

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063541.D
 Acq On : 13 Aug 2019 21:37
 Operator : JC/SY
 Sample : K4321-05
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:31:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	962670	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1423694	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1163570	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	484615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	445975	43.34	ug/l	-0.01
Spiked Amount						
			Recovery	=	86.68%	
35) Dibromofluoromethane	6.93	113	497900	41.52	ug/l	0.00
Spiked Amount						
			Recovery	=	83.04%	
50) Toluene-d8	10.41	98	1032713	39.17	ug/l	-0.01
Spiked Amount						
			Recovery	=	78.34%	
62) 4-Bromofluorobenzene	13.56	95	406510	34.02	ug/l	0.00
Spiked Amount						
			Recovery	=	68.04%	

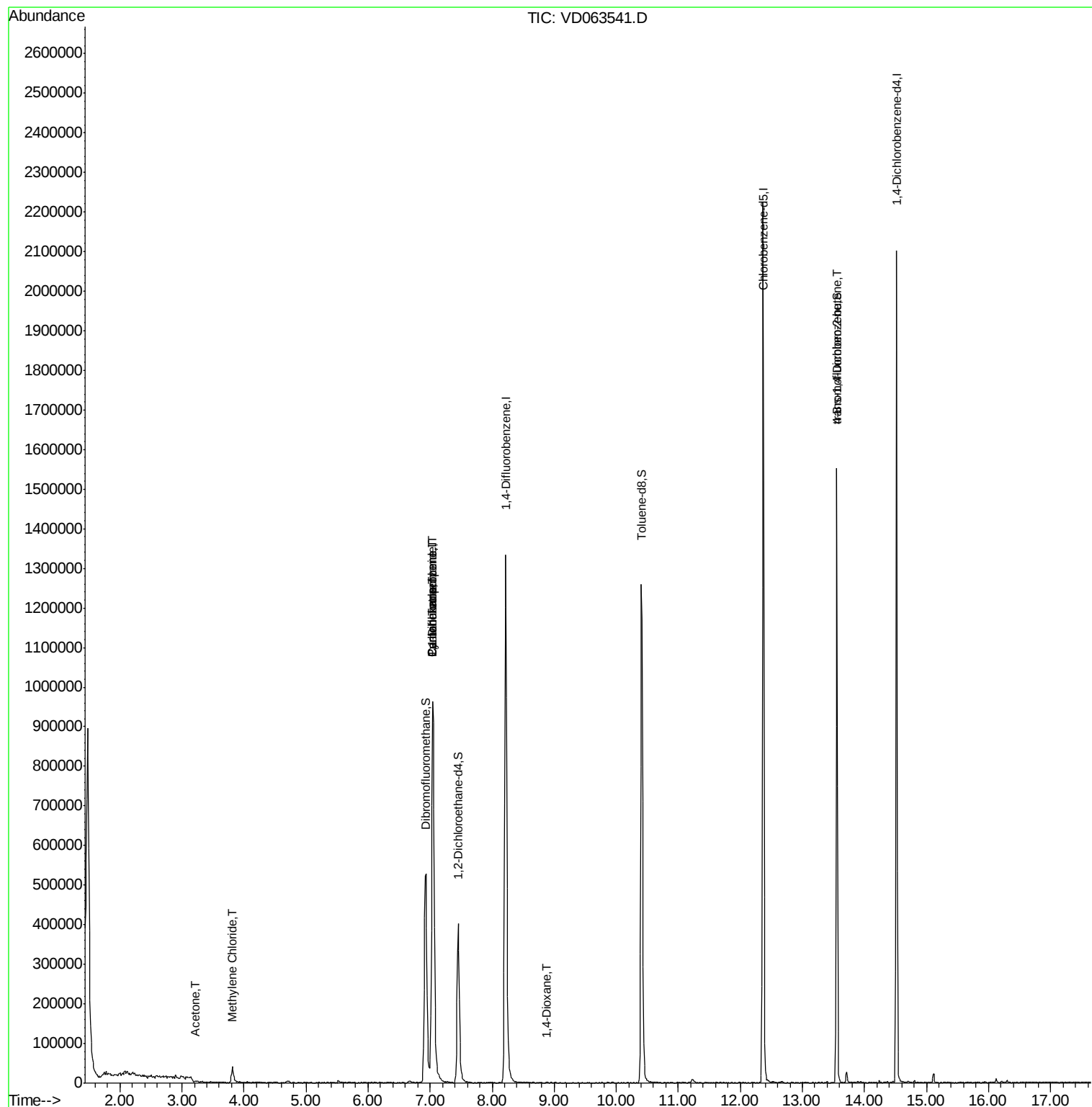
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	5266	2.517	ug/l #	65
20) Methylene Chloride	3.81	84	21838	2.414	ug/l	83
31) Cyclohexane	7.04	56	23934	2.576	ug/l #	45
36) 1,1-Dichloropropene	7.04	75	72998	5.800	ug/l #	52
38) Carbon Tetrachloride	7.04	117	95050	5.011	ug/l #	15
49) 1,4-Dioxane	8.89	88	279	31.101	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	184830	123.644	ug/l #	1

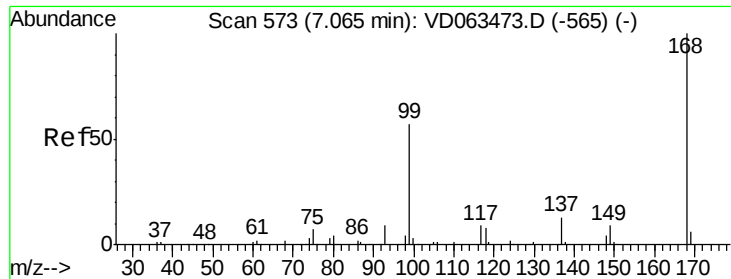
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063541.D
Acq On : 13 Aug 2019 21:37
Operator : JC/SY
Sample : K4321-05
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:31:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

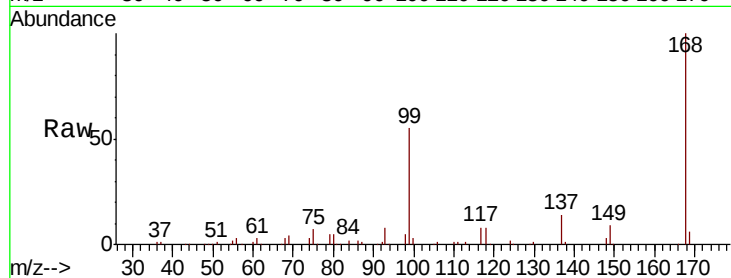
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 962670

Ion Ratio Lower Upper

168 100

99 54.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

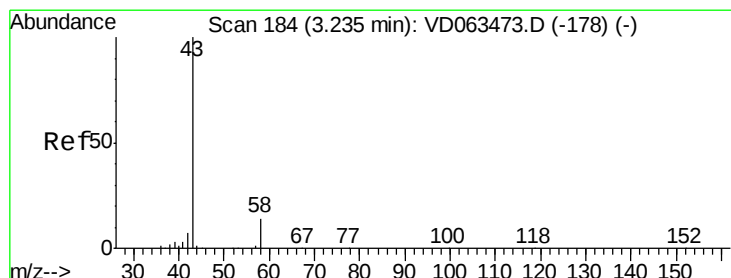
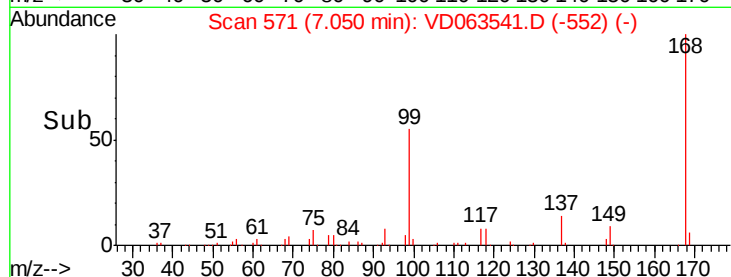
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 2.517 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063541.D

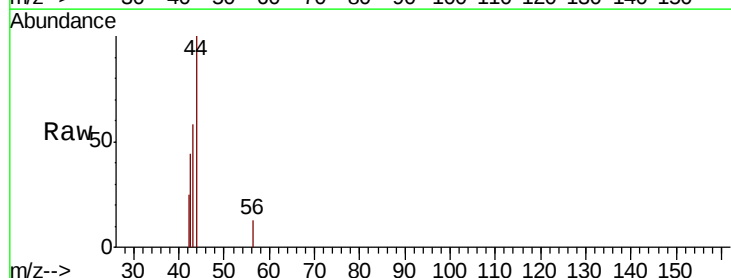
Acq: 13 Aug 2019 21:37

Tgt Ion: 43 Resp: 5266

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

2500

2000

1500

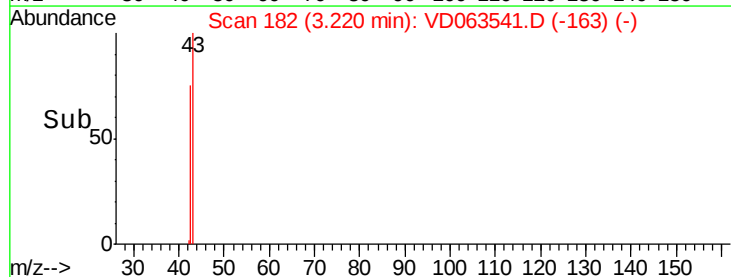
1000

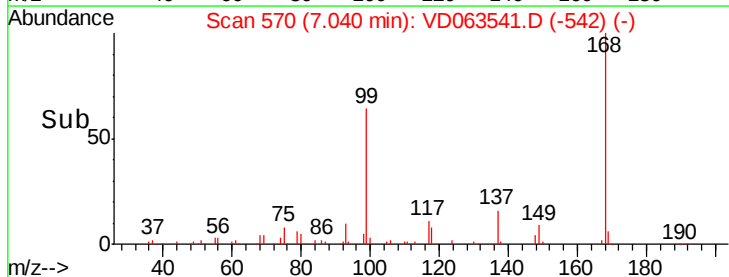
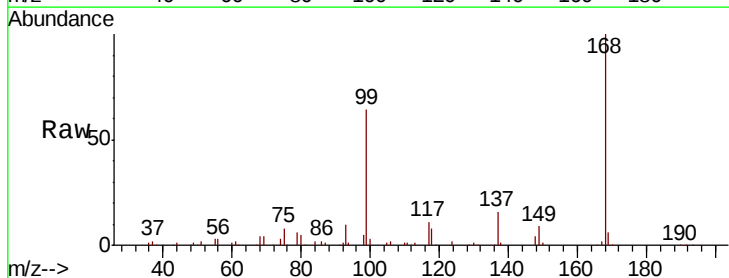
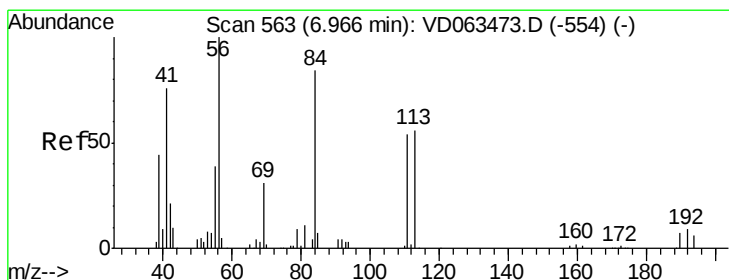
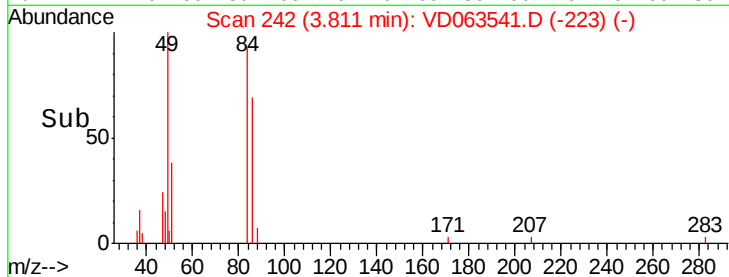
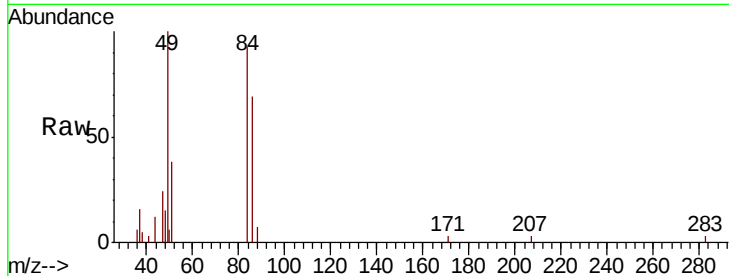
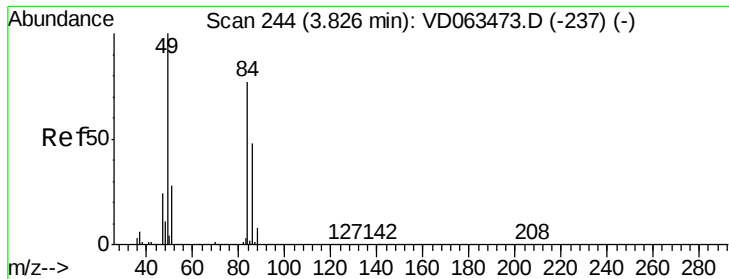
500

0

3.15 3.20 3.25 3.30

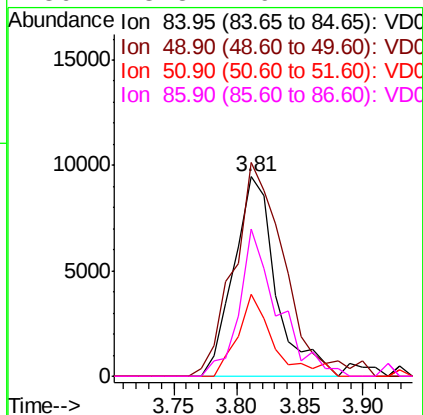
Time-->





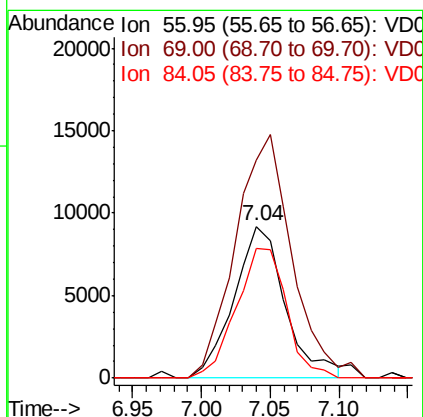
#20
Methvlene Chloride
Concen: 2.414 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

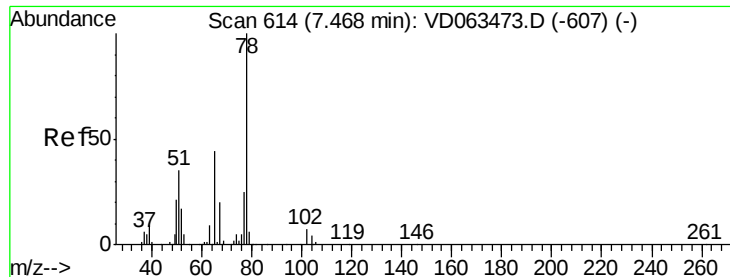
Tot Ion	84	Resp	21838
Ion Ratio	Lower	Upper	
84	100		
49	107.1	103.4	155.2
51	41.1	28.5	42.7
86	73.8	49.4	74.2



#31
Cyclohexane
Concen: 2.576 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Tgt Ion	56	Resp	23934
Ion Ratio	Lower	Upper	
56	100		
69	143.5	25.0	37.6#
84	85.7	69.7	104.5

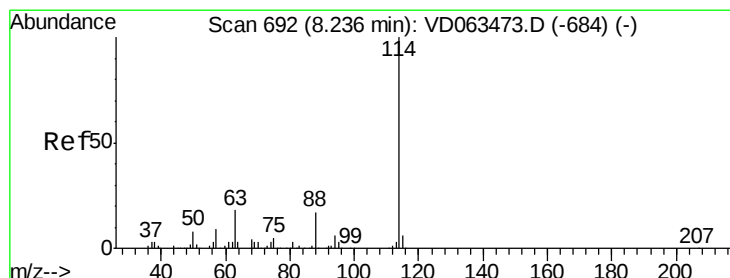
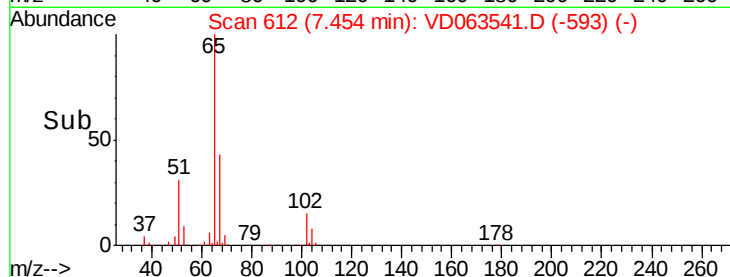
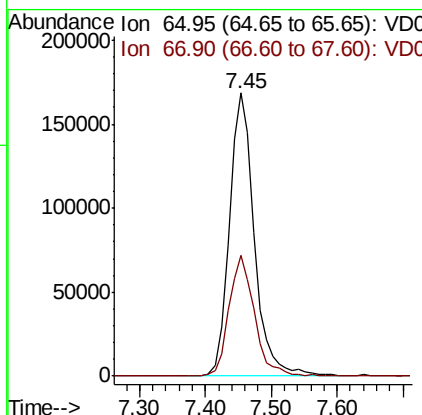
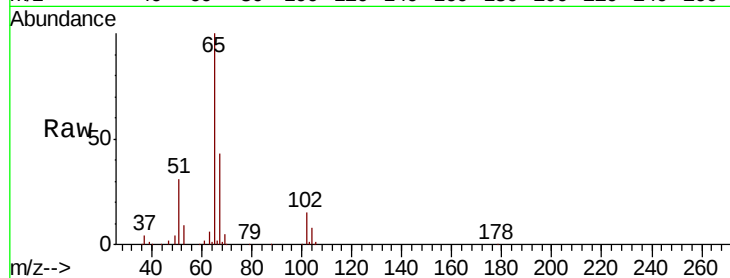




#33
 1,2-Dichloroethane-d4
 Concen: 43.340 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD063541.D
 Acq: 13 Aug 2019 21:37

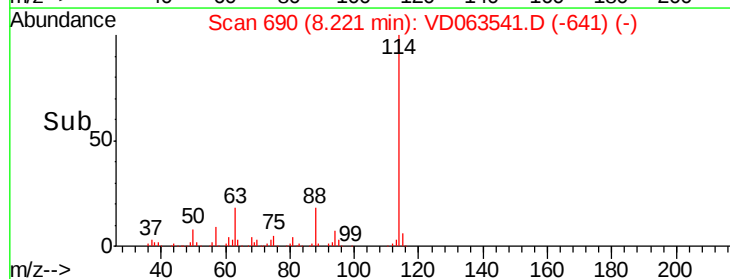
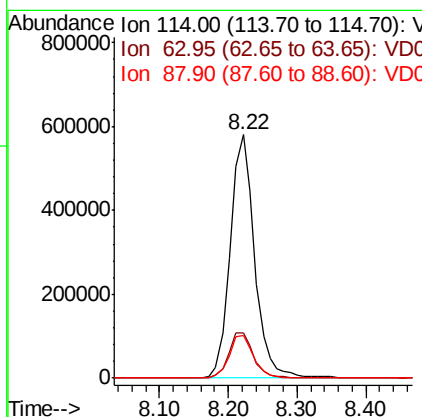
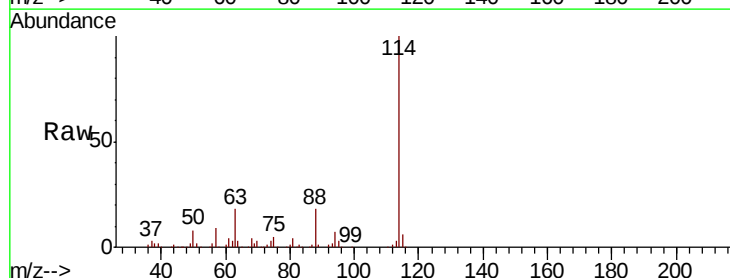
Instrument :
 MSVOA_D
 ClientSampleID :

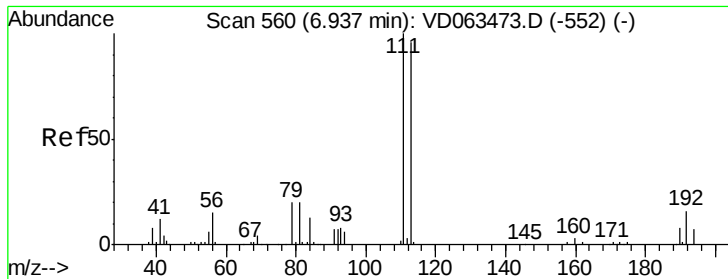
Tot Ion: 65 Resp: 445975
 Ion Ratio Lower Upper
 65 100
 67 42.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD063541.D
 Acq: 13 Aug 2019 21:37

Tgt Ion: 114 Resp: 1423694
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 17.7 0.0 35.0

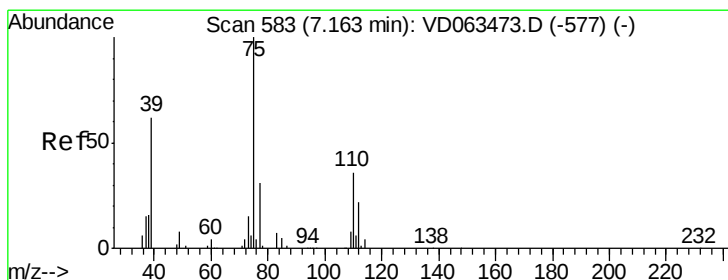
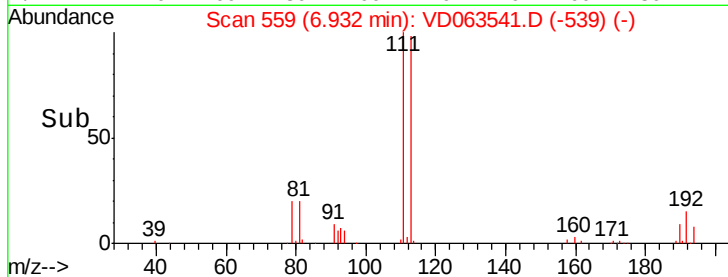
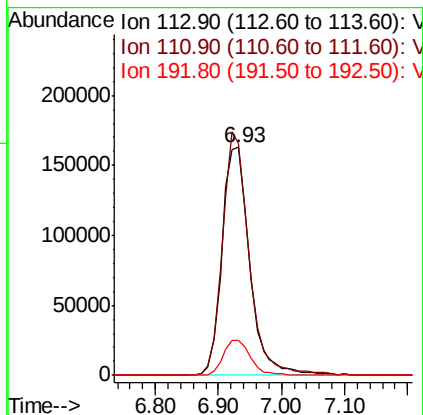
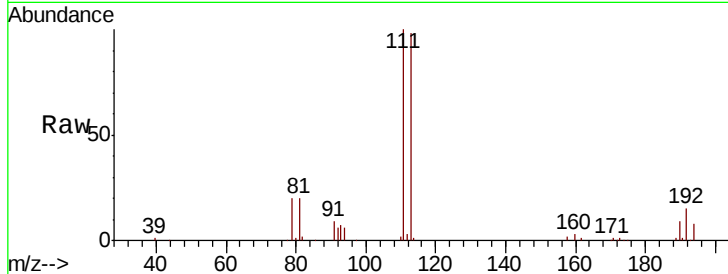




#35
 Dibromofluoromethane
 Concen: 41.525 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063541.D
 Acq: 13 Aug 2019 21:37

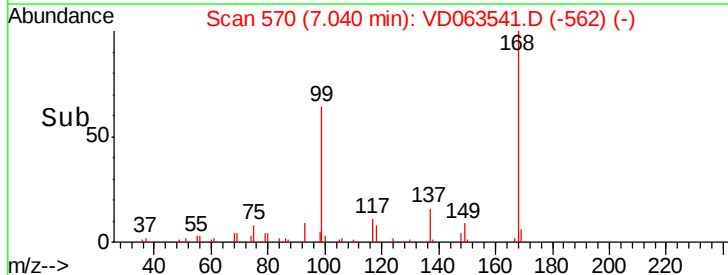
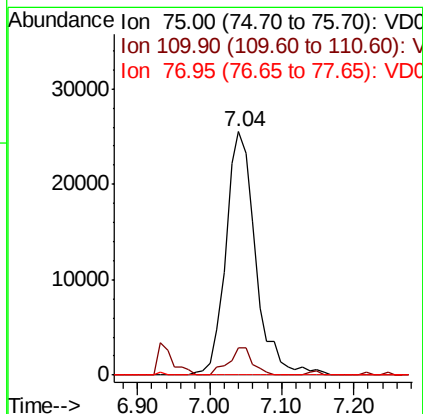
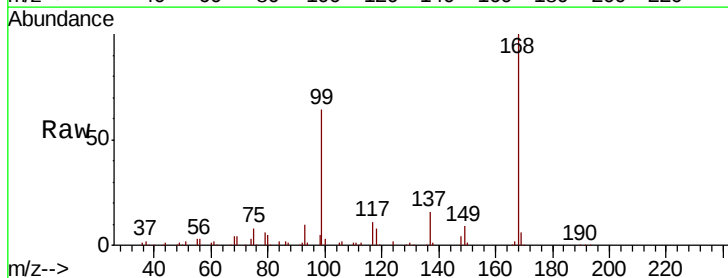
Instrument :
 MSVOA_D
 ClientSampleId :

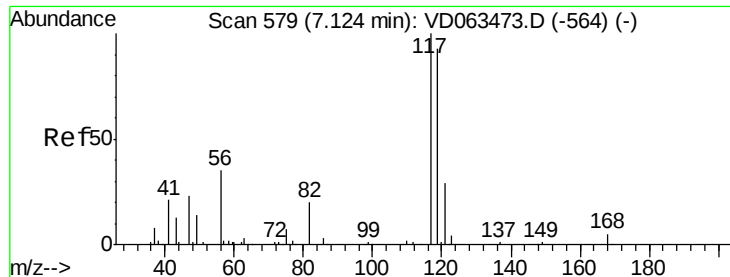
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	15.4	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.800 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.12 min
 Lab File: VD063541.D
 Acq: 13 Aug 2019 21:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.3	17.6	52.8#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 5.011 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

Instrument :

MSVOA_D

ClientSampleId :

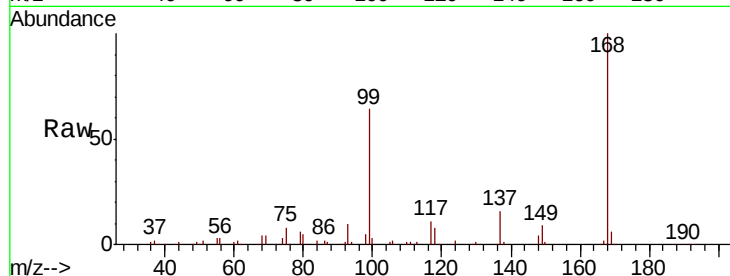
Tot Ion:117 Resp: 95050

Ion Ratio Lower Upper

117 100

119 2.6 74.2 111.2#

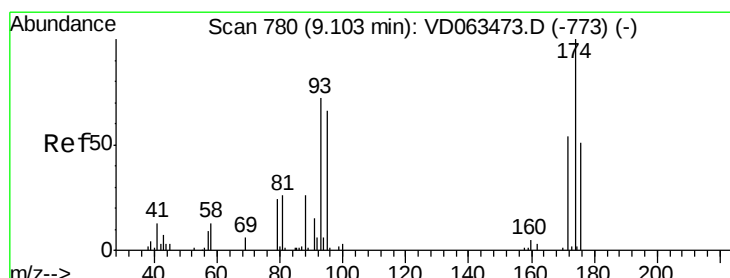
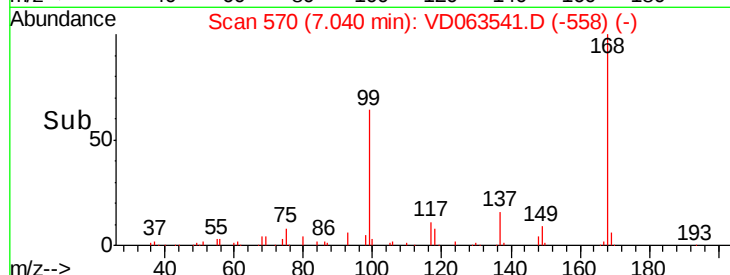
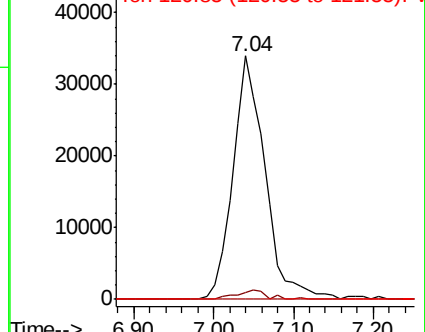
121 0.0 23.1 34.7#



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



#49

1,4-Dioxane

Concen: 31.101 ug/l

RT: 8.89 min Scan# 758

Delta R.T. -0.21 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

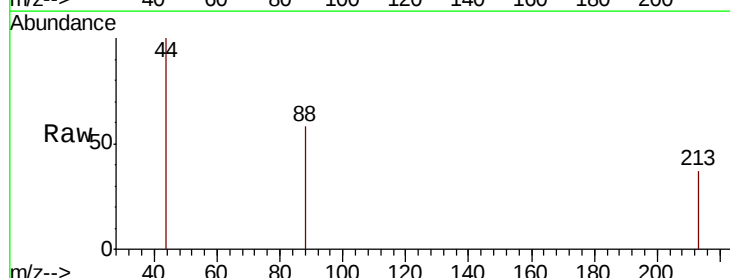
Tgt Ion: 88 Resp: 279

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

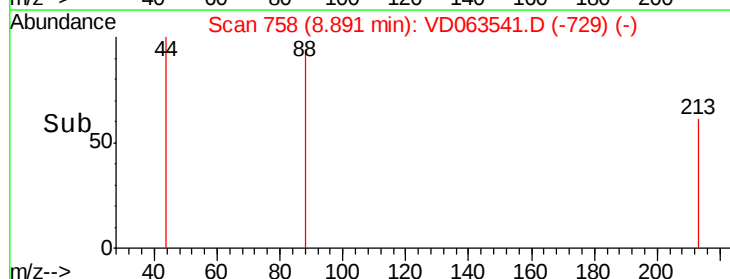
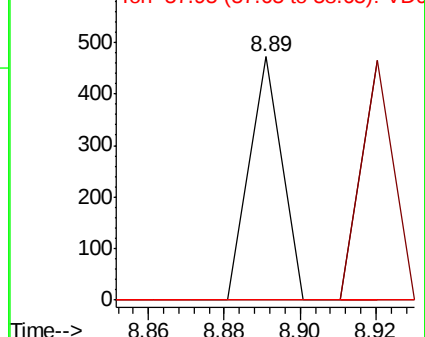
58 0.0 40.1 60.1#

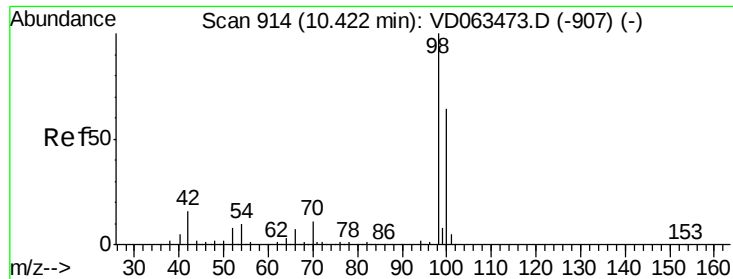


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

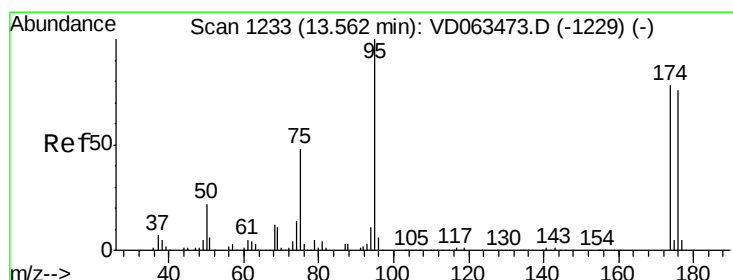
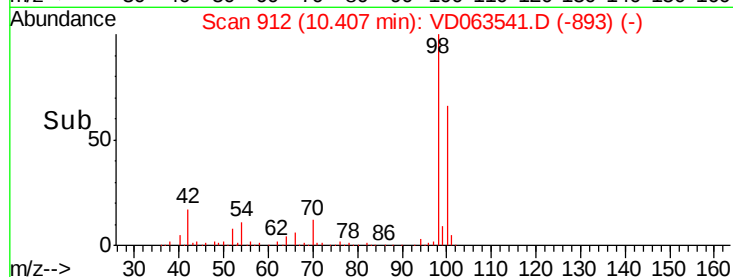
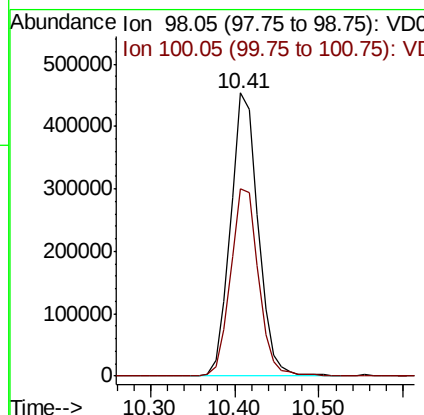
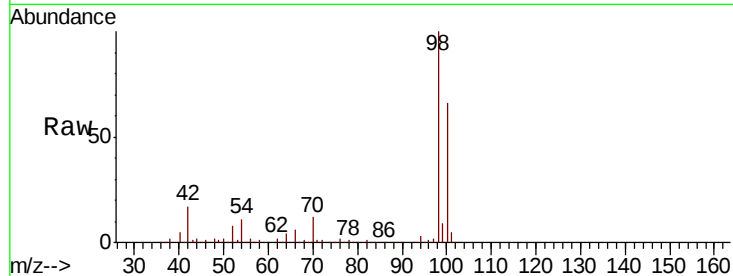




#50
Toluene-d8
Concen: 39.175 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

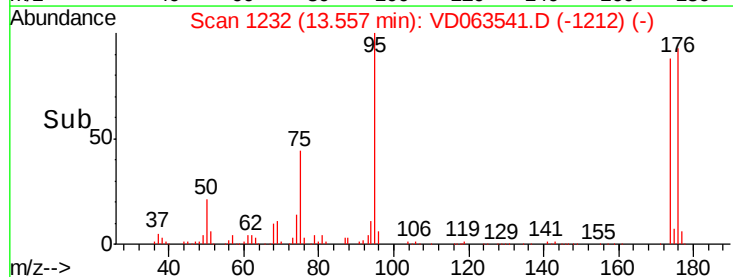
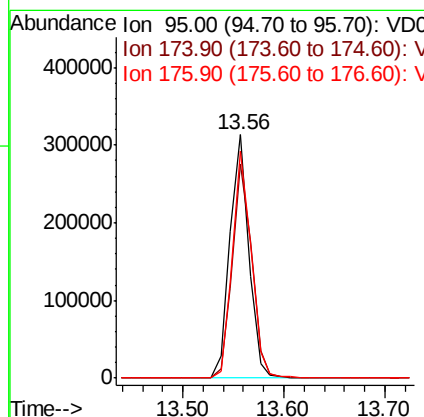
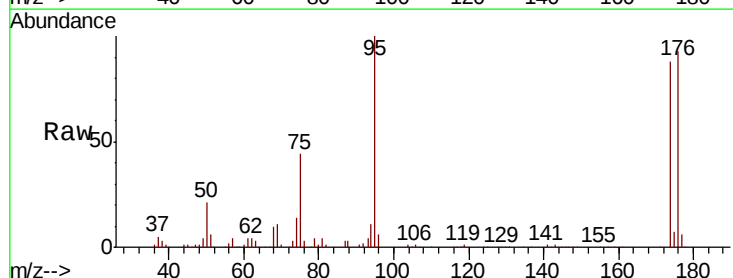
Instrument :
MSVOA_D
ClientSampled :

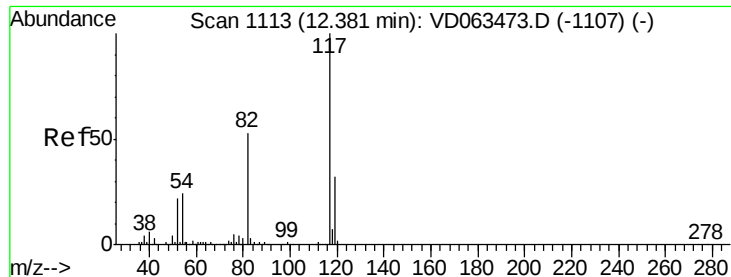
Tot Ion: 98 Resp: 1032713
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.023 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Tgt Ion: 95 Resp: 406510
Ion Ratio Lower Upper
95 100
174 87.7 0.0 155.4
176 93.3 0.0 152.4

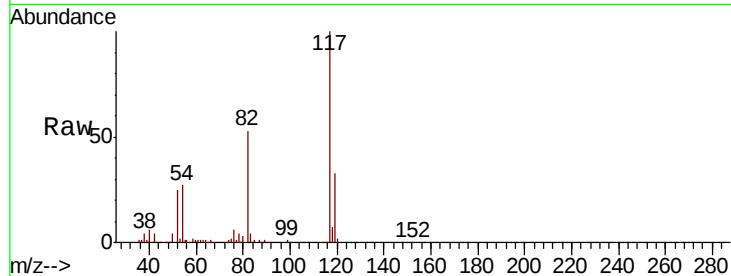




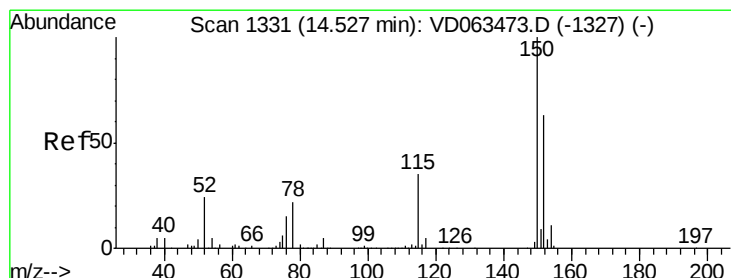
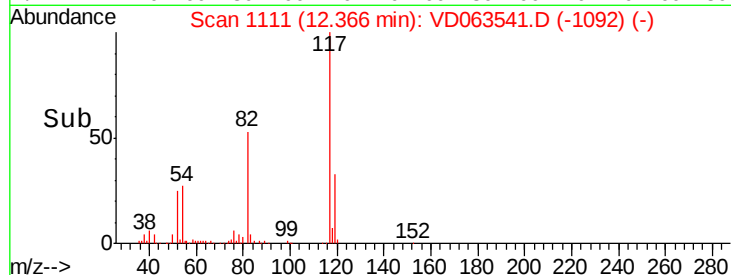
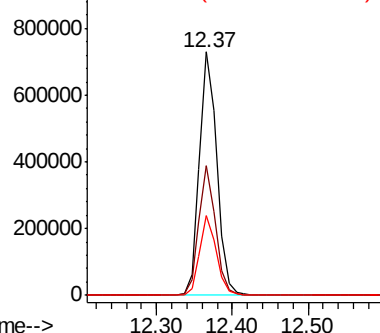
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1163570
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.6 25.4 38.0

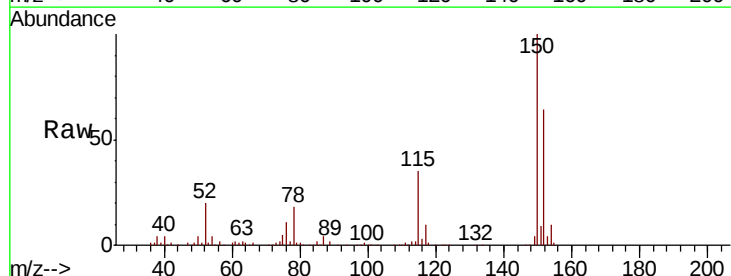


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

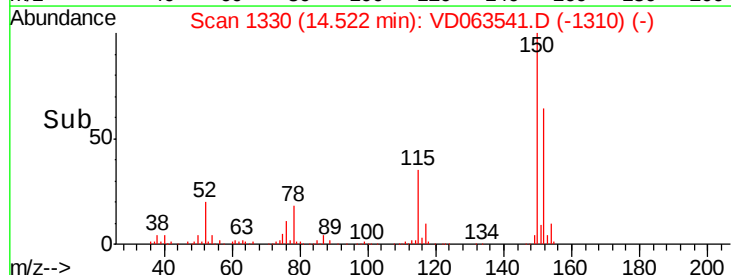
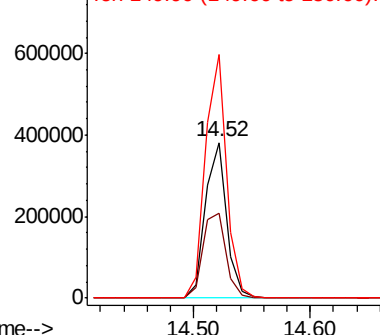


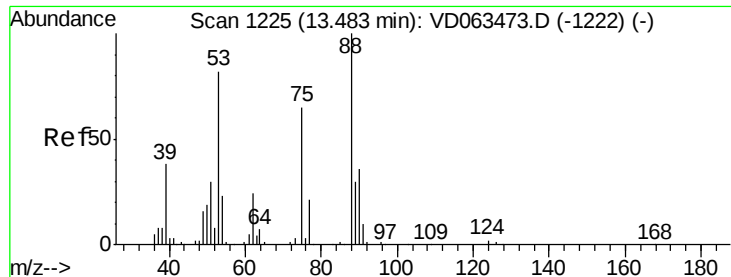
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Tgt Ion:152 Resp: 484615
Ion Ratio Lower Upper
152 100
115 54.7 30.9 92.7
150 156.5 0.0 318.6



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: 123.644 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 184830

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

