

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063539.D
 Acq On : 13 Aug 2019 20:43
 Operator : JC/SY
 Sample : K4321-01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:30:37 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	7.04	168	964537	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1473636	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1178051	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	601408	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	480572	46.61	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	93.22%	
35) Dibromofluoromethane	6.93	113	528931	42.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	85.24%	
50) Toluene-d8	10.41	98	1103543	40.44	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	13.55	95	510762	41.30	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	82.60%	

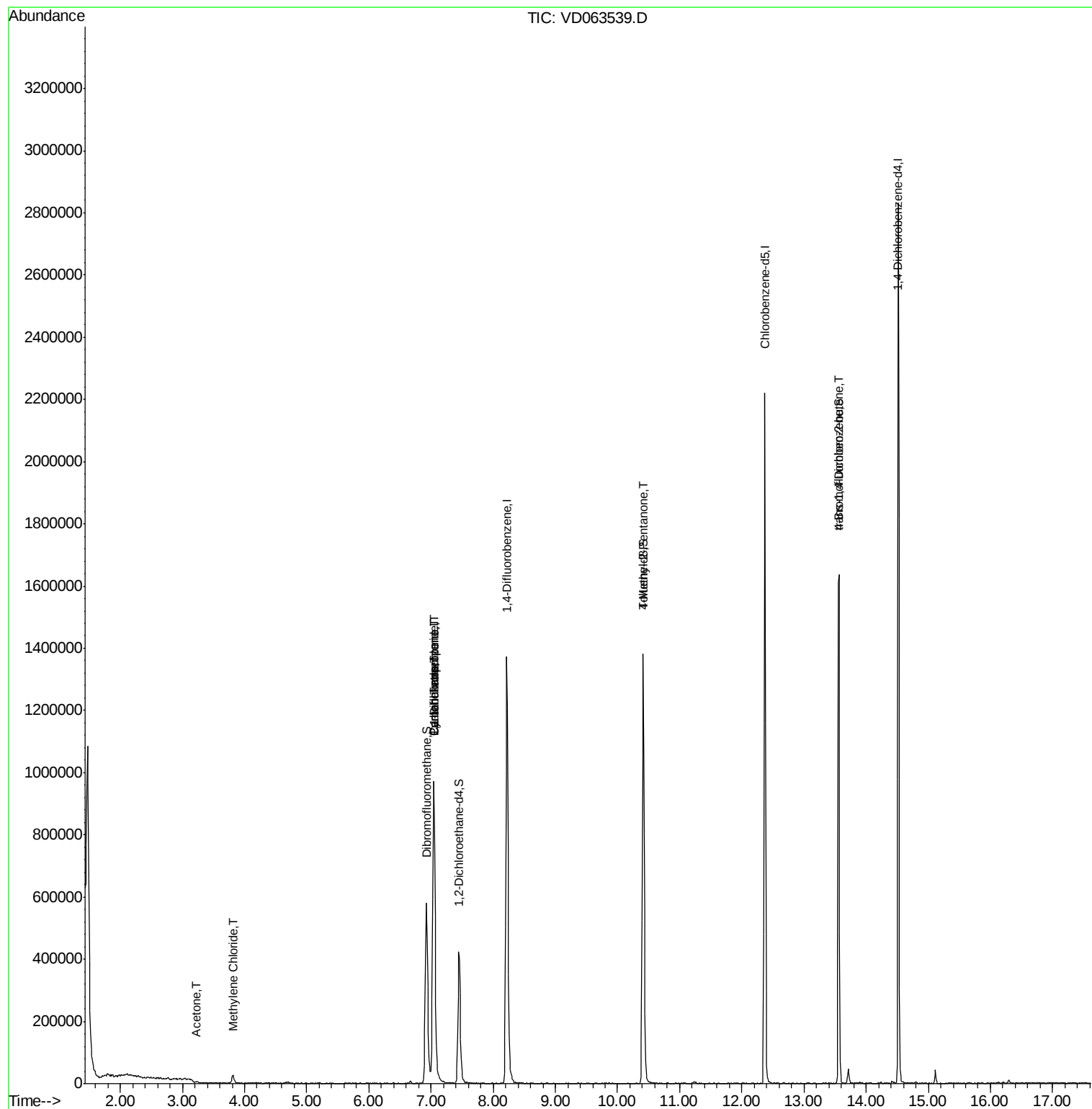
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	5934	2.831	ug/l #	65
20) Methylene Chloride	3.81	84	16365	1.806	ug/l #	70
31) Cyclohexane	7.04	56	20131	2.162	ug/l #	32
36) 1,1-Dichloropropene	7.04	75	75157	5.769	ug/l #	52
38) Carbon Tetrachloride	7.04	117	92870	4.730	ug/l #	17
51) 4-Methyl-2-Pentanone	10.40	43	7110	1.421	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	224487	121.009	ug/l #	1

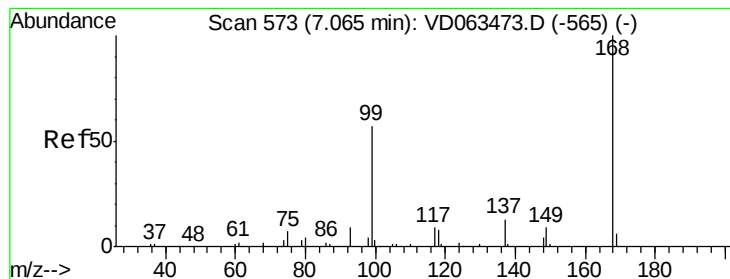
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063539.D
Acq On : 13 Aug 2019 20:43
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:30:37 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: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063539.D

Acq: 13 Aug 2019 20:43

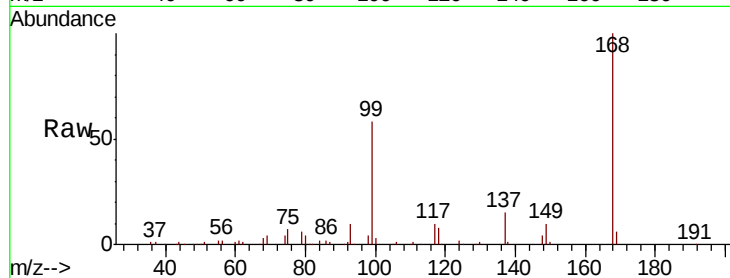
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 964537

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

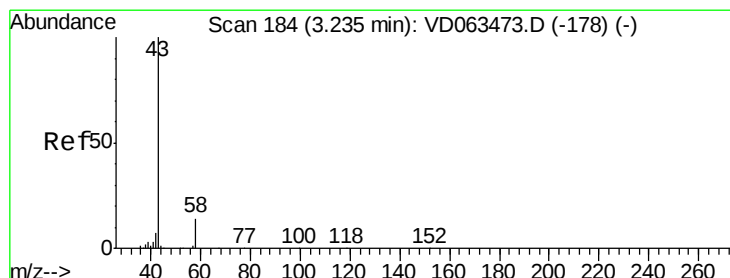
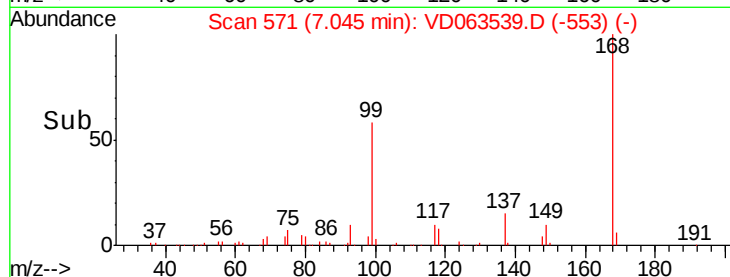
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.831 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063539.D

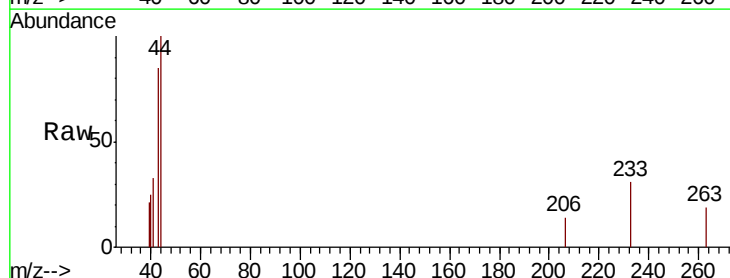
Acq: 13 Aug 2019 20:43

Tgt Ion: 43 Resp: 5934

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

3.23

2000

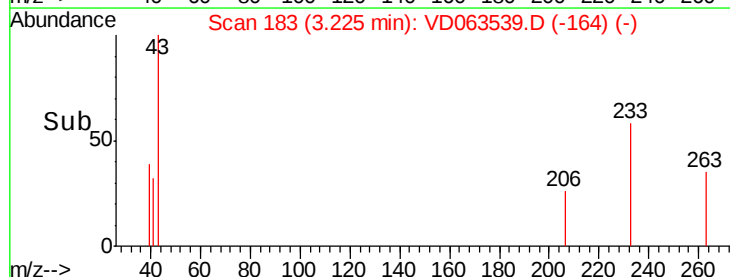
1500

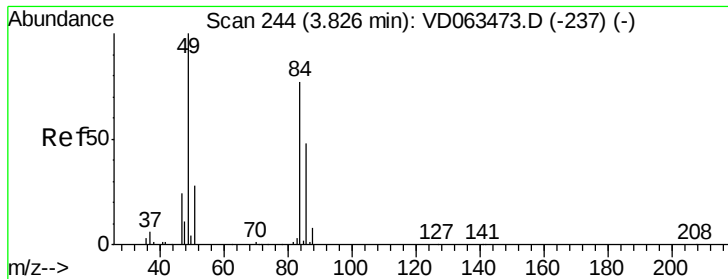
1000

500

0

Time-->

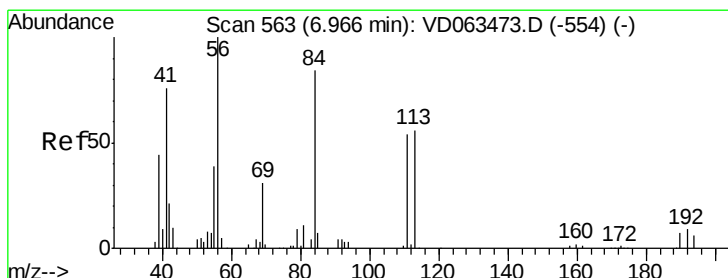
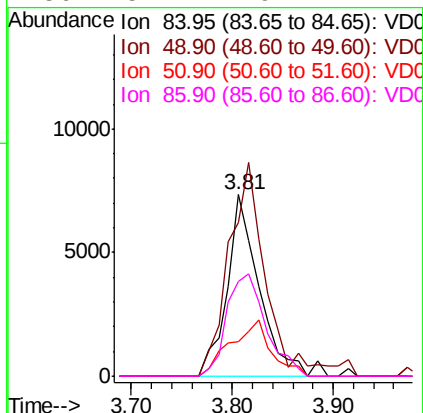
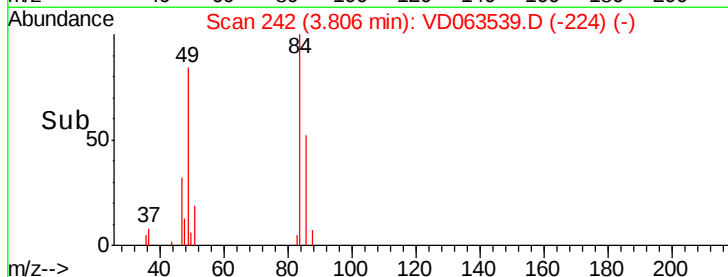
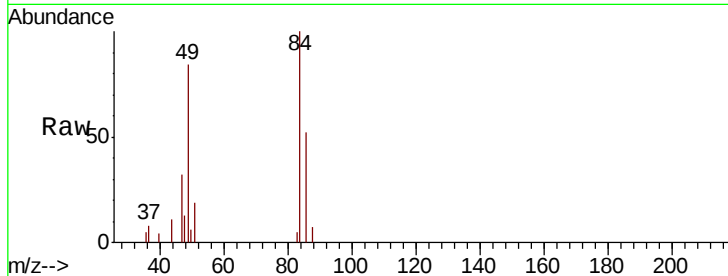




#20
Methylene Chloride
Concen: 1.806 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

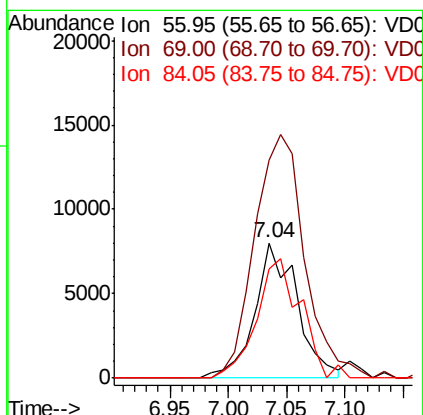
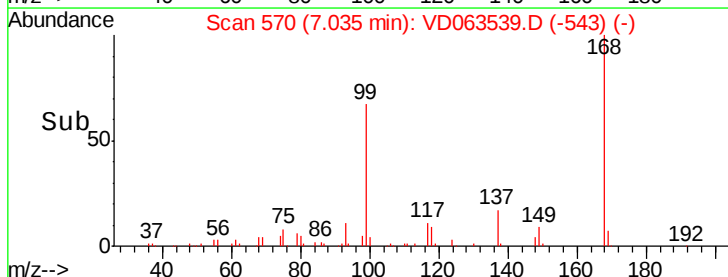
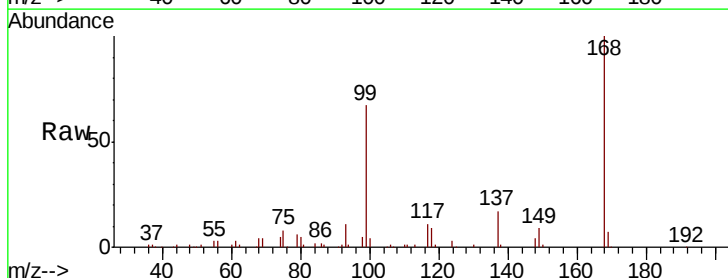
Instrument :
MSVOA_D
ClientSampled :

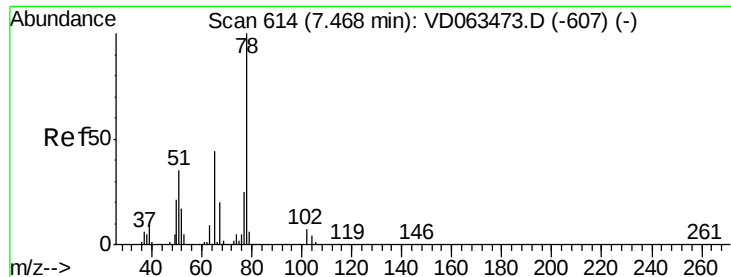
Tot Ion	Ratio	Lower	Upper
84	100		
49	84.5	103.4	155.2#
51	19.0	28.5	42.7#
86	52.4	49.4	74.2



#31
Cyclohexane
Concen: 2.162 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
56	100		
69	161.9	25.0	37.6#
84	80.8	69.7	104.5

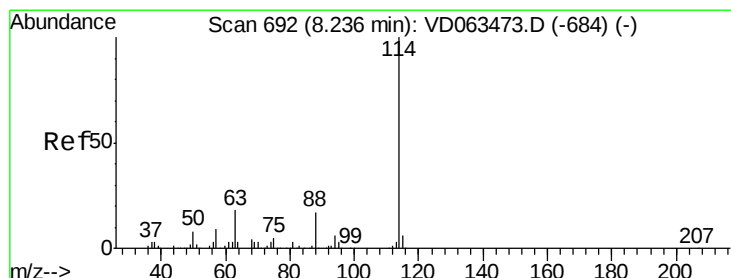
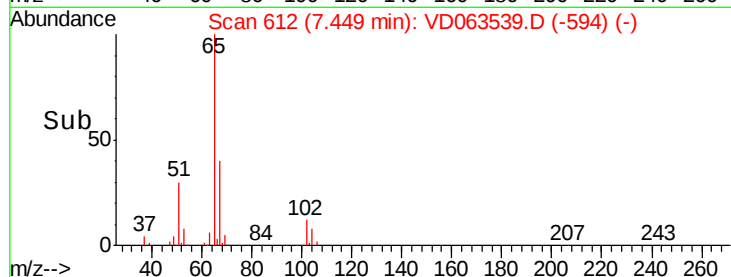
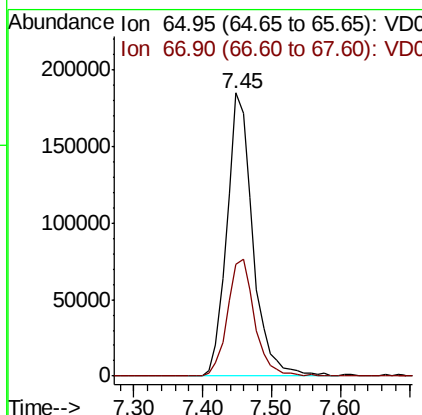
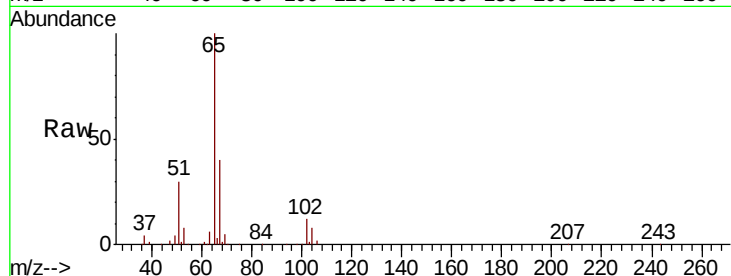




#33
 1,2-Dichloroethane-d4
 Concen: 46.612 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063539.D
 Acq: 13 Aug 2019 20:43

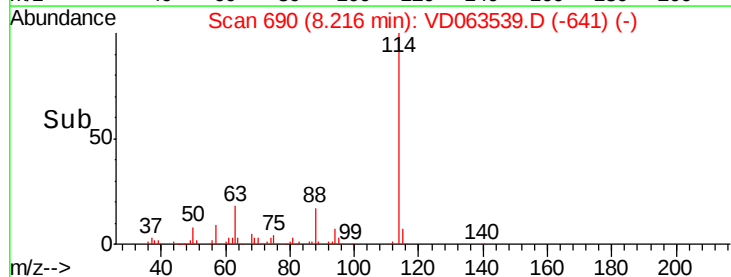
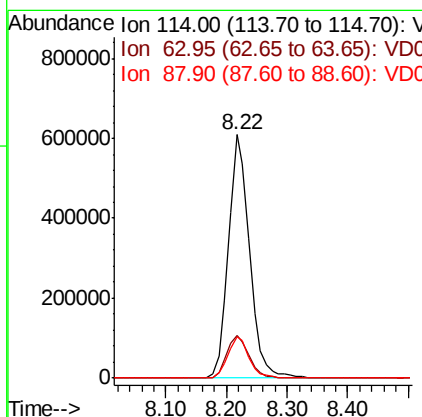
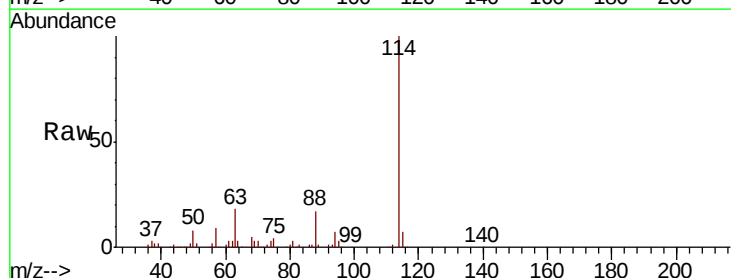
Instrument :
 MSVOA_D
 ClientSampled :

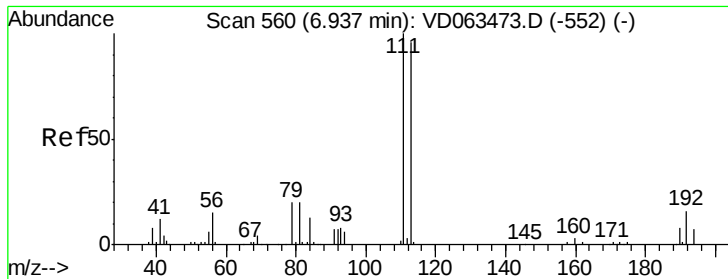
Tot Ion: 65 Resp: 480572
 Ion Ratio Lower Upper
 65 100
 67 39.7 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063539.D
 Acq: 13 Aug 2019 20:43

Tgt Ion: 114 Resp: 1473636
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 17.0 0.0 35.0

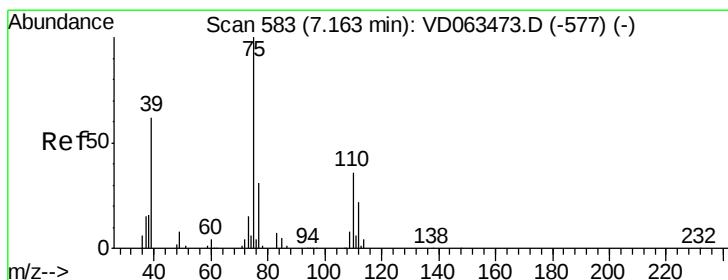
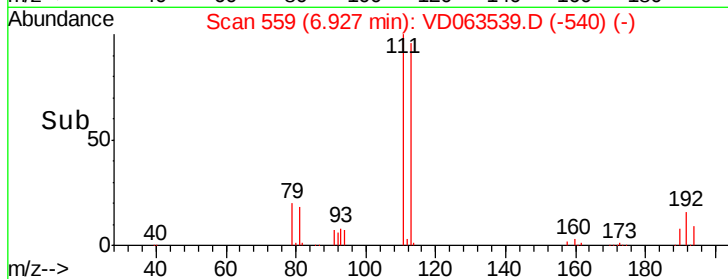
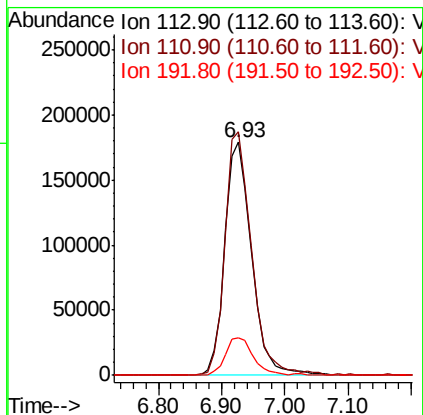
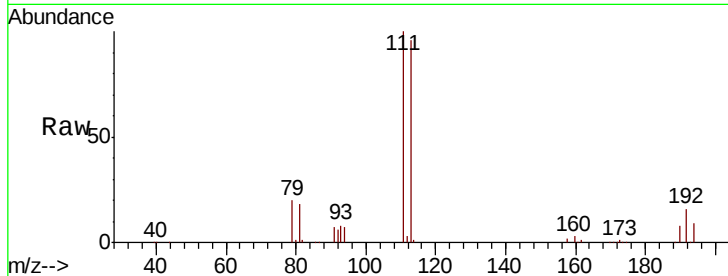




#35
 Dibromofluoromethane
 Concen: 42.618 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063539.D
 Acq: 13 Aug 2019 20:43

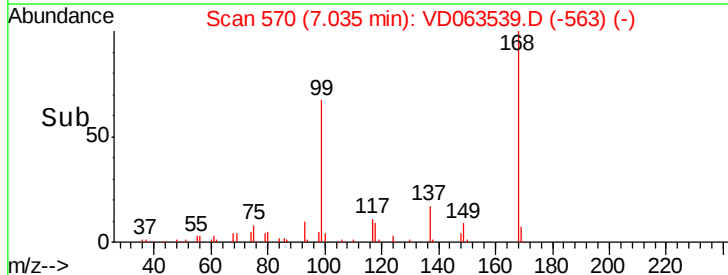
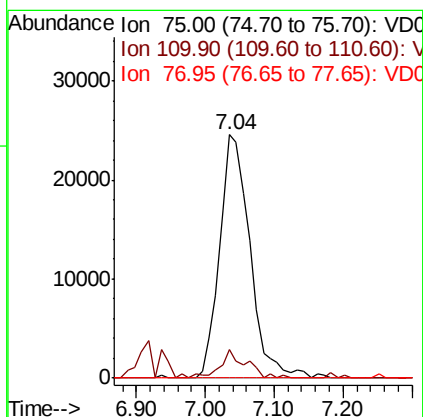
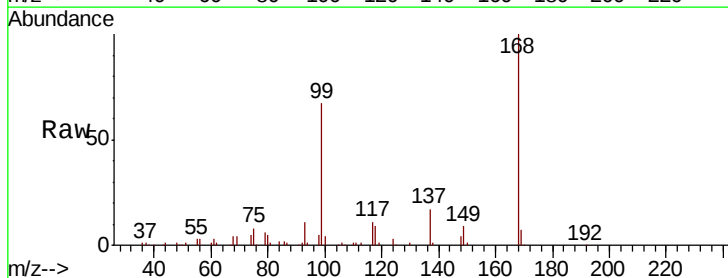
Instrument :
 MSVOA_D
 ClientSampleId :

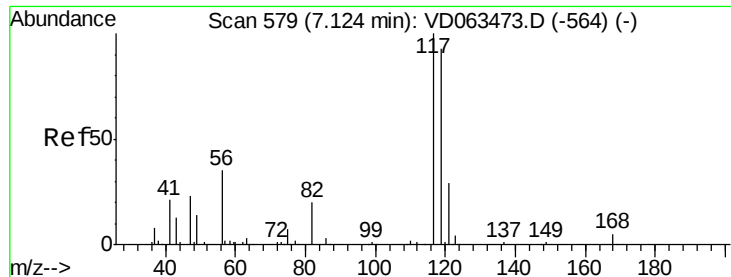
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.1	124.7
192	16.3	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.769 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063539.D
 Acq: 13 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.7	17.6	52.8#
77	0.0	24.3	36.5#

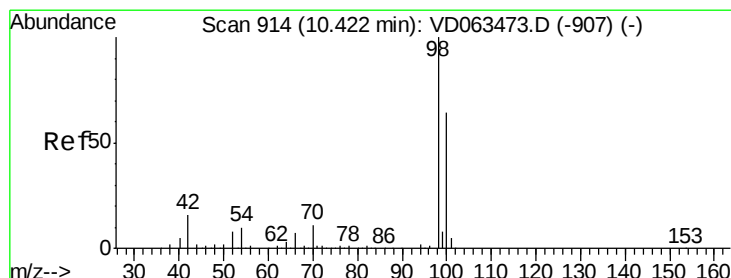
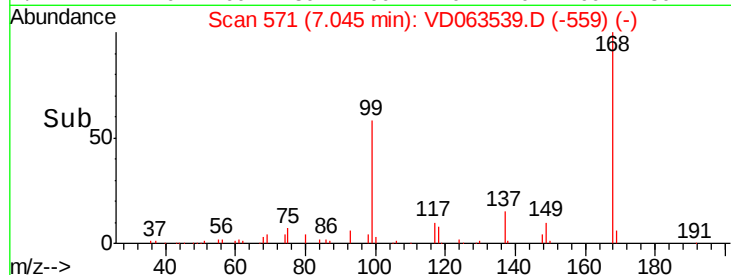
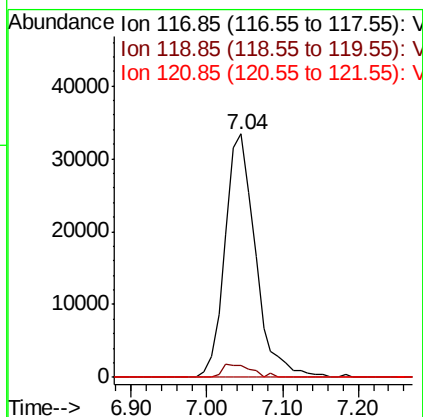
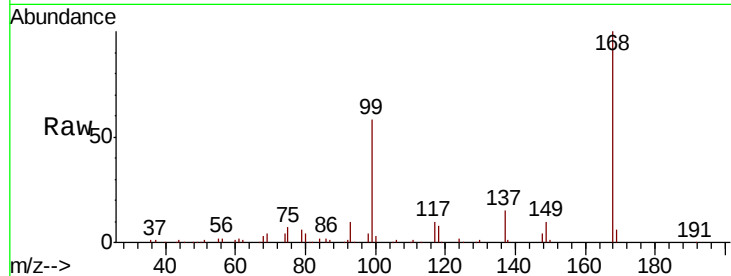




#38
Carbon Tetrachloride
Concen: 4.730 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

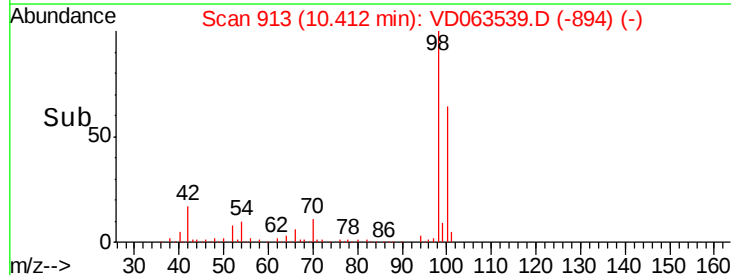
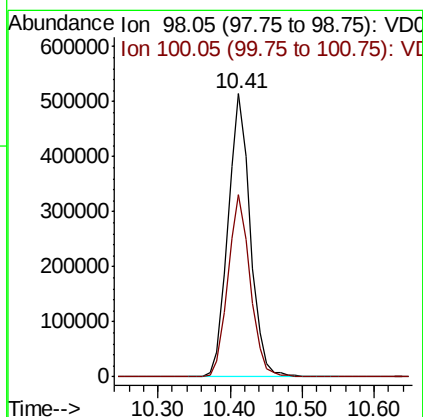
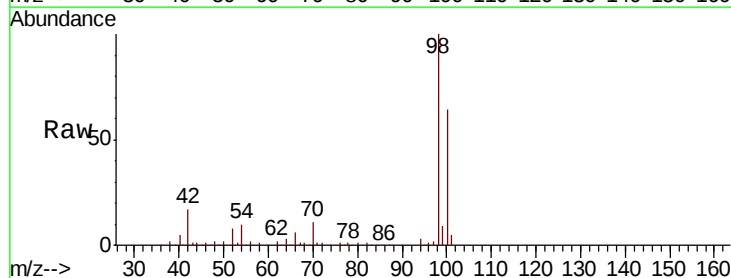
Instrument :
MSVOA_D
ClientSampleId :

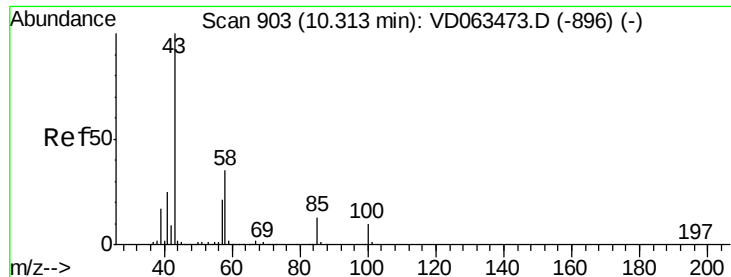
Tot Ion:117 Resp: 92870
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.2#
121 0.0 23.1 34.7#



#50
Toluene-d8
Concen: 40.443 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

Tgt Ion: 98 Resp: 1103543
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.421 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.09 min

Lab File: VD063539.D

Acq: 13 Aug 2019 20:43

Instrument :

MSVOA_D

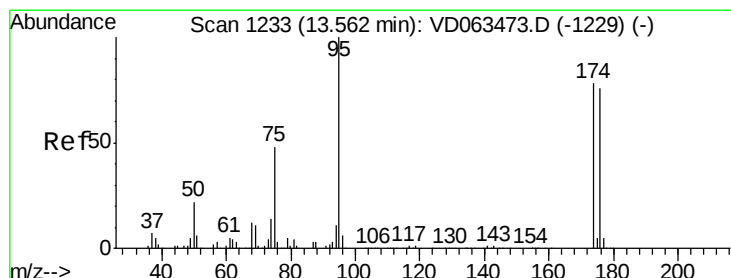
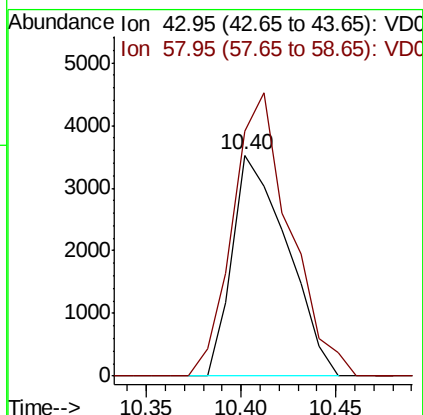
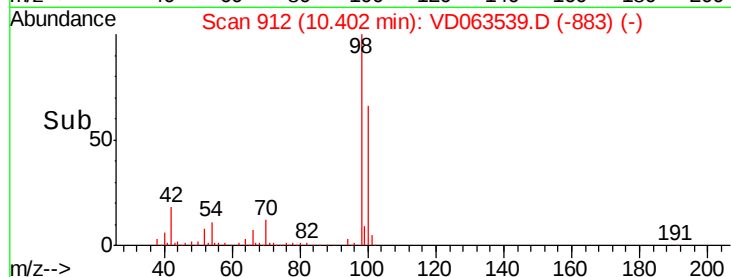
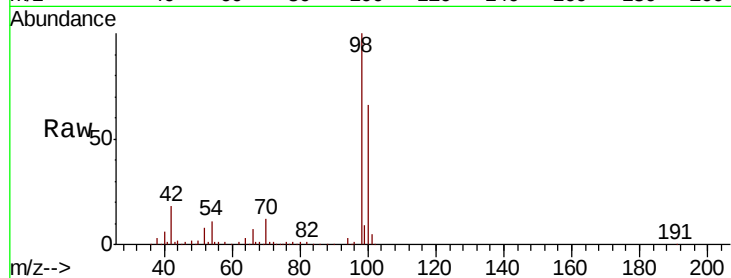
ClientSampled :

Tot Ion: 43 Resp: 7110

Ion Ratio Lower Upper

43 100

58 110.7 28.0 42.0#



#62

4-Bromofluorobenzene

Concen: 41.299 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063539.D

Acq: 13 Aug 2019 20:43

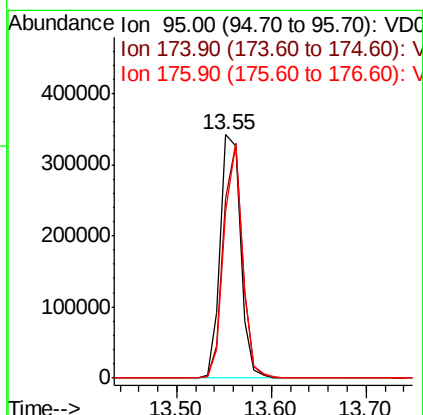
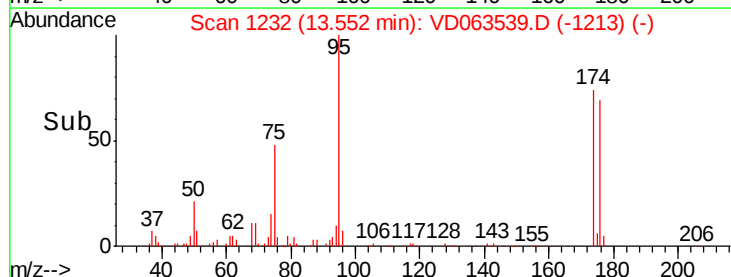
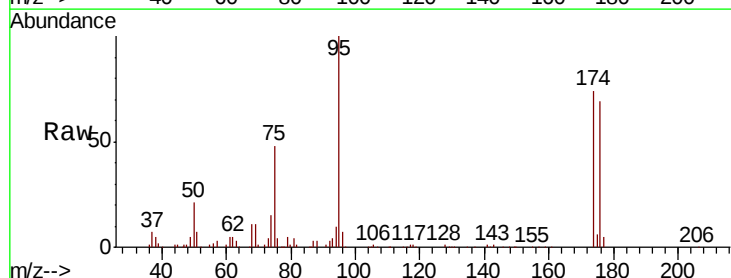
Tgt Ion: 95 Resp: 510762

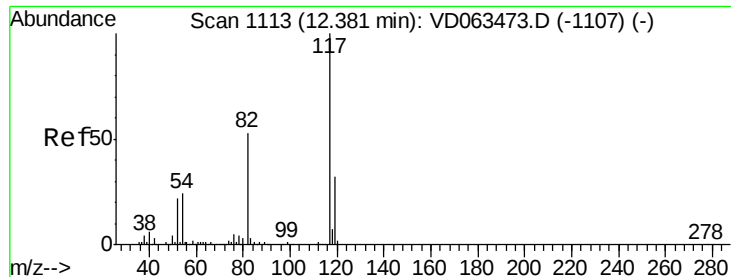
Ion Ratio Lower Upper

95 100

174 73.6 0.0 155.4

176 68.7 0.0 152.4

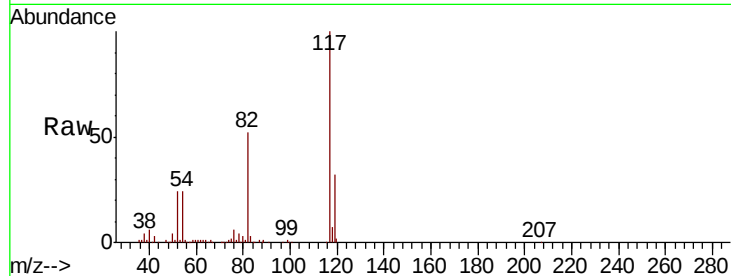




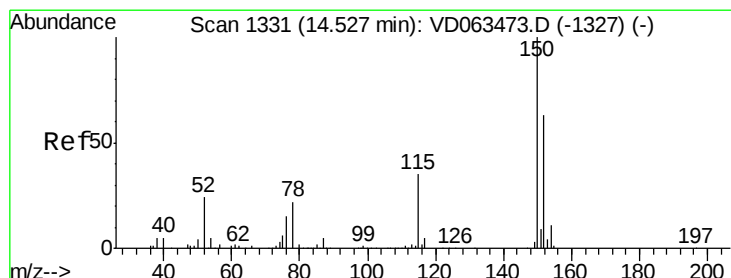
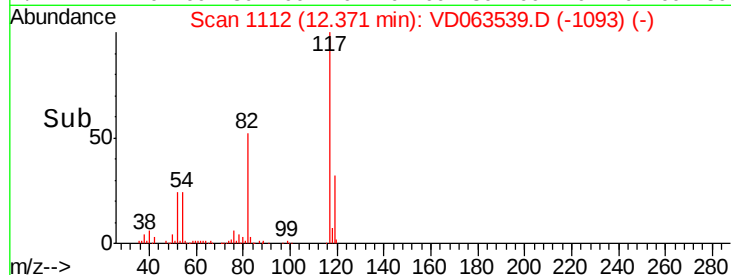
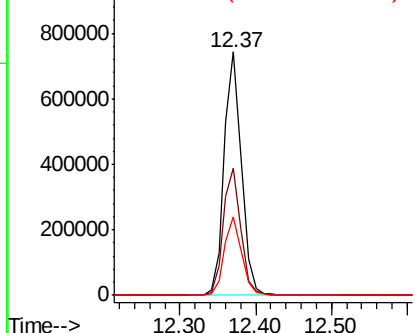
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1178051
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.3 25.4 38.0

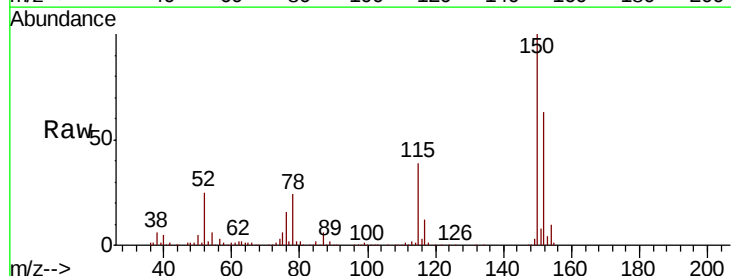


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

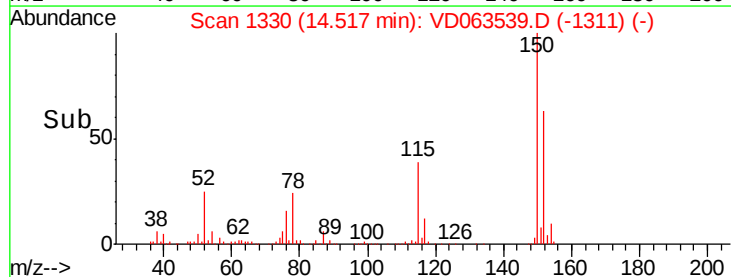
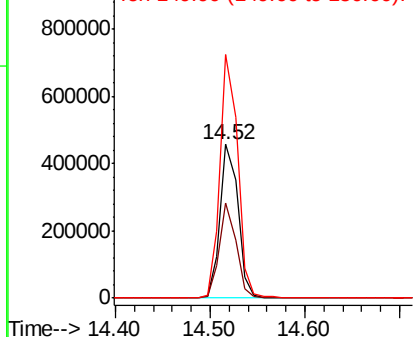


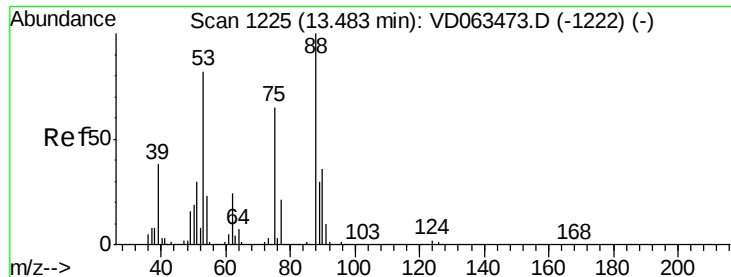
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063539.D
Acq: 13 Aug 2019 20:43

Tgt Ion:152 Resp: 601408
Ion Ratio Lower Upper
152 100
115 62.1 30.9 92.7
150 158.3 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: 121.009 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063539.D

Acq: 13 Aug 2019 20:43

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 224487

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

