

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066566.D
 Acq On : 04 Sep 2020 16:40
 Operator : VA/SY
 Sample : L3876-10
 Misc : 1.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1451-52

Quant Time: Sep 05 05:15:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

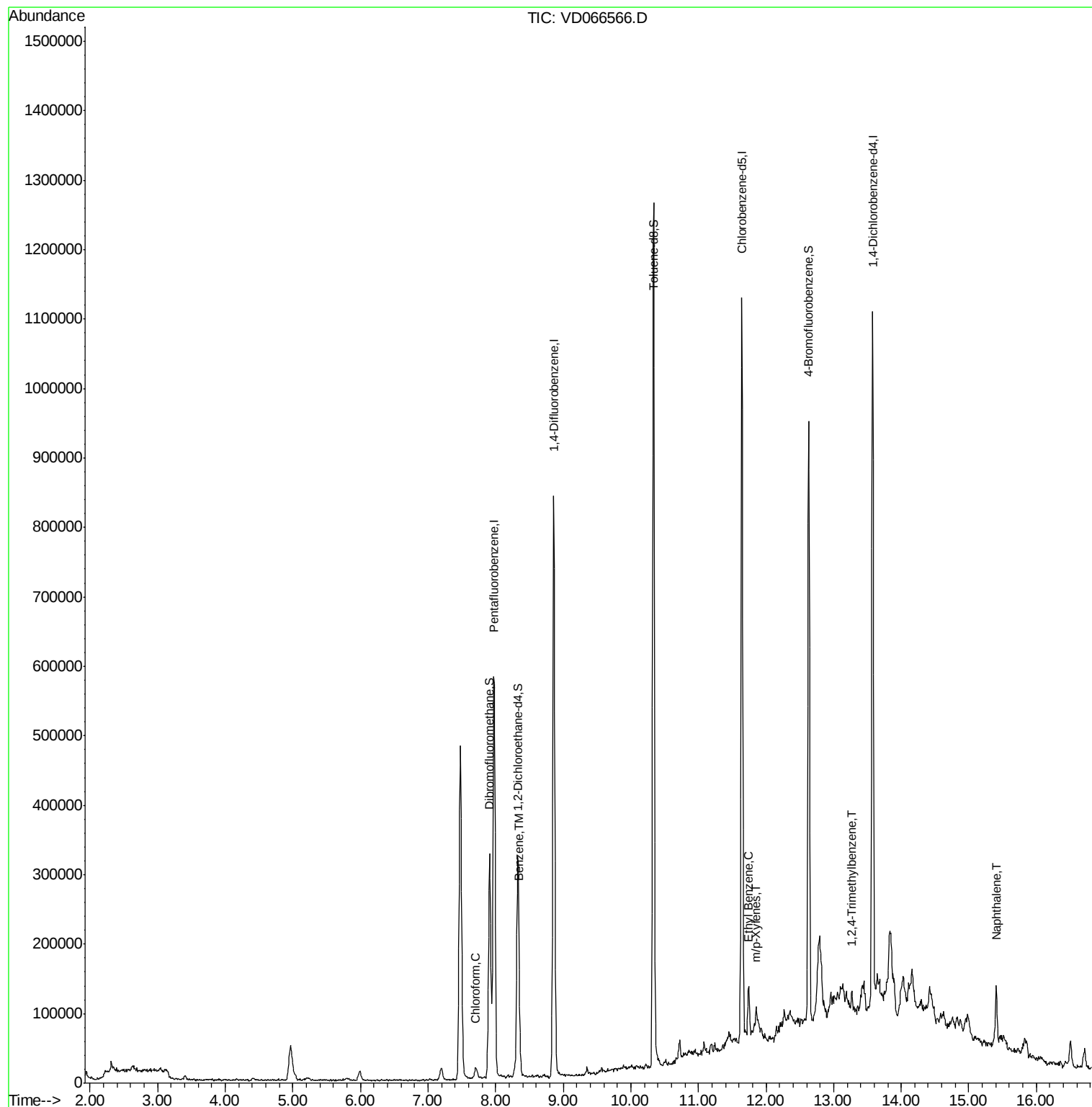
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	403078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	576594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	234621	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	7.91	113	222573	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.34	98	814737	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.63	95	263538	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
					Qvalue	
30) Chloroform	7.70	83	12833	1.409	ug/l #	71
40) Benzene	8.35	78	59148	3.027	ug/l	97
67) Ethyl Benzene	11.74	91	52842	2.418	ug/l	98
68) m/p-Xylenes	11.86	106	9122	1.124	ug/l	90
84) 1,2,4-Trimethylbenzene	13.27	105	17367	1.121	ug/l	96
95) Naphthalene	15.41	128	75638	10.089	ug/l	97

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

Instrument :

MSVOA_D

ClientSampleId :

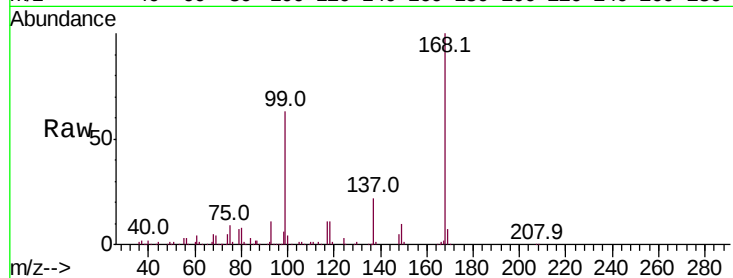
1451-52

Tot Ion:168 Resp: 403078

Ion Ratio Lower Upper

168 100

99 62.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

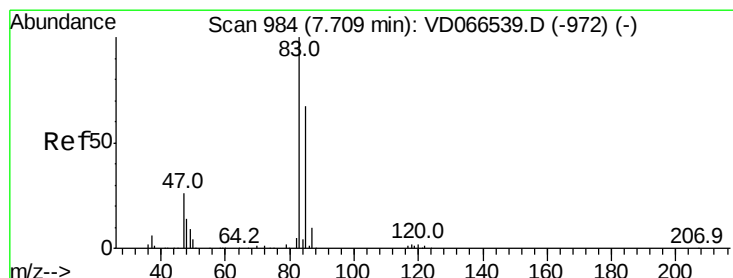
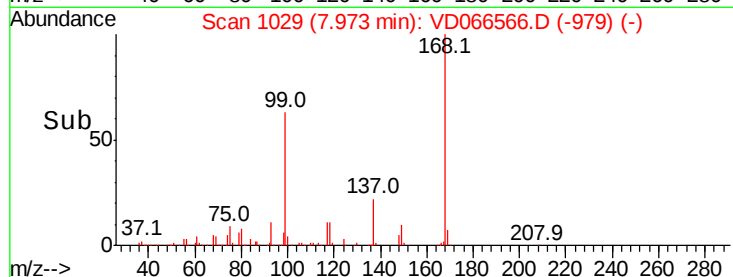
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.409 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD066566.D

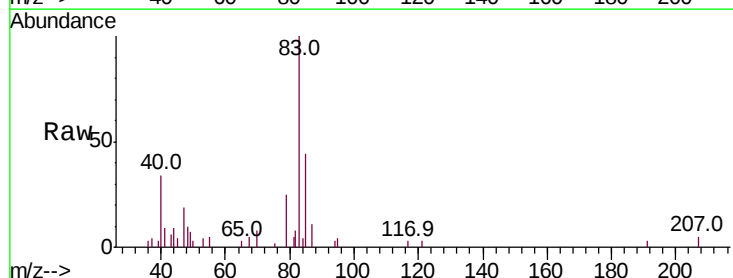
Acq: 04 Sep 2020 16:40

Tgt Ion: 83 Resp: 12833

Ion Ratio Lower Upper

83 100

85 43.7 53.6 80.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.70

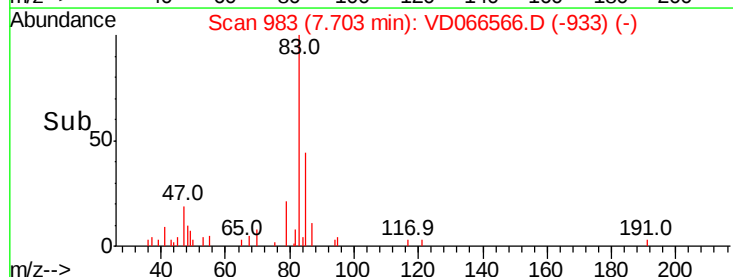
6000

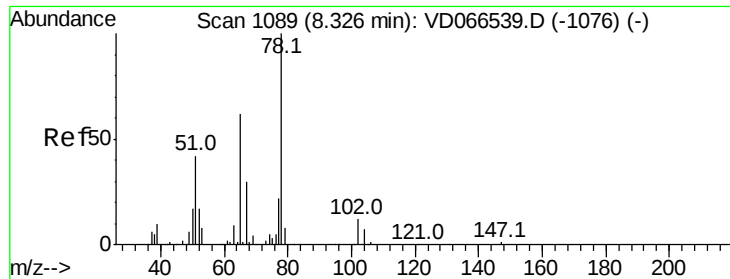
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Time-->

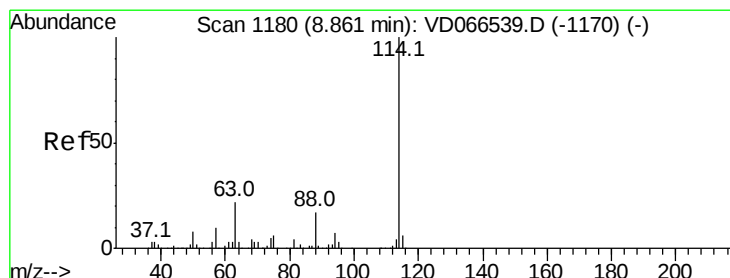
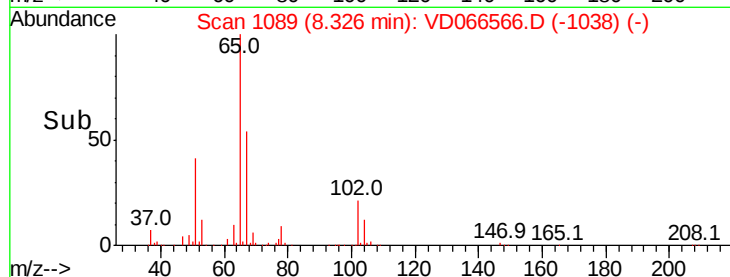
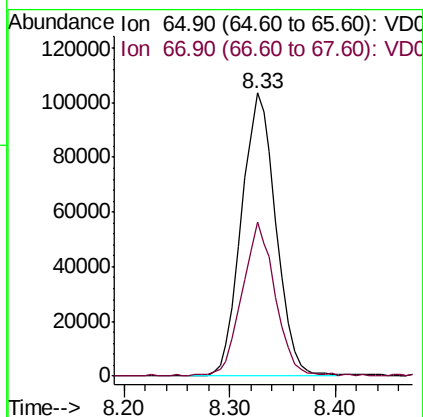
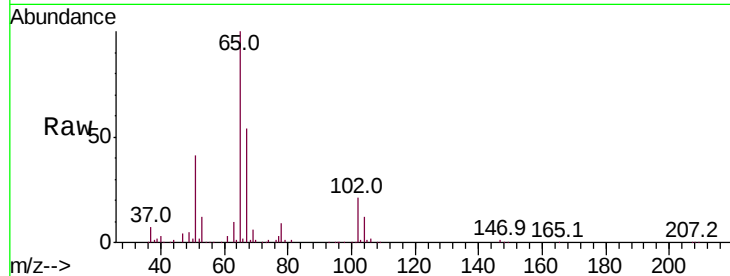




#33
 1,2-Dichloroethane-d4
 Concen: 48.109 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066566.D
 Acq: 04 Sep 2020 16:40

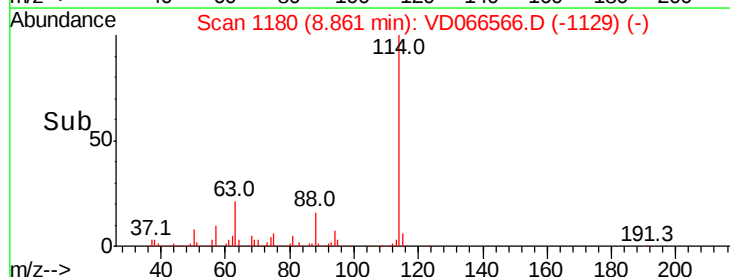
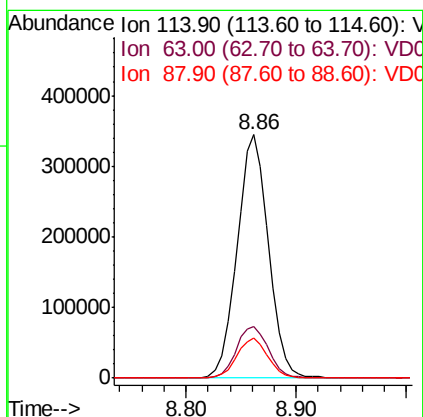
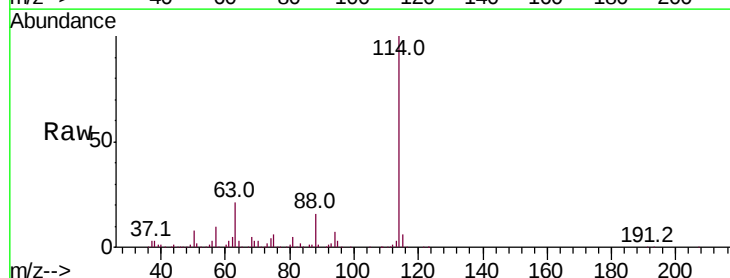
Instrument :
 MSVOA_D
 ClientSampleId :
 1451-52

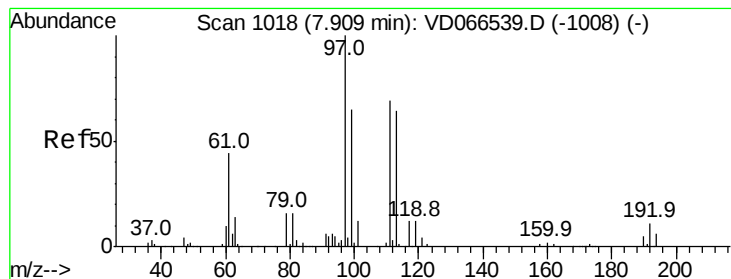
Tot Ion: 65 Resp: 234621
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066566.D
 Acq: 04 Sep 2020 16:40

Tgt Ion:114 Resp: 685536
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.127 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

Instrument :

MSVOA_D

ClientSampleId :

1451-52

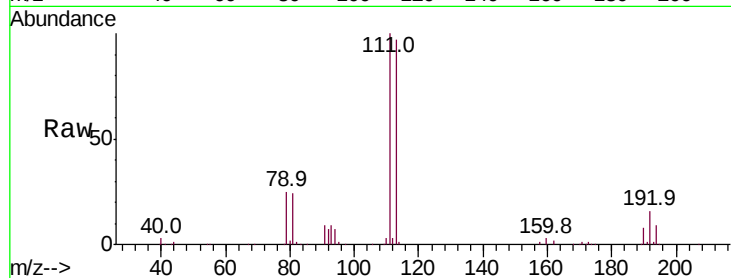
Tot Ion:113 Resp: 222573

Ion Ratio Lower Upper

113 100

111 104.7 83.2 124.8

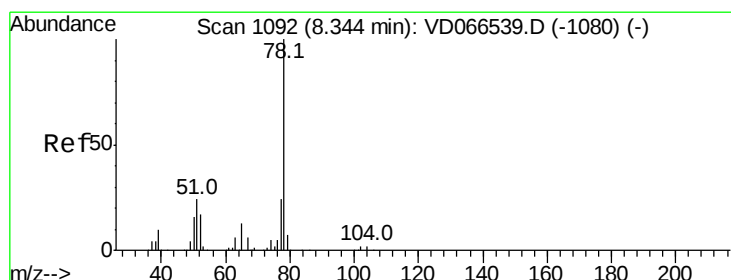
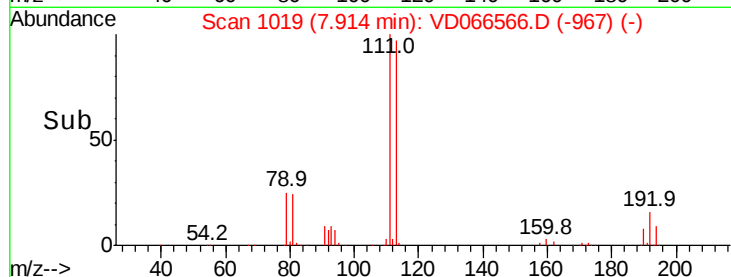
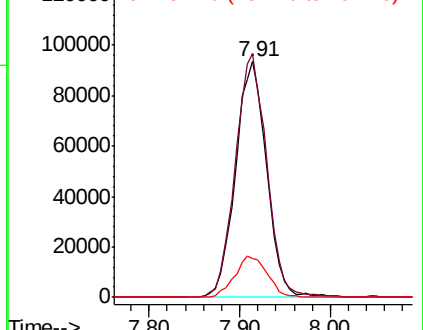
192 18.2 13.7 20.5



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



#40

Benzene

Concen: 3.027 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD066566.D

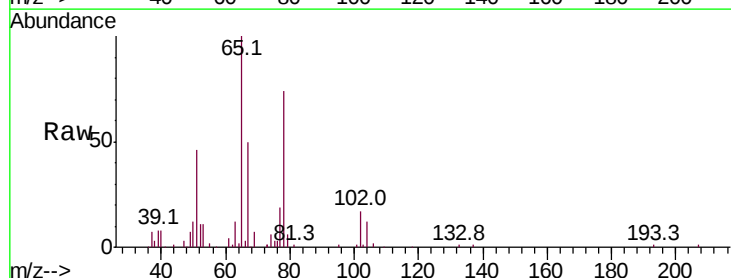
Acq: 04 Sep 2020 16:40

Tgt Ion: 78 Resp: 59148

Ion Ratio Lower Upper

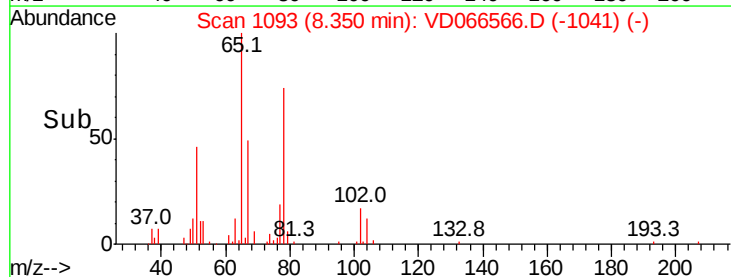
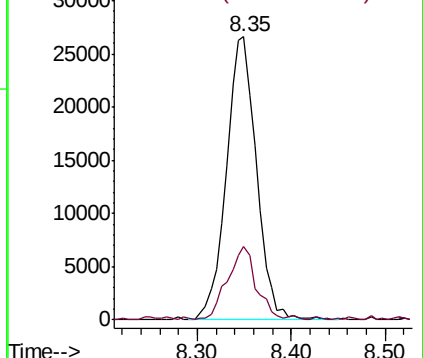
78 100

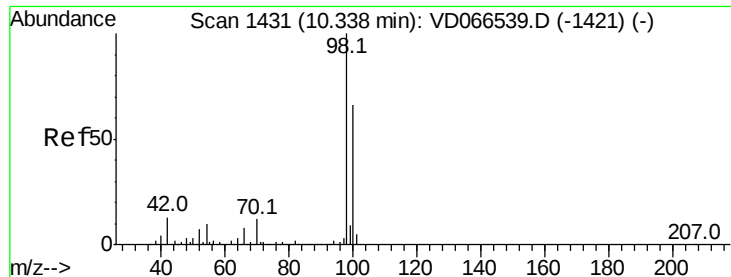
77 25.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 49.290 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

Instrument :

MSVOA_D

ClientSampleId :

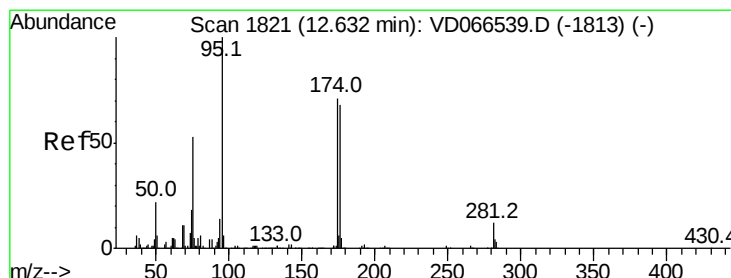
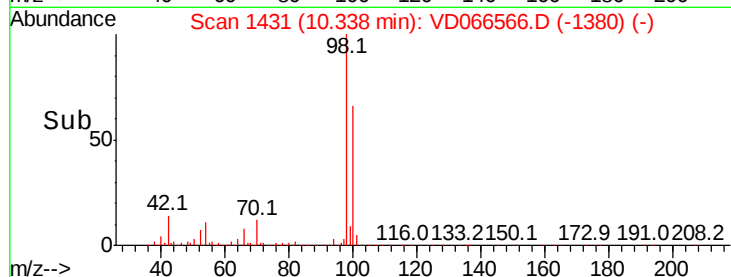
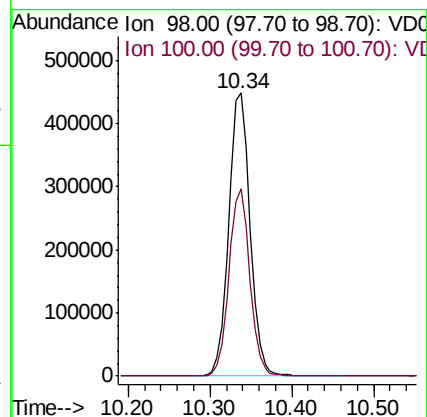
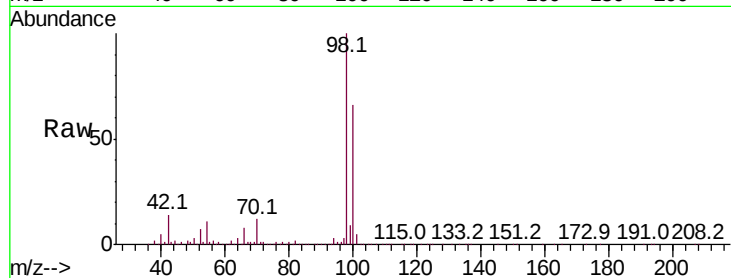
1451-52

Tot Ion: 98 Resp: 814737

Ion Ratio Lower Upper

98 100

100 64.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.083 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

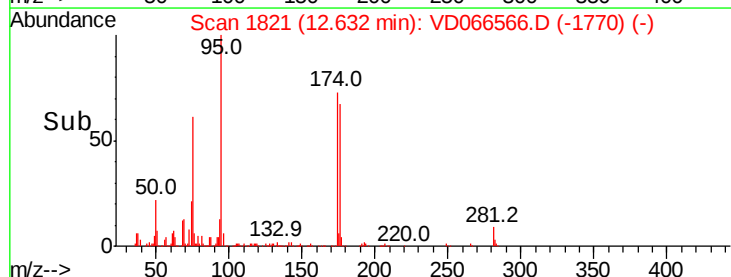
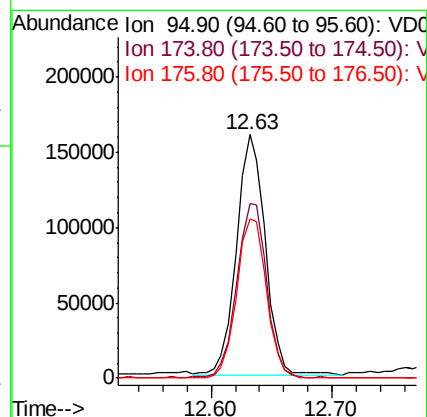
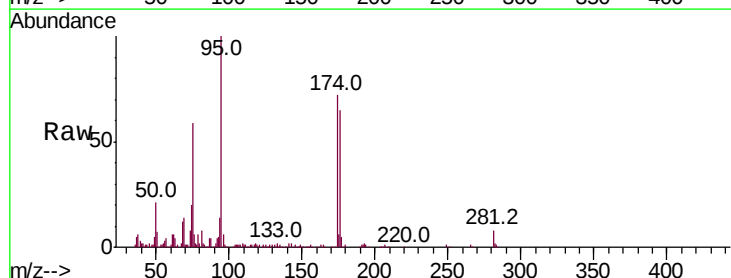
Tgt Ion: 95 Resp: 263538

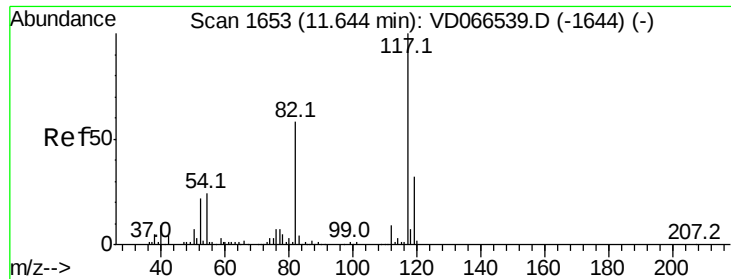
Ion Ratio Lower Upper

95 100

174 75.7 0.0 155.8

176 69.4 0.0 148.6

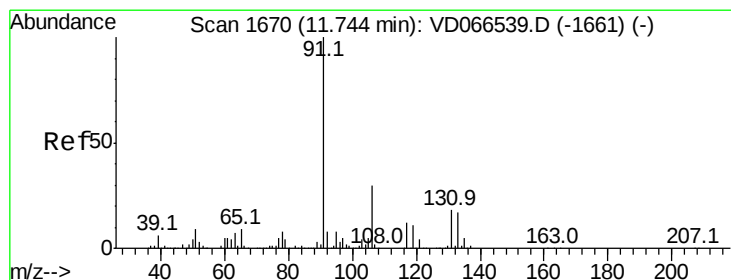
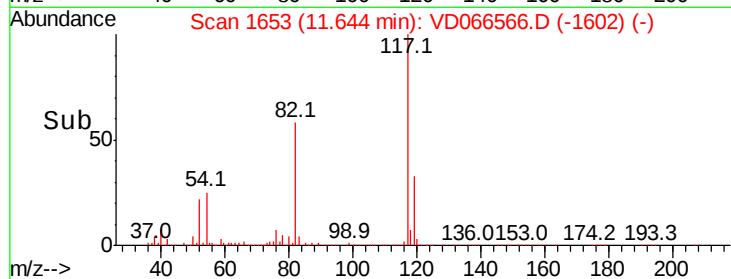
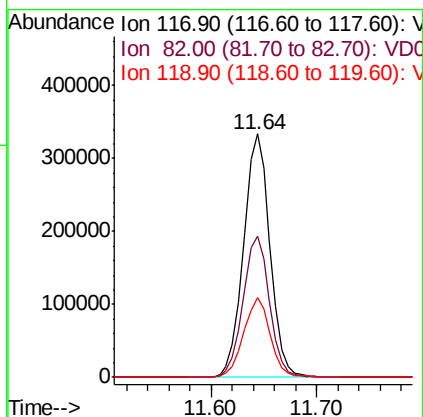
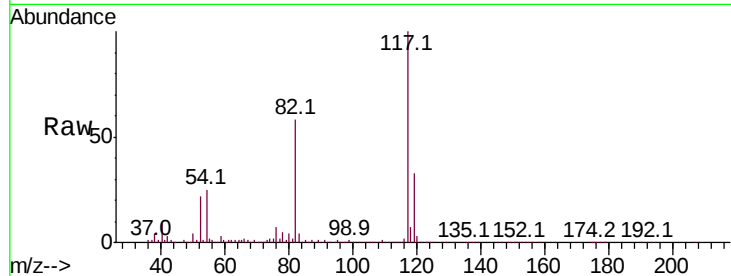




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066566.D
Acq: 04 Sep 2020 16:40

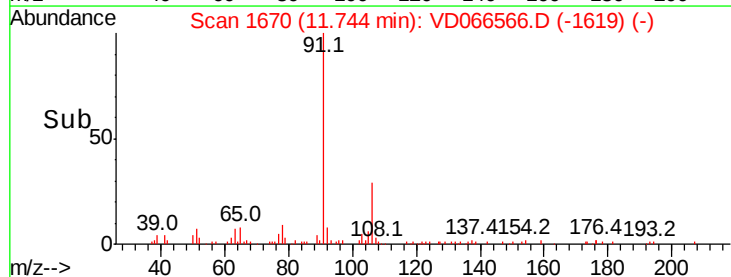
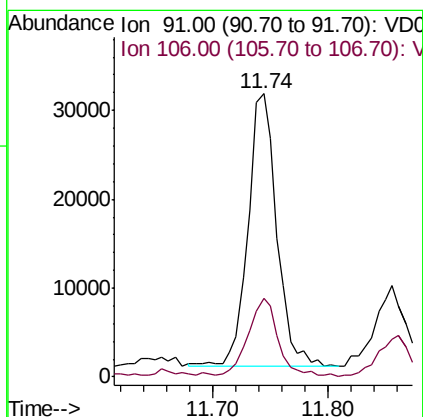
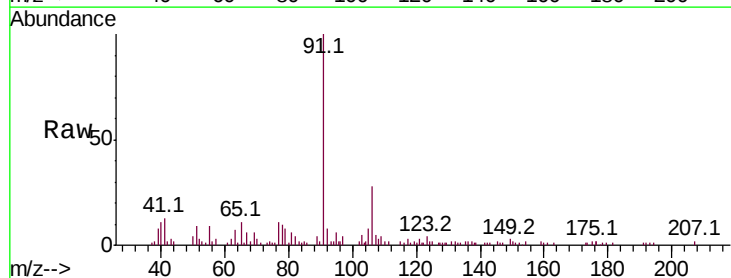
Instrument :
MSVOA_D
ClientSampleId :
1451-52

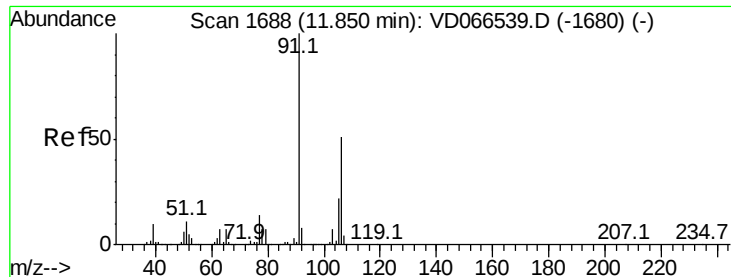
Tot Ion:117 Resp: 576594
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.2
119 32.8 25.8 38.8



#67
Ethyl Benzene
Concen: 2.418 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066566.D
Acq: 04 Sep 2020 16:40

Tgt Ion: 91 Resp: 52842
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5

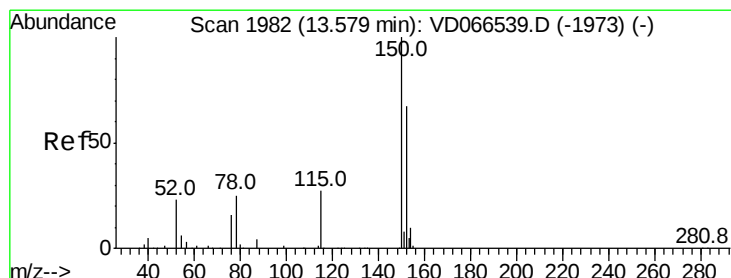
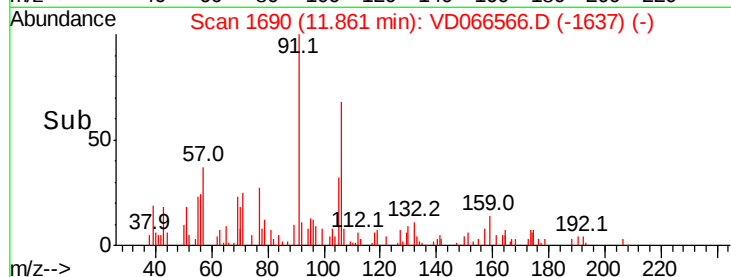
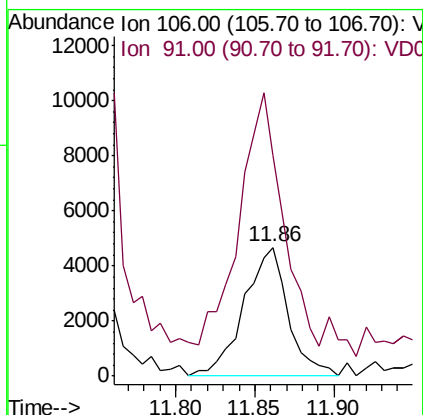
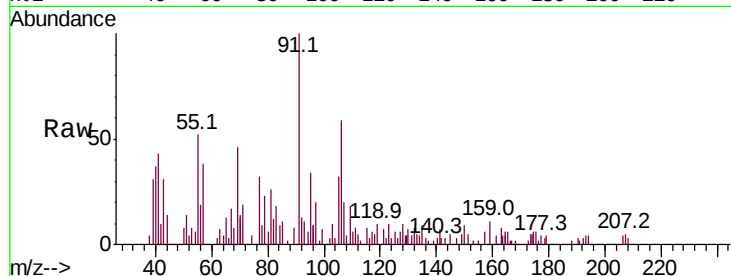




#68
m/p-Xvlenes
Concen: 1.124 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD066566.D
Acq: 04 Sep 2020 16:40

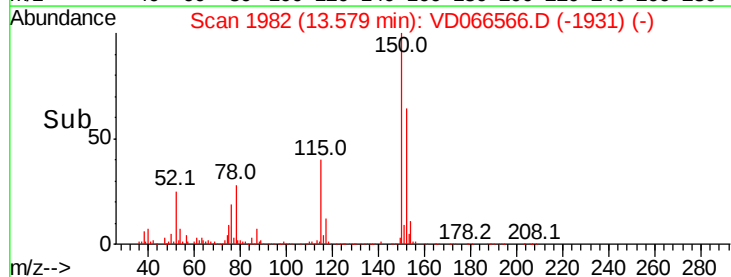
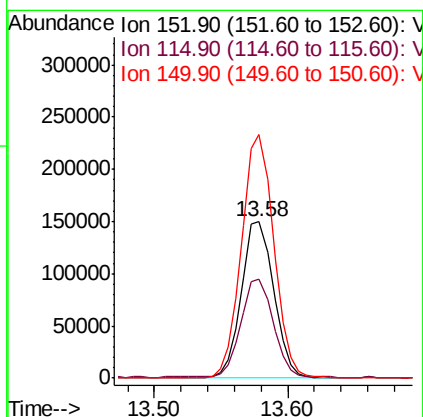
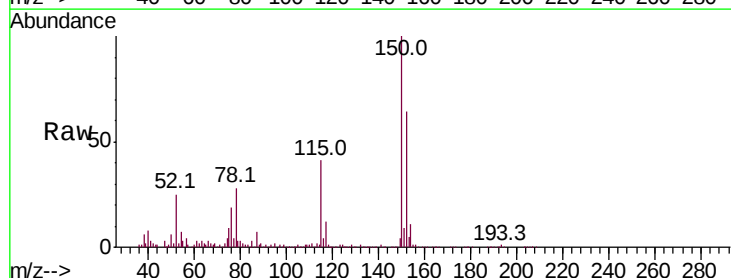
Instrument :
MSVOA_D
ClientSampleId :
1451-52

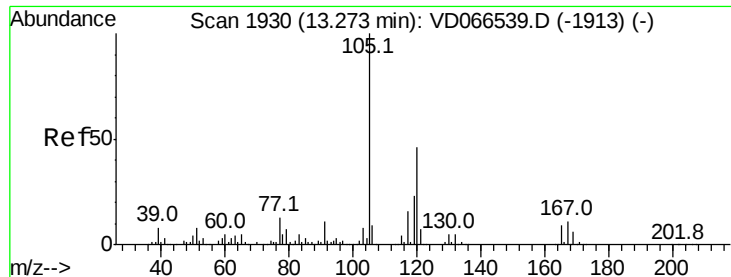
Tot Ion:106 Resp: 9122
Ion Ratio Lower Upper
106 100
91 187.2 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066566.D
Acq: 04 Sep 2020 16:40

Tgt Ion:152 Resp: 249593
Ion Ratio Lower Upper
152 100
115 63.1 30.4 91.2
150 155.7 0.0 345.8





#84

1,2,4-Trimethylbenzene

Concen: 1.121 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

Instrument :

MSVOA_D

ClientSampleId :

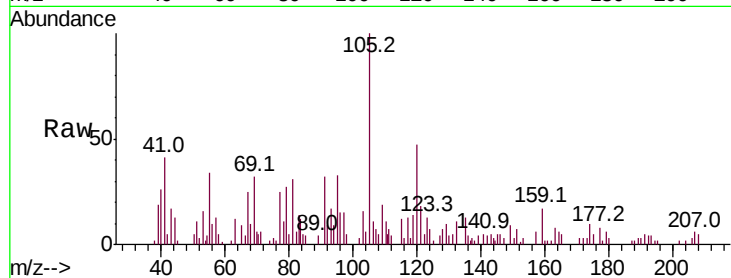
1451-52

Tot Ion:105 Resp: 17367

Ion Ratio Lower Upper

105 100

120 42.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

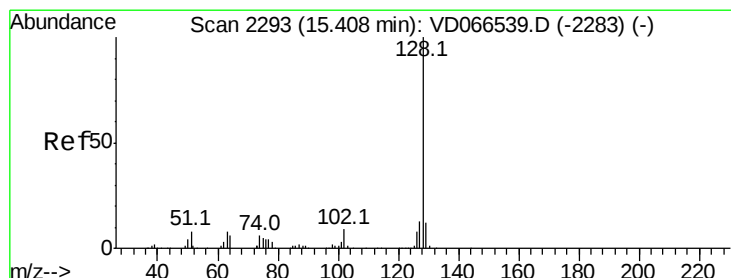
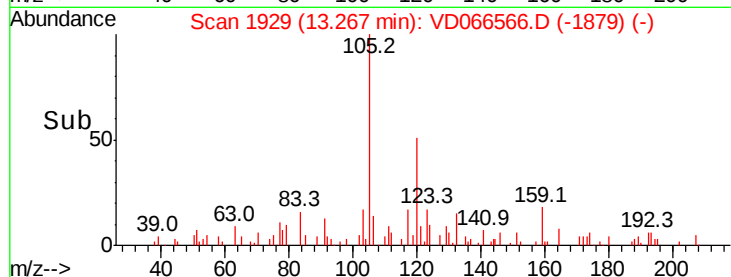
4000

2000

0

13.20 13.25 13.30

Time-->



#95

Naphthalene

Concen: 10.089 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066566.D

Acq: 04 Sep 2020 16:40

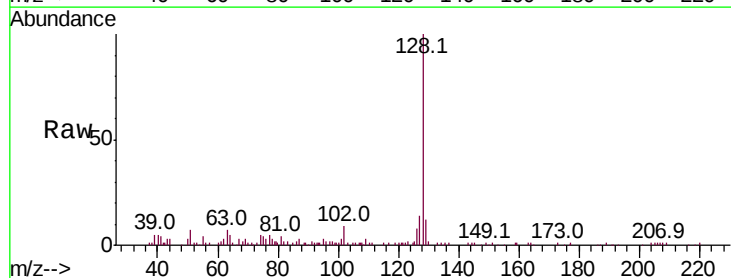
Tgt Ion:128 Resp: 75638

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 13.6 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

50000

40000

30000

20000

10000

0

15.40 15.50

Time-->

