

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066561.D
 Acq On : 04 Sep 2020 14:23
 Operator : VA/SY
 Sample : L3923-07
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-878-880

Quant Time: Sep 05 04:50:36 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

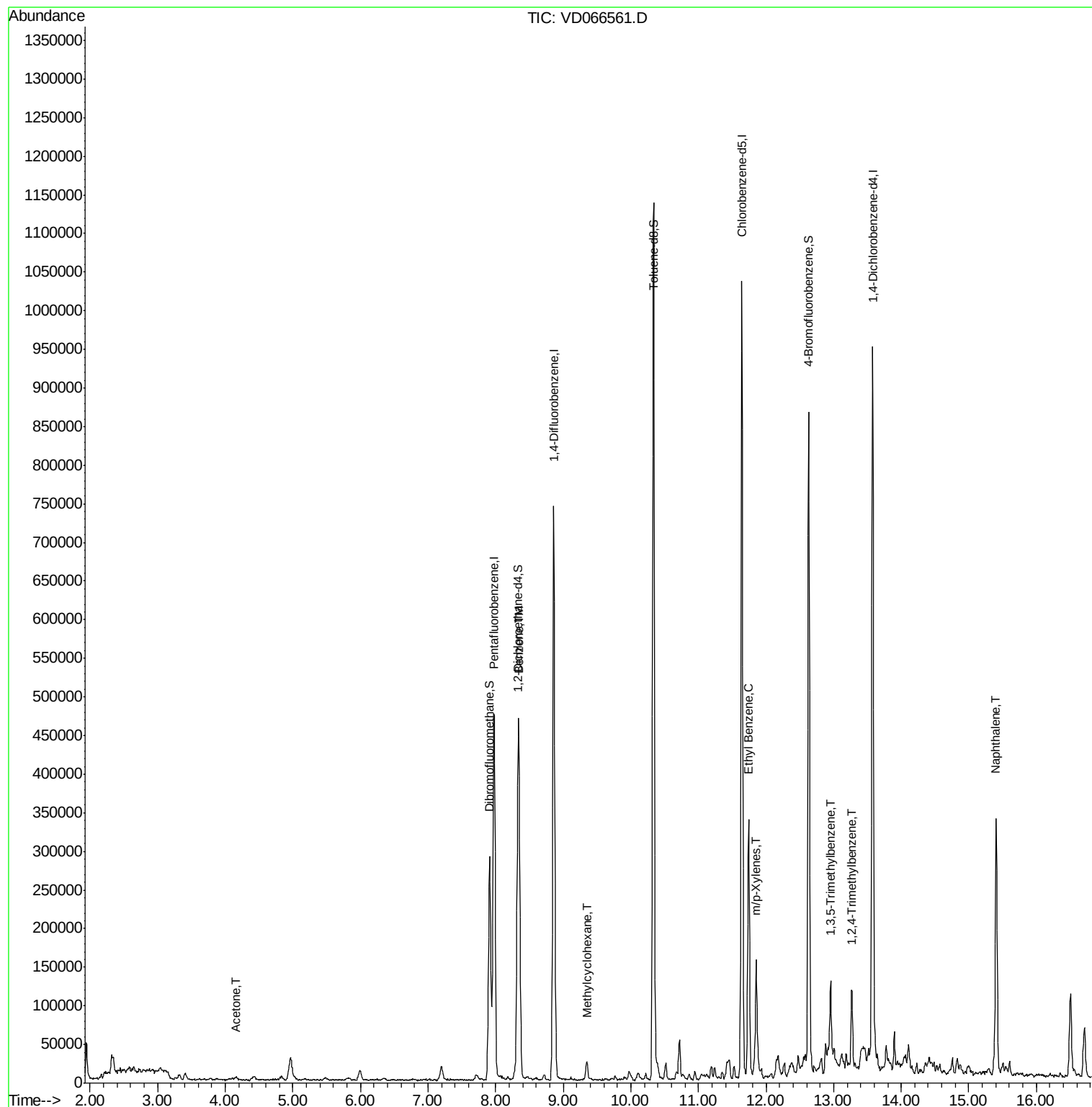
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	598737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	540908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	214337	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.91	113	201069	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	732942	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.63	95	242838	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
Target Compounds						
16) Acetone	4.16	43	6049	8.314	ug/l #	78
39) Methylcyclohexane	9.34	83	8479	1.219	ug/l	89
40) Benzene	8.34	78	310681	18.205	ug/l	95
67) Ethyl Benzene	11.74	91	224192	10.937	ug/l	100
68) m/p-Xylenes	11.86	106	35152	4.618	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	22932	1.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	60103	4.267	ug/l	97
95) Naphthalene	15.41	128	299965	43.981	ug/l	100

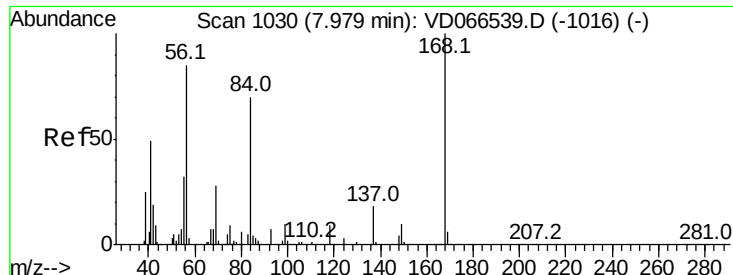
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
Data File : VD066561.D
Acq On : 04 Sep 2020 14:23
Operator : VA/SY
Sample : L3923-07
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Quant Time: Sep 05 04:50:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

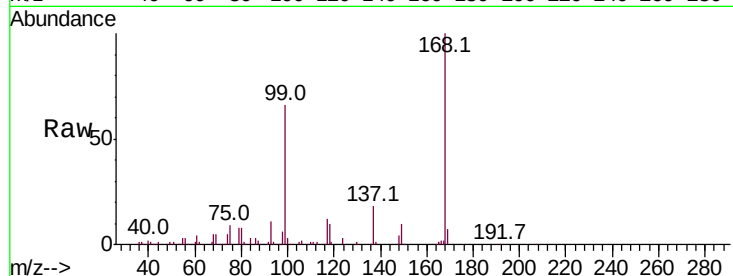
BP-VPB181-GW-878-880

Tot Ion:168 Resp: 326818

Ion Ratio Lower Upper

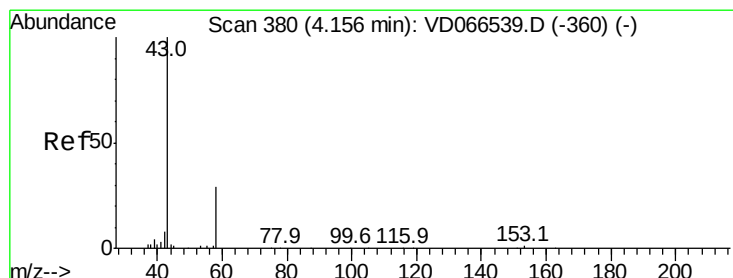
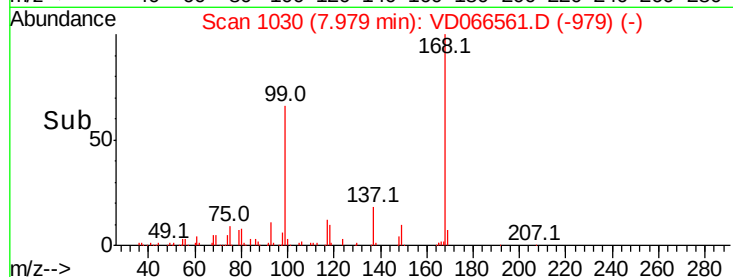
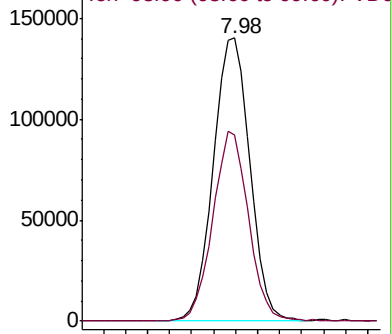
168 100

99 65.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.314 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066561.D

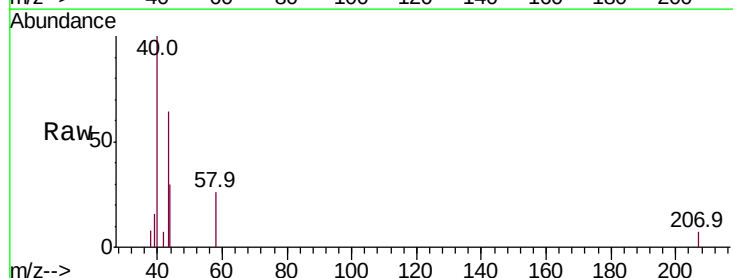
Acq: 04 Sep 2020 14:23

Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

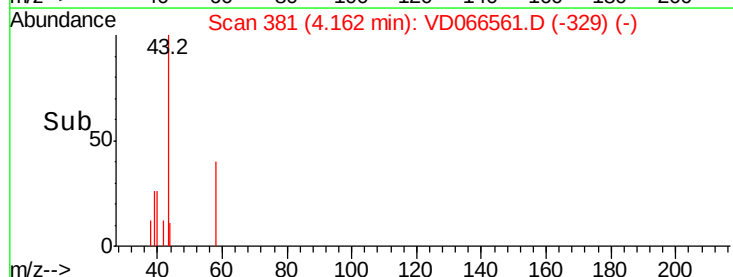
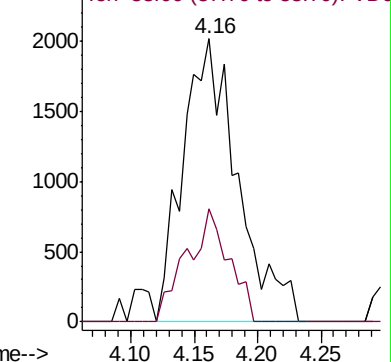
43 100

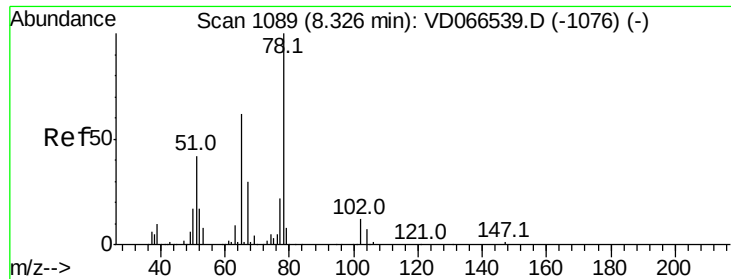
58 40.2 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 54.205 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

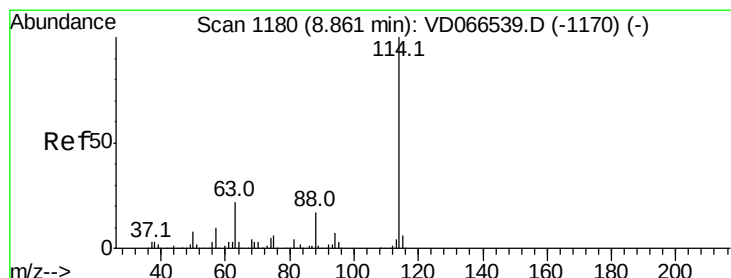
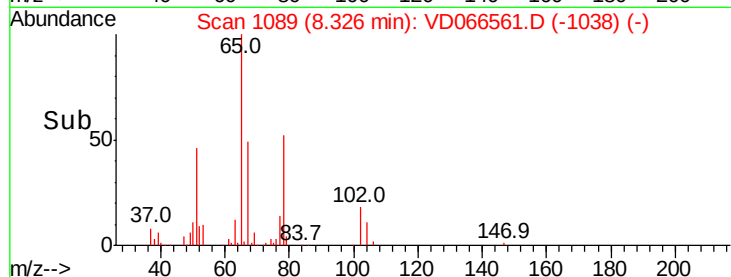
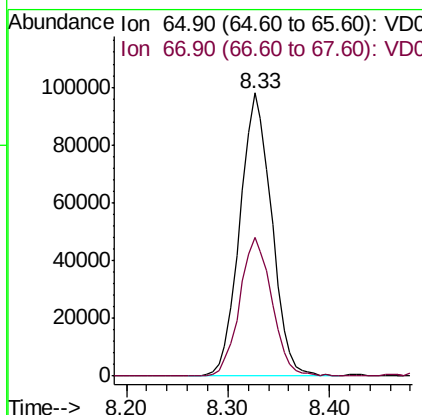
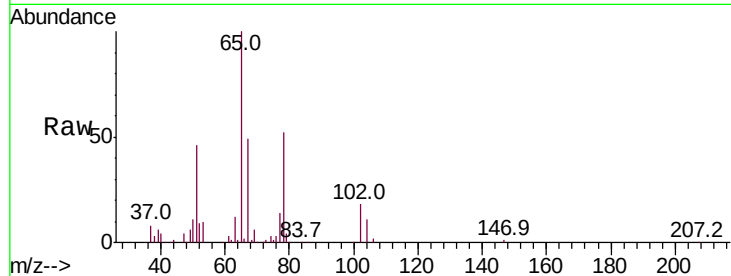
Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tot Ion: 65 Resp: 214337

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

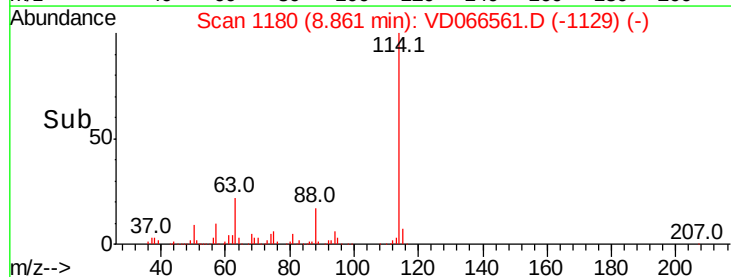
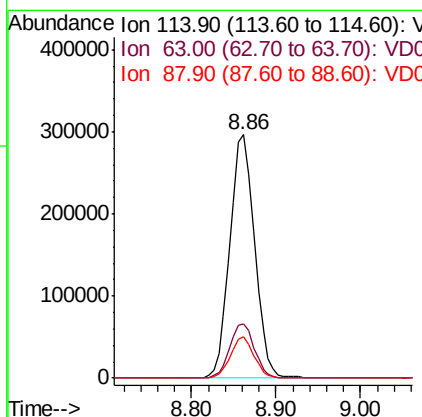
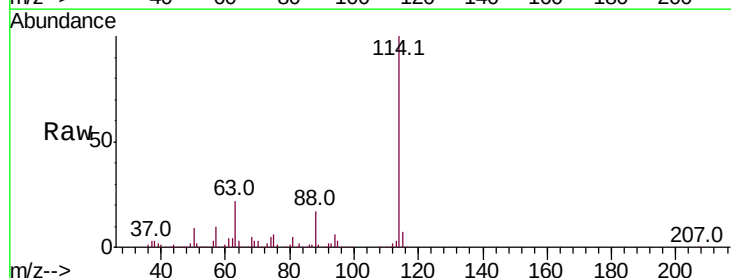
Delta R.T. 0.00 min

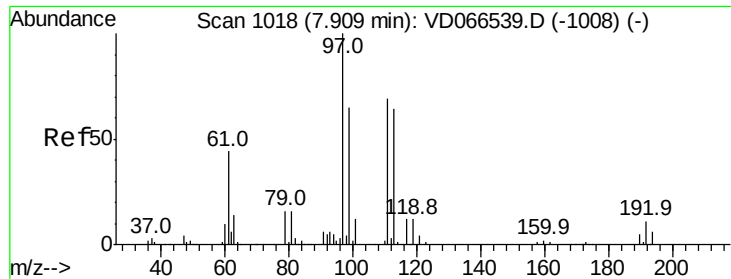
Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Tgt Ion: 114 Resp: 598737

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	16.8	0.0	33.2

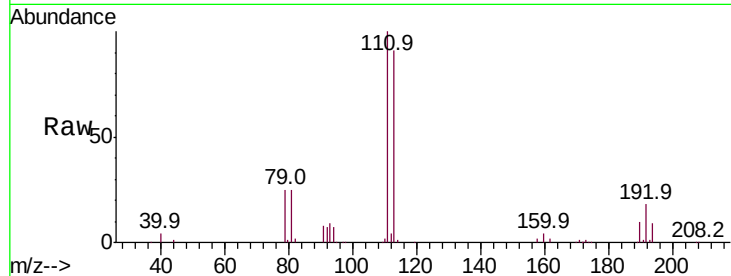




#35
 Dibromofluoromethane
 Concen: 49.780 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066561.D
 Acq: 04 Sep 2020 14:23

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-878-880

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	18.1	13.7	20.5

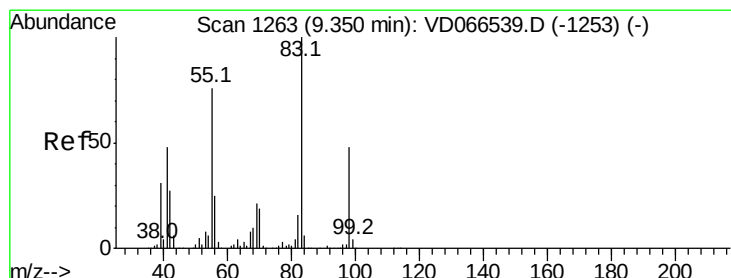
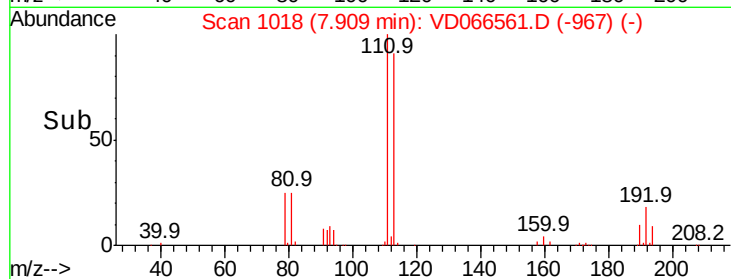
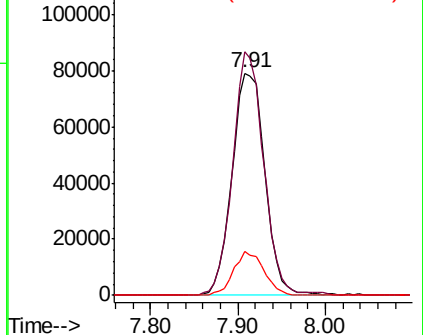


Abundance

Ion 112.80 (112.50 to 113.50): V

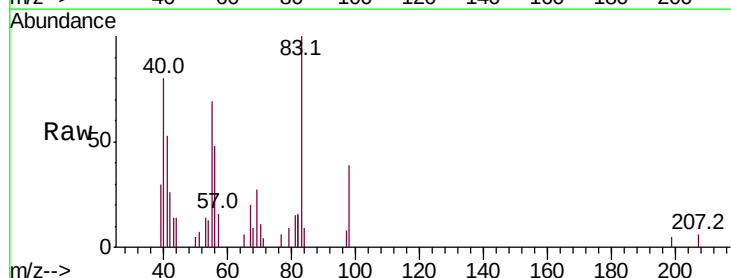
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39
 Methylcyclohexane
 Concen: 1.219 ug/l
 RT: 9.34 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: VD066561.D
 Acq: 04 Sep 2020 14:23

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.8	60.8	91.2
98	38.9	38.6	58.0

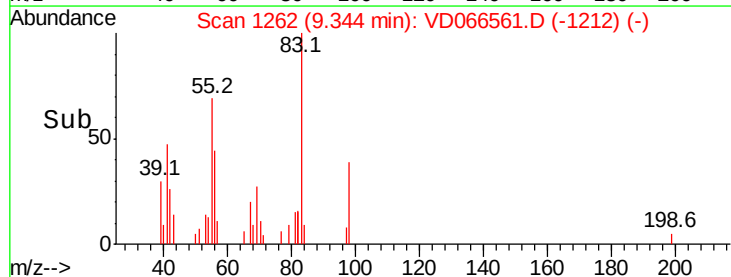
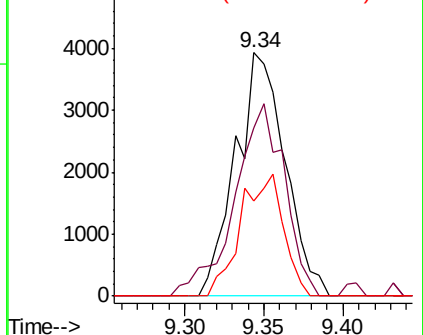


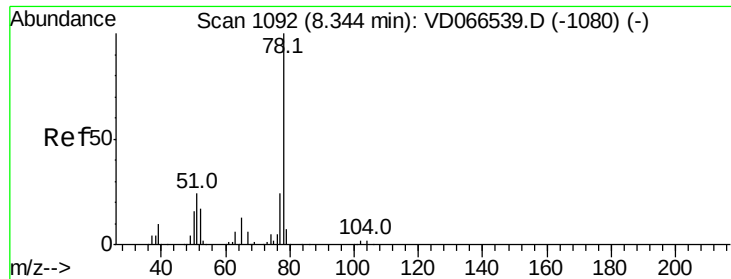
Abundance

Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 18.205 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

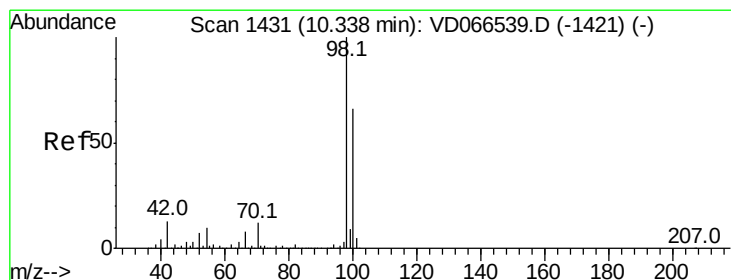
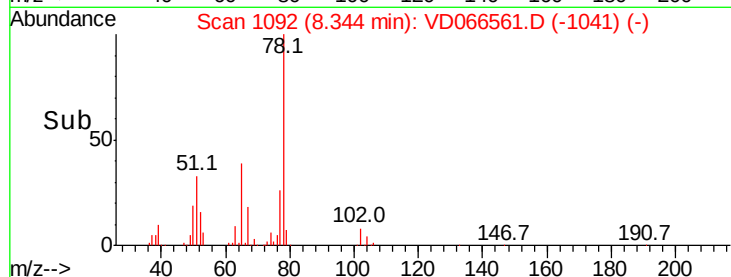
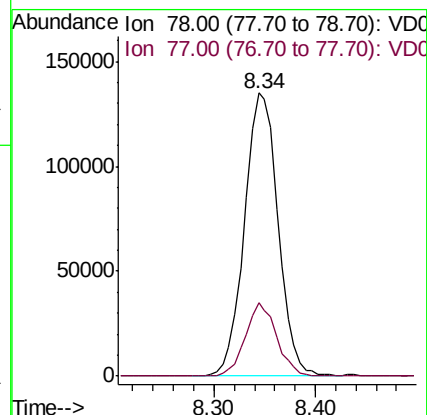
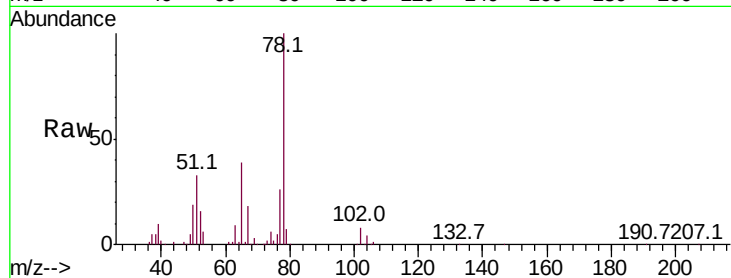
BP-VPB181-GW-878-880

Tot Ion: 78 Resp: 310681

Ion Ratio Lower Upper

78 100

77 26.2 19.1 28.7



#50

Toluene-d8

Concen: 50.770 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066561.D

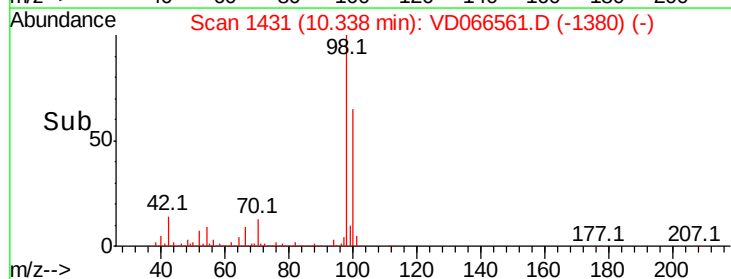
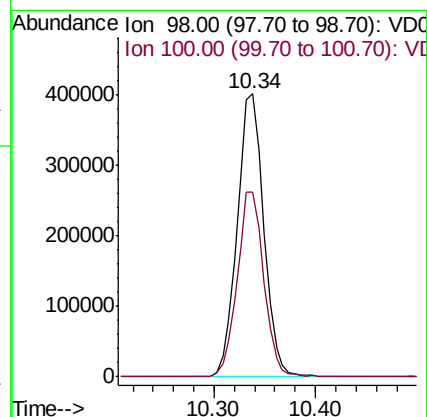
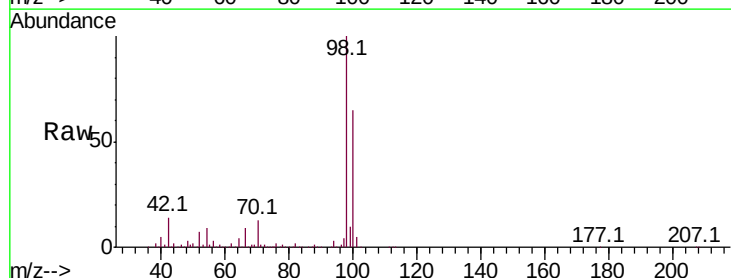
Acq: 04 Sep 2020 14:23

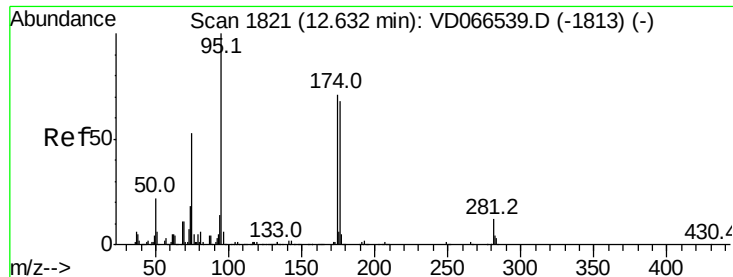
Tgt Ion: 98 Resp: 732942

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 50.729 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-878-880

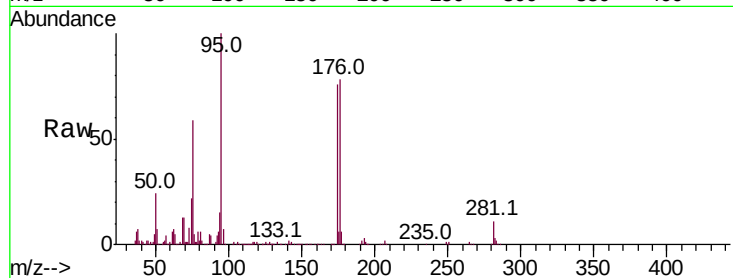
Tot Ion: 95 Resp: 242838

Ion Ratio Lower Upper

95 100

174 75.4 0.0 155.8

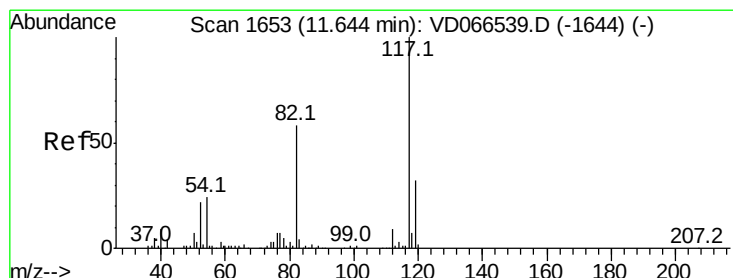
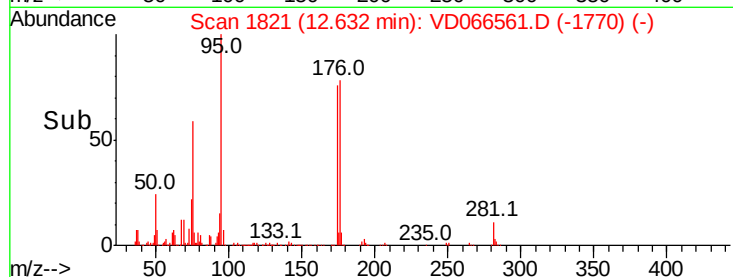
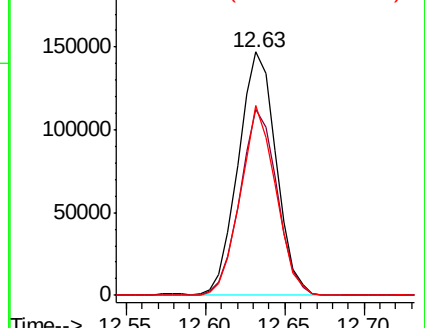
176 73.3 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

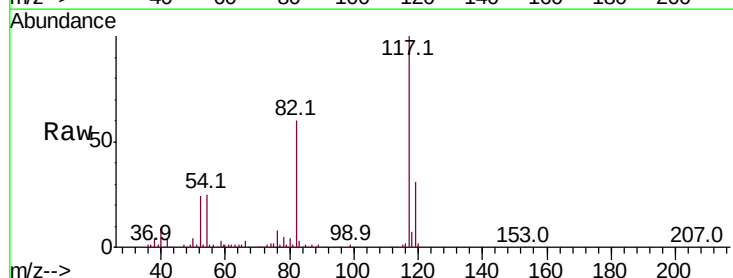
Tgt Ion: 117 Resp: 540908

Ion Ratio Lower Upper

117 100

82 60.3 46.2 69.2

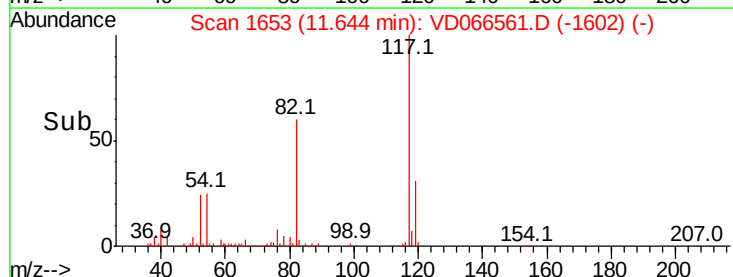
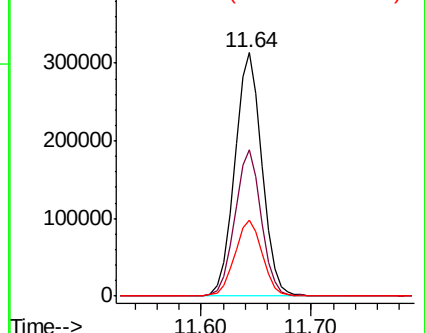
119 31.1 25.8 38.8

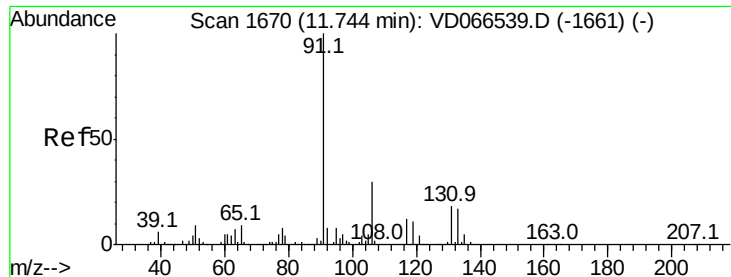


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

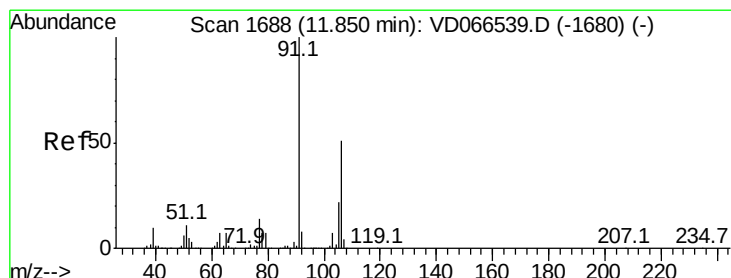
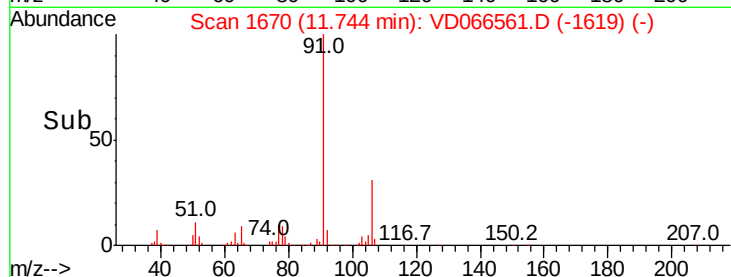
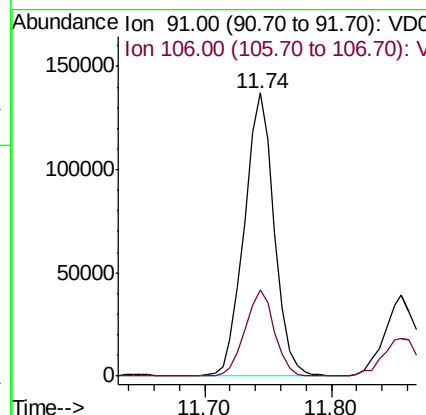
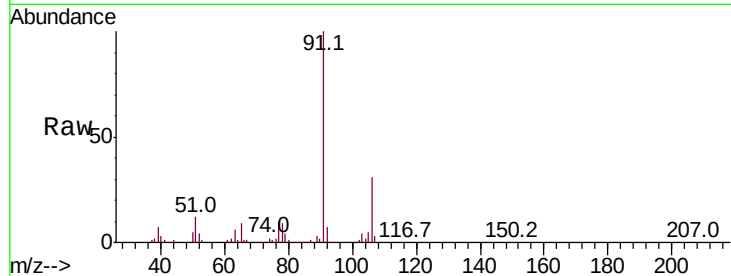




#67
Ethyl Benzene
Concen: 10.937 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066561.D
Acq: 04 Sep 2020 14:23

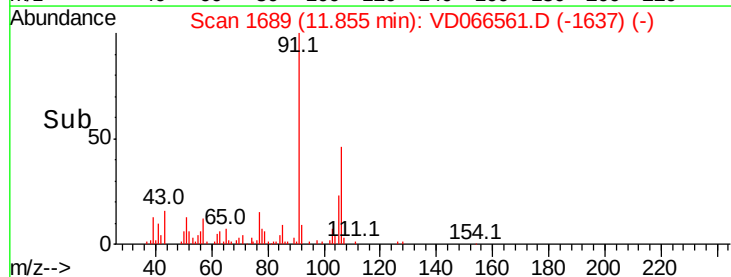
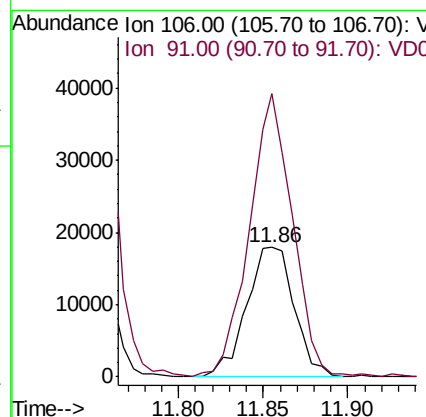
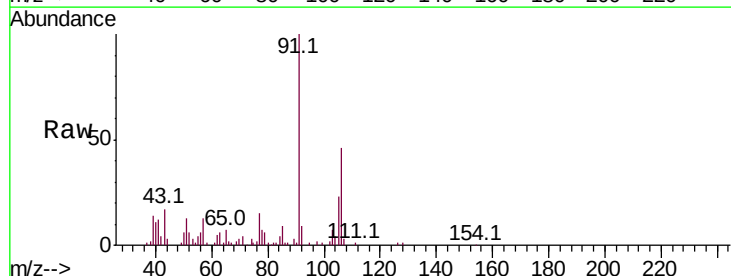
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

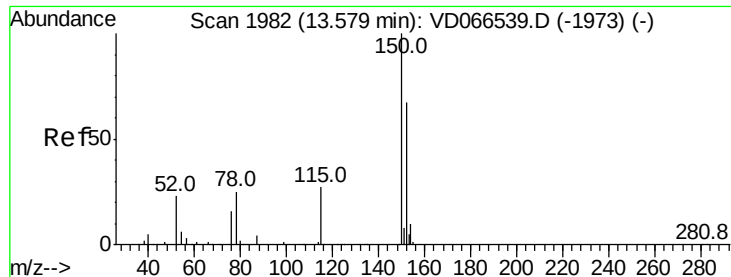
Tot Ion: 91 Resp: 224192
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 4.618 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066561.D
Acq: 04 Sep 2020 14:23

Tgt Ion: 106 Resp: 35152
Ion Ratio Lower Upper
106 100
91 198.9 162.4 243.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-878-880

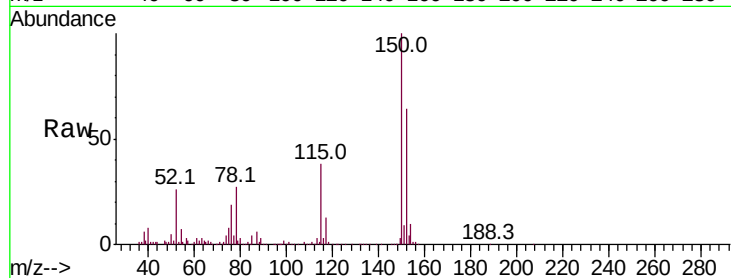
Tot Ion:152 Resp: 227055

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.2

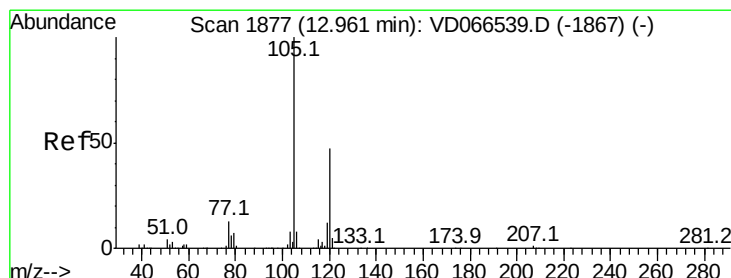
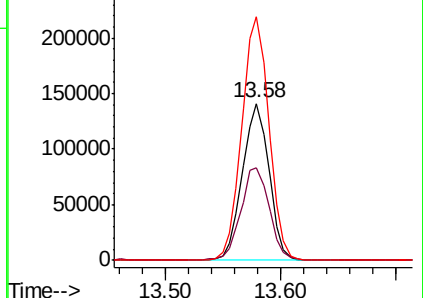
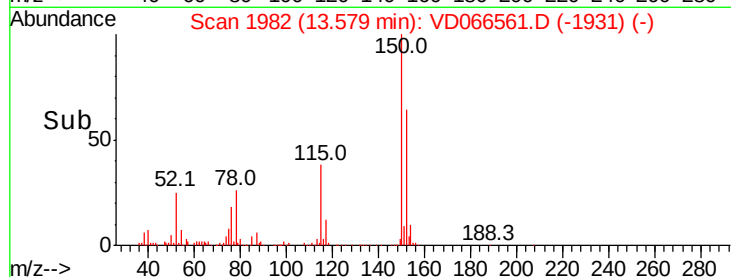
150 157.0 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.621 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066561.D

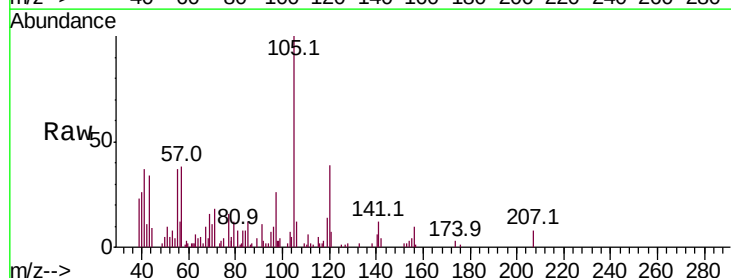
Acq: 04 Sep 2020 14:23

Tgt Ion:105 Resp: 22932

Ion Ratio Lower Upper

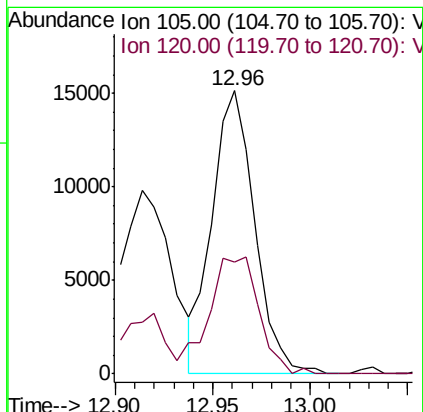
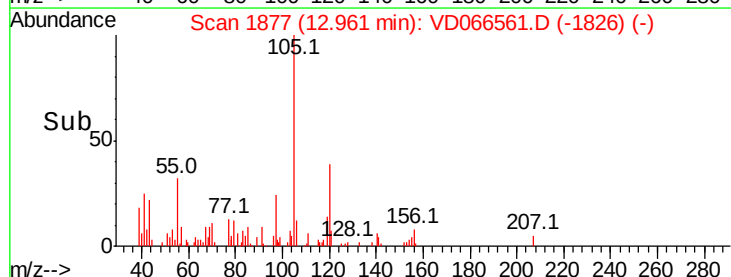
105 100

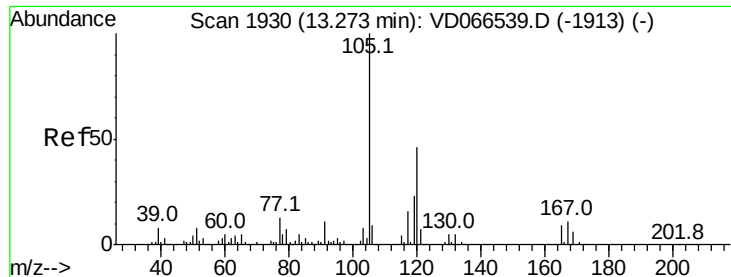
120 48.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.267 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

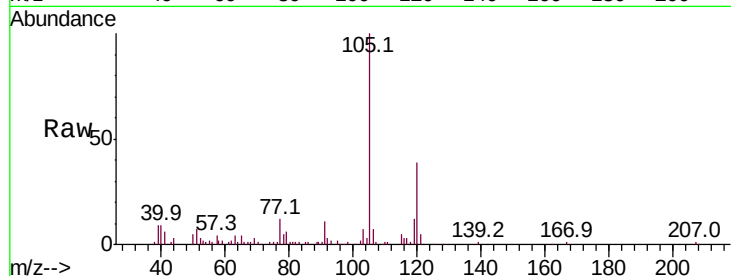
BP-VPB181-GW-878-880

Tot Ion:105 Resp: 60103

Ion Ratio Lower Upper

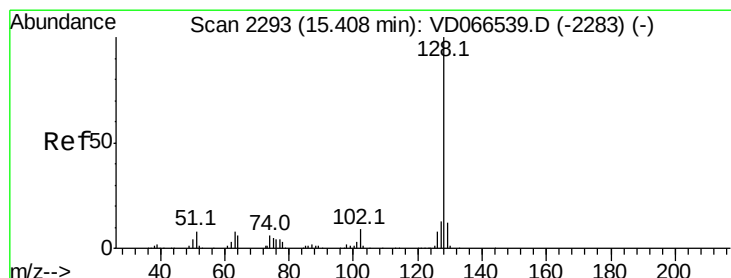
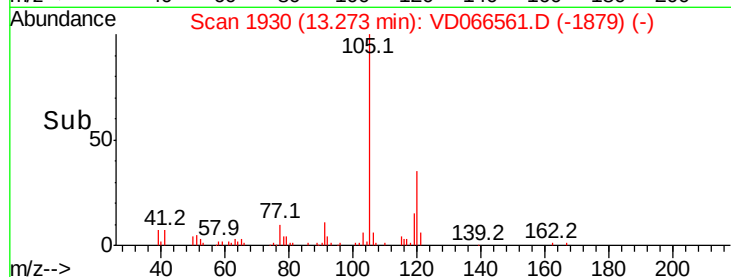
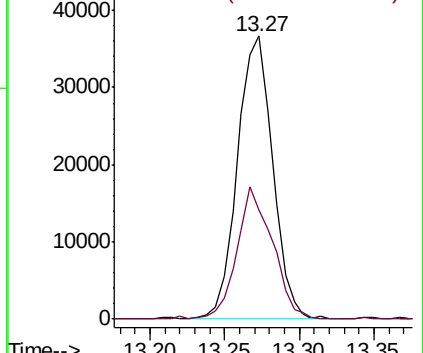
105 100

120 47.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 43.981 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066561.D

Acq: 04 Sep 2020 14:23

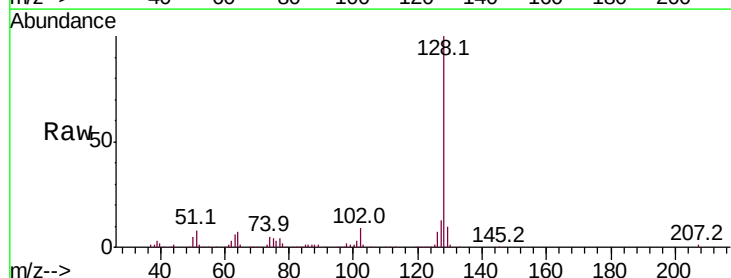
Tgt Ion:128 Resp: 299965

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.3 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

