

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062071.D
 Acq On : 29 Apr 2019 19:13
 Operator : FY/SY
 Sample : K2194-05
 Misc : 6.23qm/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 01:12:10 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

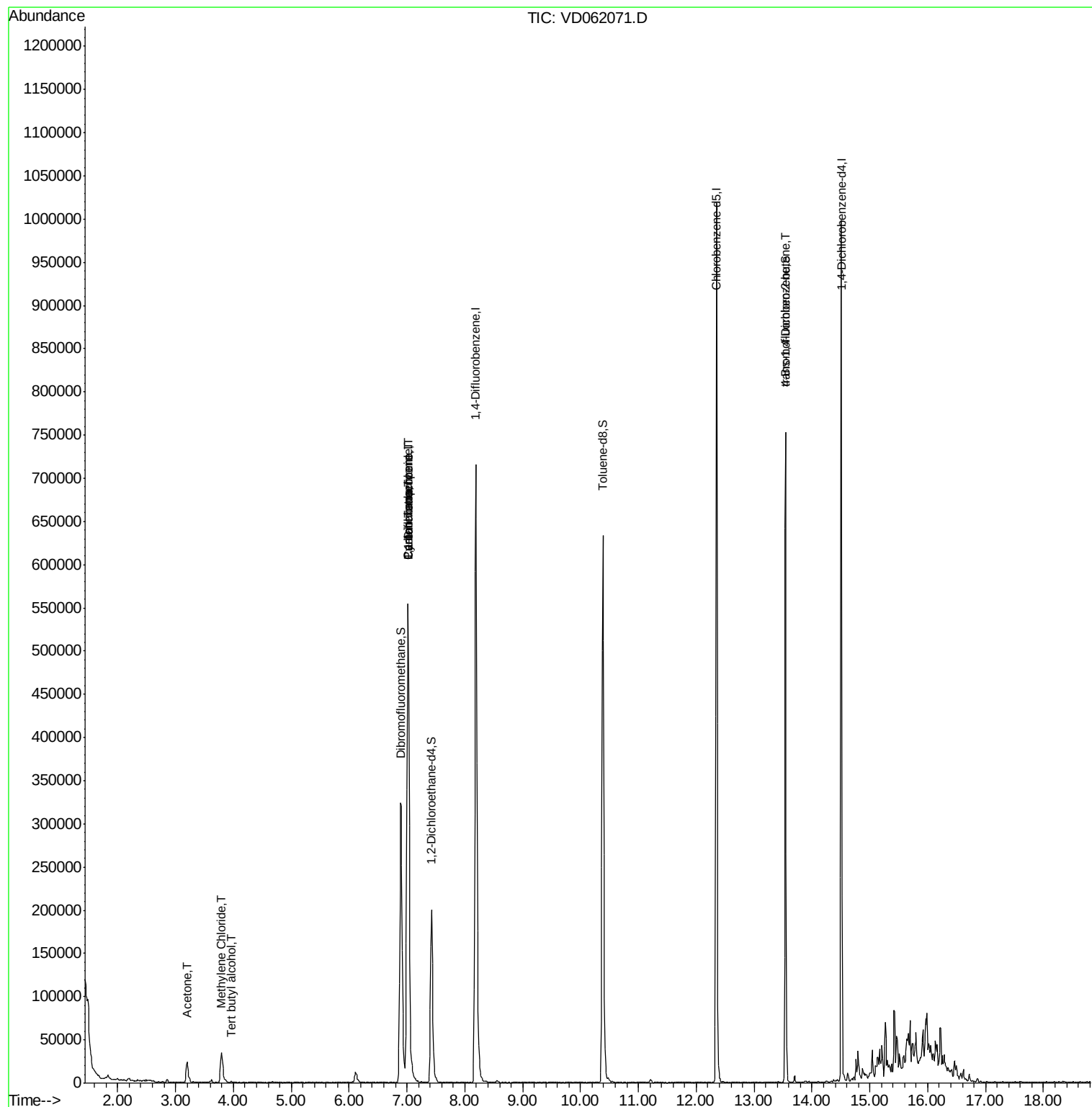
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	569068	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	885353	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	660715	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	263234	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	222042	49.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	6.90	113	313916	51.27	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.39	98	555191	38.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	13.55	95	241236	41.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.97	59	428	1.701	ug/l #	76
16) Acetone	3.20	43	47048	44.241	ug/l	98
20) Methylene Chloride	3.79	84	27647	2.298	ug/l	96
31) Cyclohexane	7.02	56	9723	1.466	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	42360	6.141	ug/l #	45
38) Carbon Tetrachloride	7.02	117	55542	6.354	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	93900	92.699	ug/l #	16

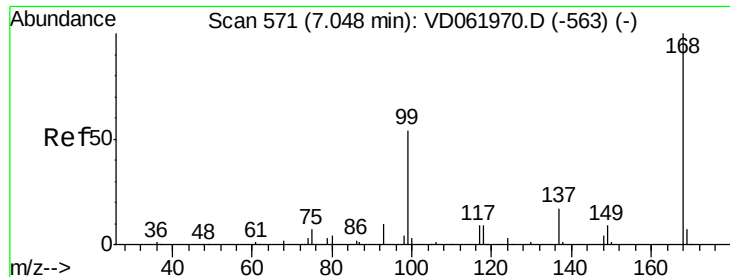
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042919\
Data File : VD062071.D
Acq On : 29 Apr 2019 19:13
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Misc : 6.23qm/5mL/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 30 01:12:10 2019
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: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

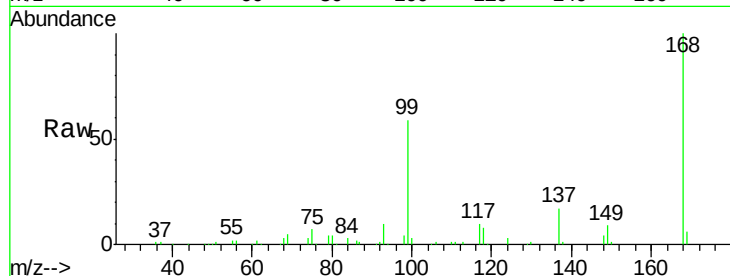
ClientSampled :

Tot Ion:168 Resp: 569068

Ion Ratio Lower Upper

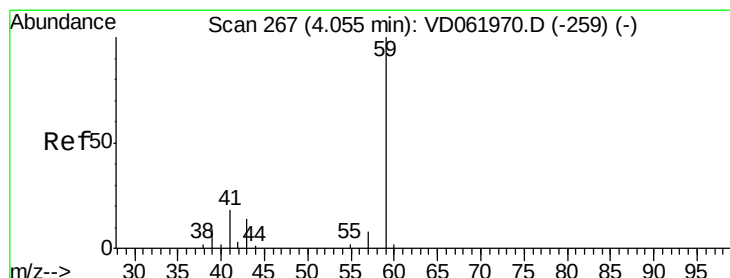
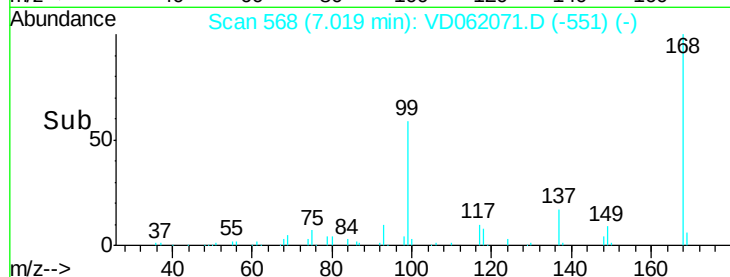
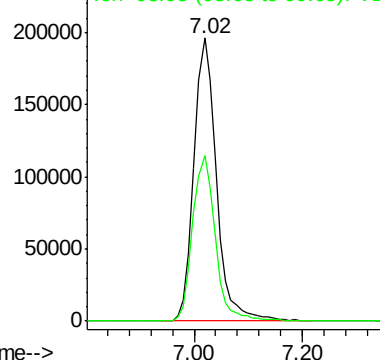
168 100

99 58.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.701 ug/l

RT: 3.97 min Scan# 258

Delta R.T. -0.09 min

Lab File: VD062071.D

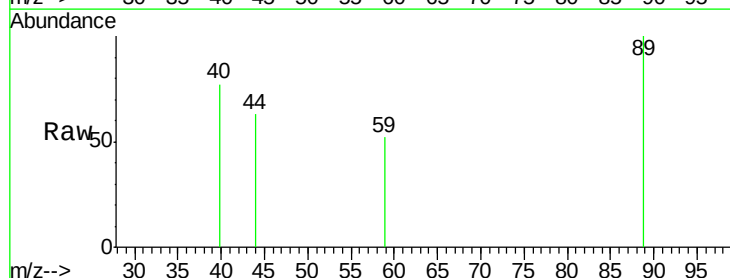
Acq: 29 Apr 2019 19:13

Tgt Ion: 59 Resp: 428

Ion Ratio Lower Upper

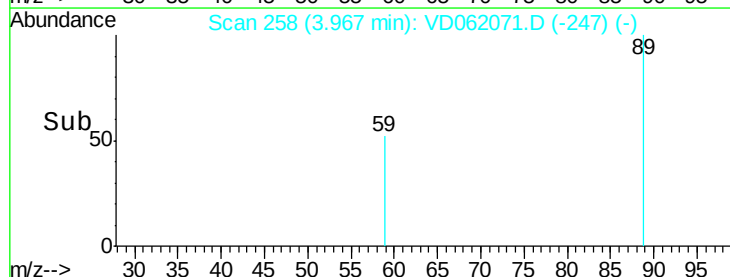
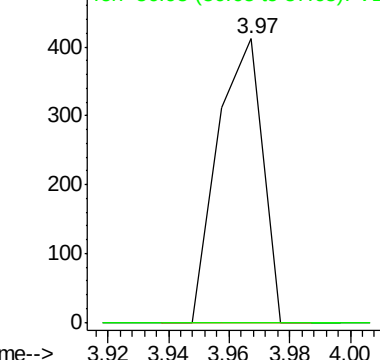
59 100

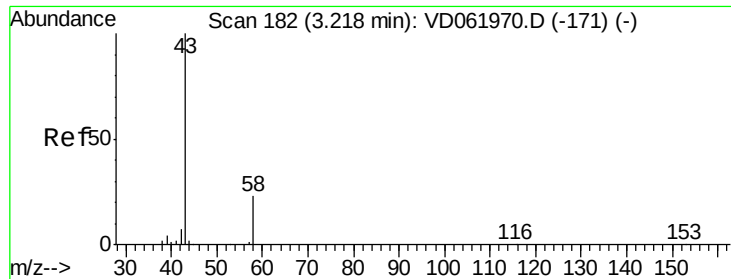
57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 44.241 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

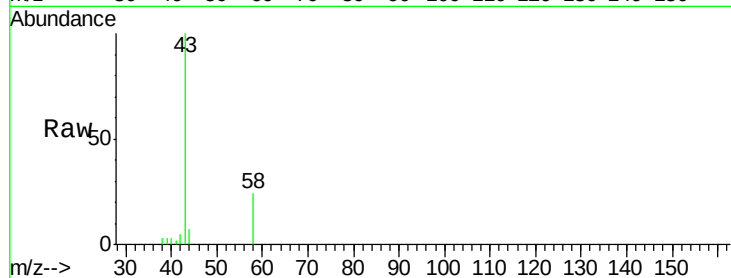
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 47048

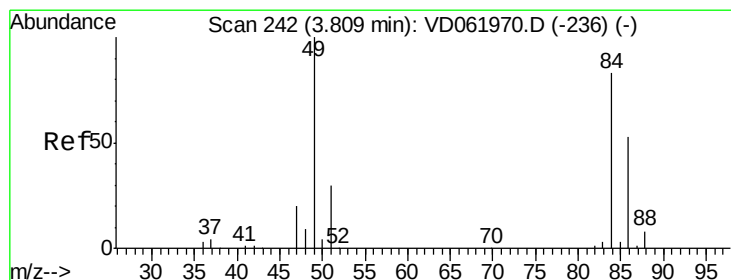
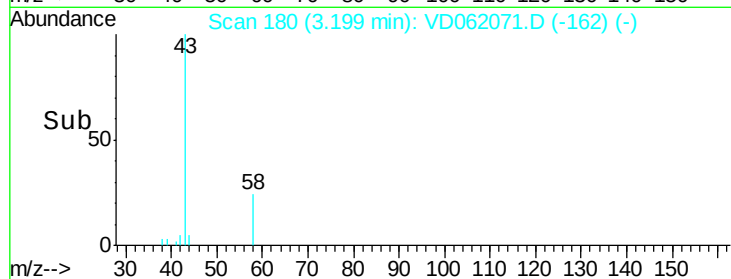
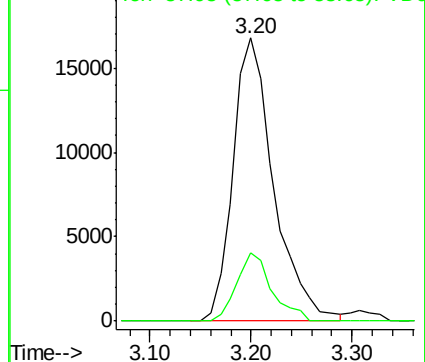
Ion Ratio Lower Upper

43 100

58 24.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 2.298 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Tgt Ion: 84 Resp: 27647

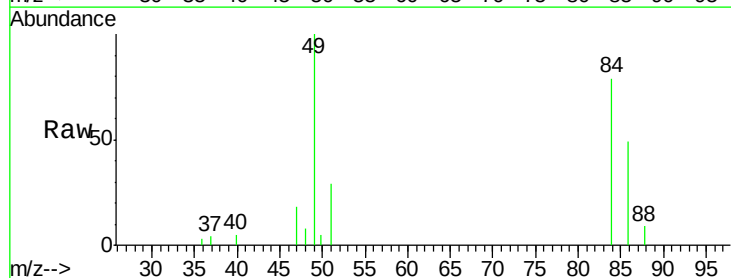
Ion Ratio Lower Upper

84 100

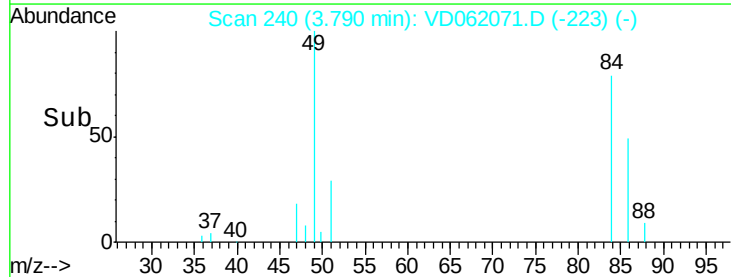
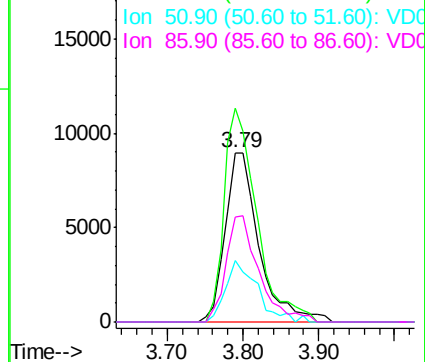
49 126.1 94.0 141.0

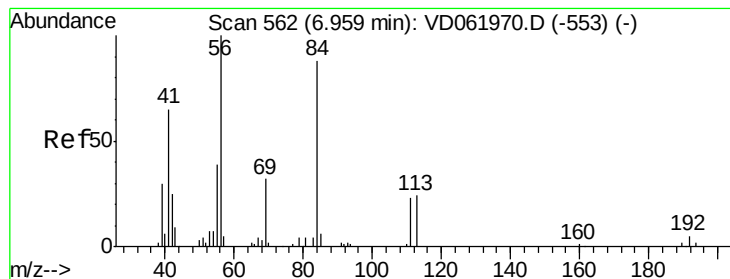
51 36.3 29.0 43.4

86 61.8 49.8 74.6



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





#31

Cyclohexane

Concen: 1.466 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.06 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :
MSVOA_D
ClientSampleId :

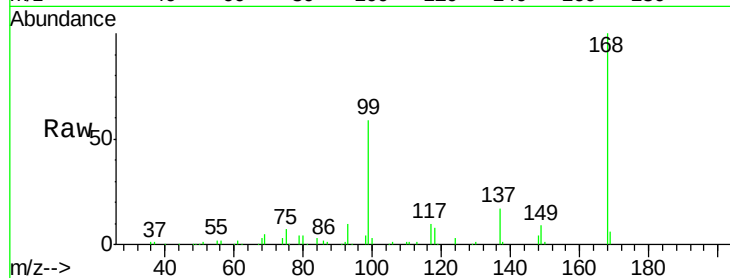
Tot Ion: 56 Resp: 9723

Ion Ratio Lower Upper

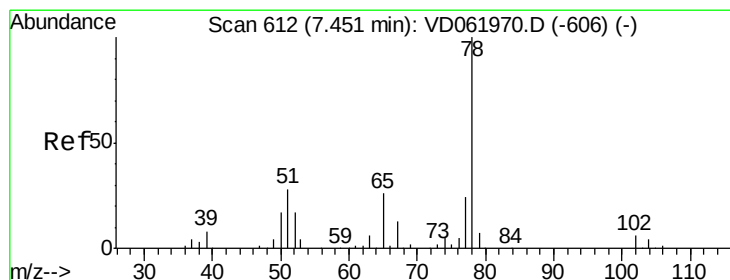
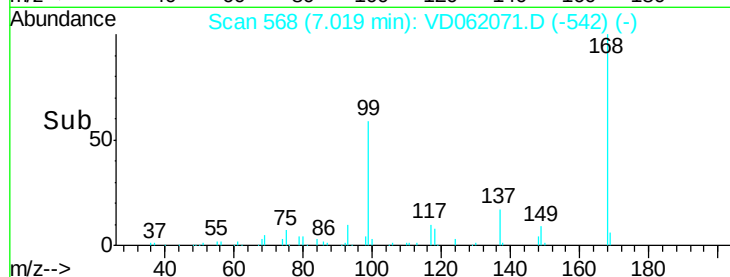
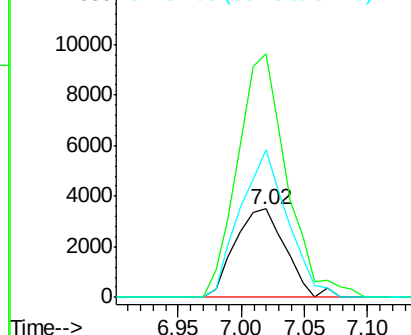
56 100

69 275.6 25.8 38.6#

84 167.0 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: 49.854 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062071.D

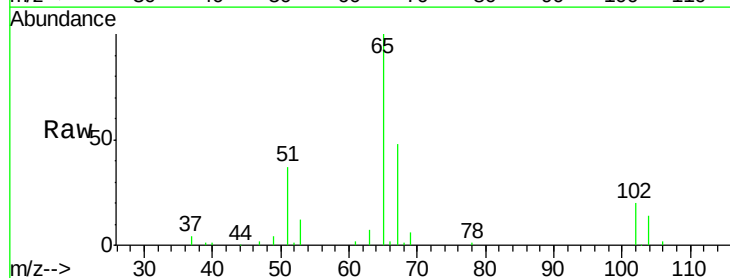
Acq: 29 Apr 2019 19:13

Tgt Ion: 65 Resp: 222042

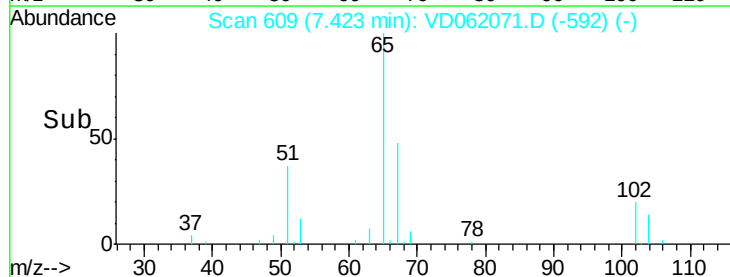
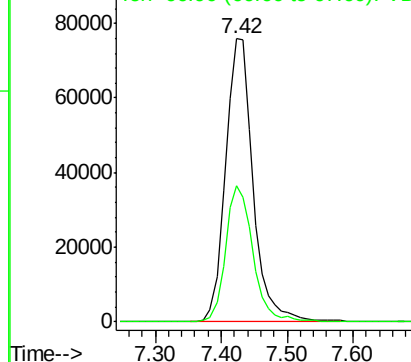
Ion Ratio Lower Upper

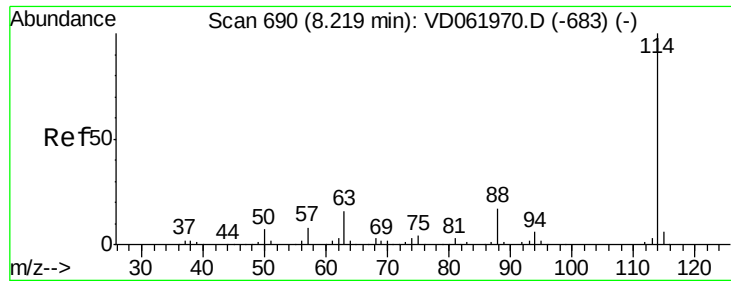
65 100

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

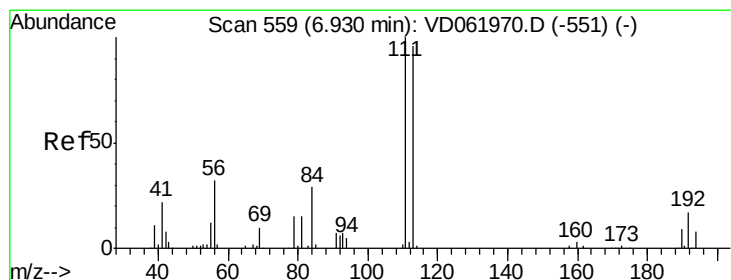
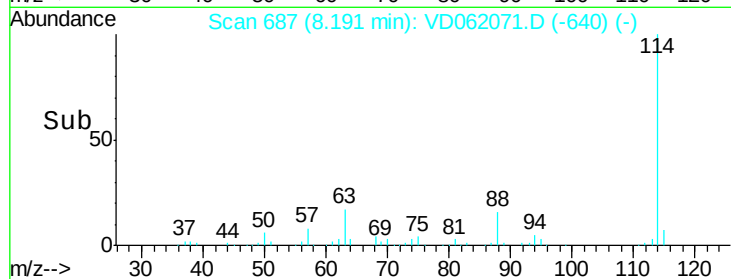
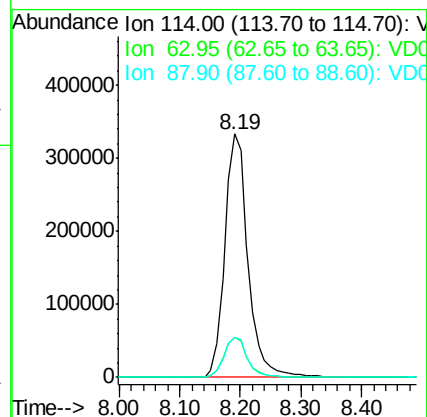
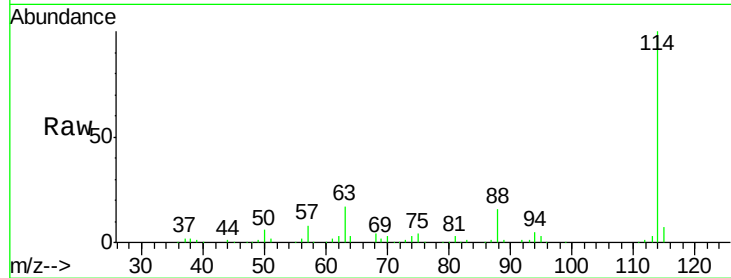




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

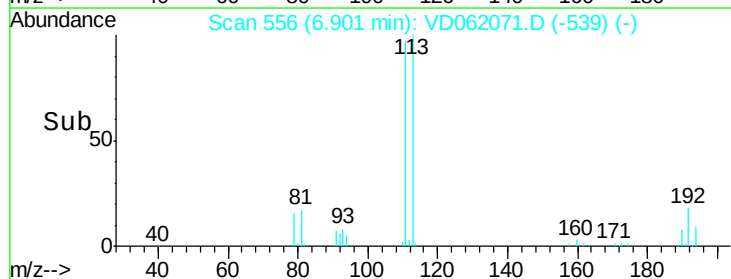
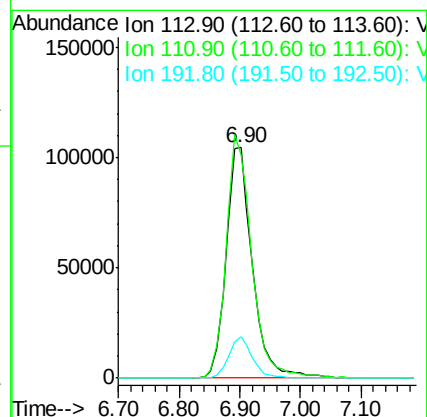
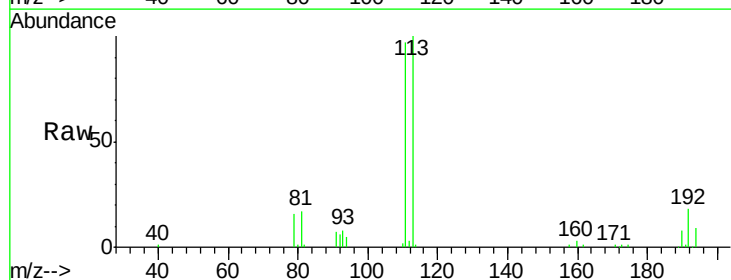
Instrument :
 MSVOA_D
 ClientSampleId :

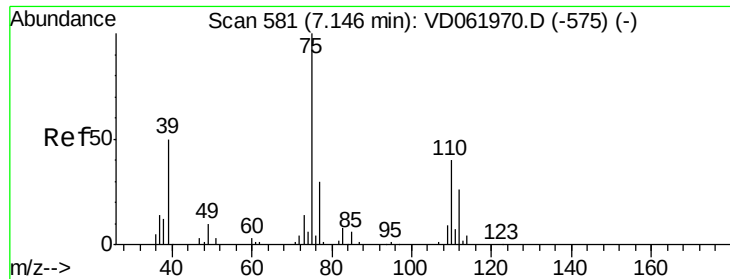
Tot Ion:114 Resp: 885353
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 16.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.268 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

Tgt Ion:113 Resp: 313916
 Ion Ratio Lower Upper
 113 100
 111 96.6 78.5 117.7
 192 17.8 13.0 19.4

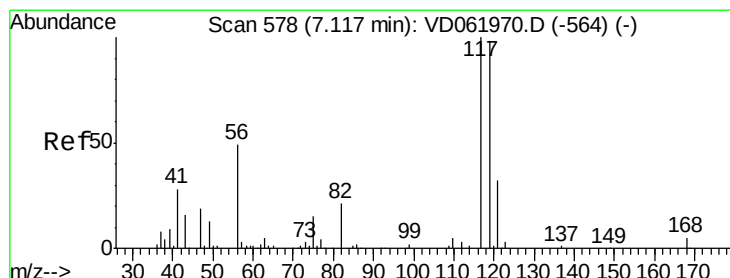
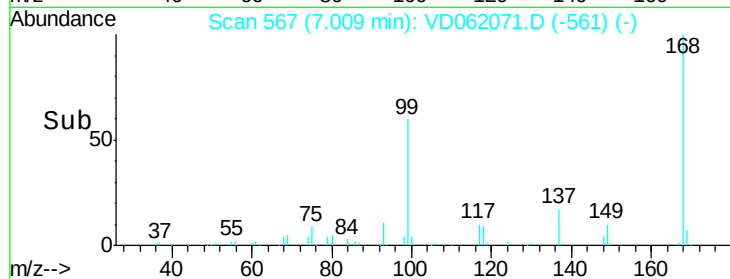
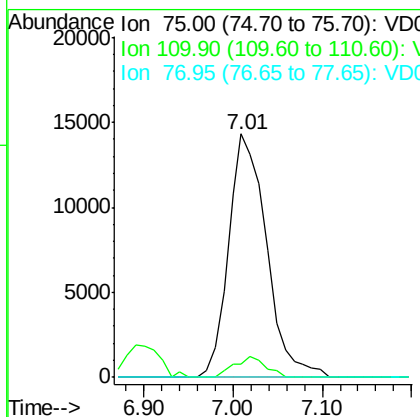
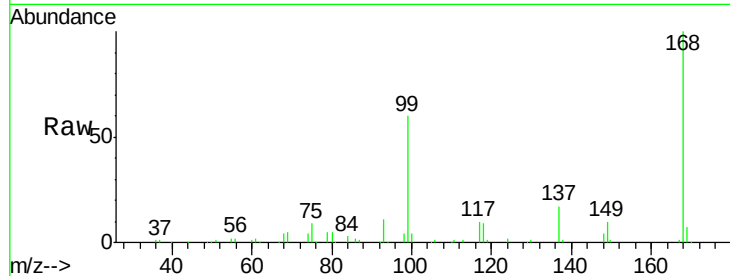




#36
 1,1-Dichloropropene
 Concen: 6.141 ug/l
 RT: 7.01 min Scan# 567
 Delta R.T. -0.14 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

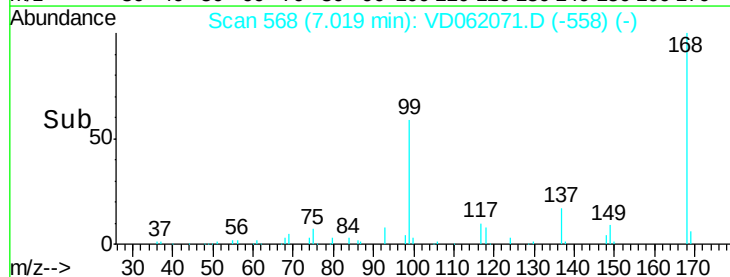
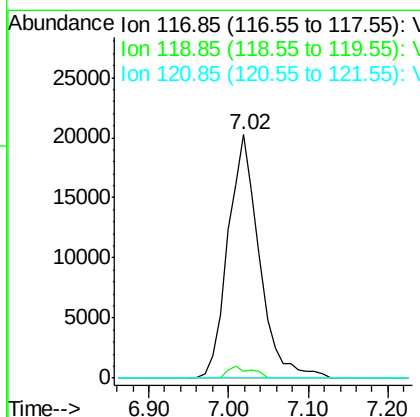
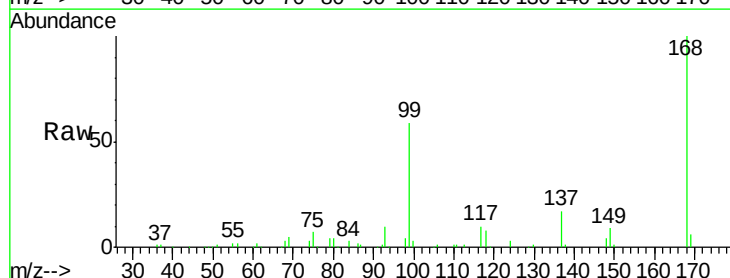
Instrument :
 MSVOA_D
 ClientSampleId :

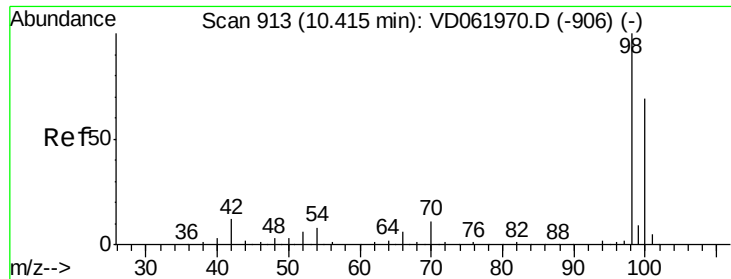
Tot Ion	75	Resp	42360
Ion Ratio	100	Lower	Upper
75	100		
110	5.6	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.354 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.10 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

Tgt Ion	117	Resp	55542
Ion Ratio	100	Lower	Upper
117	100		
119	2.9	75.8	113.8#
121	0.0	25.9	38.9#

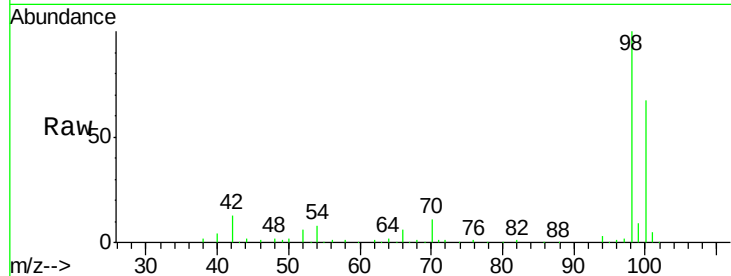




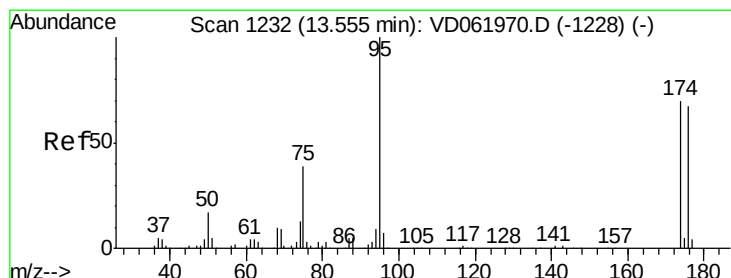
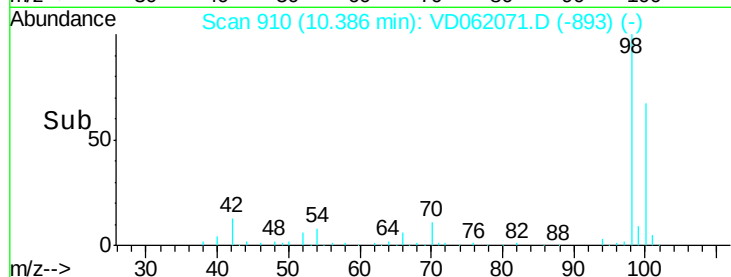
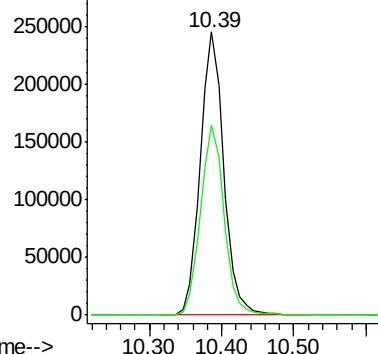
#50
Toluene-d8
Concen: 38.106 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062071.D
Acq: 29 Apr 2019 19:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 555191
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.8

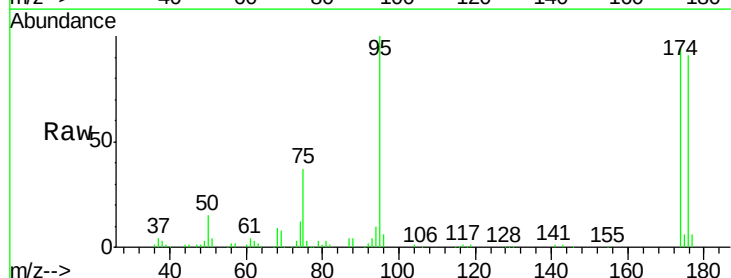


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

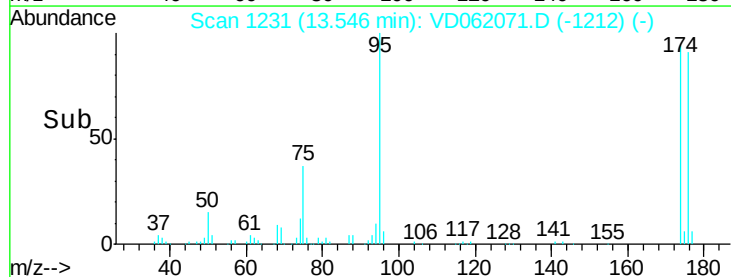
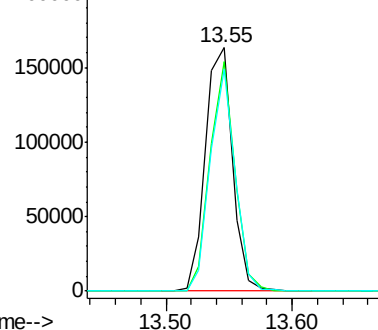


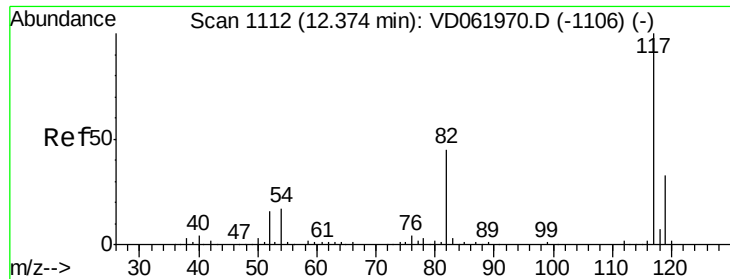
#62
4-Bromofluorobenzene
Concen: 41.280 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062071.D
Acq: 29 Apr 2019 19:13

Tgt Ion: 95 Resp: 241236
Ion Ratio Lower Upper
95 100
174 94.3 0.0 181.8
176 91.0 0.0 174.4



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

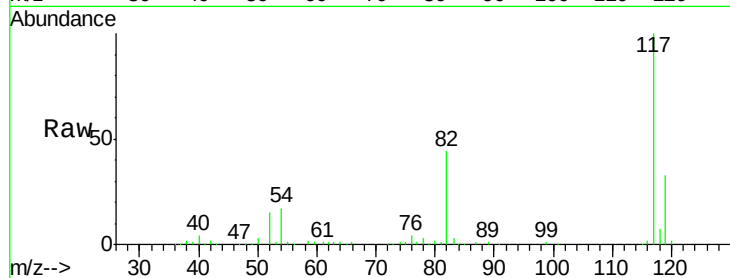




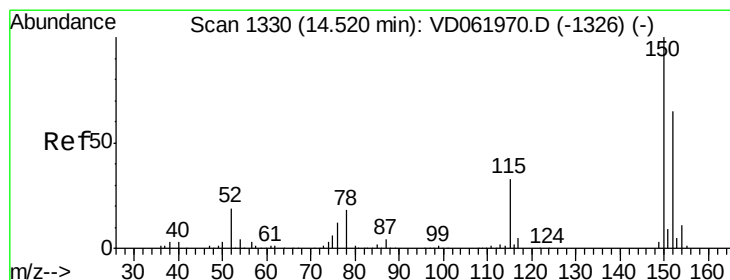
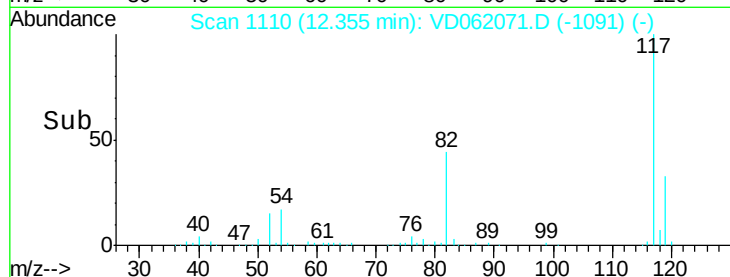
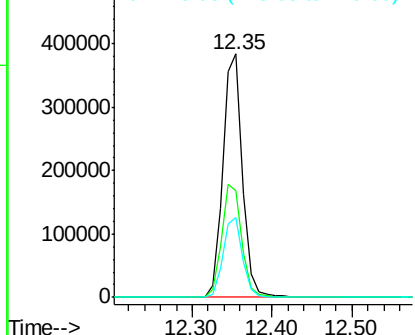
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:117 Resp: 660715
 Ion Ratio Lower Upper
 117 100
 82 43.8 36.2 54.2
 119 32.7 26.2 39.4

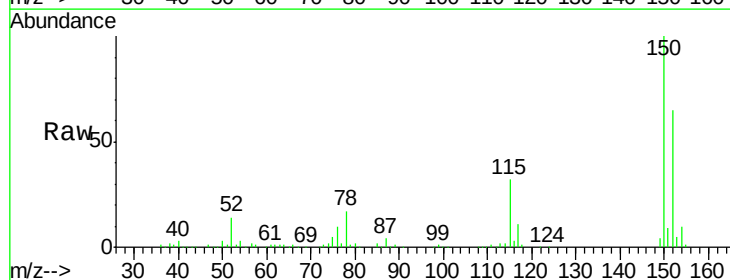


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

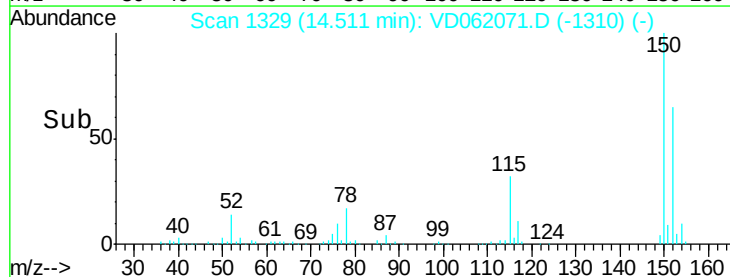
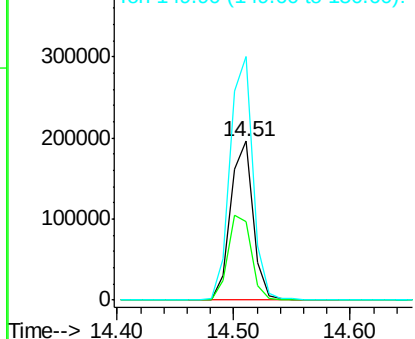


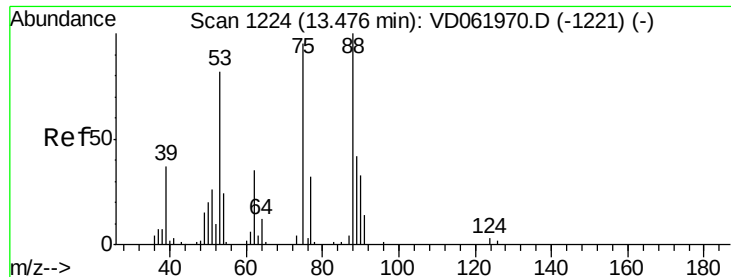
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062071.D
 Acq: 29 Apr 2019 19:13

Tgt Ion:152 Resp: 263234
 Ion Ratio Lower Upper
 152 100
 115 49.7 30.9 92.7
 150 153.4 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: 92.699 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

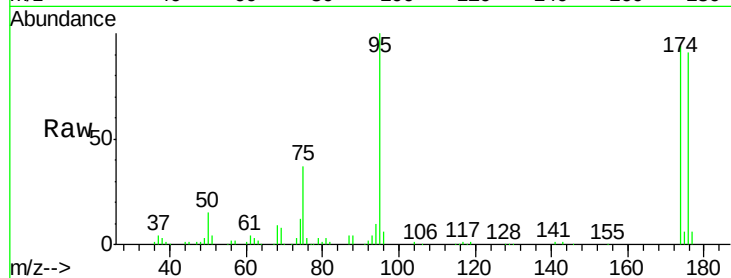
Tot Ion: 75 Resp: 93900

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

