

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063540.D
 Acq On : 13 Aug 2019 21:10
 Operator : JC/SY
 Sample : K4321-03
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:30:52 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	974192	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1442099	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1255512	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	635685	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	477202	45.83	ug/l	-0.01
Spiked Amount				50.000		
Recovery						91.66%
35) Dibromofluoromethane	6.93	113	556557	45.82	ug/l	0.00
Spiked Amount				50.000		
Recovery						91.64%
50) Toluene-d8	10.42	98	1141020	42.73	ug/l	0.00
Spiked Amount				50.000		
Recovery						85.46%
62) 4-Bromofluorobenzene	13.56	95	473052	39.09	ug/l	0.00
Spiked Amount				50.000		
Recovery						78.18%

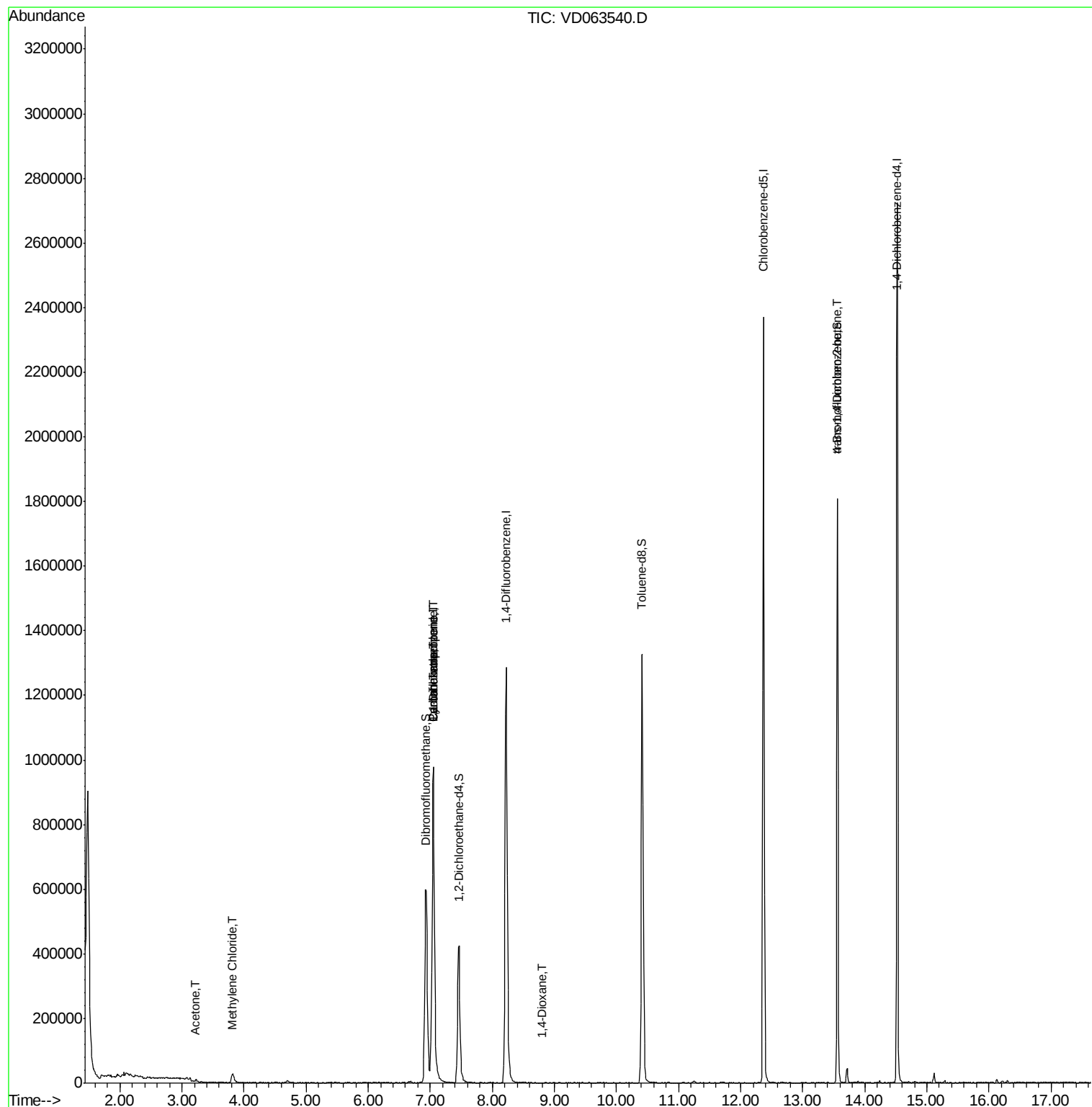
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	13959	6.594	ug/l #	74
20) Methylene Chloride	3.81	84	19065	2.083	ug/l	90
31) Cyclohexane	7.05	56	21082	2.242	ug/l #	31
36) 1,1-Dichloropropene	7.04	75	74433	5.839	ug/l #	52
38) Carbon Tetrachloride	7.05	117	91978	4.787	ug/l #	19
49) 1,4-Dioxane	8.78	88	199	29.219	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	210922	107.566	ug/l #	1

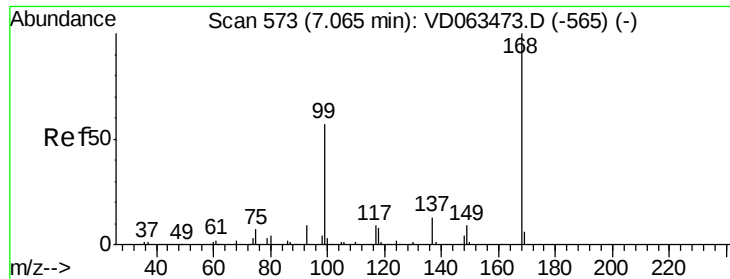
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
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Quant Time: Aug 14 08:30:52 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



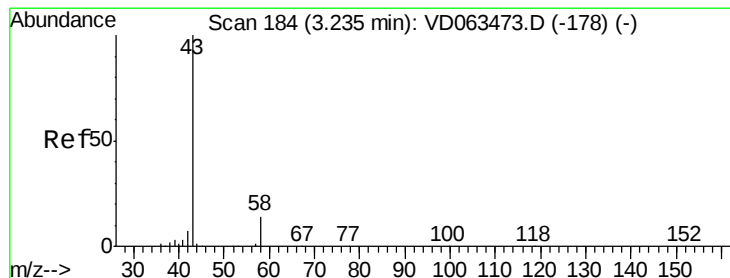
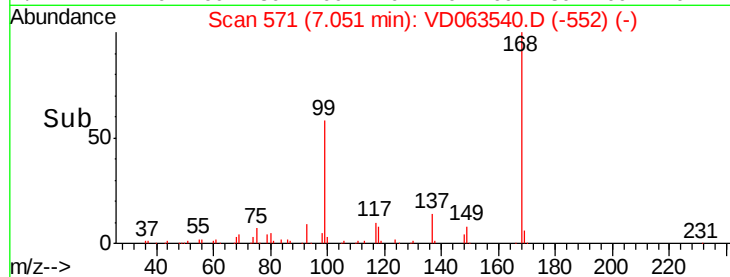
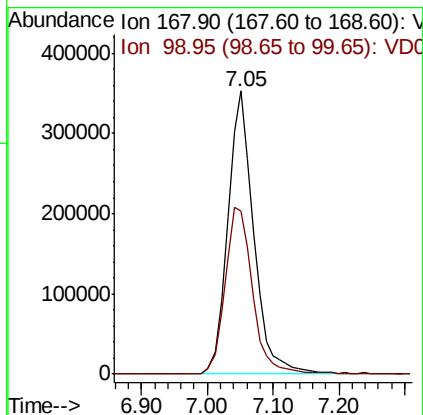
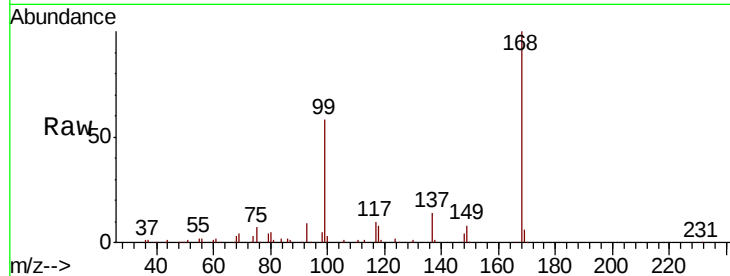


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: VD063540.D
 Acq: 13 Aug 2019 21:10

Instrument :
 MSVOA_D
 ClientSampleId :

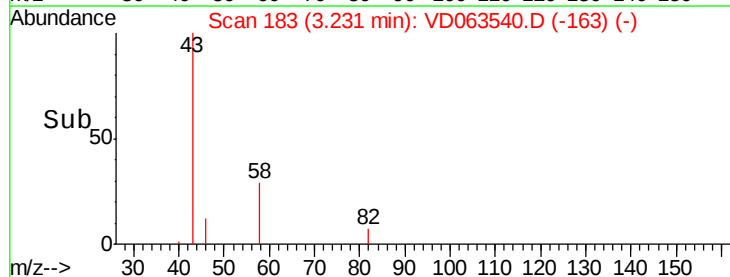
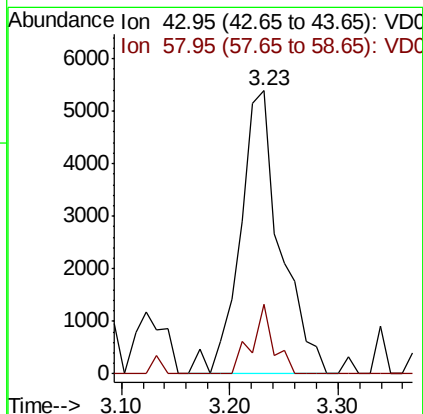
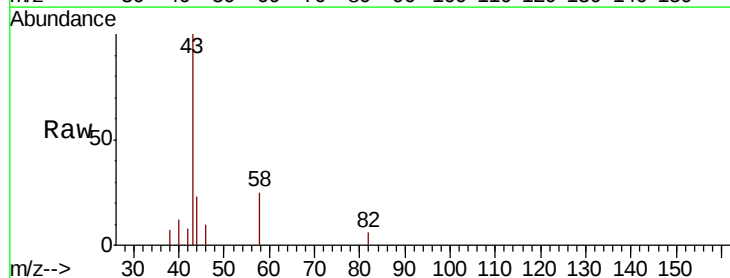
Tot Ion:168 Resp: 974192
 Ion Ratio Lower Upper
 168 100
 99 57.5 46.7 70.1

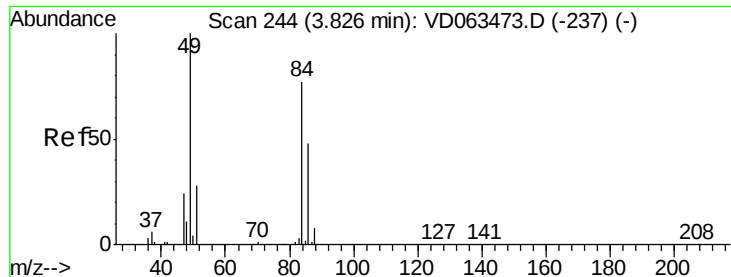


#16

Acetone
 Concen: 6.594 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. -0.00 min
 Lab File: VD063540.D
 Acq: 13 Aug 2019 21:10

Tgt Ion: 43 Resp: 13959
 Ion Ratio Lower Upper
 43 100
 58 24.8 11.4 17.2#

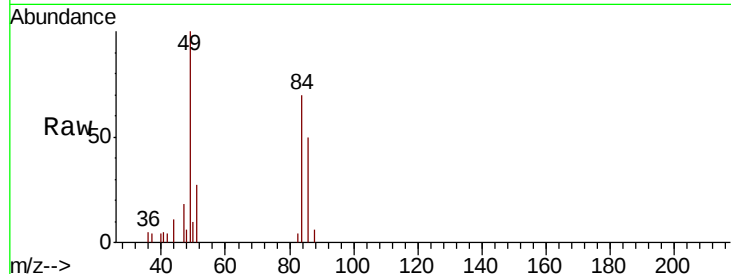




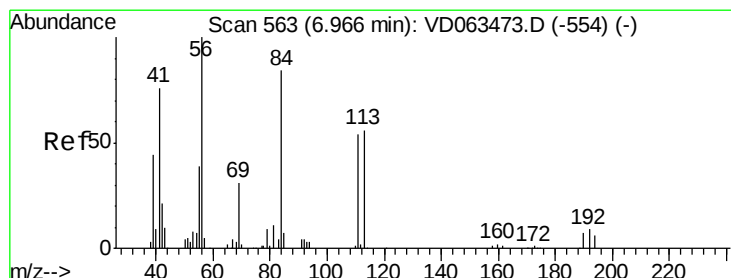
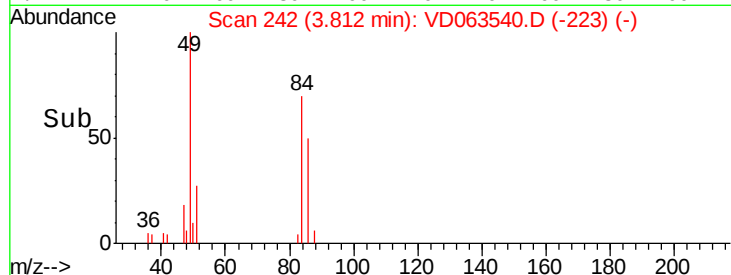
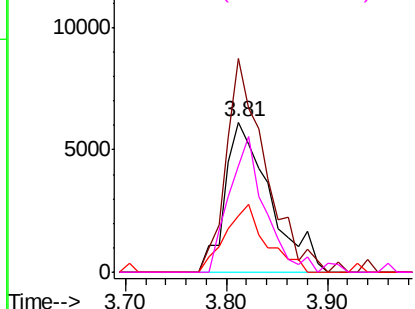
#20
Methvlene Chloride
Concen: 2.083 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	19065
Ion	Ratio	Lower	Upper
84	100		
49	142.0	103.4	155.2
51	37.7	28.5	42.7
86	70.9	49.4	74.2

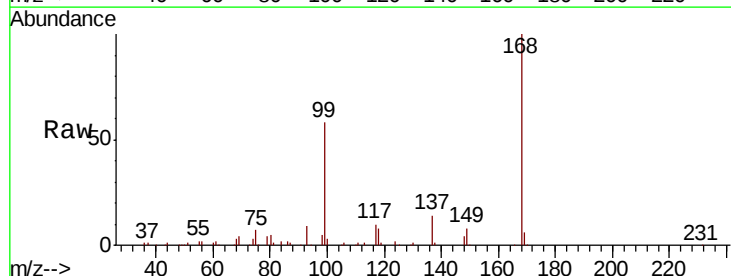


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

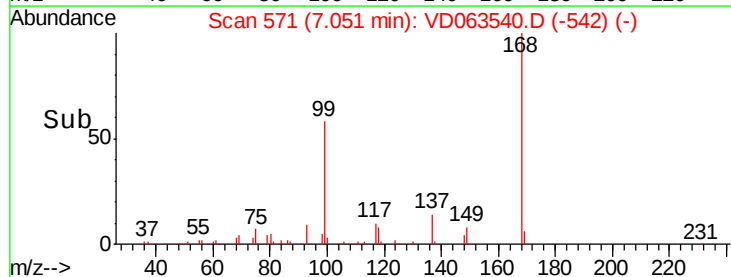
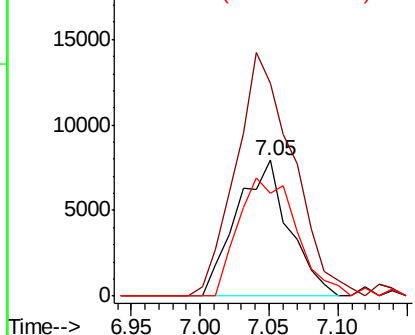


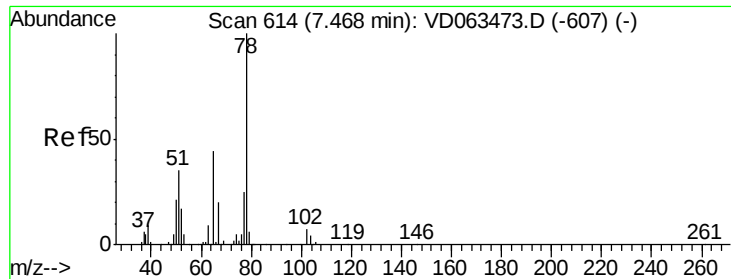
#31
Cyclohexane
Concen: 2.242 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Tgt Ion:	56	Resp:	21082
Ion	Ratio	Lower	Upper
56	100		
69	156.6	25.0	37.6#
84	76.1	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: 45.826 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

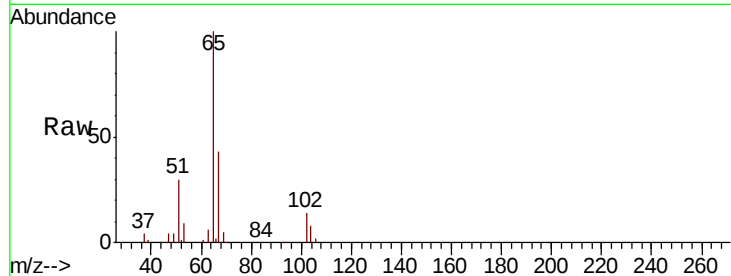
ClientSampled :

Tot Ion: 65 Resp: 477202

Ion Ratio Lower Upper

65 100

67 43.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

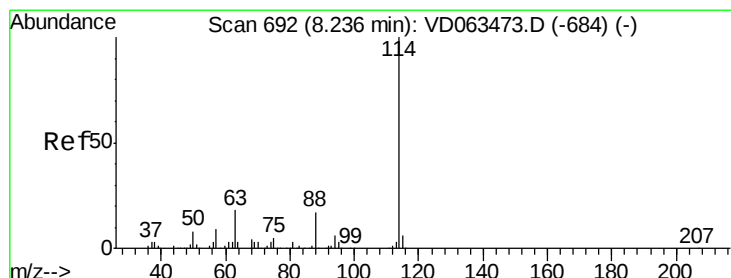
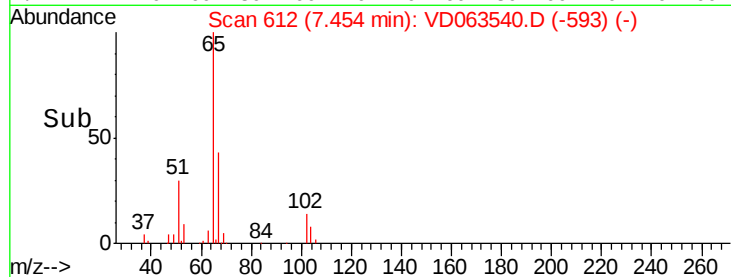
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

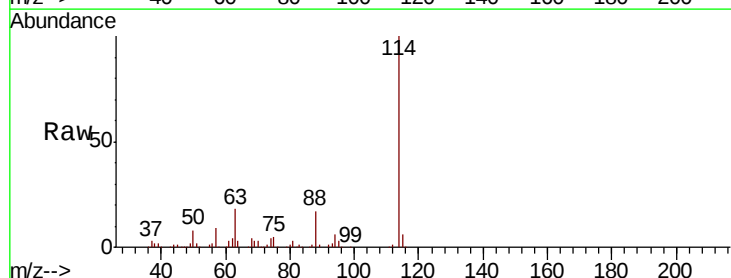
Tgt Ion: 114 Resp: 1442099

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

88 16.9 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

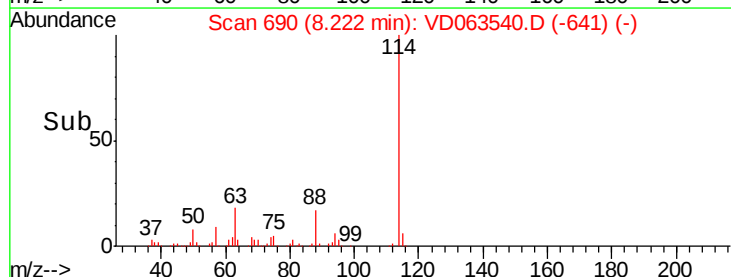
400000

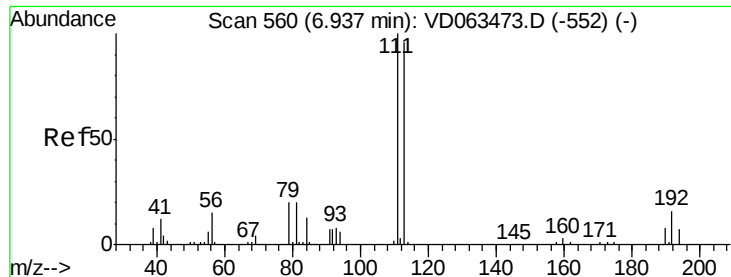
200000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 45.824 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

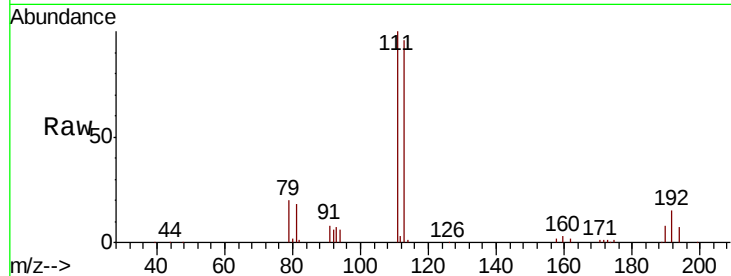
Tot Ion:113 Resp: 556557

Ion Ratio Lower Upper

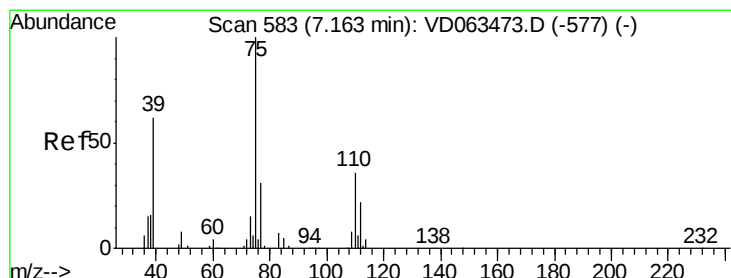
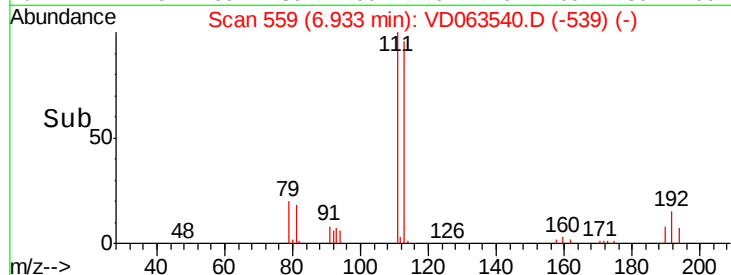
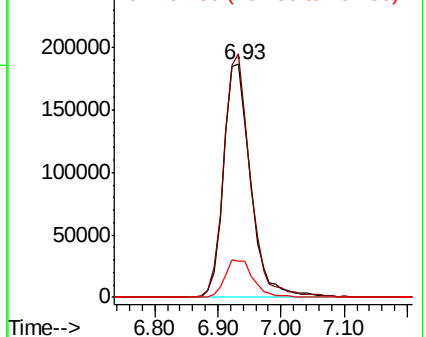
113 100

111 104.5 83.1 124.7

192 15.4 13.1 19.7



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: 5.839 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.12 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

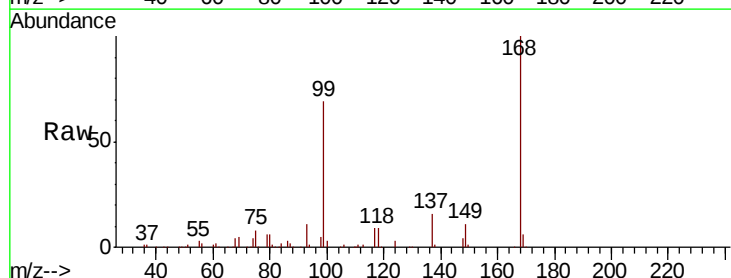
Tgt Ion: 75 Resp: 74433

Ion Ratio Lower Upper

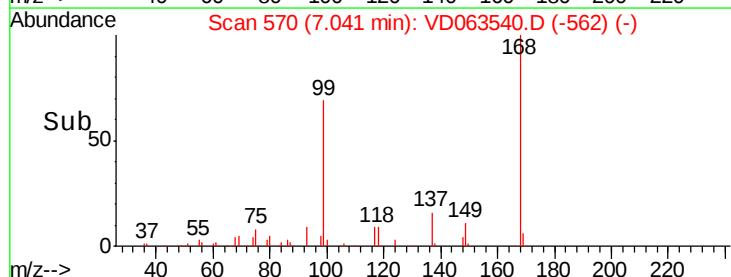
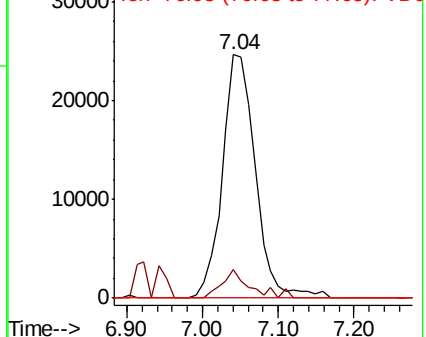
75 100

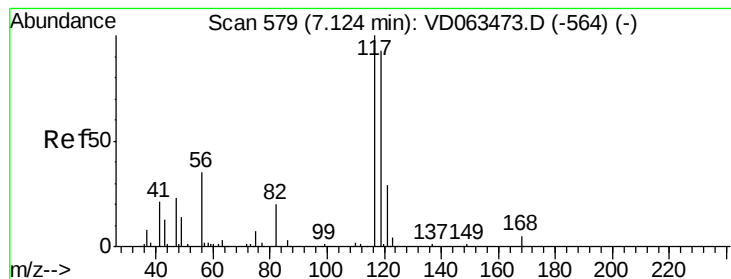
110 11.5 17.6 52.8#

77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 4.787 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

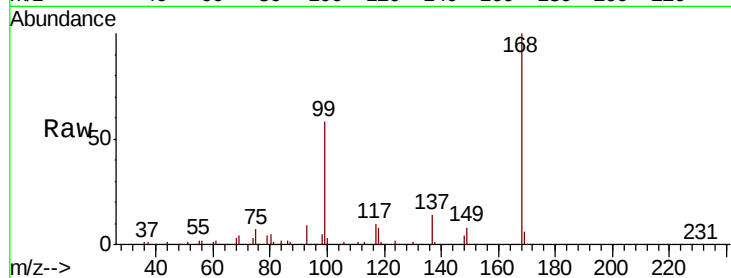
Tot Ion:117 Resp: 91978

Ion Ratio Lower Upper

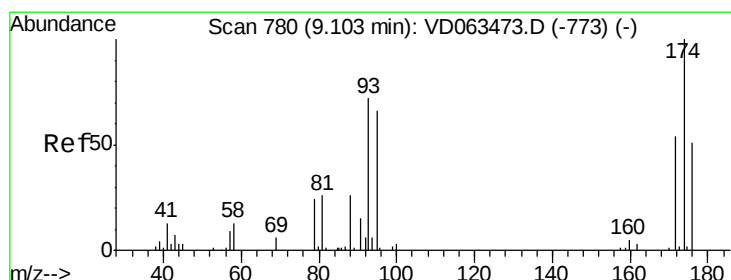
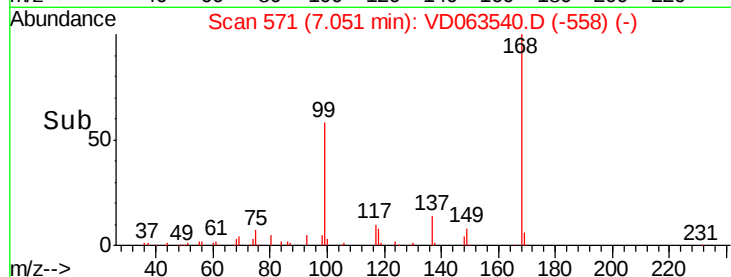
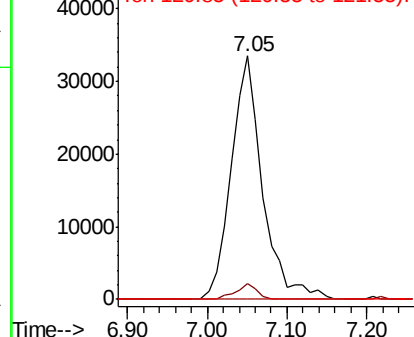
117 100

119 6.6 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: 29.219 ug/l

RT: 8.78 min Scan# 747

Delta R.T. -0.32 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

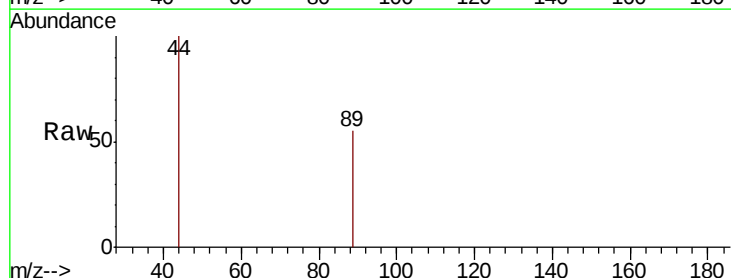
Tgt Ion: 88 Resp: 199

Ion Ratio Lower Upper

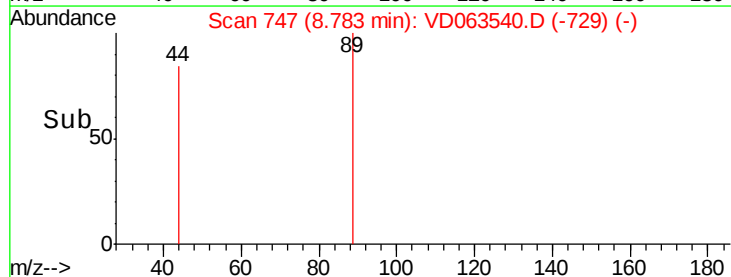
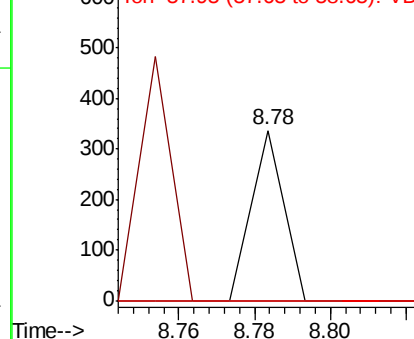
88 100

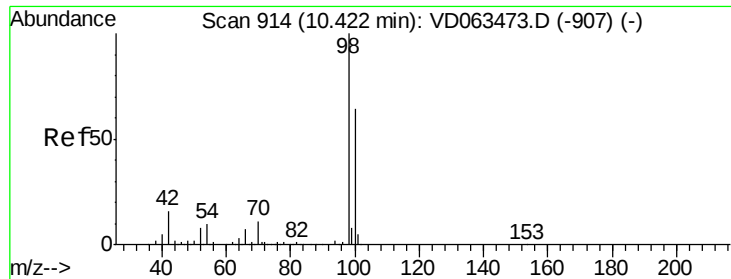
43 0.0 22.9 34.3#

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

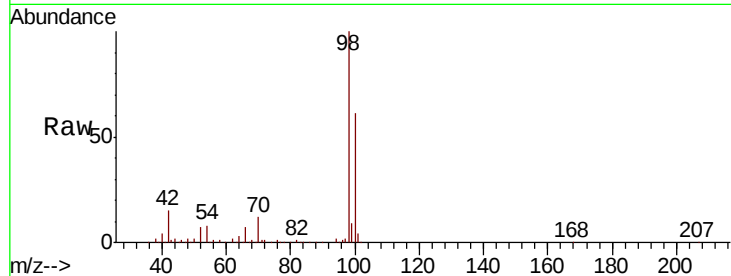




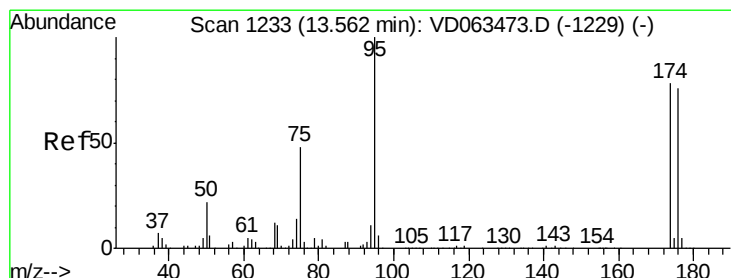
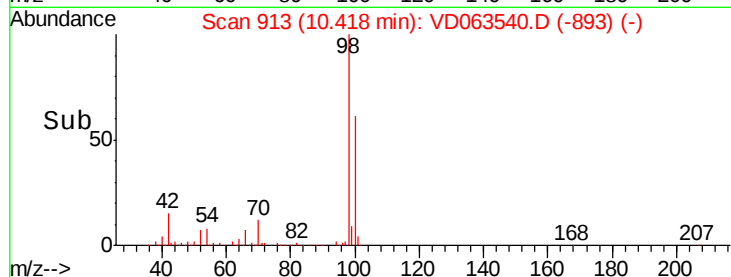
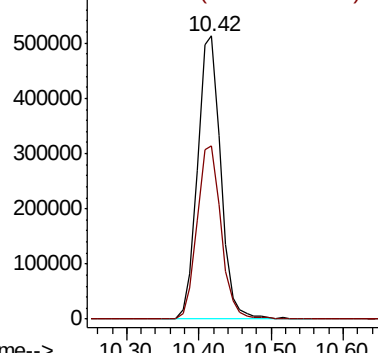
#50
Toluene-d8
Concen: 42.731 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1141020
Ion Ratio Lower Upper
98 100
100 61.1 51.7 77.5

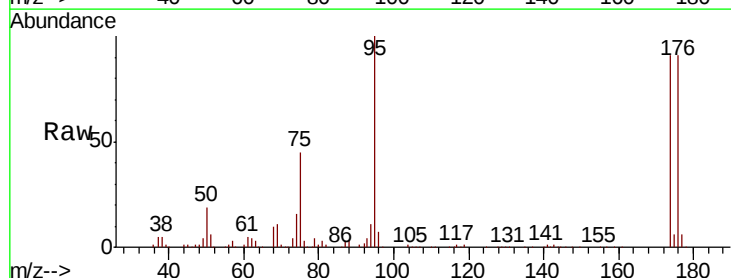


Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)
Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)

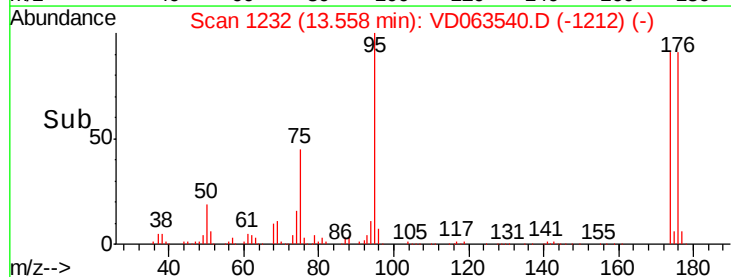
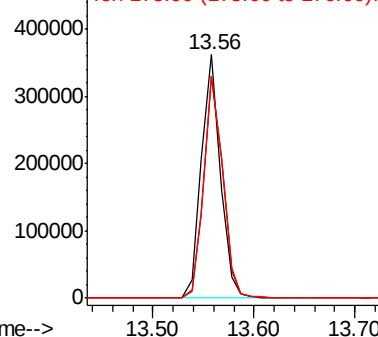


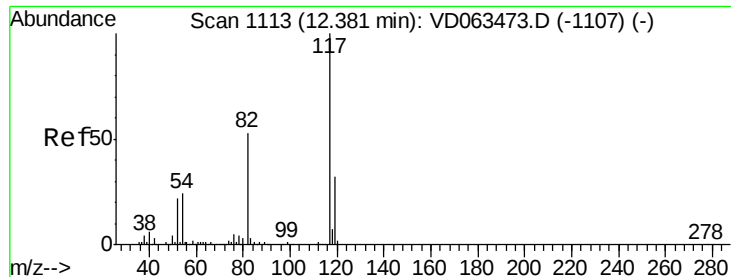
#62
4-Bromofluorobenzene
Concen: 39.087 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Tgt Ion: 95 Resp: 473052
Ion Ratio Lower Upper
95 100
174 90.9 0.0 155.4
176 90.9 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)
Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)
Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)

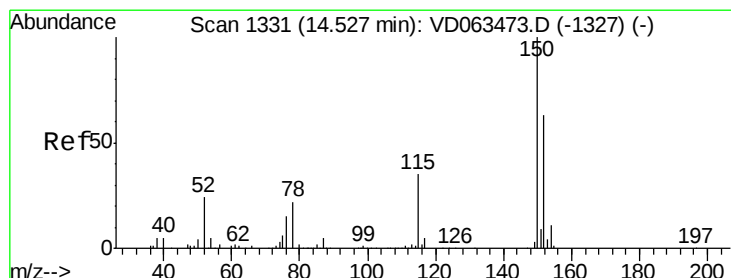
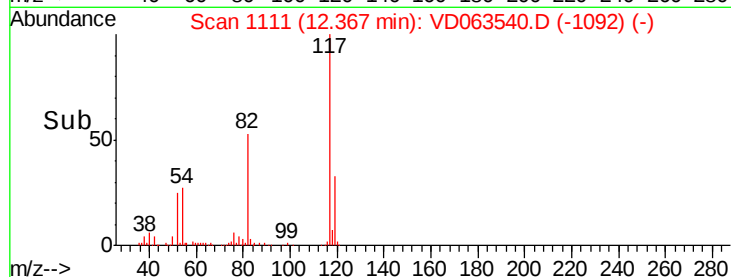
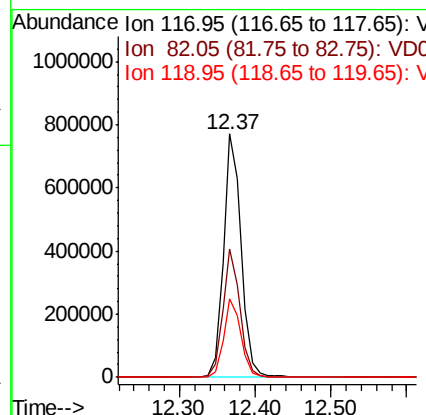
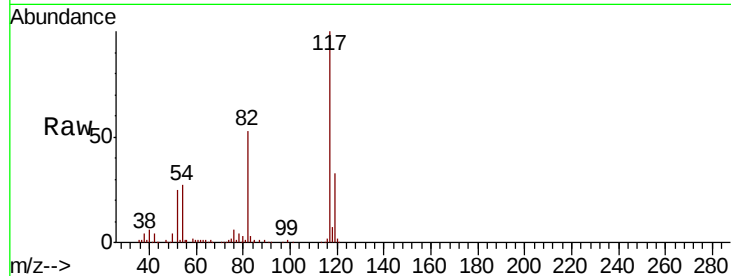




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

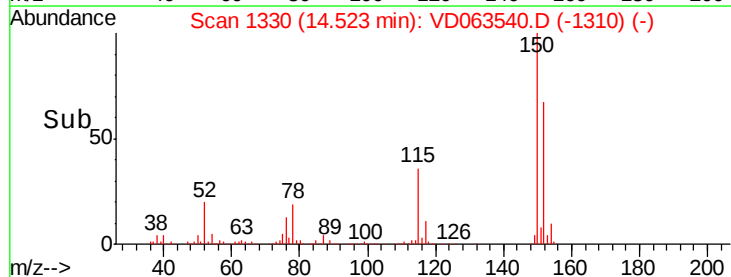
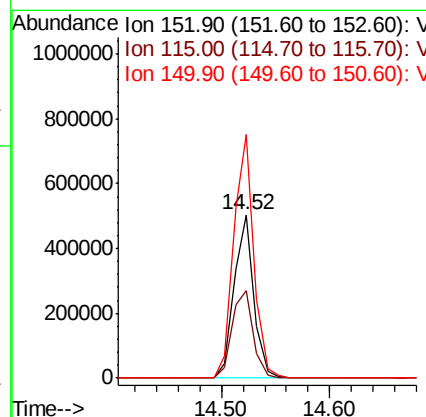
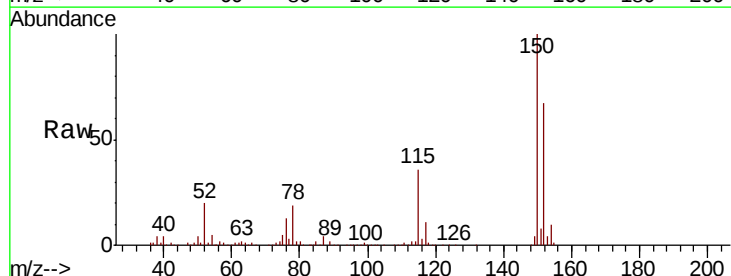
Instrument :
MSVOA_D
ClientSampled :

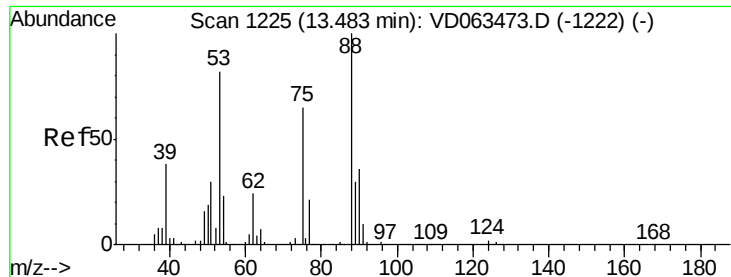
Tot Ion:117 Resp: 1255512
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Tgt Ion:152 Resp: 635685
Ion Ratio Lower Upper
152 100
115 53.6 30.9 92.7
150 148.9 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 107.566 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

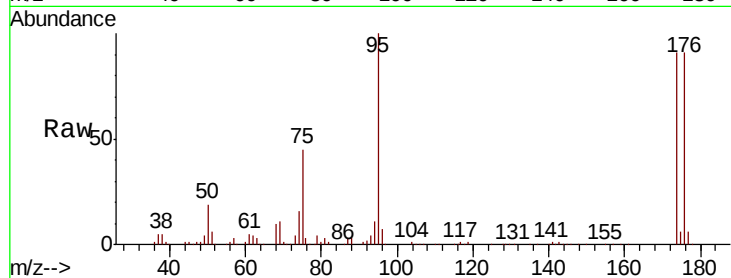
Tot Ion: 75 Resp: 210922

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

