

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066506.D
 Acq On : 01 Sep 2020 19:52
 Operator : VA/SY
 Sample : L3849-01
 Misc : 5.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16090

Quant Time: Sep 02 02:01:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	187124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	258518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129250	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	102209	55.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.42%	
35) Dibromofluoromethane	7.91	113	85212	49.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.00%	
50) Toluene-d8	10.34	98	324053	51.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.63	95	117417	52.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.06%	

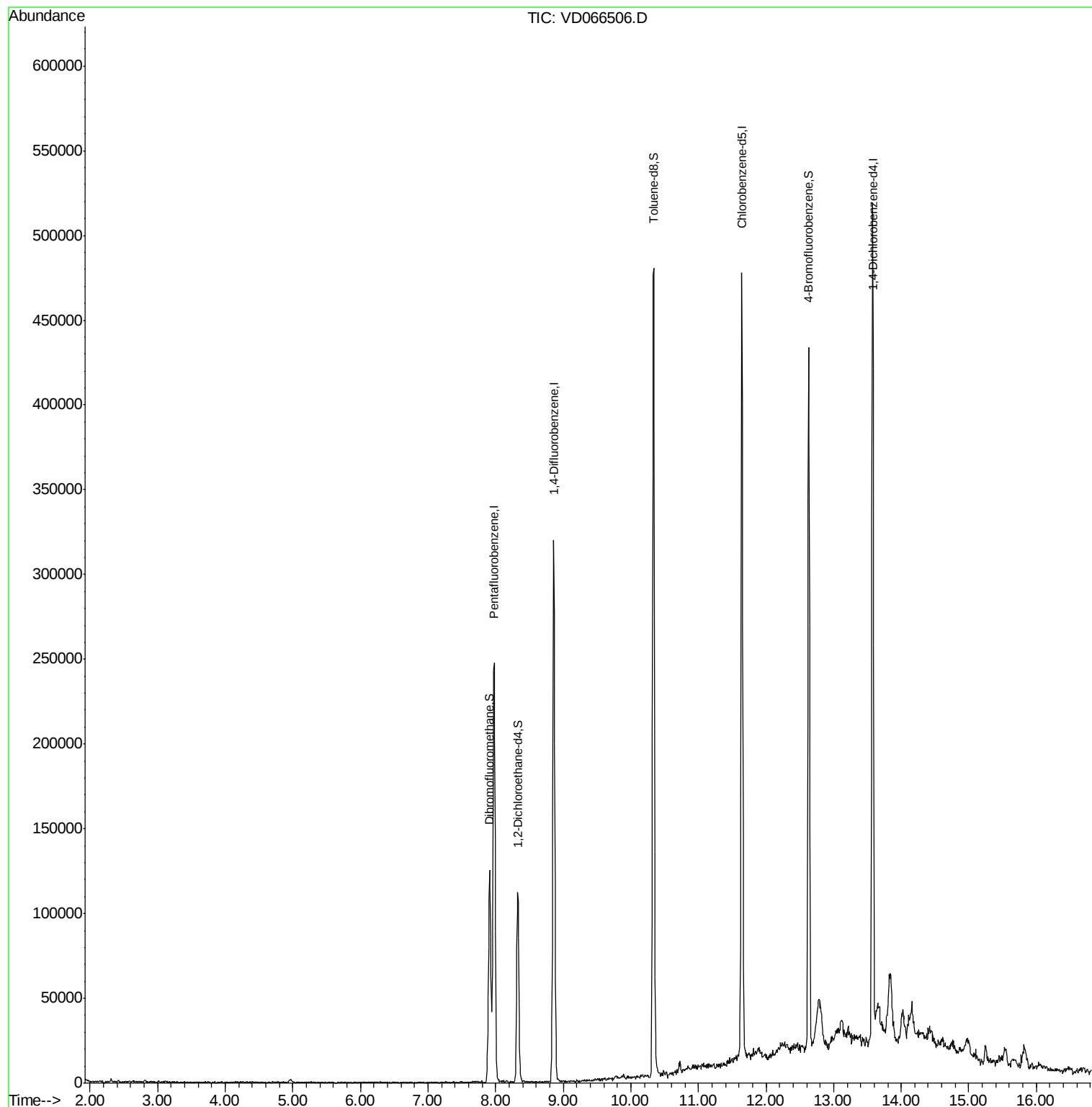
Target Compounds	Qvalue

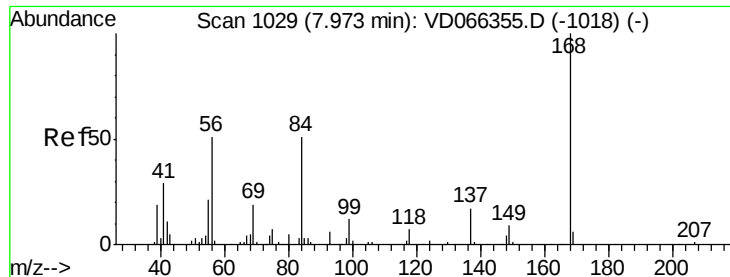
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066506.D

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Instrument :

MSVOA_D

ClientSampleId :

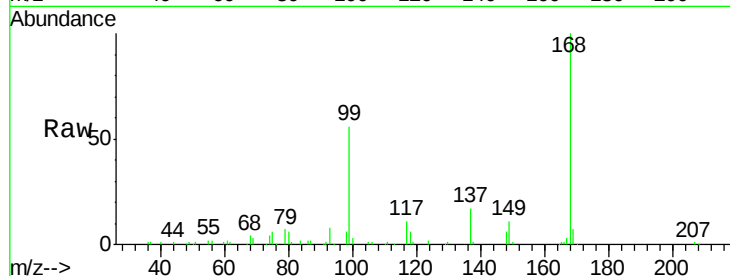
16090

Tot Ion:168 Resp: 187124

Ion Ratio Lower Upper

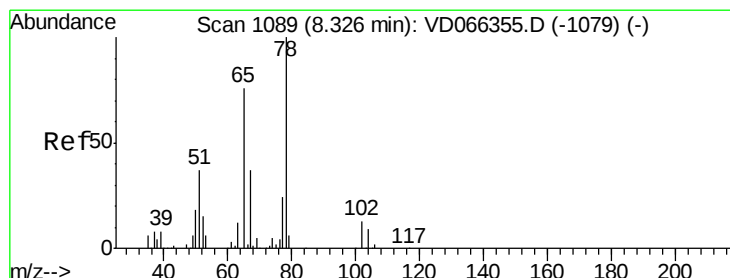
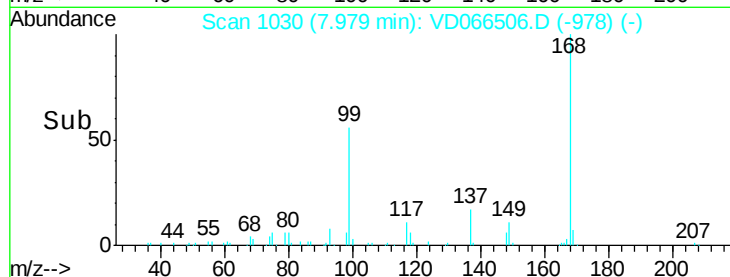
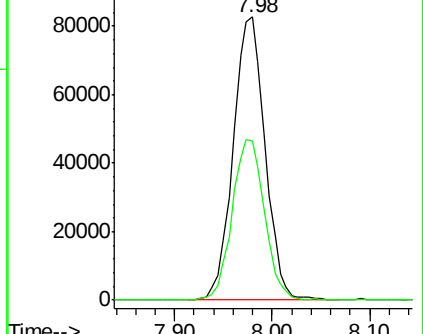
168 100

99 56.4 45.4 68.0



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: 55.713 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066506.D

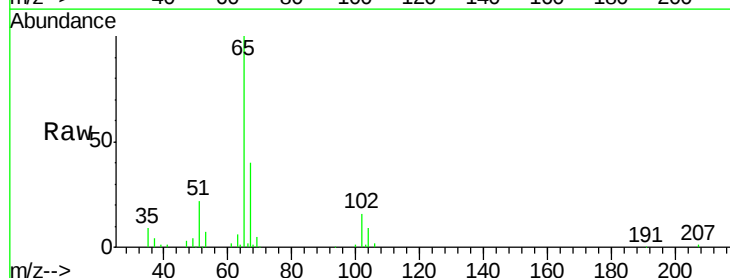
Acq: 01 Sep 2020 19:52

Tgt Ion: 65 Resp: 102209

Ion Ratio Lower Upper

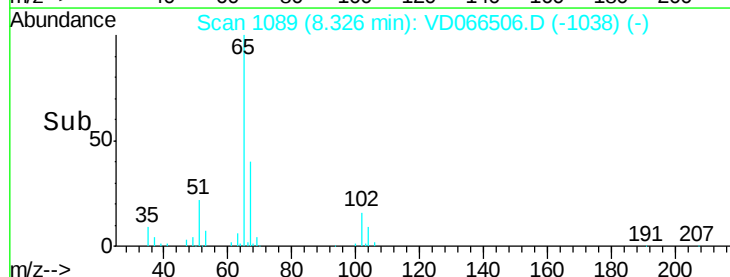
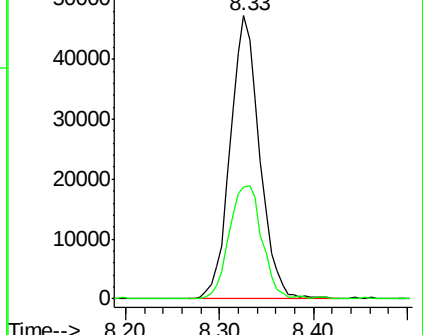
65 100

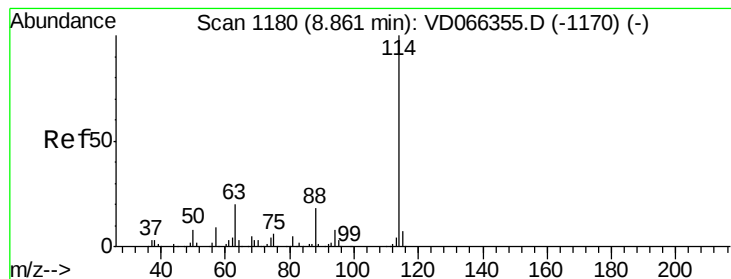
67 44.8 0.0 101.6



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: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

16090

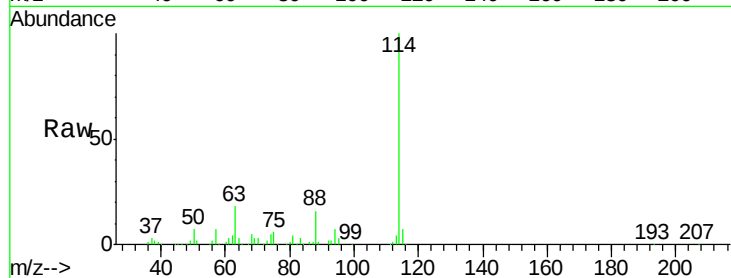
Tot Ion:114 Resp: 275316

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.8

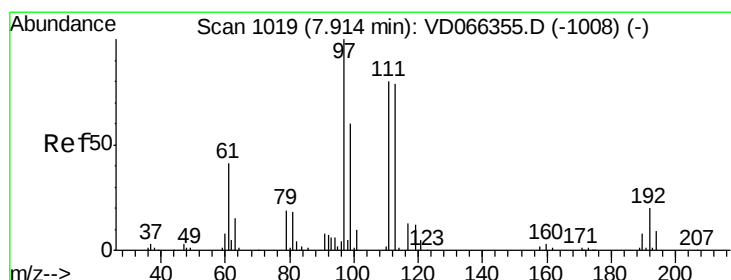
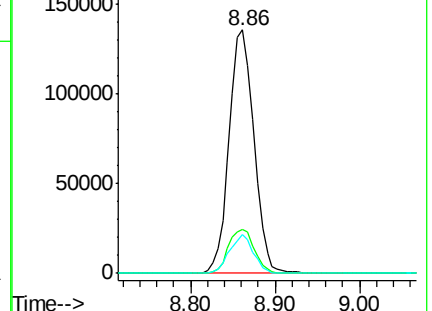
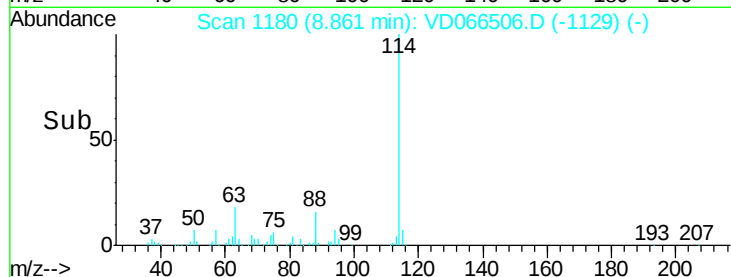
88 15.8 0.0 35.4



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: 49.496 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

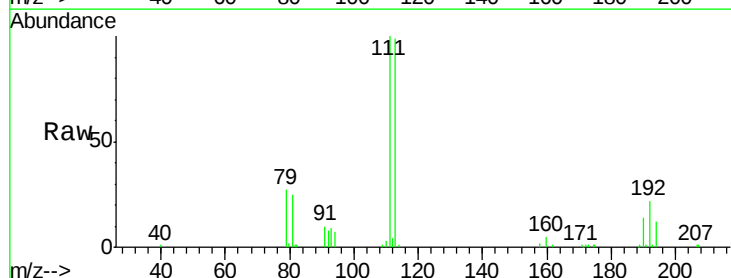
Tgt Ion:113 Resp: 85212

Ion Ratio Lower Upper

113 100

111 98.8 80.3 120.5

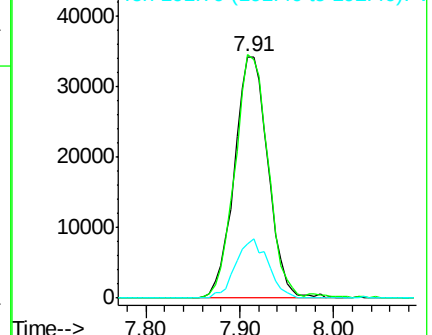
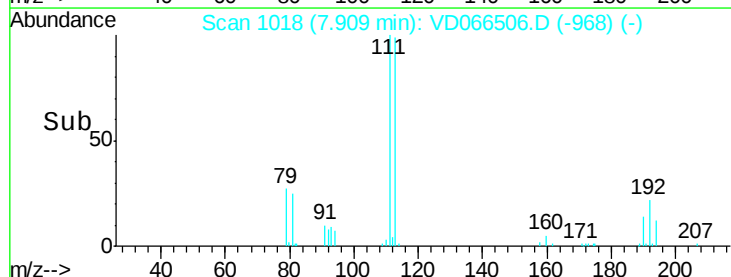
192 23.5 19.0 28.6

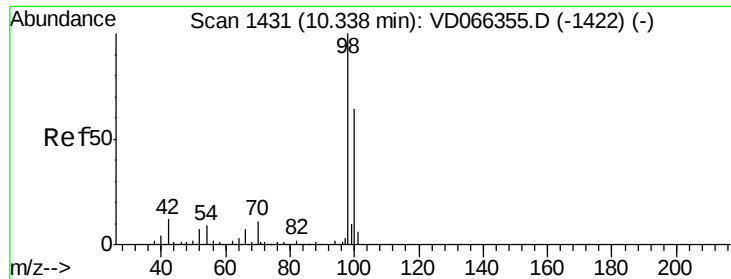


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

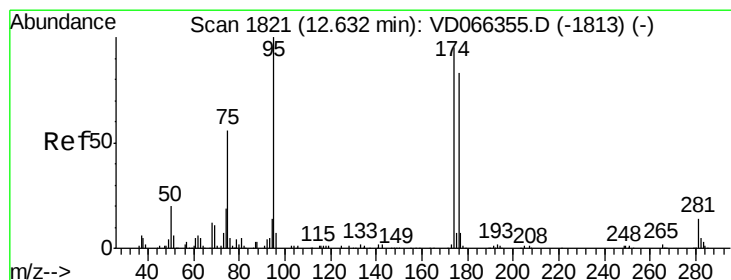
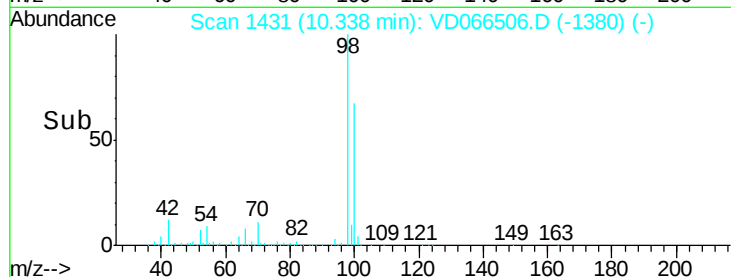
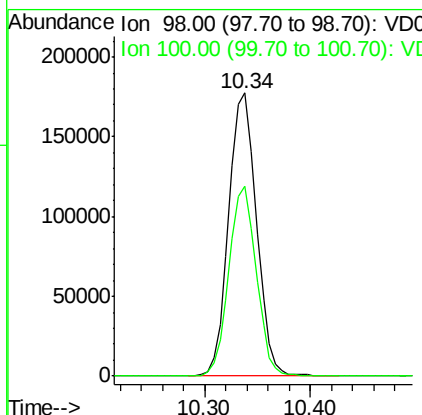
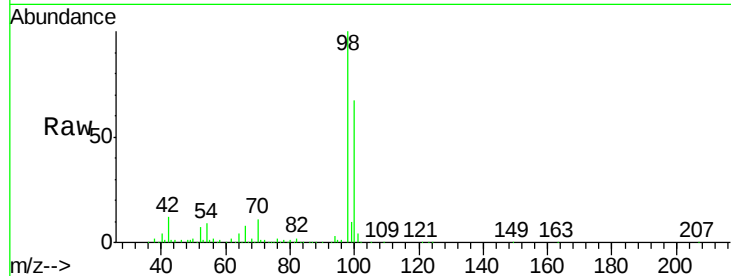




#50
Toluene-d8
Concen: 51.445 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

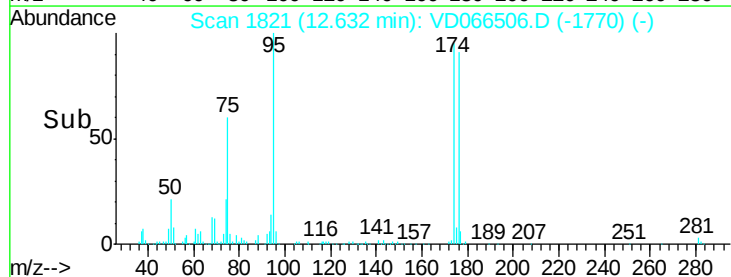
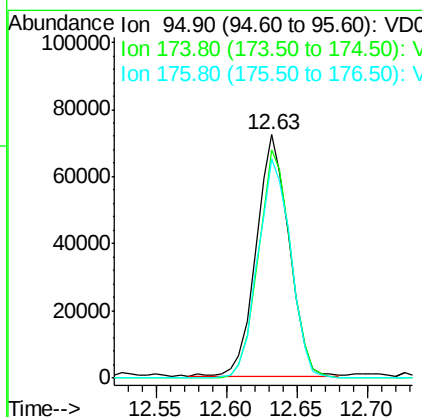
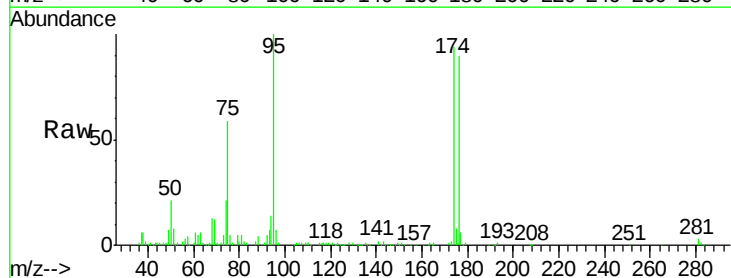
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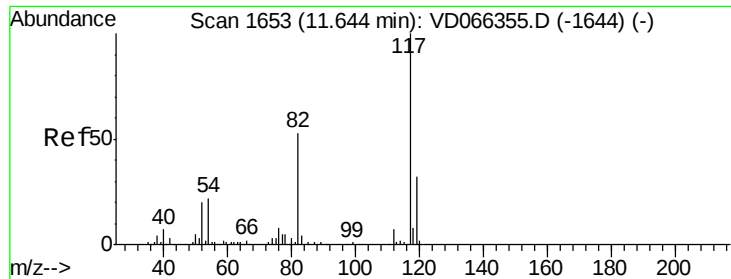
Tot Ion: 98 Resp: 324053
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.532 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

Tgt Ion: 95 Resp: 117417
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.4
176 91.5 0.0 173.8

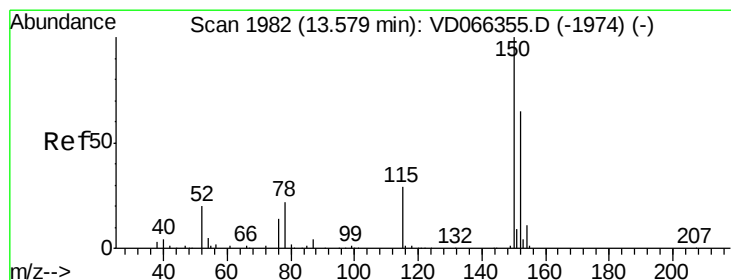
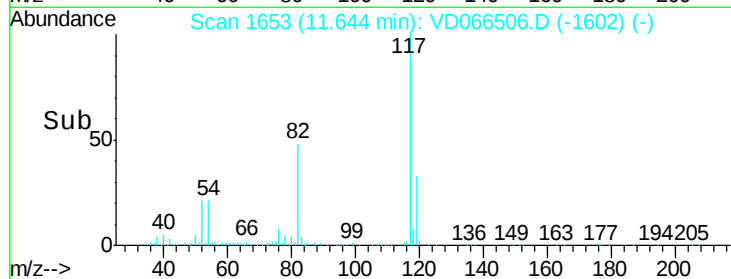
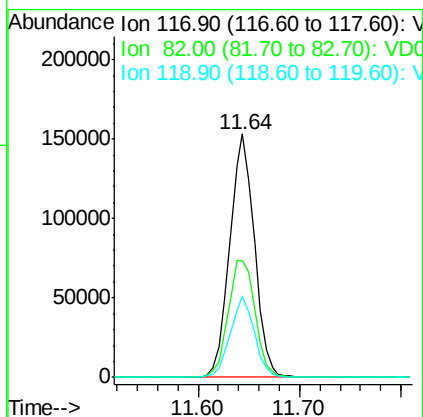
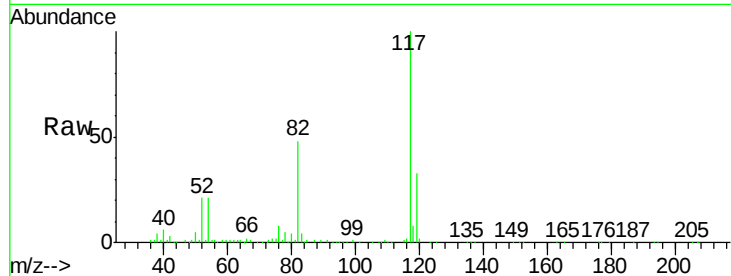




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

Instrument :
MSVOA_D
ClientSampleId :
16090

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.9	42.8	64.2
119	33.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.3	85.0
150	161.7	0.0	343.2

