

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062069.D
 Acq On : 29 Apr 2019 18:16
 Operator : FY/SY
 Sample : K2194-01
 Misc : 6.42µm/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 01:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

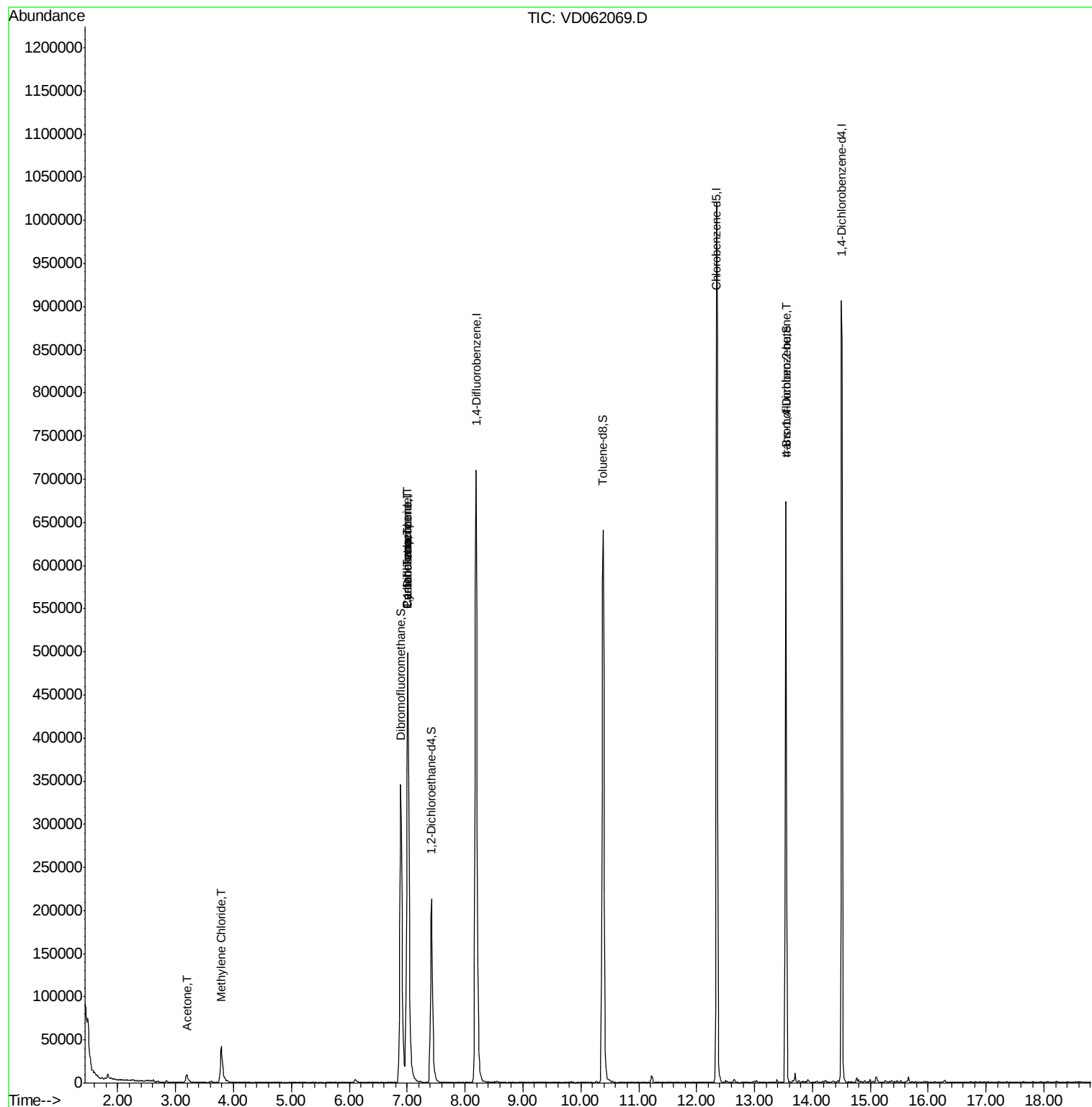
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	525924	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	822975	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.34	117	634064	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	232561	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	218957	53.19	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	6.89	113	318241	55.91	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.38	98	580968	42.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	13.54	95	233219	42.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.19	43	18161	18.478	ug/l #	86
18) Methyl Acetate	3.61	43	1941	Below Cal	#	53
20) Methylene Chloride	3.79	84	32044	3.747	ug/l	91
31) Cyclohexane	7.01	56	9125	1.488	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	39051	6.090	ug/l #	46
38) Carbon Tetrachloride	7.01	117	49791	6.128	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.54	75	88972	99.418	ug/l #	16

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 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: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

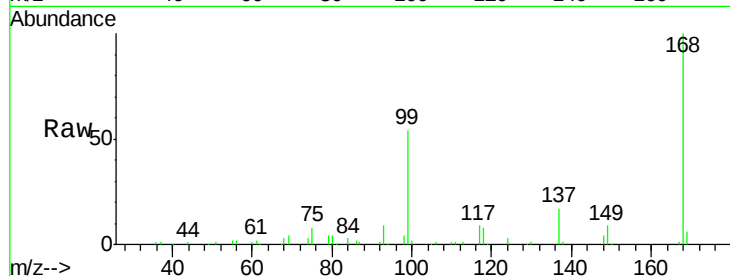
ClientSampleId :

Tot Ion:168 Resp: 525924

Ion Ratio Lower Upper

168 100

99 53.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

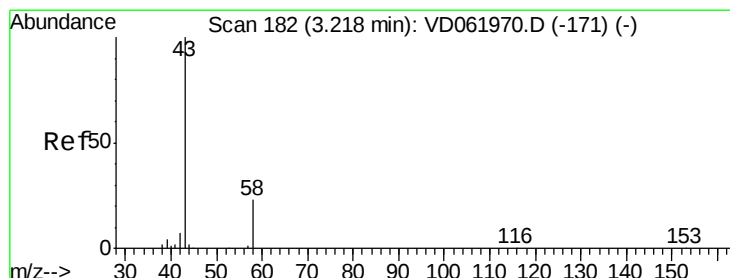
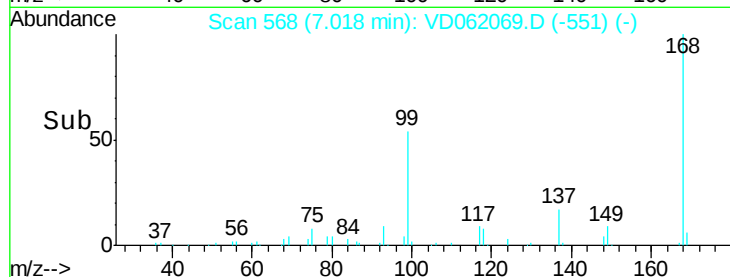
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.478 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.03 min

Lab File: VD062069.D

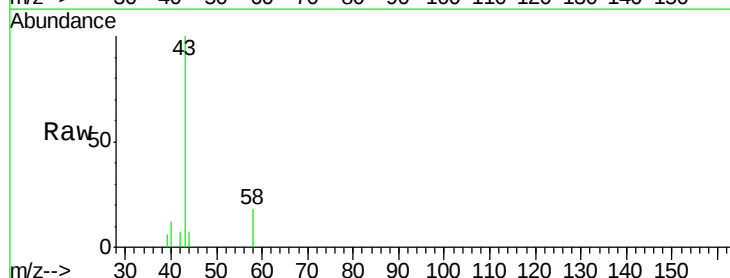
Acq: 29 Apr 2019 18:16

Tgt Ion: 43 Resp: 18161

Ion Ratio Lower Upper

43 100

58 17.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

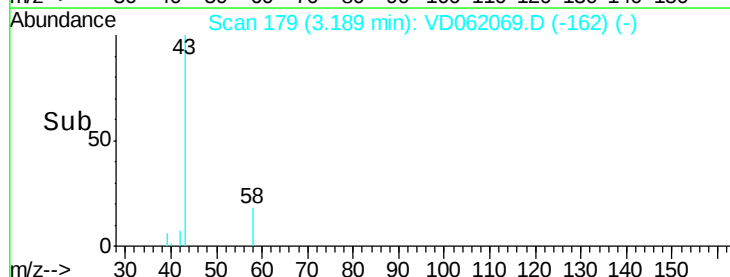
6000

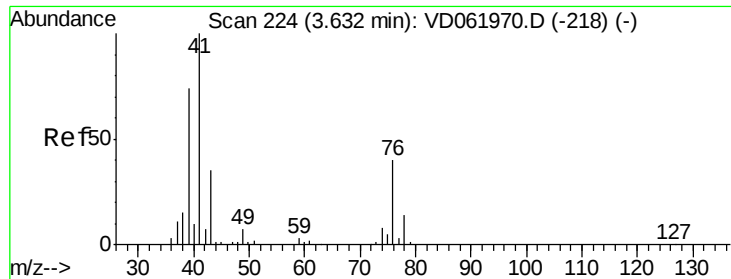
4000

2000

0

Time-->

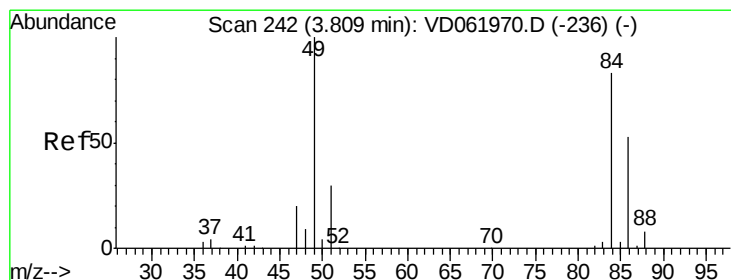
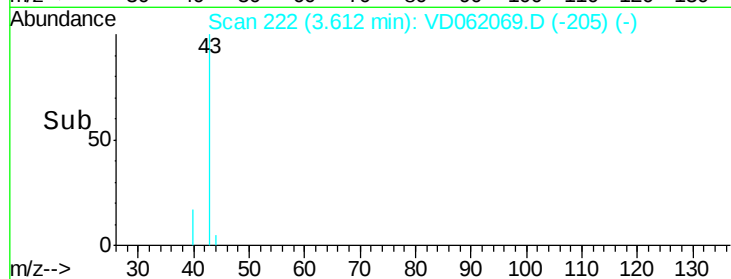
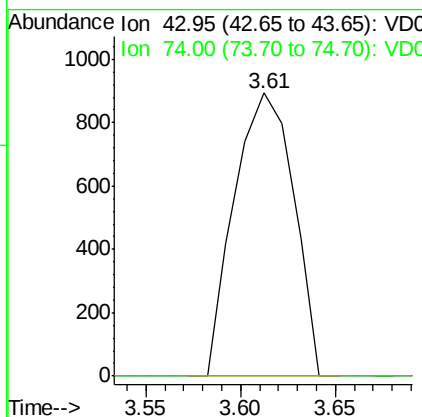
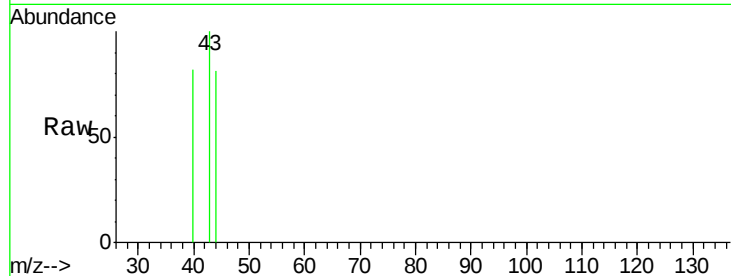




#18
Methyl Acetate
Concen: Below Cal
RT: 3.61 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

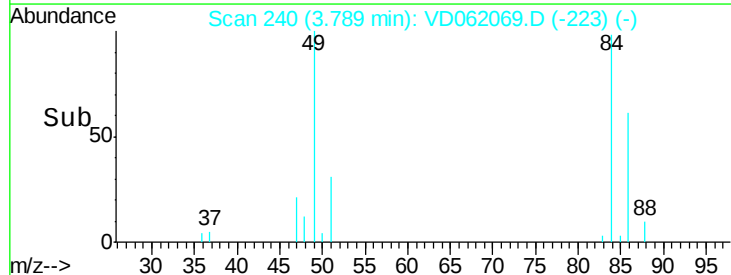
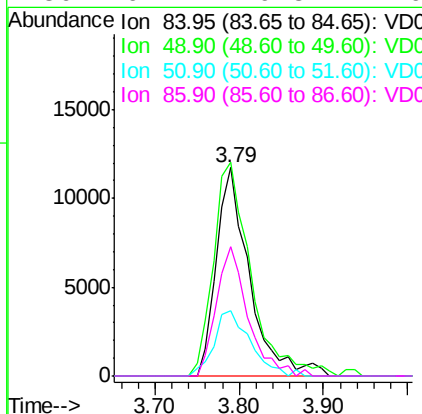
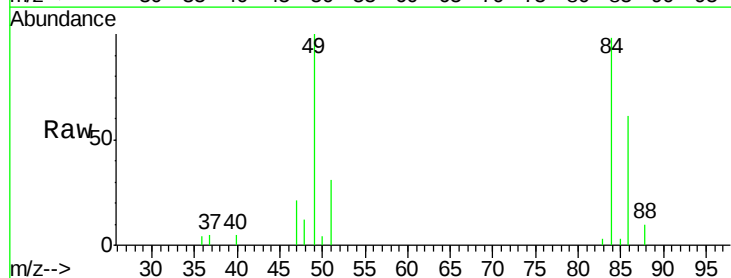
Instrument :
MSVOA_D
ClientSampleId :

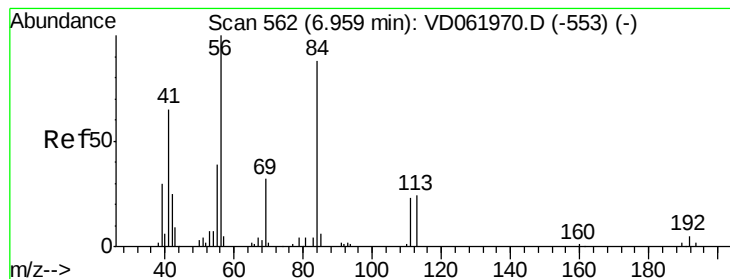
Tot Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: 3.747 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Tgt Ion: 84 Resp: 32044
Ion Ratio Lower Upper
84 100
49 102.6 94.0 141.0
51 31.4 29.0 43.4
86 62.1 49.8 74.6





#31

Cvclohexane

Concen: 1.488 ug/l

RT: 7.01 min Scan# 567

Delta R.T. 0.04 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :
MSVOA_D
ClientSampled :

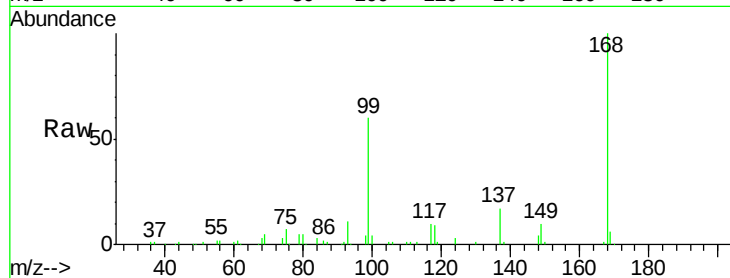
Tot Ion: 56 Resp: 9125

Ion Ratio Lower Upper

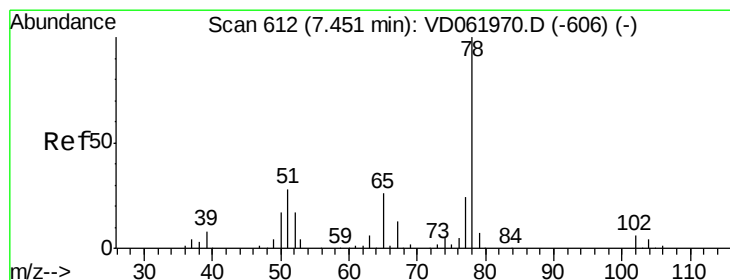
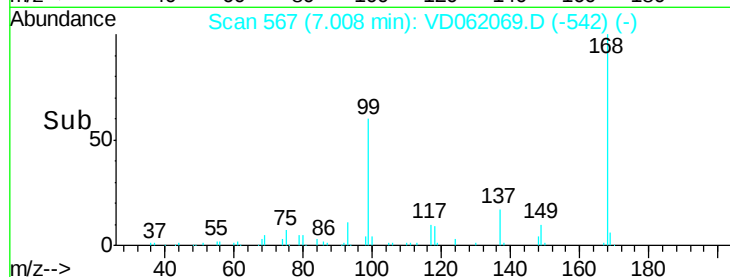
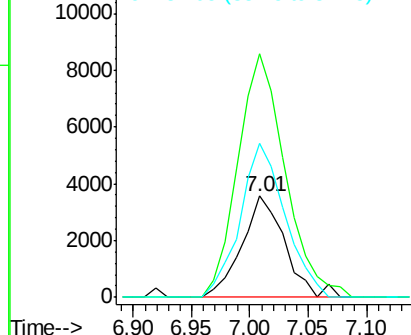
56 100

69 241.1 25.8 38.6#

84 152.7 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: 53.194 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062069.D

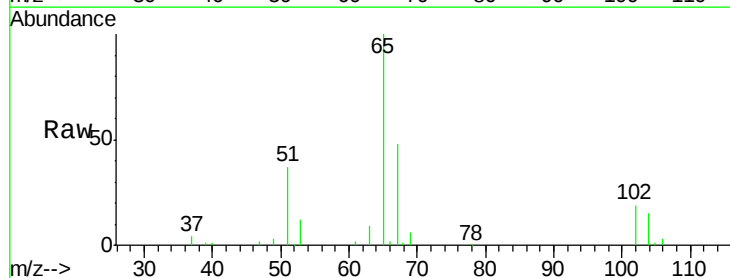
Acq: 29 Apr 2019 18:16

Tgt Ion: 65 Resp: 218957

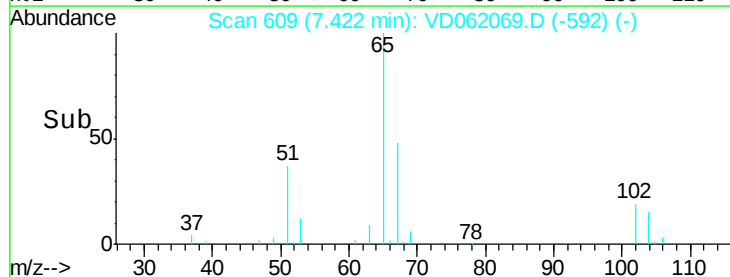
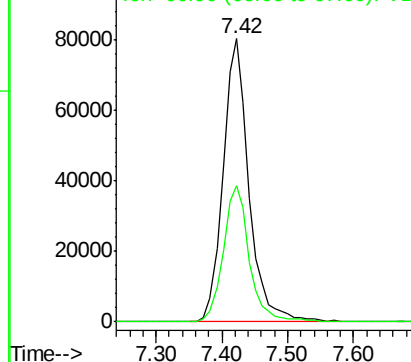
Ion Ratio Lower Upper

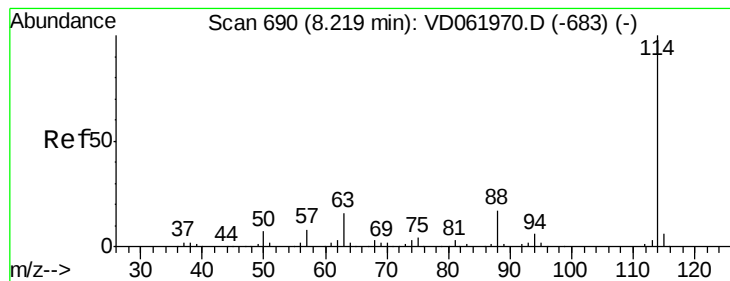
65 100

67 48.3 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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

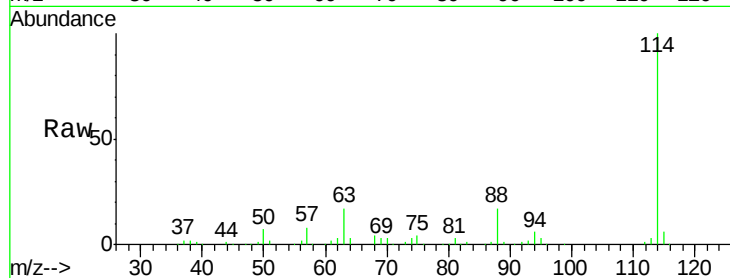
Tot Ion:114 Resp: 822975

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

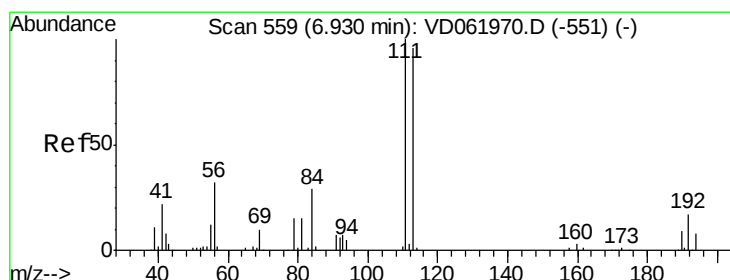
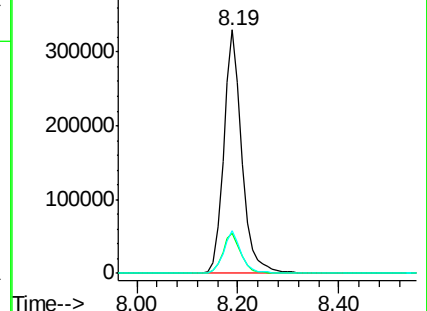
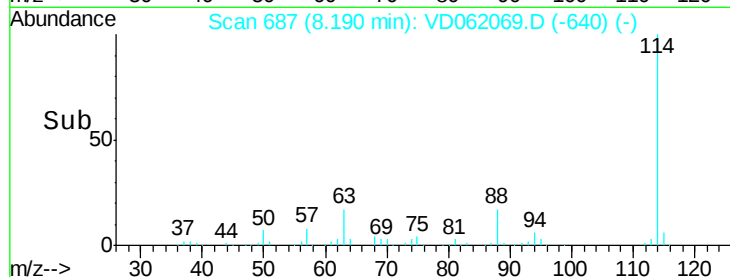
88 17.3 0.0 33.6



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: 55.914 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

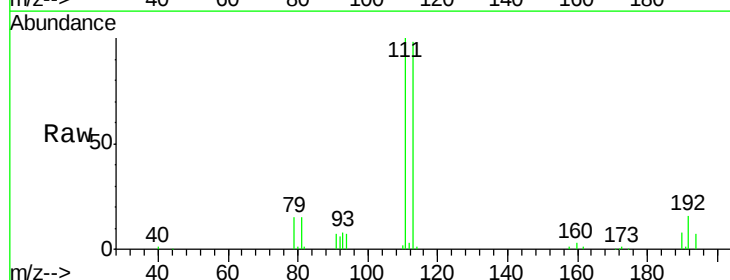
Tgt Ion:113 Resp: 318241

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

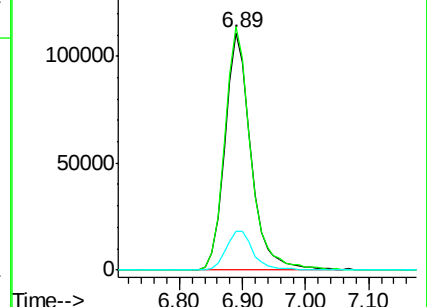
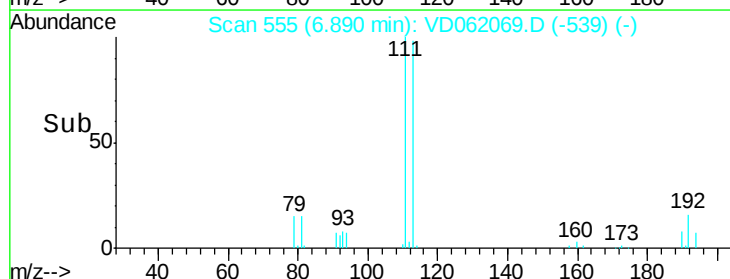
192 16.2 13.0 19.4

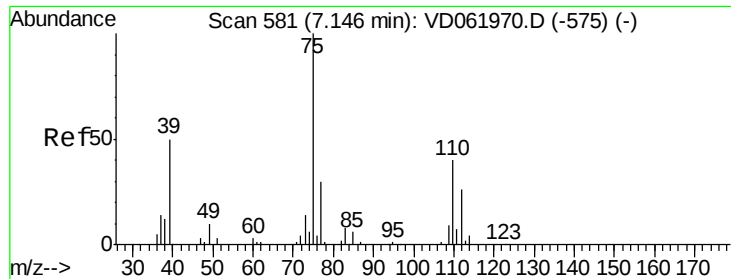


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.090 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.13 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

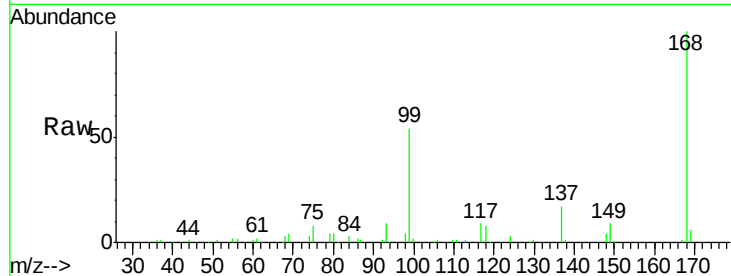
Tot Ion: 75 Resp: 39051

Ion Ratio Lower Upper

75 100

110 7.1 19.1 57.1#

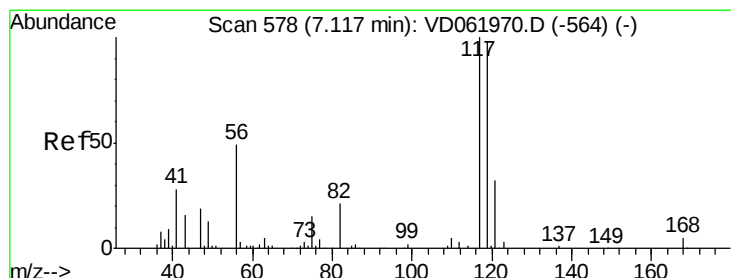
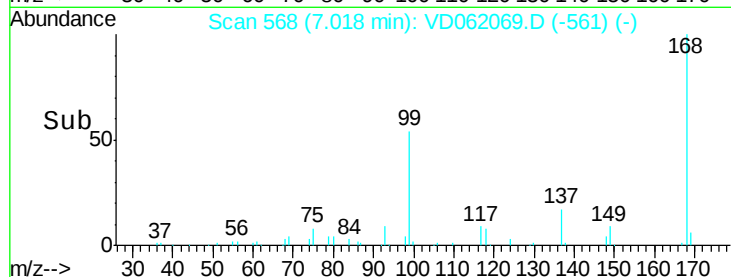
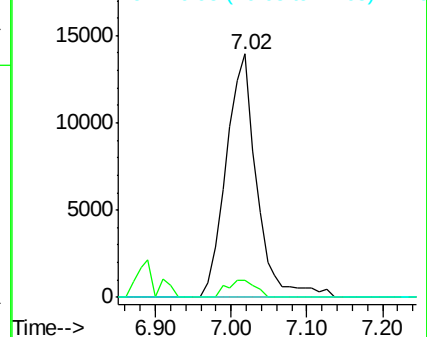
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 6.128 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.11 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

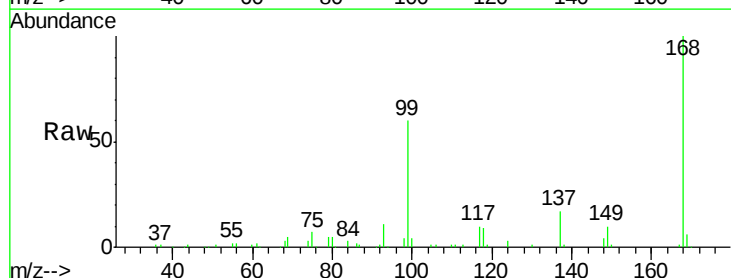
Tgt Ion: 117 Resp: 49791

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

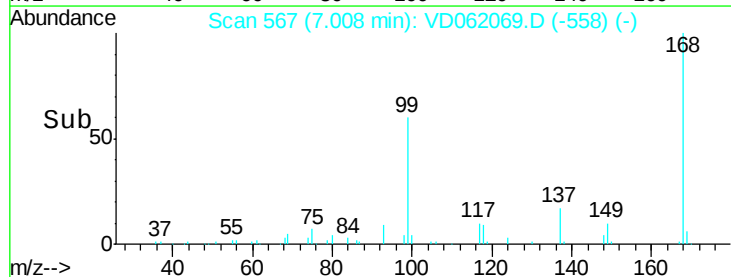
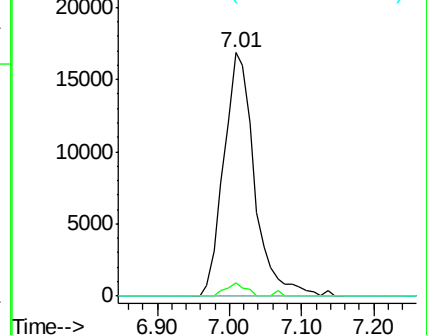
121 0.0 25.9 38.9#

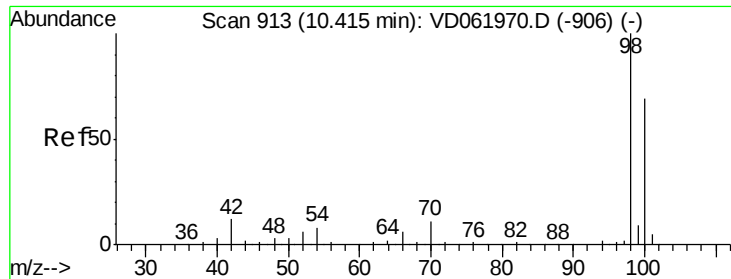


Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 118.85 (118.55 to 119.55): VDC

Ion 120.85 (120.55 to 121.55): VDC

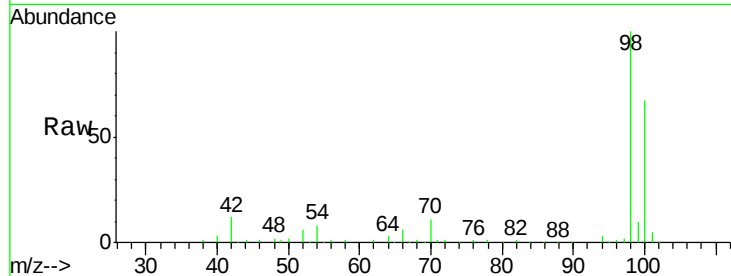




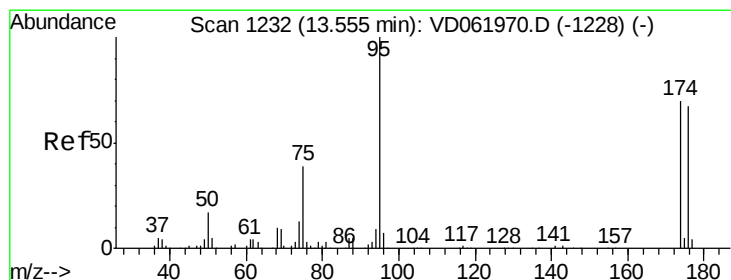
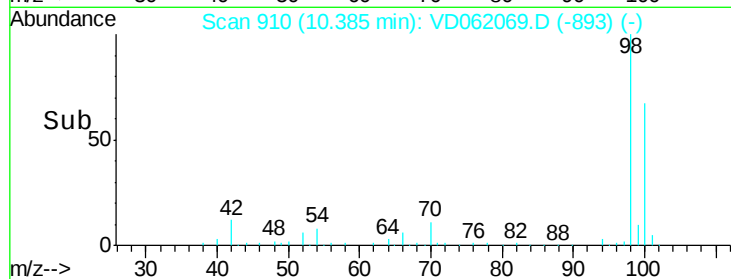
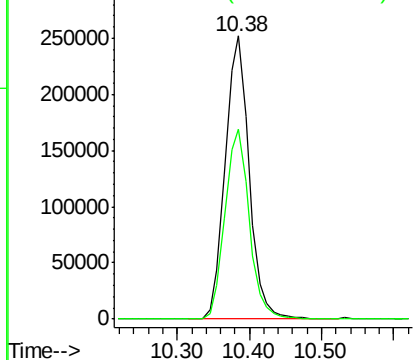
#50
Toluene-d8
Concen: 42.897 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 580968
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8

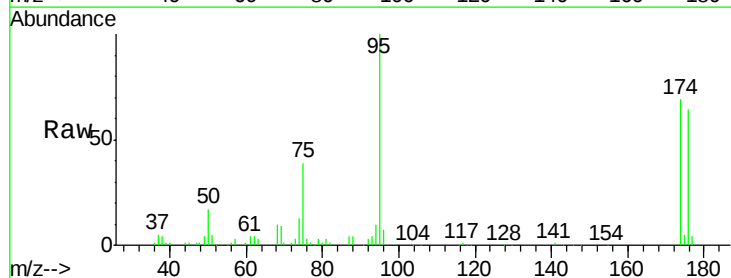


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

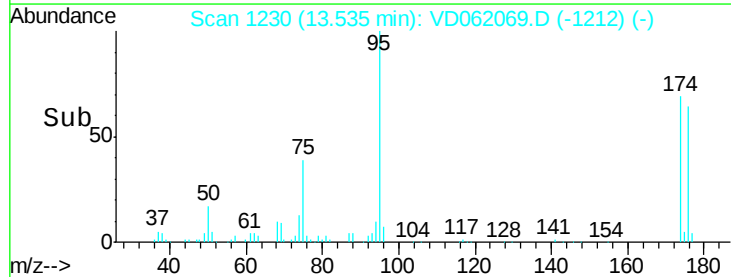
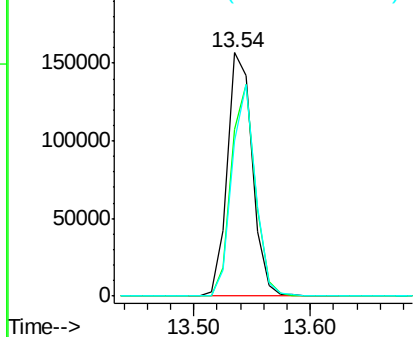


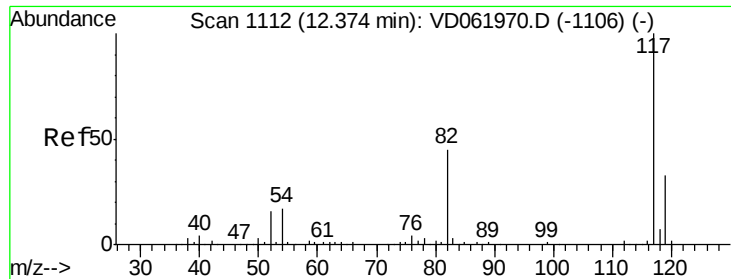
#62
4-Bromofluorobenzene
Concen: 42.933 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Tgt Ion: 95 Resp: 233219
Ion Ratio Lower Upper
95 100
174 68.6 0.0 181.8
176 63.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

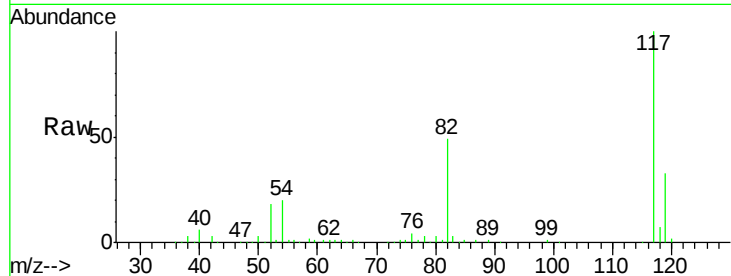




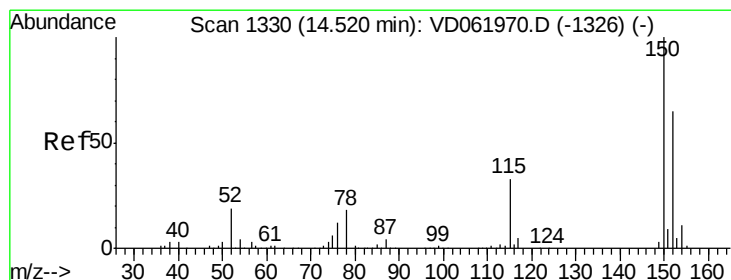
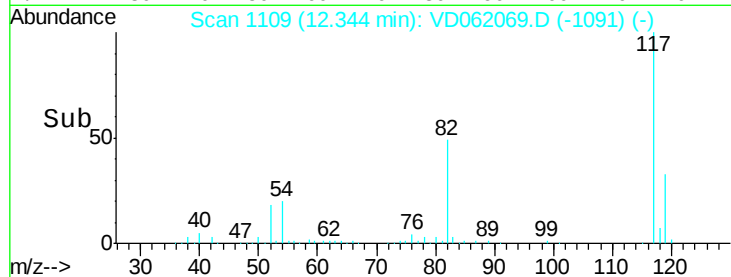
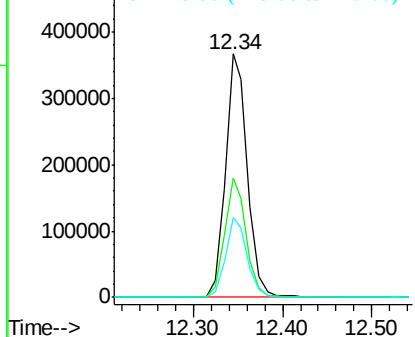
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.02 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 634064
Ion Ratio Lower Upper
117 100
82 49.1 36.2 54.2
119 32.5 26.2 39.4

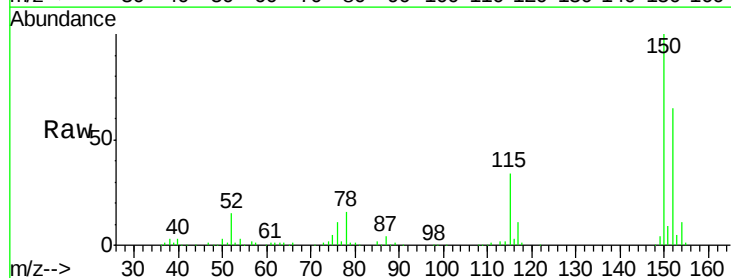


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

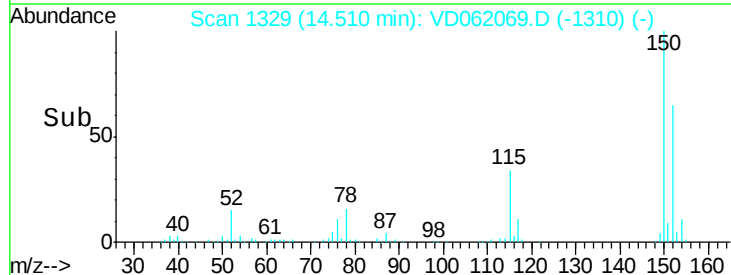
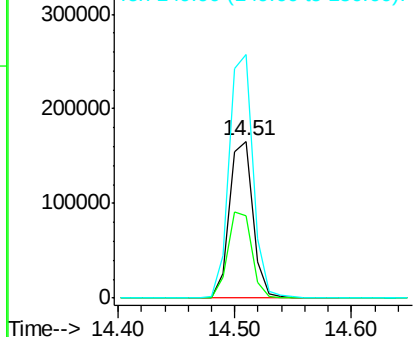


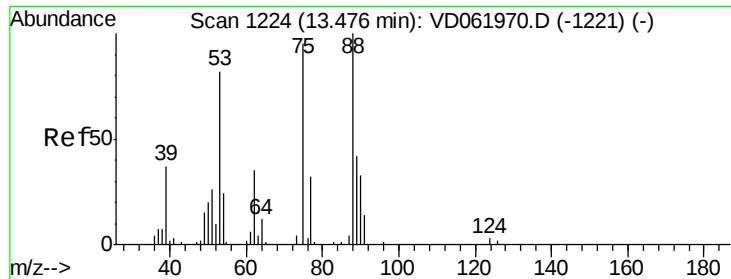
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062069.D
Acq: 29 Apr 2019 18:16

Tgt Ion:152 Resp: 232561
Ion Ratio Lower Upper
152 100
115 52.3 30.9 92.7
150 154.9 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: 99.418 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. 0.05 min

Lab File: VD062069.D

Acq: 29 Apr 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 88972

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

