

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066186.D
 Acq On : 11 Aug 2020 15:03
 Operator : VA/SY
 Sample : L3637-13
 Misc : 6.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-2

Quant Time: Aug 11 15:36:54 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	264544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	438362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	505359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	117416	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.91	113	135383	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.34	98	550216	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.63	95	243898	66.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.06%	

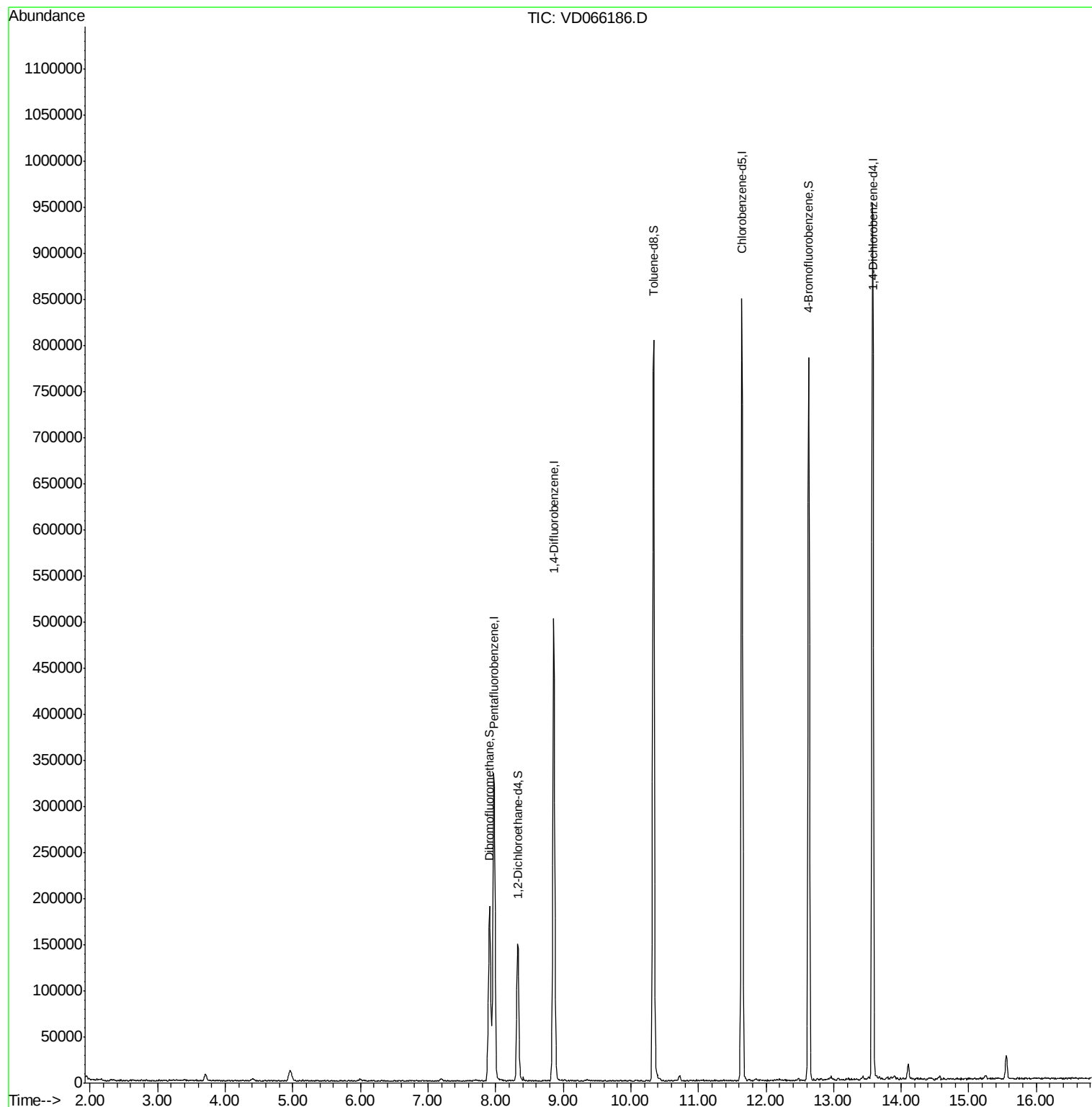
Target Compounds	Qvalue
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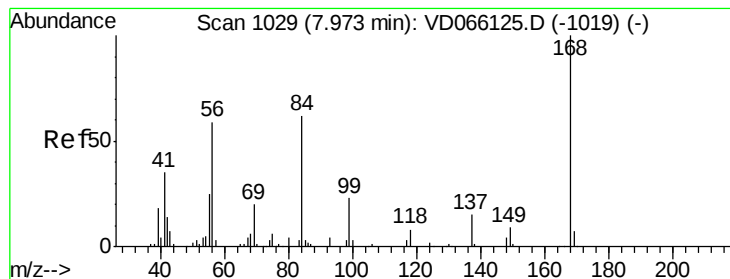
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066186.D

Acq: 11 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

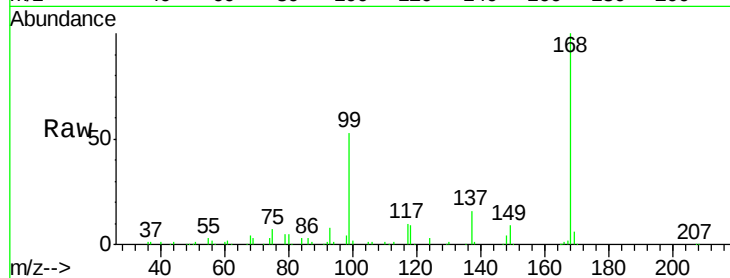
CAR-WASH-AREA-2

Tot Ion:168 Resp: 264544

Ion Ratio Lower Upper

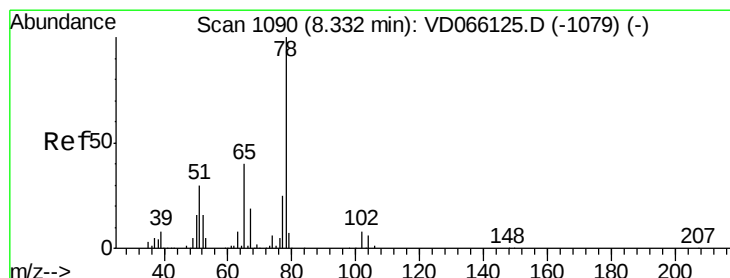
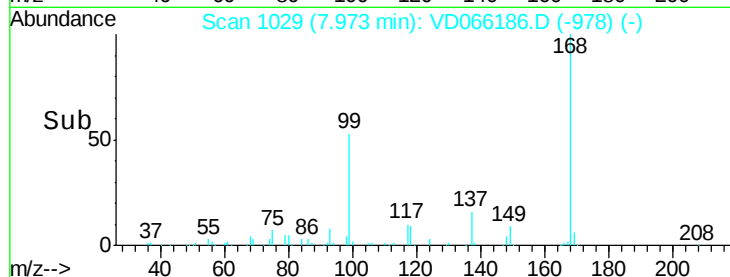
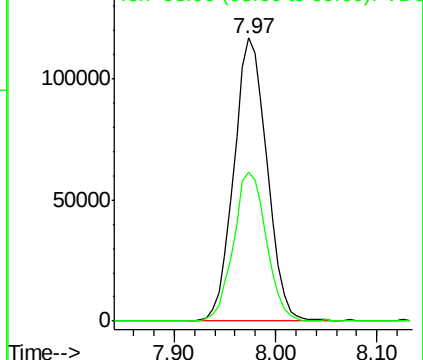
168 100

99 52.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.750 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066186.D

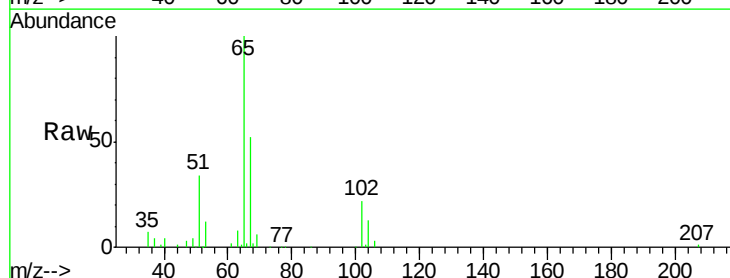
Acq: 11 Aug 2020 15:03

Tgt Ion: 65 Resp: 117416

Ion Ratio Lower Upper

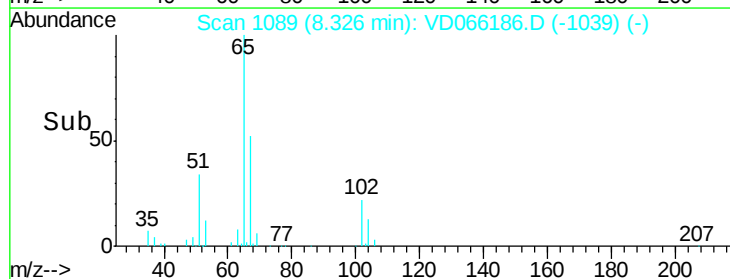
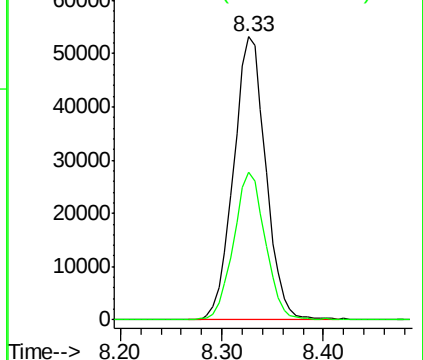
65 100

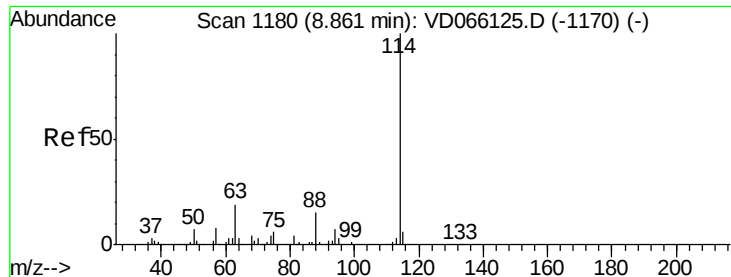
67 51.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

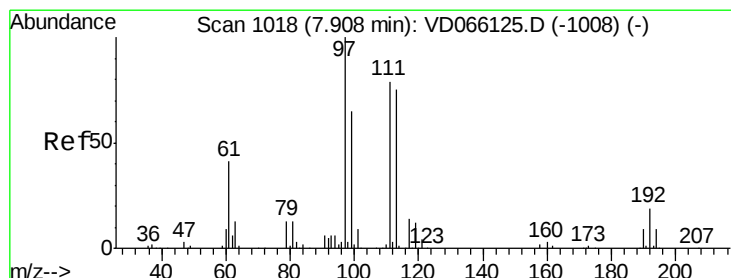
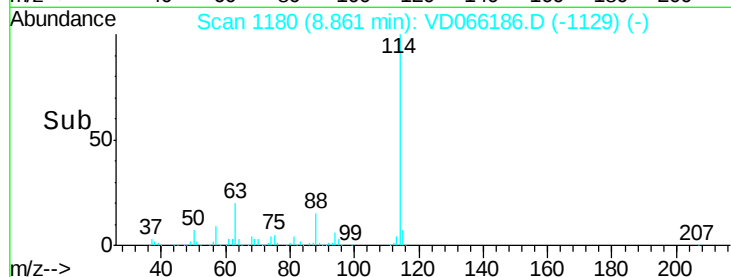
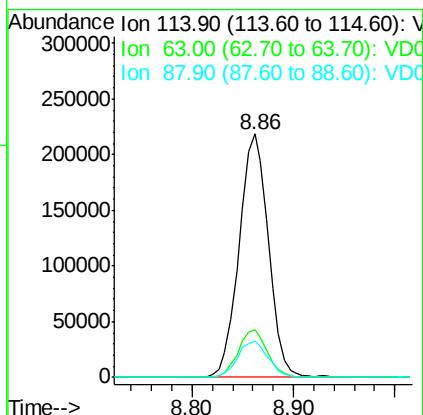
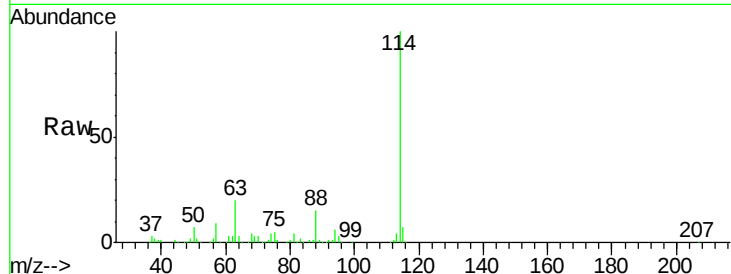




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066186.D
 Acq: 11 Aug 2020 15:03

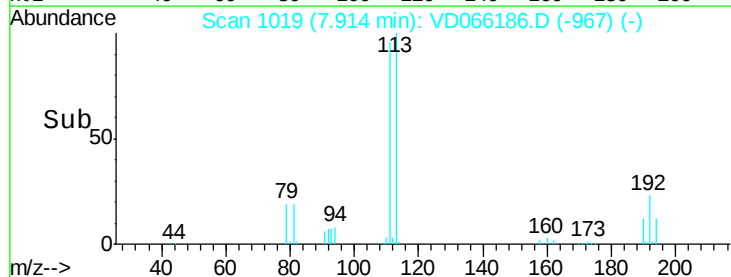
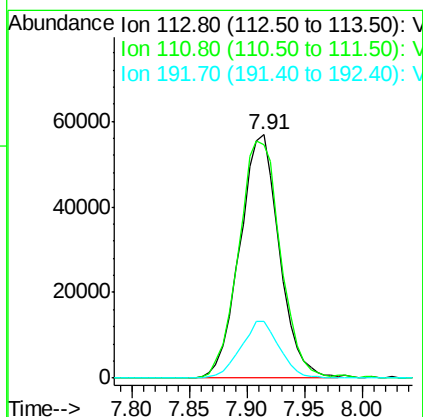
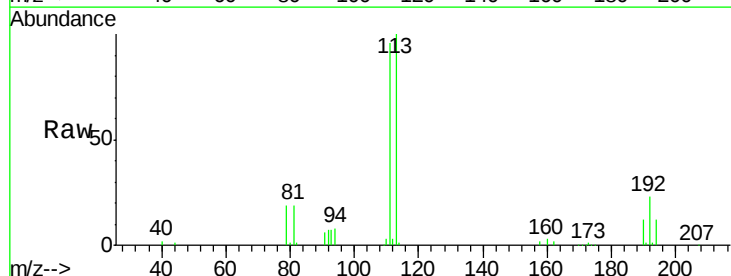
Instrument :
 MSVOA_D
 ClientSampleId :
 CAR-WASH-AREA-2

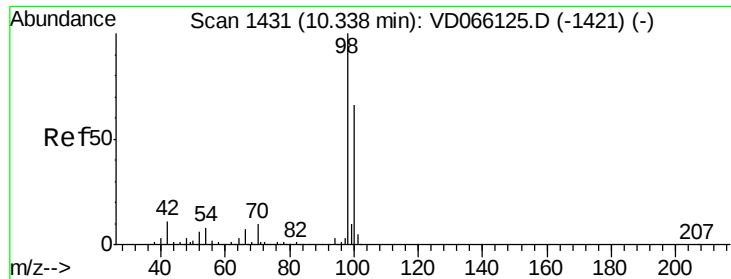
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.752 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066186.D
 Acq: 11 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	22.9	18.4	27.6

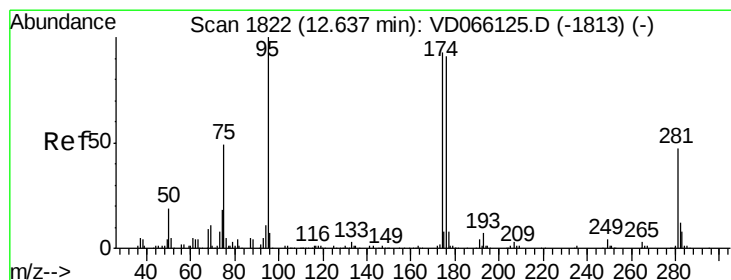
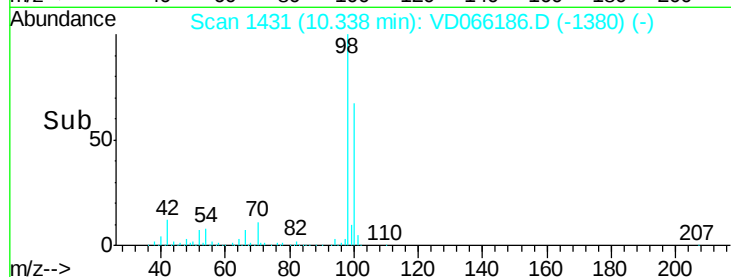
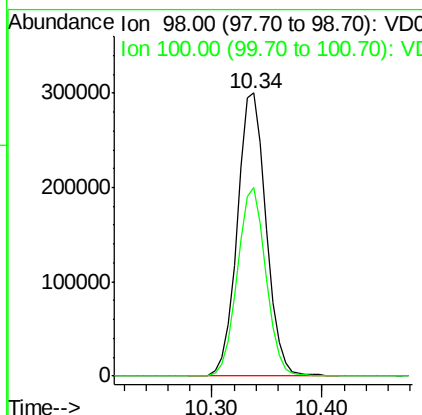
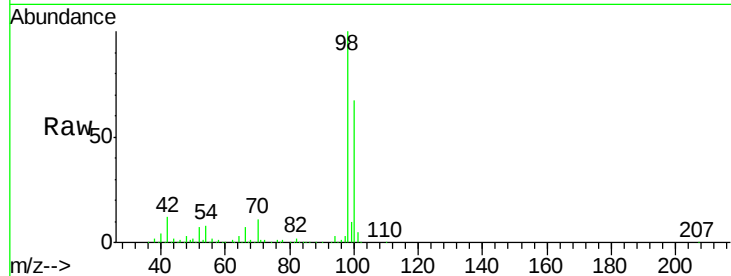




#50
Toluene-d8
Concen: 53.692 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066186.D
Acq: 11 Aug 2020 15:03

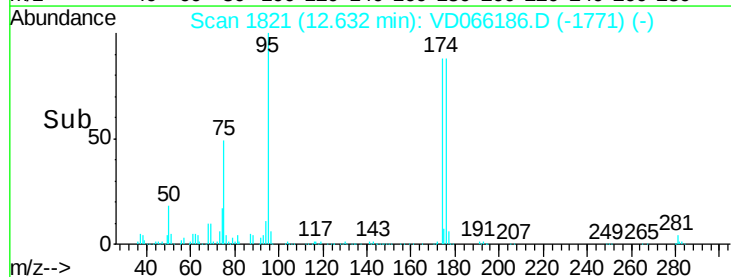
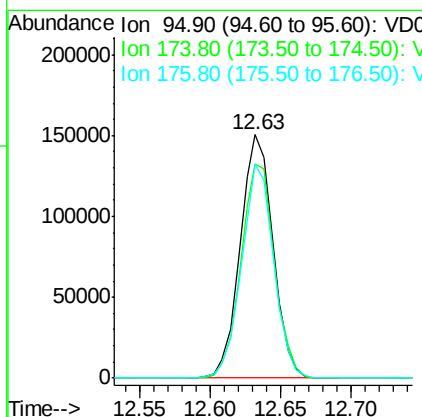
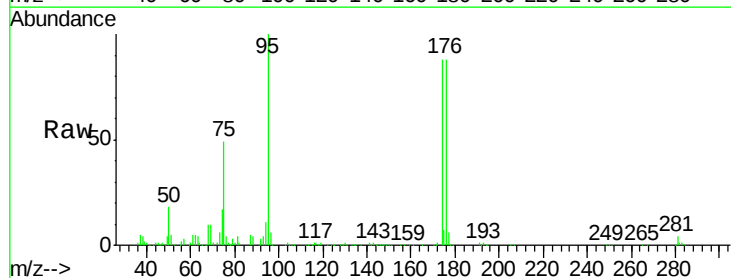
Instrument :
MSVOA_D
ClientSampleId :
CAR-WASH-AREA-2

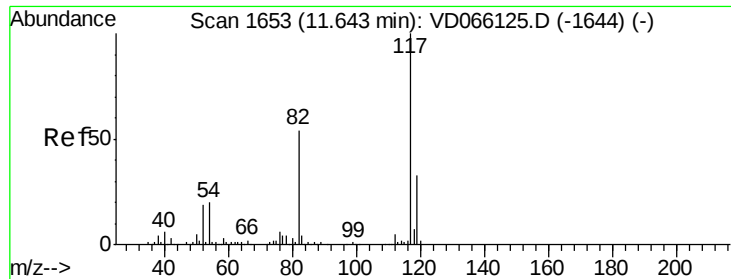
Tot Ion: 98 Resp: 550216
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 66.027 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066186.D
Acq: 11 Aug 2020 15:03

Tgt Ion: 95 Resp: 243898
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.8
176 86.4 0.0 181.2

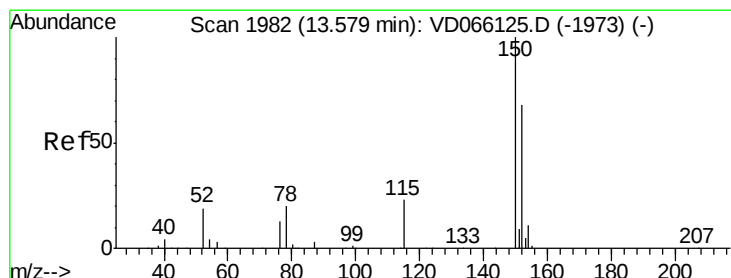
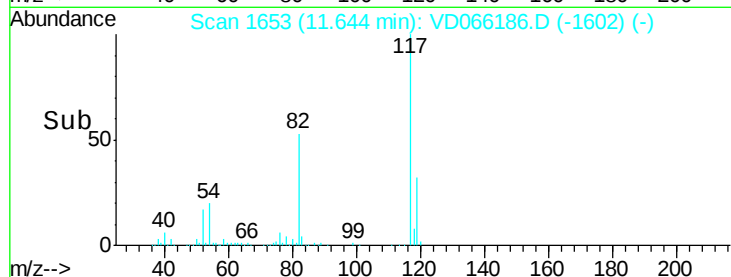
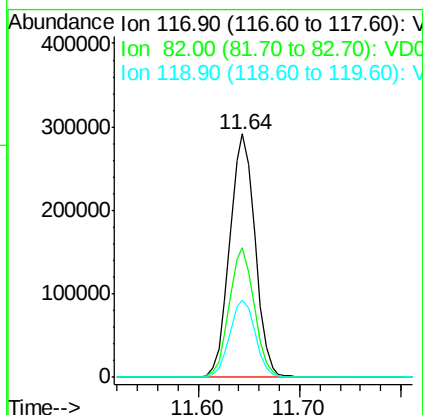
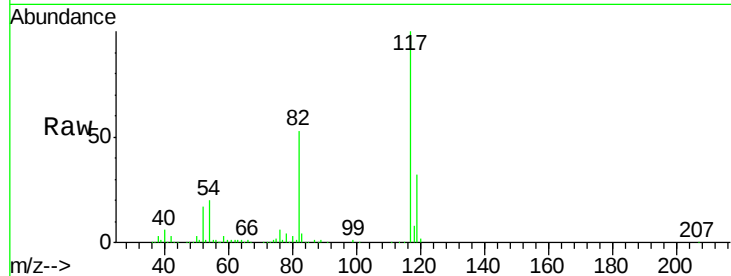




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066186.D
Acq: 11 Aug 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
CAR-WASH-AREA-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.0	64.4
119	31.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066186.D
Acq: 11 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.0	83.9
150	156.4	0.0	346.4

