

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066858.D
 Acq On : 24 Sep 2020 18:28
 Operator : VA/SY
 Sample : L4127-03
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)

Quant Time: Sep 25 02:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

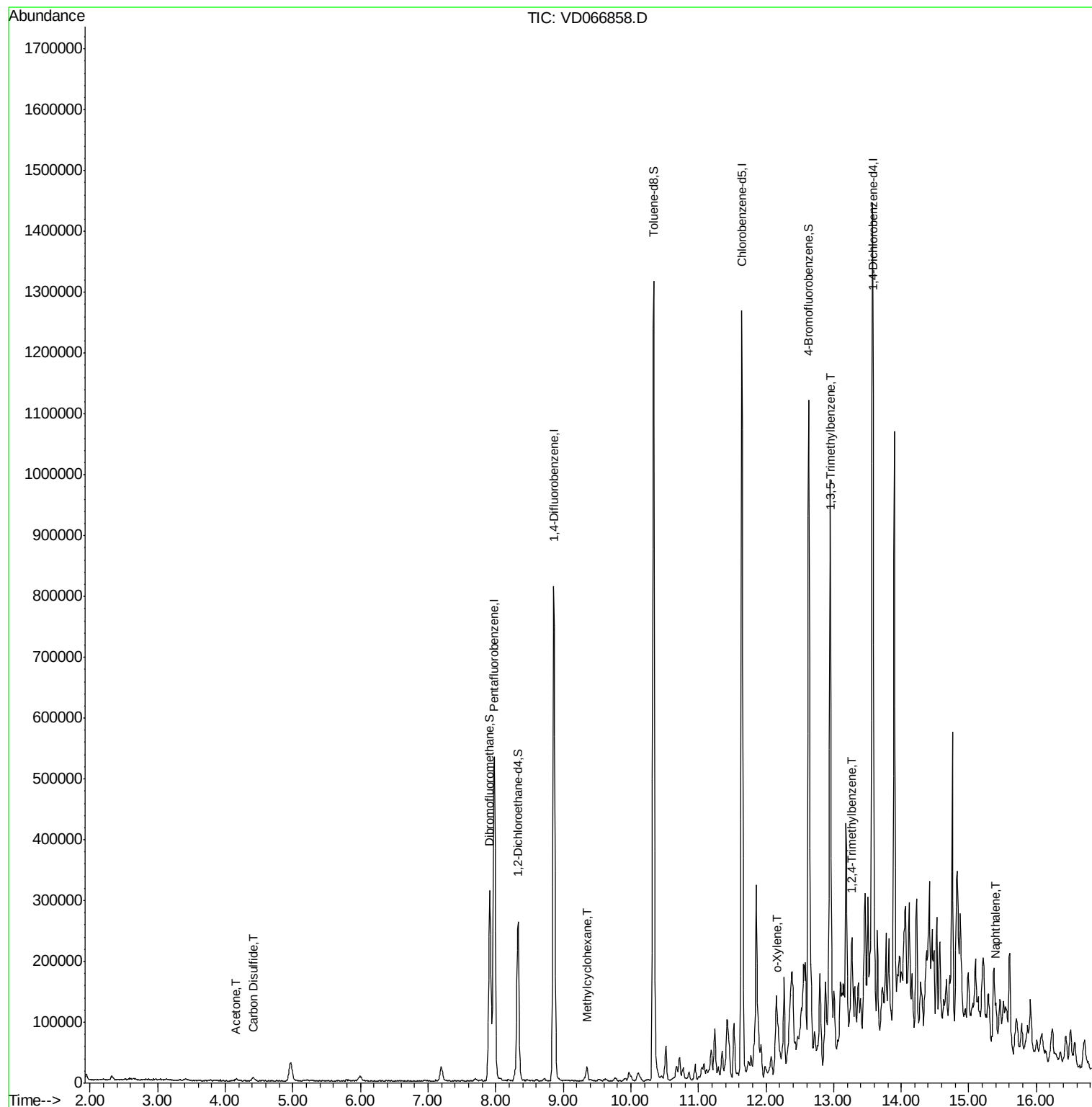
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	710526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	726540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209915	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
35) Dibromofluoromethane	7.91	113	226967	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.34	98	865475	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
62) 4-Bromofluorobenzene	12.63	95	325040	61.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	5408	6.671	ug/l	98
17) Carbon Disulfide	4.41	76	11724	1.003	ug/l #	91
39) Methylcyclohexane	9.34	83	9030	1.116	ug/l #	82
69) o-Xylene	12.17	106	10123	1.113	ug/l	87
80) 1,3,5-Trimethylbenzene	12.96	105	46821	2.326	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	90574	4.538	ug/l	97
95) Naphthalene	15.40	128	41571	4.148	ug/l #	87

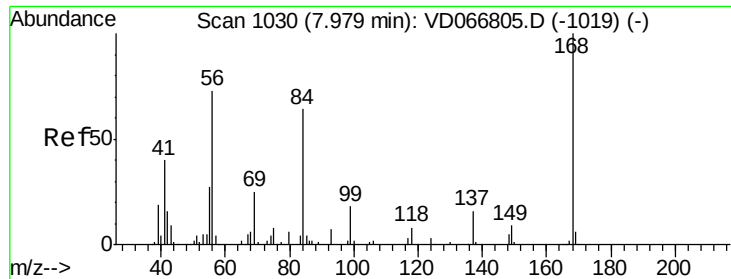
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066858.D
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Quant Time: Sep 25 02:15:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066858.D

Acq: 24 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

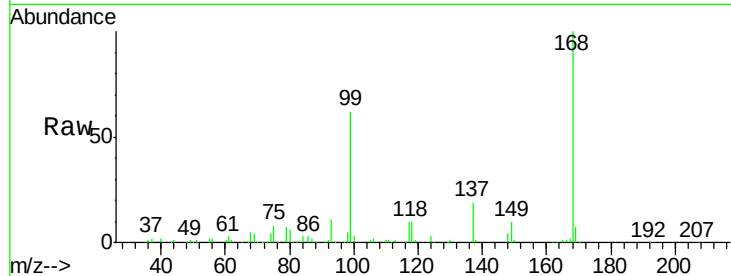
B-2(4-5)

Tot Ion:168 Resp: 390418

Ion Ratio Lower Upper

168 100

99 62.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

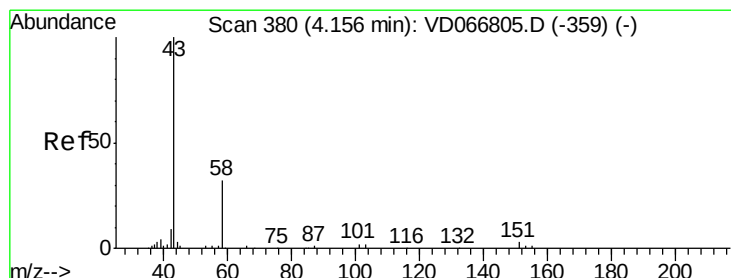
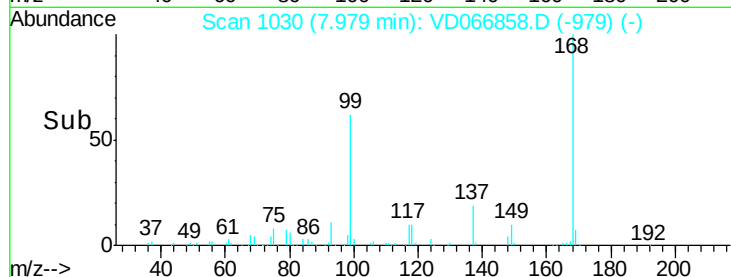
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.671 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066858.D

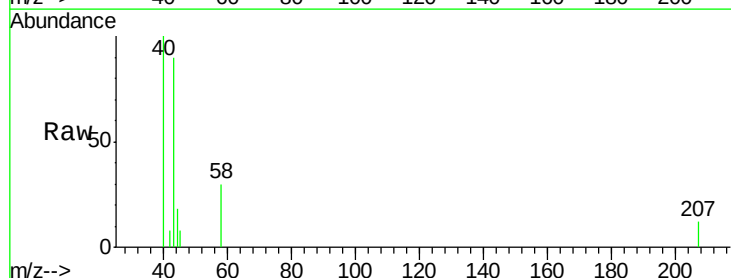
Acq: 24 Sep 2020 18:28

Tgt Ion: 43 Resp: 5408

Ion Ratio Lower Upper

43 100

58 33.1 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

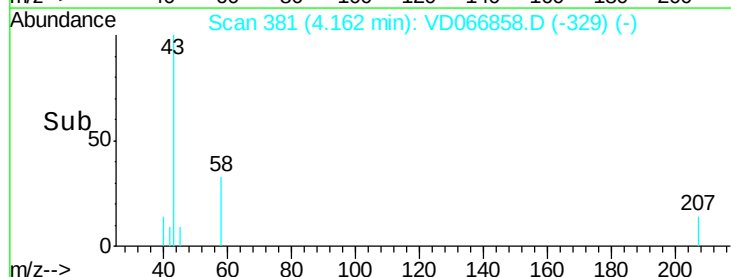
1500

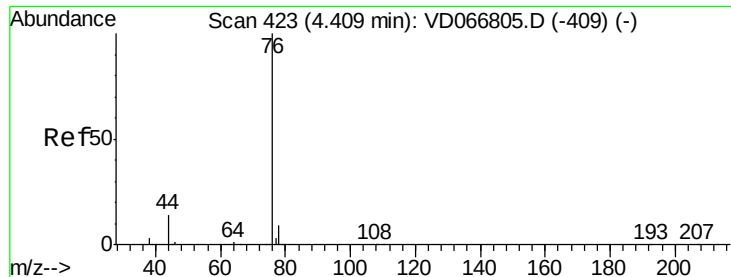
1000

500

0

Time-->

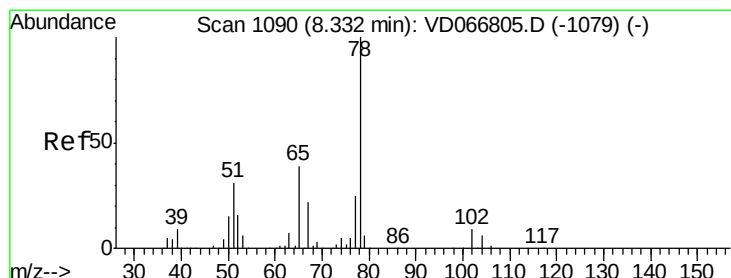
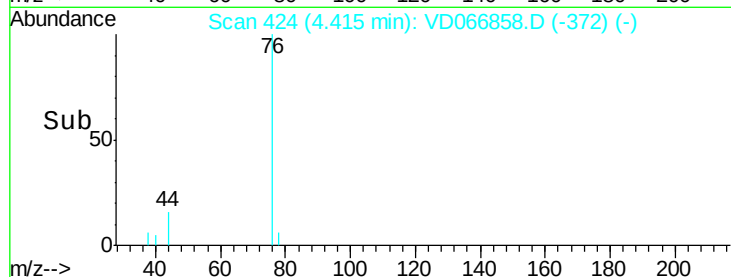
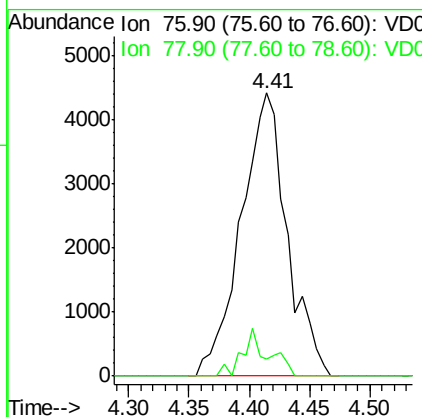
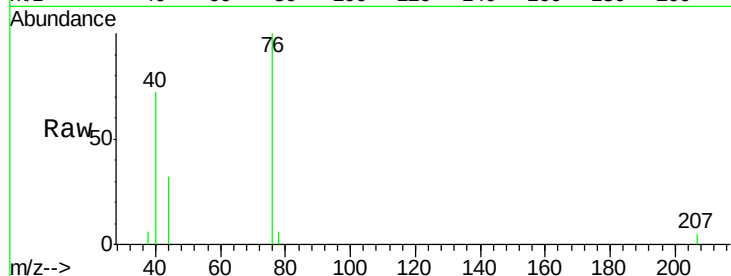




#17
Carbon Disulfide
Concen: 1.003 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

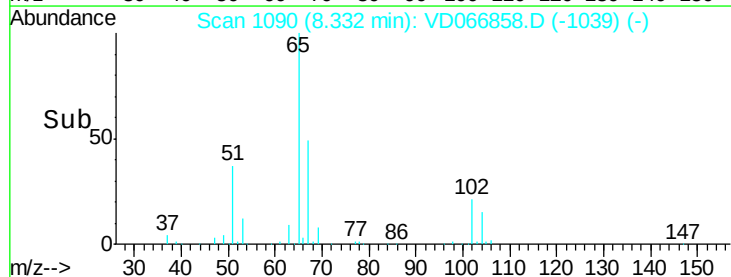
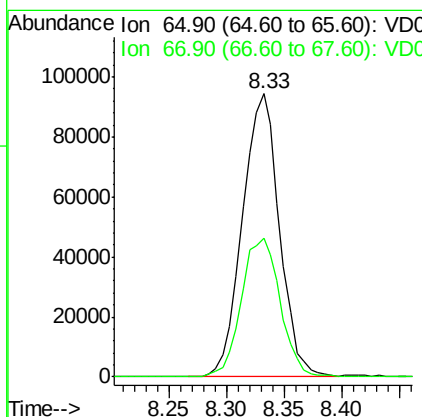
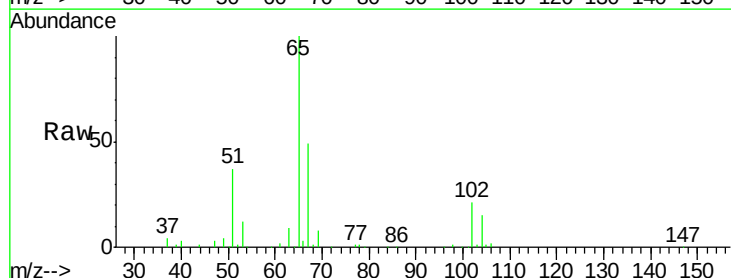
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)

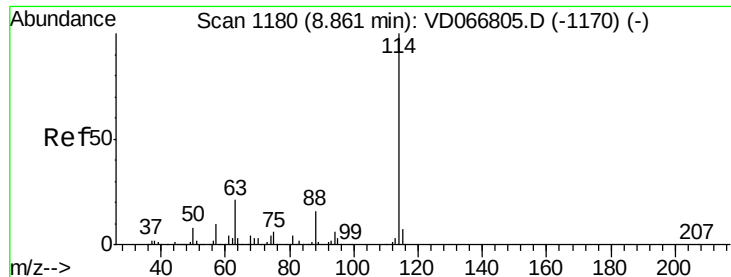
Tot Ion: 76 Resp: 11724
Ion Ratio Lower Upper
76 100
78 6.2 7.6 11.4#



#33
1,2-Dichloroethane-d4
Concen: 54.934 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

Tgt Ion: 65 Resp: 209915
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066858.D

Acq: 24 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)

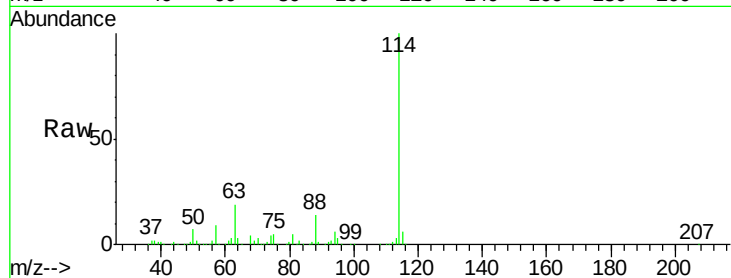
Tot Ion:114 Resp: 710526

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

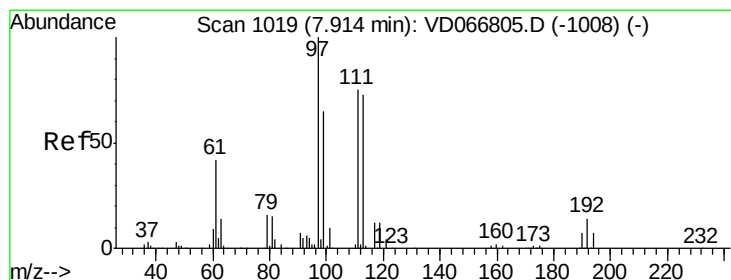
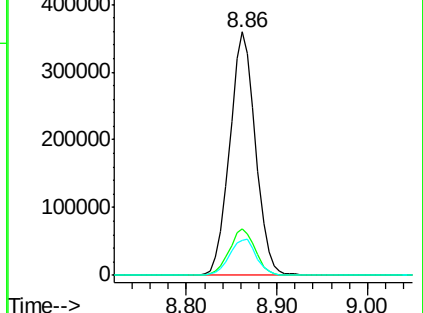
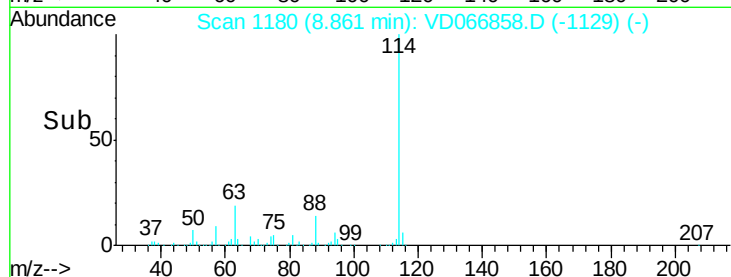
88 14.3 0.0 32.6



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: 50.210 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066858.D

Acq: 24 Sep 2020 18:28

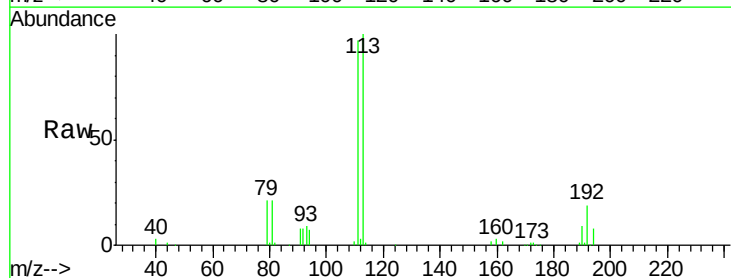
Tgt Ion:113 Resp: 226967

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

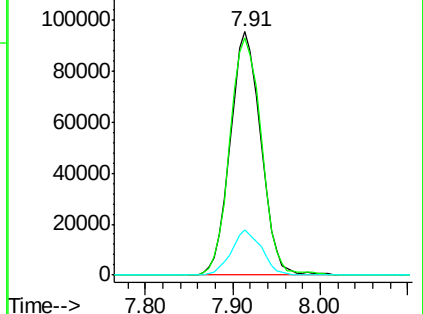
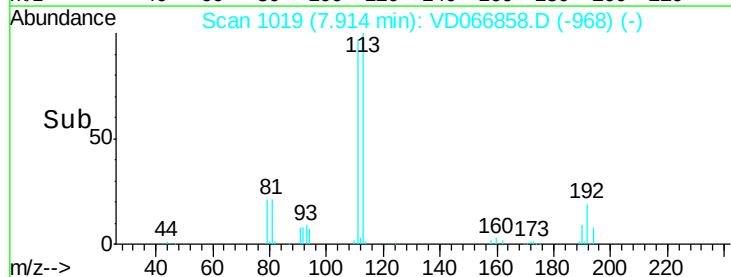
192 18.5 14.4 21.6

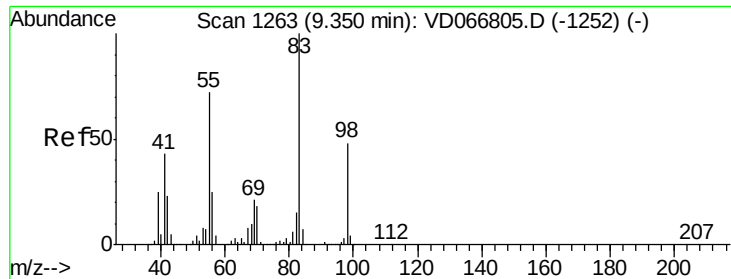


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

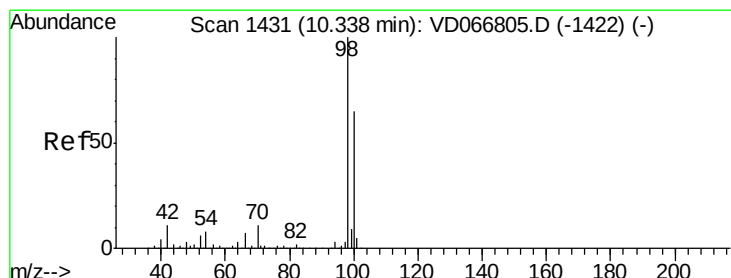
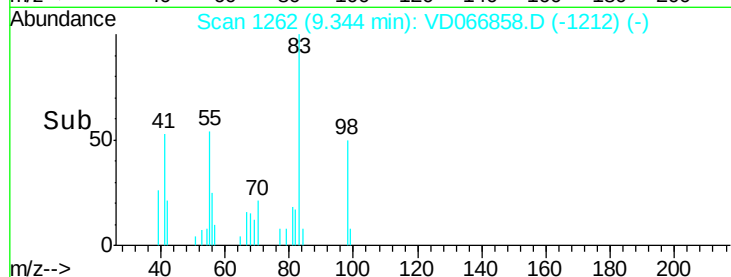
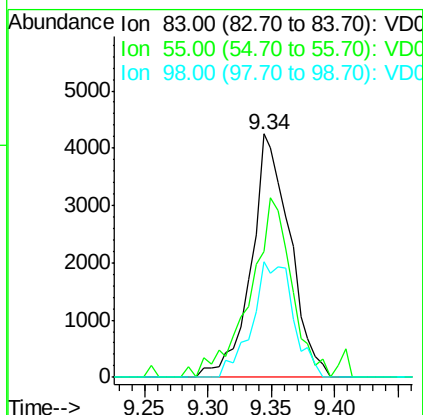
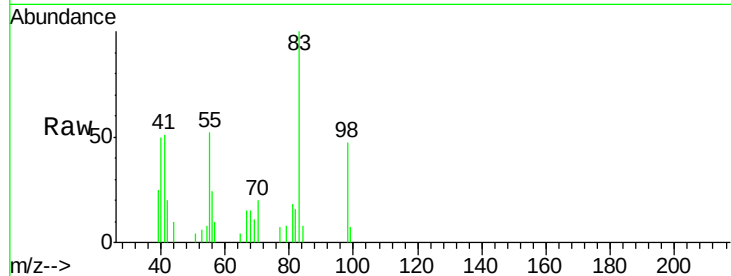




#39
Methylvlcyclohexane
Concen: 1.116 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

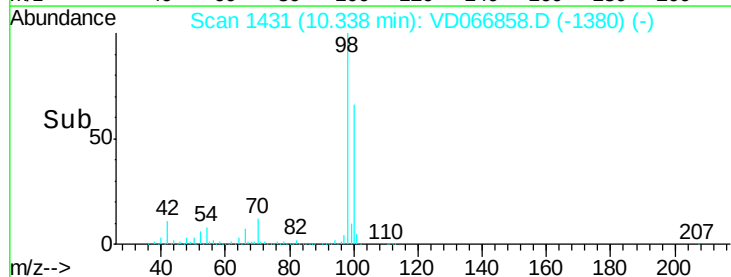
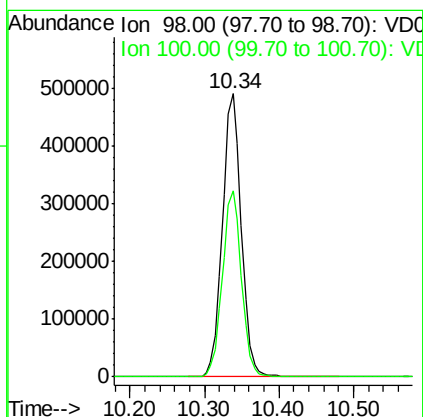
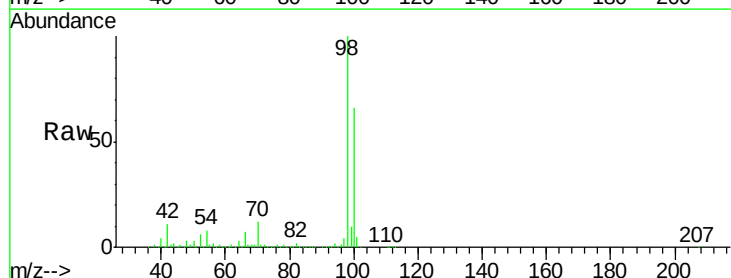
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)

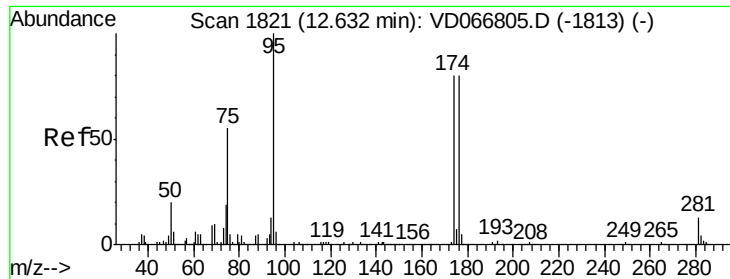
Tot Ion: 83 Resp: 9030
Ion Ratio Lower Upper
83 100
55 47.2 57.7 86.5#
98 47.5 38.4 57.6



#50
Toluene-d8
Concen: 56.194 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

Tgt Ion: 98 Resp: 865475
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.2

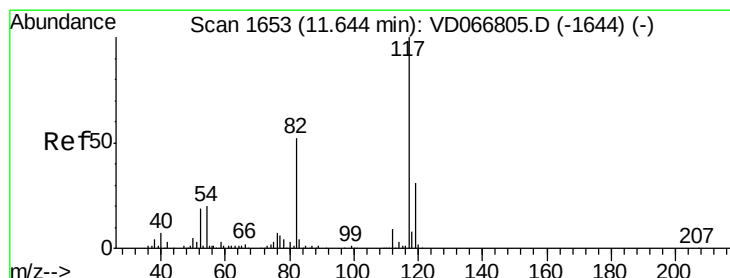
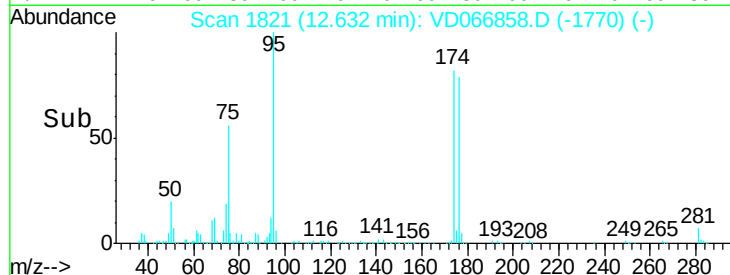
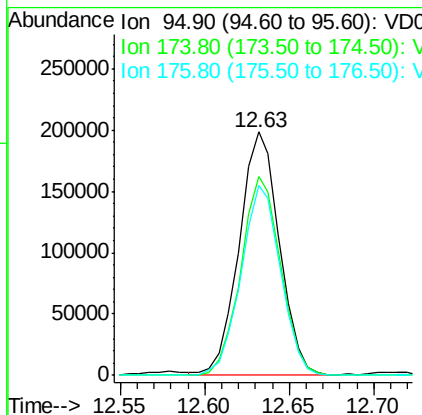
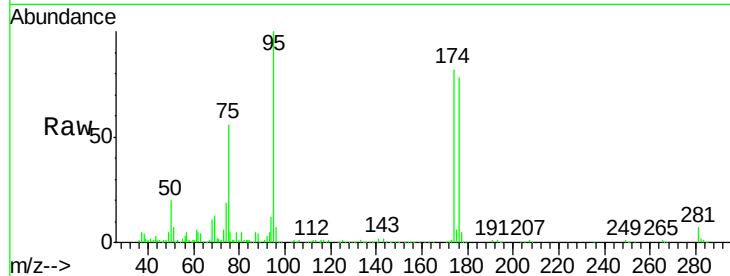




#62
4-Bromofluorobenzene
Concen: 61.648 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

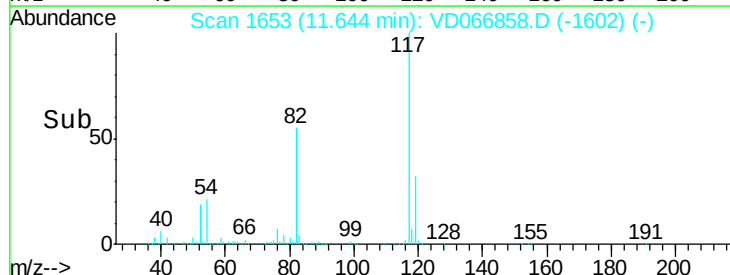
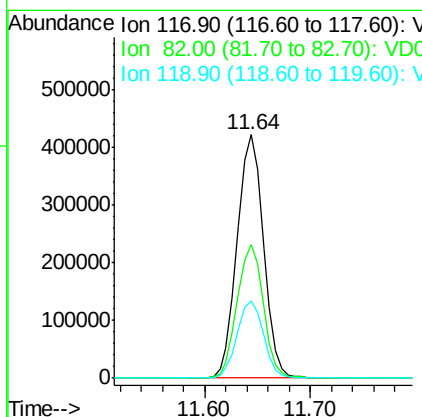
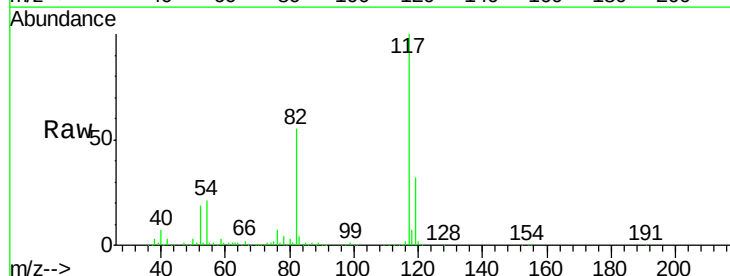
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)

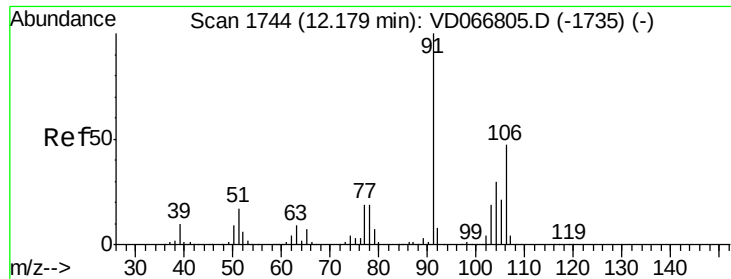
Tot Ion: 95 Resp: 325040
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.8
176 77.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

Tgt Ion: 117 Resp: 726540
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 31.9 24.6 37.0

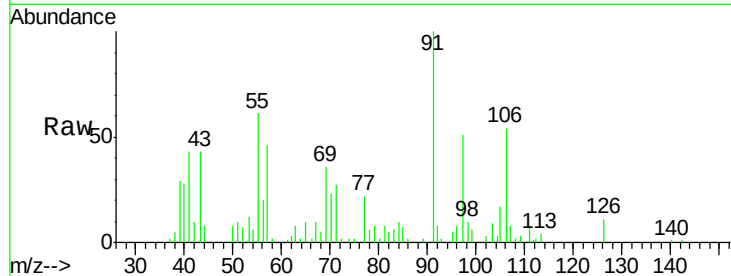




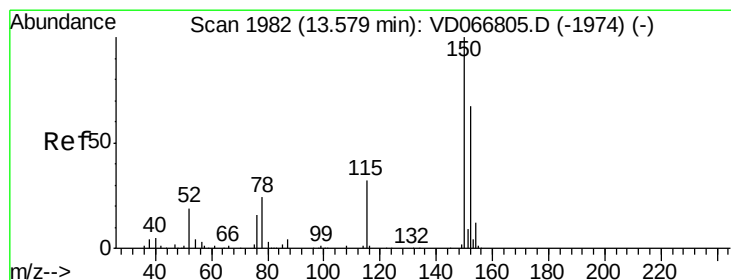
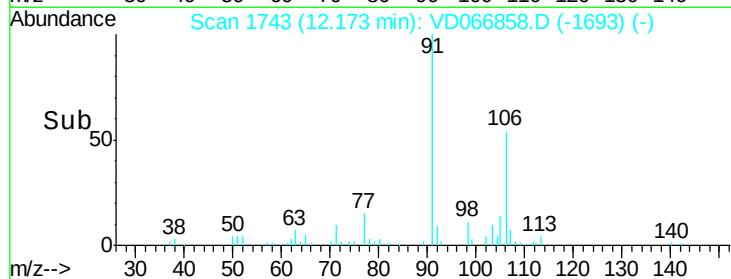
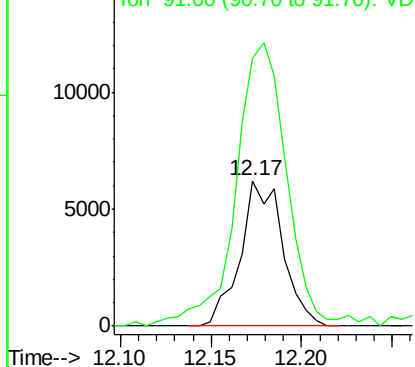
#69
o-Xylene
Concen: 1.113 ug/l
RT: 12.17 min Scan# 1743
Delta R.T. -0.01 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampled :
B-2(4-5)

Tot Ion:106 Resp: 10123
Ion Ratio Lower Upper
106 100
91 232.2 106.3 318.8

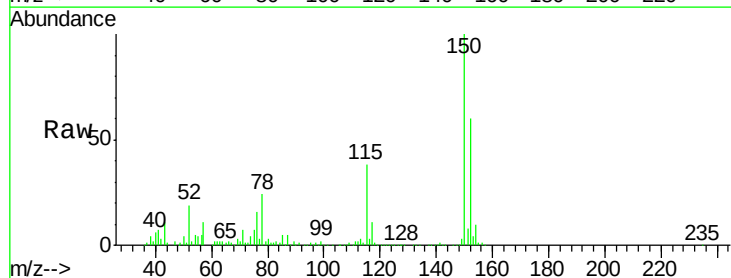


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

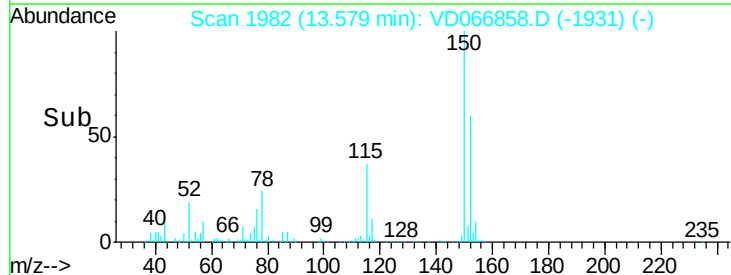
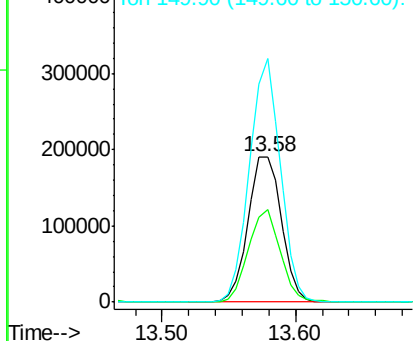


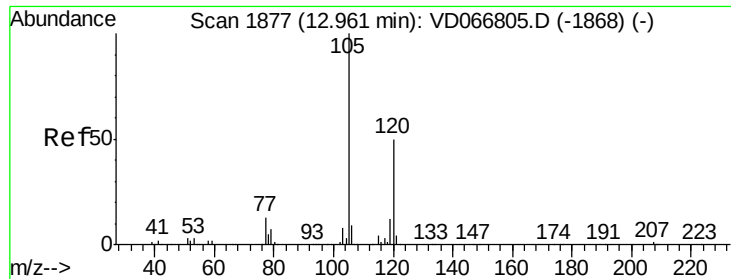
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066858.D
Acq: 24 Sep 2020 18:28

Tgt Ion:152 Resp: 328399
Ion Ratio Lower Upper
152 100
115 60.6 30.3 91.0
150 155.1 0.0 346.2



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

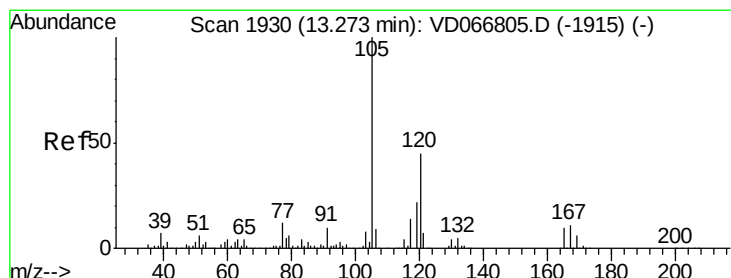
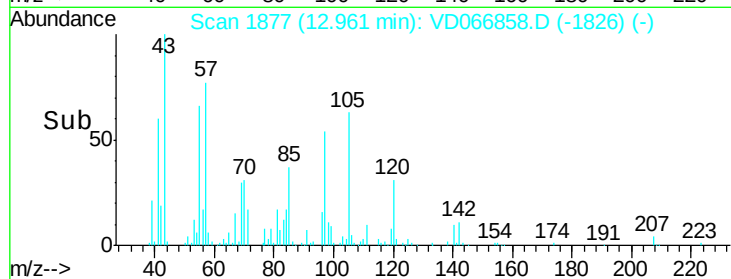
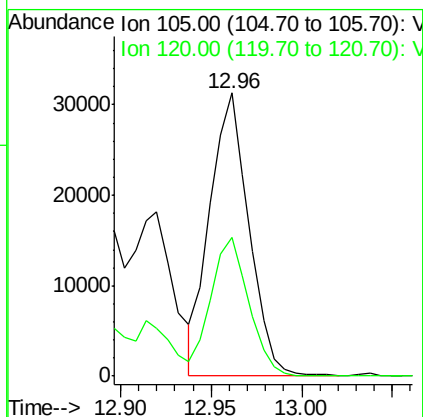
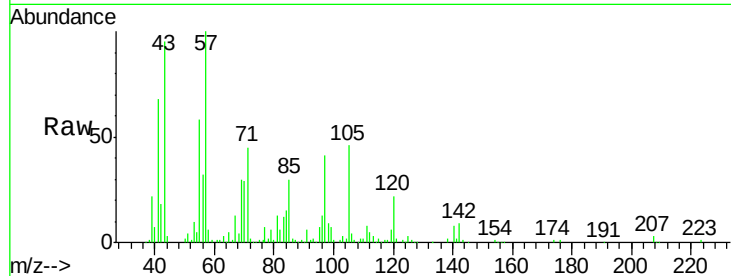




#80
 1,3,5-Trimethylbenzene
 Concen: 2.326 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066858.D
 Acq: 24 Sep 2020 18:28

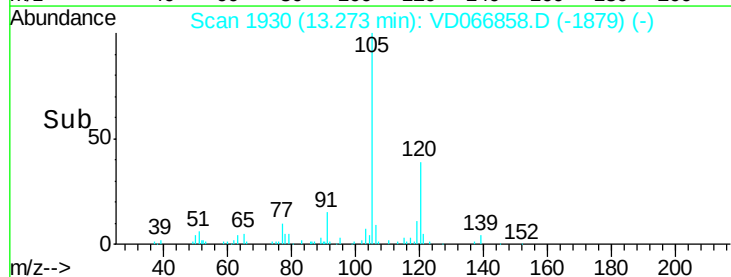
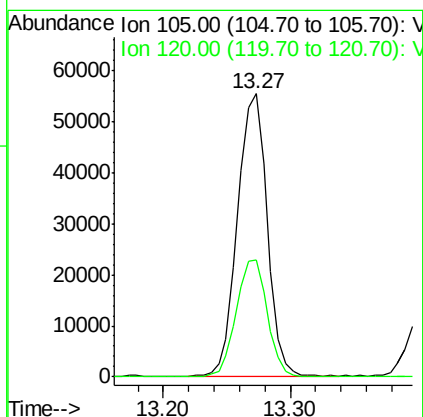
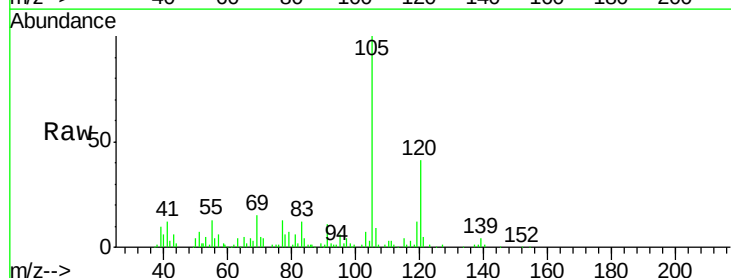
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)

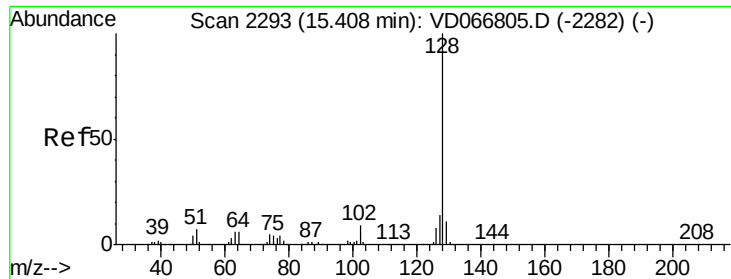
Tot Ion:105 Resp: 46821
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.538 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066858.D
 Acq: 24 Sep 2020 18:28

Tgt Ion:105 Resp: 90574
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.3 66.9





#95
 Naphthalene
 Concen: 4.148 ug/l
 RT: 15.40 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: VD066858.D
 Acq: 24 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.9	10.6	16.0#
129	14.1	8.9	13.3#

