

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066176.D
 Acq On : 10 Aug 2020 21:08
 Operator : VA/SY
 Sample : L3637-19
 Misc : 7.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-3

Quant Time: Aug 11 06:09:56 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

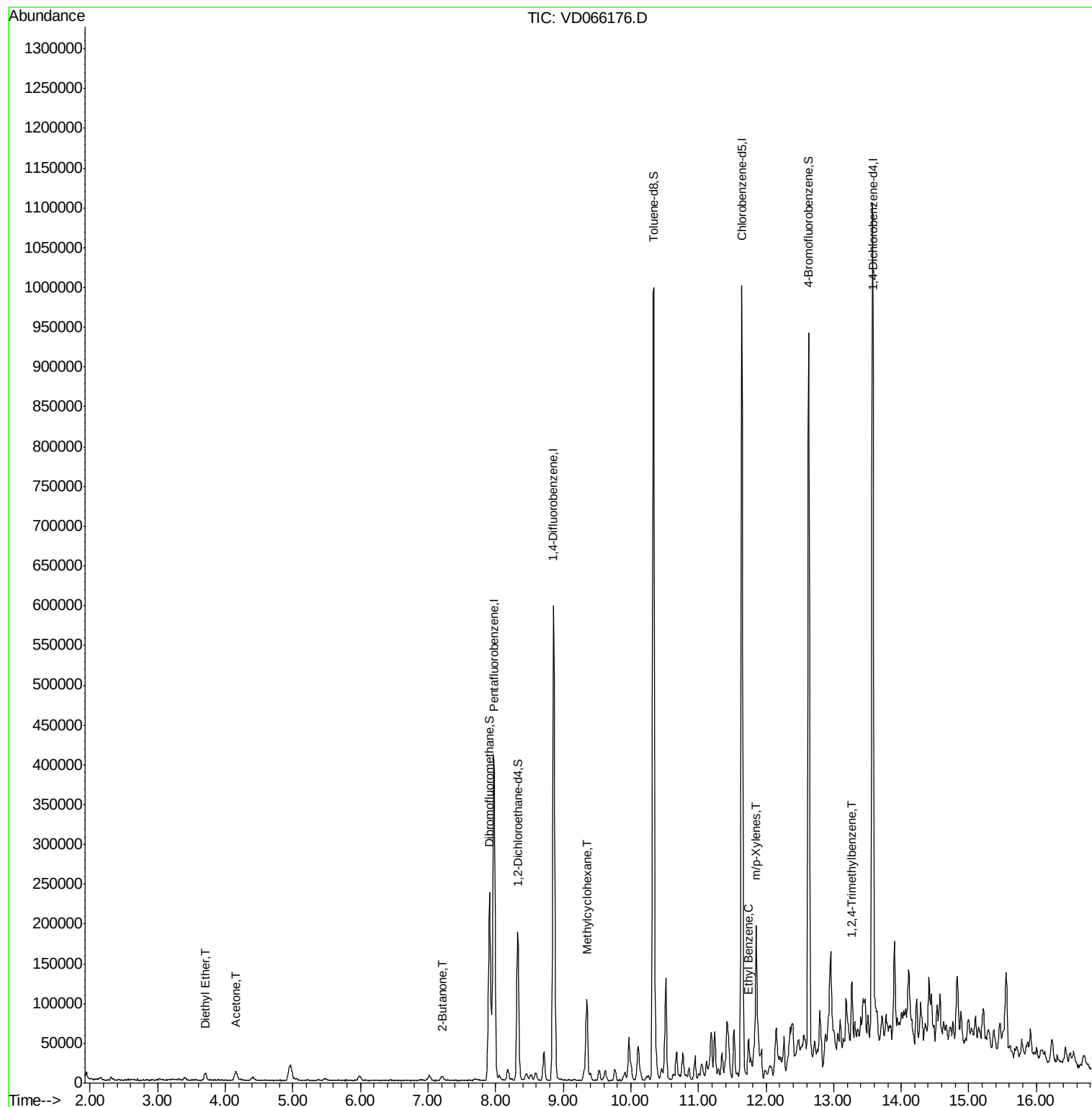
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	311308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	537517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	599424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141164	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.91	113	162084	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.34	98	664896	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.63	95	288399	63.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.34%	
Target Compounds						
8) Diethyl Ether	3.71	74	5065	3.645	ug/l	88
16) Acetone	4.16	43	20511	38.922	ug/l	98
25) 2-Butanone	7.21	43	6880	8.876	ug/l #	80
39) Methylcyclohexane	9.35	83	39063	6.398	ug/l	91
67) Ethyl Benzene	11.74	91	27178	1.289	ug/l	96
68) m/p-Xylenes	11.86	106	18876	2.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	43411	2.589	ug/l	95

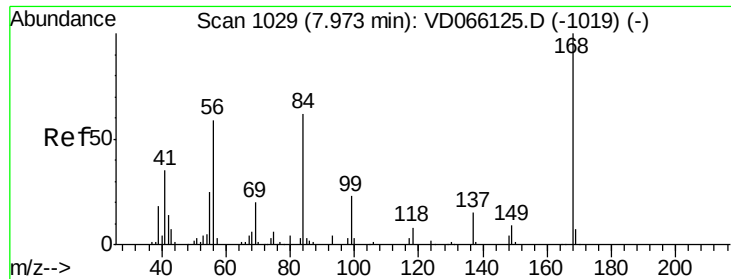
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066176.D

Acq: 10 Aug 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

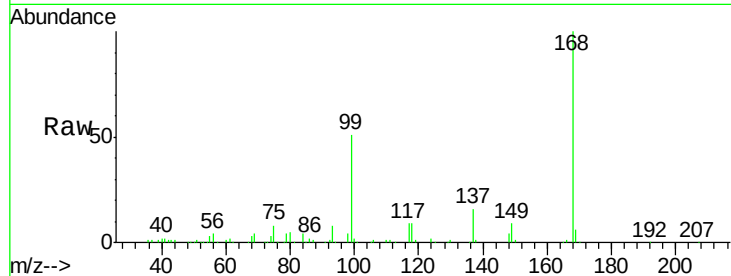
CAR-WASH-AREA-3

Tot Ion:168 Resp: 311308

Ion Ratio Lower Upper

168 100

99 50.8 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

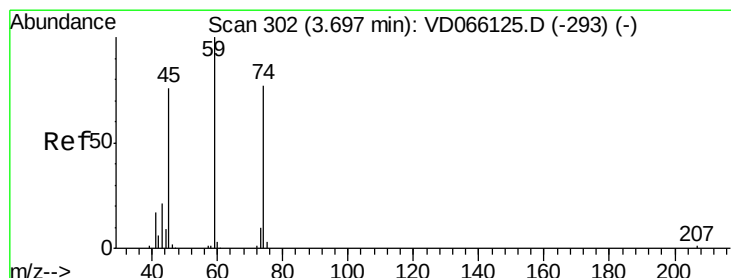
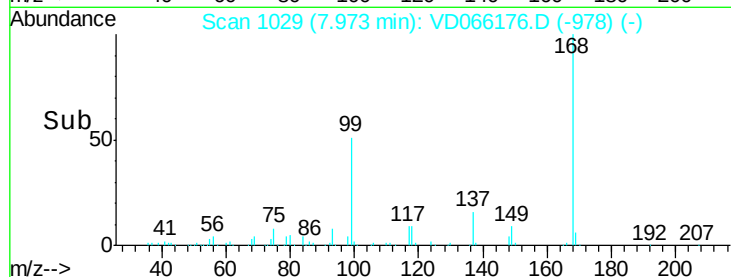
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.645 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066176.D

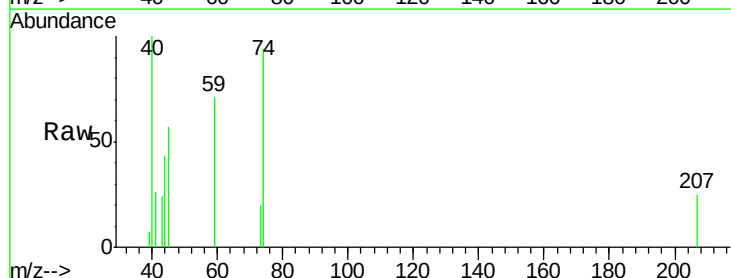
Acq: 10 Aug 2020 21:08

Tgt Ion: 74 Resp: 5065

Ion Ratio Lower Upper

74 100

45 84.7 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2500

2000

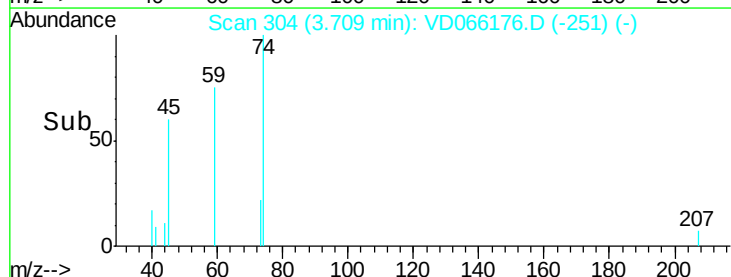
1500

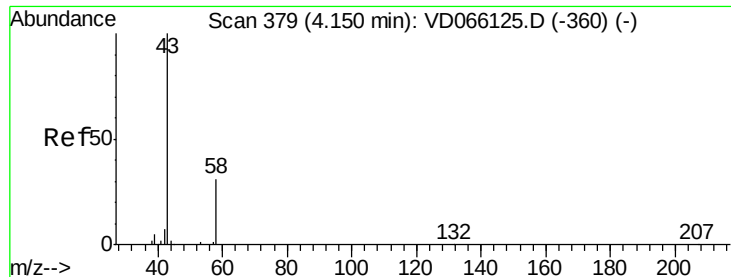
1000

500

0

Time-->





#16

Acetone

Concen: 38.922 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066176.D

Acq: 10 Aug 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

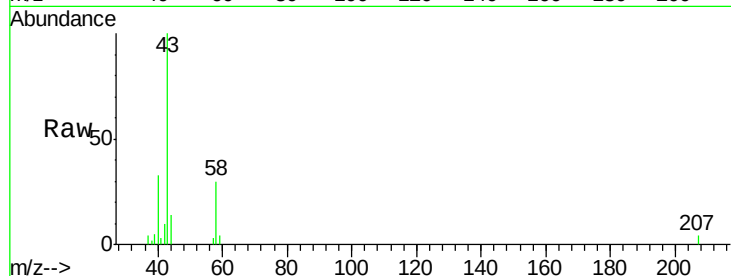
CAR-WASH-AREA-3

Tot Ion: 43 Resp: 20511

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

8000

6000

4000

2000

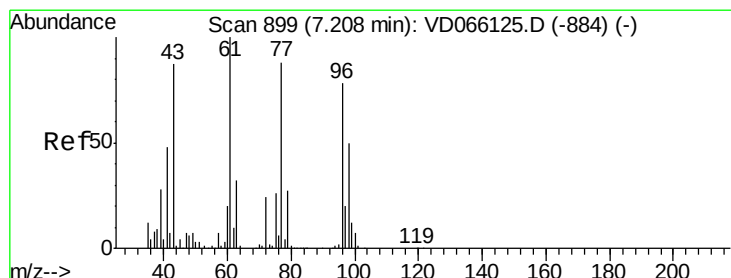
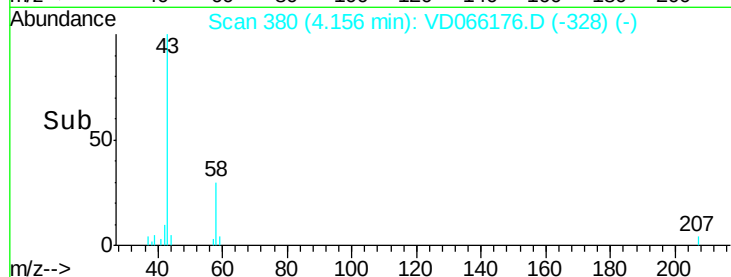
0

4.10

4.16

4.20

Time-->



#25

2-Butanone

Concen: 8.876 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066176.D

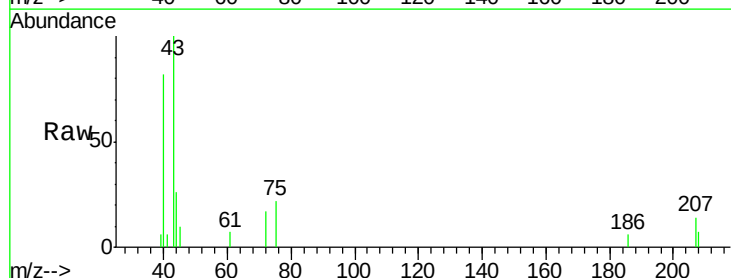
Acq: 10 Aug 2020 21:08

Tgt Ion: 43 Resp: 6880

Ion Ratio Lower Upper

43 100

72 17.1 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

3000

2000

1000

0

7.10

7.15

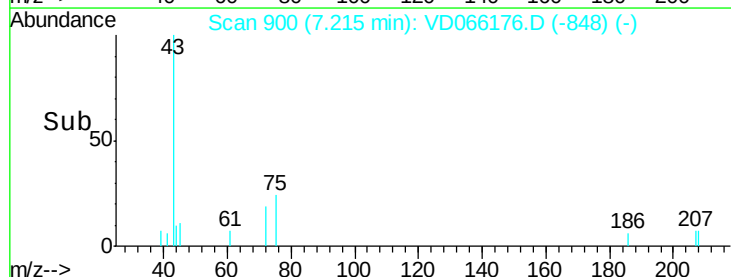
7.20

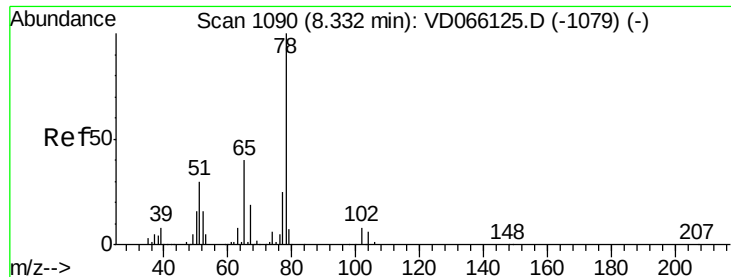
7.21

7.25

7.30

Time-->

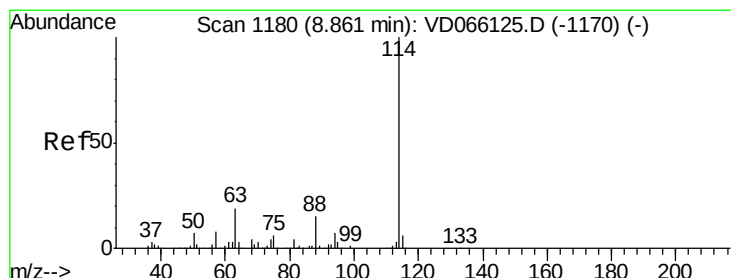
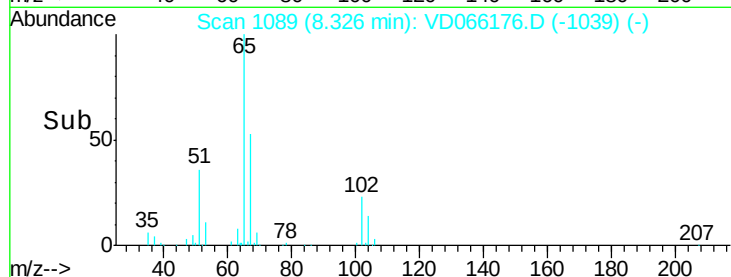
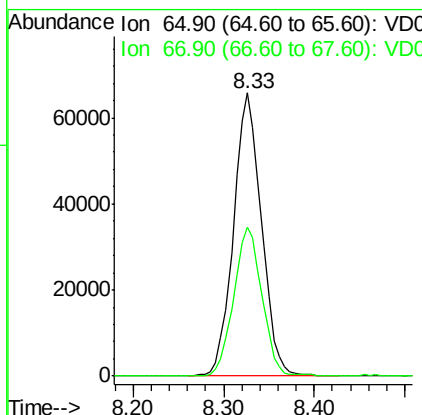
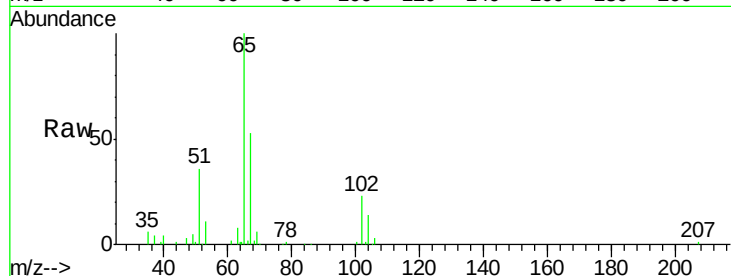




#33
 1,2-Dichloroethane-d4
 Concen: 50.827 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066176.D
 Acq: 10 Aug 2020 21:08

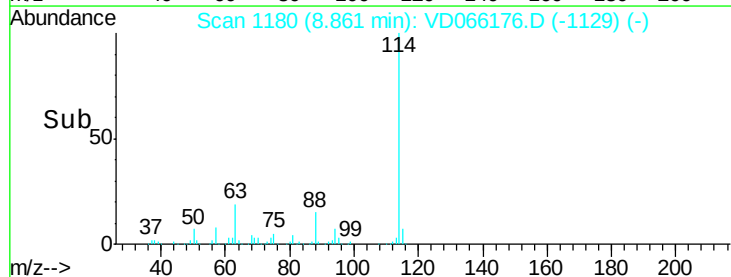
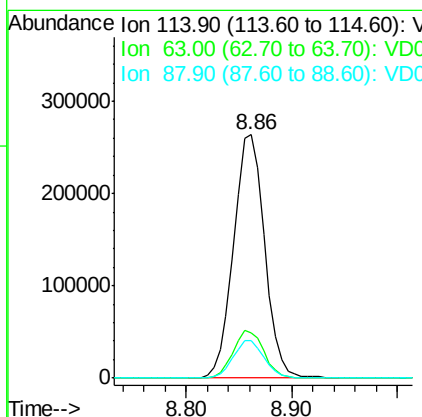
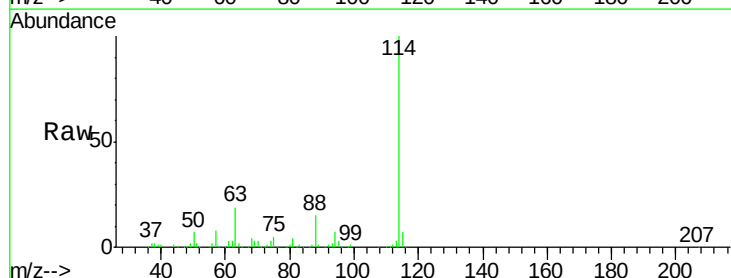
Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-3

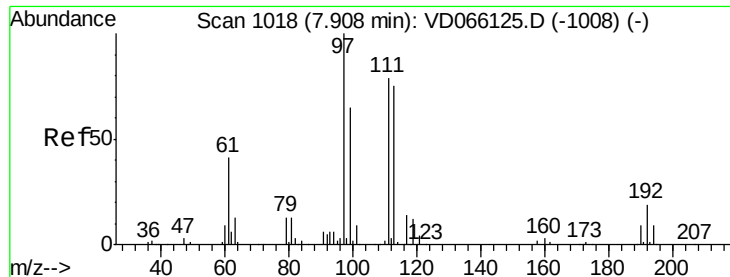
Tot Ion: 65 Resp: 141164
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066176.D
 Acq: 10 Aug 2020 21:08

Tgt Ion: 114 Resp: 537517
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.3 0.0 30.0

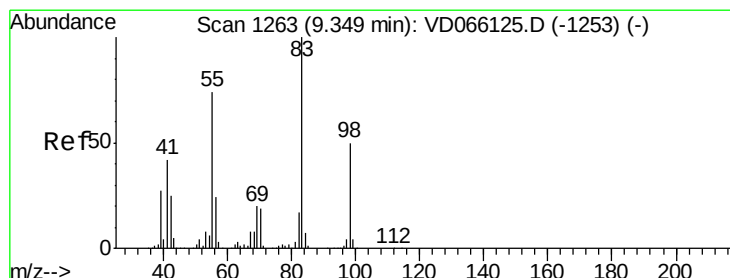
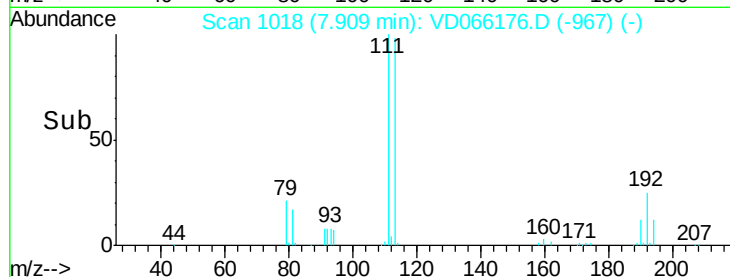
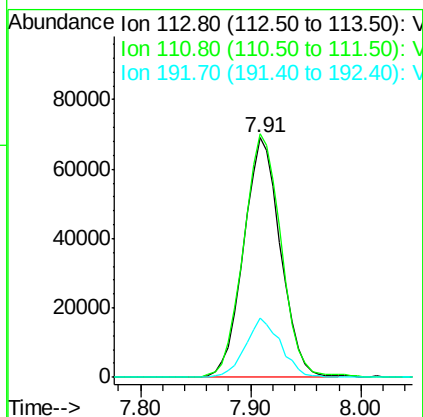
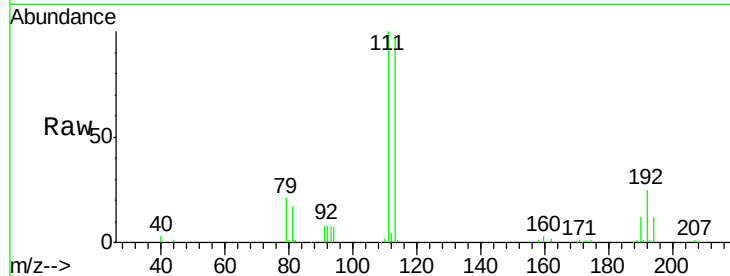




#35
Dibromofluoromethane
Concen: 47.600 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

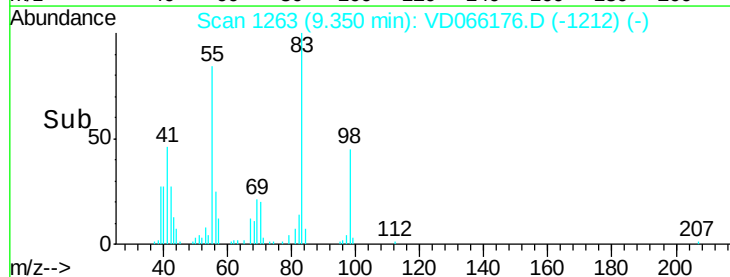
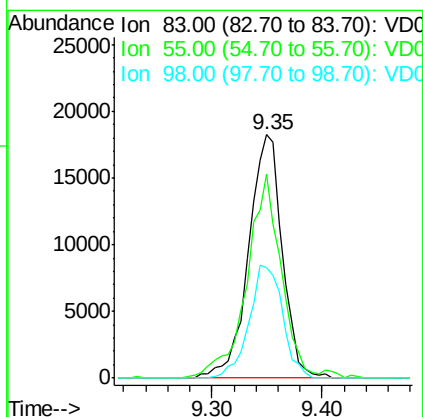
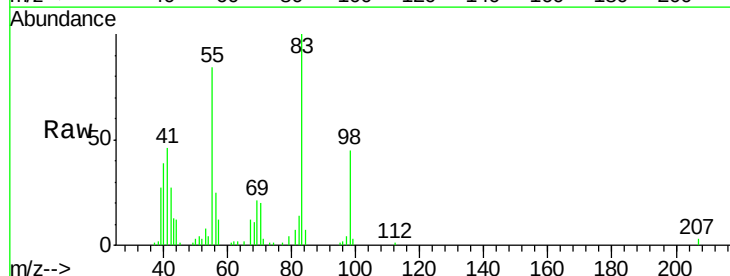
Instrument :
MSVOA_D
ClientSampleId :
CAR-WASH-AREA-3

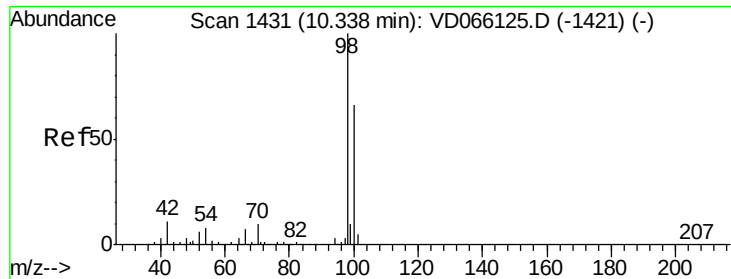
Tot Ion:113 Resp: 162084
Ion Ratio Lower Upper
113 100
111 104.0 80.7 121.1
192 23.5 18.4 27.6



#39
Methylcyclohexane
Concen: 6.398 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

Tgt Ion: 83 Resp: 39063
Ion Ratio Lower Upper
83 100
55 82.9 59.2 88.8
98 45.5 39.8 59.6





#50

Toluene-d8

Concen: 52.914 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066176.D

Acq: 10 Aug 2020 21:08

Instrument :

MSVOA_D

ClientSampleId :

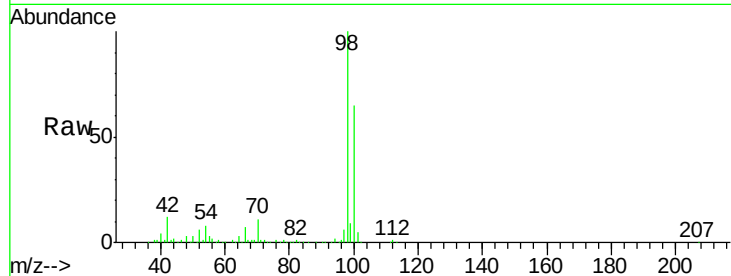
CAR-WASH-AREA-3

Tot Ion: 98 Resp: 664896

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

10.34

400000

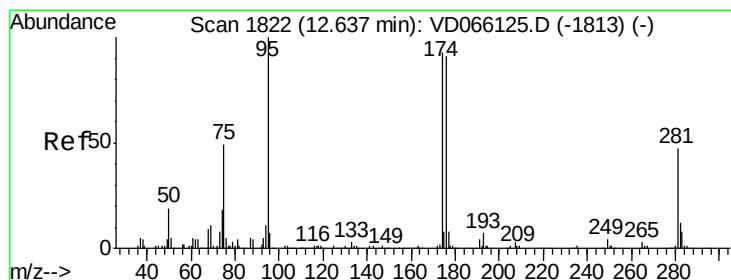
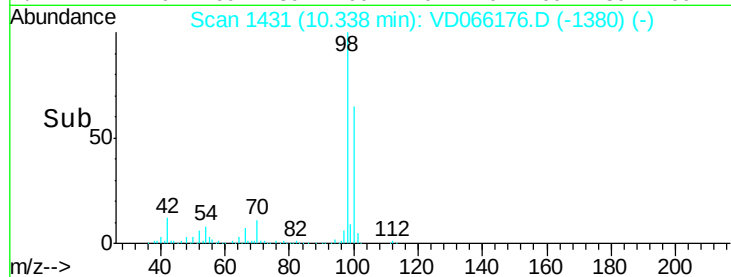
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 63.672 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066176.D

Acq: 10 Aug 2020 21:08

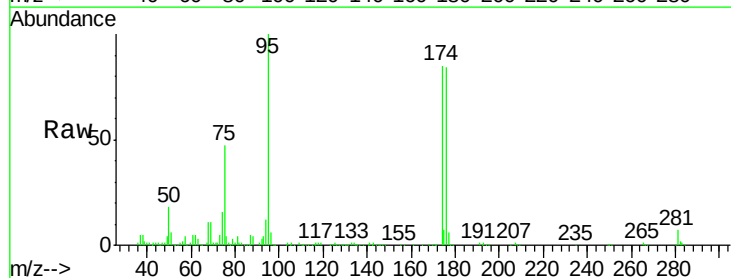
Tgt Ion: 95 Resp: 288399

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.8

176 85.9 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

12.63

200000

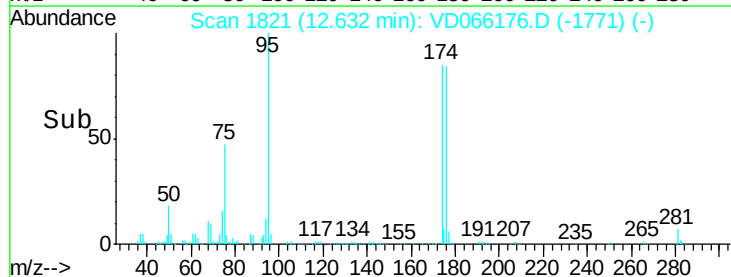
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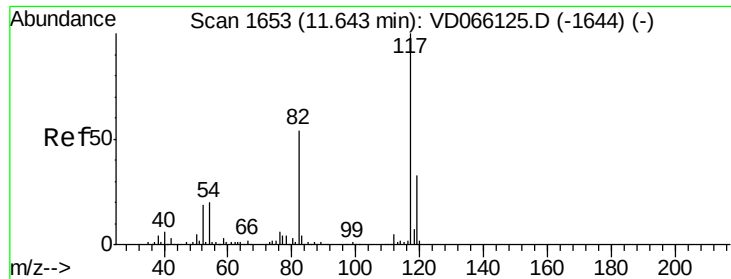
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

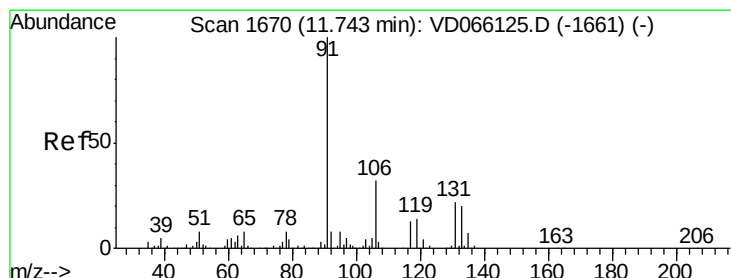
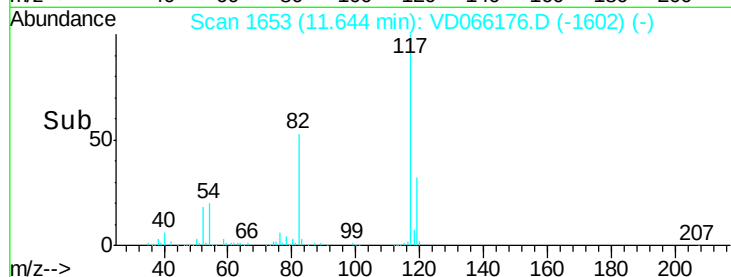
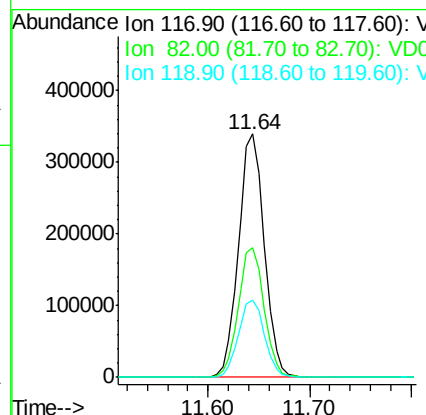
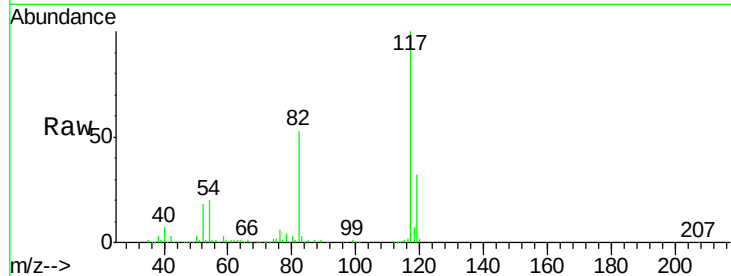




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

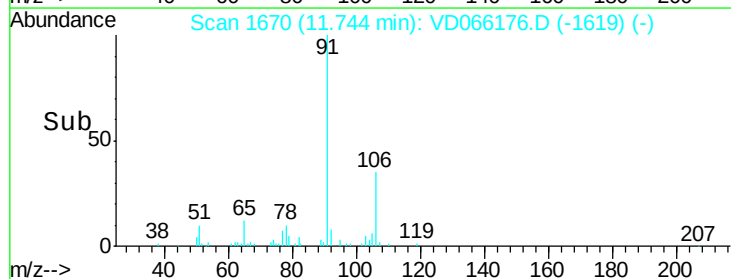
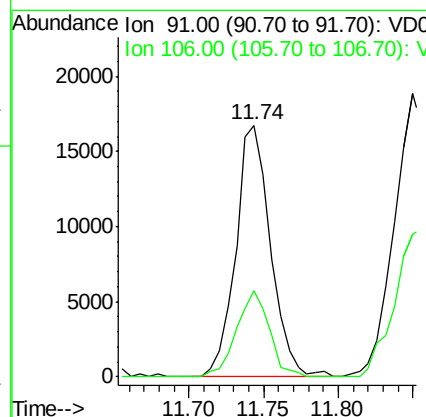
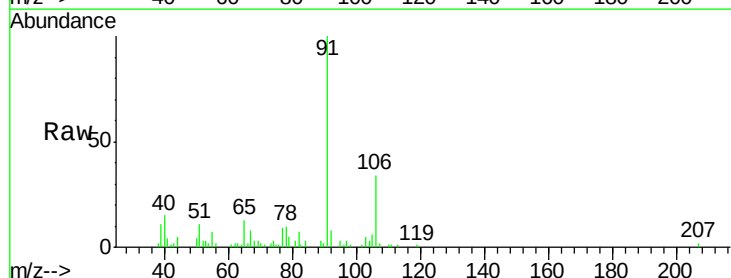
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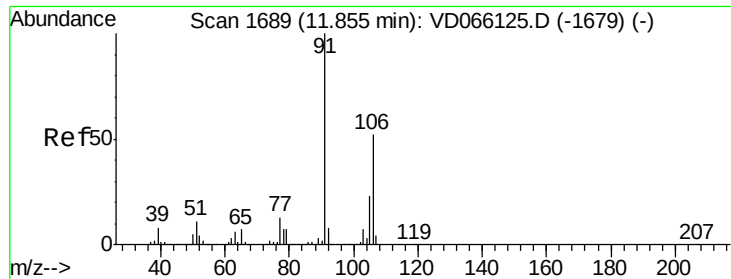
Tot Ion:117 Resp: 599424
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 26.1 39.1



#67
Ethyl Benzene
Concen: 1.289 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

Tgt Ion: 91 Resp: 27178
Ion Ratio Lower Upper
91 100
106 34.3 25.7 38.5

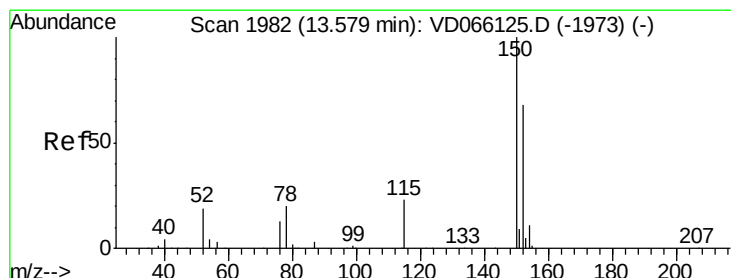
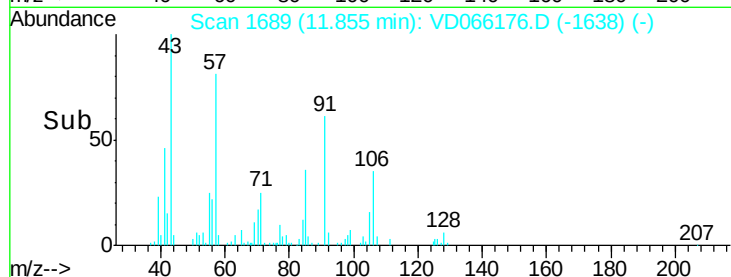
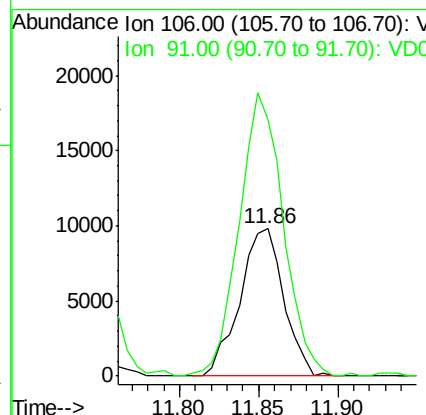
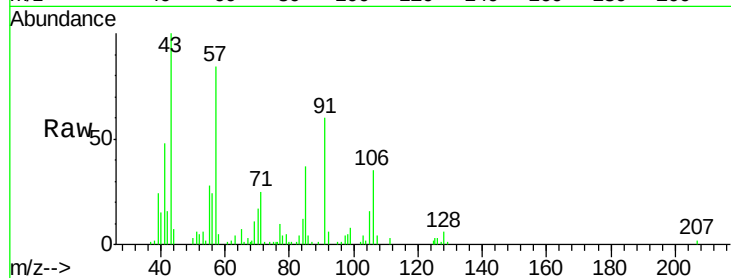




#68
m/p-Xvlenes
Concen: 2.310 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

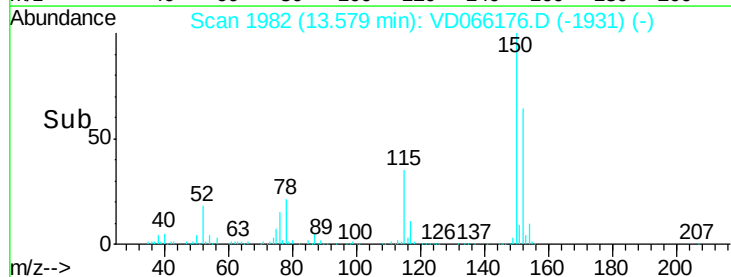
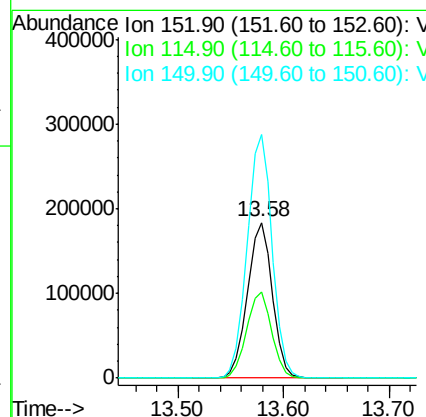
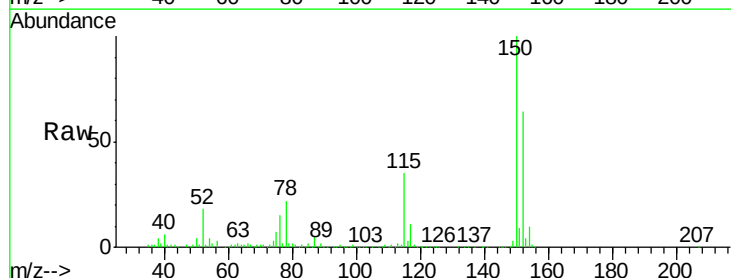
Instrument :
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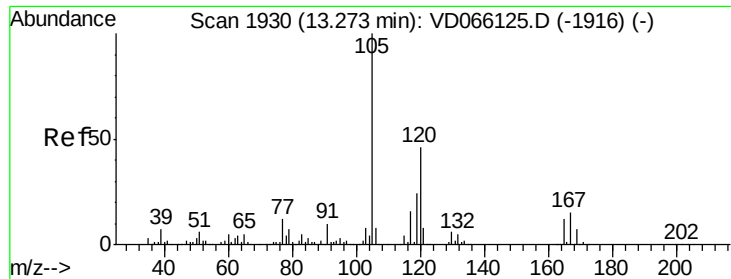
Tot Ion:106 Resp: 18876
Ion Ratio Lower Upper
106 100
91 193.3 156.6 235.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066176.D
Acq: 10 Aug 2020 21:08

Tgt Ion:152 Resp: 300102
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 156.5 0.0 346.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.589 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066176.D
 Acq: 10 Aug 2020 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-3

Tot Ion:105 Resp: 43411
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.1 69.2

