

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064300.D
 Acq On : 19 Nov 2019 20:12
 Operator : VA/SY
 Sample : K5927-10
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8

Quant Time: Nov 20 05:53:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

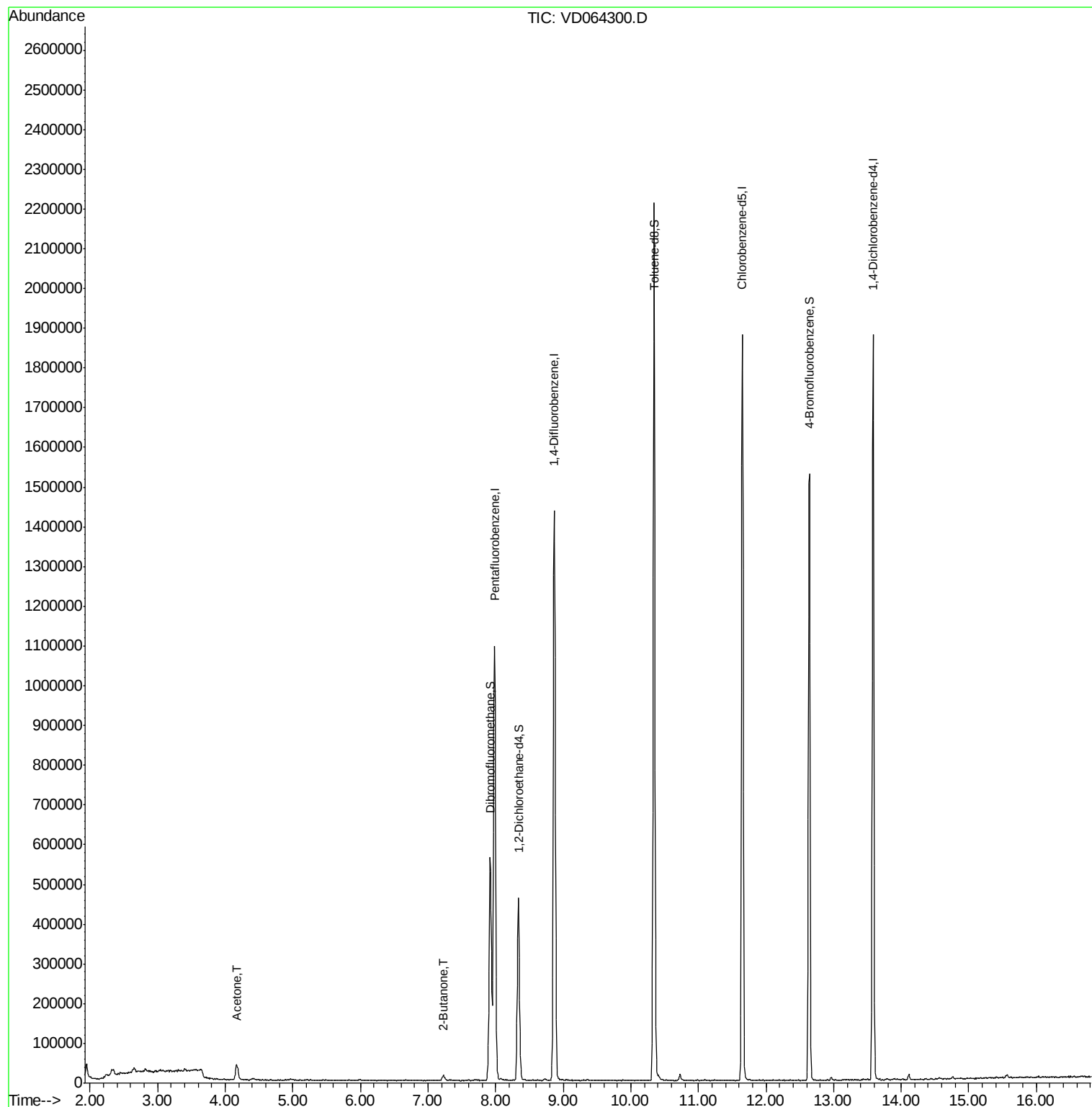
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	903140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1285426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1111965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	523524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	365258	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.92	113	383530	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	1489642	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.64	95	472152	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
Target Compounds						
16) Acetone	4.17	43	68352	38.844	ug/l	99
25) 2-Butanone	7.23	43	13706	6.029	ug/l	94

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

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QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

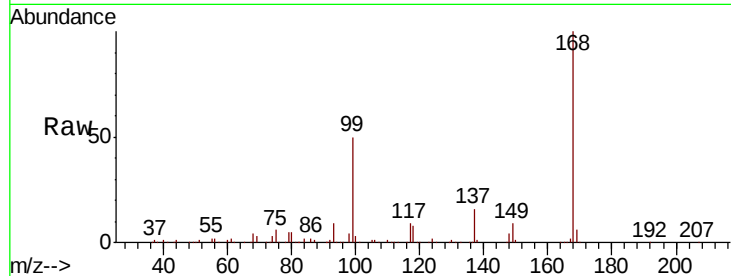
Instrument :
MSVOA_D
ClientSampleId :
B-8

Tot Ion:168 Resp: 903140

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

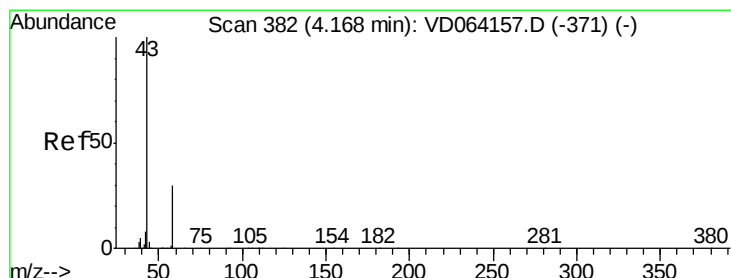
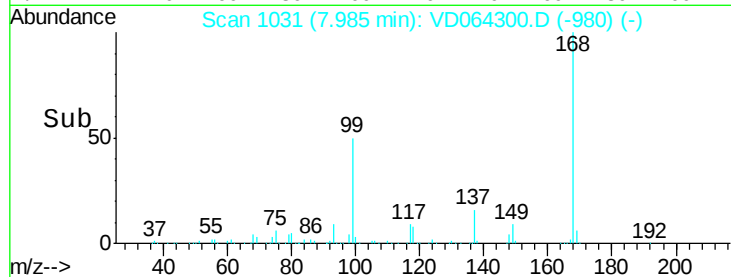
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 38.844 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064300.D

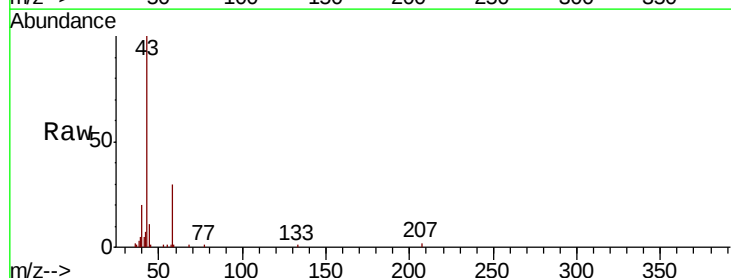
Acq: 19 Nov 2019 20:12

Tgt Ion: 43 Resp: 68352

Ion Ratio Lower Upper

43 100

58 29.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

25000

20000

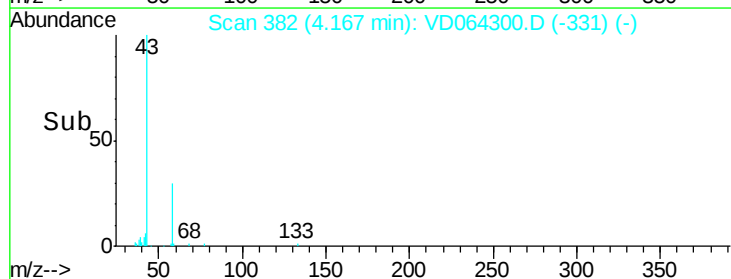
15000

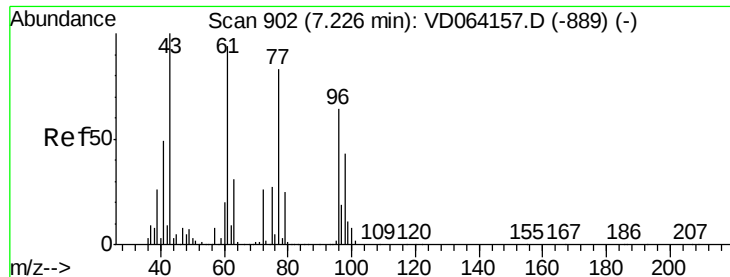
10000

5000

0

Time-->





#25

2-Butanone

Concen: 6.029 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

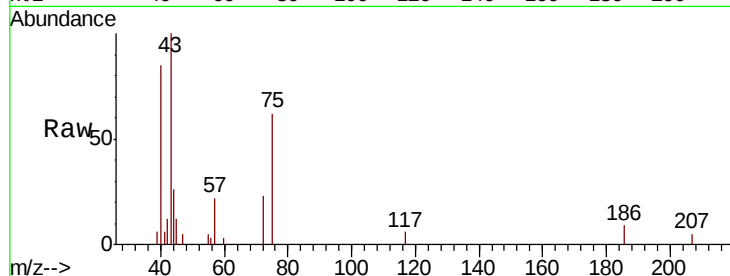
B-8

Tot Ion: 43 Resp: 13706

Ion Ratio Lower Upper

43 100

72 22.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

6000

5000

4000

3000

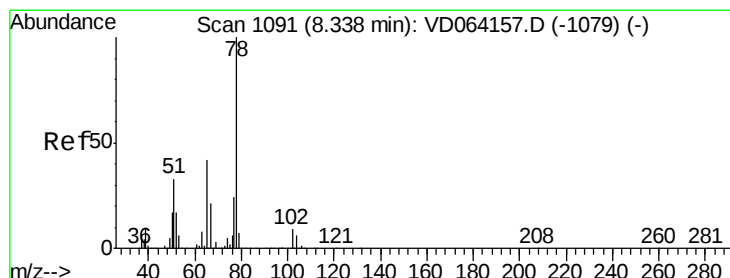
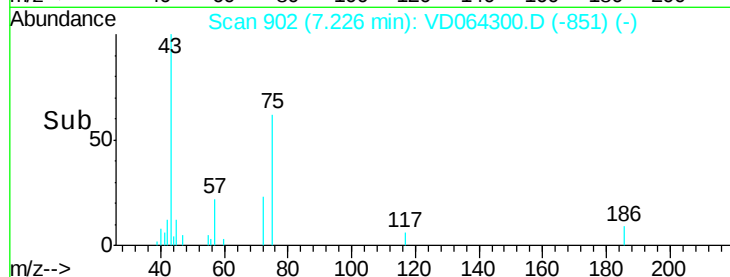
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.174 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064300.D

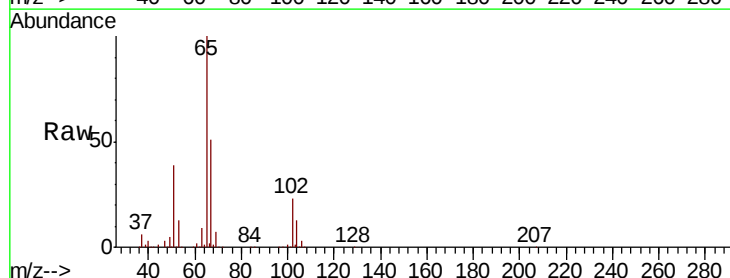
Acq: 19 Nov 2019 20:12

Tgt Ion: 65 Resp: 365258

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

150000

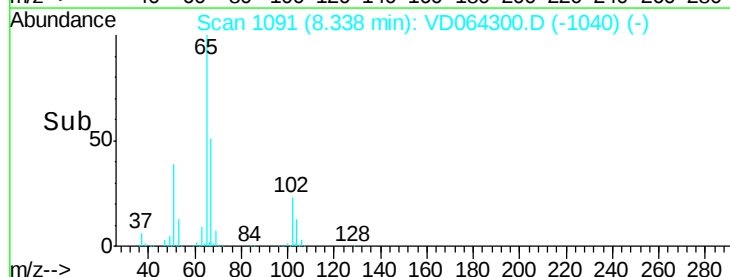
100000

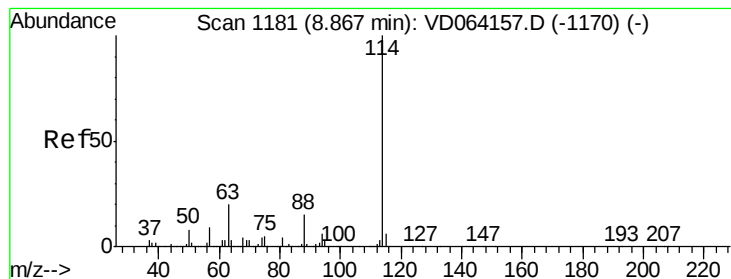
50000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

B-8

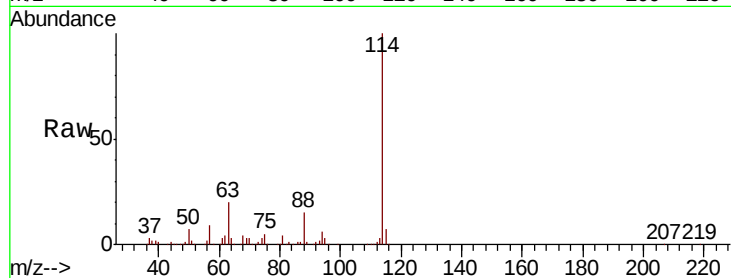
Tot Ion:114 Resp: 1285426

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

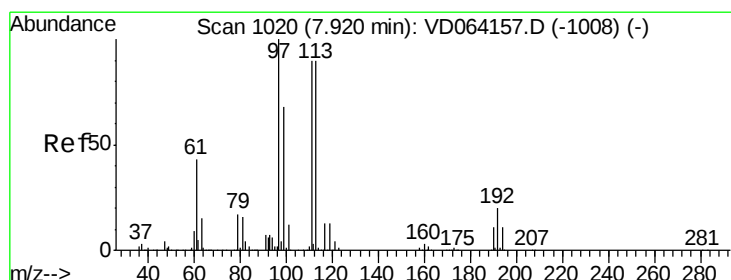
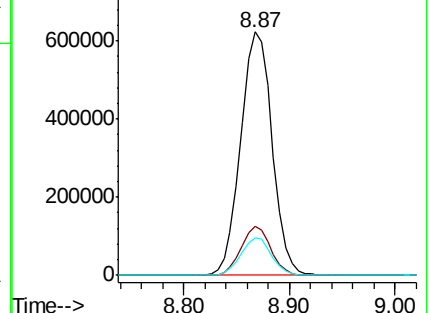
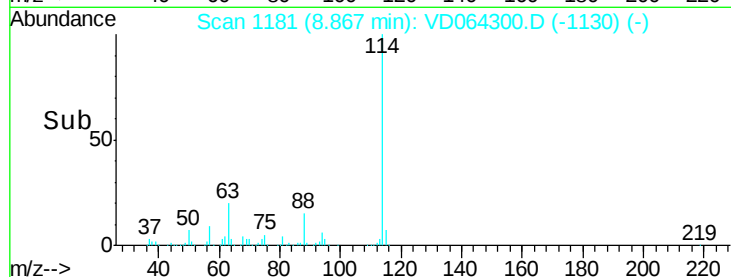
88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.979 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

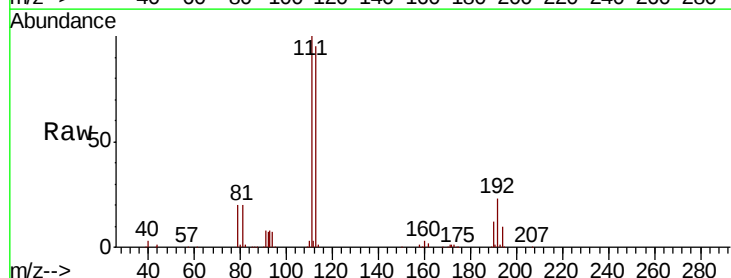
Tgt Ion:113 Resp: 383530

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

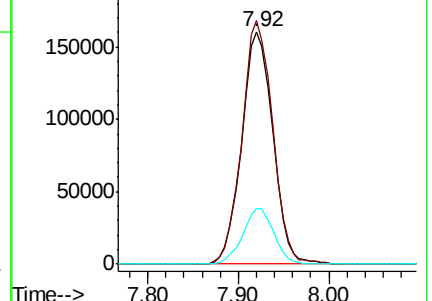
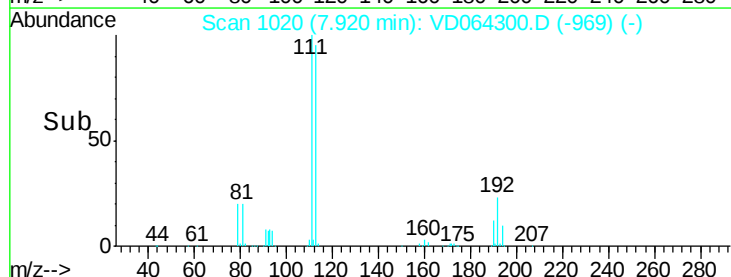
192 24.0 18.8 28.2

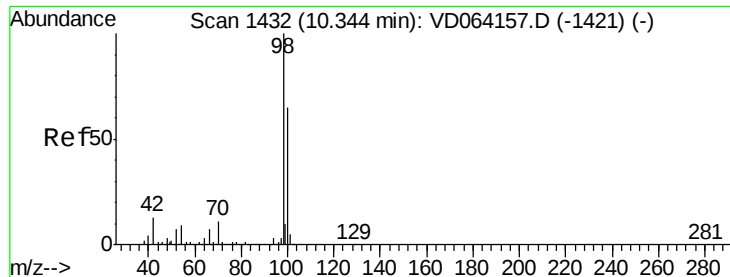


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.517 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

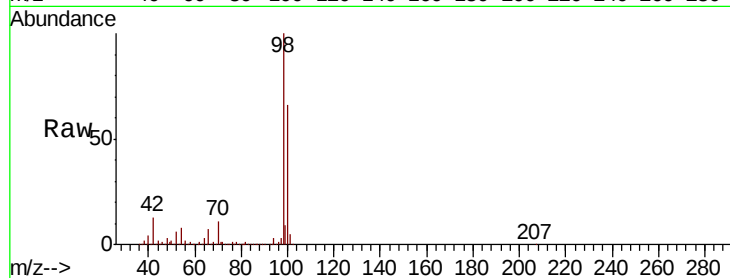
B-8

Tot Ion: 98 Resp: 1489642

Ion Ratio Lower Upper

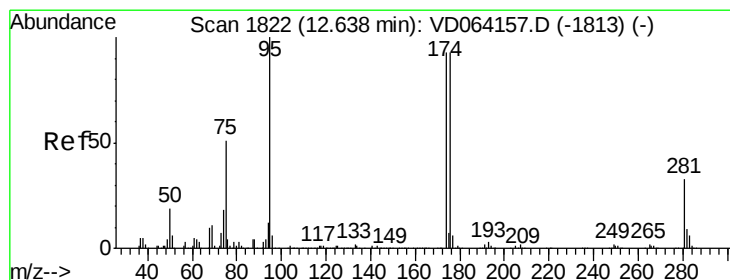
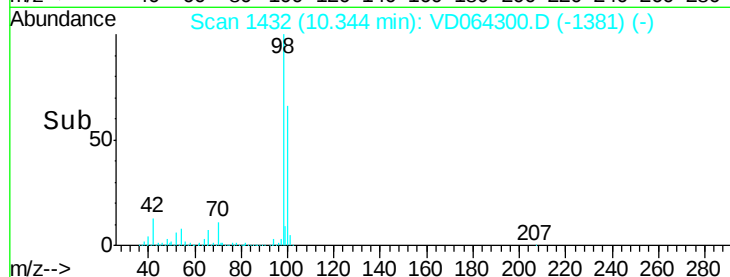
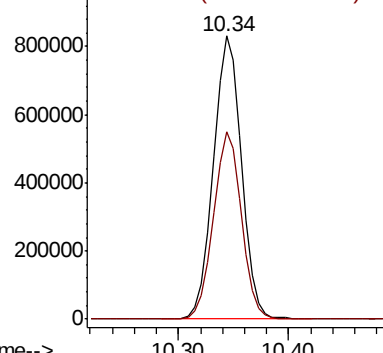
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.981 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

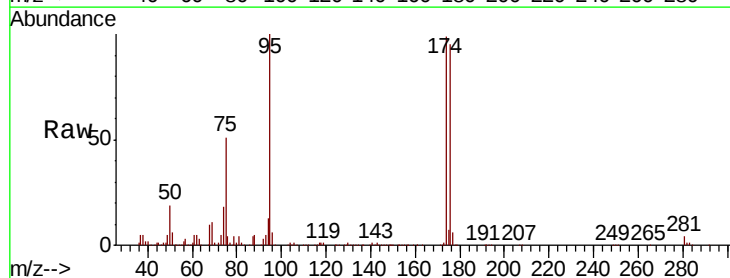
Tgt Ion: 95 Resp: 472152

Ion Ratio Lower Upper

95 100

174 97.3 0.0 183.6

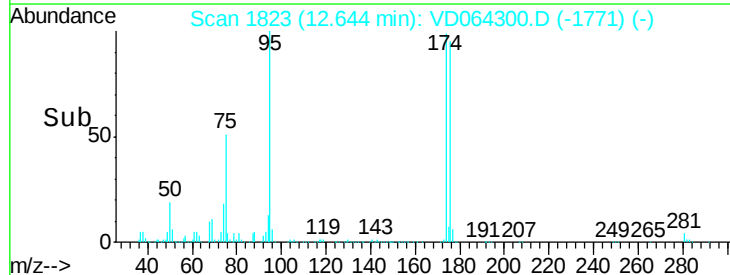
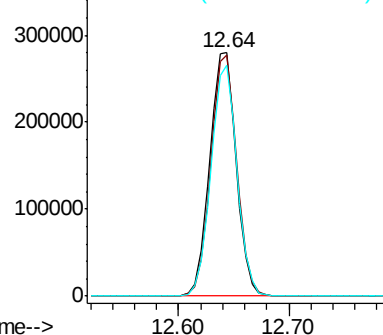
176 92.9 0.0 180.2

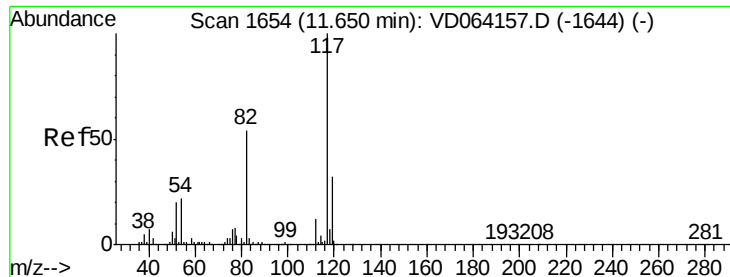


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

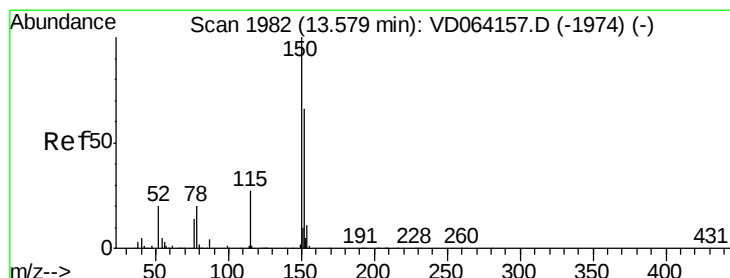
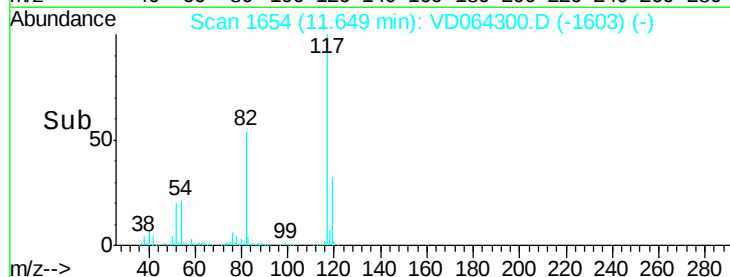
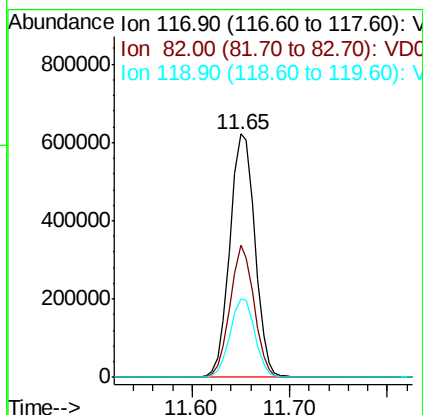
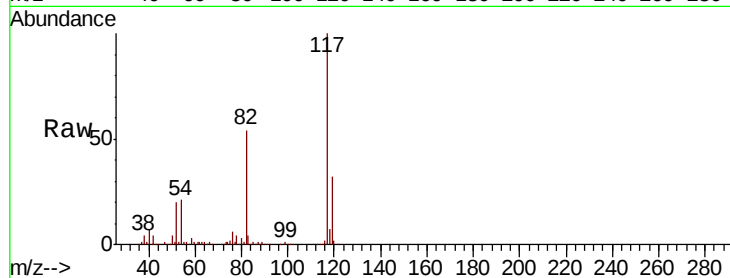




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Instrument :
MSVOA_D
ClientSampleId :
B-8

Tot Ion:117 Resp: 1111965
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Tgt Ion:152 Resp: 523524
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 153.3 0.0 351.6

