

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066174.D
 Acq On : 10 Aug 2020 20:12
 Operator : VA/SY
 Sample : L3637-07
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-1

Quant Time: Aug 11 06:04:38 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

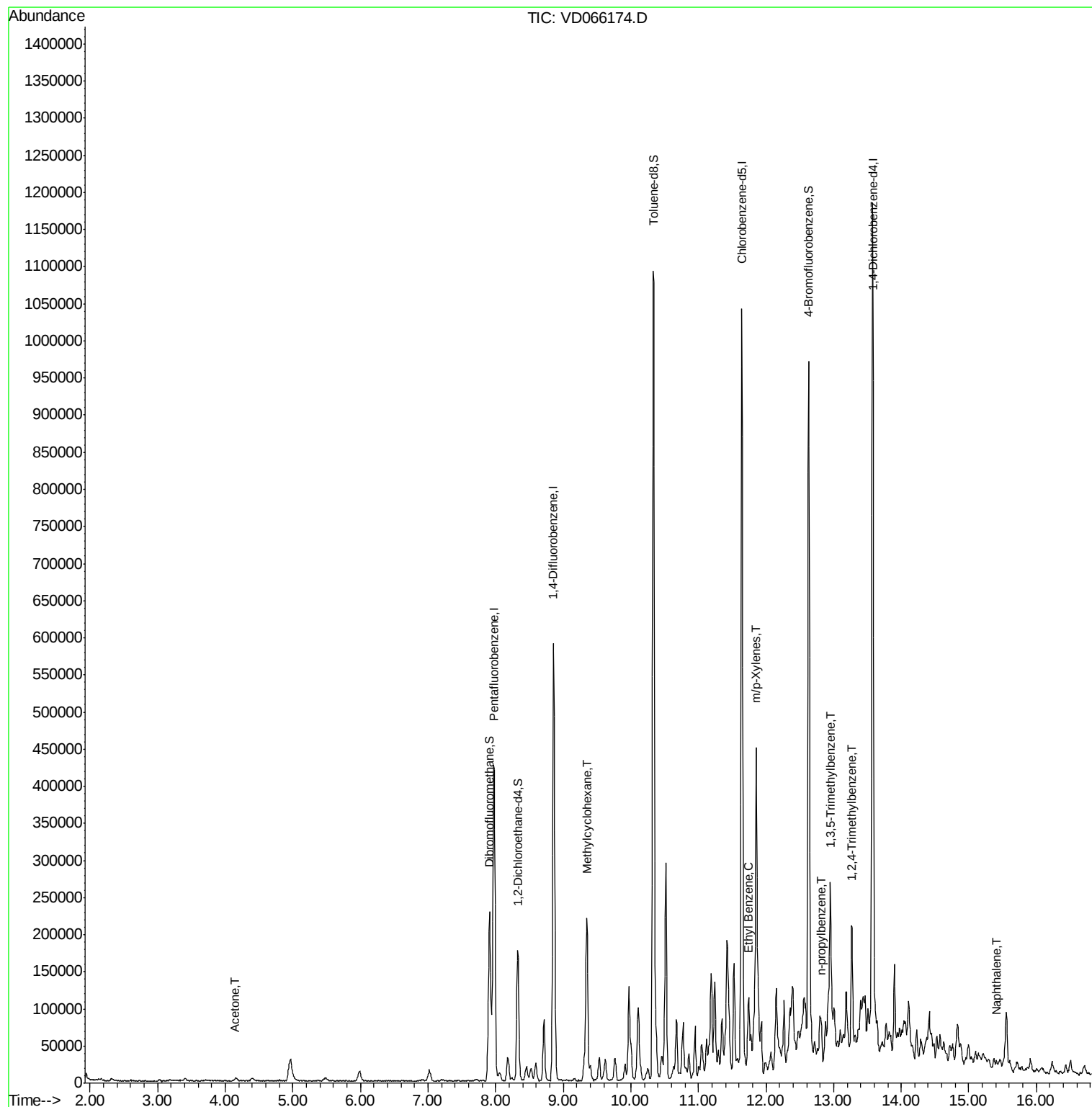
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	315832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	530746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	136659	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	7.91	113	162162	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.34	98	671699	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.63	95	299365	66.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	7645	14.299	ug/l #	86
39) Methylcyclohexane	9.35	83	89816	14.897	ug/l	98
67) Ethyl Benzene	11.74	91	59906	2.807	ug/l	96
68) m/p-Xylenes	11.86	106	41157	4.977	ug/l	92
78) n-propylbenzene	12.82	91	35360	1.472	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	18776	1.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	96293	5.568	ug/l	100
95) Naphthalene	15.41	128	10673	1.005	ug/l #	86

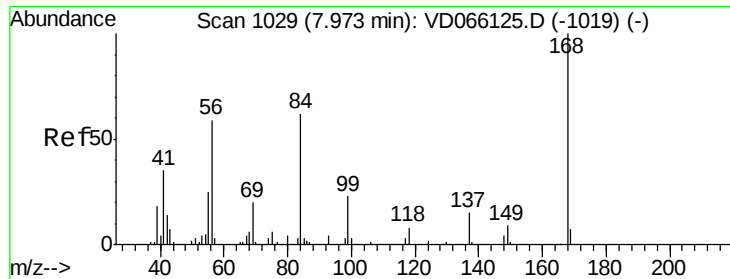
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

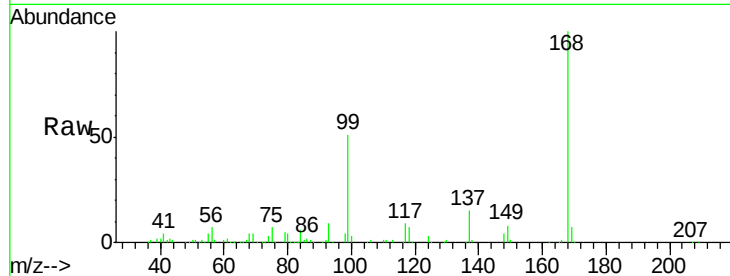
CAR-WASH-AREA-1

Tot Ion:168 Resp: 315832

Ion Ratio Lower Upper

168 100

99 50.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

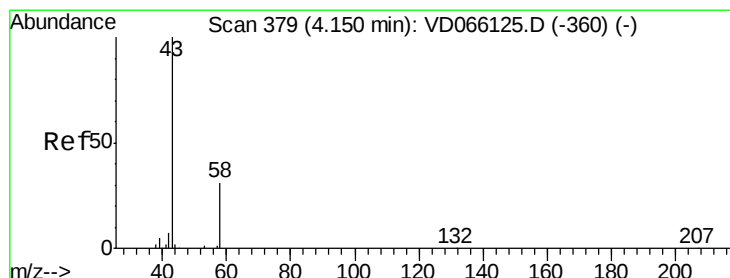
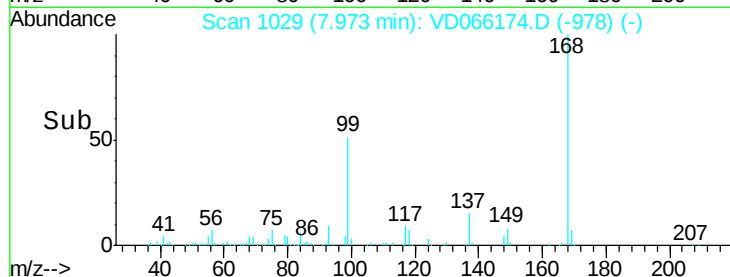
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.299 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066174.D

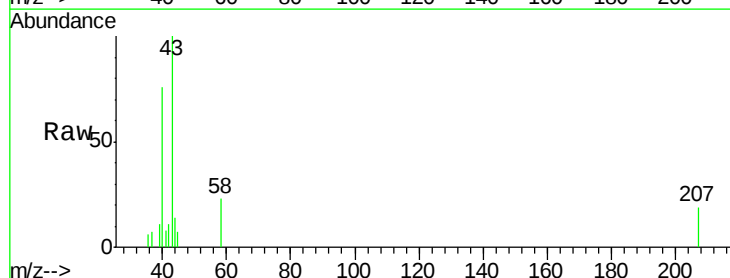
Acq: 10 Aug 2020 20:12

Tgt Ion: 43 Resp: 7645

Ion Ratio Lower Upper

43 100

58 23.4 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

3000

2500

2000

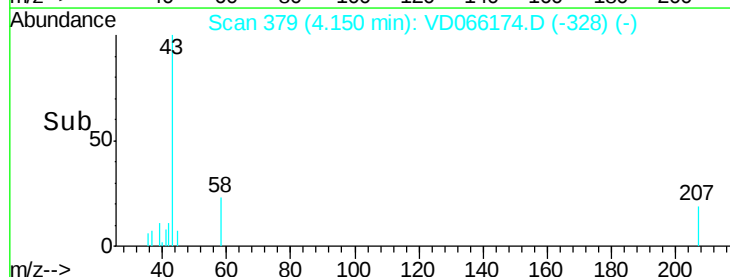
1500

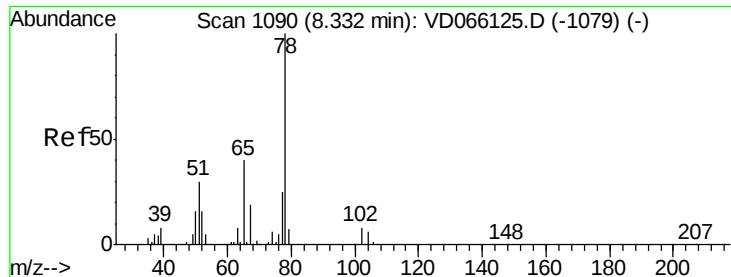
1000

500

0

Time-->

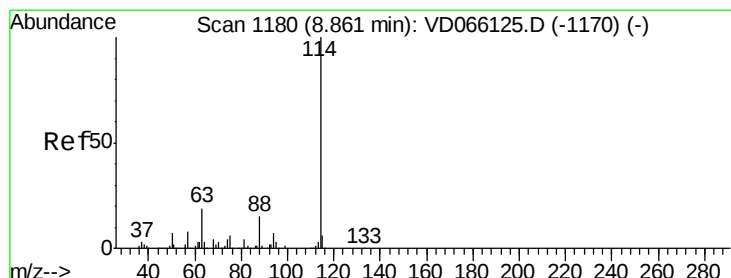
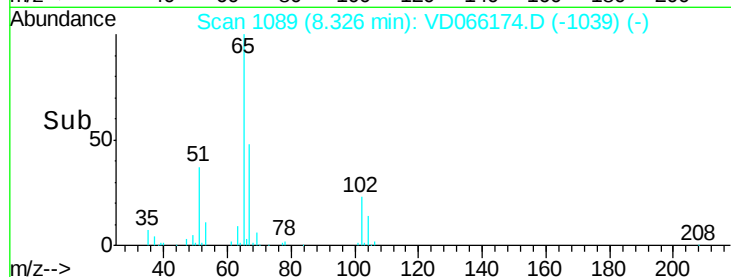
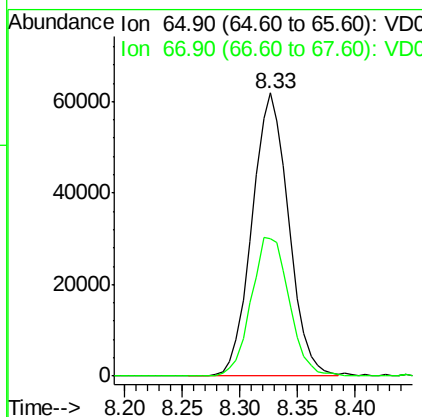
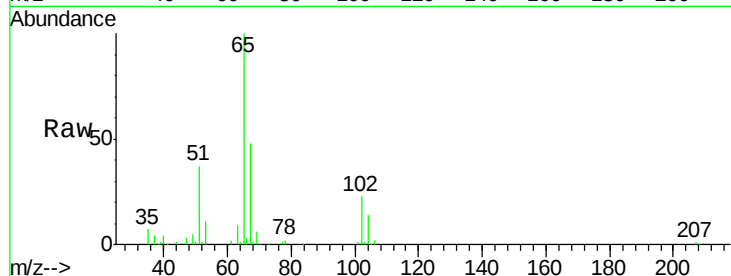




#33
 1,2-Dichloroethane-d4
 Concen: 48.500 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066174.D
 Acq: 10 Aug 2020 20:12

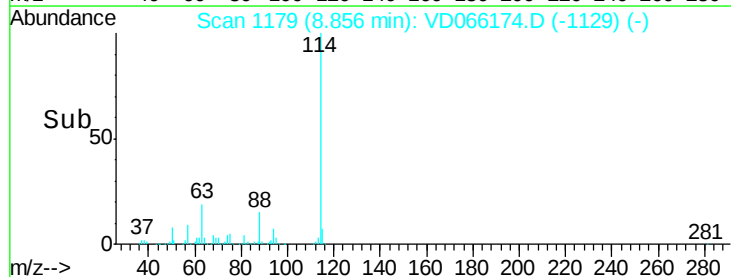
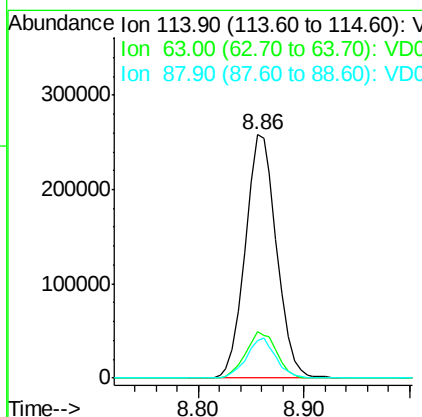
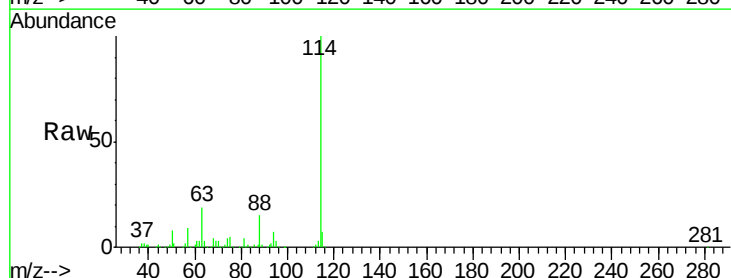
Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-1

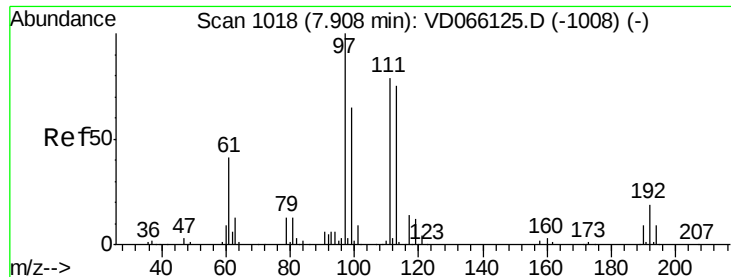
Tot Ion: 65 Resp: 136659
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066174.D
 Acq: 10 Aug 2020 20:12

Tgt Ion: 114 Resp: 530746
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.3 0.0 30.0

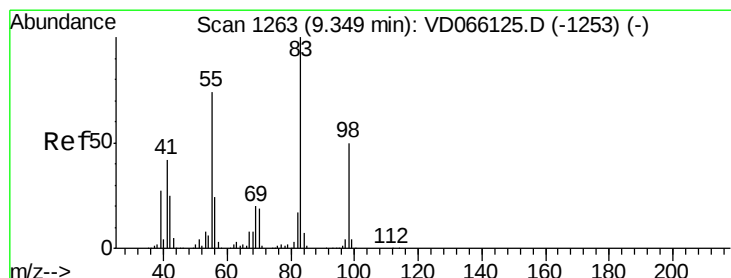
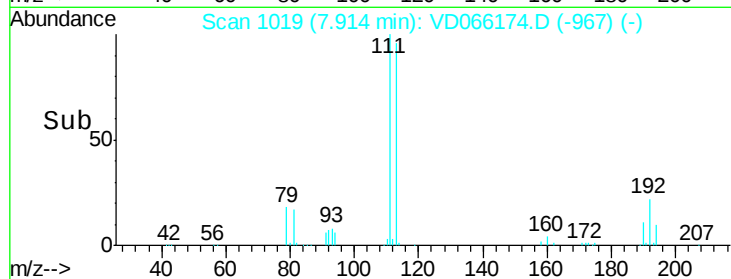
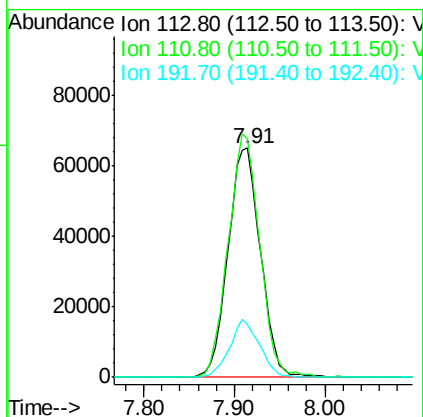
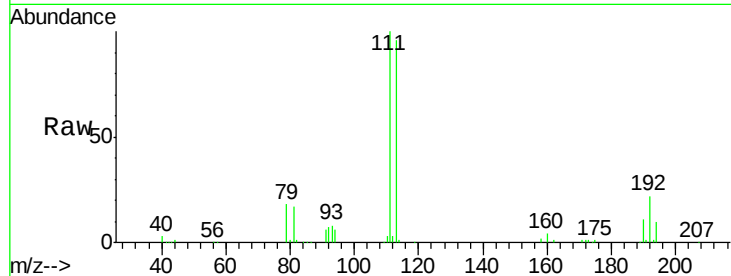




#35
Dibromofluoromethane
Concen: 48.231 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066174.D
Acq: 10 Aug 2020 20:12

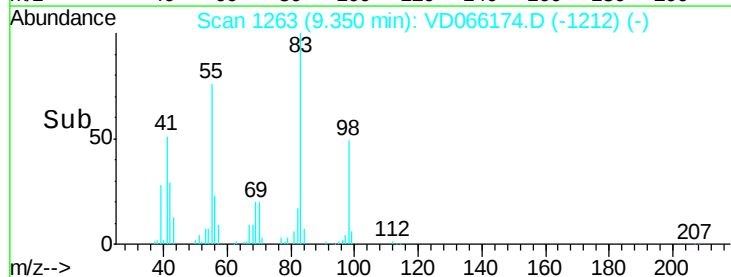
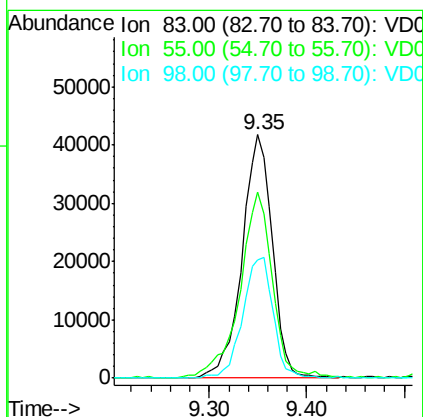
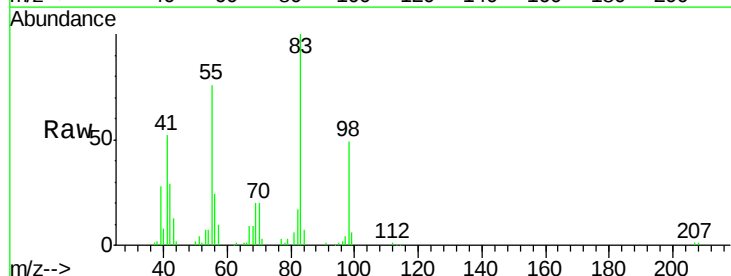
Instrument :
MSVOA_D
ClientSampleId :
CAR-WASH-AREA-1

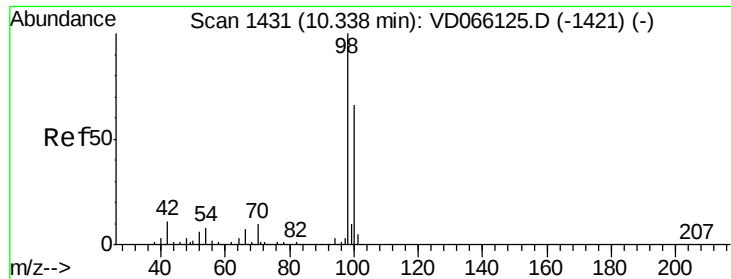
Tot Ion:113 Resp: 162162
Ion Ratio Lower Upper
113 100
111 103.2 80.7 121.1
192 23.0 18.4 27.6



#39
Methylcyclohexane
Concen: 14.897 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066174.D
Acq: 10 Aug 2020 20:12

Tgt Ion: 83 Resp: 89816
Ion Ratio Lower Upper
83 100
55 75.7 59.2 88.8
98 48.6 39.8 59.6





#50

Toluene-d8

Concen: 54.137 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

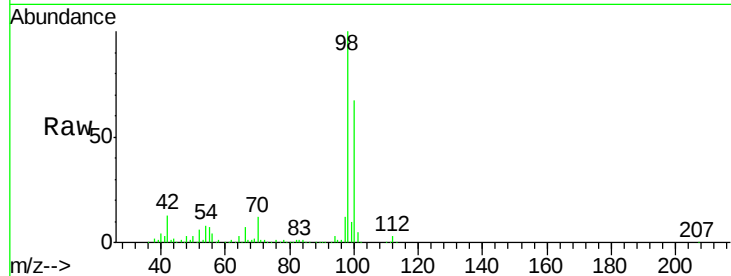
CAR-WASH-AREA-1

Tot Ion: 98 Resp: 671699

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD066125.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066125.D (-1421) (-)

10.34

400000

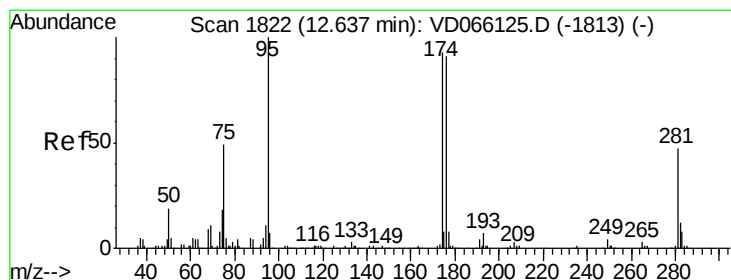
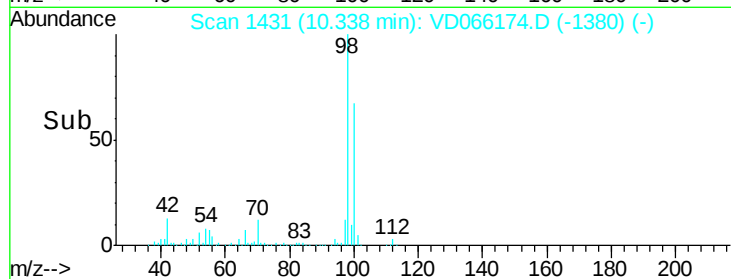
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 66.936 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

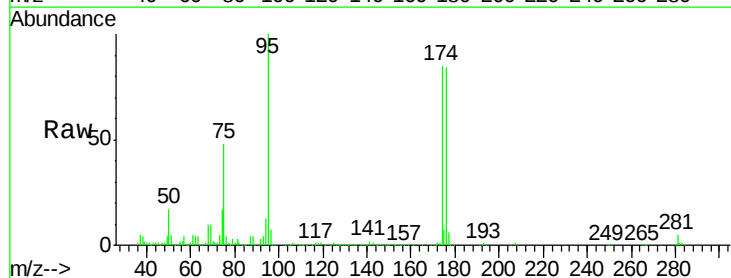
Tgt Ion: 95 Resp: 299365

Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.8

176 84.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)

12.63

250000

200000

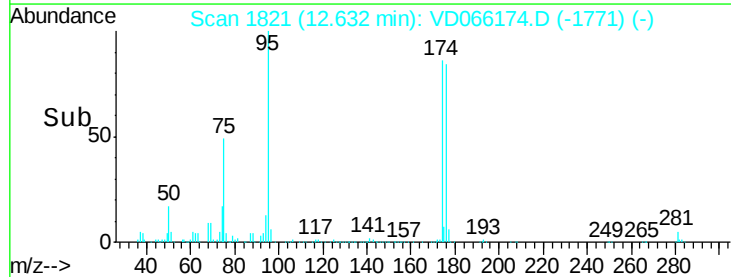
150000

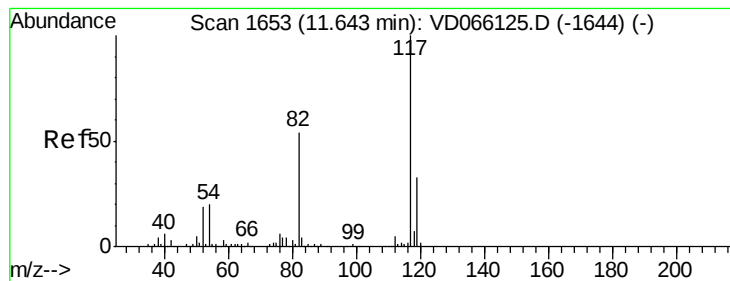
100000

50000

0

Time--> 12.55 12.60 12.65 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

CAR-WASH-AREA-1

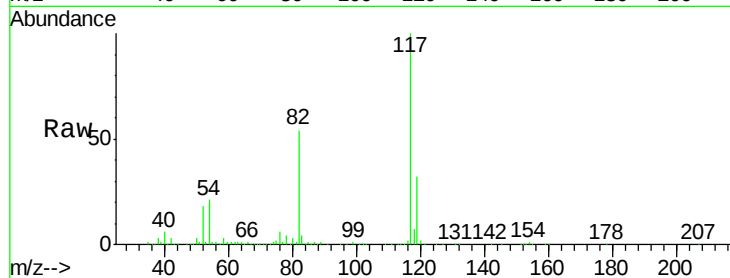
Tot Ion:117 Resp: 606687

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

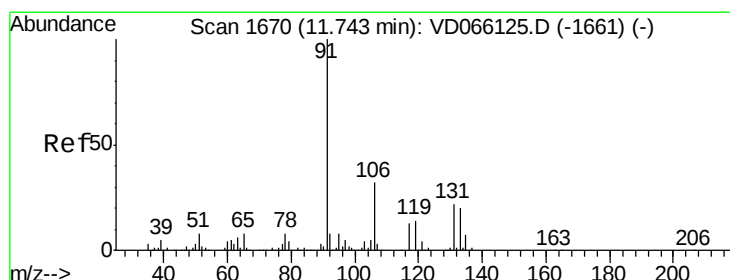
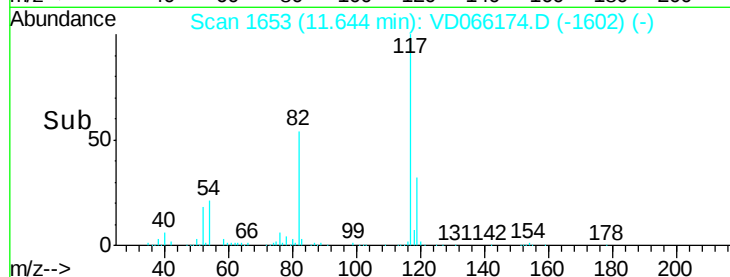
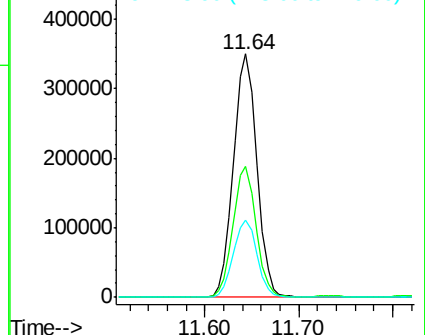
119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 2.807 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066174.D

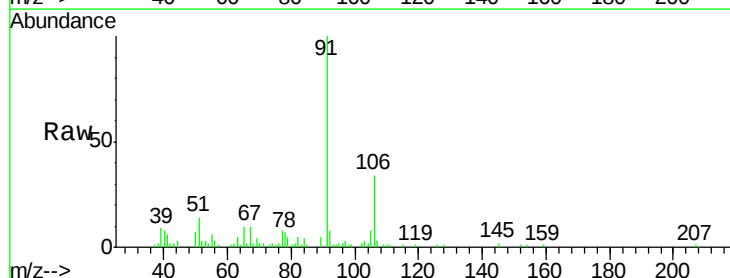
Acq: 10 Aug 2020 20:12

Tgt Ion: 91 Resp: 59906

Ion Ratio Lower Upper

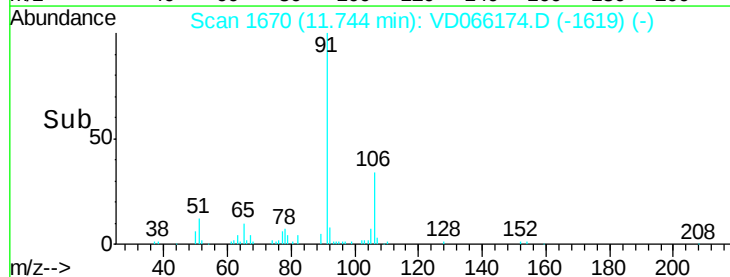
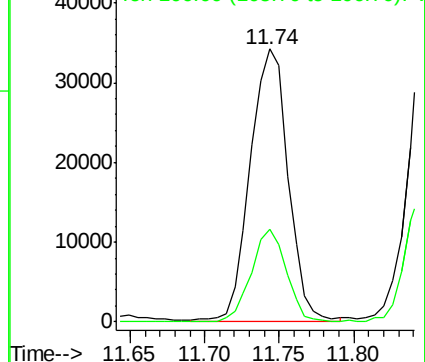
91 100

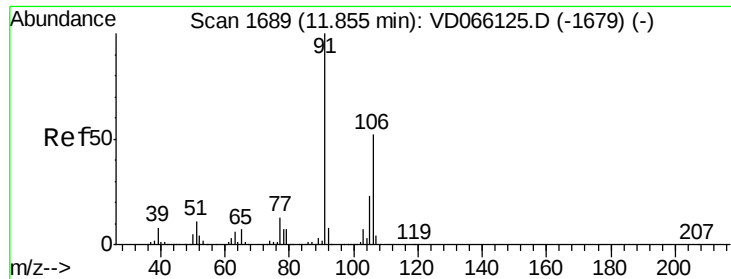
106 34.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V

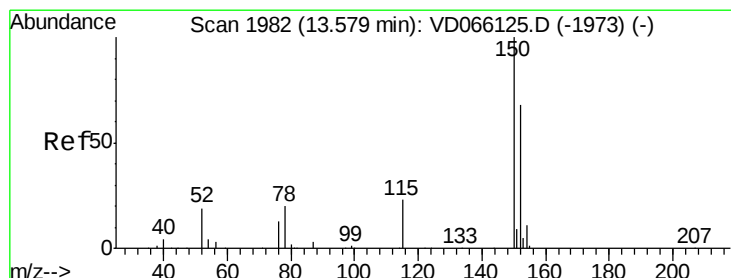
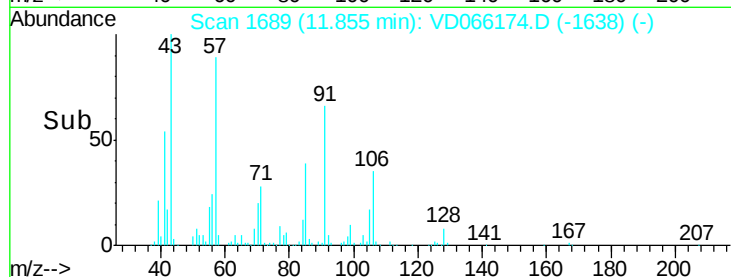
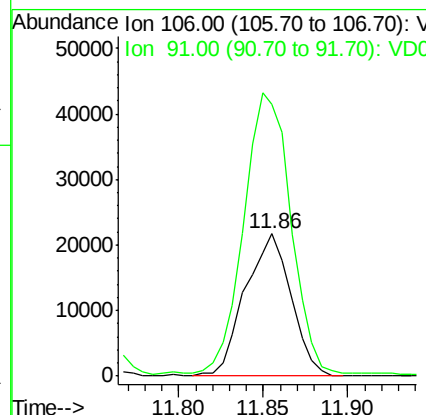
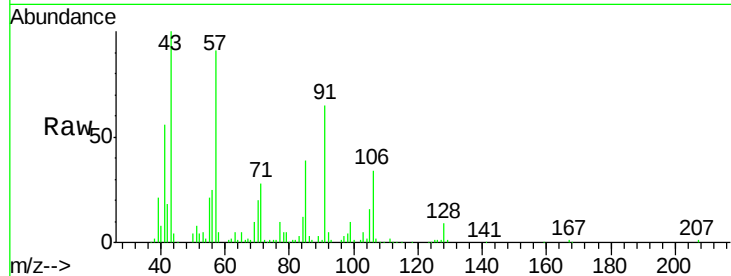




#68
m/p-Xvlenes
Concen: 4.977 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066174.D
Acq: 10 Aug 2020 20:12

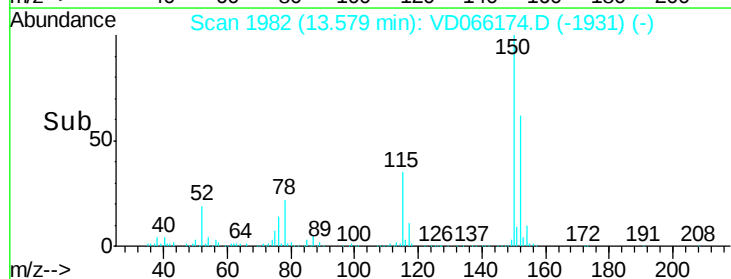
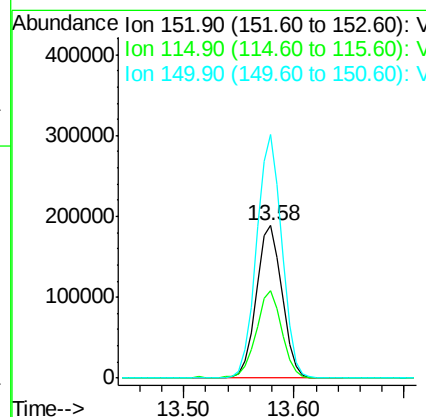
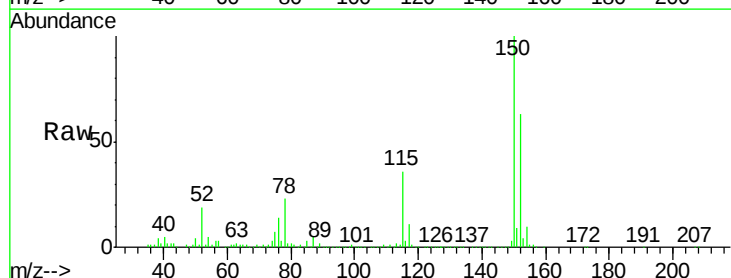
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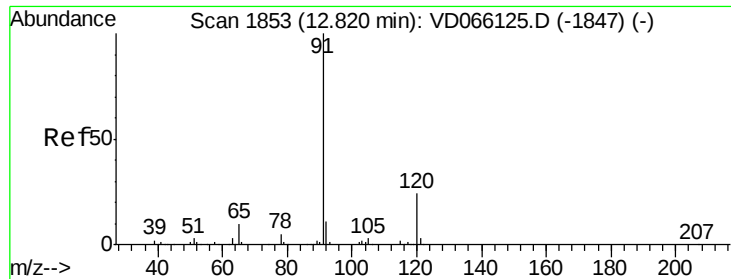
Tot Ion:106 Resp: 41157
Ion Ratio Lower Upper
106 100
91 208.2 156.6 235.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066174.D
Acq: 10 Aug 2020 20:12

Tgt Ion:152 Resp: 309574
Ion Ratio Lower Upper
152 100
115 57.3 28.0 83.9
150 156.4 0.0 346.4





#78

n-propylbenzene

Concen: 1.472 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

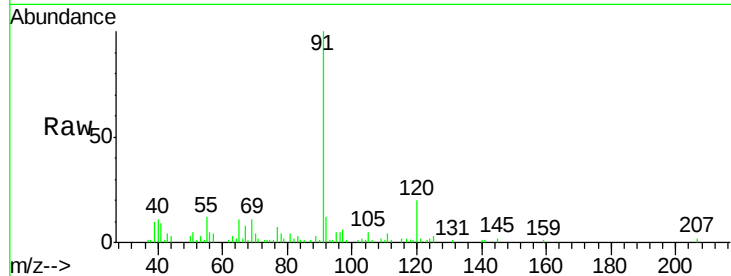
CAR-WASH-AREA-1

Tot Ion: 91 Resp: 35360

Ion Ratio Lower Upper

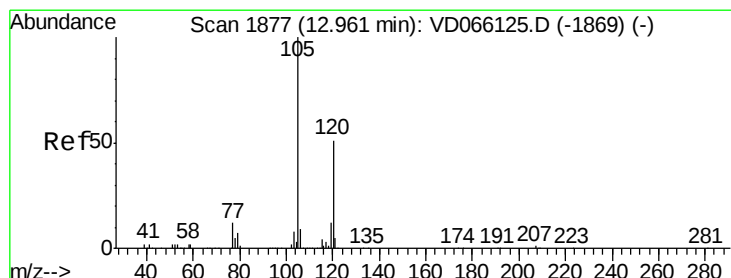
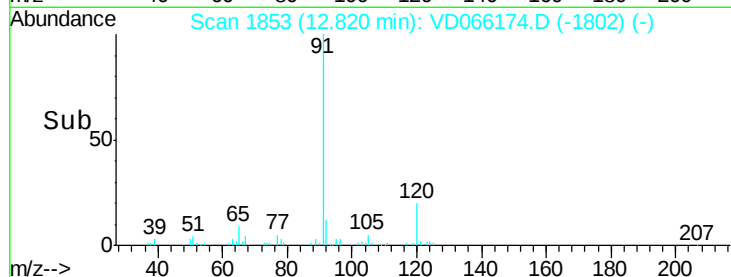
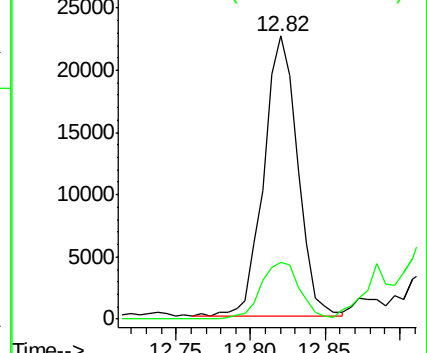
91 100

120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.086 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066174.D

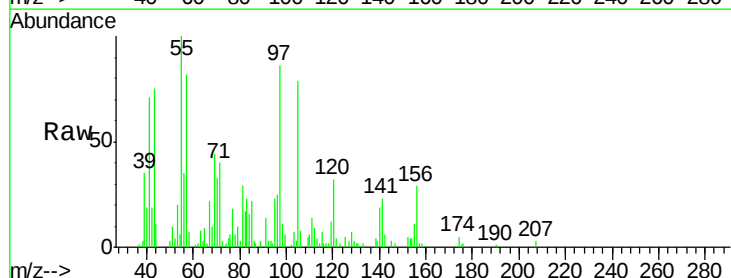
Acq: 10 Aug 2020 20:12

Tgt Ion:105 Resp: 18776

Ion Ratio Lower Upper

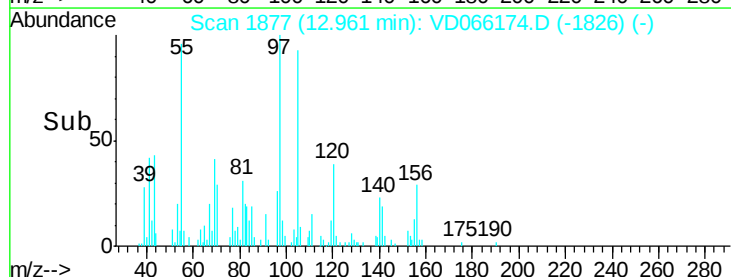
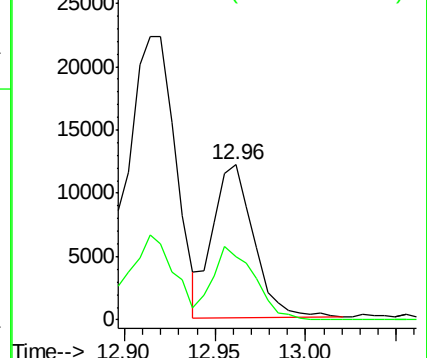
105 100

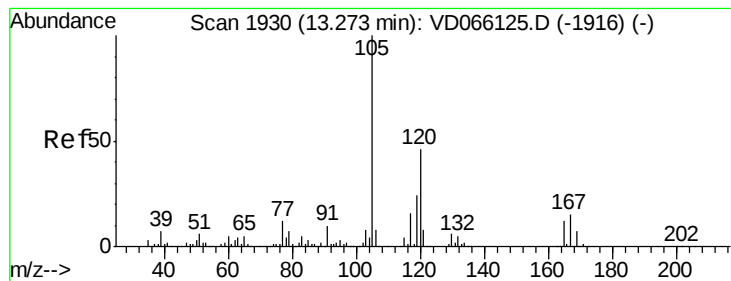
120 50.3 25.3 75.8



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: 5.568 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

Instrument :

MSVOA_D

ClientSampleId :

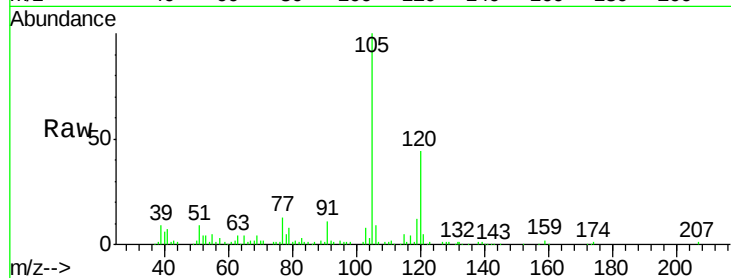
CAR-WASH-AREA-1

Tot Ion:105 Resp: 96293

Ion Ratio Lower Upper

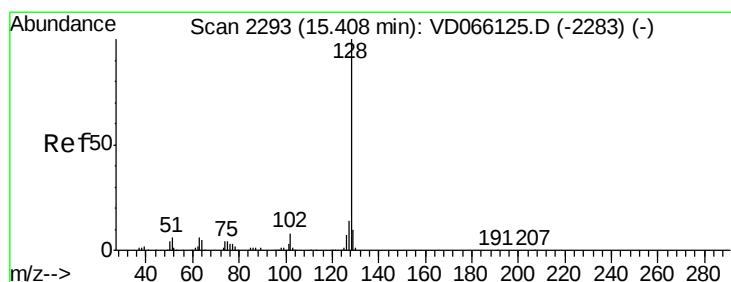
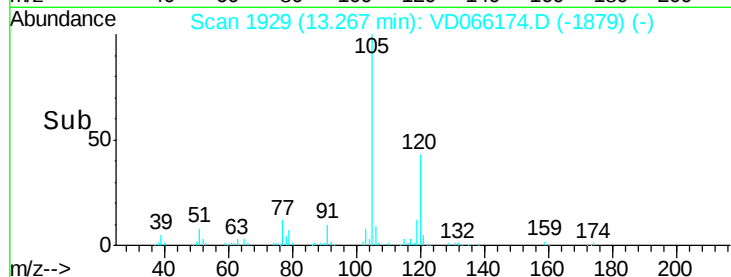
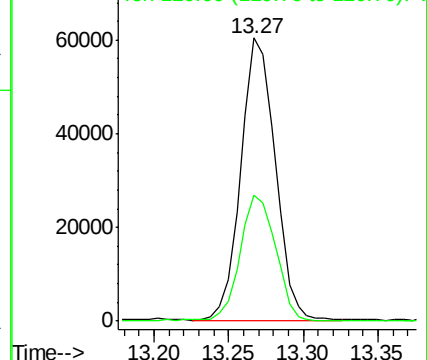
105 100

120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.005 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066174.D

Acq: 10 Aug 2020 20:12

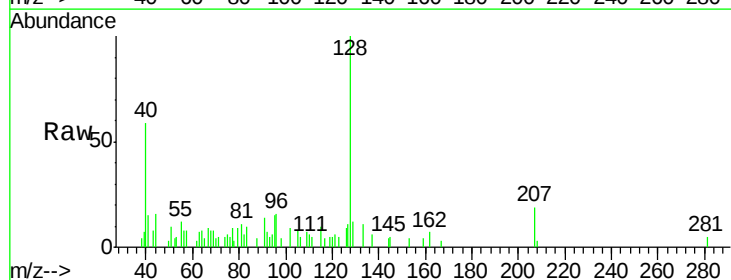
Tgt Ion:128 Resp: 10673

Ion Ratio Lower Upper

128 100

127 15.2 11.0 16.4

129 1.3 8.8 13.2#



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

