

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060954.D
 Acq On : 5 Mar 2019 17:45
 Operator : VA/AP
 Sample : K1714-17
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 SB-D-2-5

Quant Time: Mar 06 04:08:50 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	7.06	168	551607	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	947382	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	779679	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	394714	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	213236	46.76	ug/l	0.02
Spiked Amount			Recovery	=	93.52%	
35) Dibromofluoromethane	6.94	113	298745	39.33	ug/l	0.03
Spiked Amount			Recovery	=	78.66%	
50) Toluene-d8	10.41	98	712121	37.68	ug/l	0.02
Spiked Amount			Recovery	=	75.36%	
62) 4-Bromofluorobenzene	13.56	95	287996	40.32	ug/l	0.02
Spiked Amount			Recovery	=	80.64%	

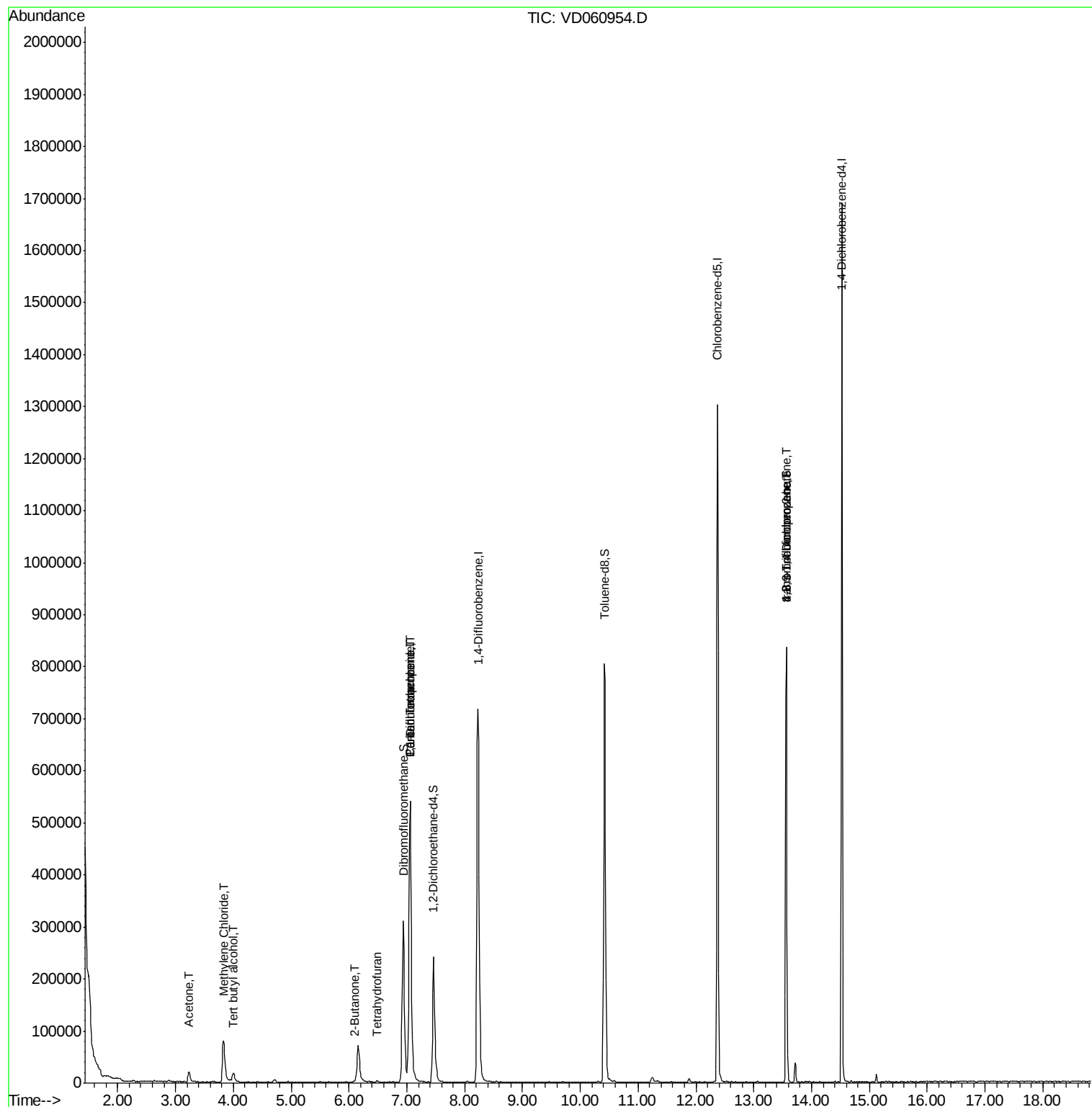
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.00	59	17363	51.088	ug/l #	77
16) Acetone	3.23	43	39657	26.046	ug/l #	87
20) Methylene Chloride	3.83	84	63240	5.521	ug/l	92
25) 2-Butanone	6.09	43	2003	1.060	ug/l #	55
29) Tetrahydrofuran	6.47	42	2199	2.262	ug/l #	41
36) 1,1-Dichloropropene	7.05	75	42544	4.884	ug/l #	45
38) Carbon Tetrachloride	7.06	117	52160	5.574	ug/l #	16
76) 1,2,3-Trichloropropane	13.55	75	93367	14.599	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.55	75	104601	55.264	ug/l #	20
89) n-Butylbenzene	14.81	91	383	Below Cal	#	29

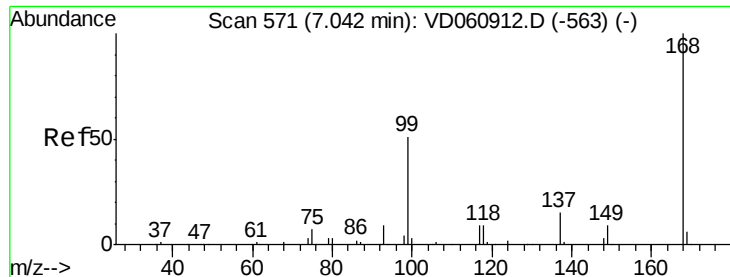
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
Data File : VD060954.D
Acq On : 5 Mar 2019 17:45
Operator : VA/AP
Sample : K1714-17
Misc : 5.63g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

Quant Time: Mar 06 04:08:50 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: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

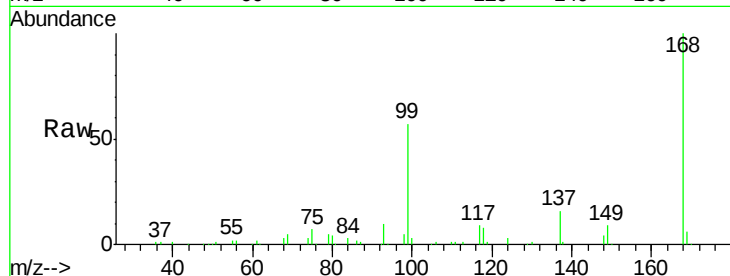
SB-D-2-5

Tot Ion:168 Resp: 551607

Ion Ratio Lower Upper

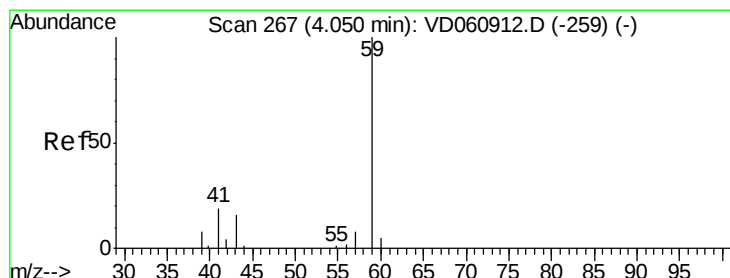
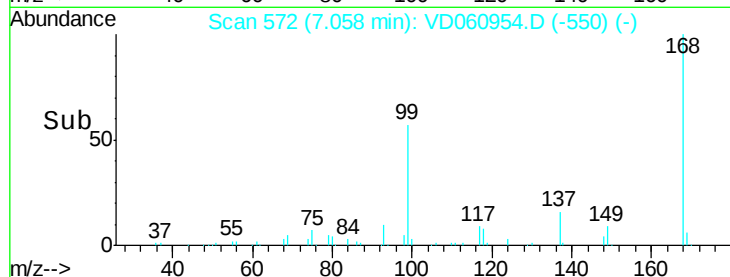
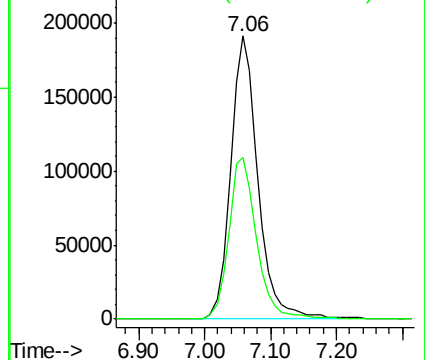
168 100

99 57.3 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: 51.088 ug/l

RT: 4.00 min Scan# 261

Delta R.T. -0.05 min

Lab File: VD060954.D

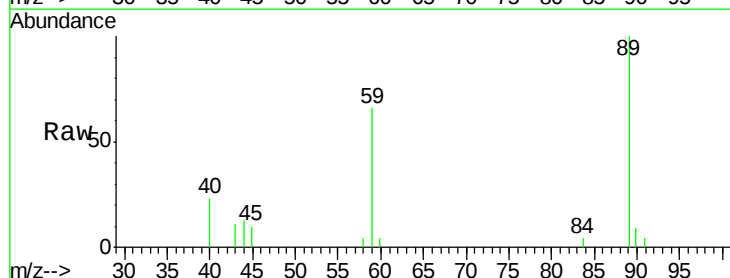
Acq: 5 Mar 2019 17:45

Tgt Ion: 59 Resp: 17363

Ion Ratio Lower Upper

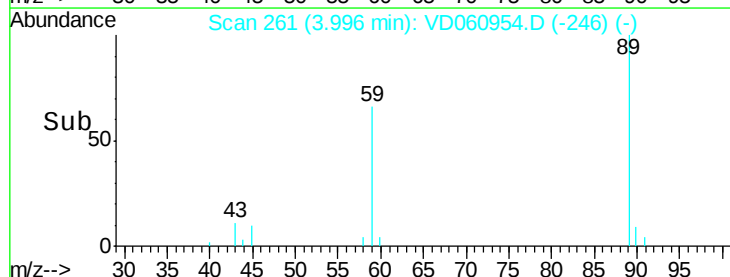
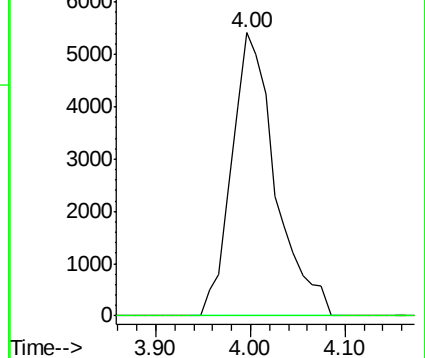
59 100

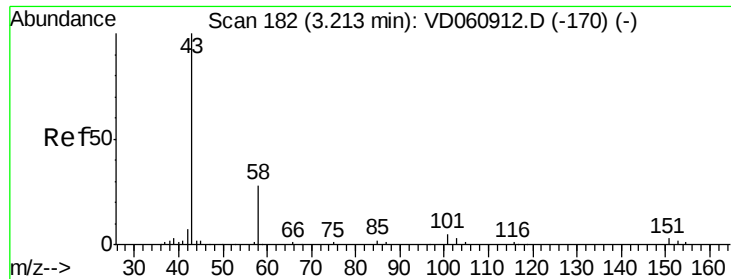
57 0.0 6.5 9.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 26.046 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

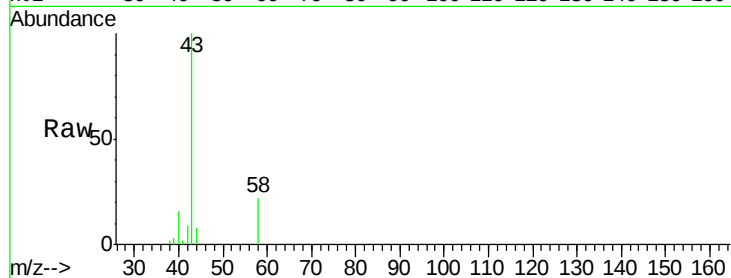
SB-D-2-5

Tot Ion: 43 Resp: 39657

Ion Ratio Lower Upper

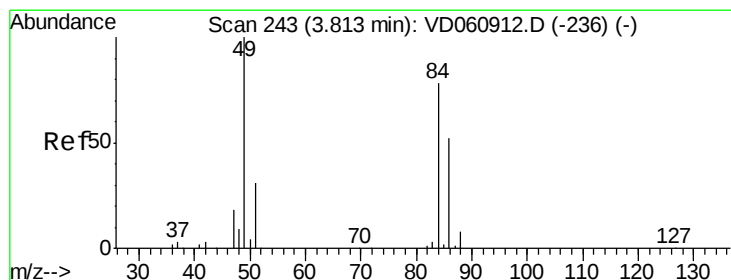
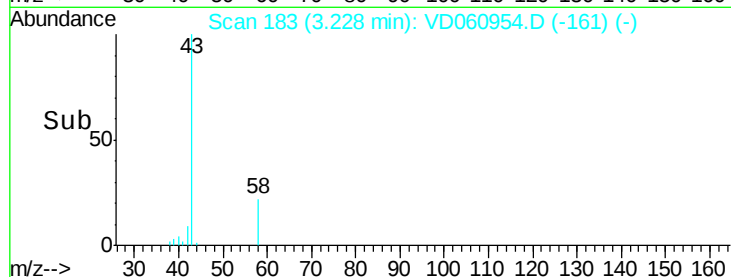
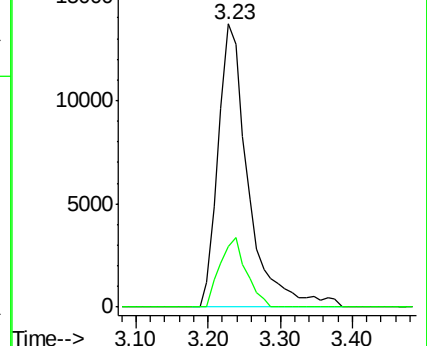
43 100

58 21.7 22.8 34.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 5.521 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Tgt Ion: 84 Resp: 63240

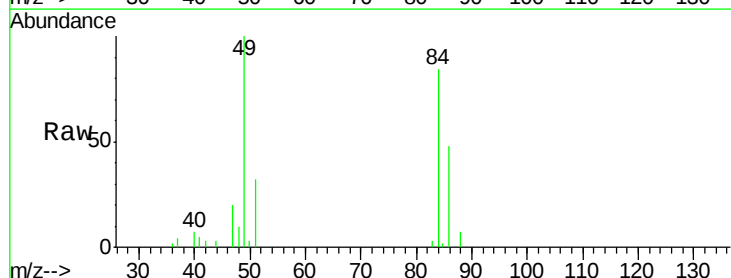
Ion Ratio Lower Upper

84 100

49 119.4 102.4 153.6

51 38.8 31.9 47.9

86 57.5 53.1 79.7

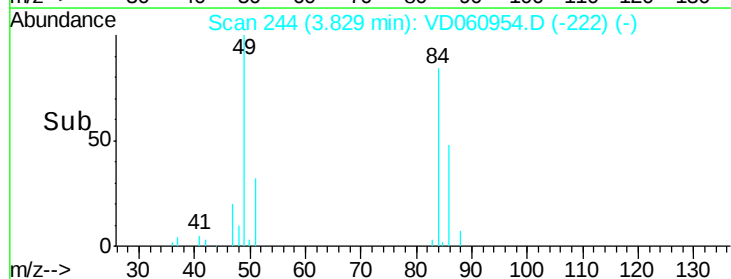
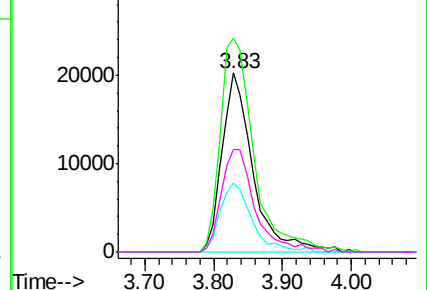


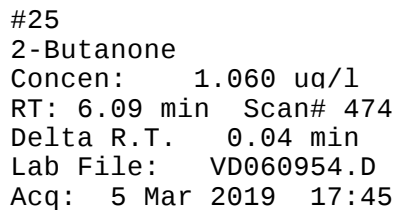
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

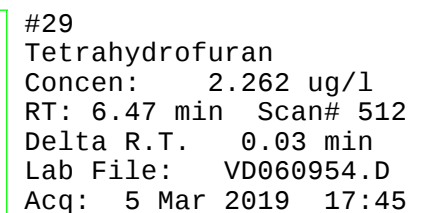
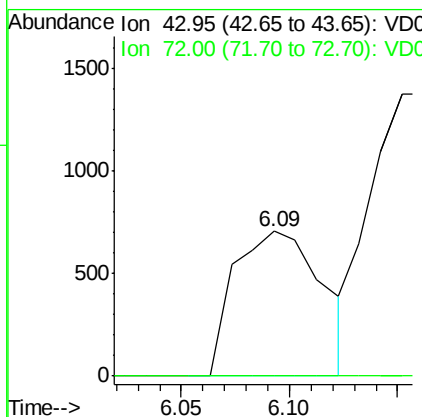
Ion 85.90 (85.60 to 86.60): VDC



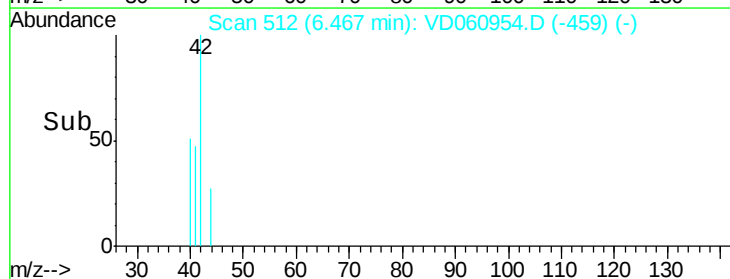
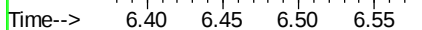
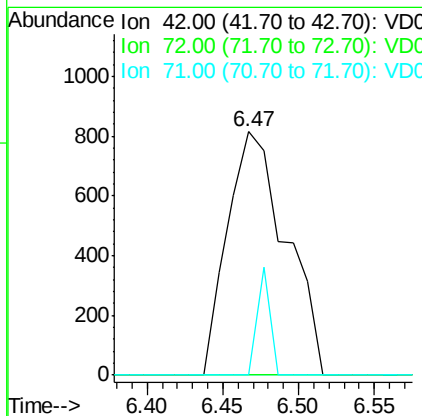


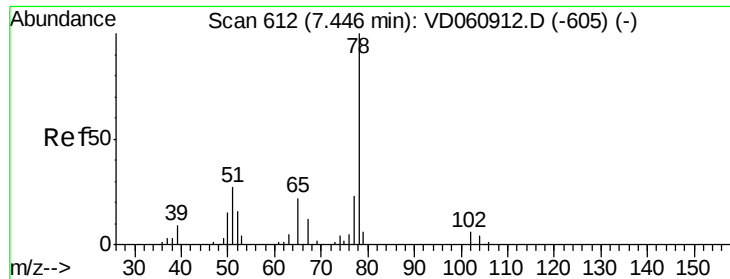
Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

Tot	Ion: 43	Resp:	2003
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.4#



Tgt	Ion: 42	Resp:	2199
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	9.8	33.5	50.3#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

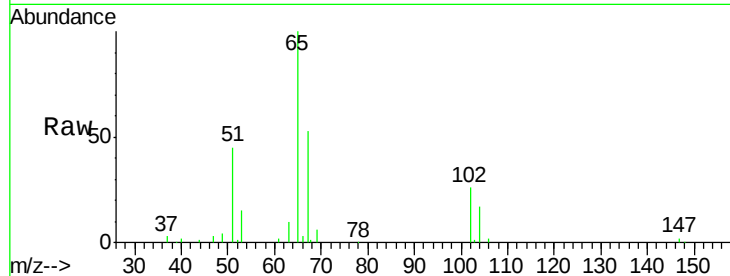
SB-D-2-5

Tot Ion: 65 Resp: 213236

Ion Ratio Lower Upper

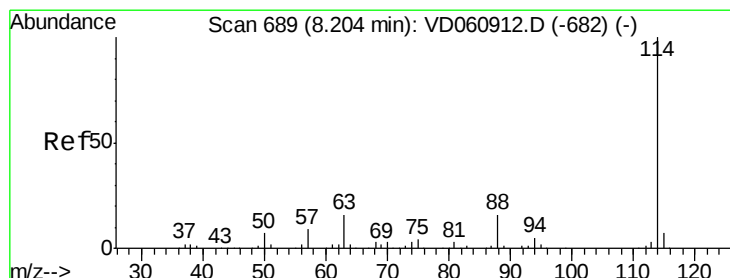
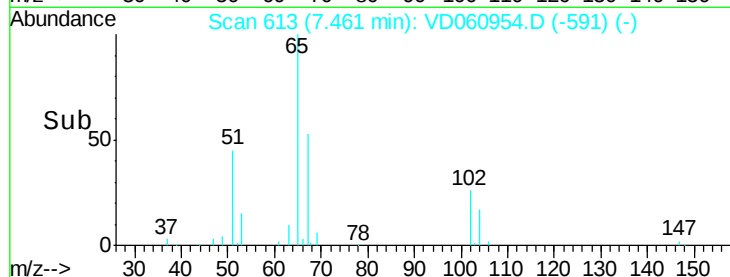
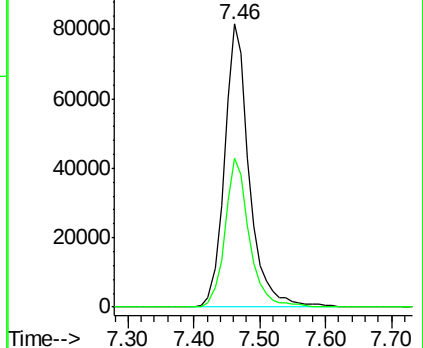
65 100

67 52.8 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: 8.23 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

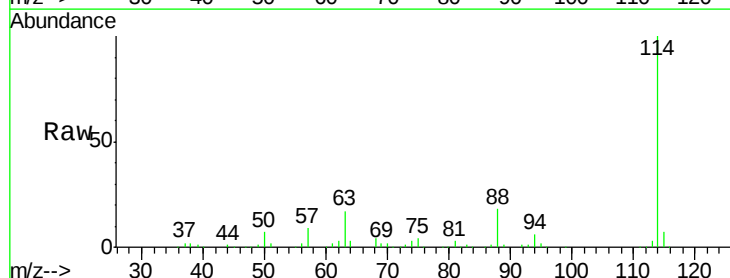
Tgt Ion: 114 Resp: 947382

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.0

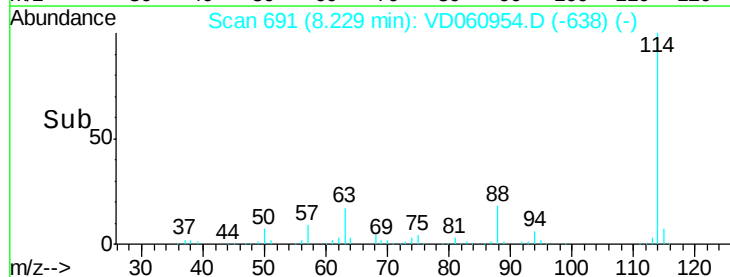
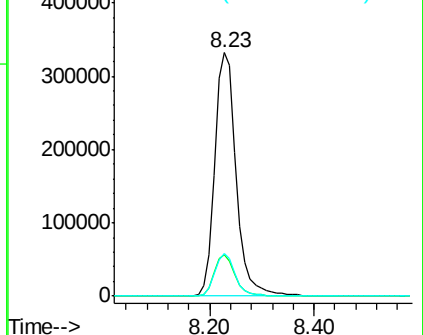
88 17.6 0.0 32.8

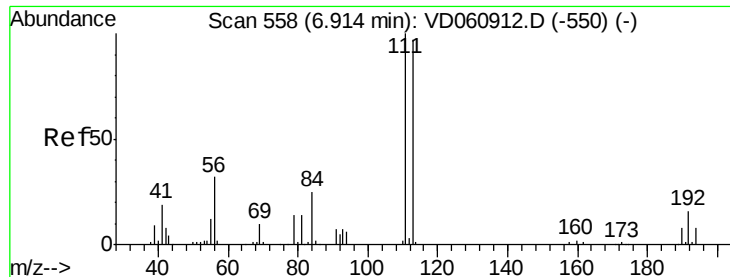


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

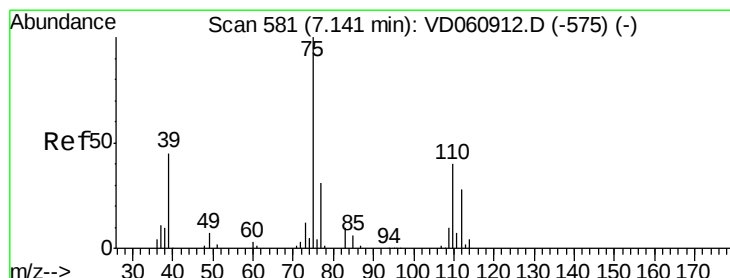
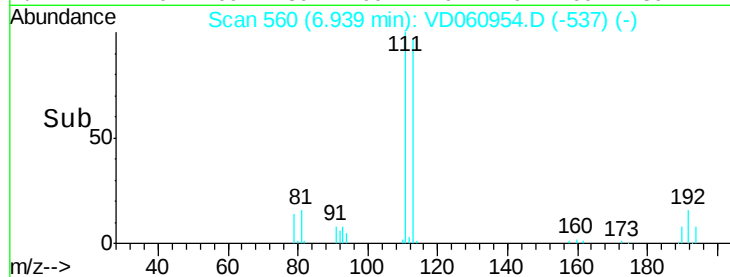
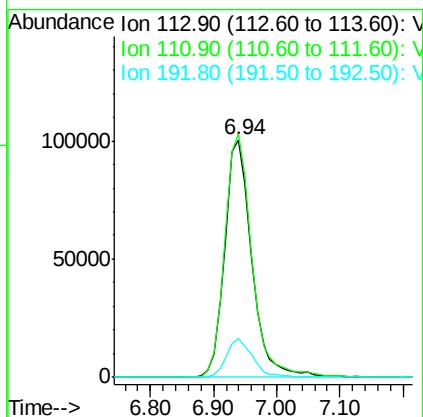
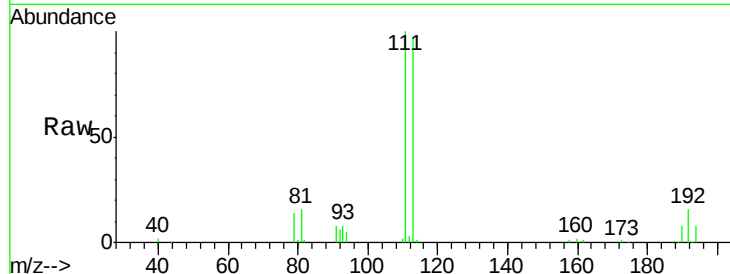




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD060954.D
 Acq: 5 Mar 2019 17:45

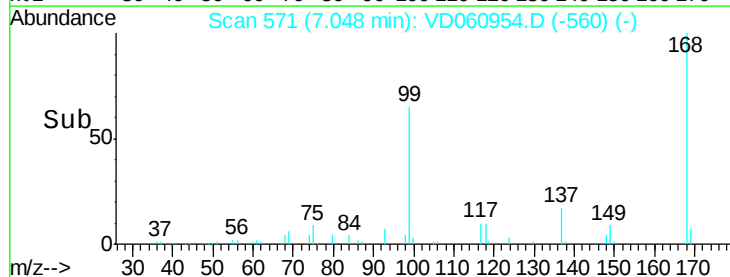
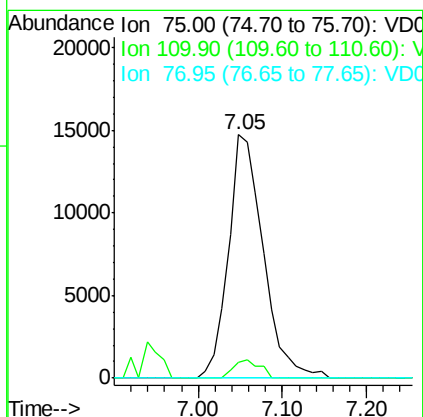
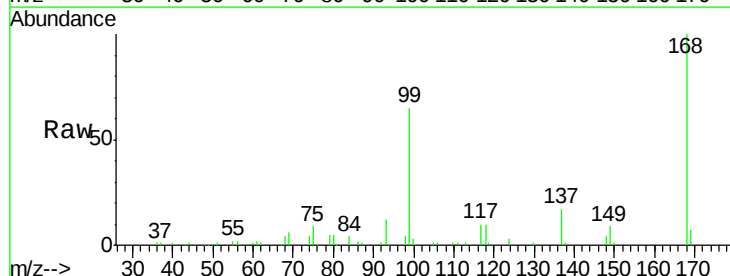
Instrument :
 MSVOA_D
 ClientSampled :
 SB-D-2-5

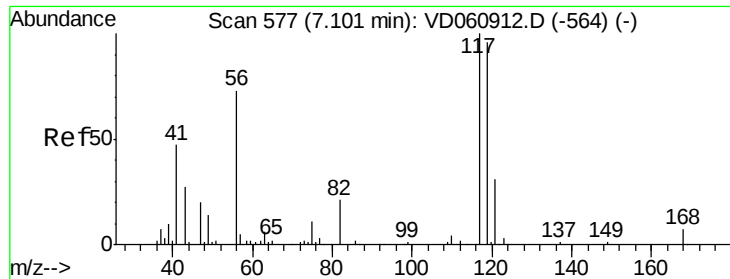
Tot Ion:113 Resp: 298745
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 124.0
 192 16.4 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 4.884 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.09 min
 Lab File: VD060954.D
 Acq: 5 Mar 2019 17:45

Tgt Ion: 75 Resp: 42544
 Ion Ratio Lower Upper
 75 100
 110 6.3 19.9 59.7#
 77 0.0 25.0 37.6#

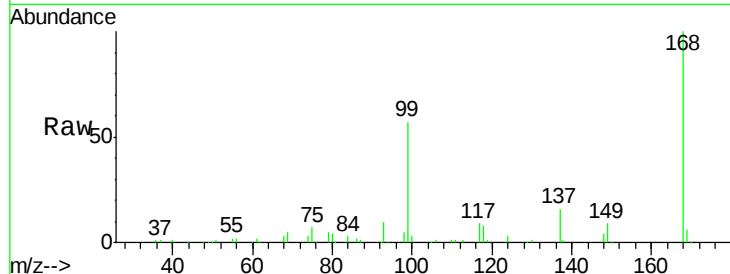




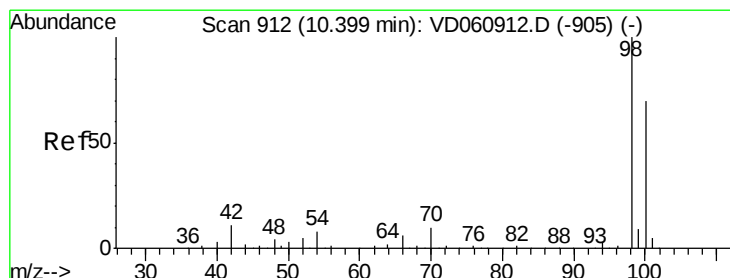
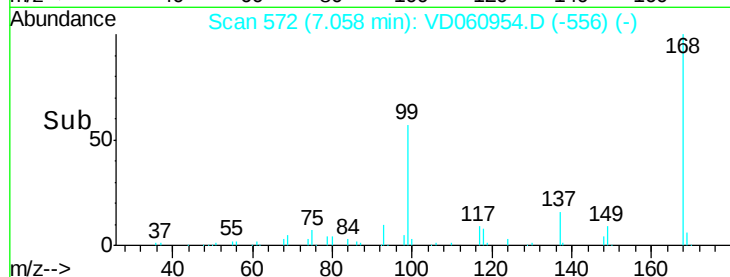
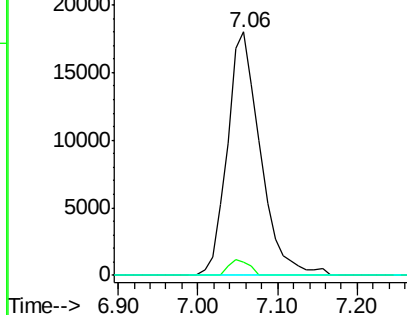
#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

Tot Ion:117 Resp: 52160
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 24.5 36.7#

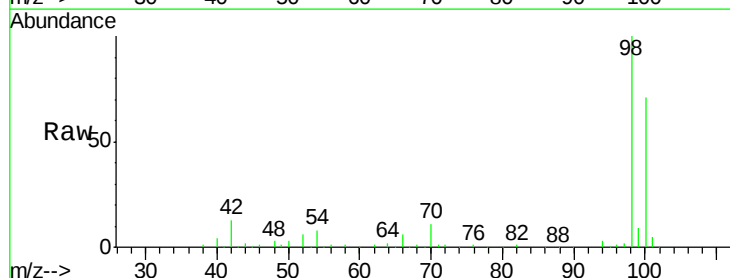


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

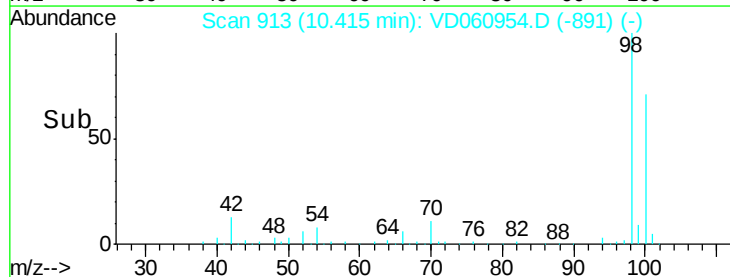
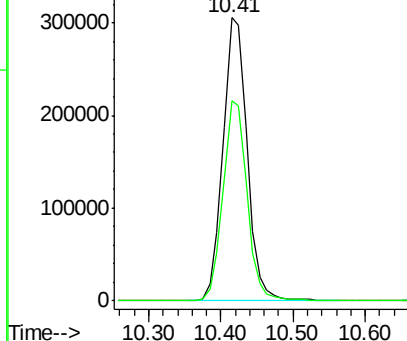


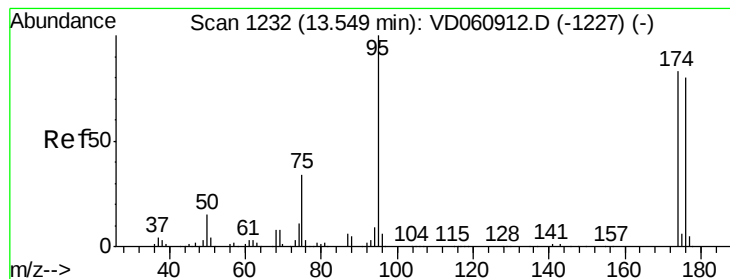
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

Tgt Ion: 98 Resp: 712121
Ion Ratio Lower Upper
98 100
100 70.8 57.0 85.4



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-D-2-5

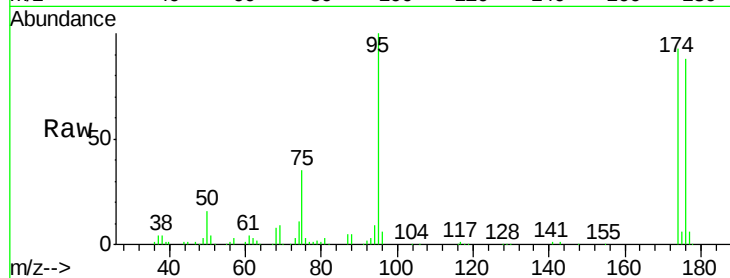
Tot Ion: 95 Resp: 287996

Ion Ratio Lower Upper

95 100

174 92.5 0.0 165.6

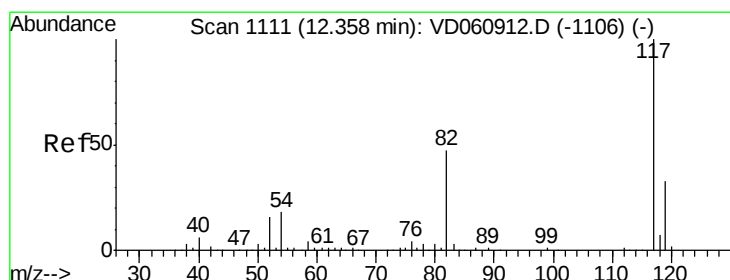
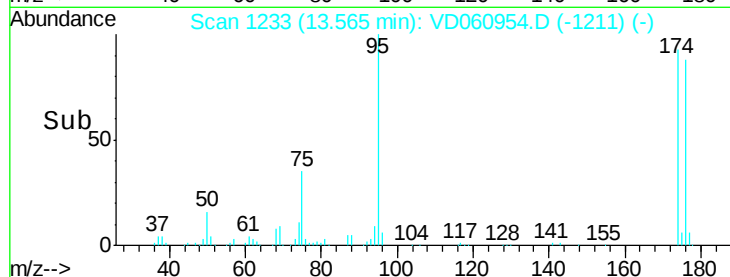
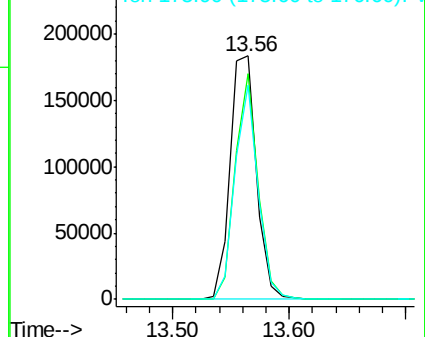
176 87.7 0.0 160.6



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. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

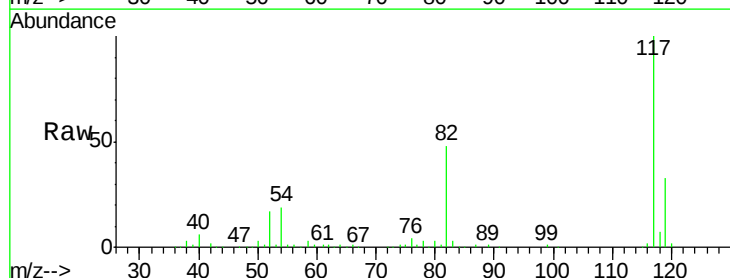
Tgt Ion: 117 Resp: 779679

Ion Ratio Lower Upper

117 100

82 48.1 37.5 56.3

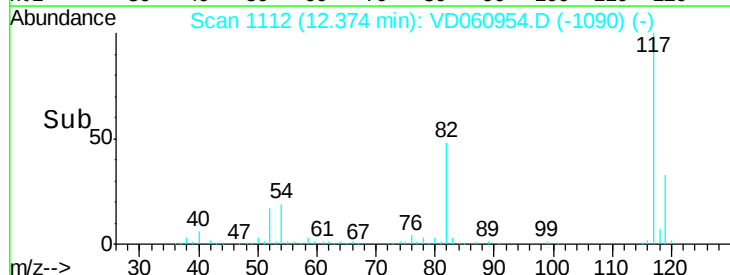
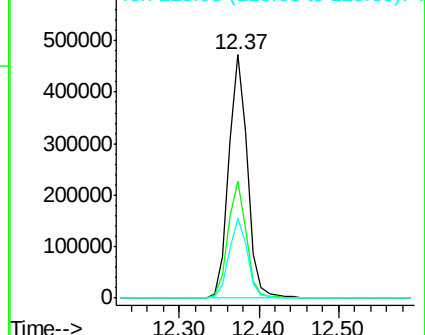
119 32.8 26.2 39.2

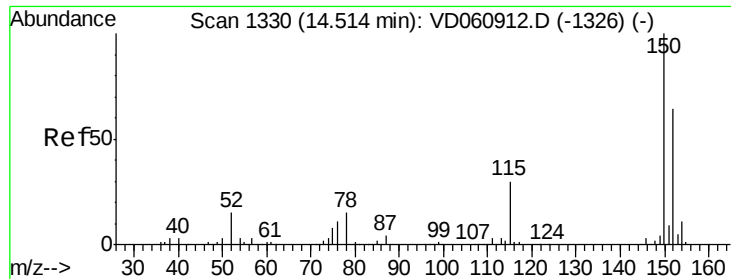


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-D-2-5

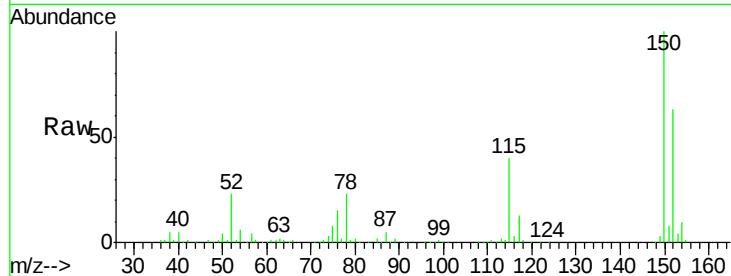
Tot Ion:152 Resp: 394714

Ion Ratio Lower Upper

152 100

115 63.6 27.6 82.8

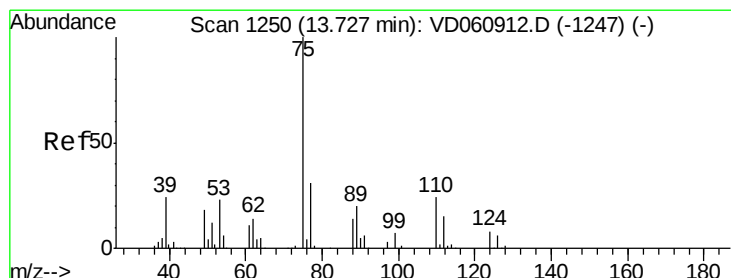
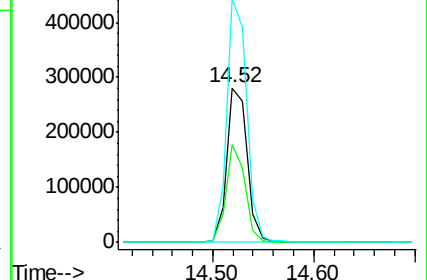
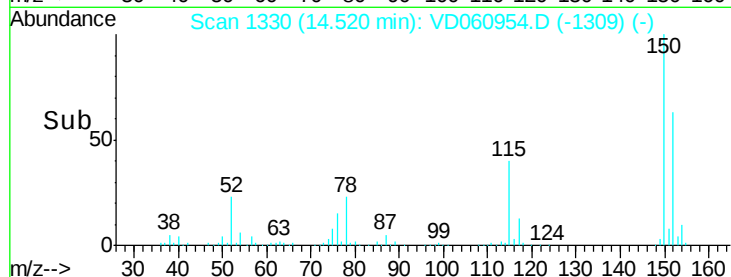
150 157.7 0.0 312.8



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: 14.599 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD060954.D

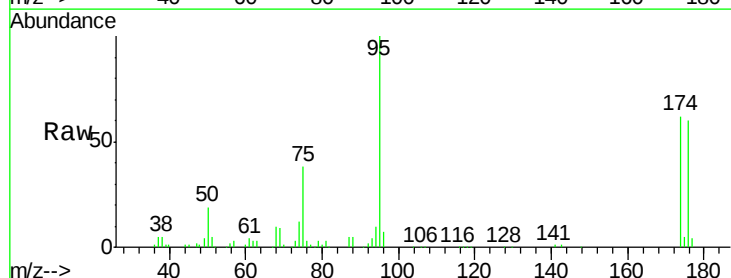
Acq: 5 Mar 2019 17:45

Tgt Ion: 75 Resp: 93367

Ion Ratio Lower Upper

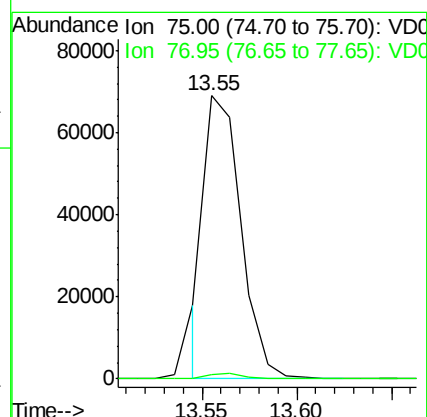
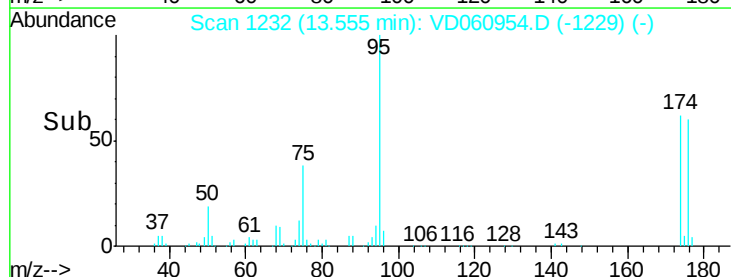
75 100

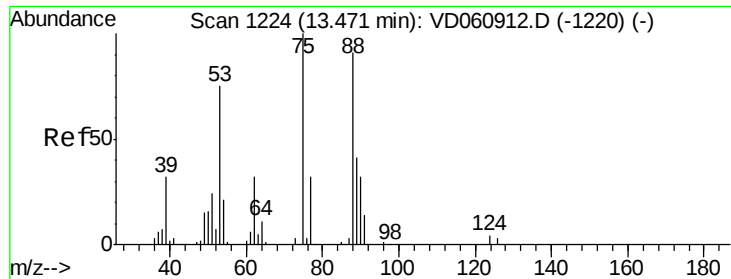
77 1.5 16.2 48.6#



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: 55.264 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-D-2-5

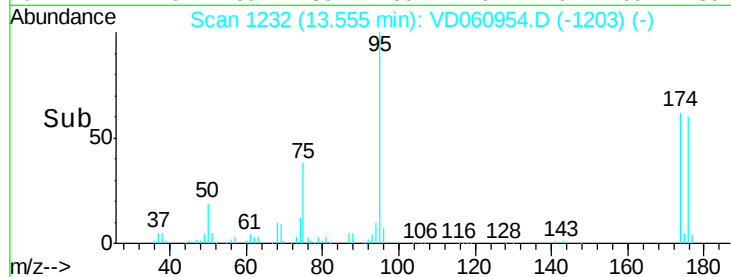
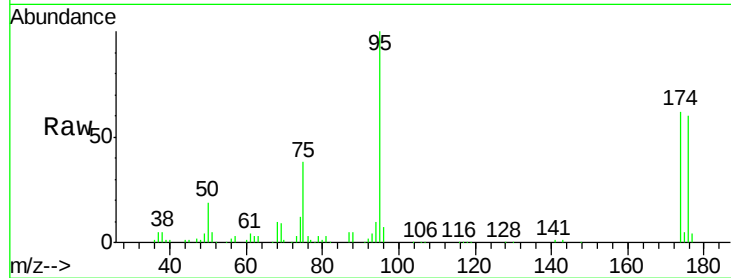
Tot Ion: 75 Resp: 104601

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.6#

89 0.0 33.0 49.6#



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

