

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062996.D
 Acq On : 1 Jul 2019 17:57
 Operator : VA/AP
 Sample : K3601-01
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 07:36:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

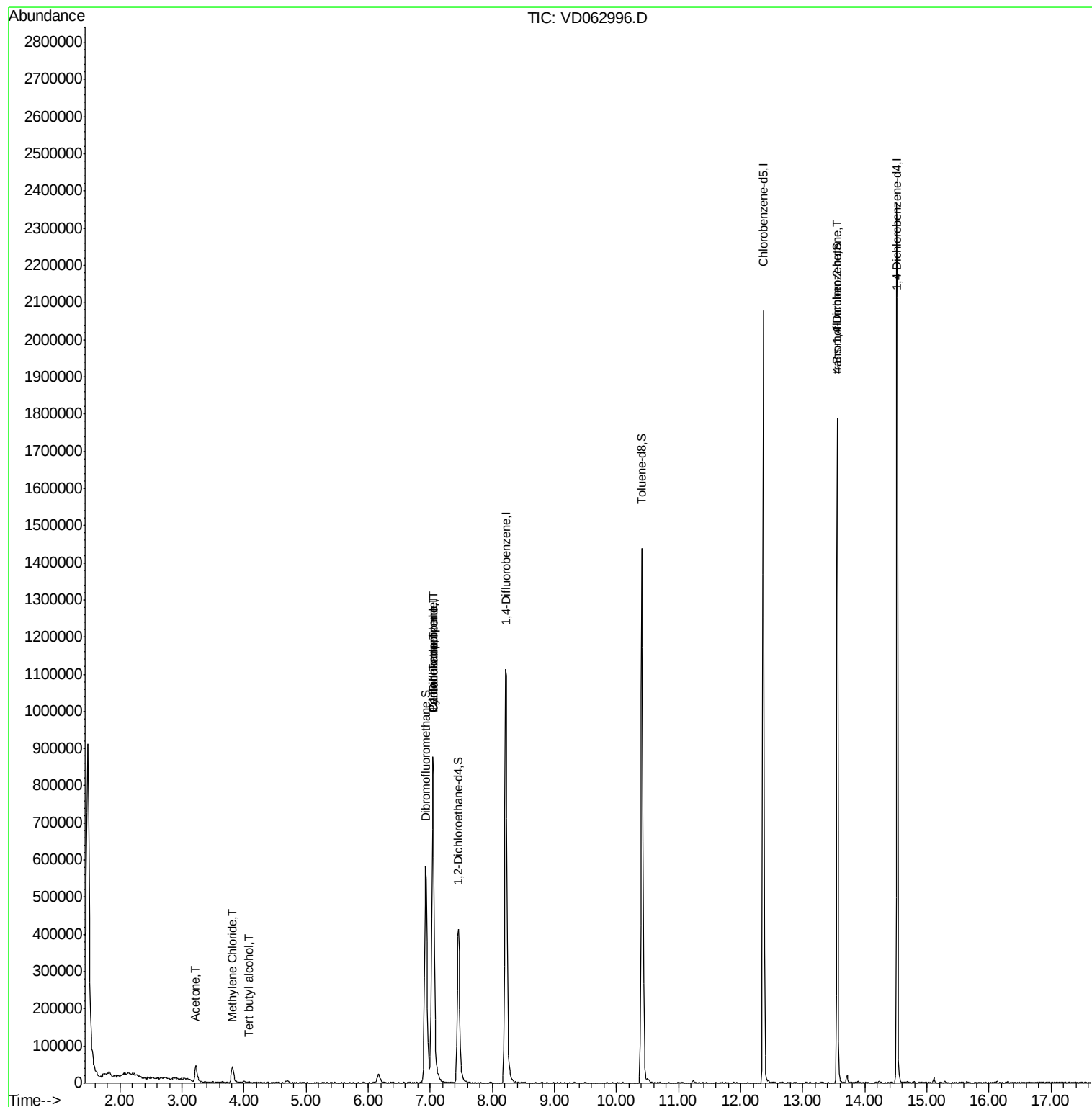
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	892258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1251688	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1090284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	540773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	490627	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	6.92	113	533605	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.41	98	1138224	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	13.56	95	489109	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.08	59	2294	5.193	ug/l #	77
16) Acetone	3.22	43	87371	38.504	ug/l	99
20) Methylene Chloride	3.81	84	27571	3.727	ug/l #	79
31) Cyclohexane	7.04	56	19994	2.195	ug/l #	7
36) 1,1-Dichloropropene	7.05	75	70882	5.982	ug/l #	53
37) Ethyl Acetate	6.17	43	1379	Below Cal	#	13
38) Carbon Tetrachloride	7.04	117	86821	4.872	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	220422	134.720	ug/l #	2

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

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MSVOA_D
ClientSampleId :

Quant Time: Jul 02 07:36:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :

MSVOA_D

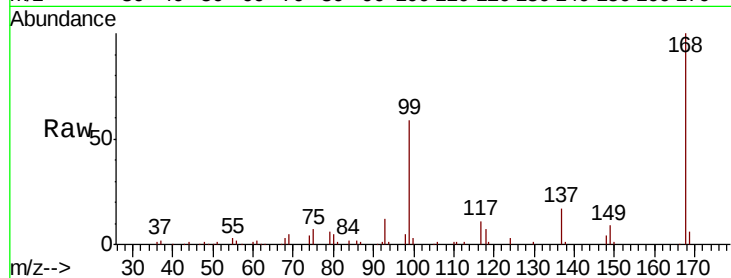
ClientSampleId :

Tot Ion:168 Resp: 892258

Ion Ratio Lower Upper

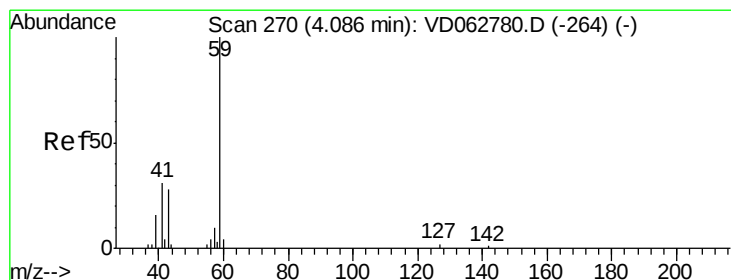
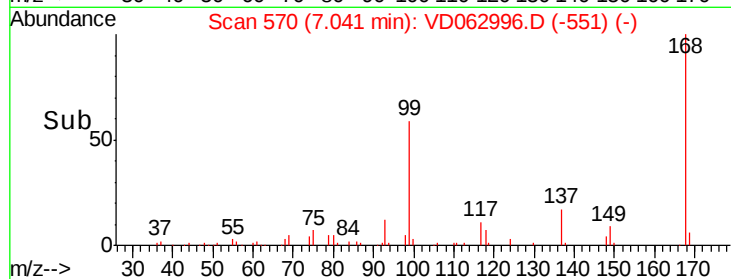
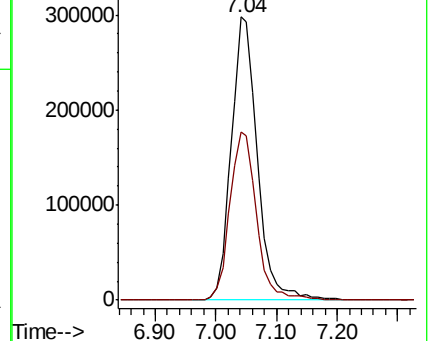
168 100

99 59.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 5.193 ug/l

RT: 4.08 min Scan# 269

Delta R.T. -0.01 min

Lab File: VD062996.D

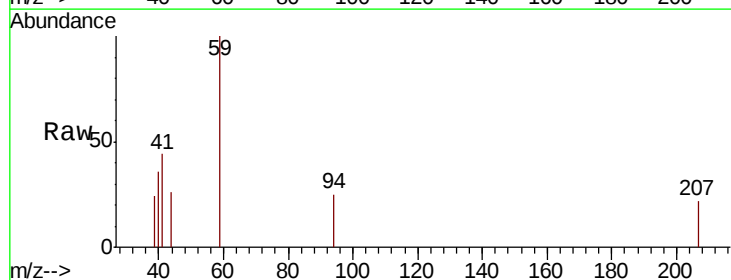
Acq: 1 Jul 2019 17:57

Tgt Ion: 59 Resp: 2294

Ion Ratio Lower Upper

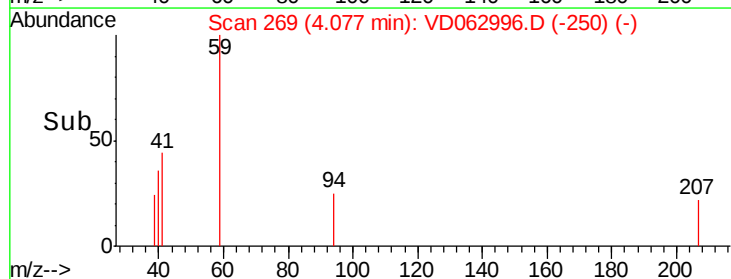
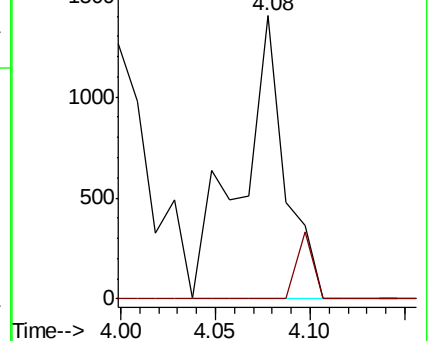
59 100

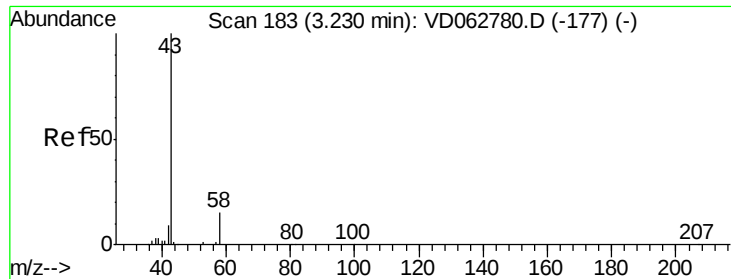
57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 38.504 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

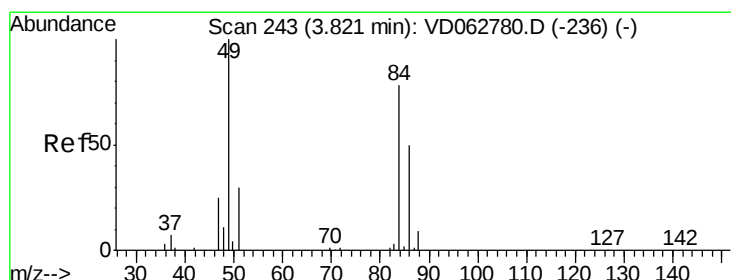
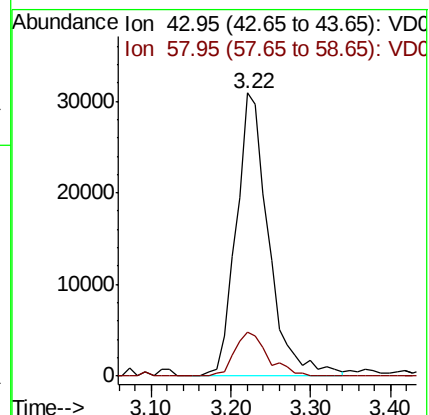
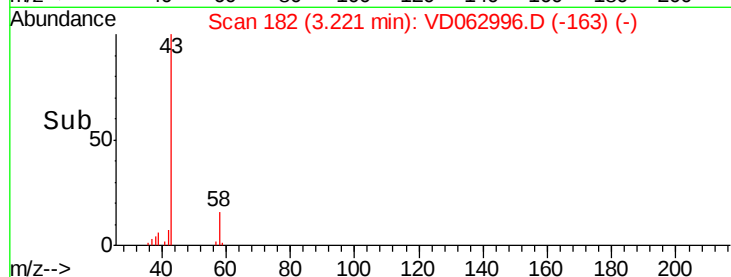
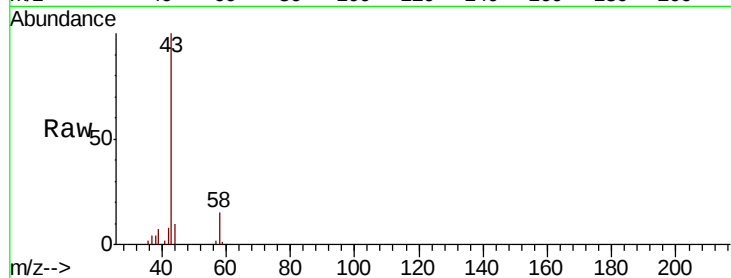
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 87371

Ion Ratio Lower Upper

43 100

58 15.3 11.9 17.9



#20

Methylene Chloride

Concen: 3.727 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Tgt Ion: 84 Resp: 27571

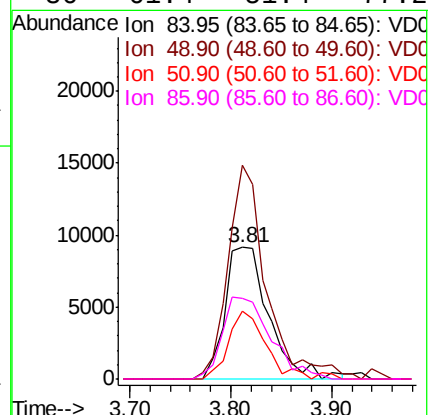
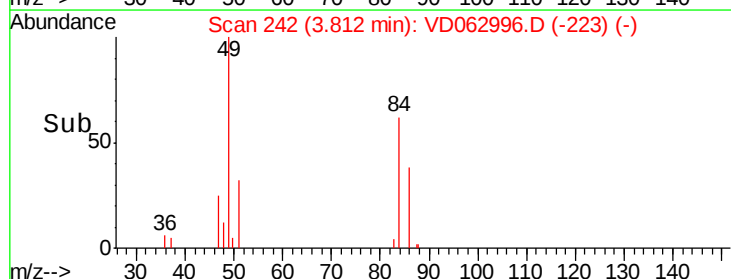
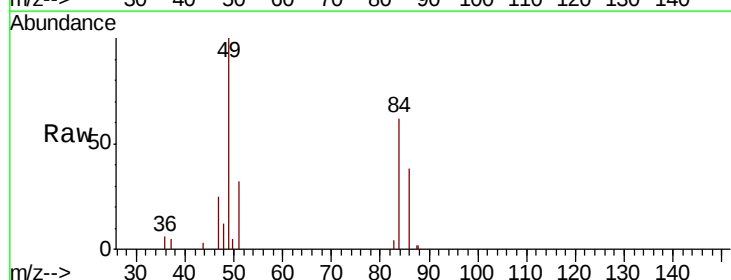
Ion Ratio Lower Upper

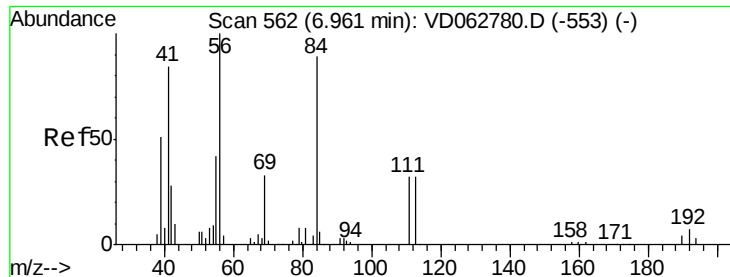
84 100

49 162.4 102.9 154.3#

51 51.7 31.2 46.8#

86 61.4 51.4 77.2

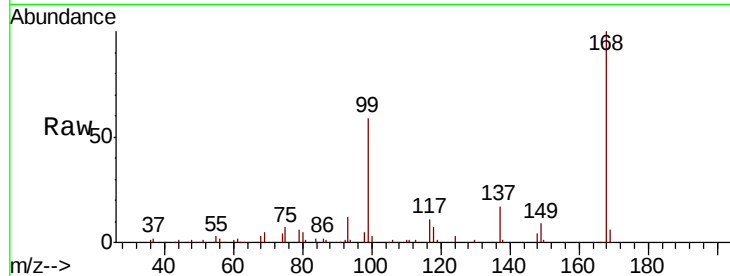




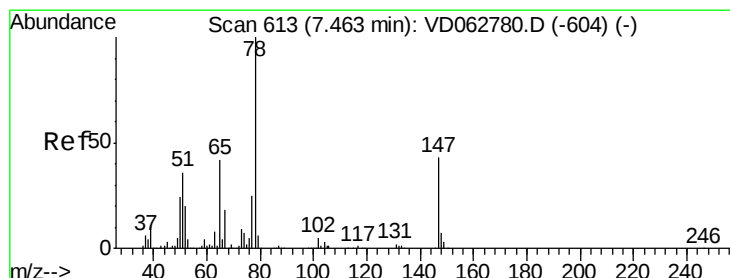
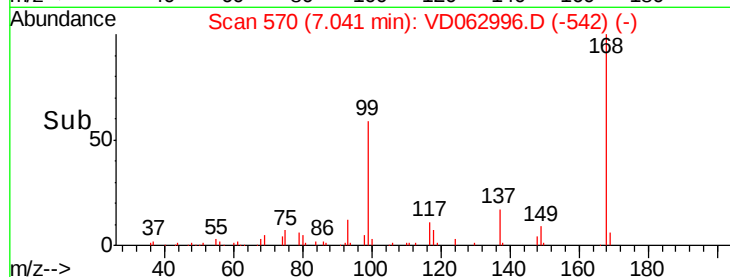
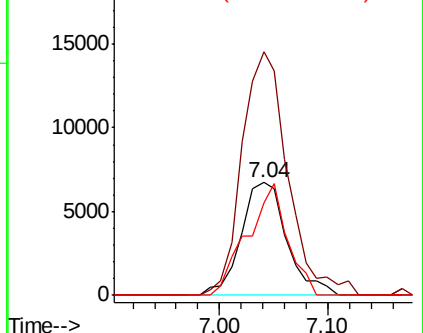
#31
Cyclohexane
Concen: 2.195 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 19994
Ion Ratio Lower Upper
56 100
69 216.4 26.6 39.8#
84 82.8 75.5 113.3

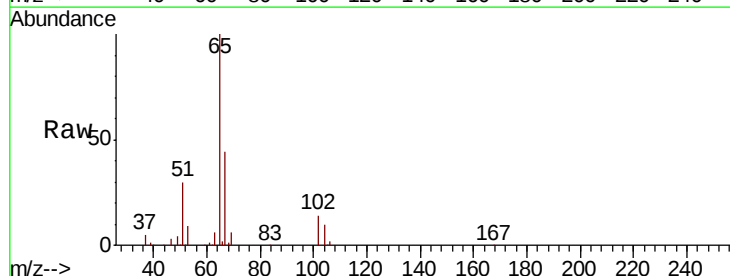


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

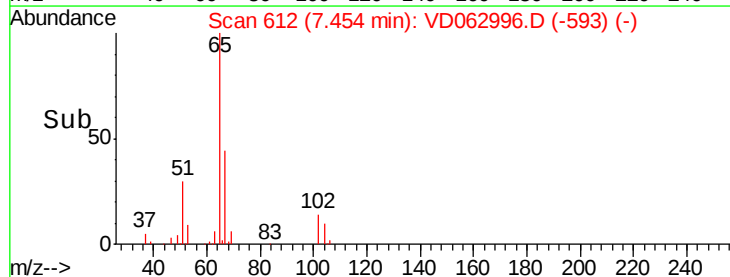
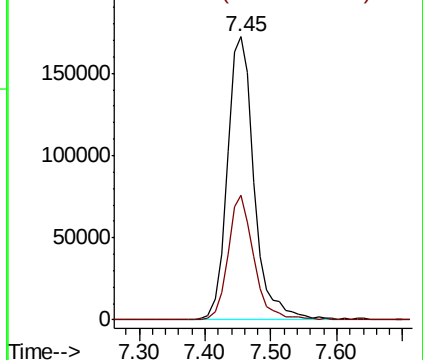


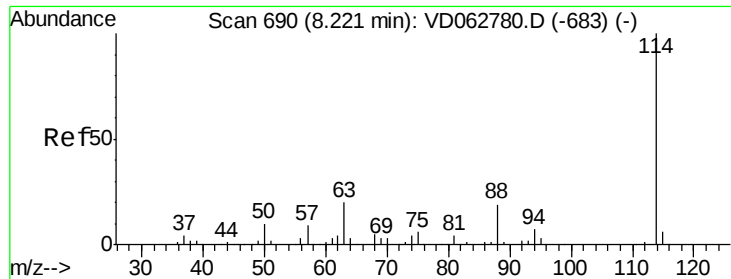
#33
1,2-Dichloroethane-d4
Concen: 50.587 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

Tgt Ion: 65 Resp: 490627
Ion Ratio Lower Upper
65 100
67 44.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

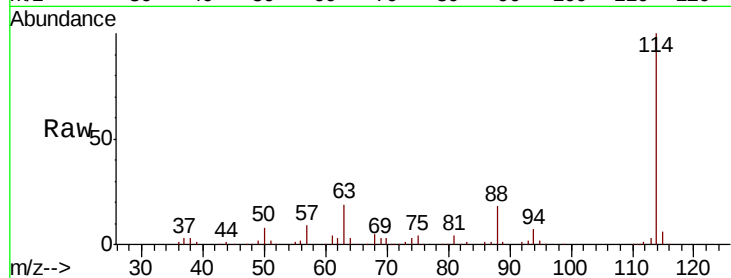




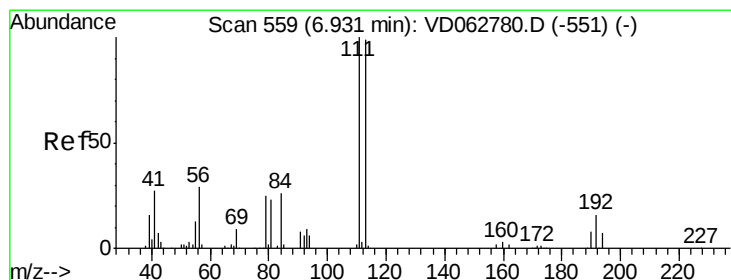
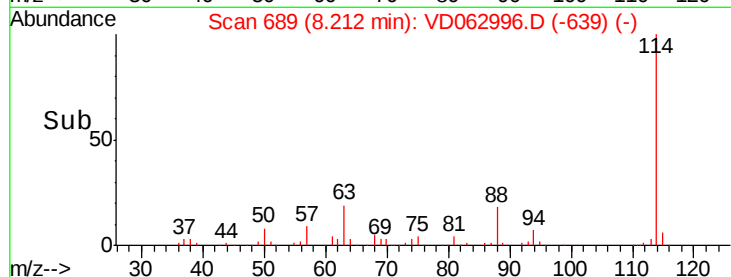
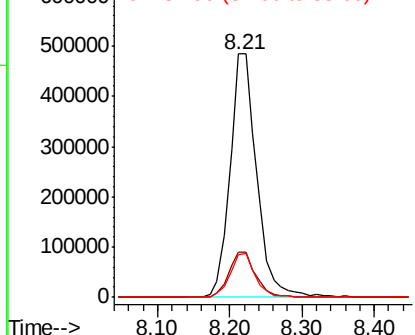
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062996.D
 Acq: 1 Jul 2019 17:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1251688
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 17.7 0.0 38.8

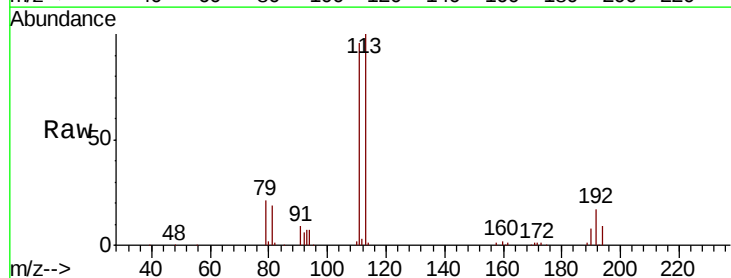


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

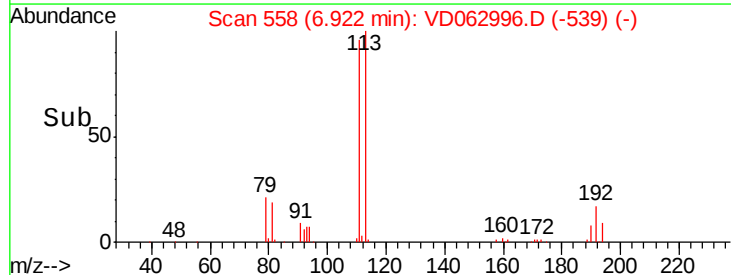
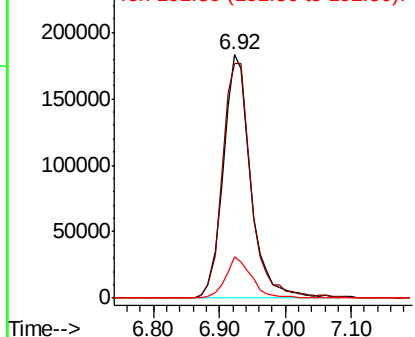


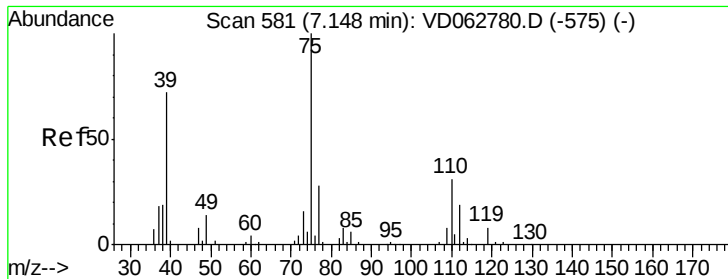
#35
 Dibromofluoromethane
 Concen: 50.559 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062996.D
 Acq: 1 Jul 2019 17:57

Tgt Ion:113 Resp: 533605
 Ion Ratio Lower Upper
 113 100
 111 96.4 81.2 121.8
 192 17.1 12.9 19.3



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: 5.982 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :
MSVOA_D
ClientSampleId :

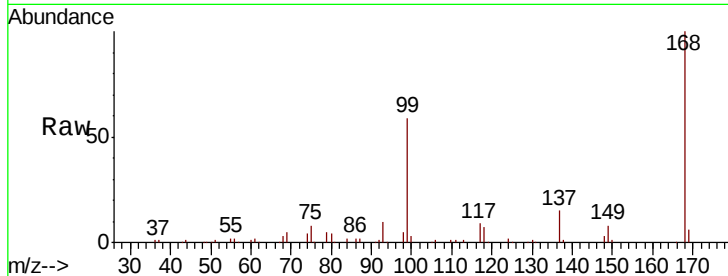
Tot Ion: 75 Resp: 70882

Ion Ratio Lower Upper

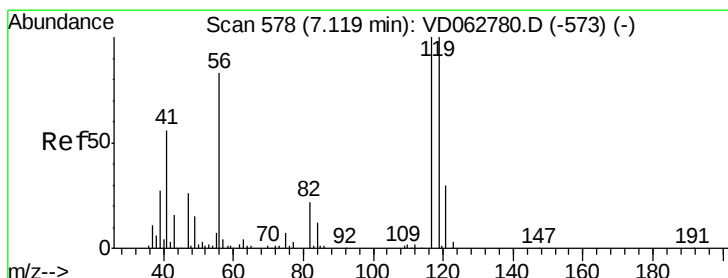
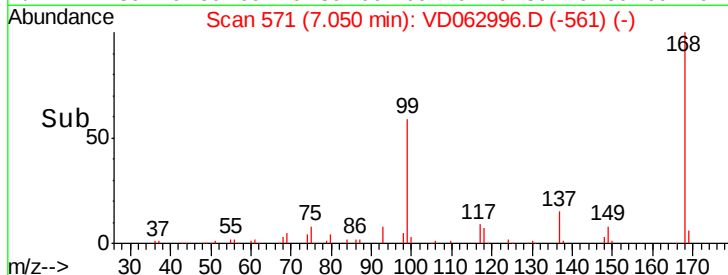
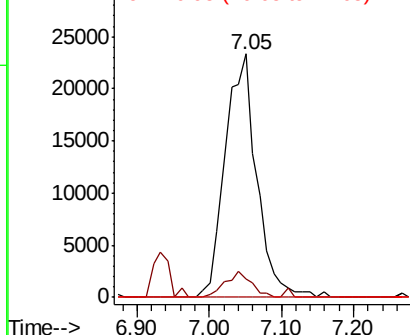
75 100

110 7.5 15.0 45.1#

77 0.0 22.2 33.2#



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: 4.872 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

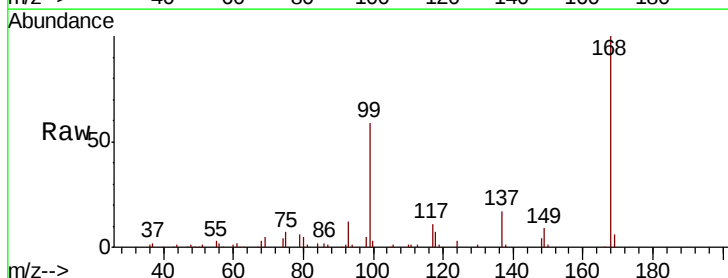
Tgt Ion: 117 Resp: 86821

Ion Ratio Lower Upper

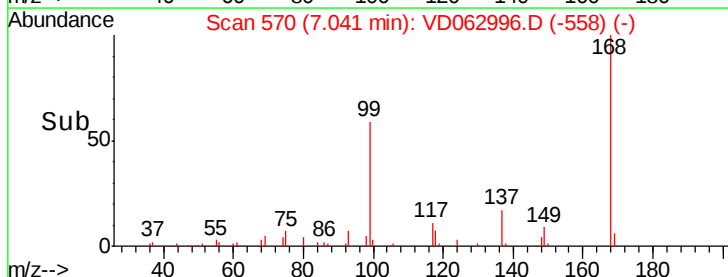
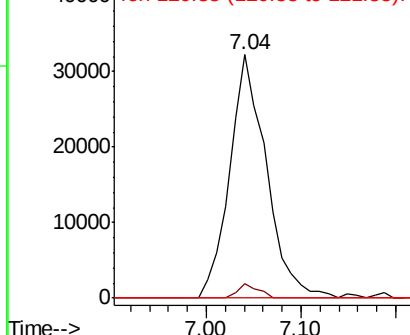
117 100

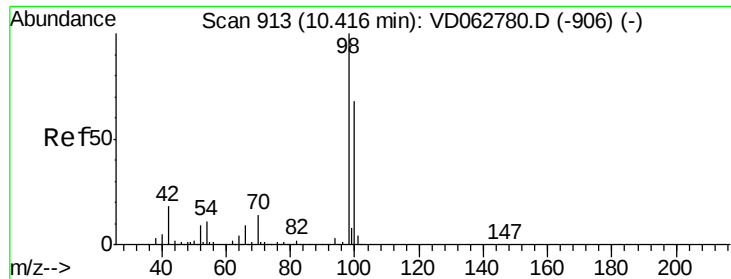
119 5.8 75.4 113.2#

121 0.0 22.3 33.5#



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

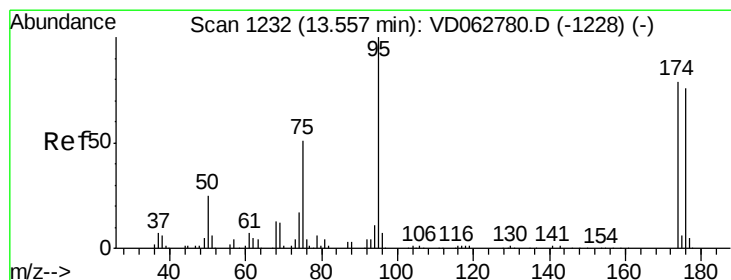
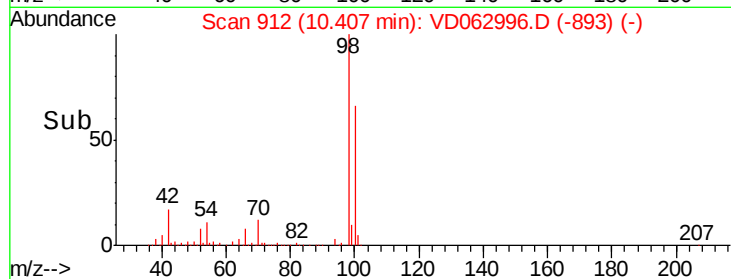
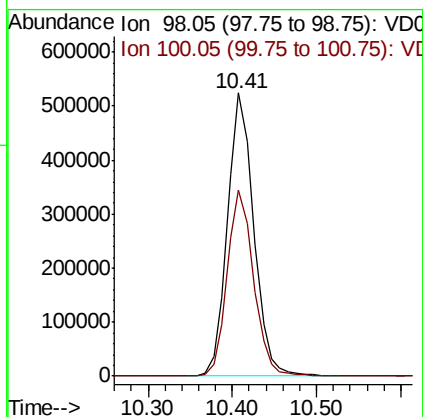
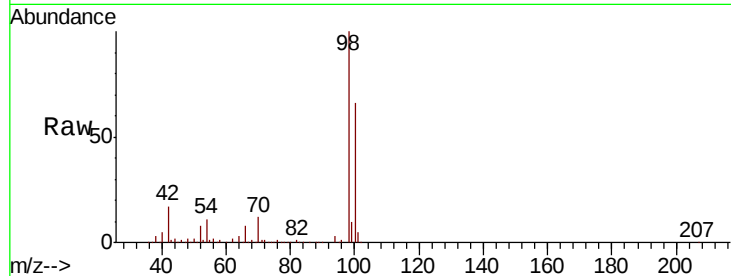




#50
Toluene-d8
Concen: 49.551 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

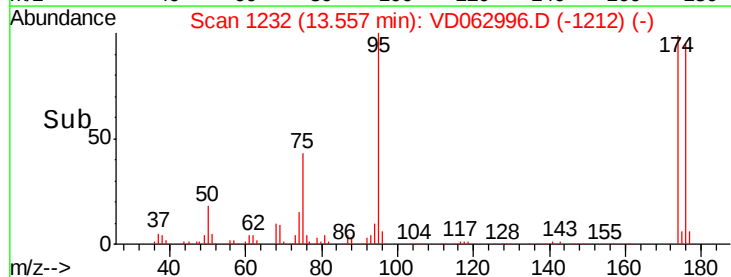
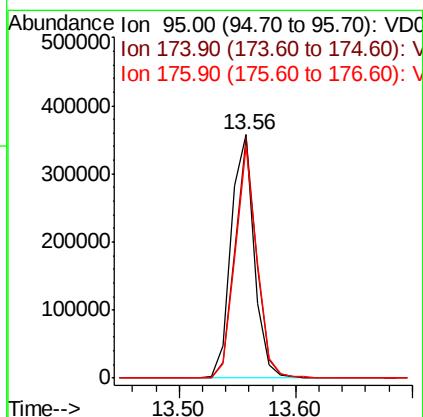
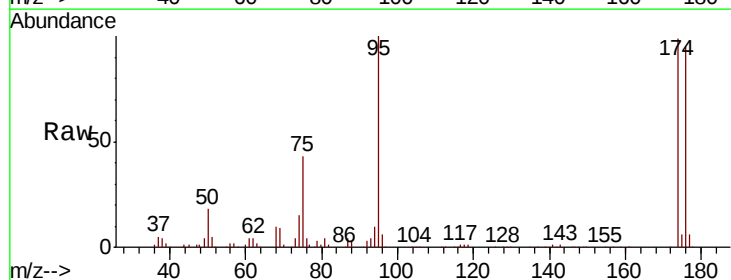
Instrument :
MSVOA_D
ClientSampleId :

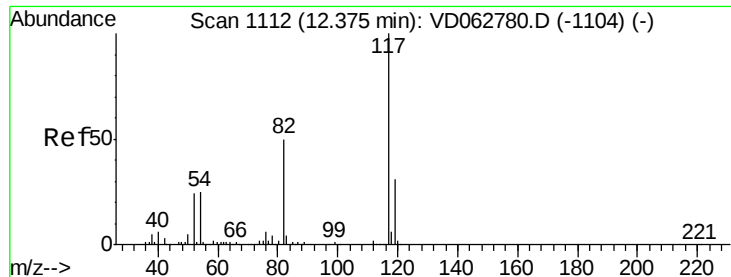
Tot Ion: 98 Resp: 1138224
Ion Ratio Lower Upper
98 100
100 65.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 46.827 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

Tgt Ion: 95 Resp: 489109
Ion Ratio Lower Upper
95 100
174 99.2 0.0 158.0
176 95.5 0.0 151.6

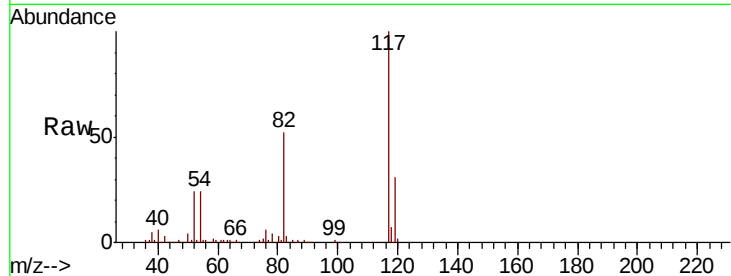




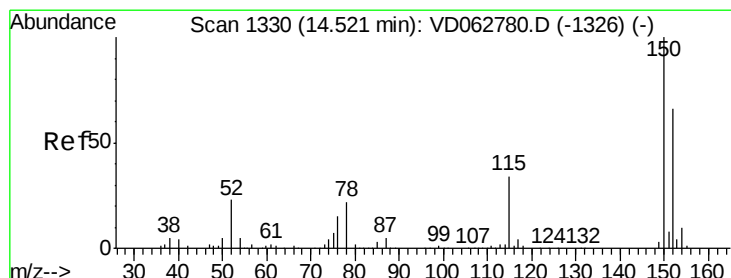
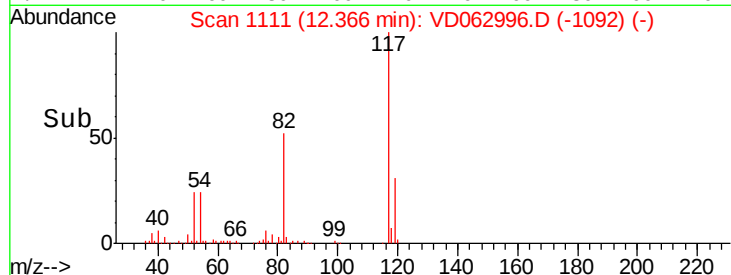
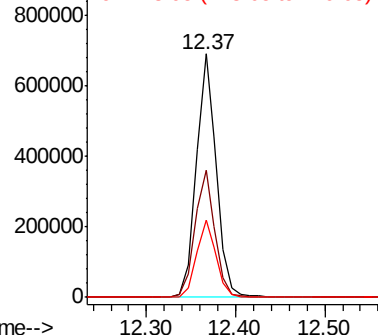
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1090284
Ion Ratio Lower Upper
117 100
82 52.3 40.4 60.6
119 31.5 25.2 37.8

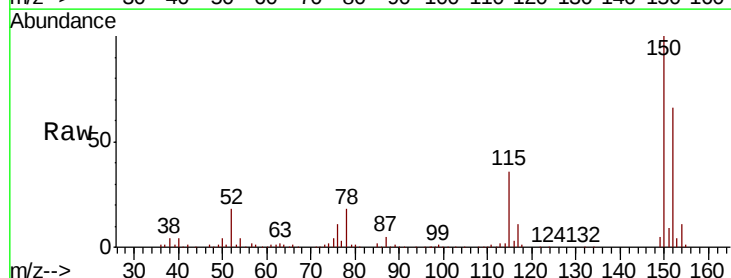


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

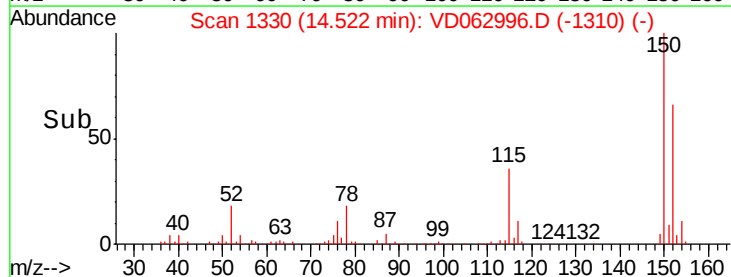
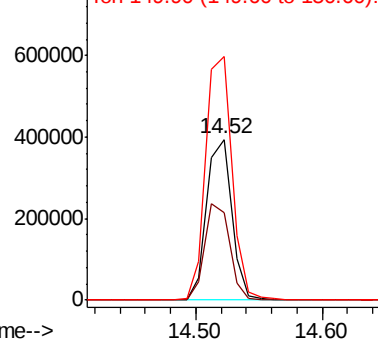


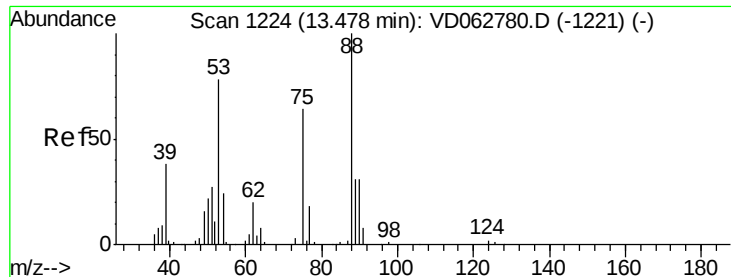
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062996.D
Acq: 1 Jul 2019 17:57

Tgt Ion:152 Resp: 540773
Ion Ratio Lower Upper
152 100
115 54.6 29.2 87.6
150 151.3 0.0 305.8



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: 134.720 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

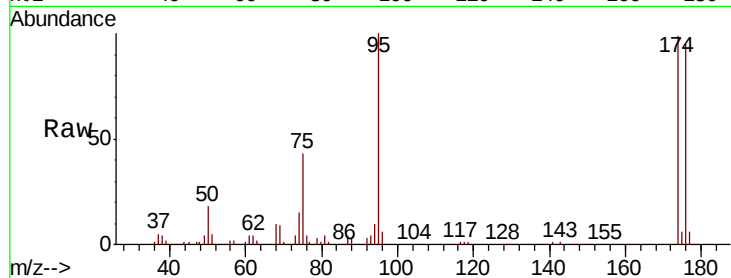
Tot Ion: 75 Resp: 220422

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



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

