

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063010.D
 Acq On : 2 Jul 2019 18:49
 Operator : VA/AP
 Sample : K3602-04
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 03 00:58:28 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

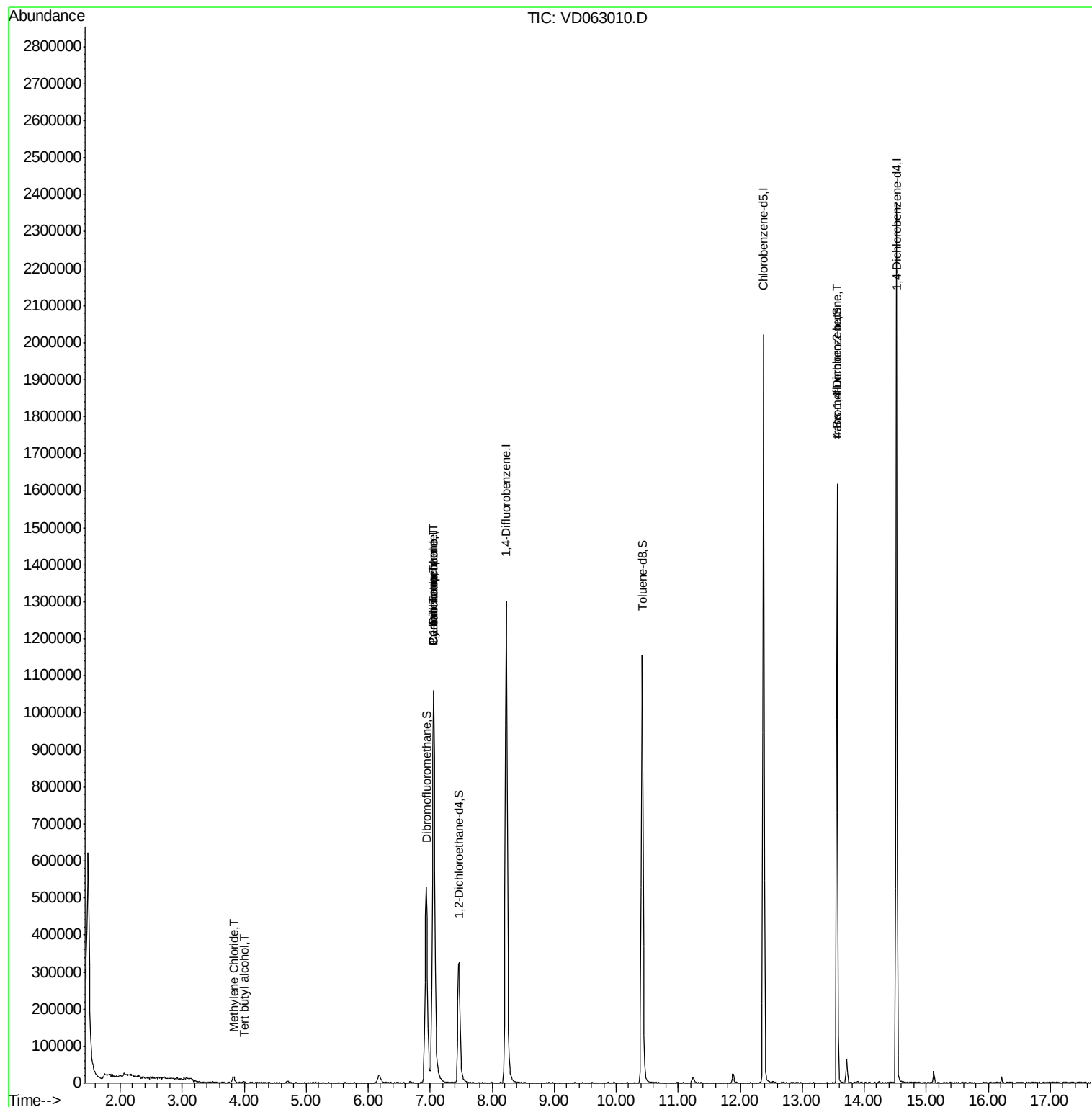
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	996999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1414567	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1076499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	582969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	391440	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
35) Dibromofluoromethane	6.94	113	449853	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
50) Toluene-d8	10.42	98	914911	35.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.48%	
62) 4-Bromofluorobenzene	13.56	95	432402	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.98	59	2716	5.503	ug/l #	77
16) Acetone	3.23	43	2741	Below Cal	#	64
20) Methylene Chloride	3.84	84	9766	1.182	ug/l #	87
31) Cyclohexane	7.06	56	22060	2.168	ug/l #	20
36) 1,1-Dichloropropene	7.06	75	75339	5.626	ug/l #	56
37) Ethyl Acetate	6.19	43	1272	Below Cal	#	1
38) Carbon Tetrachloride	7.06	117	101616	5.046	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	197357	111.892	ug/l #	2

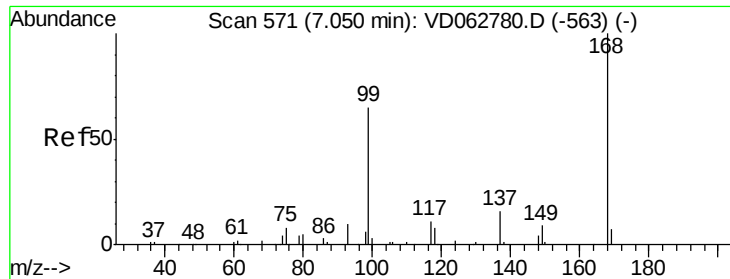
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
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ClientSampleId :

Quant Time: Jul 03 00:58:28 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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

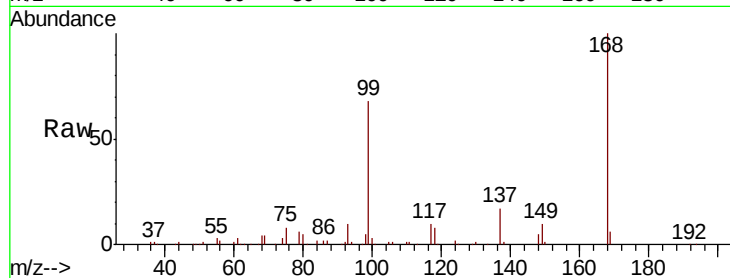
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 996999

Ion Ratio Lower Upper

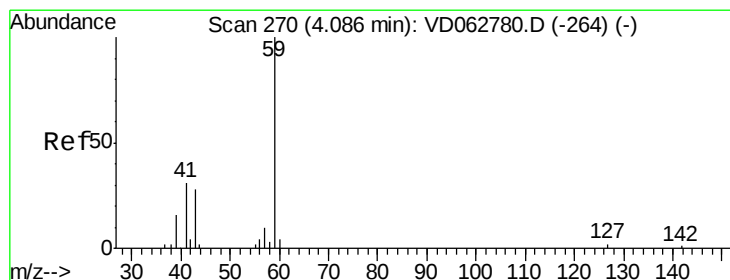
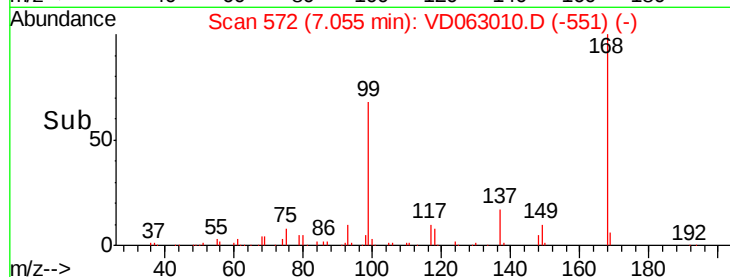
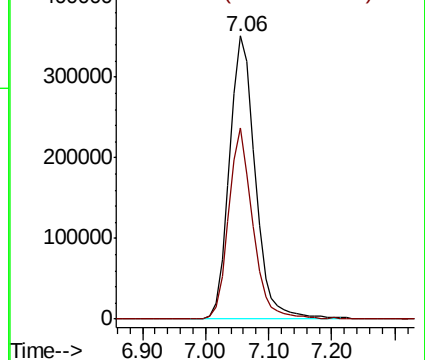
168 100

99 67.6 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: 5.503 ug/l

RT: 3.98 min Scan# 260

Delta R.T. -0.10 min

Lab File: VD063010.D

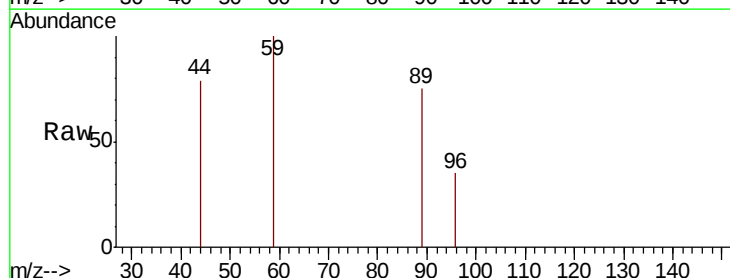
Acq: 2 Jul 2019 18:49

Tgt Ion: 59 Resp: 2716

Ion Ratio Lower Upper

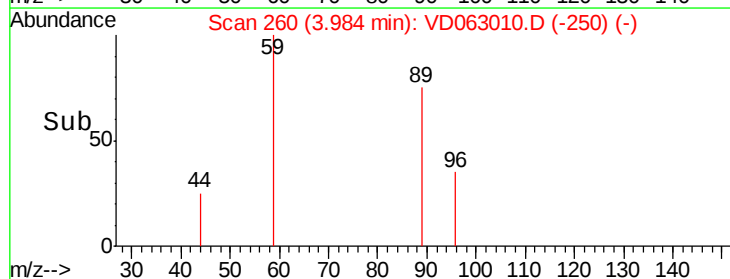
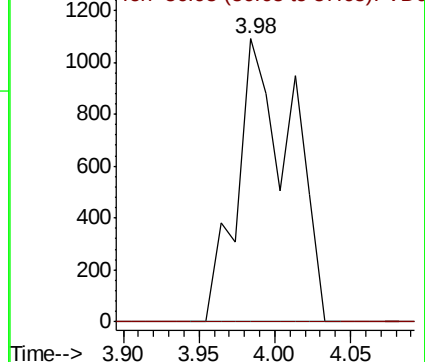
59 100

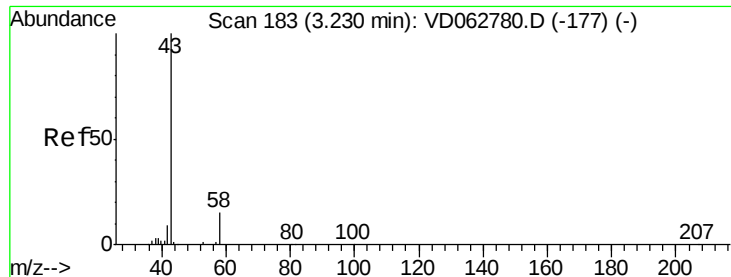
57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Instrument :

MSVOA_D

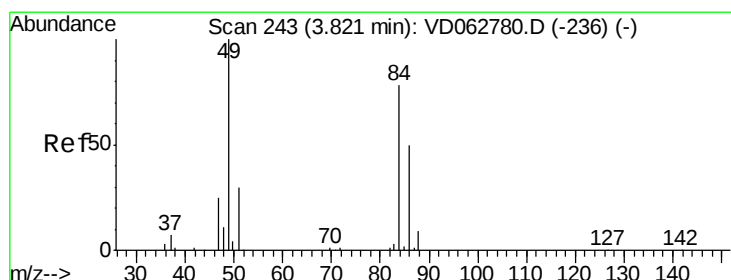
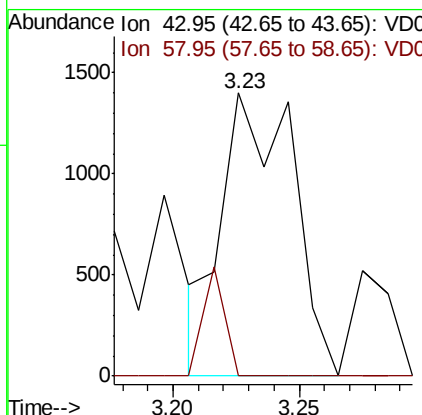
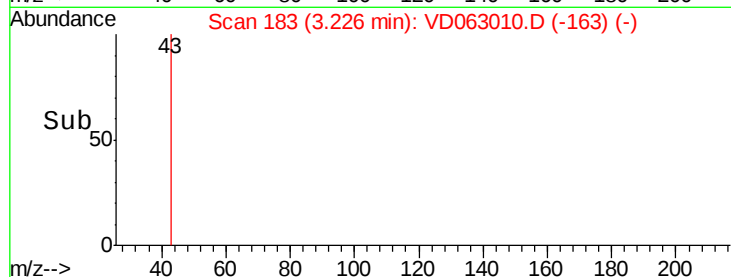
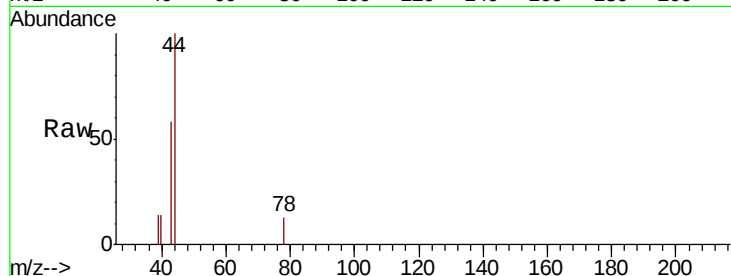
ClientSampleId :

Tot Ion: 43 Resp: 2741

Ion Ratio Lower Upper

43 100

58 0.0 11.9 17.9#



#20

Methylene Chloride

Concen: 1.182 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.02 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Tgt Ion: 84 Resp: 9766

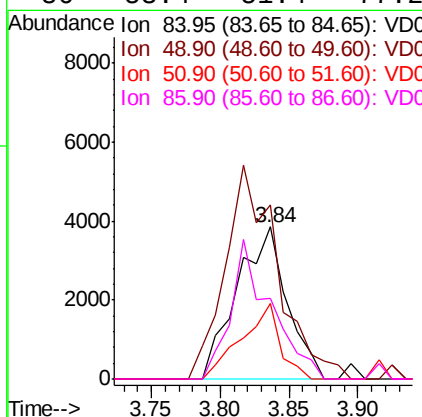
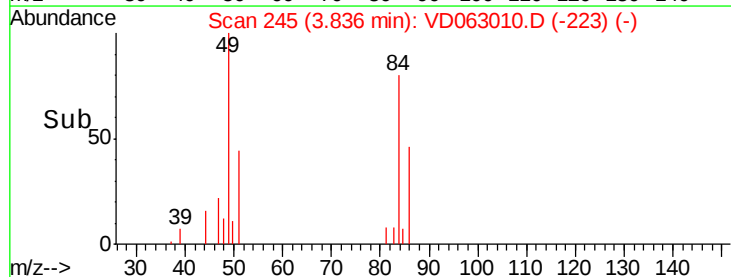
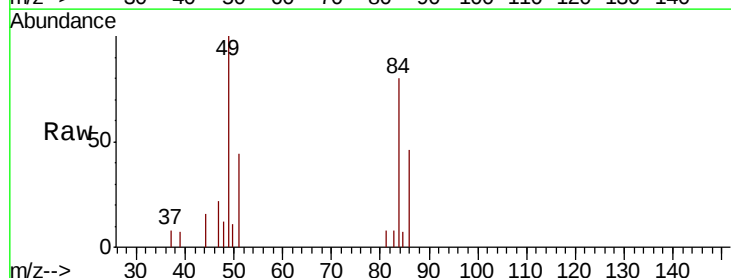
Ion Ratio Lower Upper

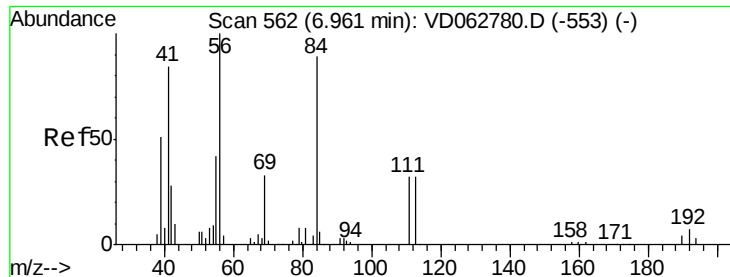
84 100

49 114.9 102.9 154.3

51 50.0 31.2 46.8#

86 53.4 51.4 77.2

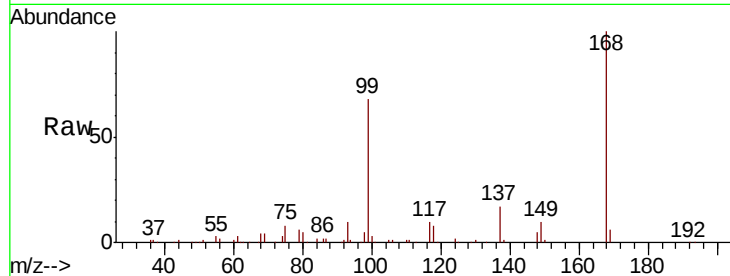




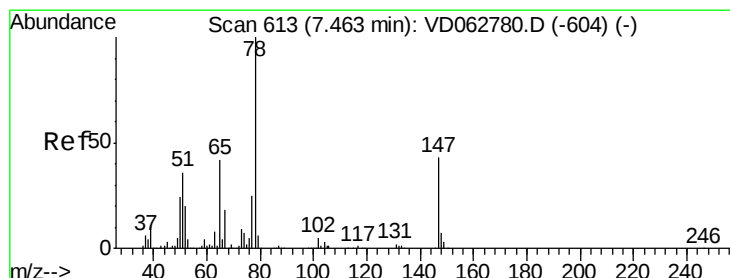
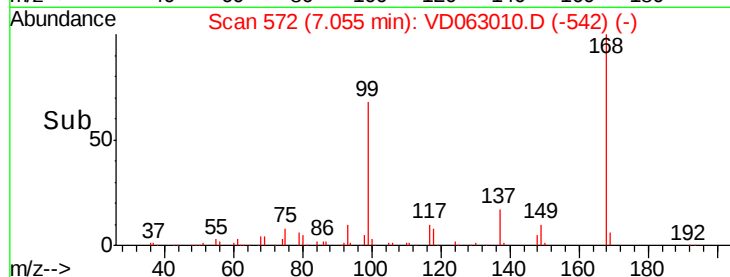
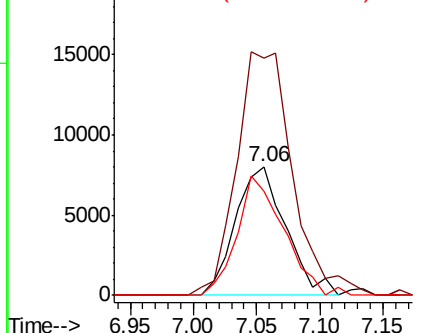
#31
Cyclohexane
Concen: 2.168 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 22060
Ion Ratio Lower Upper
56 100
69 184.3 26.6 39.8#
84 80.9 75.5 113.3

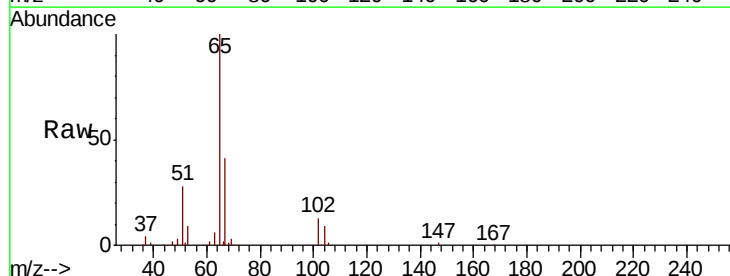


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

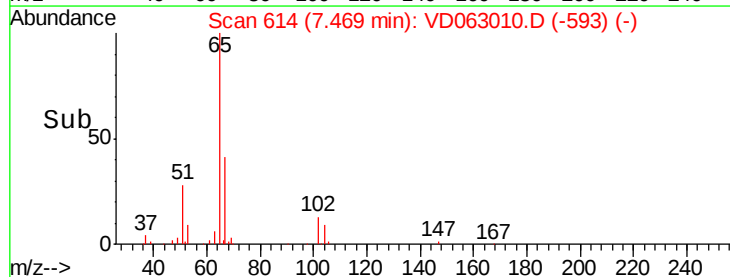
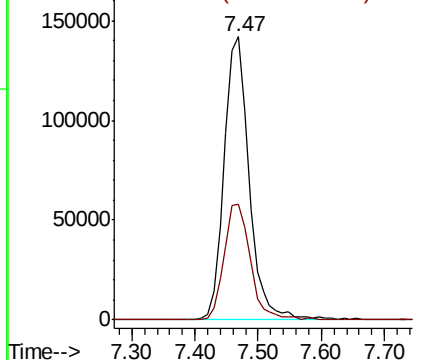


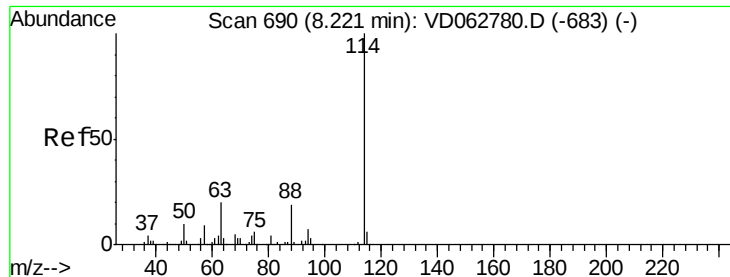
#33
1,2-Dichloroethane-d4
Concen: 36.120 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Tgt Ion: 65 Resp: 391440
Ion Ratio Lower Upper
65 100
67 41.0 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

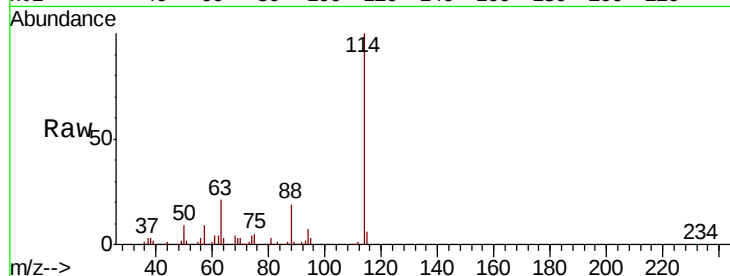
Tot Ion:114 Resp: 1414567

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 19.0 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

8.23

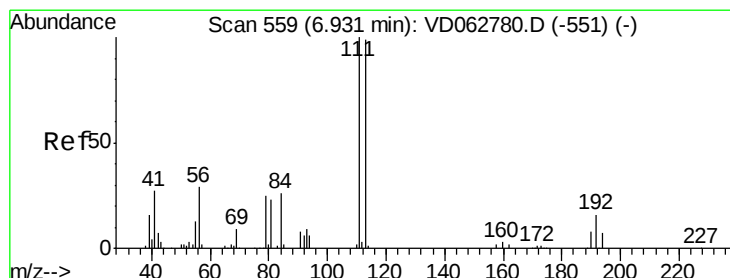
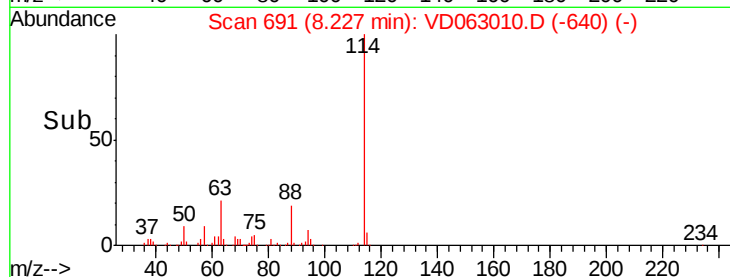
600000

400000

200000

0

Time-->



#35

Dibromofluoromethane

Concen: 37.715 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

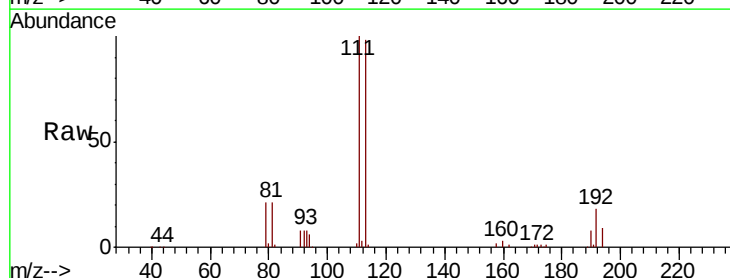
Tgt Ion:113 Resp: 449853

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 18.8 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

6.94

200000

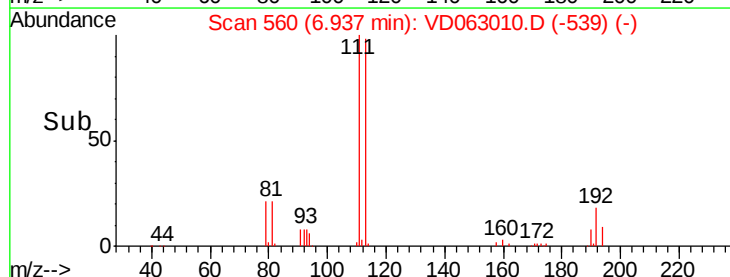
150000

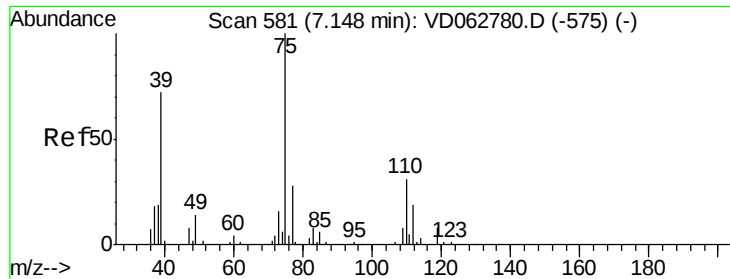
100000

50000

0

Time-->





#36

1,1-Dichloropropene

Concen: 5.626 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Instrument :
MSVOA_D
ClientSampled :

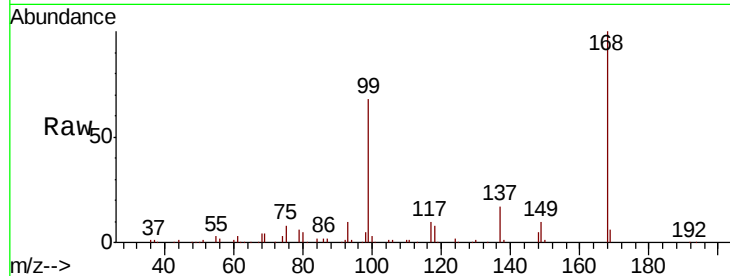
Tot Ion: 75 Resp: 75339

Ion Ratio Lower Upper

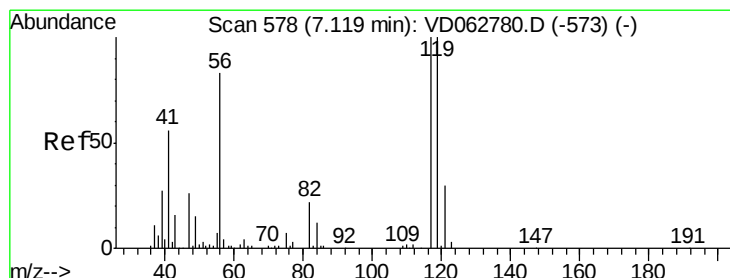
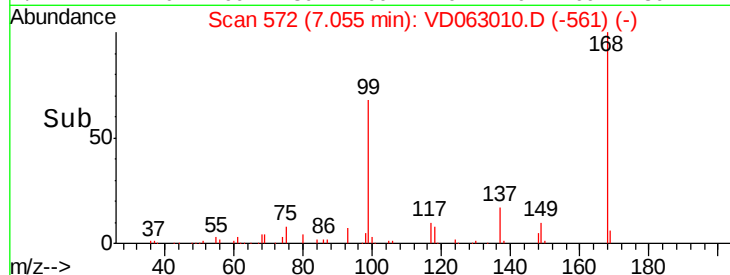
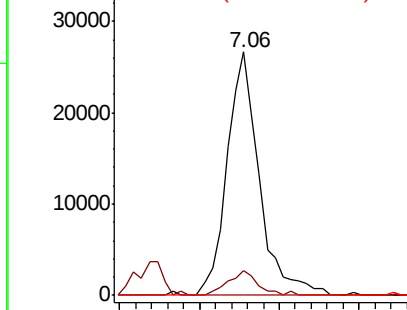
75 100

110 10.2 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: 5.046 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

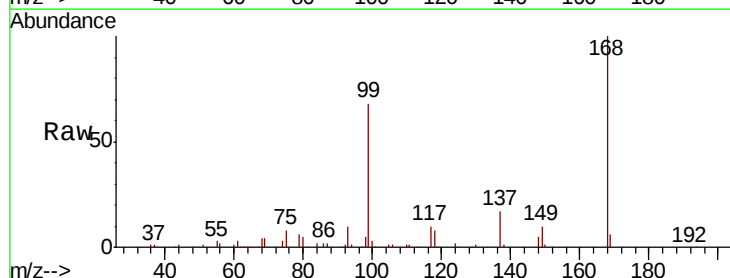
Tgt Ion: 117 Resp: 101616

Ion Ratio Lower Upper

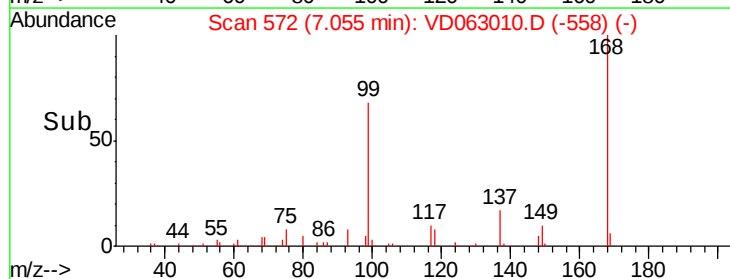
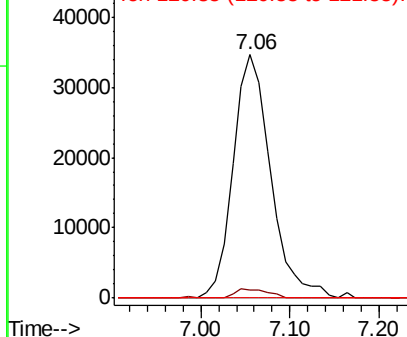
117 100

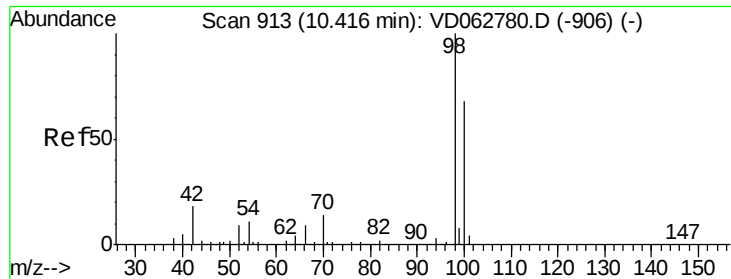
119 3.6 75.4 113.2#

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

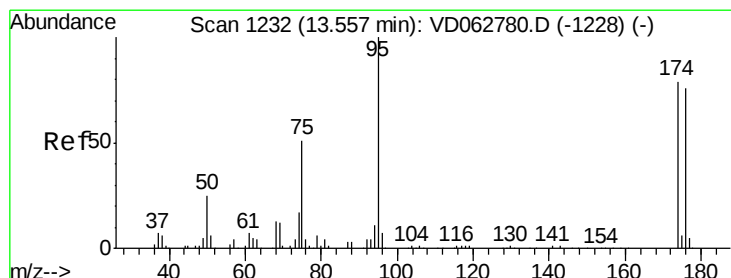
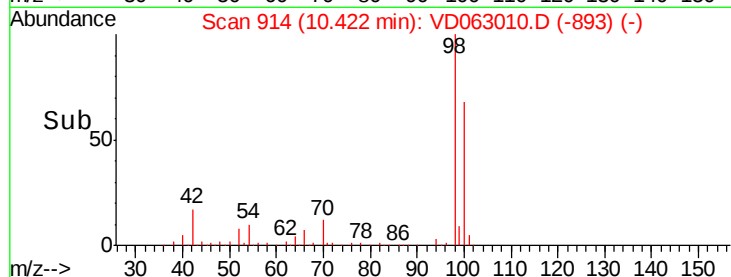
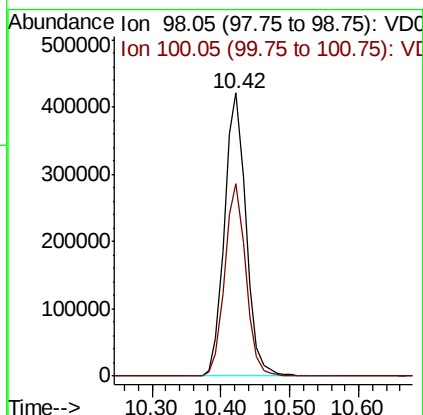
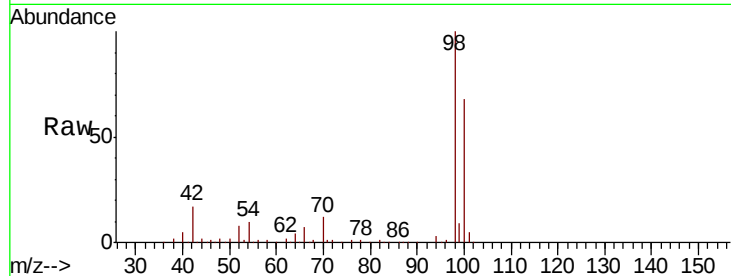




#50
Toluene-d8
Concen: 35.243 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

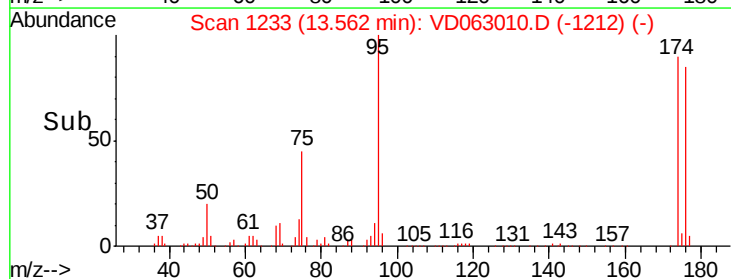
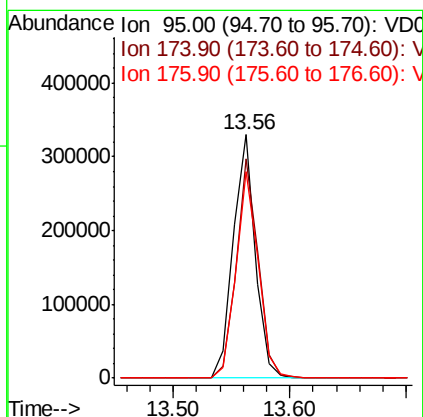
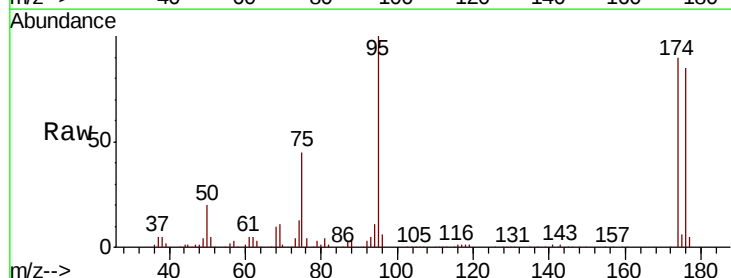
Instrument :
MSVOA_D
ClientSampleId :

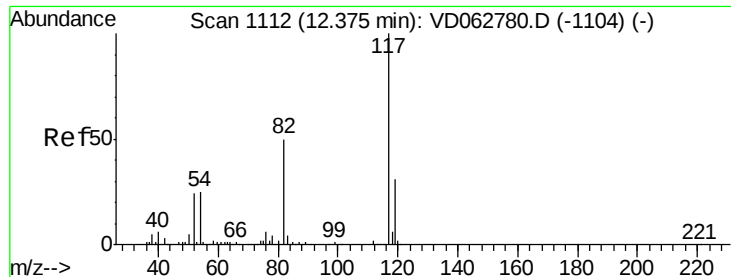
Tot Ion: 98 Resp: 914911
Ion Ratio Lower Upper
98 100
100 68.0 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.631 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Tgt Ion: 95 Resp: 432402
Ion Ratio Lower Upper
95 100
174 90.0 0.0 158.0
176 85.0 0.0 151.6

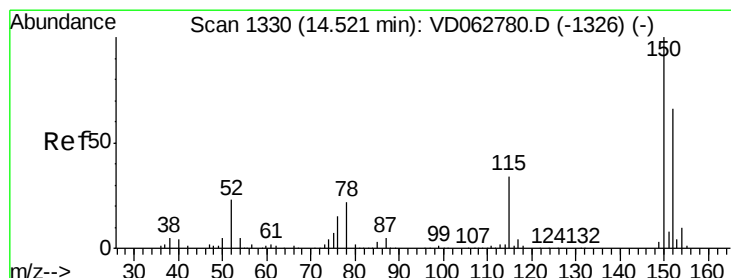
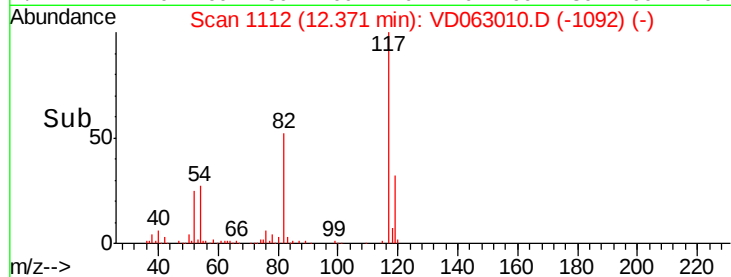
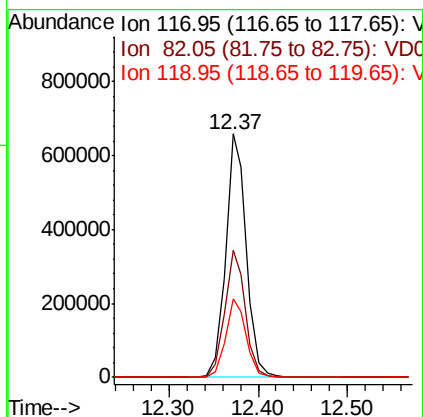
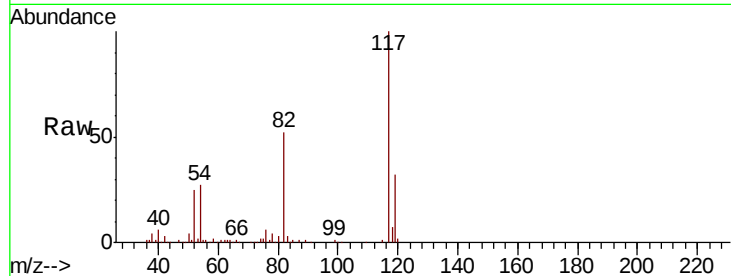




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

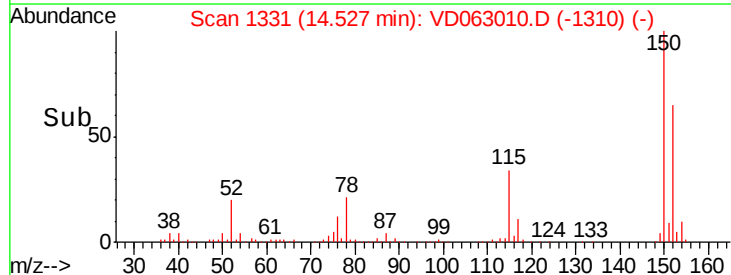
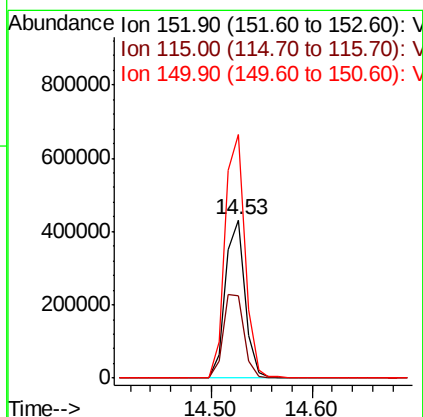
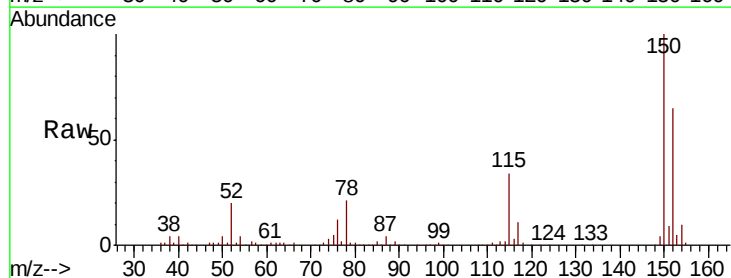
Instrument :
MSVOA_D
ClientSampled :

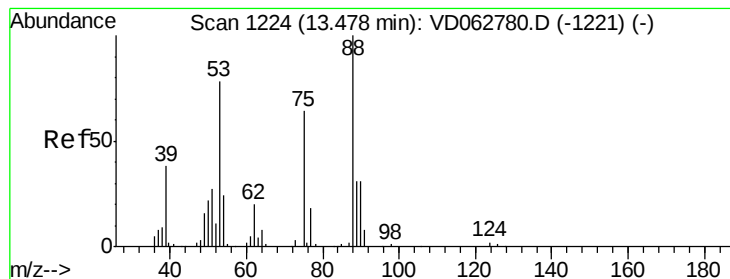
Tot Ion:117 Resp: 1076499
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063010.D
Acq: 2 Jul 2019 18:49

Tgt Ion:152 Resp: 582969
Ion Ratio Lower Upper
152 100
115 52.0 29.2 87.6
150 153.7 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 111.892 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD063010.D

Acq: 2 Jul 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

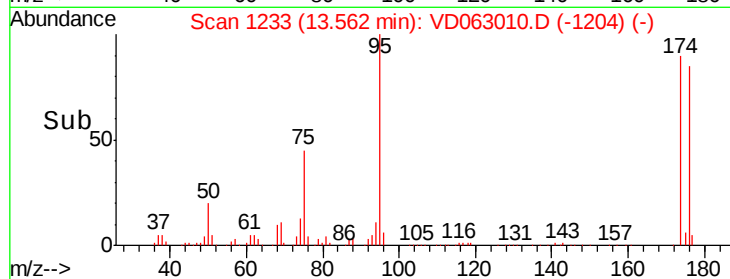
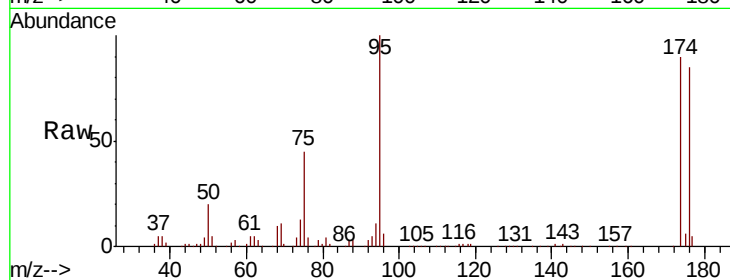
Tot Ion: 75 Resp: 197357

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

