

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064229.D
 Acq On : 15 Nov 2019 16:04
 Operator : VA/SY
 Sample : K5858-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A

Quant Time: Nov 16 05:56:49 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

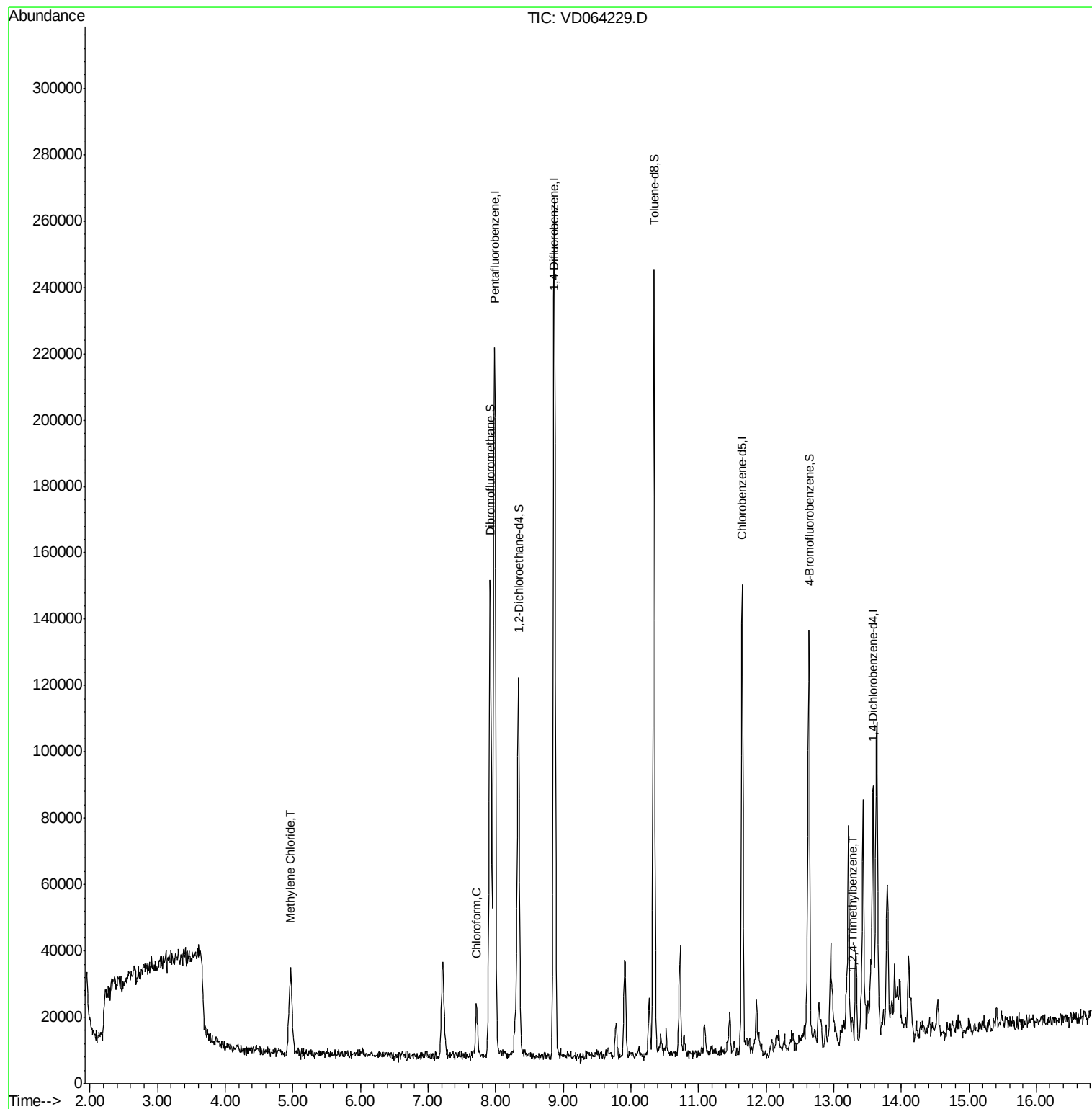
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	174832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	227972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	76624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	18628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	92043	64.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.02%	
35) Dibromofluoromethane	7.91	113	99093	75.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.44%	
50) Toluene-d8	10.34	98	163679	33.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.32%	
62) 4-Bromofluorobenzene	12.64	95	22093	12.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	25.84%	
Target Compounds						
20) Methylene Chloride	4.96	84	18108	10.524	ug/l	94
30) Chloroform	7.71	83	13048	4.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	4793	4.321	ug/l	92

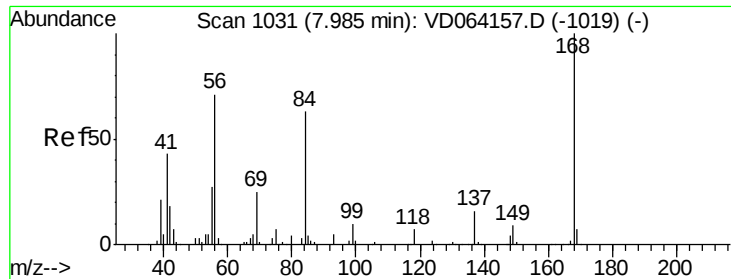
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

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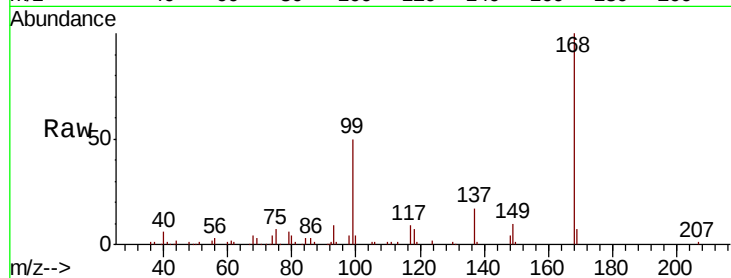
DRUM-A

Tot Ion:168 Resp: 174832

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

80000

60000

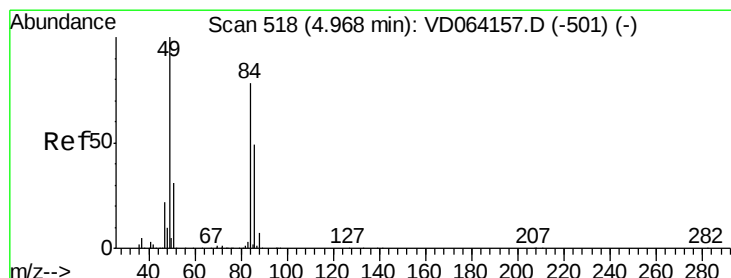
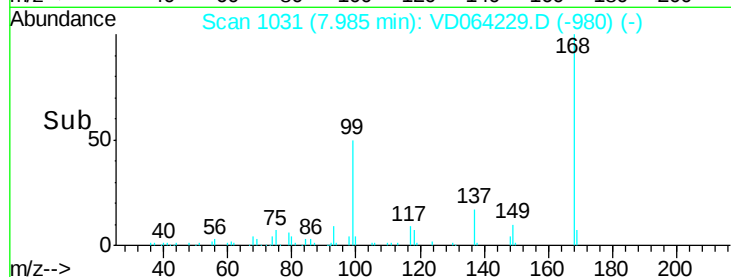
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 10.524 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Tgt Ion: 84 Resp: 18108

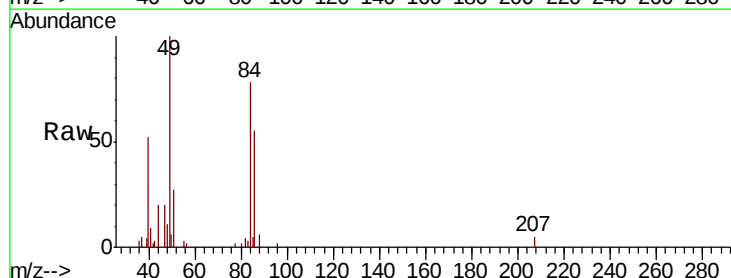
Ion Ratio Lower Upper

84 100

49 124.2 102.1 153.1

51 35.0 32.2 48.2

86 70.7 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): 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

12000

10000

8000

6000

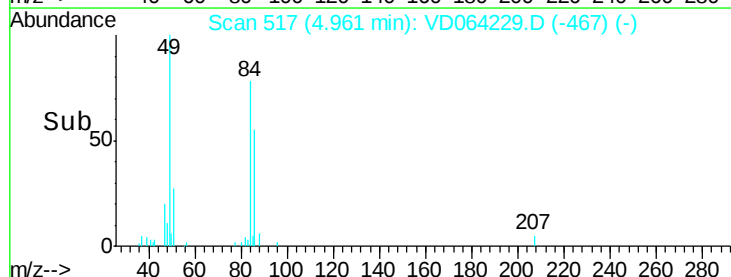
4000

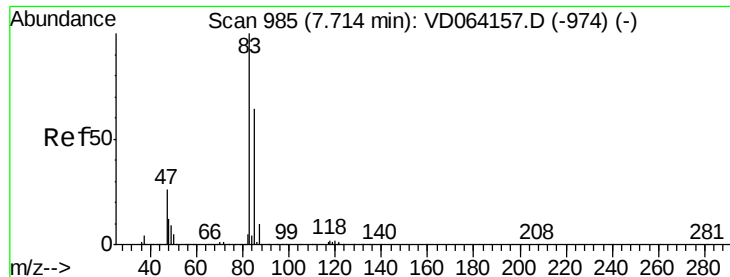
2000

0

Time-->

4.85 4.90 4.95 5.00 5.05

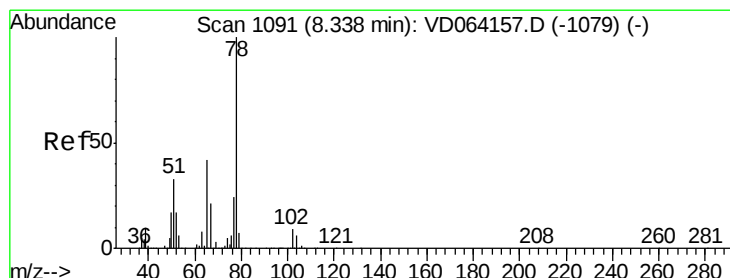
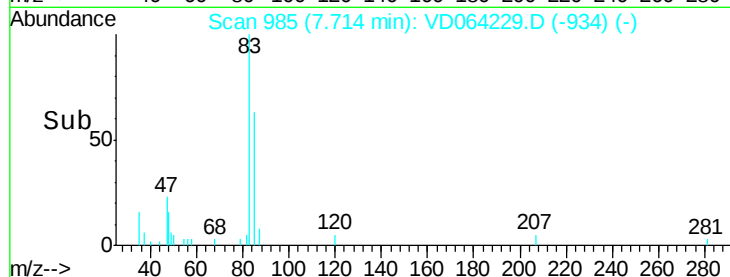
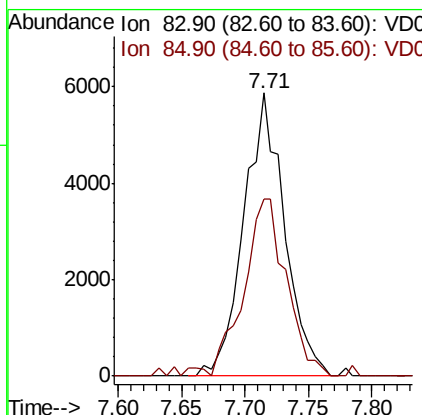
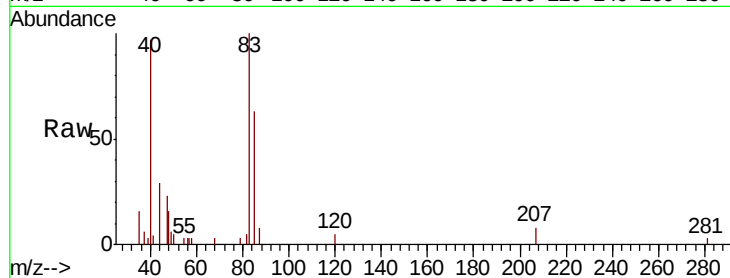




#30
Chloroform
Concen: 4.559 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

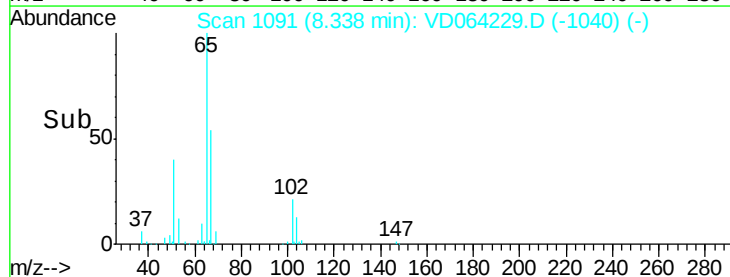
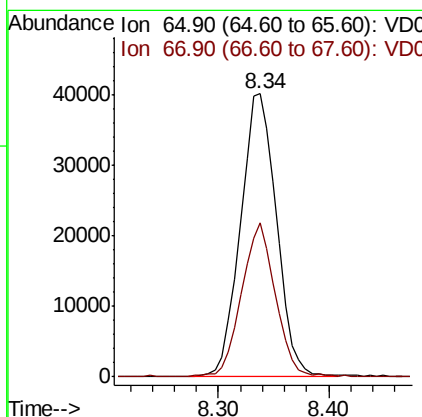
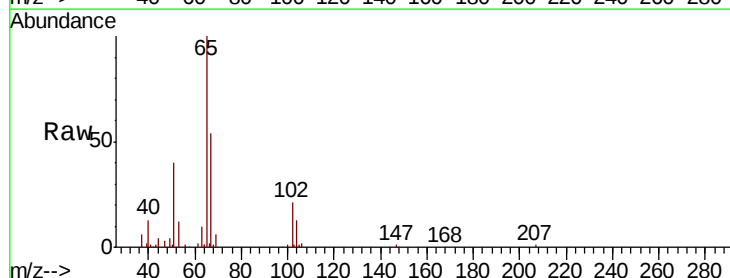
Instrument :
MSVOA_D
ClientSampleId :
DRUM-A

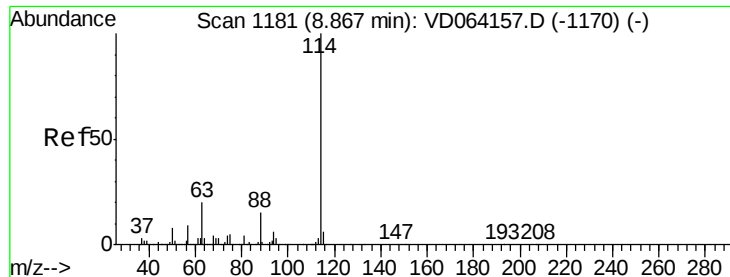
Tot Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 64.013 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion: 65 Resp: 92043
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

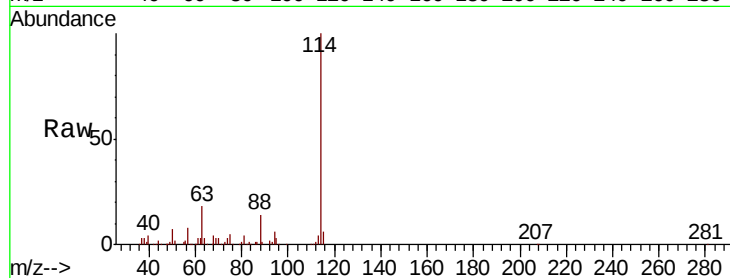




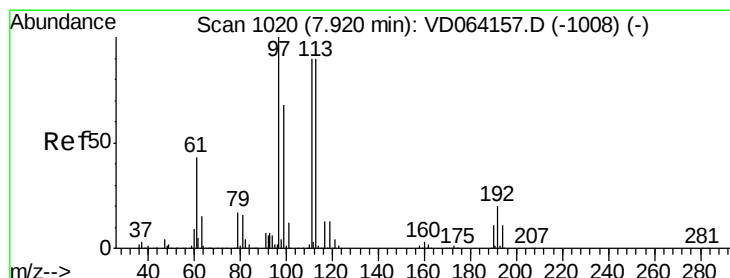
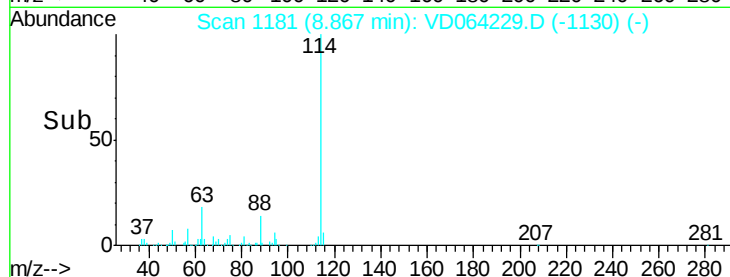
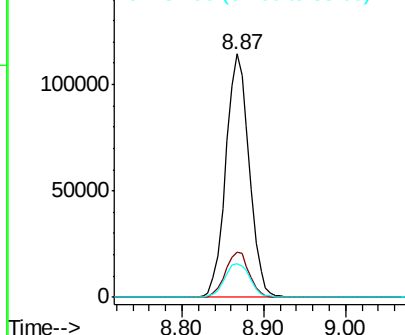
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A

Tot Ion:114 Resp: 227972
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 14.0 0.0 30.2

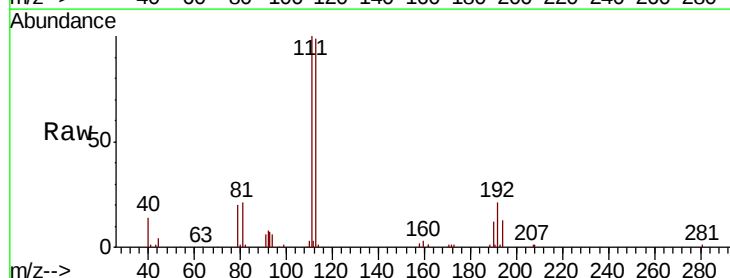


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

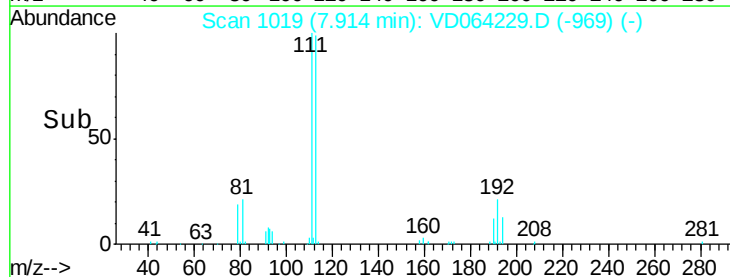
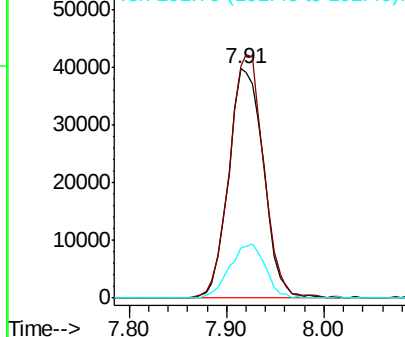


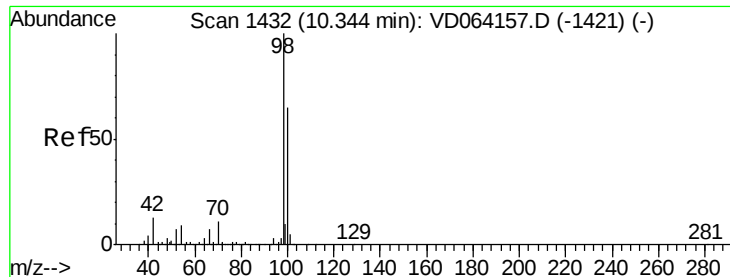
#35
 Dibromofluoromethane
 Concen: 75.725 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Tgt Ion:113 Resp: 99093
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.5 122.3
 192 24.1 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: 33.156 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

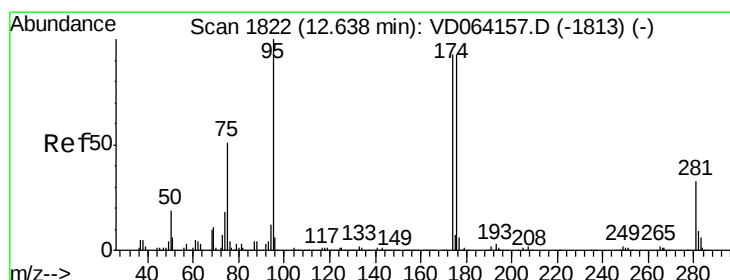
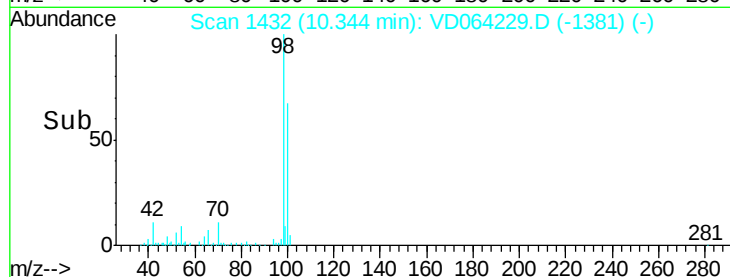
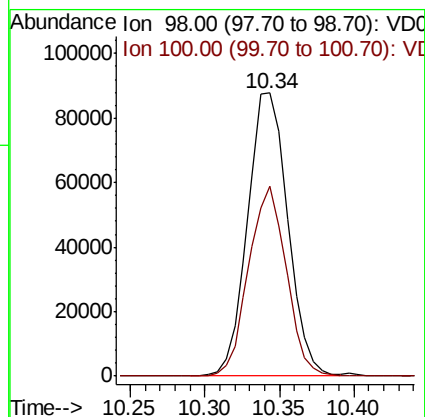
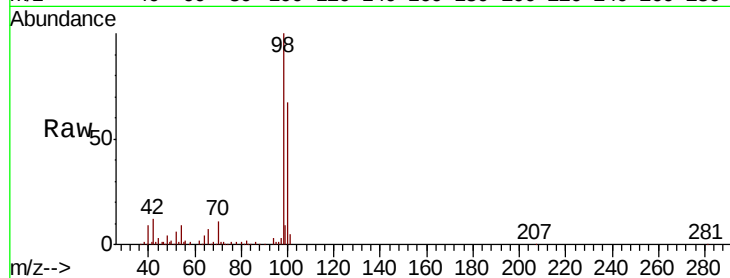
DRUM-A

Tot Ion: 98 Resp: 163679

Ion Ratio Lower Upper

98 100

100 62.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 12.923 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

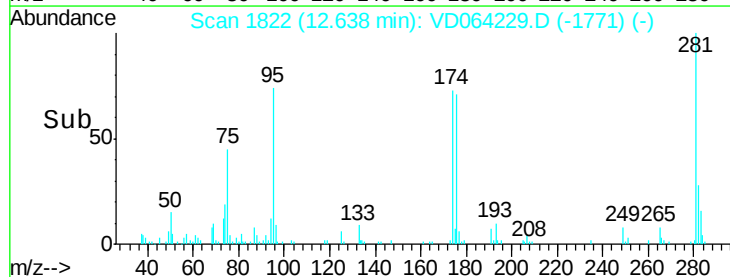
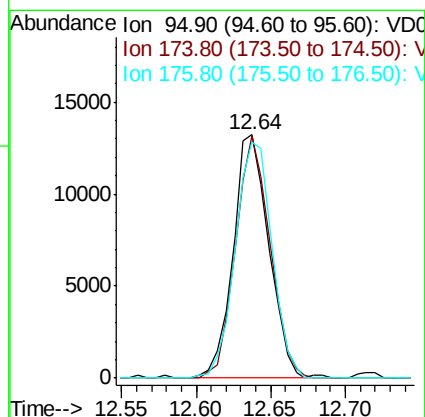
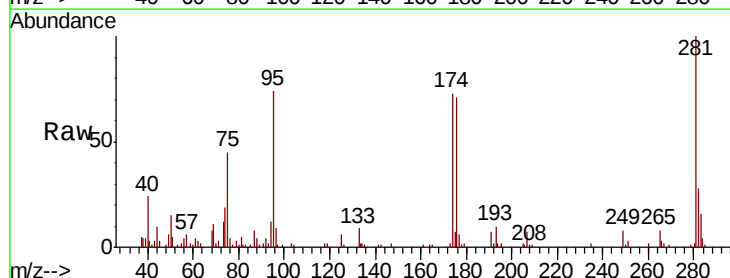
Tgt Ion: 95 Resp: 22093

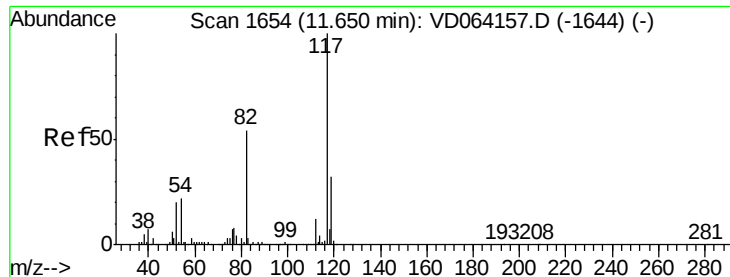
Ion Ratio Lower Upper

95 100

174 95.8 0.0 183.6

176 99.4 0.0 180.2

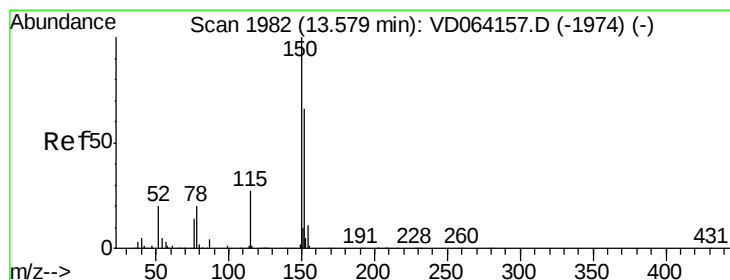
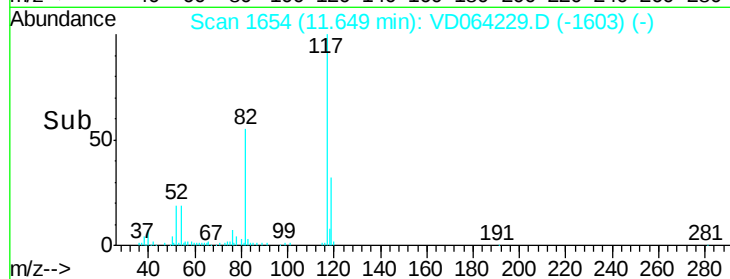
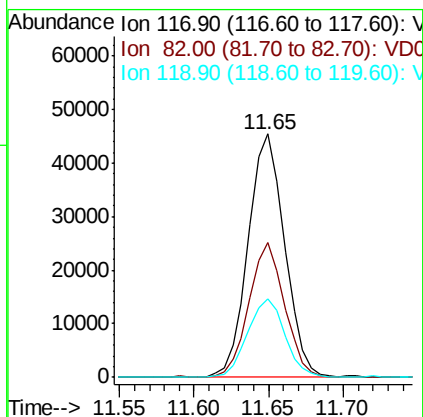
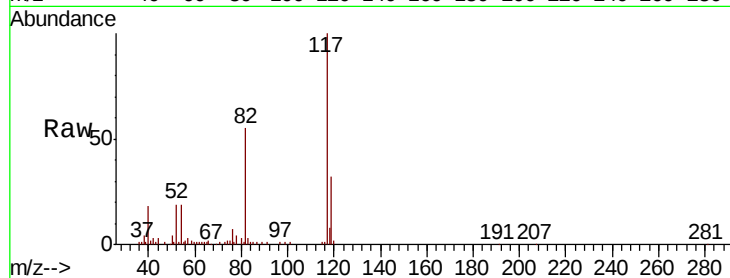




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

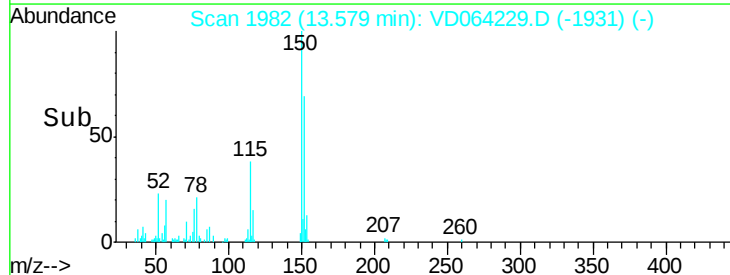
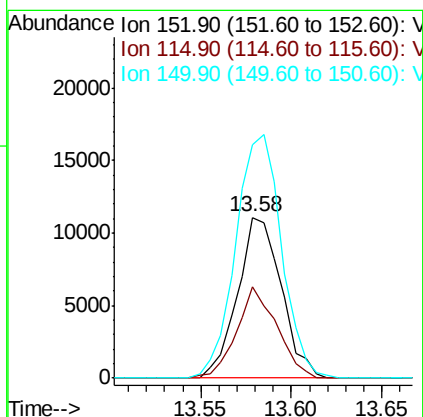
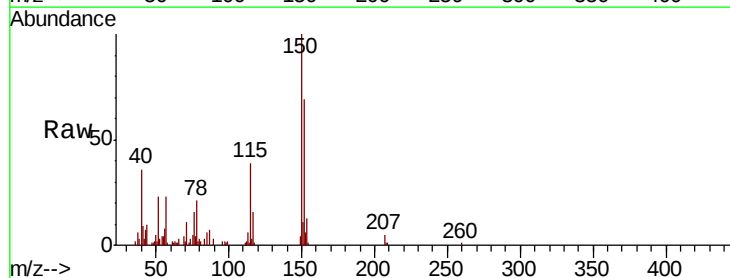
Instrument :
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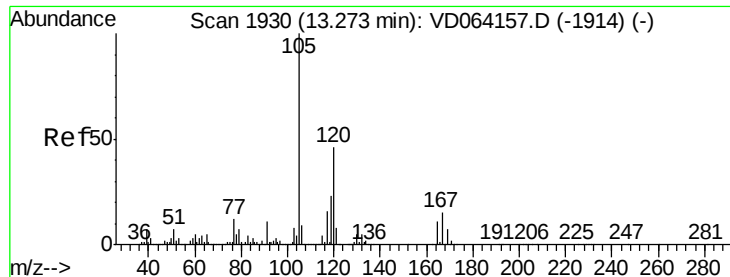
Tot Ion:117 Resp: 76624
Ion Ratio Lower Upper
117 100
82 55.5 42.8 64.2
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion:152 Resp: 18628
Ion Ratio Lower Upper
152 100
115 52.2 27.4 82.2
150 158.6 0.0 351.6





#84
 1,2,4-Trimethylbenzene
 Concen: 4.321 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A

Tot Ion:105 Resp: 4793
 Ion Ratio Lower Upper
 105 100
 120 52.1 23.3 69.8

