

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063689.D
 Acq On : 20 Aug 2019 17:17
 Operator : JC/SY
 Sample : K4388-04
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B2-(2)

Quant Time: Aug 21 04:36:28 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

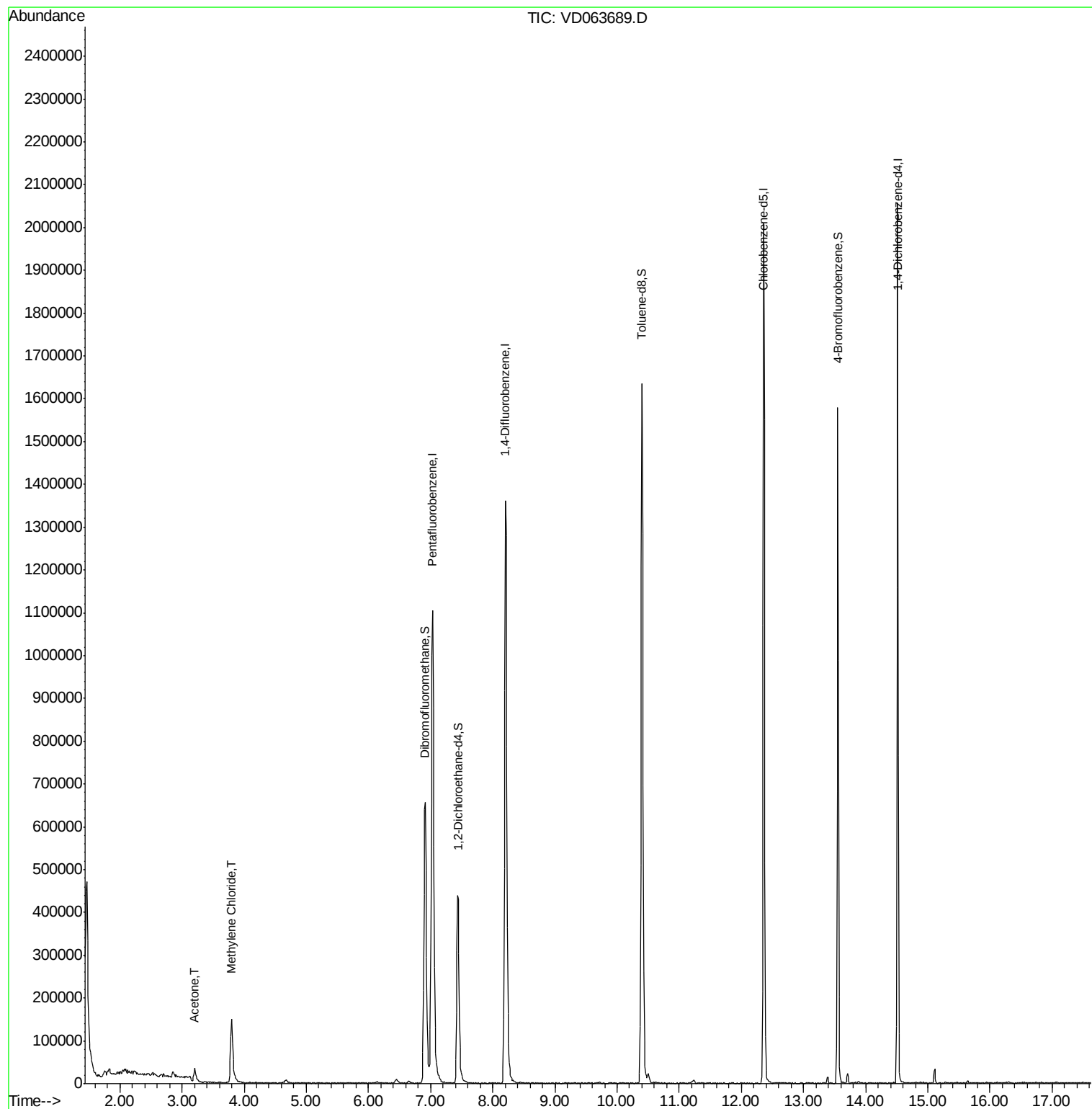
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1068172	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1502992	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1081150	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	424489	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	503203	44.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.14%	
35) Dibromofluoromethane	6.91	113	587016	46.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	10.40	98	1295945	46.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	13.55	95	426535	33.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.64%	
Target Compounds						
16) Acetone	3.20	43	63446	27.335	ug/l	Qvalue 100
20) Methylene Chloride	3.80	84	96287	9.594	ug/l	97

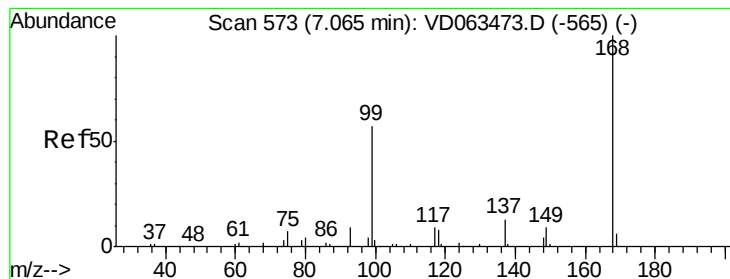
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD063689.D

Acq: 20 Aug 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

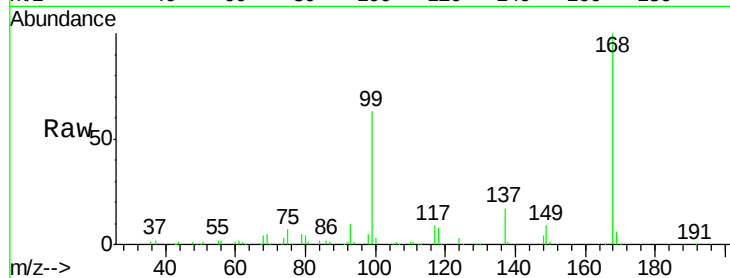
T4-B2-(2)

Tot Ion:168 Resp: 1068172

Ion Ratio Lower Upper

168 100

99 62.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

300000

200000

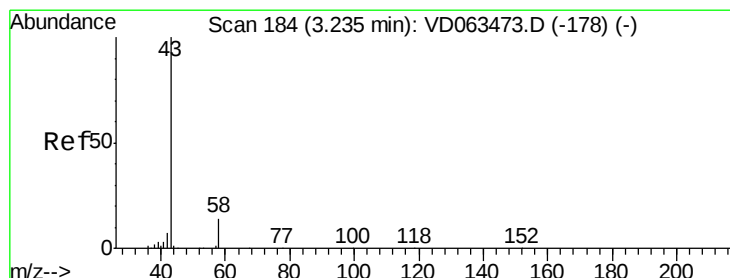
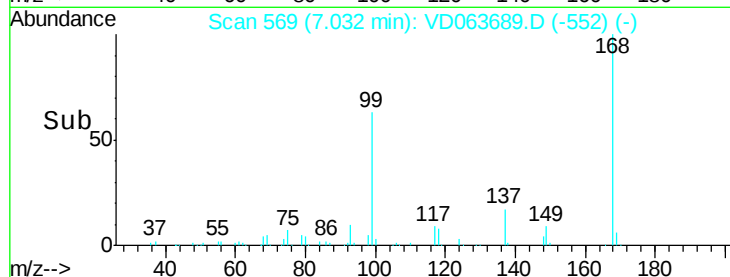
100000

0

7.00

7.20

Time-->



#16

Acetone

Concen: 27.335 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD063689.D

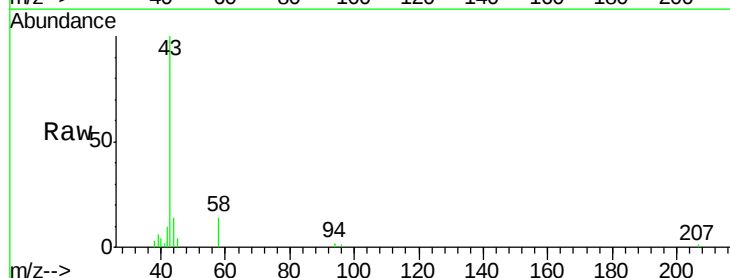
Acq: 20 Aug 2019 17:17

Tgt Ion: 43 Resp: 63446

Ion Ratio Lower Upper

43 100

58 14.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

25000

20000

15000

10000

5000

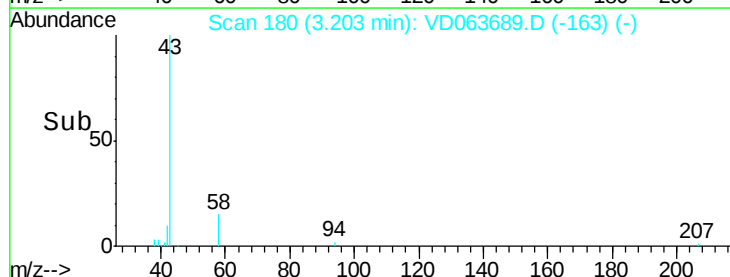
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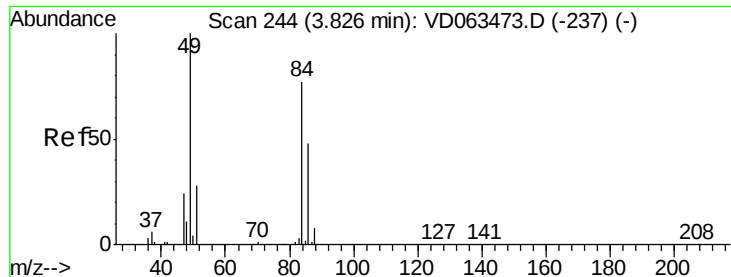
3.10

3.20

3.30

Time-->

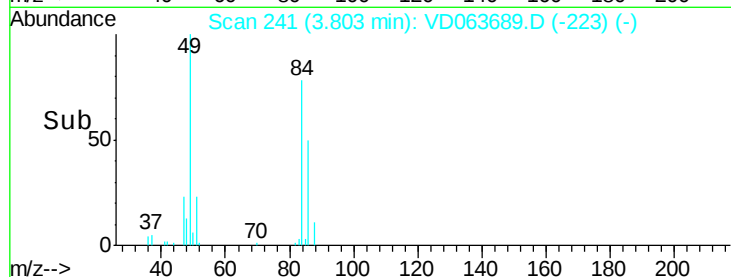
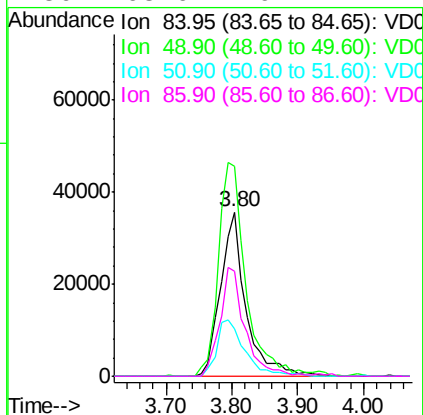
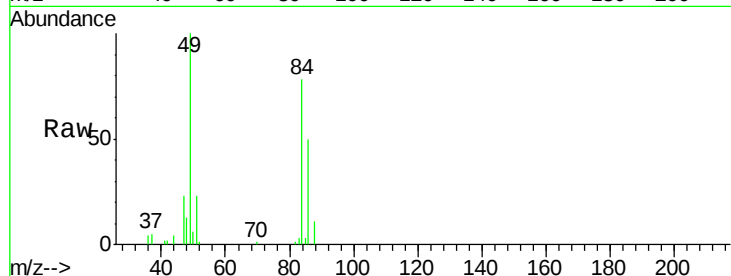




#20
Methylene Chloride
Concen: 9.594 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

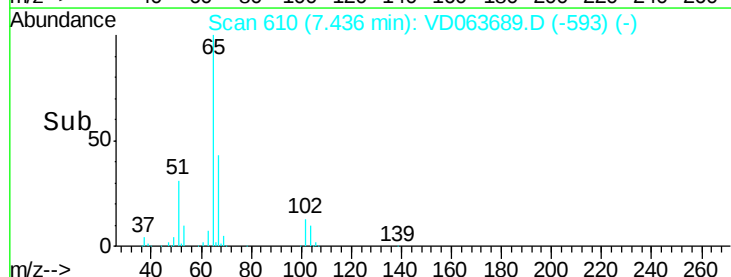
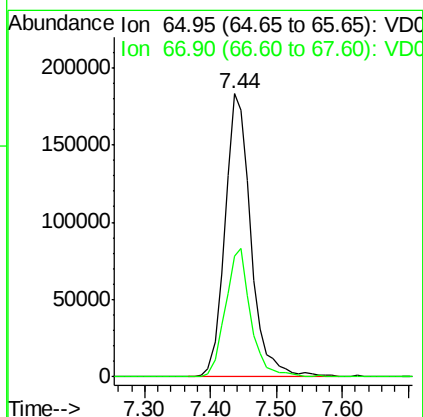
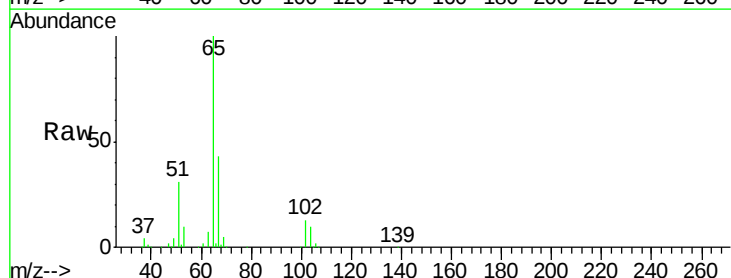
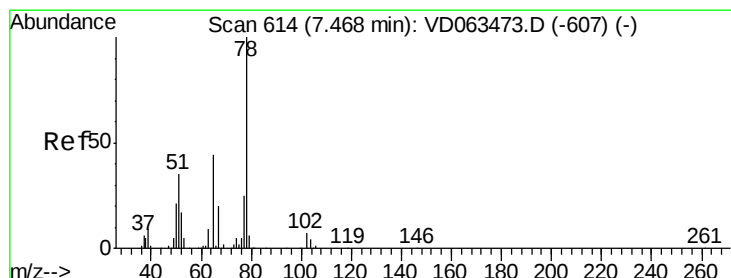
Instrument :
MSVOA_D
ClientSampleId :
T4-B2-(2)

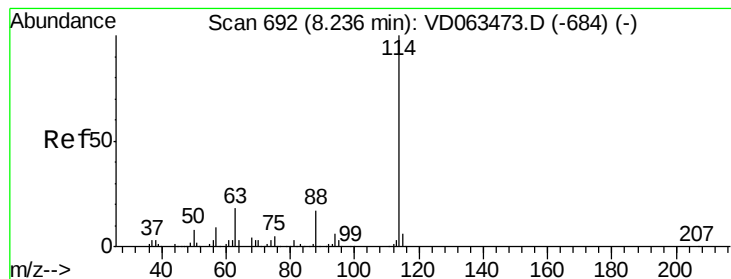
Tot Ion:	84	Resp:	96287
Ion	Ratio	Lower	Upper
84	100		
49	127.8	103.4	155.2
51	29.1	28.5	42.7
86	63.6	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 44.071 ug/l
RT: 7.44 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

Tgt Ion:	65	Resp:	503203
Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD063689.D

Acq: 20 Aug 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

T4-B2-(2)

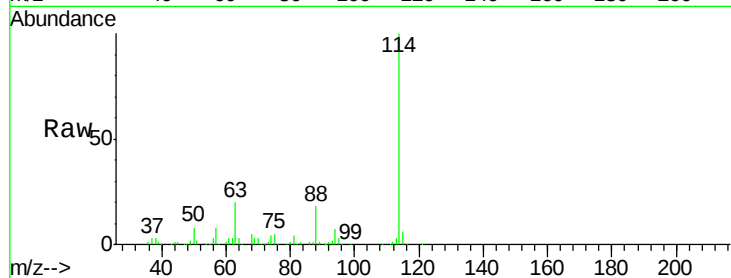
Tot Ion:114 Resp: 1502992

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.2

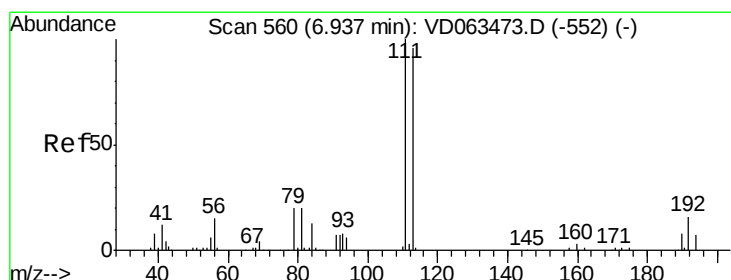
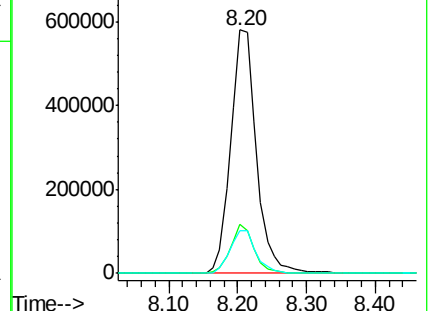
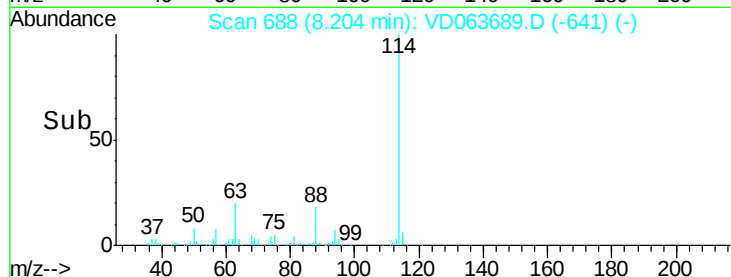
88 17.6 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 46.374 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063689.D

Acq: 20 Aug 2019 17:17

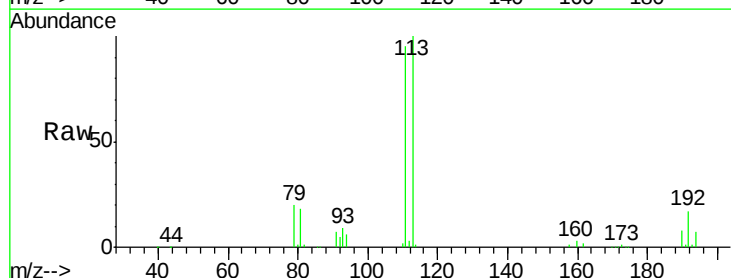
Tgt Ion:113 Resp: 587016

Ion Ratio Lower Upper

113 100

111 95.1 83.1 124.7

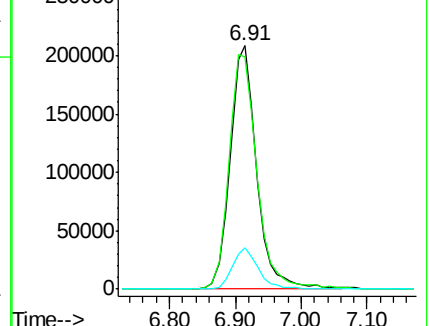
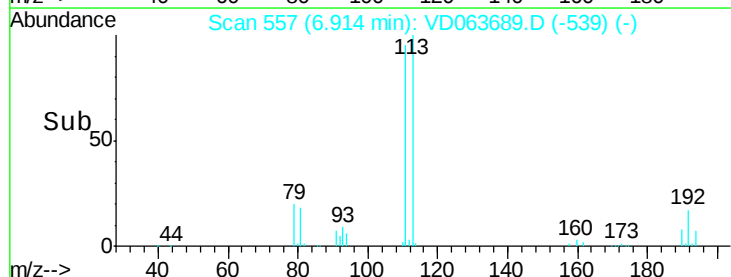
192 17.1 13.1 19.7

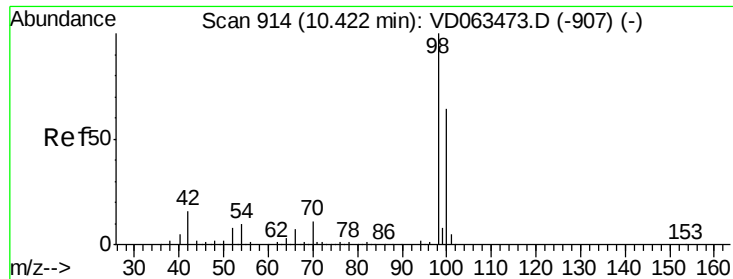


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

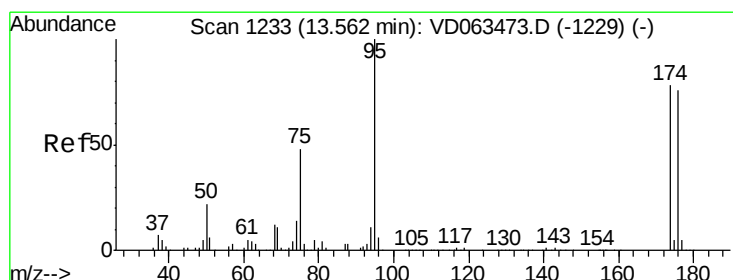
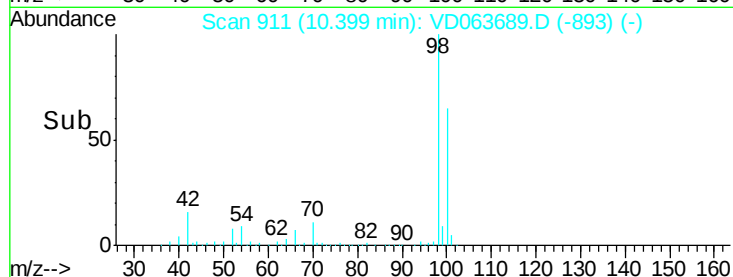
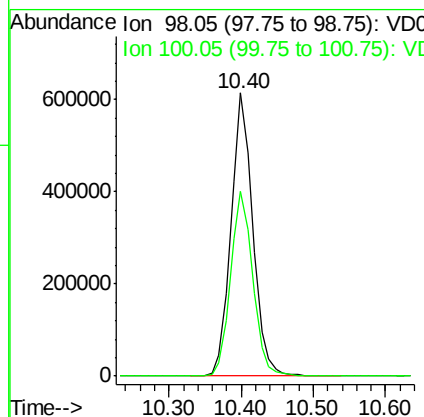
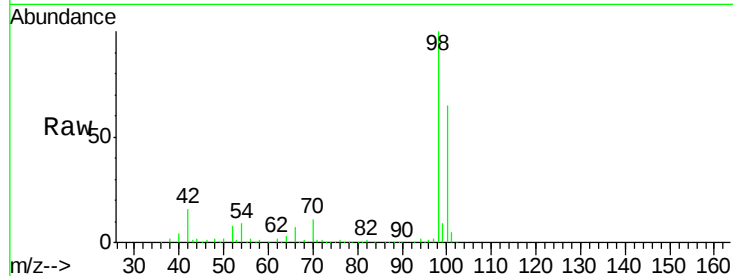




#50
Toluene-d8
Concen: 46.567 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

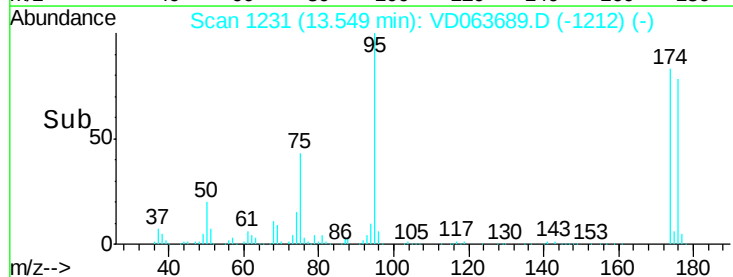
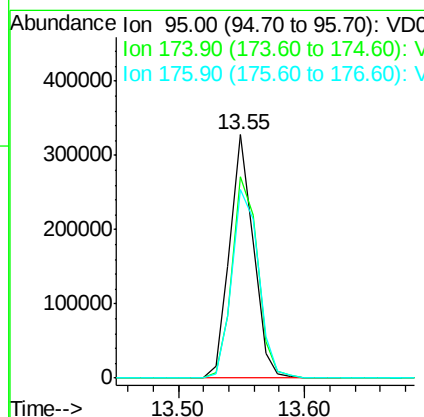
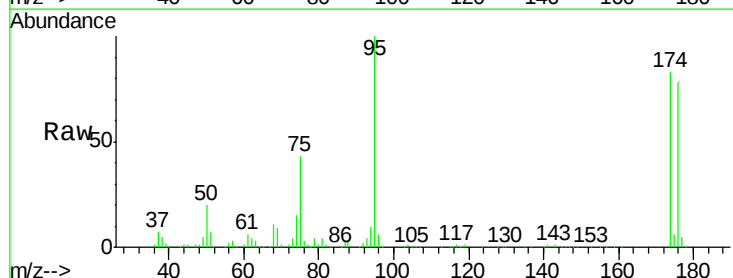
Instrument :
MSVOA_D
ClientSampleId :
T4-B2-(2)

Tot Ion: 98 Resp: 1295945
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 33.815 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

Tgt Ion: 95 Resp: 426535
Ion Ratio Lower Upper
95 100
174 82.8 0.0 155.4
176 77.7 0.0 152.4

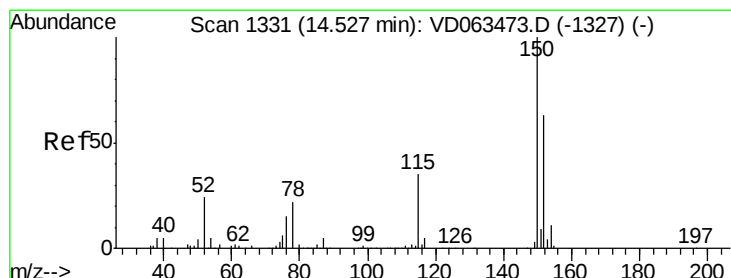
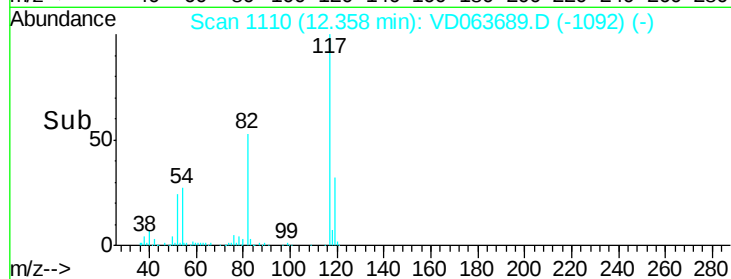
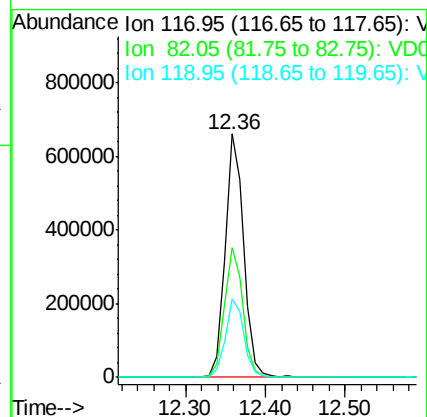
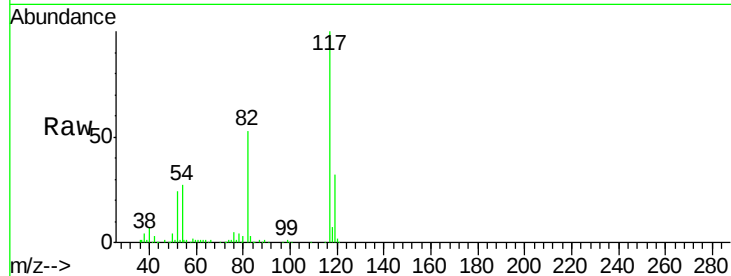




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

Instrument :
MSVOA_D
ClientSampleId :
T4-B2-(2)

Tot Ion:117 Resp: 1081150
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063689.D
Acq: 20 Aug 2019 17:17

Tgt Ion:152 Resp: 424489
Ion Ratio Lower Upper
152 100
115 58.8 30.9 92.7
150 153.9 0.0 318.6

