

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066185.D
 Acq On : 11 Aug 2020 14:36
 Operator : VA/SY
 Sample : L3637-07
 Misc : 7.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 11 15:35:13 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

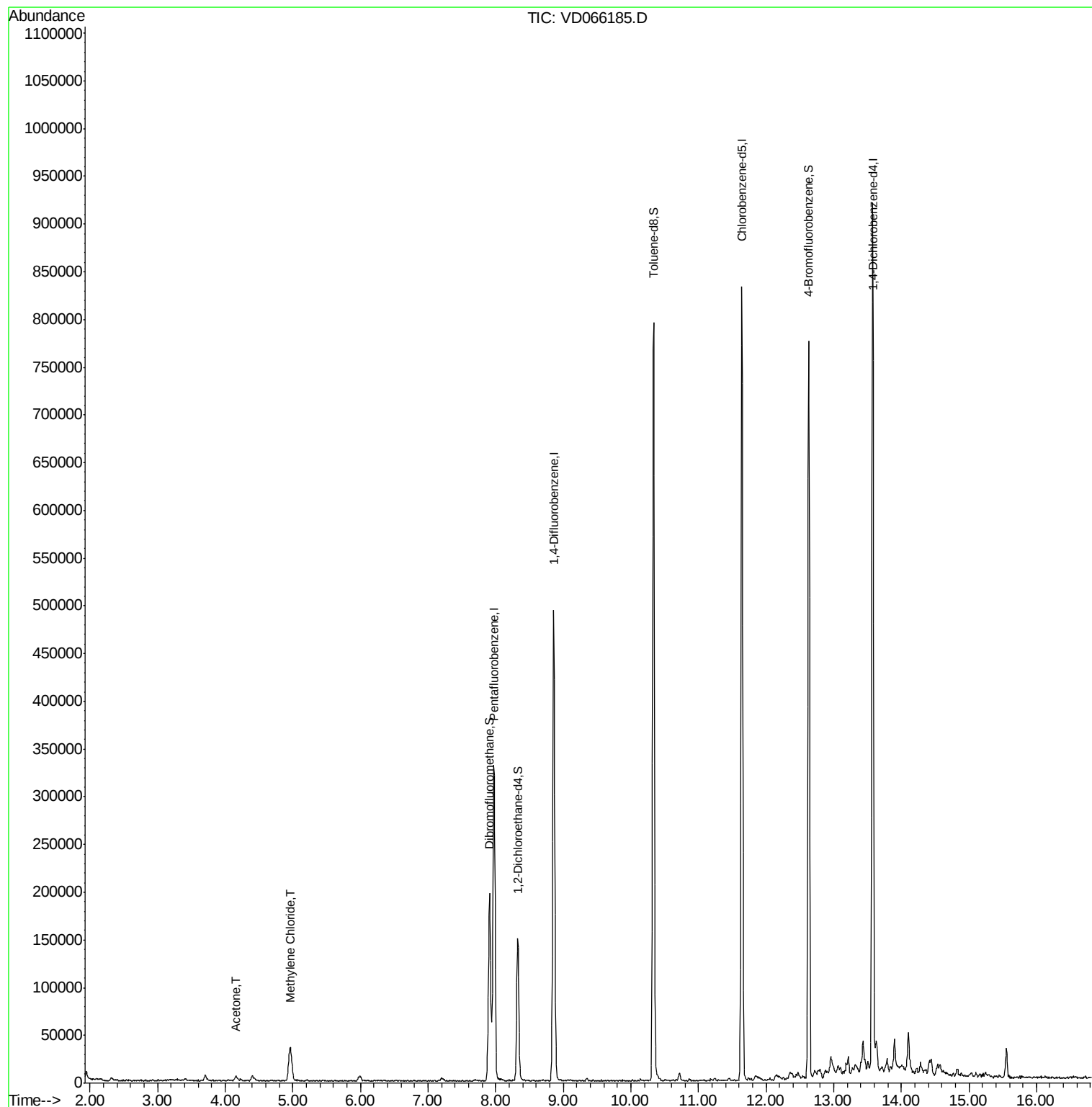
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	266355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	443190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	504939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117131	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	7.91	113	138115	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	10.34	98	548889	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.63	95	238782	63.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.88%	
Target Compounds						
16) Acetone	4.16	43	8702	19.300	ug/l	98
20) Methylene Chloride	4.97	84	28527	7.006	ug/l	91

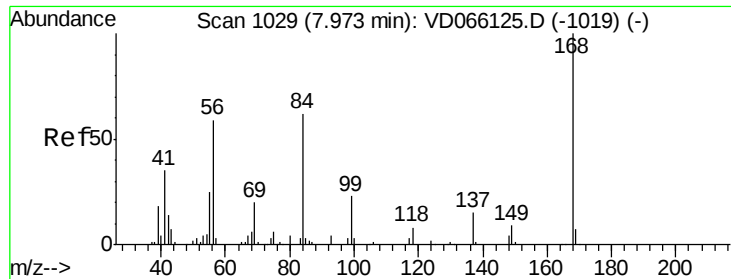
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066185.D

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Instrument :

MSVOA_D

ClientSampleId :

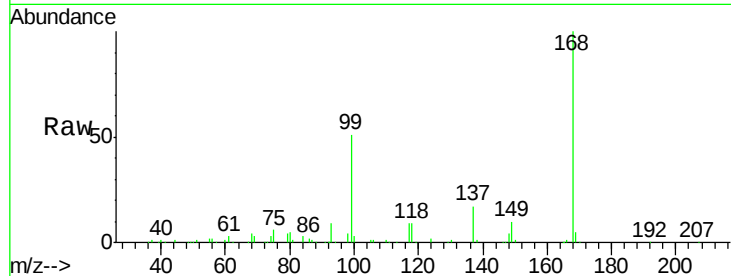
CAR-WASH-AREA-1

Tot Ion:168 Resp: 266355

Ion Ratio Lower Upper

168 100

99 50.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

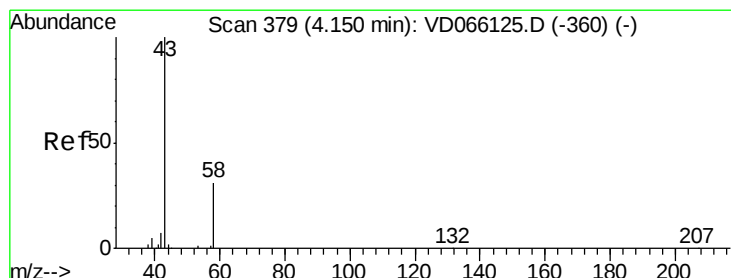
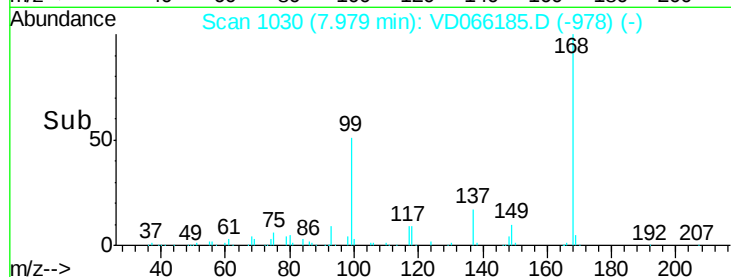
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 19.300 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066185.D

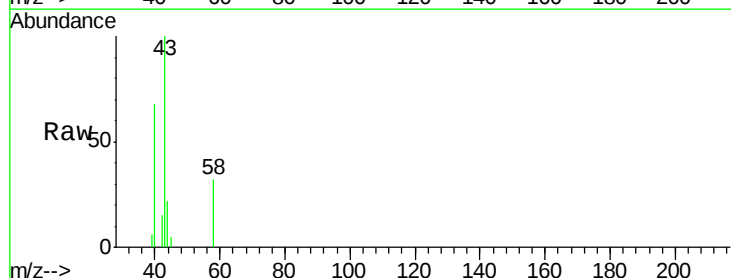
Acq: 11 Aug 2020 14:36

Tgt Ion: 43 Resp: 8702

Ion Ratio Lower Upper

43 100

58 32.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

3000

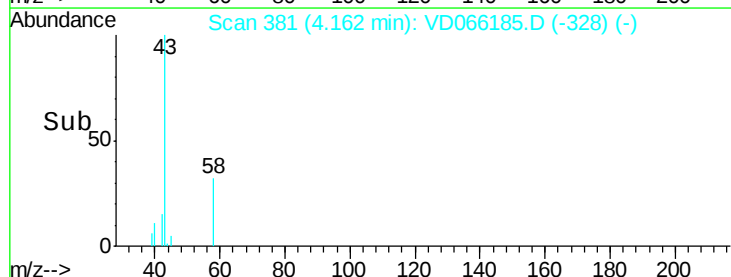
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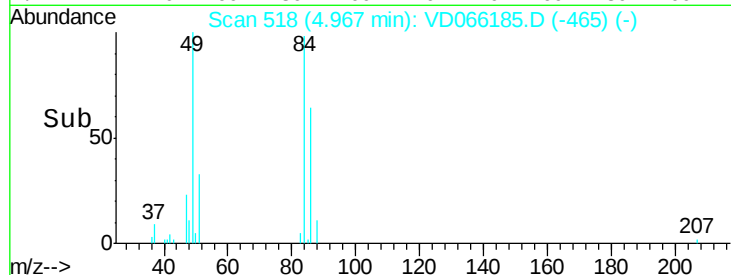
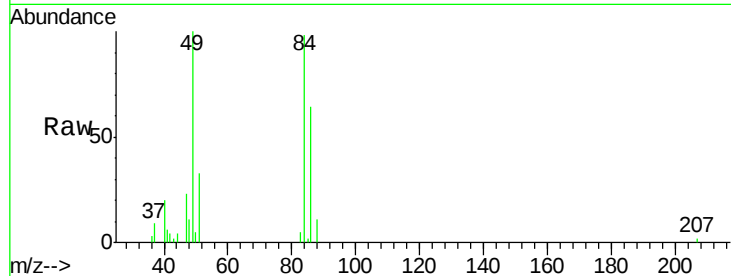
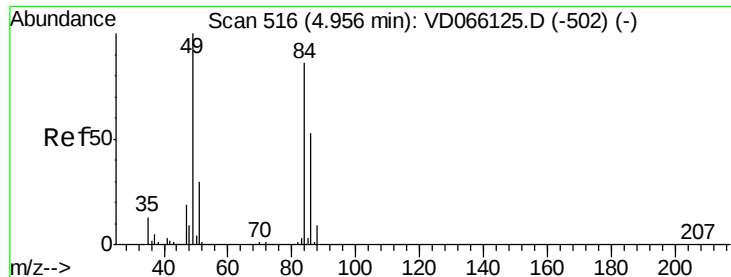
1000

0

Time-->

4.10 4.20

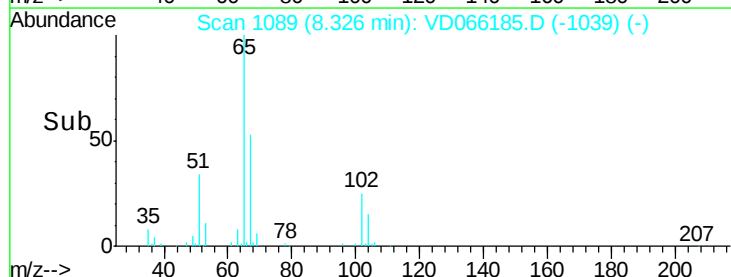
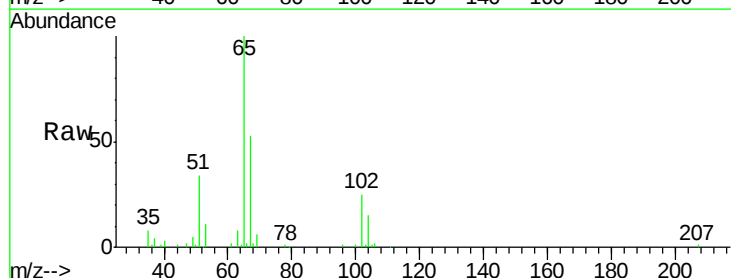
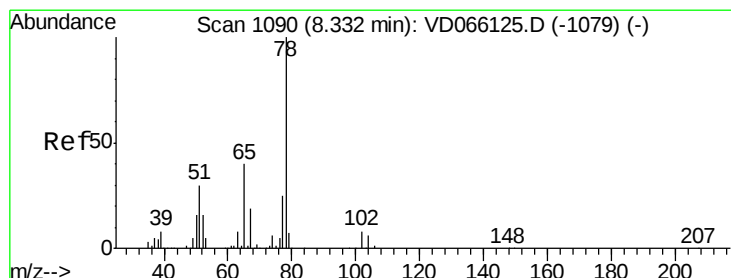
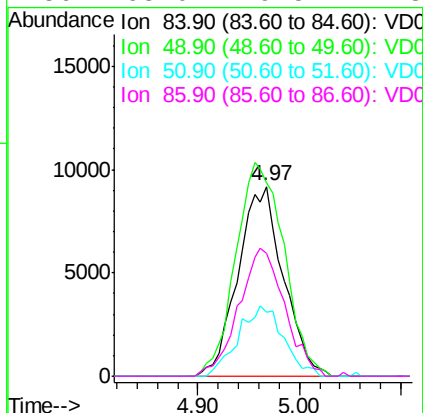




#20
Methvlene Chloride
Concen: 7.006 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066185.D
Acq: 11 Aug 2020 14:36

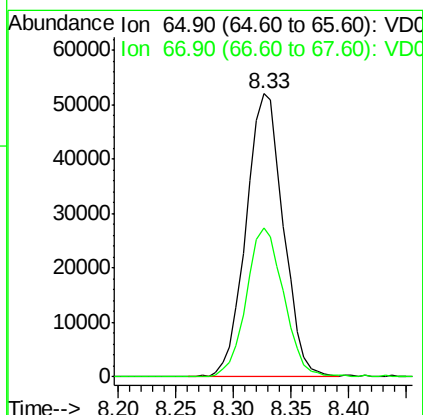
Instrument :
MSVOA_D
ClientSampleId :
CAR-WASH-AREA-1

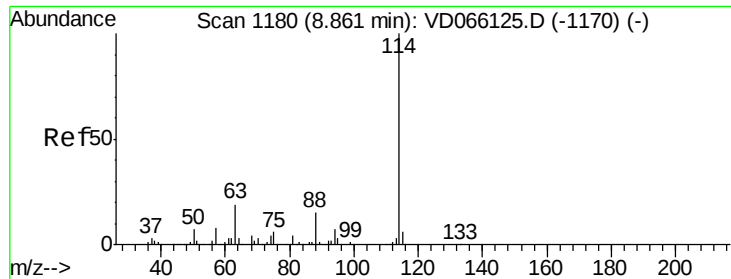
Tot Ion: 84 Resp: 28527
Ion Ratio Lower Upper
84 100
49 101.9 93.5 140.3
51 34.1 28.2 42.4
86 65.0 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 49.292 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066185.D
Acq: 11 Aug 2020 14:36

Tgt Ion: 65 Resp: 117131
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.6

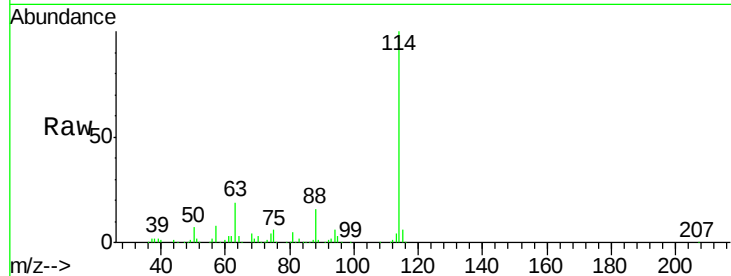




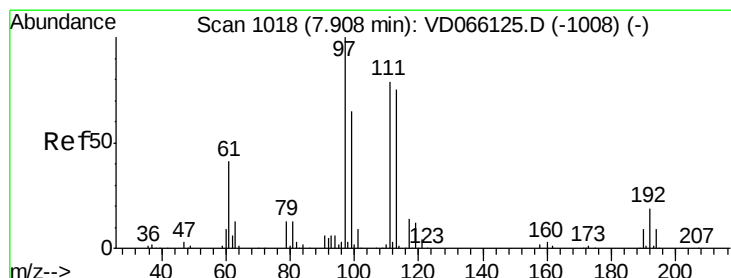
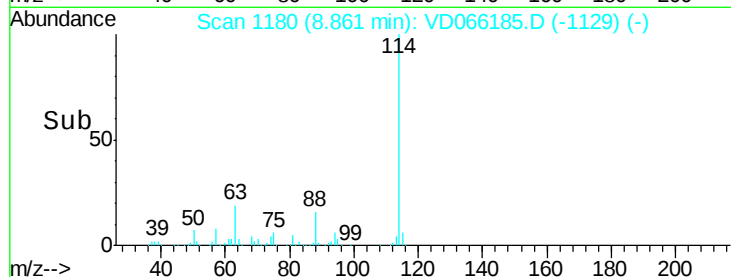
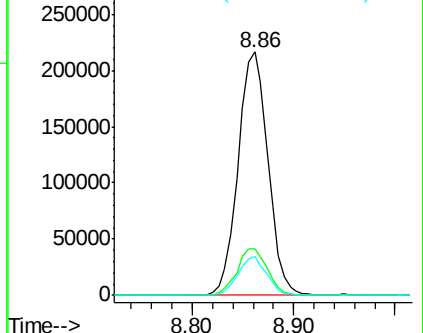
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066185.D
 Acq: 11 Aug 2020 14:36

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	16.2	0.0	30.0

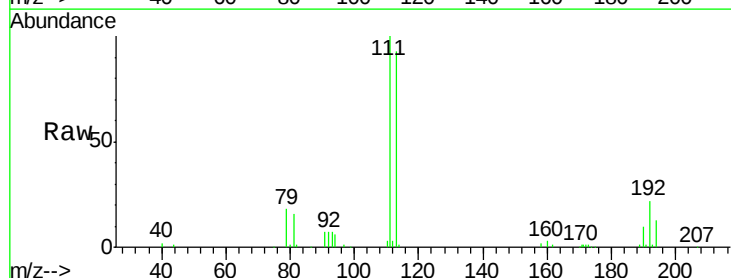


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

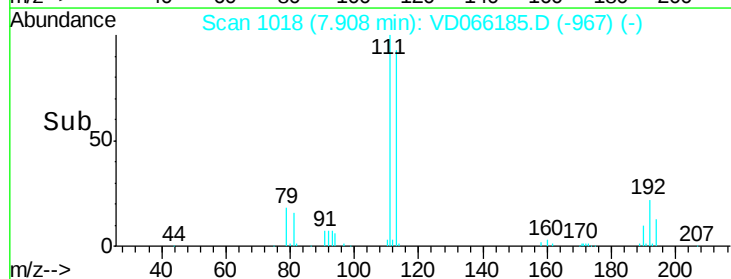
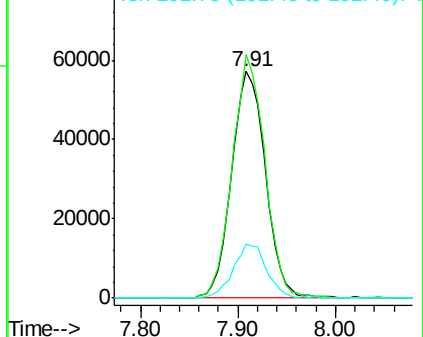


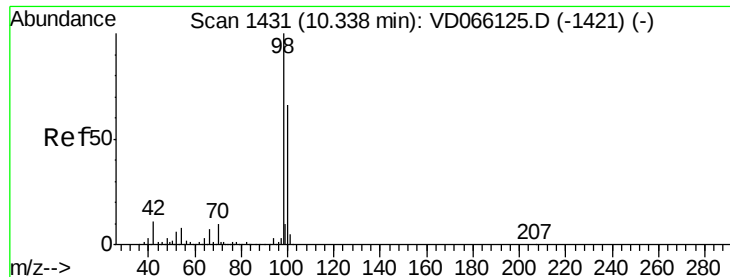
#35
 Dibromofluoromethane
 Concen: 49.194 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066185.D
 Acq: 11 Aug 2020 14:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	23.4	18.4	27.6



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





#50

Toluene-d8

Concen: 52.979 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066185.D

Acq: 11 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

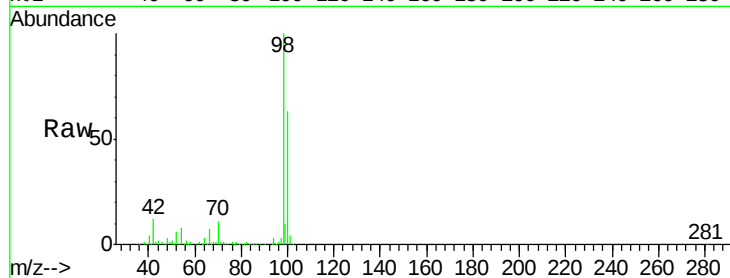
CAR-WASH-AREA-1

Tot Ion: 98 Resp: 548889

Ion Ratio Lower Upper

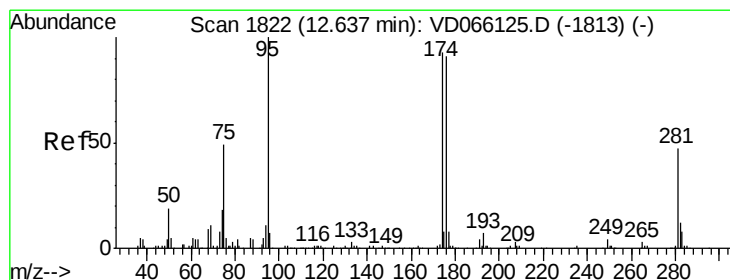
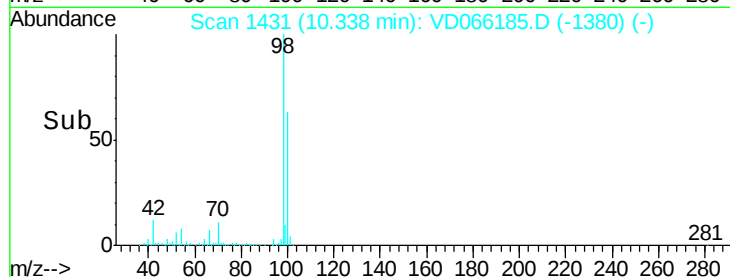
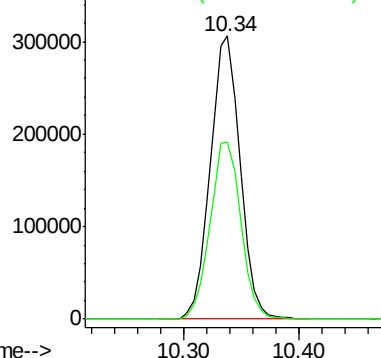
98 100

100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 63.938 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066185.D

Acq: 11 Aug 2020 14:36

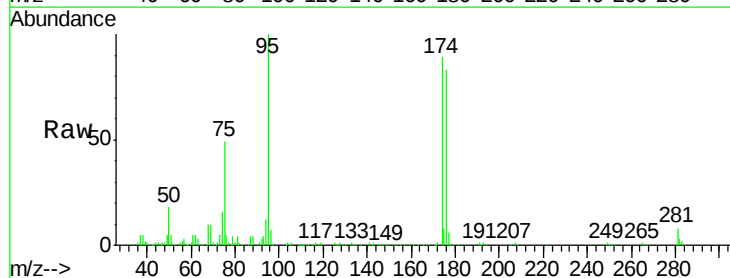
Tgt Ion: 95 Resp: 238782

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

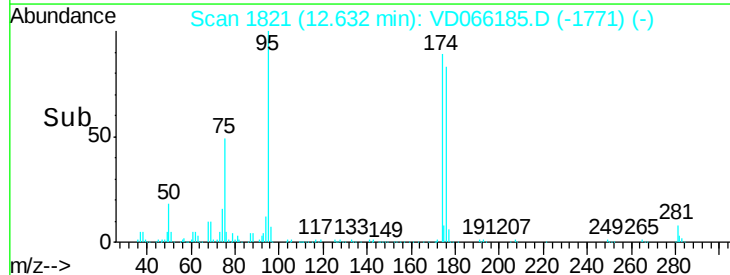
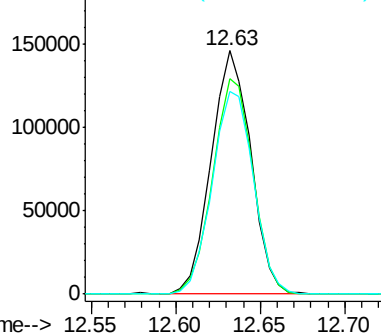
176 86.7 0.0 181.2

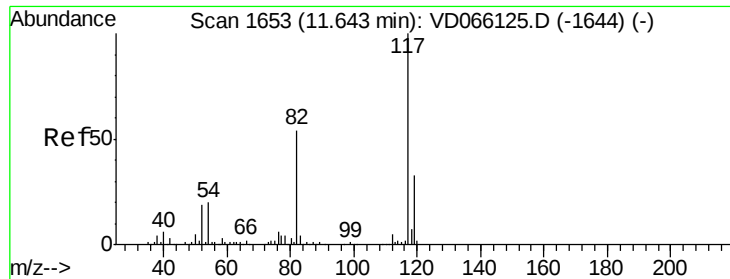


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

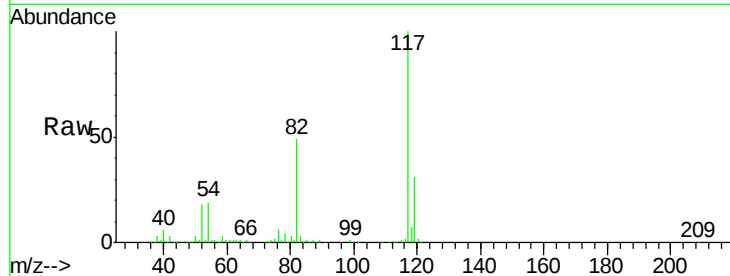




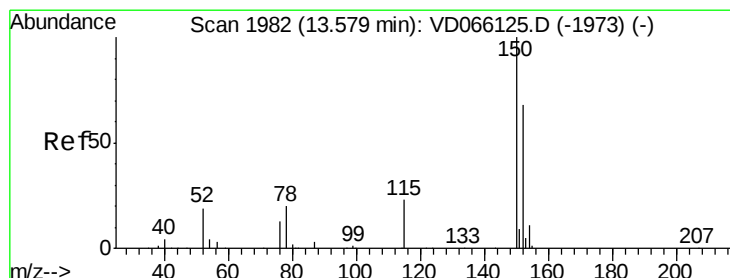
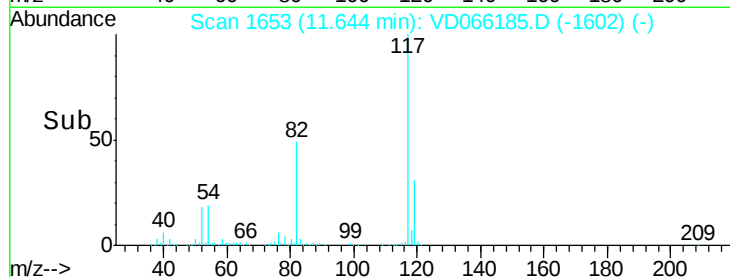
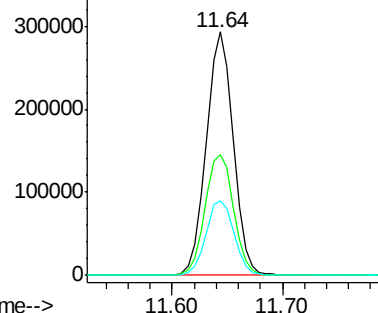
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066185.D
Acq: 11 Aug 2020 14:36

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

Tot Ion:117 Resp: 504939
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 30.9 26.1 39.1

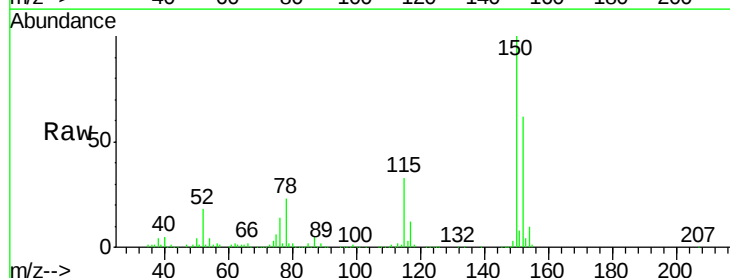


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066185.D
Acq: 11 Aug 2020 14:36

Tgt Ion:152 Resp: 250864
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 157.9 0.0 346.4



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

