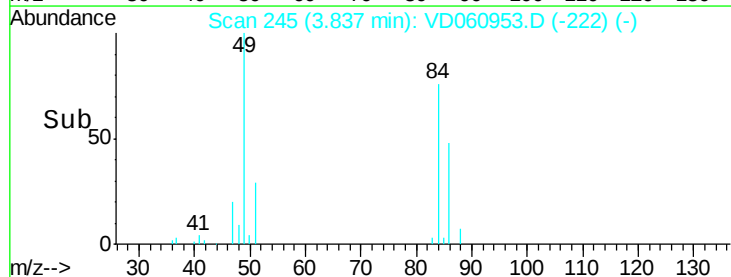
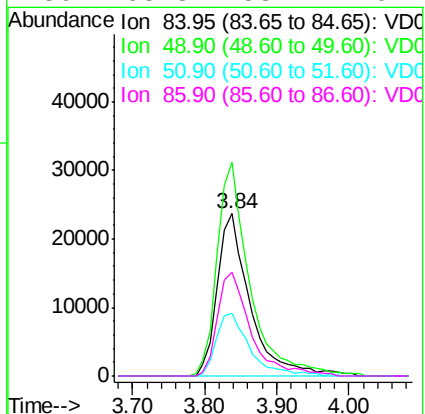
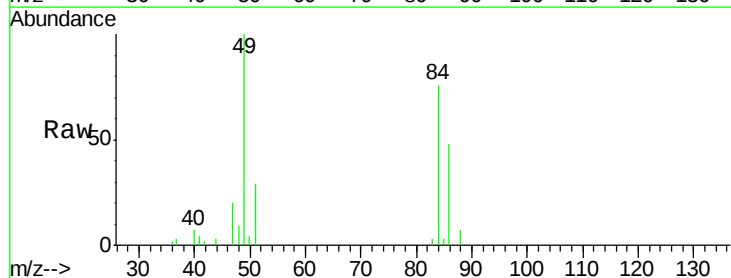
Ion Ratio Lower Upper

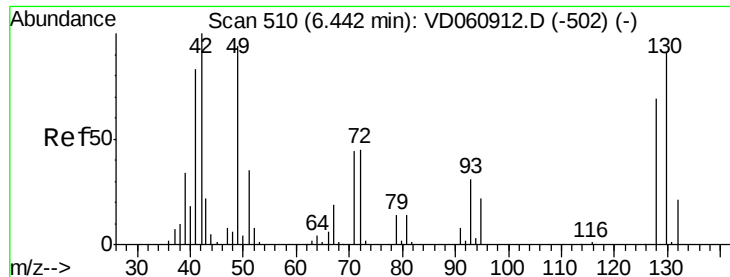
84 100

49 131.7 102.4 153.6

51 38.6 31.9 47.9

86 63.8 53.1 79.7





#29

Tetrahydrofuran

Concen: 1.822 ug/l

RT: 6.49 min Scan# 514

Delta R.T. 0.04 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-D-0-2

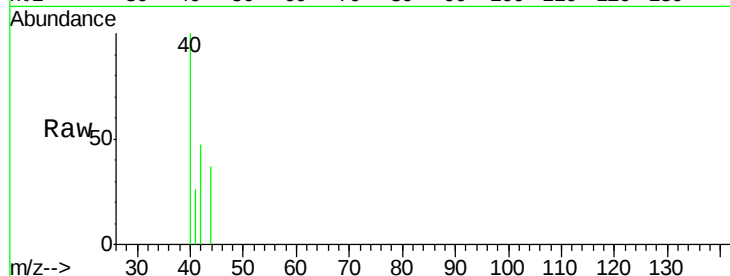
Tot Ion: 42 Resp: 1863

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

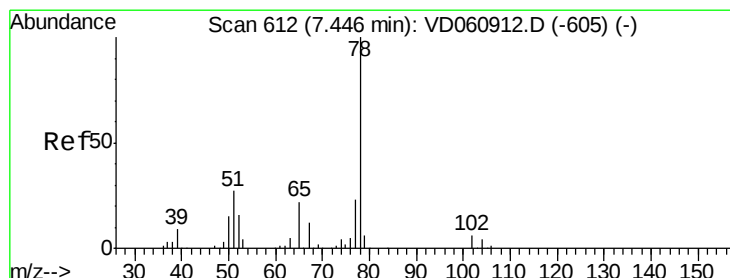
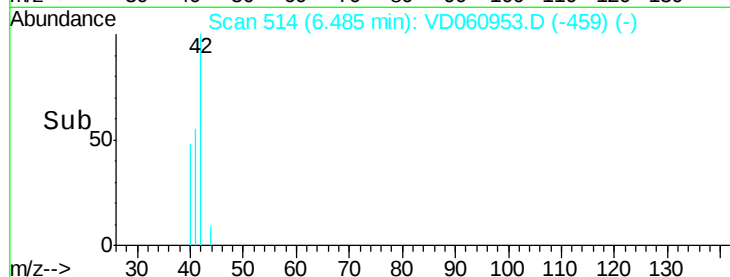
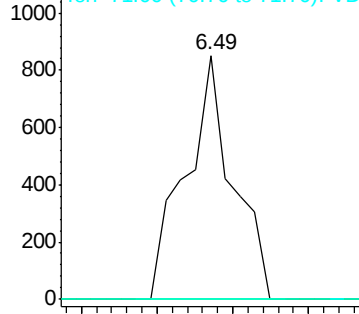
71 0.0 33.5 50.3#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD060953.D

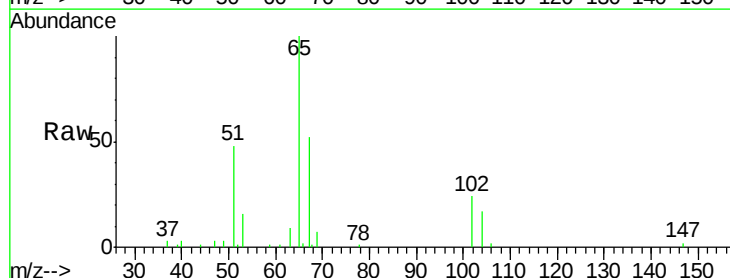
Acq: 5 Mar 2019 17:17

Tgt Ion: 65 Resp: 184577

Ion Ratio Lower Upper

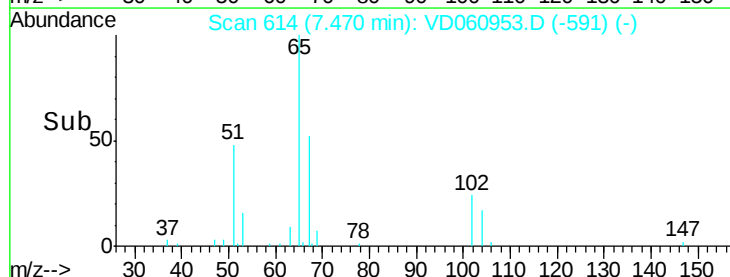
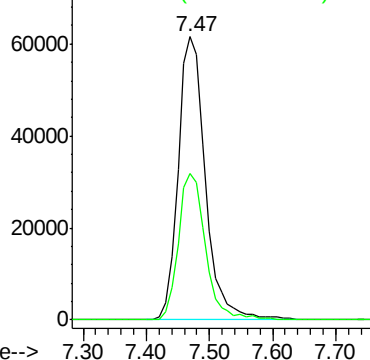
65 100

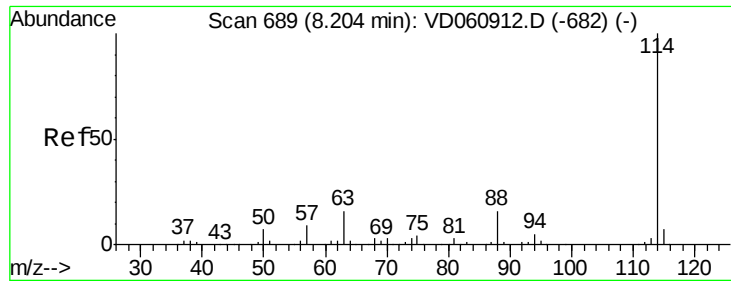
67 51.7 0.0 109.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

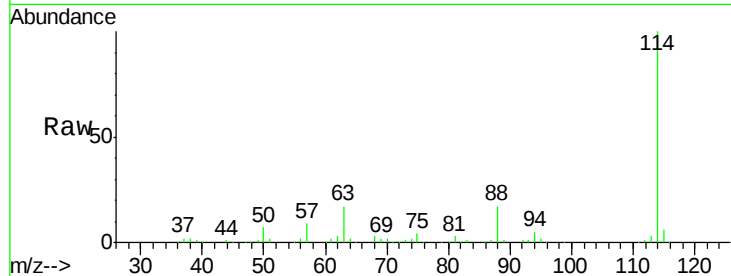




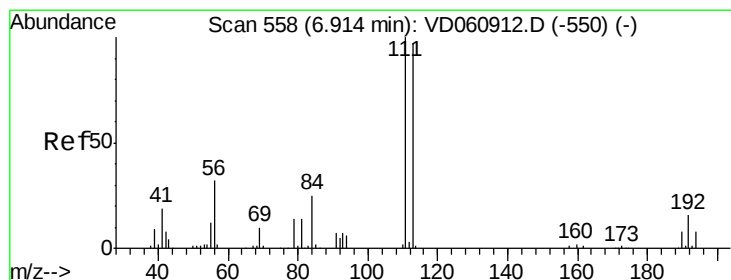
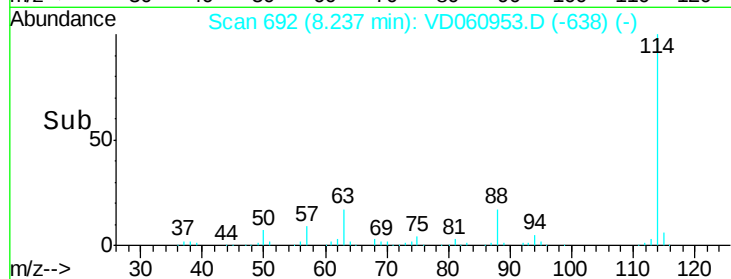
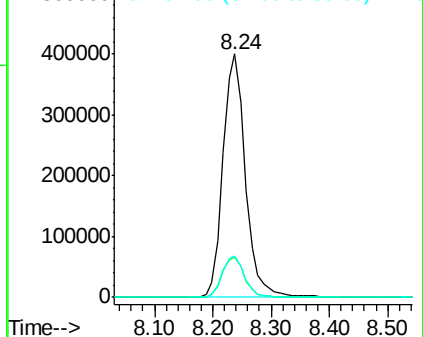
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-0-2

Tot Ion:114 Resp: 1070164
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.0
 88 16.8 0.0 32.8

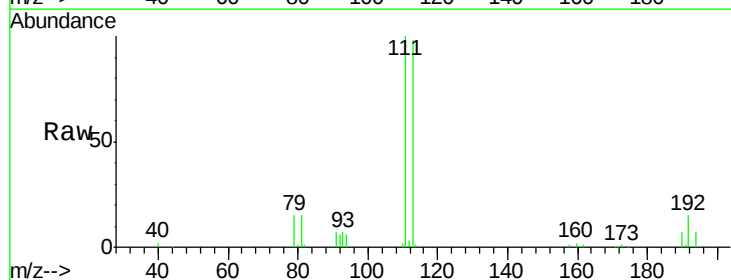


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

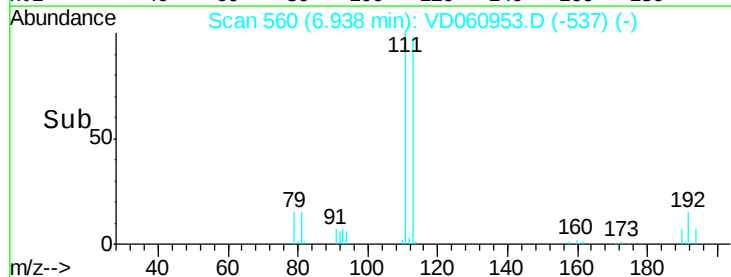
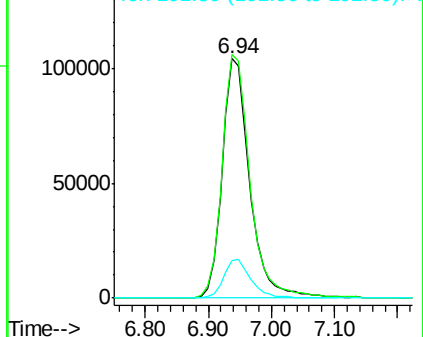


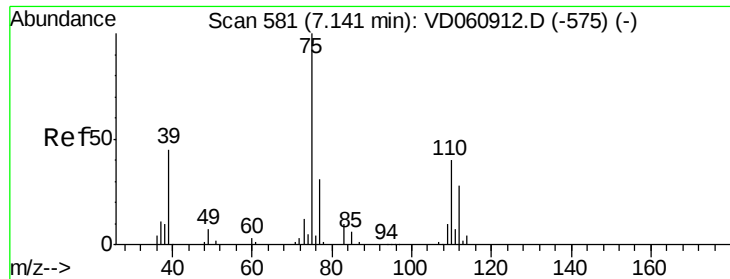
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Tgt Ion:113 Resp: 315844
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 15.7 13.4 20.2



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: 4.614 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.08 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-D-0-2

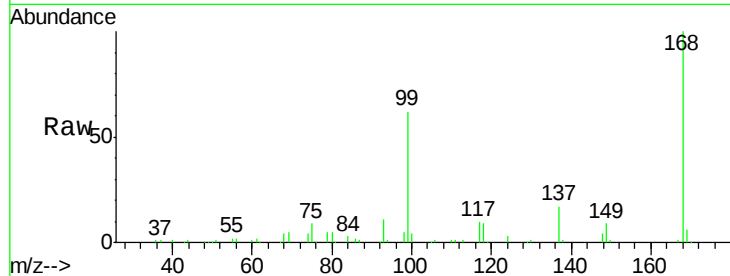
Tot Ion: 75 Resp: 45399

Ion Ratio Lower Upper

75 100

110 7.0 19.9 59.7#

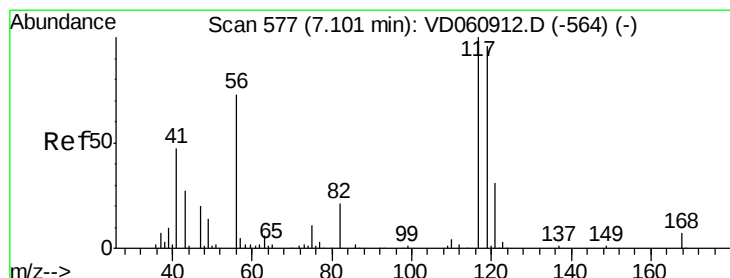
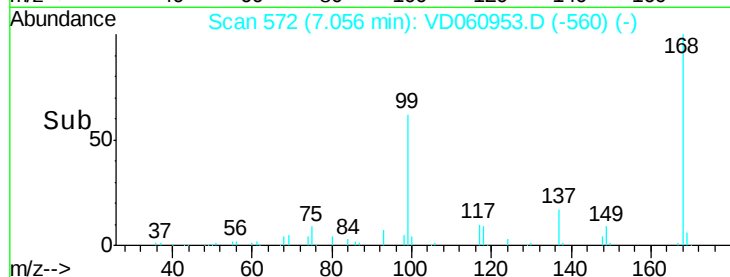
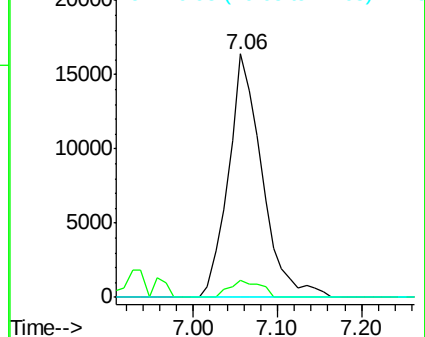
77 0.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 5.417 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.05 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

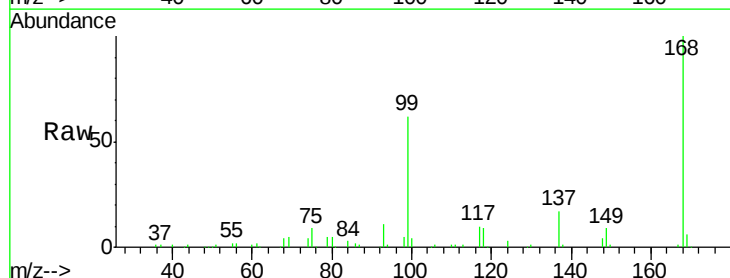
Tgt Ion: 117 Resp: 57266

Ion Ratio Lower Upper

117 100

119 4.3 76.9 115.3#

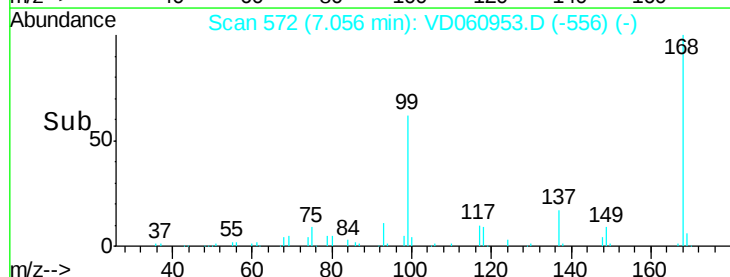
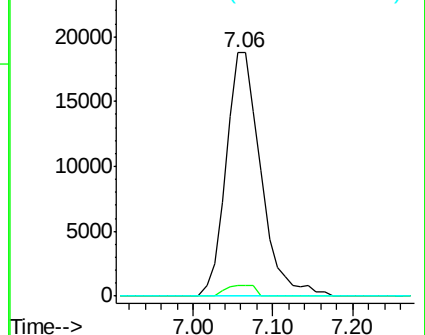
121 0.0 24.5 36.7#

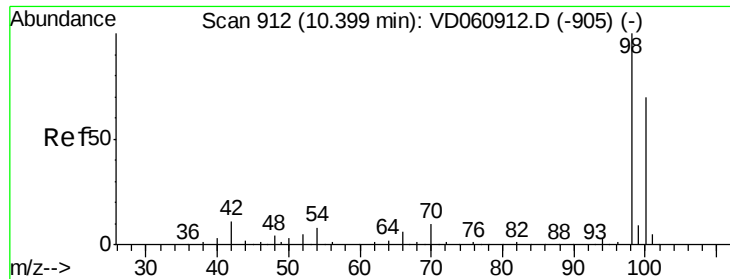


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

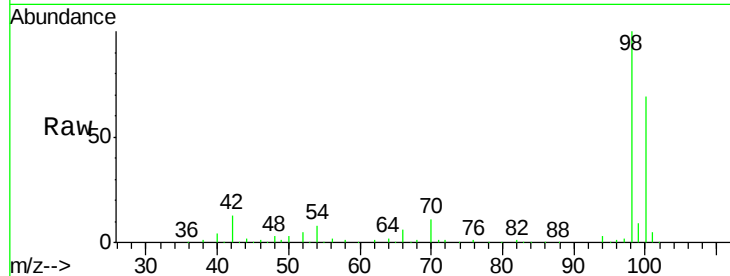




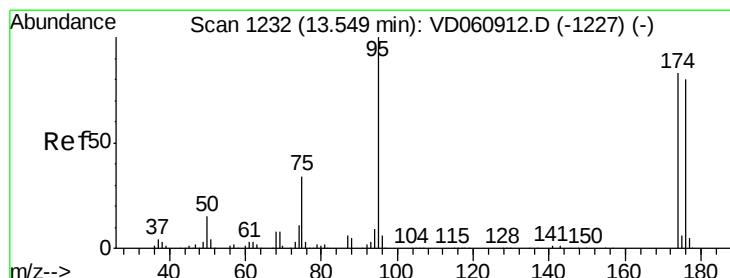
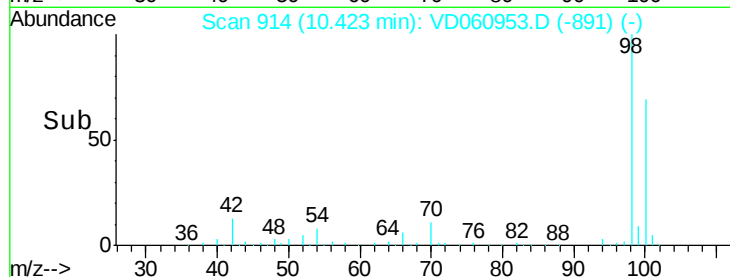
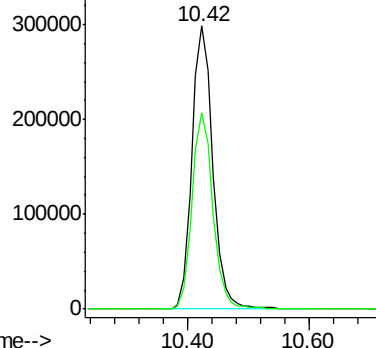
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-D-0-2

Tot Ion: 98 Resp: 714279
Ion Ratio Lower Upper
98 100
100 69.2 57.0 85.4

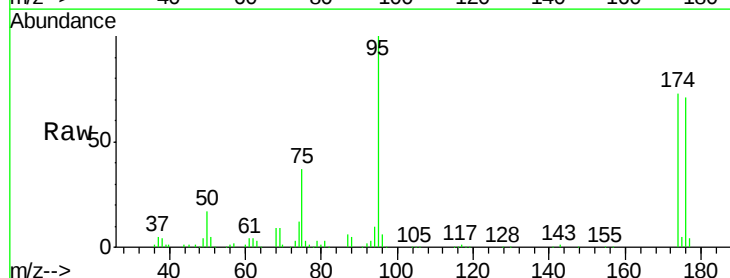


Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

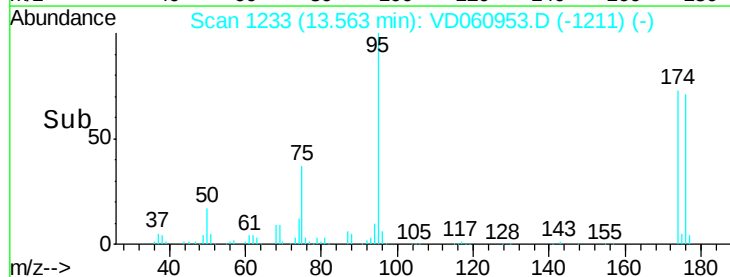
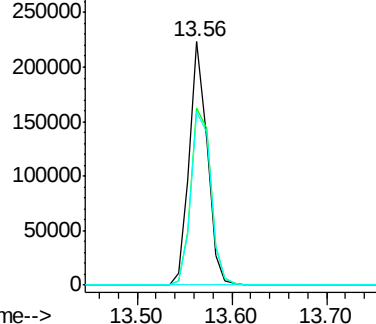


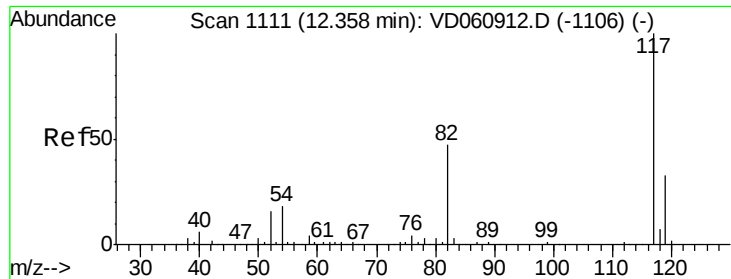
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Tgt Ion: 95 Resp: 294267
Ion Ratio Lower Upper
95 100
174 72.7 0.0 165.6
176 71.0 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

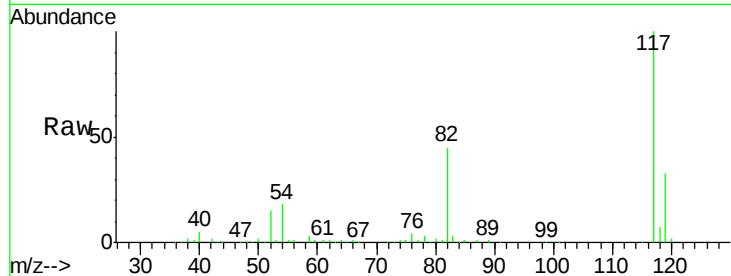




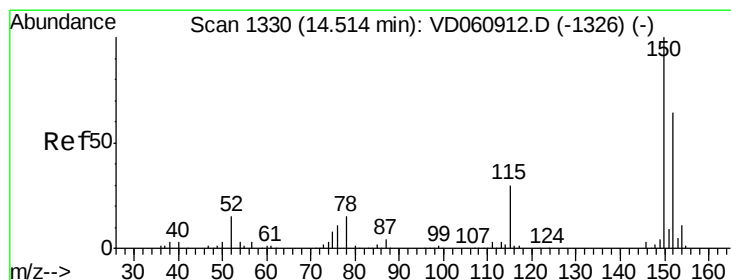
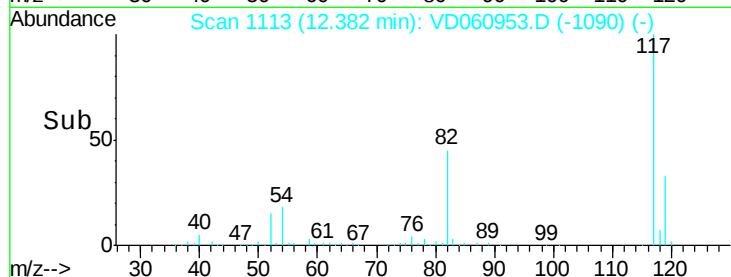
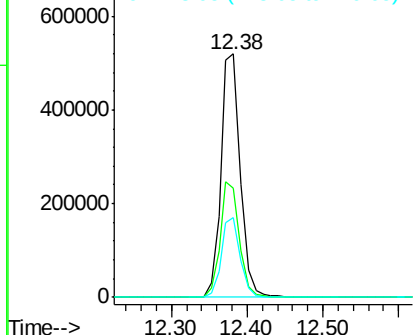
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-D-0-2

Tot Ion:117 Resp: 923757
Ion Ratio Lower Upper
117 100
82 44.8 37.5 56.3
119 32.9 26.2 39.2

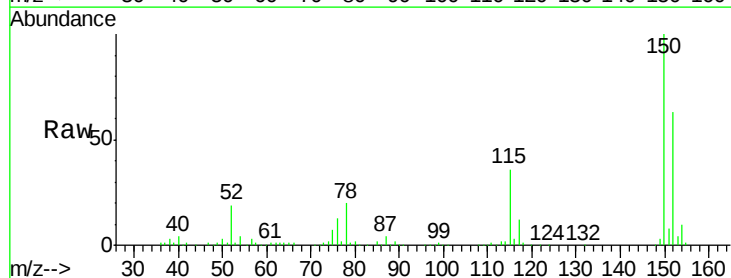


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

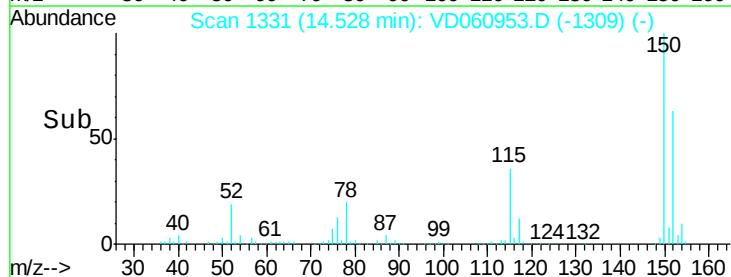
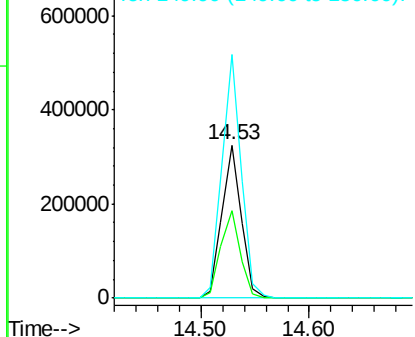


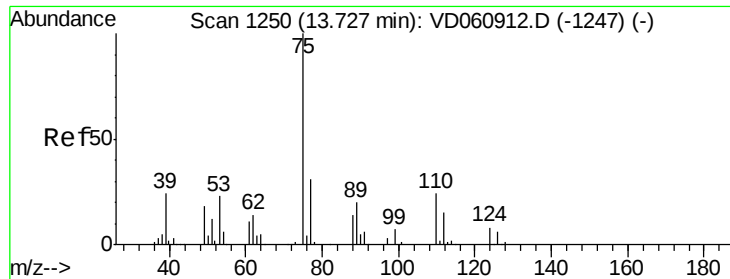
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Tgt Ion:152 Resp: 405427
Ion Ratio Lower Upper
152 100
115 57.1 27.6 82.8
150 159.2 0.0 312.8



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

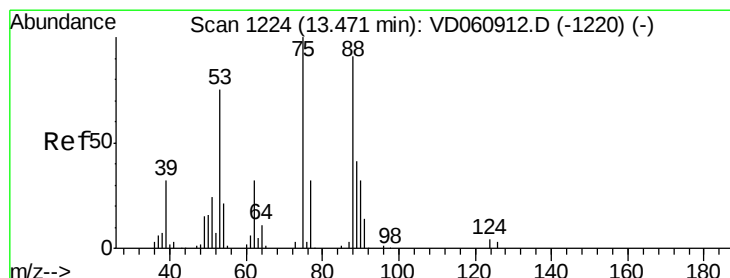
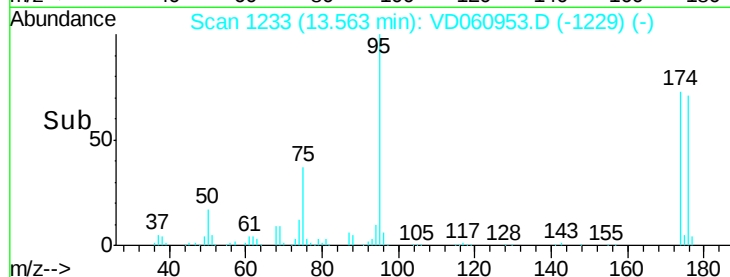
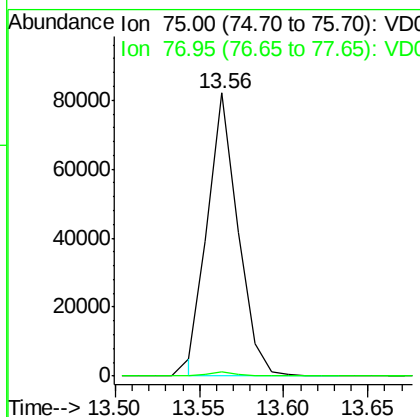
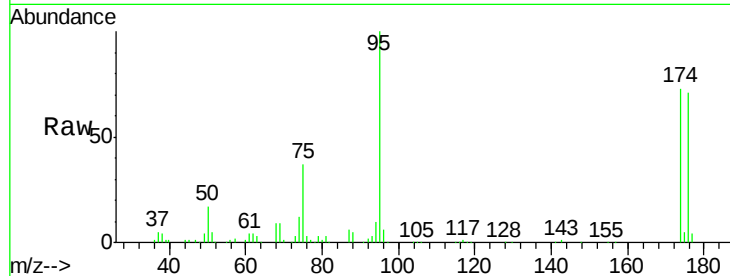




#76
 1,2,3-Trichloropropane
 Concen: 15.709 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.16 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-0-2

Tot Ion: 75 Resp: 103195
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.2 48.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.556 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Tgt Ion: 75 Resp: 106064
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.6#
 89 0.0 33.0 49.6#

