

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066153.D
 Acq On : 07 Aug 2020 13:07
 Operator : VA/SY
 Sample : L3555-01
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-23729

Quant Time: Aug 10 08:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

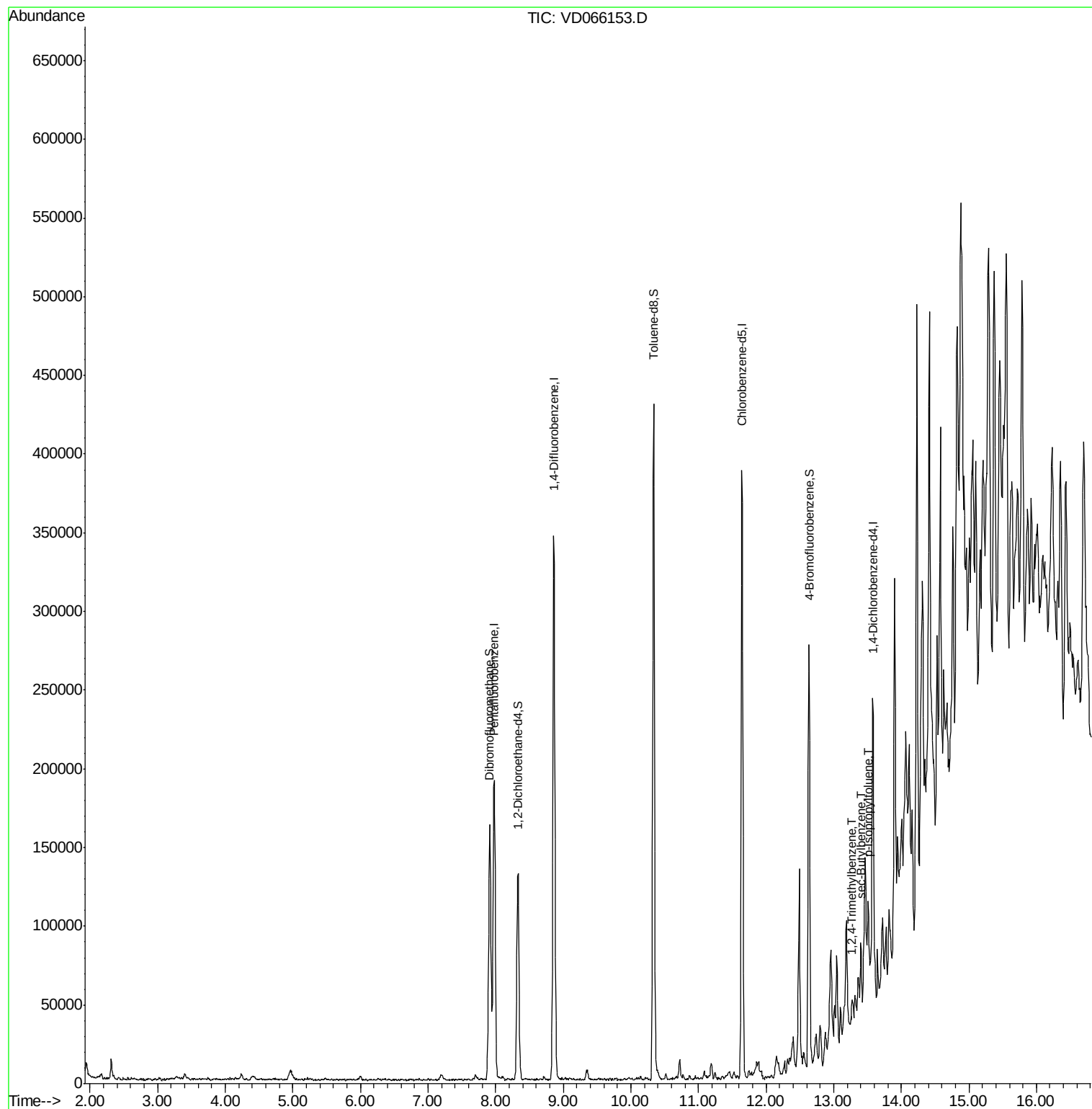
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	307191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	230558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	52836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104468	77.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.60%	
35) Dibromofluoromethane	7.91	113	115265	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
50) Toluene-d8	10.34	98	292088	40.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.34%	
62) 4-Bromofluorobenzene	12.64	95	82461	31.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.72%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	8878	3.008	ug/l	96
85) sec-Butylbenzene	13.41	105	22147	6.324	ug/l	98
86) p-Isopropyltoluene	13.52	119	14125	4.300	ug/l	94

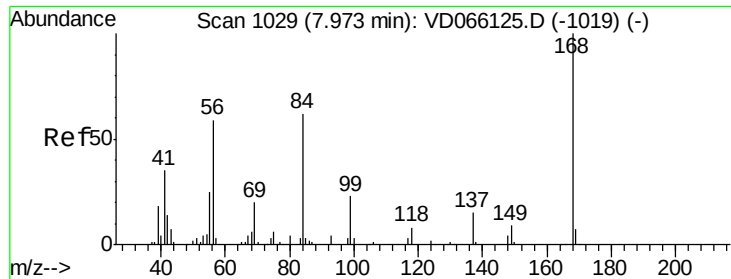
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080720\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066153.D

Acq: 07 Aug 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

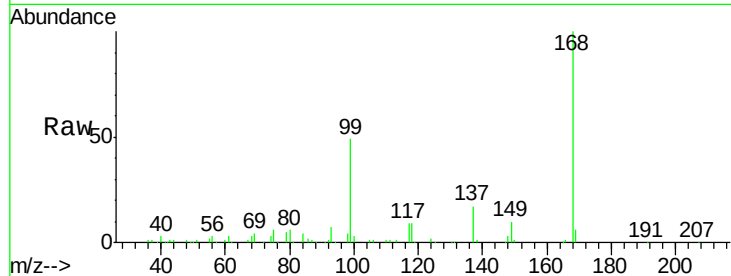
N-23729

Tot Ion:168 Resp: 150511

Ion Ratio Lower Upper

168 100

99 49.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

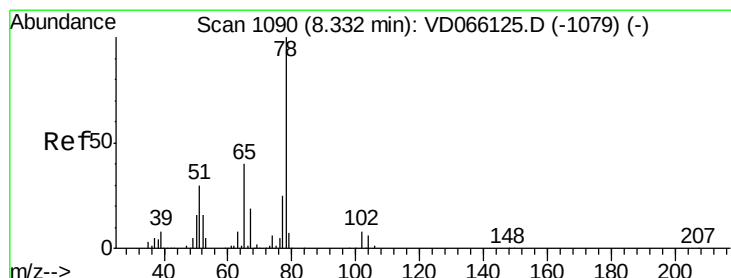
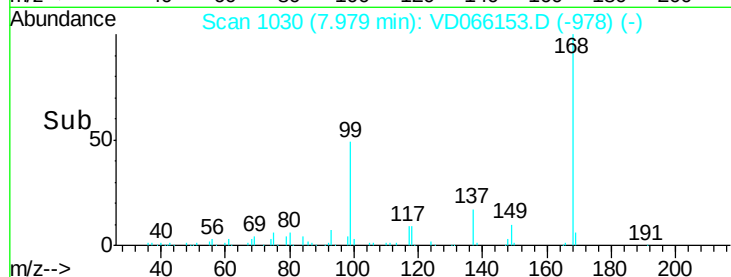
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 77.799 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066153.D

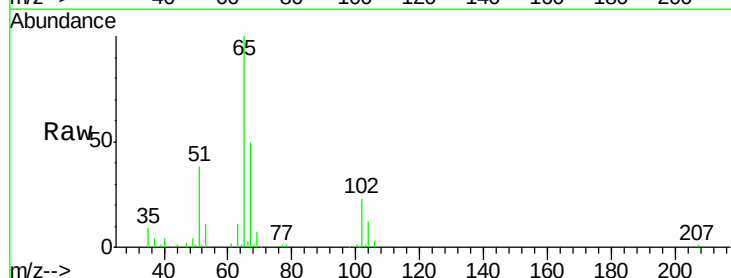
Acq: 07 Aug 2020 13:07

Tgt Ion: 65 Resp: 104468

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

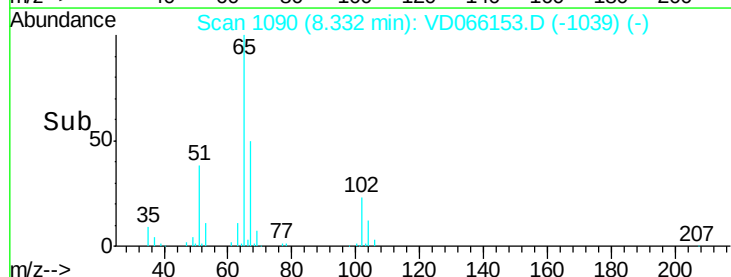
20000

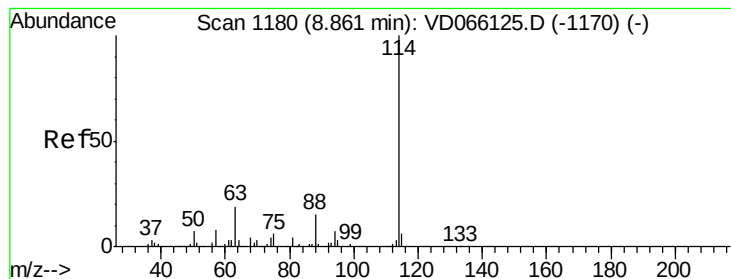
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066153.D

Acq: 07 Aug 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

N-23729

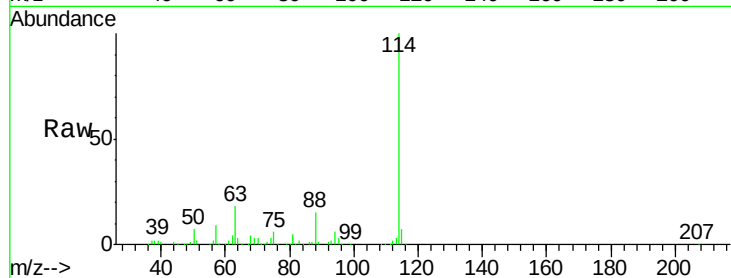
Tot Ion:114 Resp: 307191

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.6

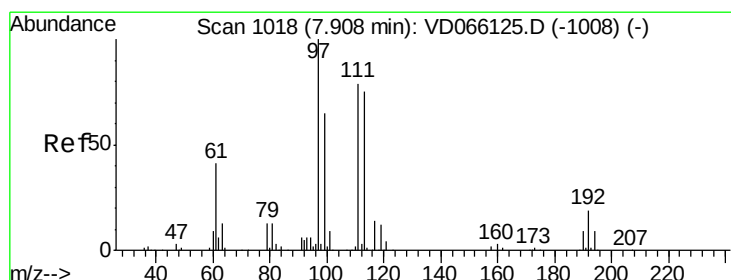
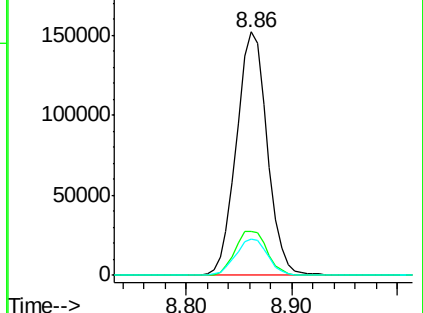
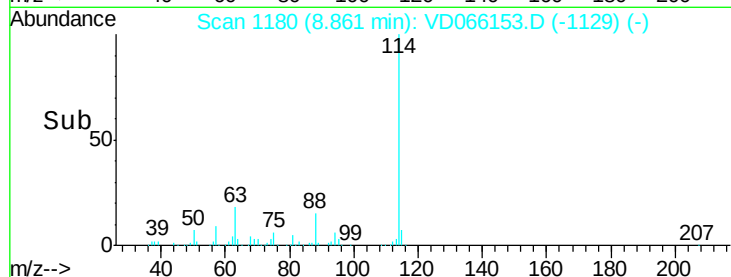
88 14.8 0.0 30.0



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: 59.231 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066153.D

Acq: 07 Aug 2020 13:07

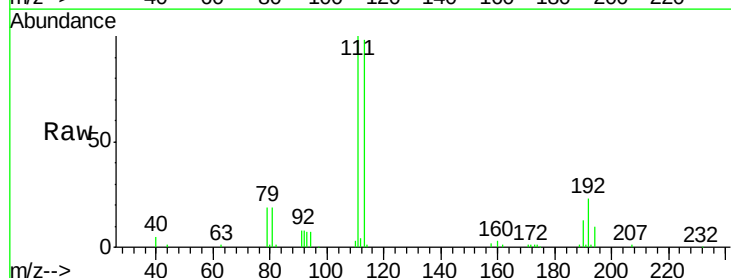
Tgt Ion:113 Resp: 115265

Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

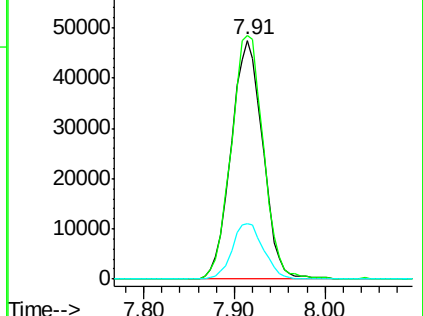
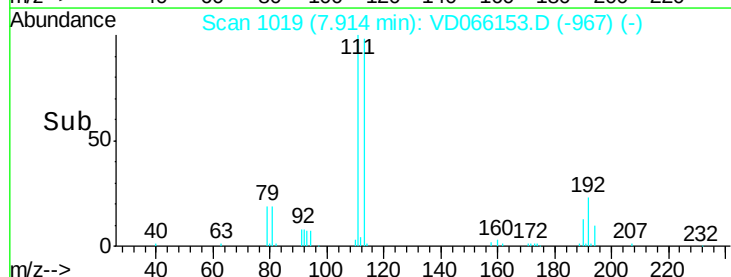
192 23.1 18.4 27.6

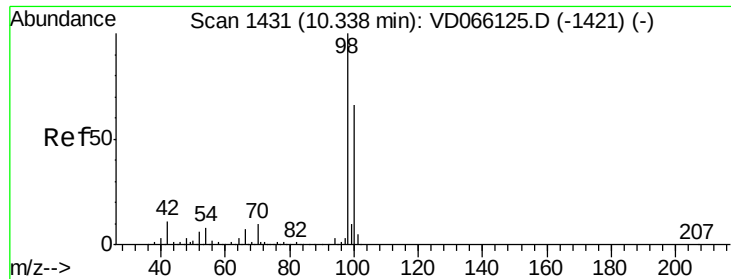


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.673 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066153.D

Acq: 07 Aug 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

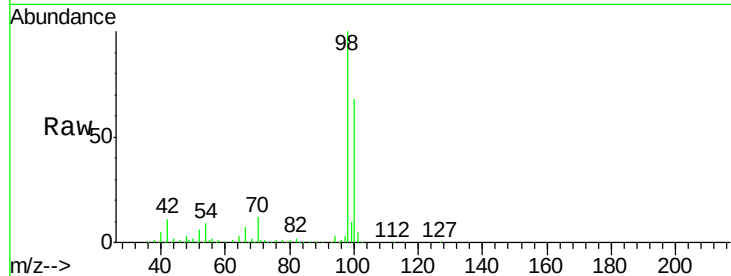
N-23729

Tot Ion: 98 Resp: 292088

Ion Ratio Lower Upper

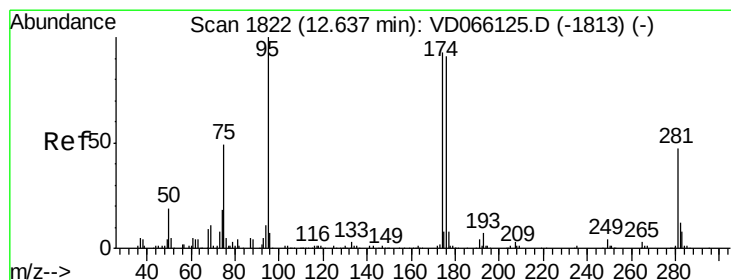
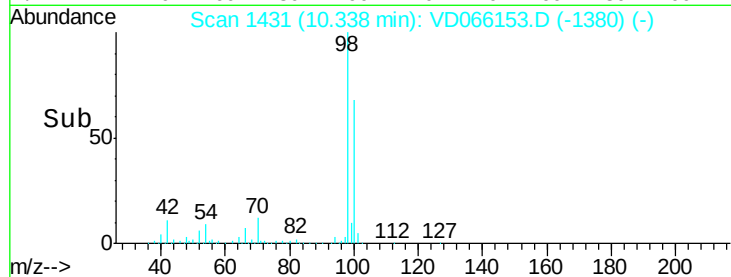
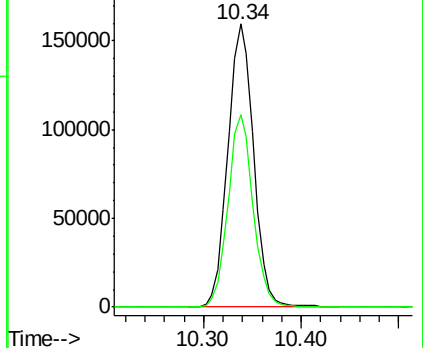
98 100

100 65.9 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: 31.856 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066153.D

Acq: 07 Aug 2020 13:07

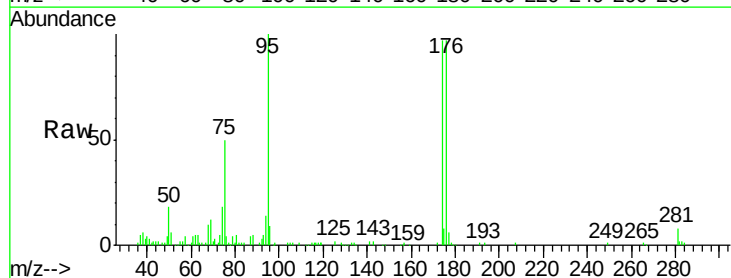
Tgt Ion: 95 Resp: 82461

Ion Ratio Lower Upper

95 100

174 92.8 0.0 180.8

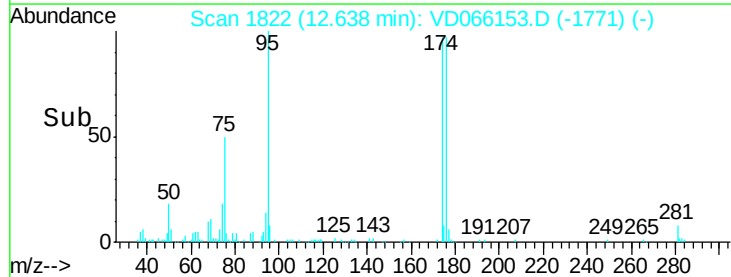
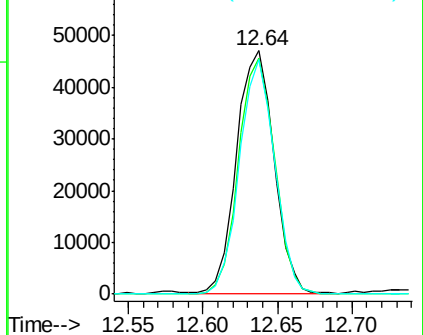
176 90.1 0.0 181.2

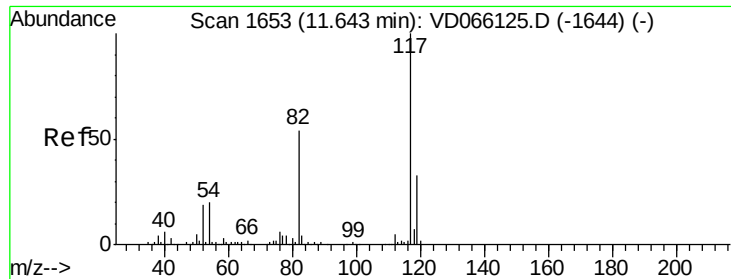


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

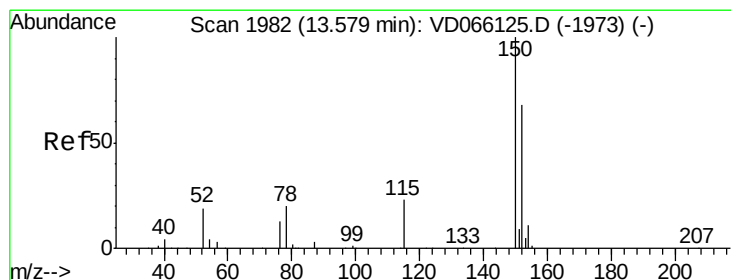
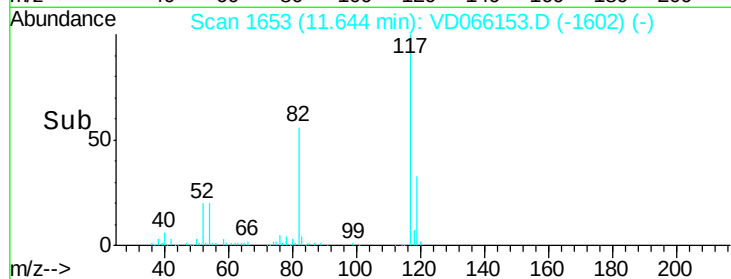
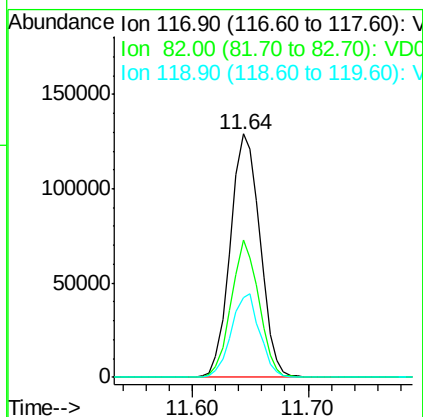
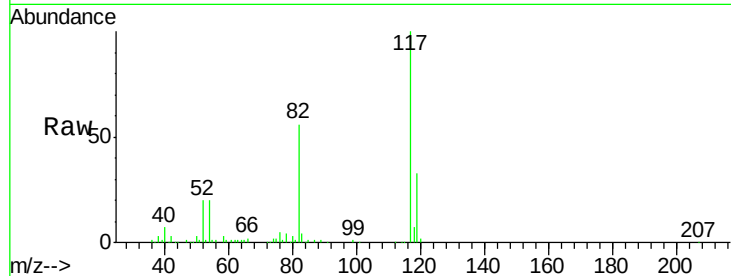




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066153.D
Acq: 07 Aug 2020 13:07

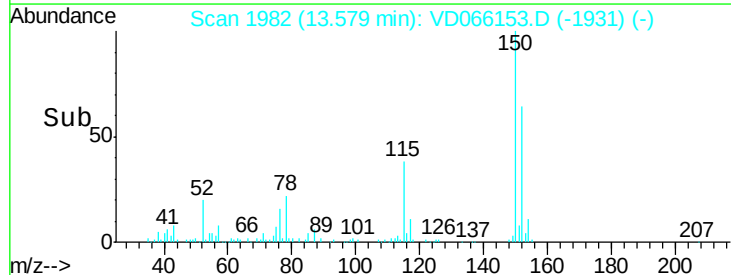
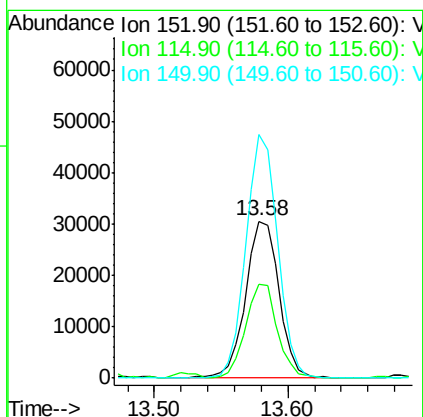
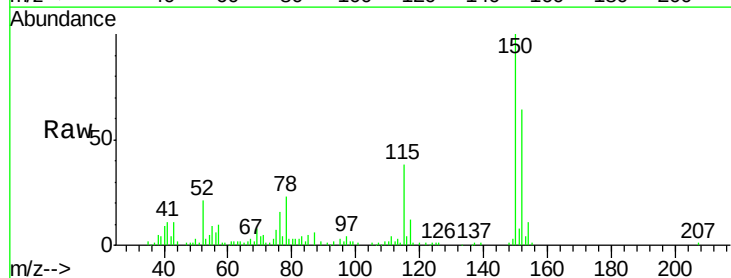
Instrument :
MSVOA_D
ClientSampleId :
N-23729

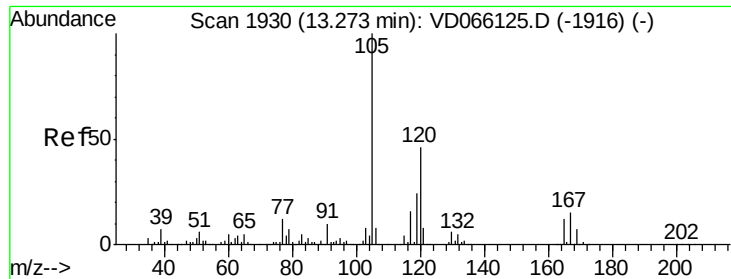
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066153.D
Acq: 07 Aug 2020 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.0	83.9
150	146.3	0.0	346.4

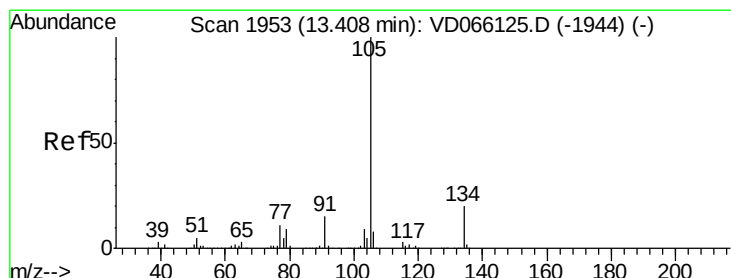
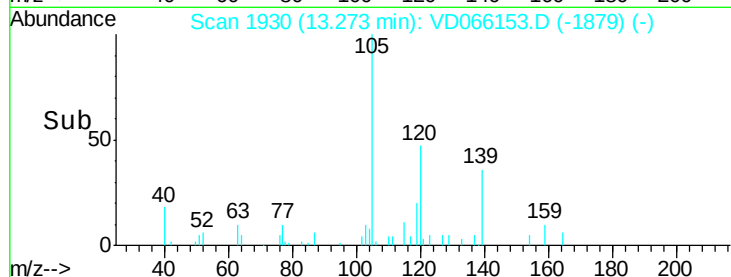
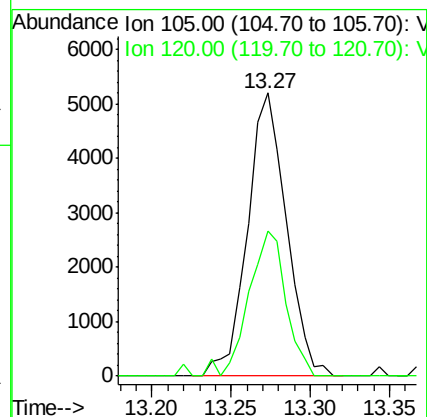
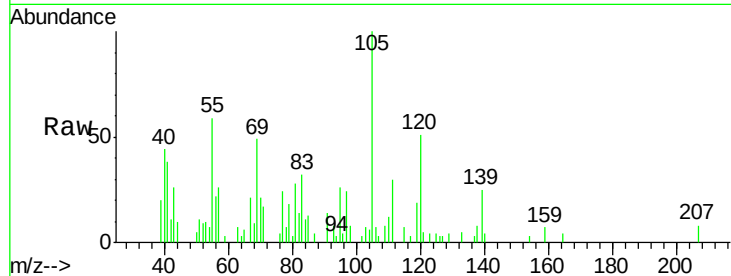




#84
1,2,4-Trimethylbenzene
Concen: 3.008 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066153.D
Acq: 07 Aug 2020 13:07

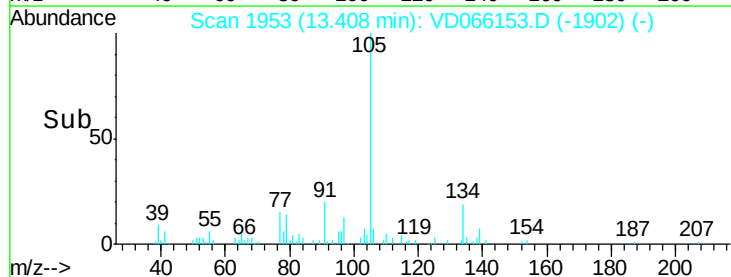
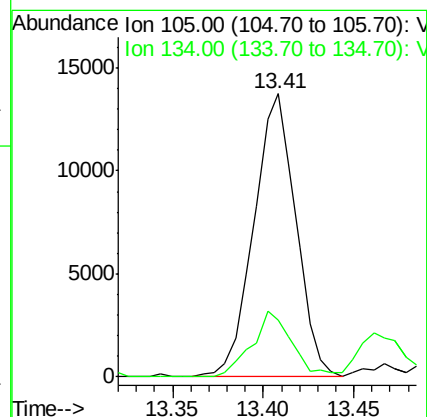
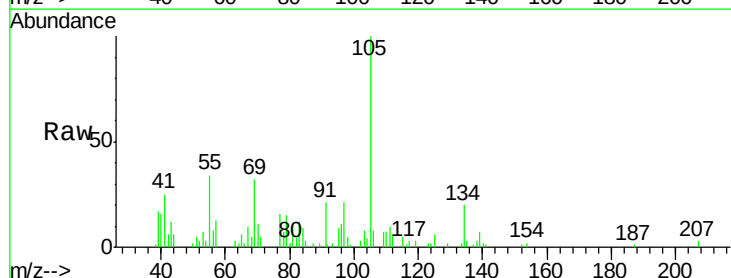
Instrument :
MSVOA_D
ClientSampleId :
N-23729

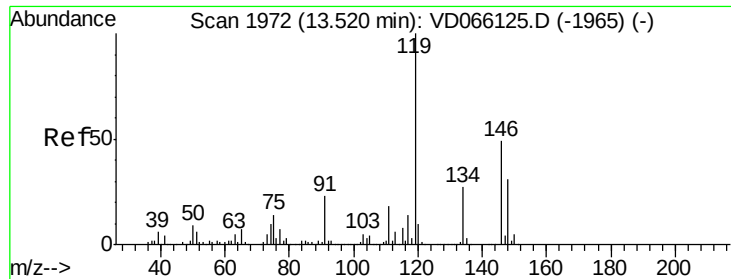
Tot Ion:105 Resp: 8878
Ion Ratio Lower Upper
105 100
120 49.0 23.1 69.2



#85
sec-Butylbenzene
Concen: 6.324 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD066153.D
Acq: 07 Aug 2020 13:07

Tgt Ion:105 Resp: 22147
Ion Ratio Lower Upper
105 100
134 21.9 10.4 31.4

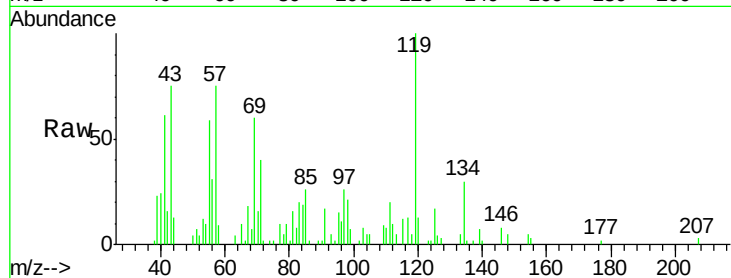




#86
 p-Isopropyltoluene
 Concen: 4.300 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066153.D
 Acq: 07 Aug 2020 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 N-23729

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	27.5	13.5	40.4	
91	17.0	11.2	33.5	



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

