

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063531.D
 Acq On : 13 Aug 2019 17:04
 Operator : JC/SY
 Sample : K4295-05
 Misc : 4.70µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:29:03 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	1160301	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	1573968	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1342407	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	633641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	468747	37.79	ug/l	-0.01
Spiked Amount			Recovery	=	75.58%	
35) Dibromofluoromethane	6.93	113	544794	41.10	ug/l	-0.01
Spiked Amount			Recovery	=	82.20%	
50) Toluene-d8	10.41	98	1123708	38.56	ug/l	-0.01
Spiked Amount			Recovery	=	77.12%	
62) 4-Bromofluorobenzene	13.56	95	471858	35.72	ug/l	0.00
Spiked Amount			Recovery	=	71.44%	

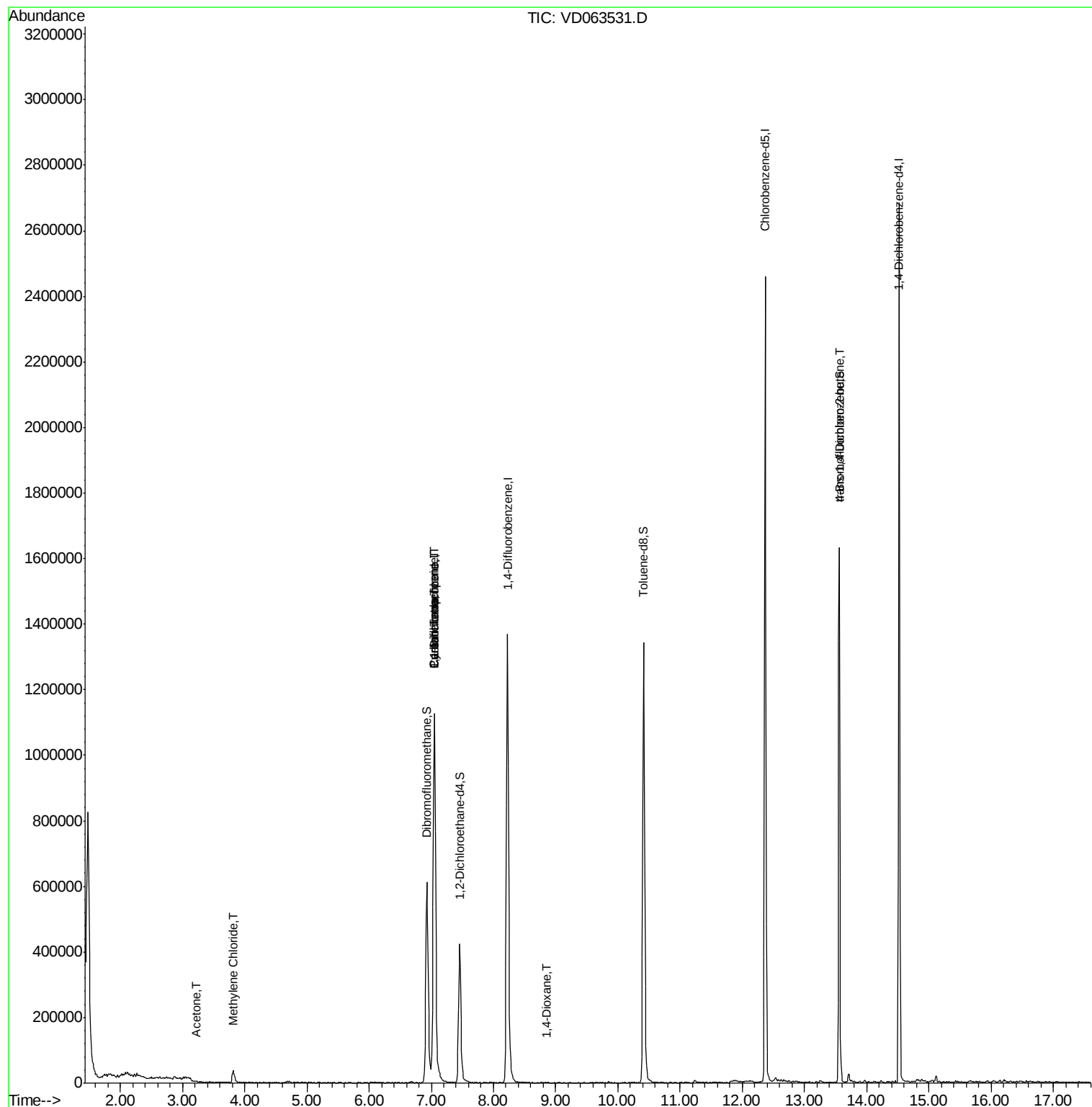
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	4685	1.858	ug/l #	72
20) Methylene Chloride	3.82	84	25283	2.319	ug/l #	69
31) Cyclohexane	7.04	56	23834	2.128	ug/l #	7
36) 1,1-Dichloropropene	7.05	75	85907	6.174	ug/l #	49
38) Carbon Tetrachloride	7.04	117	104843	5.000	ug/l #	17
49) 1,4-Dioxane	8.86	88	184	28.535	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	211676	108.299	ug/l #	1

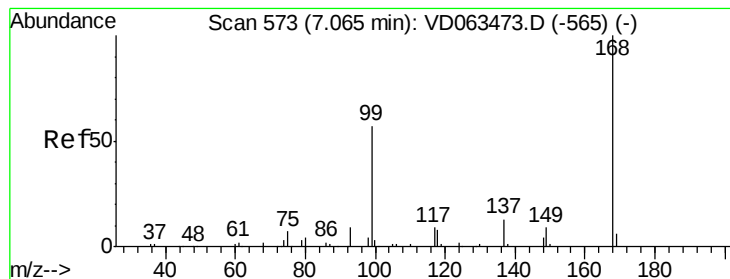
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063531.D
Acq On : 13 Aug 2019 17:04
Operator : JC/SY
Sample : K4295-05
Misc : 4.70µl/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:29:03 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# 572

Delta R.T. -0.01 min

Lab File: VD063531.D

Acq: 13 Aug 2019 17:04

Instrument :

MSVOA_D

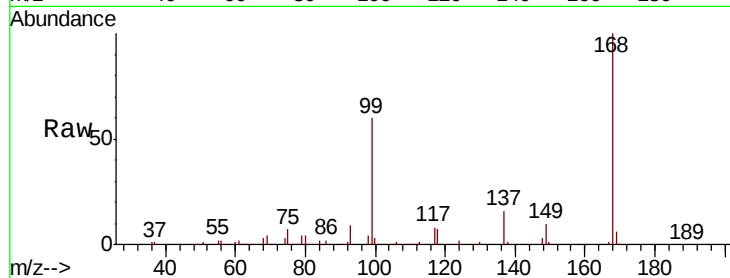
ClientSampleId :

Tot Ion:168 Resp: 1160301

Ion Ratio Lower Upper

168 100

99 60.0 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

400000

300000

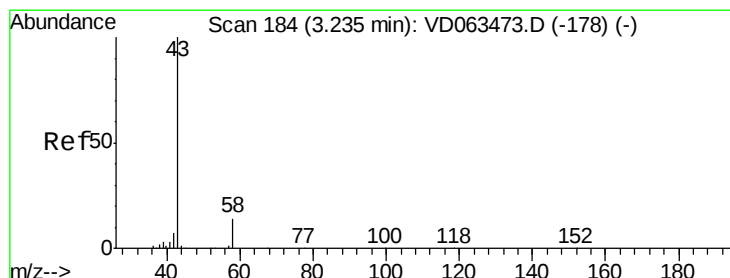
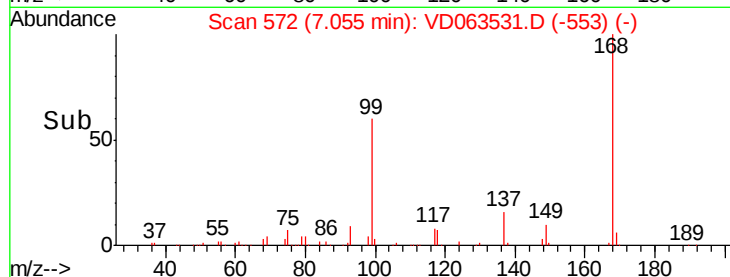
200000

100000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 1.858 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD063531.D

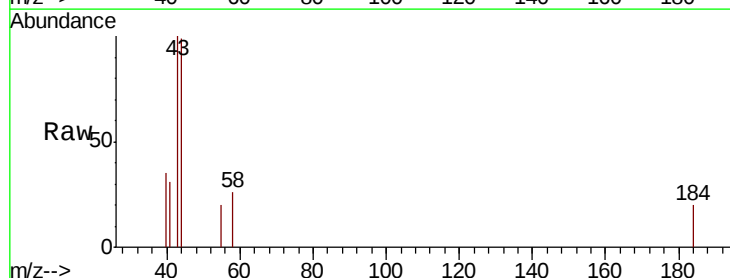
Acq: 13 Aug 2019 17:04

Tgt Ion: 43 Resp: 4685

Ion Ratio Lower Upper

43 100

58 25.8 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

1500

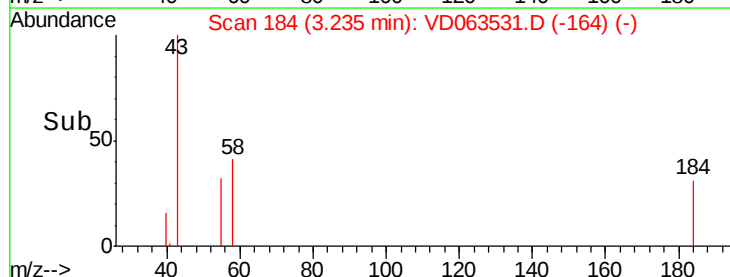
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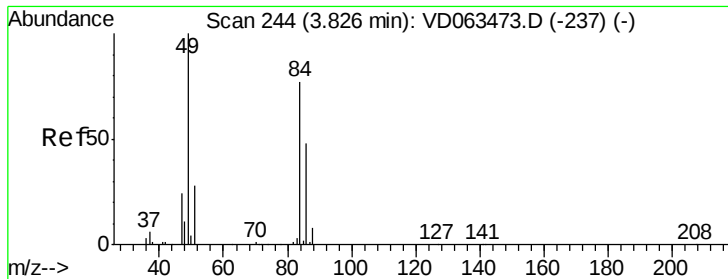
500

0

Time-->

3.15 3.20 3.25 3.30

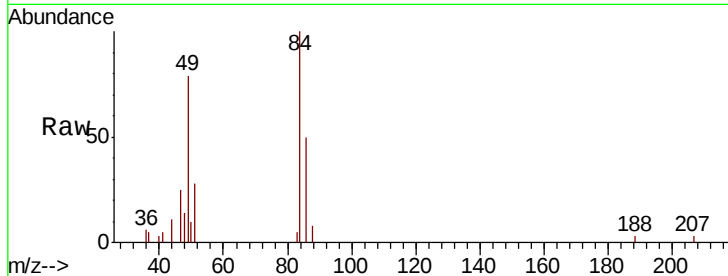




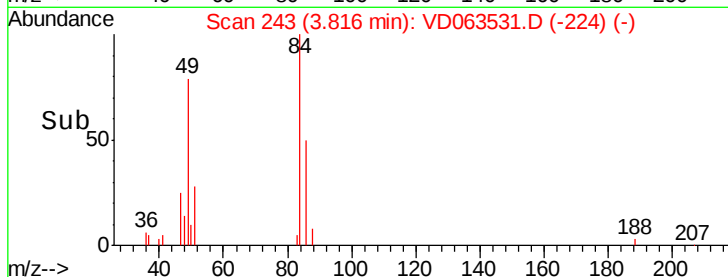
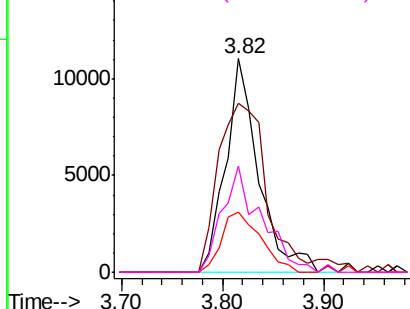
#20
Methvlene Chloride
Concen: 2.319 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 25283
Ion Ratio Lower Upper
84 100
49 78.9 103.4 155.2#
51 27.9 28.5 42.7#
86 49.7 49.4 74.2

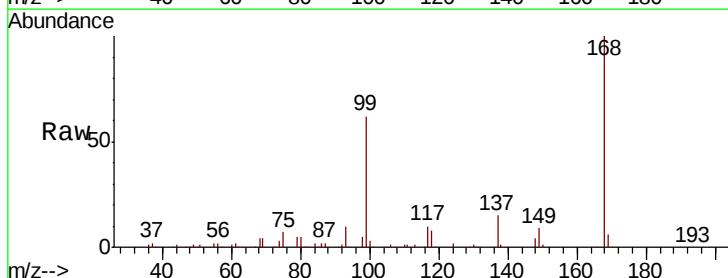
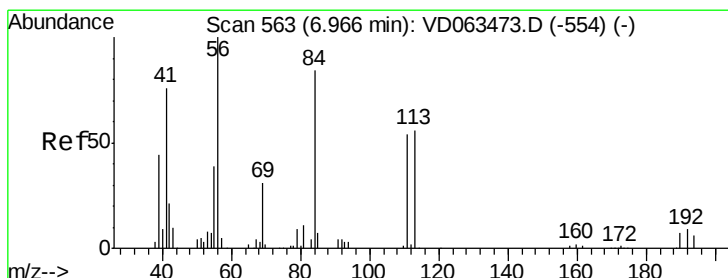


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

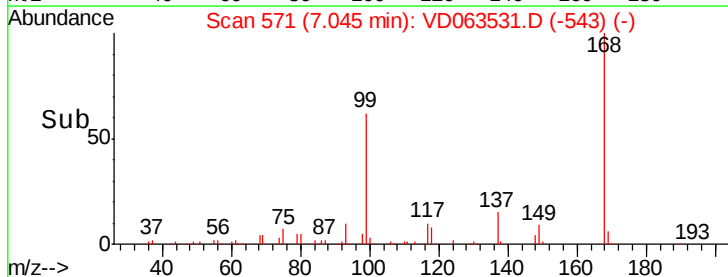
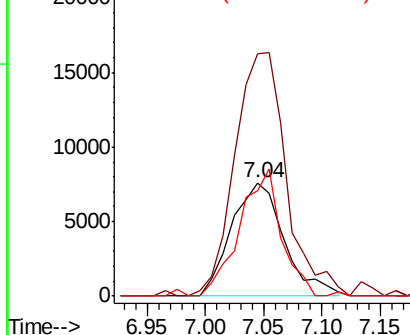


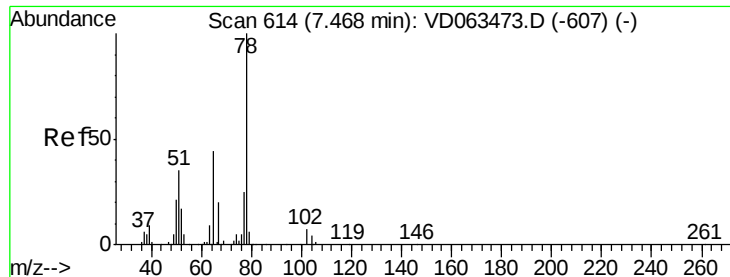
#31
Cyclohexane
Concen: 2.128 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion: 56 Resp: 23834
Ion Ratio Lower Upper
56 100
69 214.1 25.0 37.6#
84 93.8 69.7 104.5



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

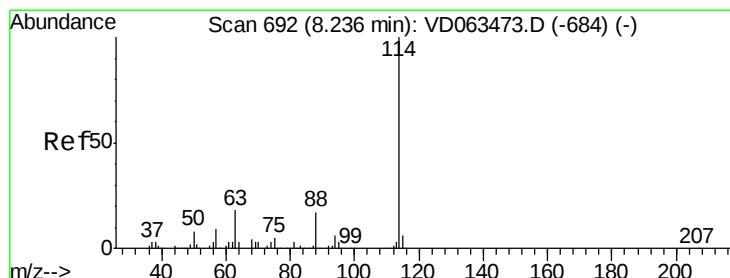
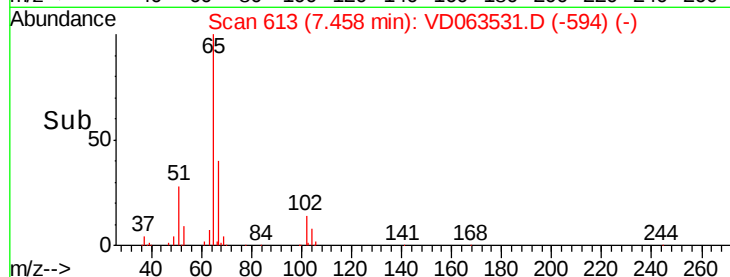
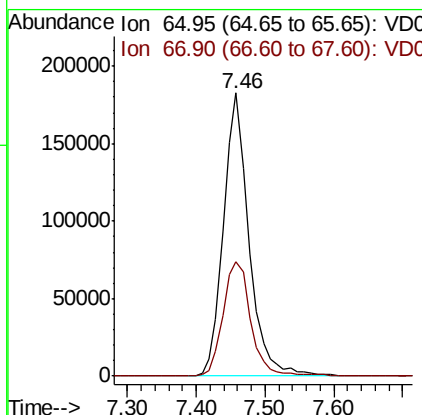
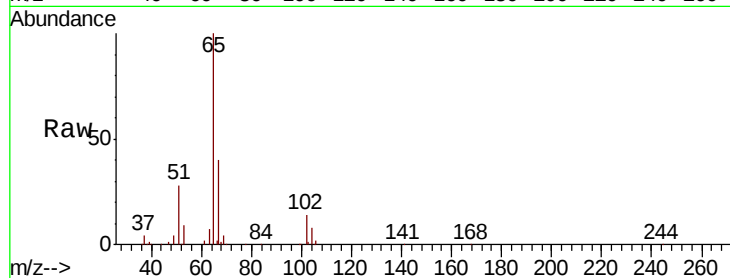




#33
 1,2-Dichloroethane-d4
 Concen: 37.794 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063531.D
 Acq: 13 Aug 2019 17:04

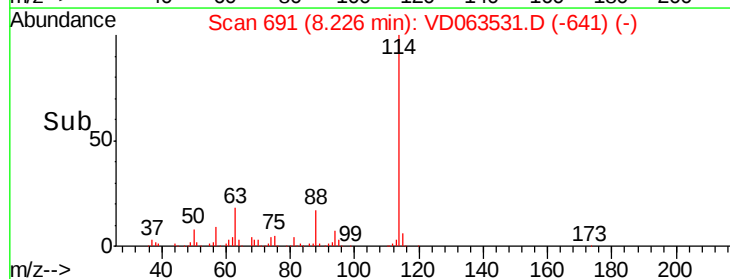
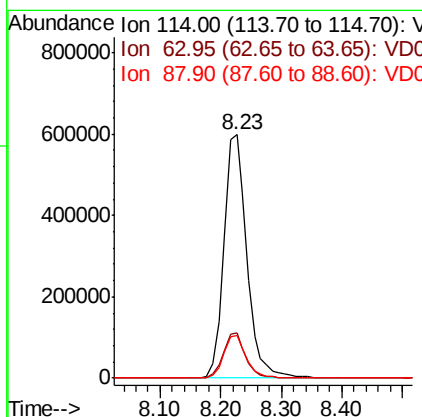
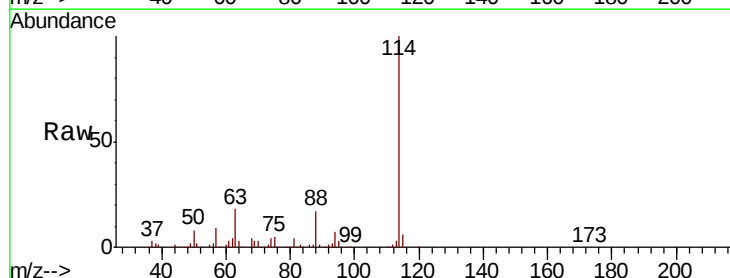
Instrument :
 MSVOA_D
 ClientSampled :

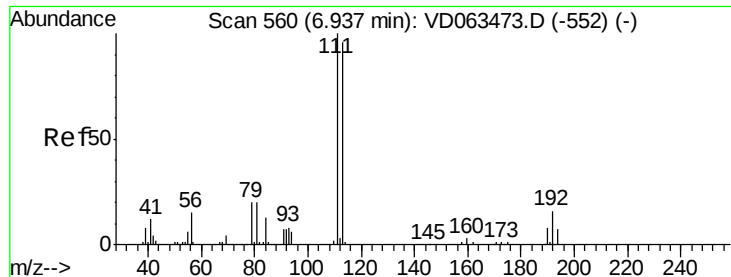
Tot Ion: 65 Resp: 468747
 Ion Ratio Lower Upper
 65 100
 67 40.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063531.D
 Acq: 13 Aug 2019 17:04

Tgt Ion: 114 Resp: 1573968
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 17.4 0.0 35.0

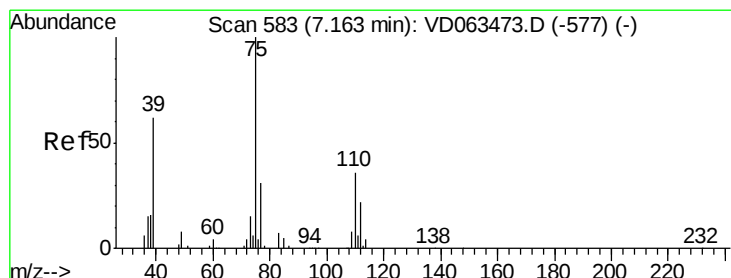
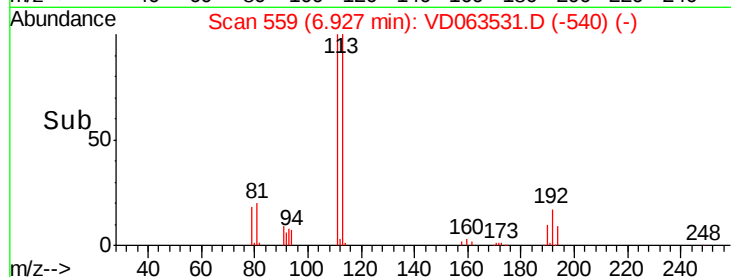
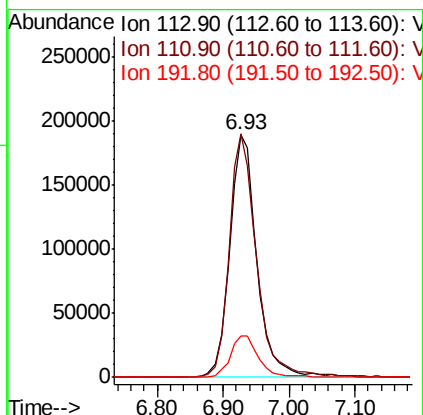
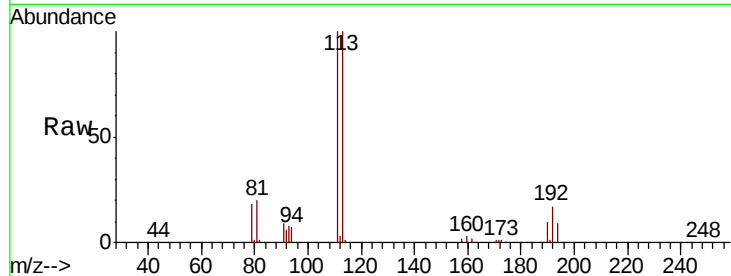




#35
 Dibromofluoromethane
 Concen: 41.098 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063531.D
 Acq: 13 Aug 2019 17:04

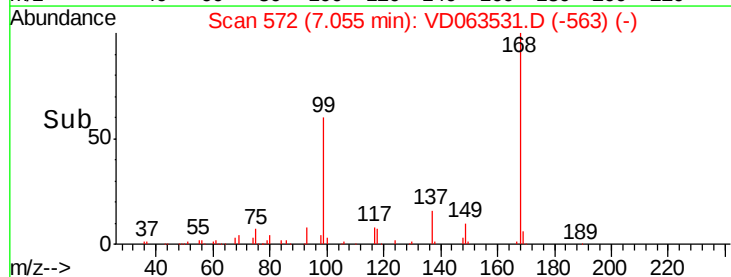
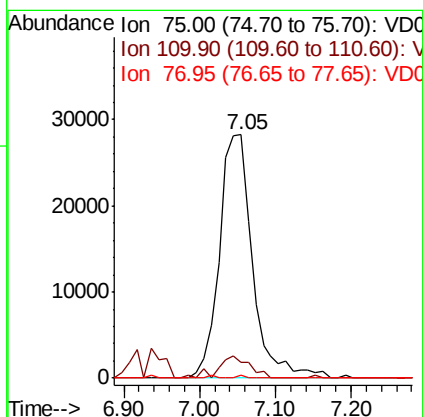
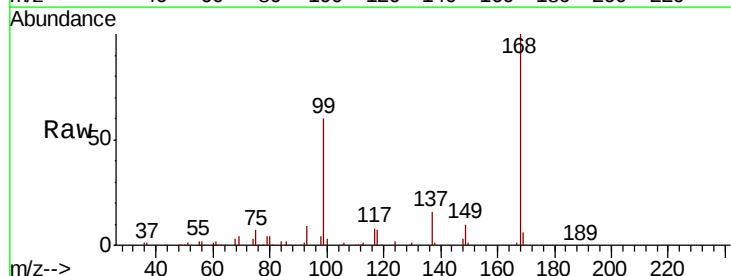
Instrument :
 MSVOA_D
 ClientSampleId :

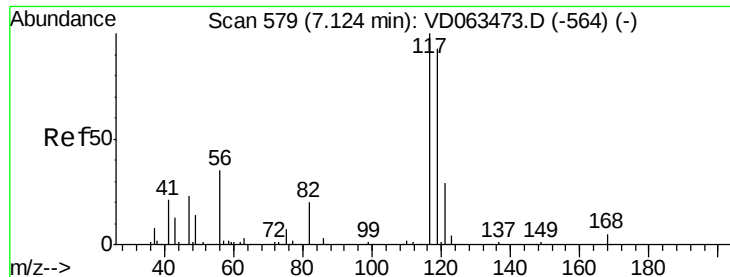
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.1	124.7
192	17.3	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 6.174 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.11 min
 Lab File: VD063531.D
 Acq: 13 Aug 2019 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.6	52.8#
77	1.2	24.3	36.5#

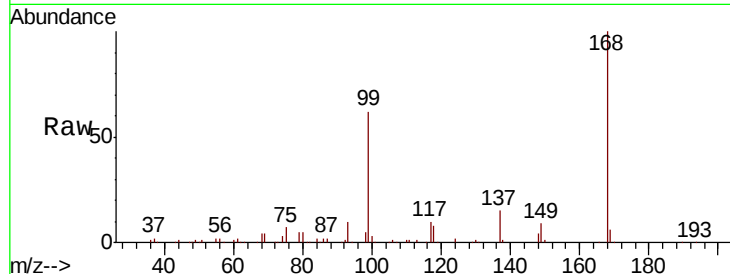




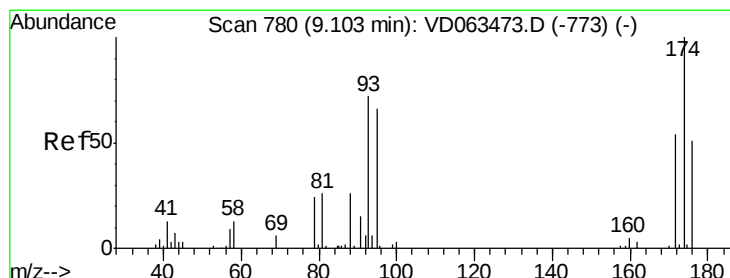
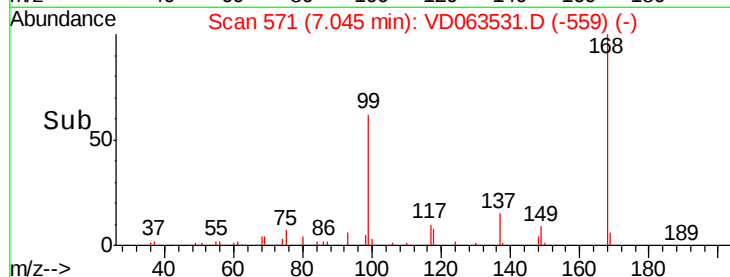
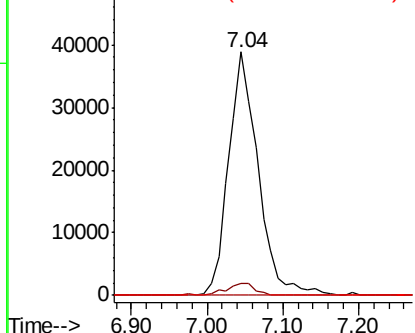
#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 104843
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.2#
121 0.0 23.1 34.7#

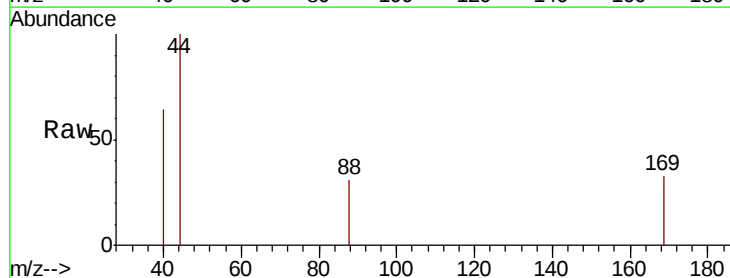


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

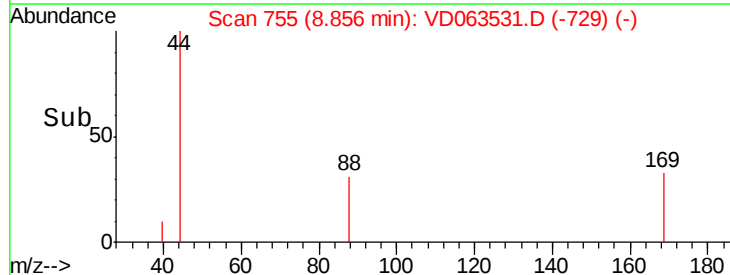
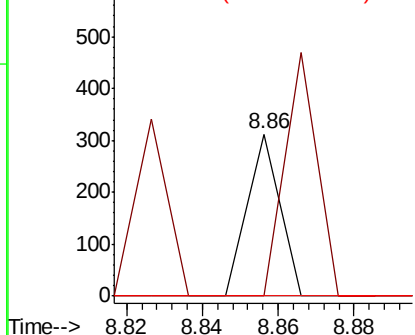


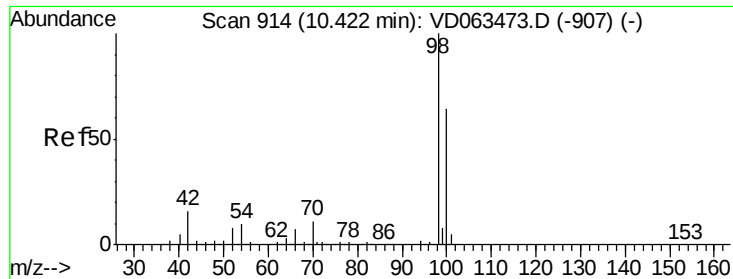
#49
1,4-Dioxane
Concen: 28.535 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.25 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion: 88 Resp: 184
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

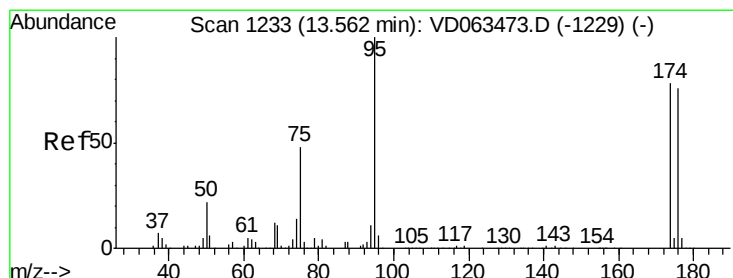
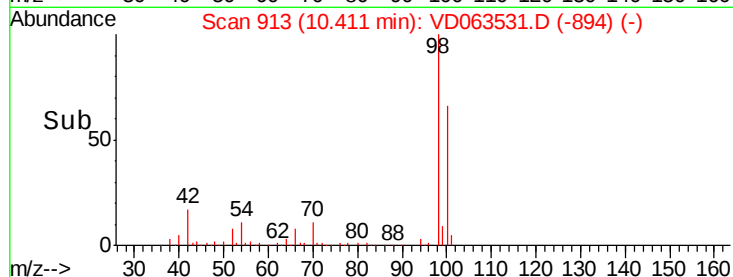
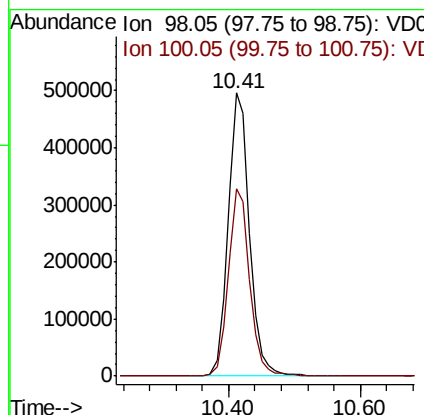
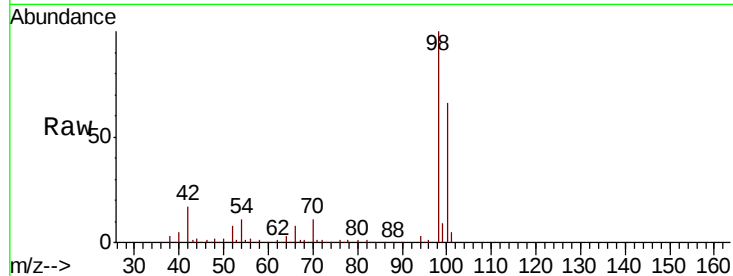




#50
Toluene-d8
Concen: 38.557 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

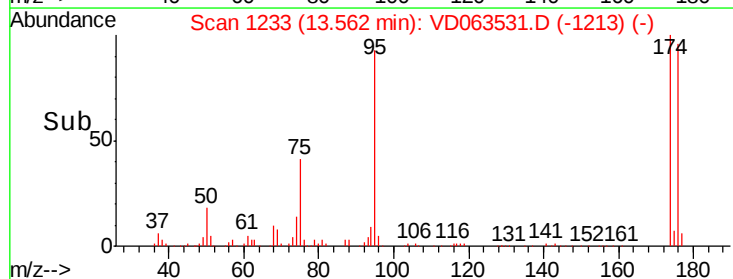
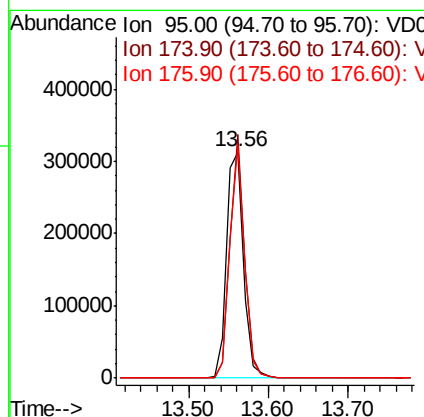
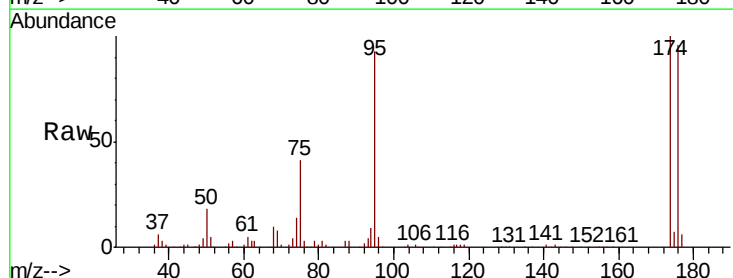
Instrument :
MSVOA_D
ClientSampleId :

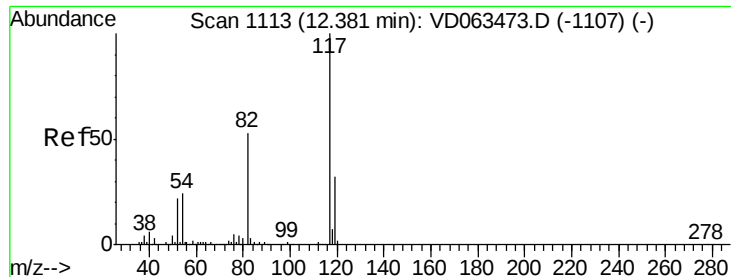
Tot Ion: 98 Resp: 1123708
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 35.722 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion: 95 Resp: 471858
Ion Ratio Lower Upper
95 100
174 107.7 0.0 155.4
176 103.3 0.0 152.4

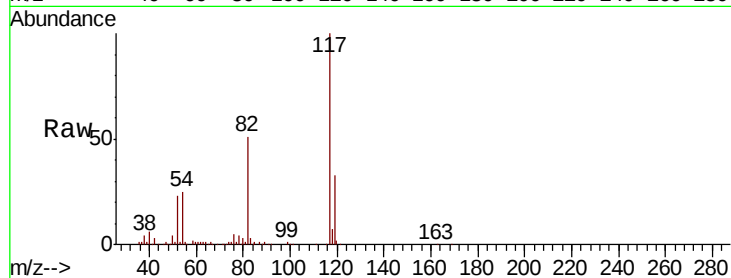




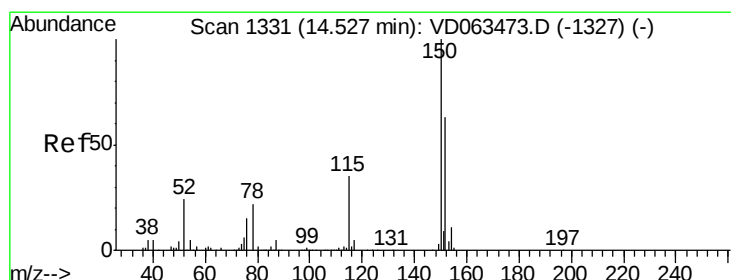
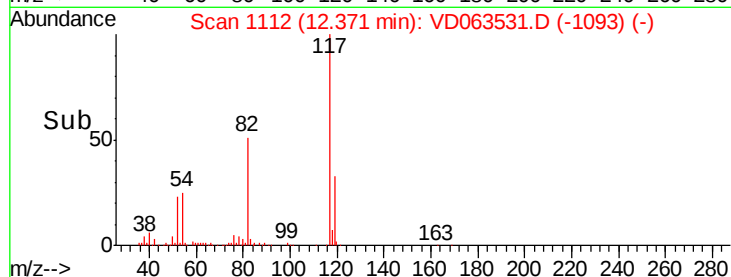
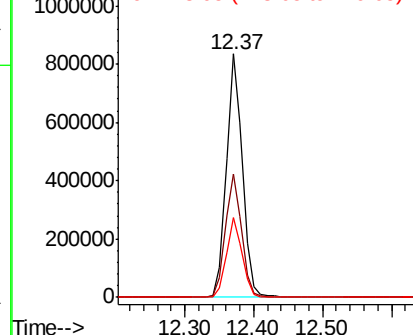
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1342407
Ion Ratio Lower Upper
117 100
82 50.7 42.0 63.0
119 32.6 25.4 38.0

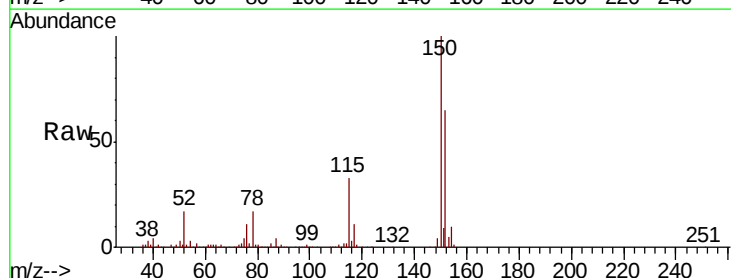


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

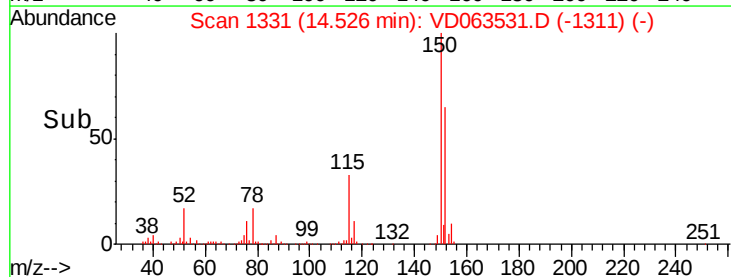
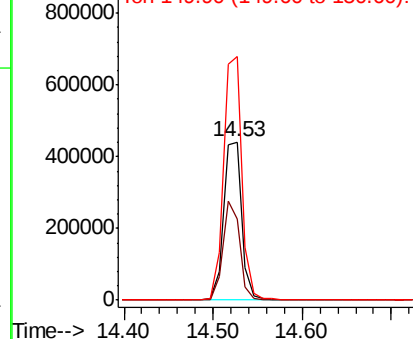


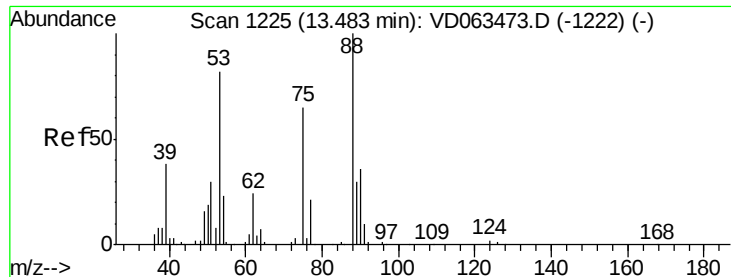
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD063531.D
Acq: 13 Aug 2019 17:04

Tgt Ion:152 Resp: 633641
Ion Ratio Lower Upper
152 100
115 51.6 30.9 92.7
150 154.3 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: 108.299 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD063531.D

Acq: 13 Aug 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

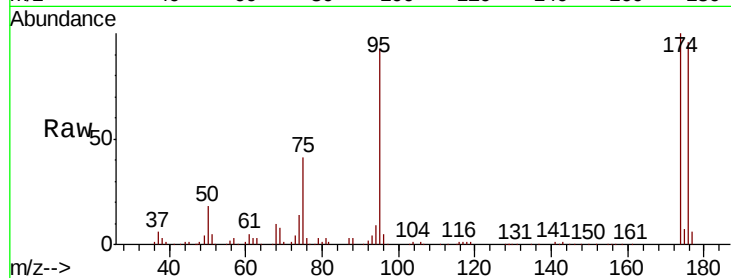
Tot Ion: 75 Resp: 211676

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



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

