

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066006.D
 Acq On : 22 Jul 2020 17:16
 Operator : VA/SY
 Sample : L3186-06
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-072120

Quant Time: Jul 23 01:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

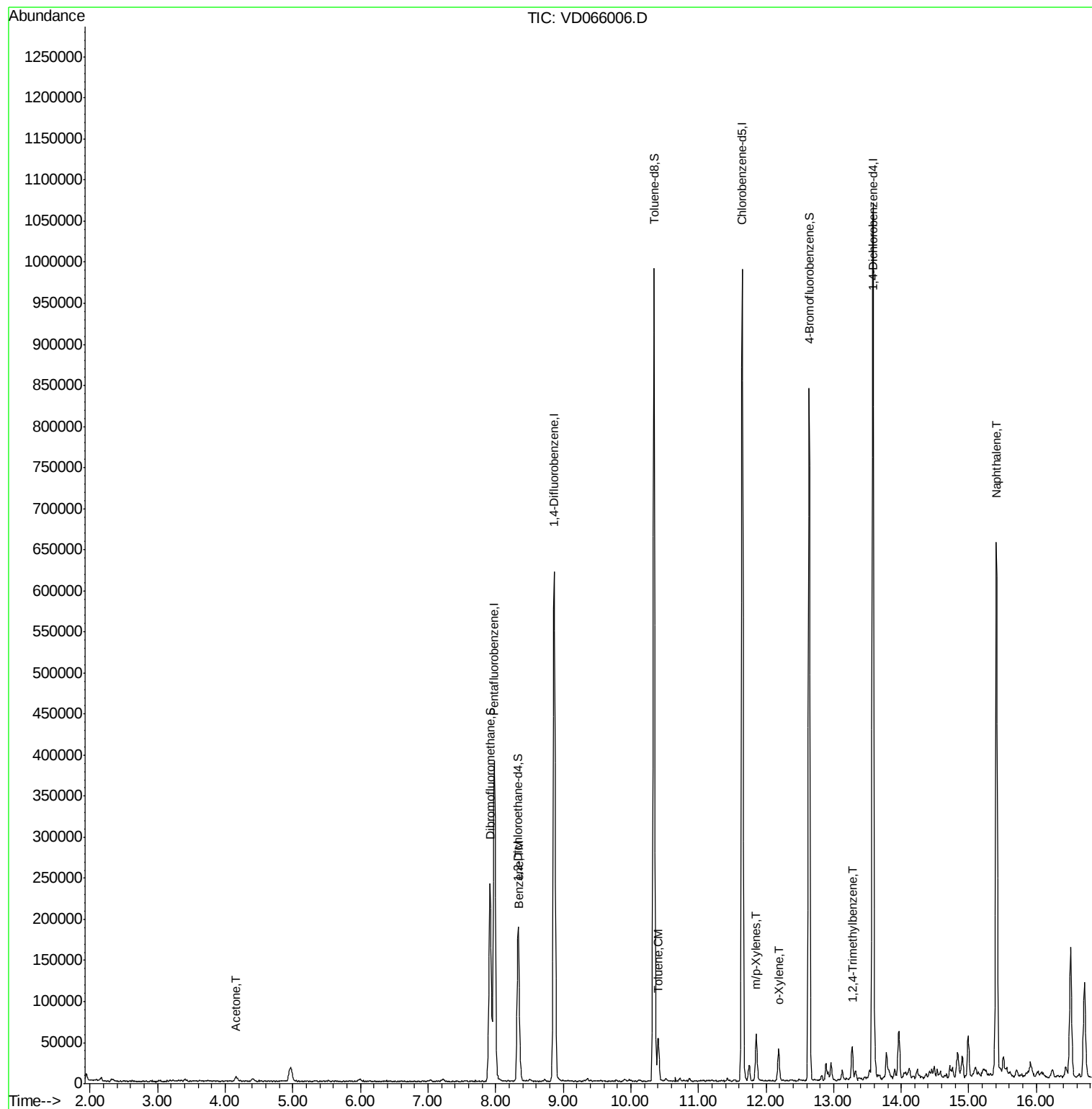
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	314676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	556717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	580797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146866	57.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.72%	
35) Dibromofluoromethane	7.91	113	174192	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.34	98	680595	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.64	95	275893	63.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.50%	
Target Compounds						
16) Acetone	4.16	43	10040	19.372	ug/l #	84
40) Benzene	8.35	78	13814	1.039	ug/l	93
52) Toluene	10.41	92	21801	2.515	ug/l	96
68) m/p-Xylenes	11.86	106	18491	2.629	ug/l	97
69) o-Xylene	12.18	106	9878	1.544	ug/l	92
84) 1,2,4-Trimethylbenzene	13.27	105	22765	1.485	ug/l	96
95) Naphthalene	15.41	128	586401	58.419	ug/l	100

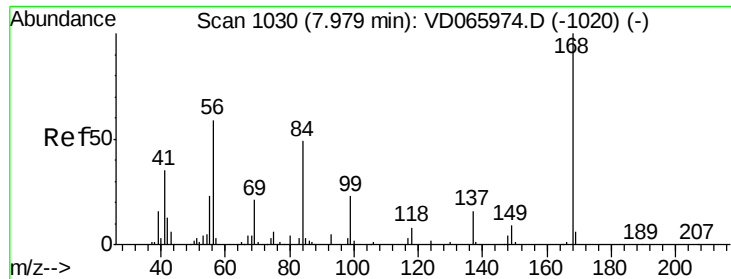
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072220\
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Quant Time: Jul 23 01:32:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066006.D

Acq: 22 Jul 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

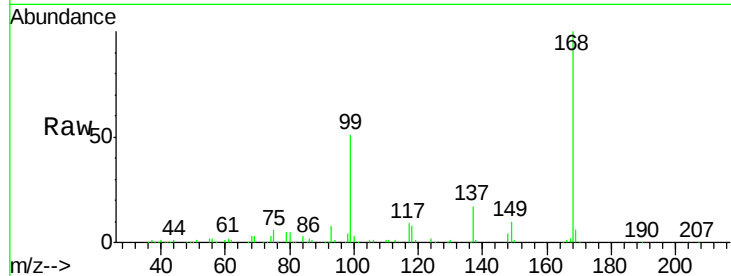
OR-03-072120

Tot Ion:168 Resp: 314676

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

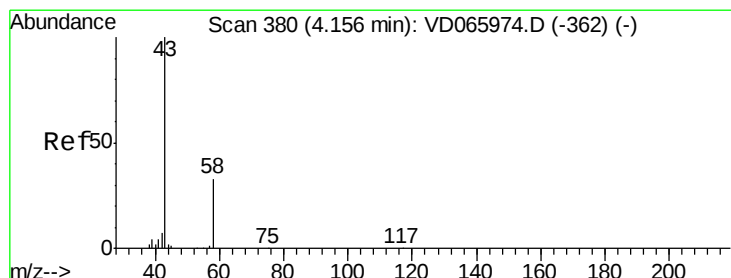
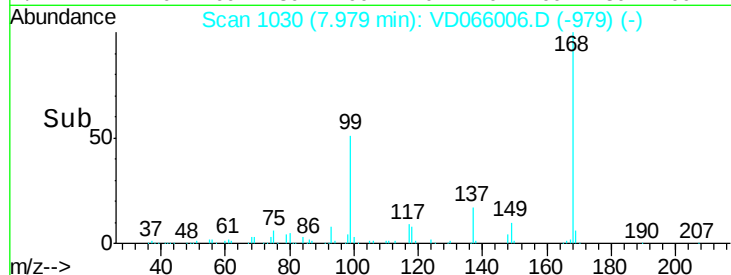
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.372 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066006.D

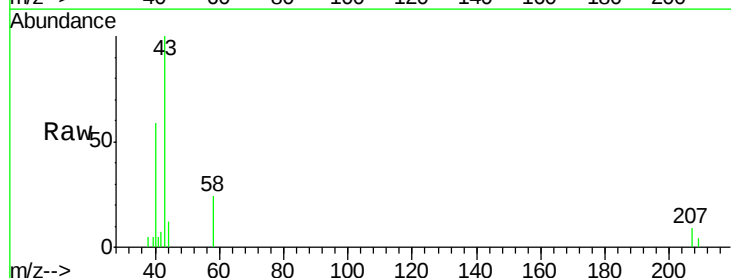
Acq: 22 Jul 2020 17:16

Tgt Ion: 43 Resp: 10040

Ion Ratio Lower Upper

43 100

58 23.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

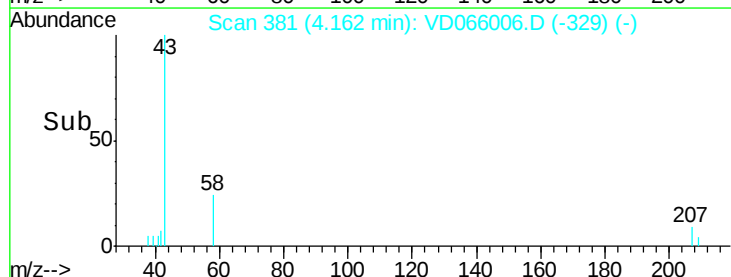
3000

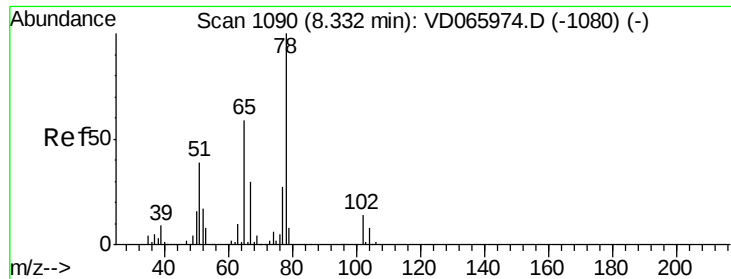
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.359 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066006.D

Acq: 22 Jul 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

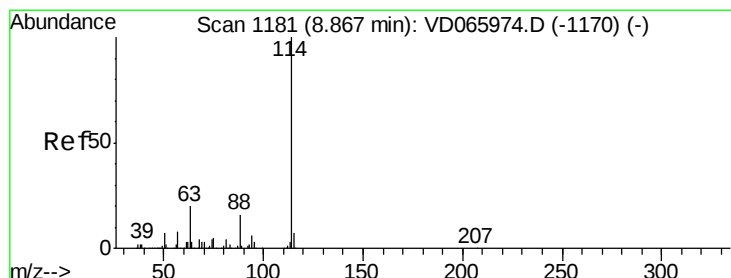
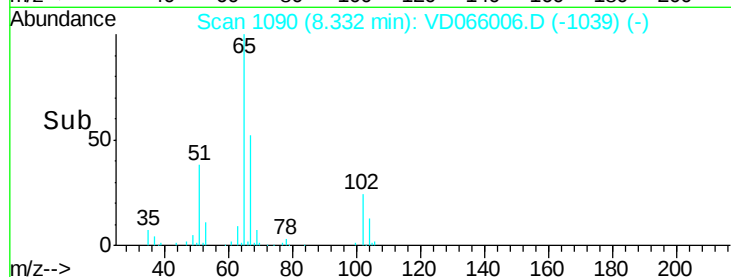
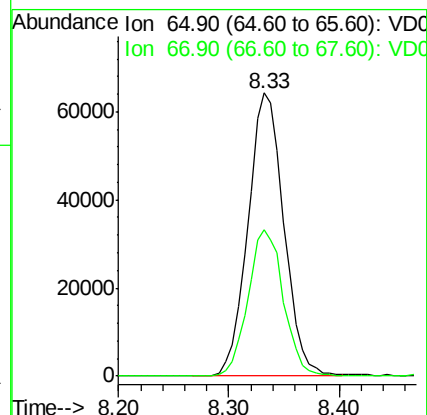
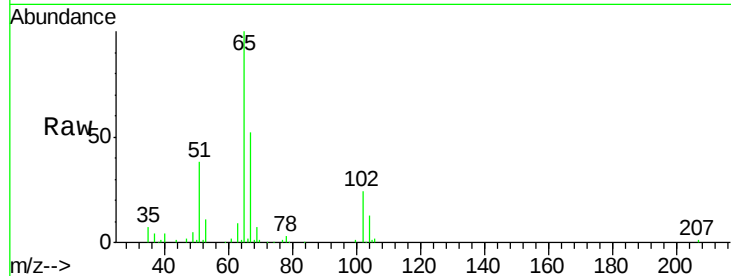
OR-03-072120

Tot Ion: 65 Resp: 146866

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066006.D

Acq: 22 Jul 2020 17:16

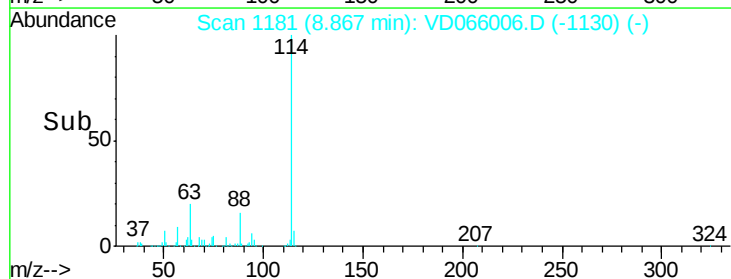
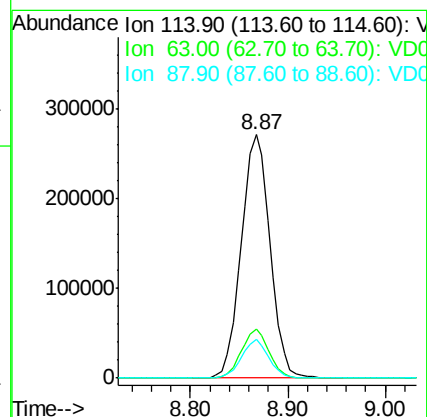
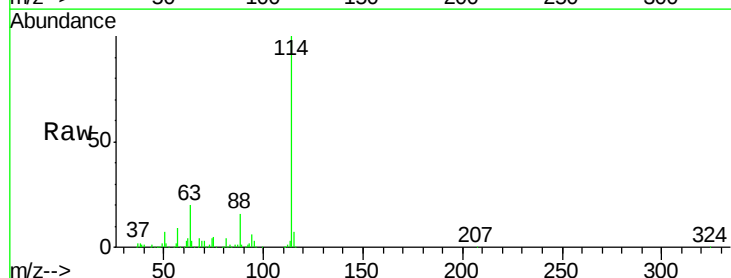
Tgt Ion: 114 Resp: 556717

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.0 0.0 31.2

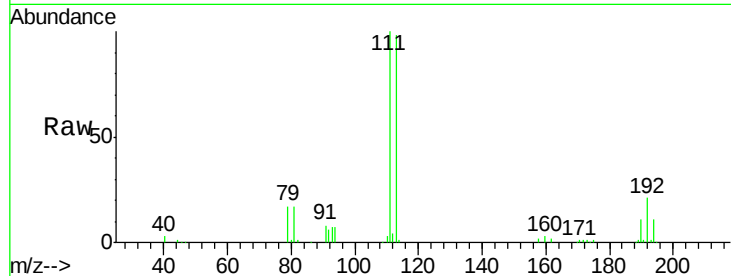




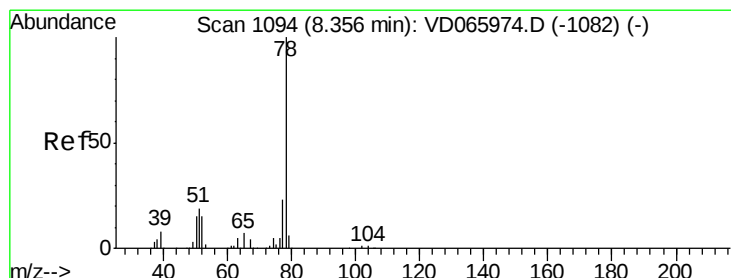
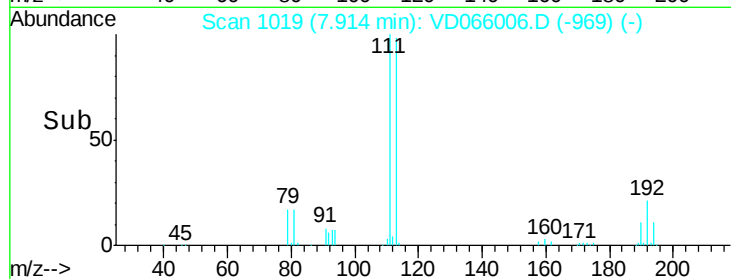
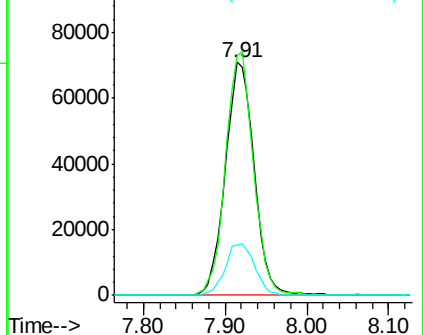
#35
 Dibromofluoromethane
 Concen: 51.587 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066006.D
 Acq: 22 Jul 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-072120

Tot Ion:113 Resp: 174192
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.2 124.8
 192 22.7 18.7 28.1

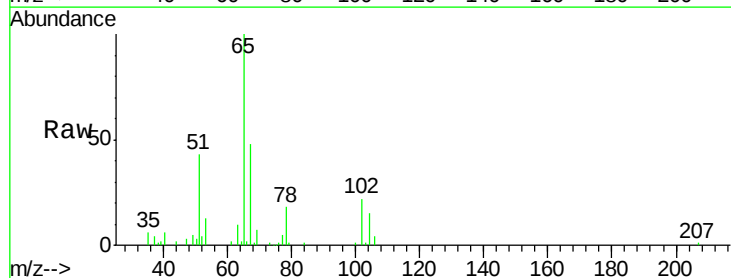


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

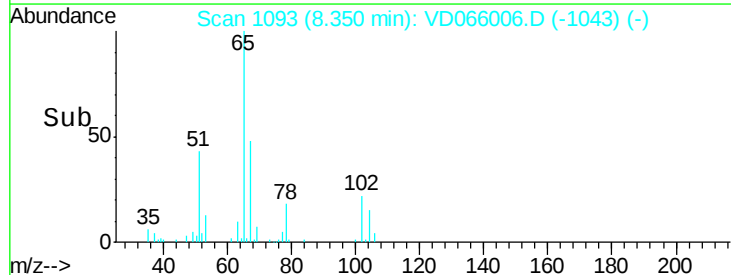
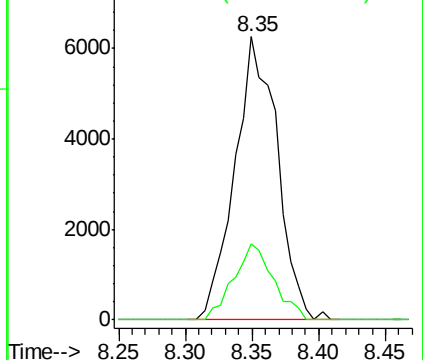


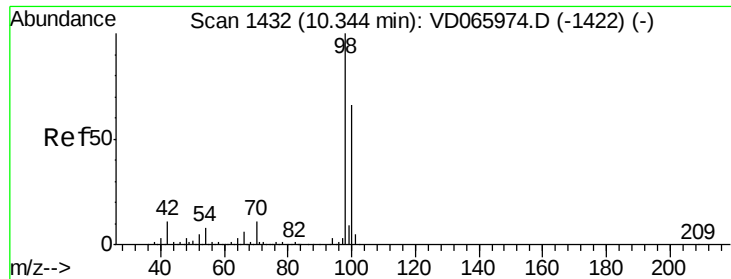
#40
 Benzene
 Concen: 1.039 ug/l
 RT: 8.35 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: VD066006.D
 Acq: 22 Jul 2020 17:16

Tgt Ion: 78 Resp: 13814
 Ion Ratio Lower Upper
 78 100
 77 26.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
 Ion 77.00 (76.70 to 77.70): VDC

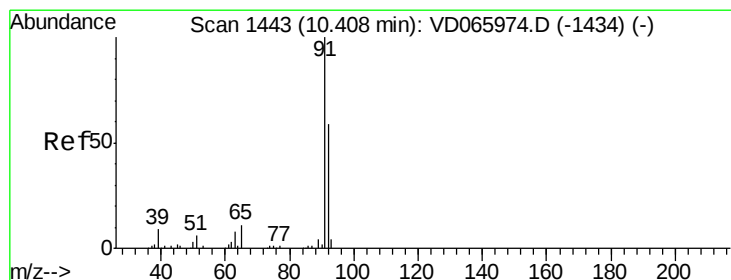
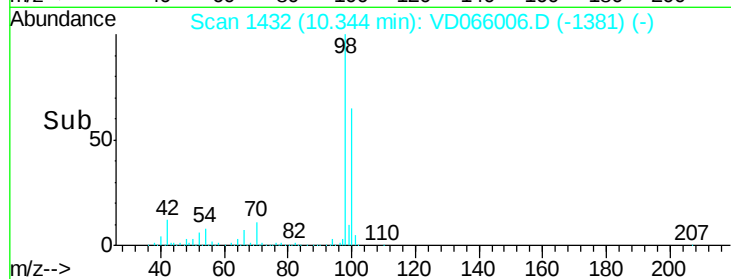
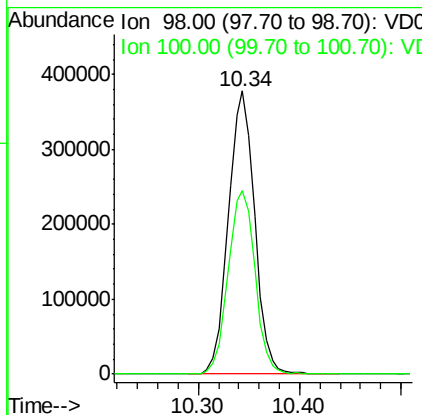
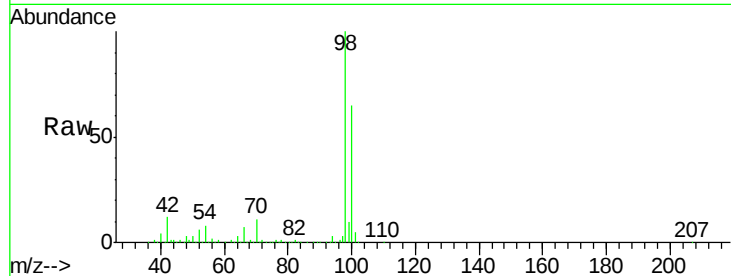




#50
Toluene-d8
Concen: 54.106 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

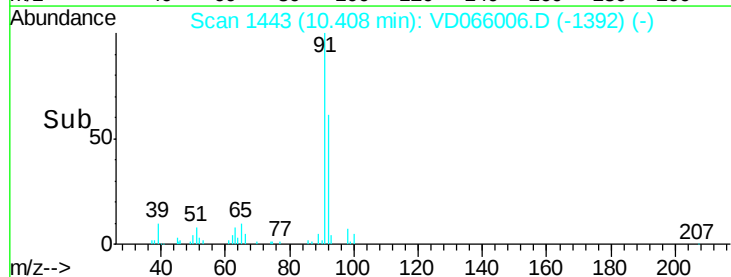
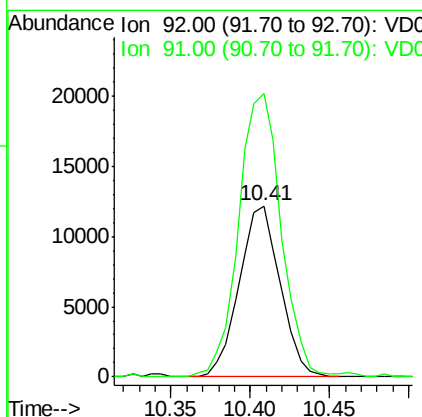
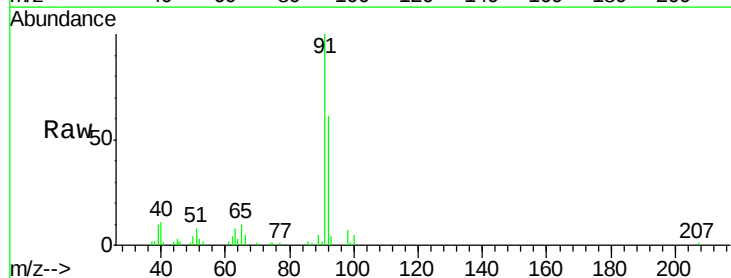
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072120

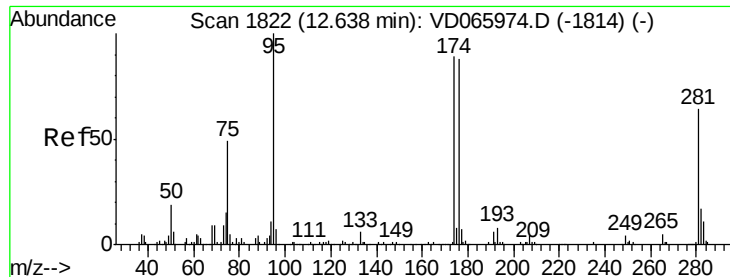
Tot Ion: 98 Resp: 680595
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#52
Toluene
Concen: 2.515 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

Tgt Ion: 92 Resp: 21801
Ion Ratio Lower Upper
92 100
91 173.2 134.5 201.7

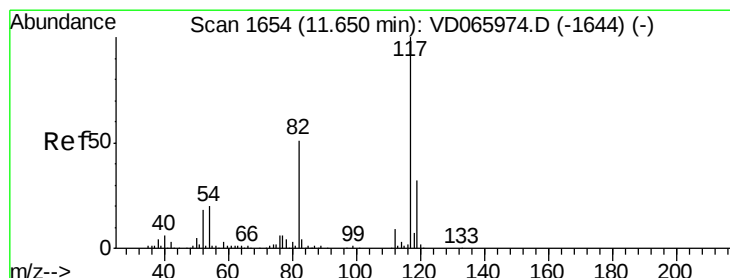
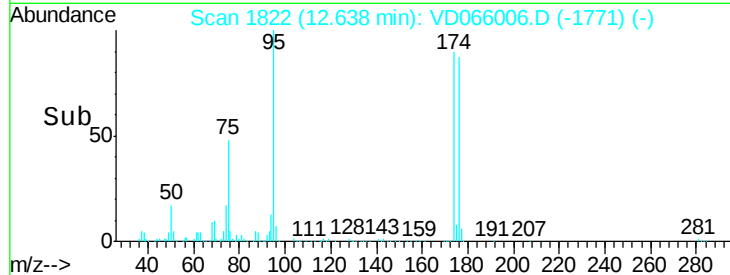
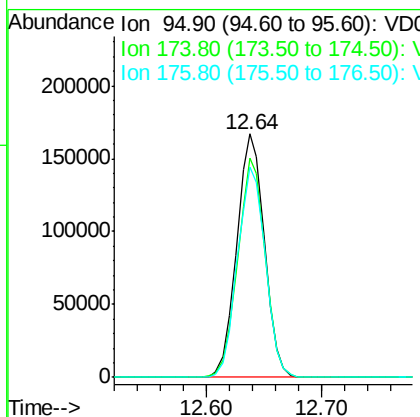
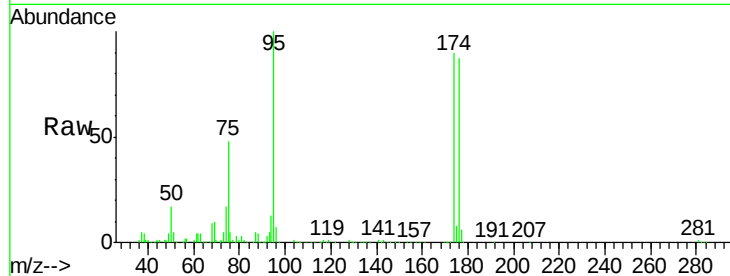




#62
4-Bromofluorobenzene
Concen: 63.255 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

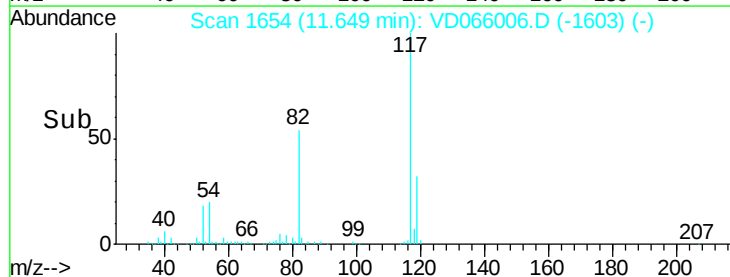
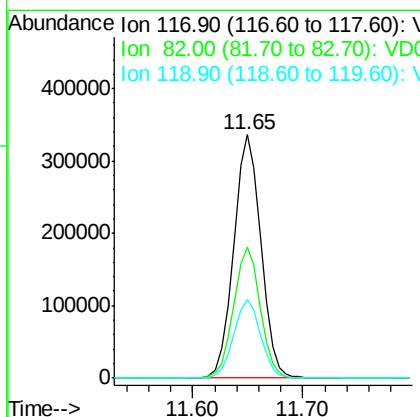
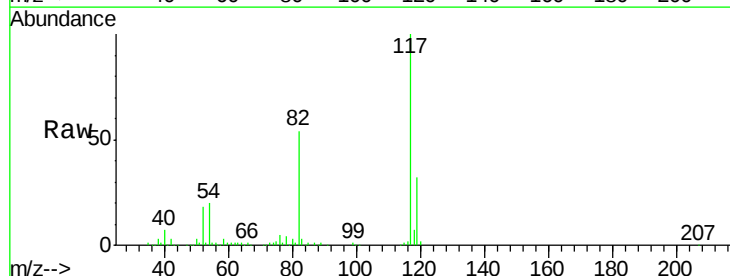
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072120

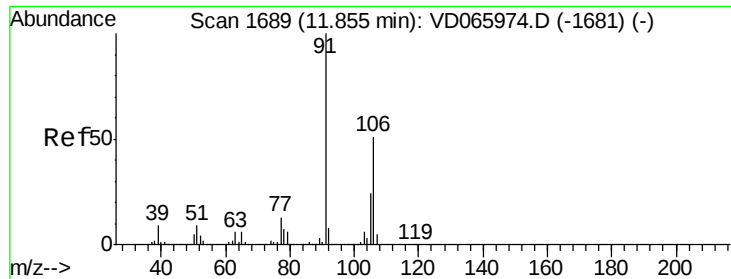
Tot Ion: 95 Resp: 275893
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.8
176 87.2 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

Tgt Ion: 117 Resp: 580797
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 32.2 25.9 38.9

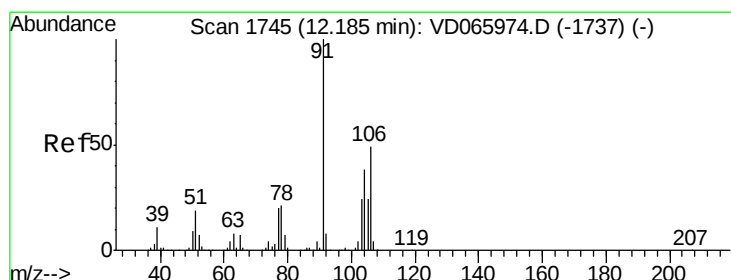
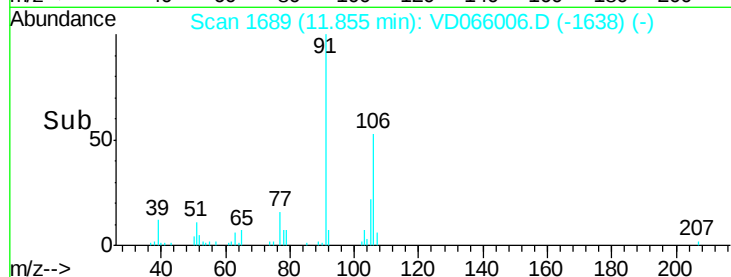
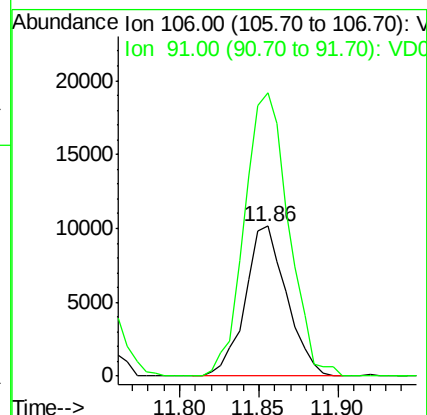
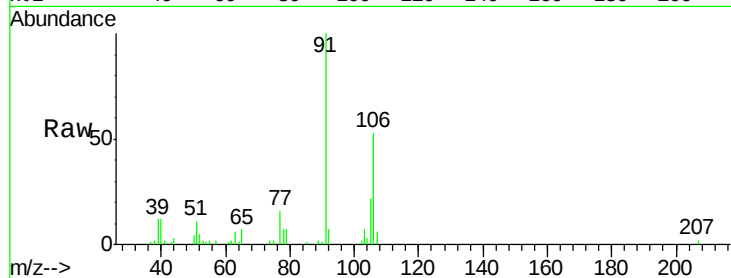




#68
m/p-Xylenes
Concen: 2.629 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

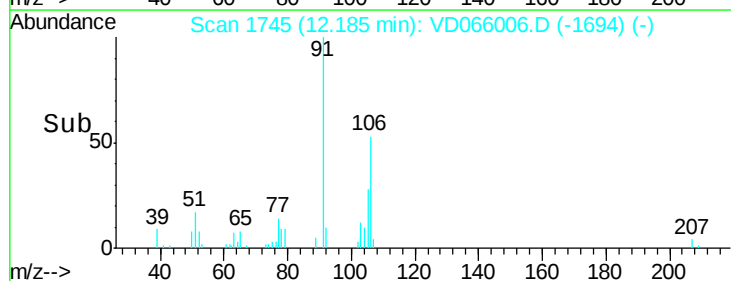
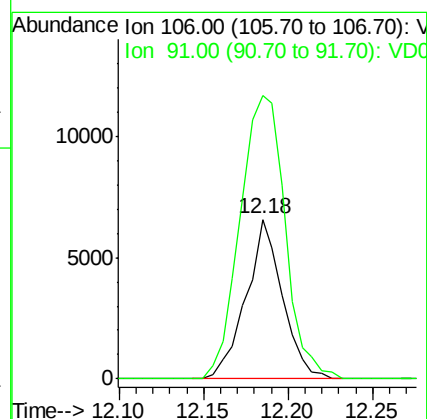
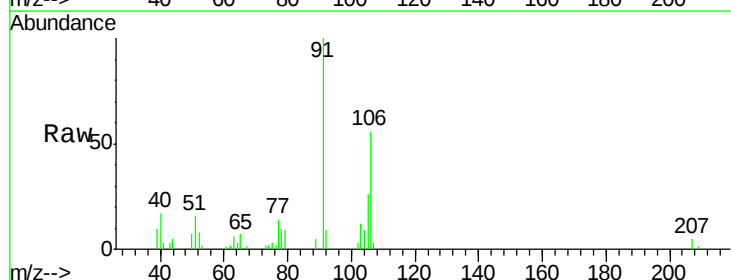
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MSVOA_D
ClientSampleId :
OR-03-072120

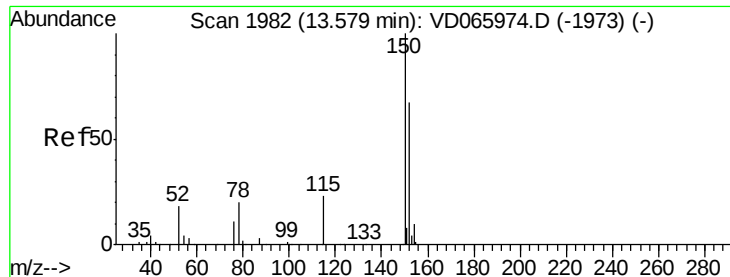
Tot Ion:106 Resp: 18491
Ion Ratio Lower Upper
106 100
91 200.9 157.0 235.6



#69
o-Xylene
Concen: 1.544 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

Tgt Ion:106 Resp: 9878
Ion Ratio Lower Upper
106 100
91 219.2 103.1 309.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066006.D

Acq: 22 Jul 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

OR-03-072120

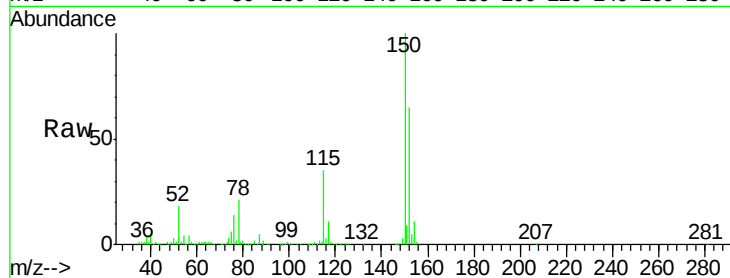
Tot Ion:152 Resp: 312635

Ion Ratio Lower Upper

152 100

115 54.3 27.9 83.7

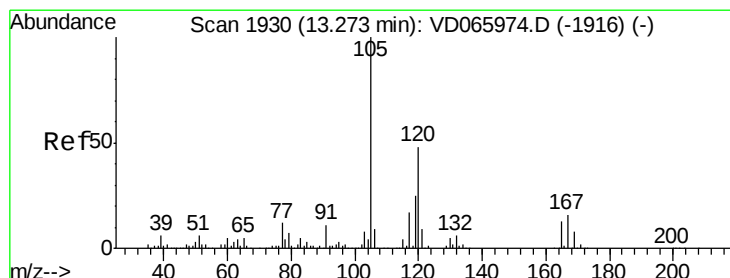
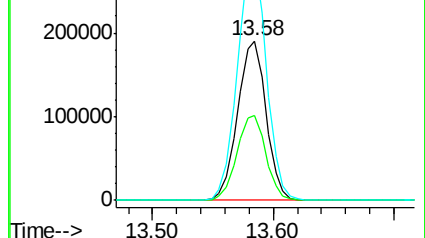
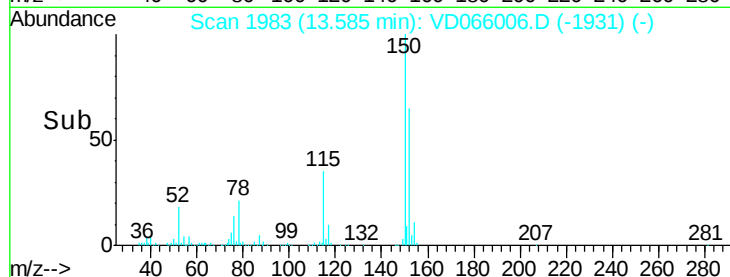
150 154.8 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.485 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066006.D

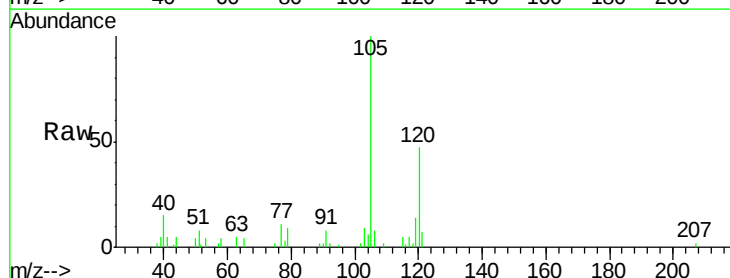
Acq: 22 Jul 2020 17:16

Tgt Ion:105 Resp: 22765

Ion Ratio Lower Upper

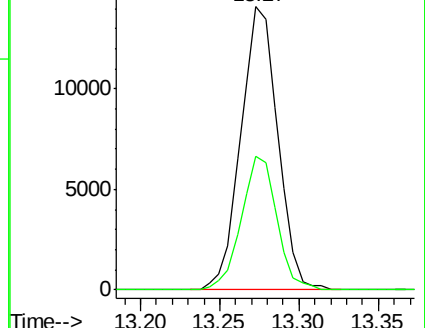
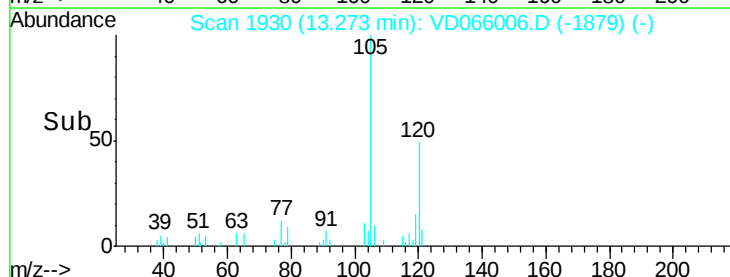
105 100

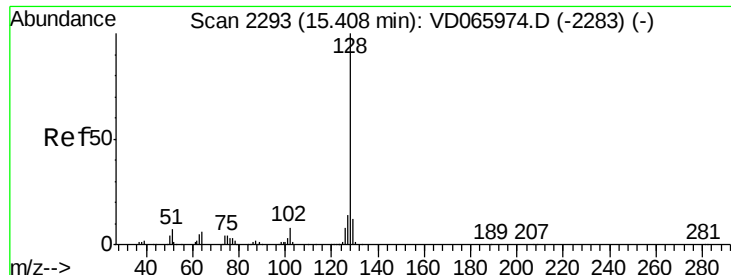
120 45.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

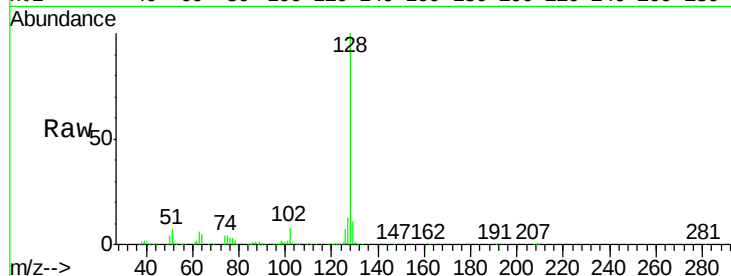




#95
Naphthalene
Concen: 58.419 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066006.D
Acq: 22 Jul 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-072120

Tot Ion:128 Resp: 586401
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.1 8.9 13.3



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

