

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066441.D
 Acq On : 27 Aug 2020 17:15
 Operator : VA/SY
 Sample : L3816-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ALMASI-1

Quant Time: Aug 28 02:14:32 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	7.97	168	188702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	268906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130686	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	99409	53.73	ug/l	0.00
Spiked Amount						
			Recovery	=	107.46%	
35) Dibromofluoromethane	7.91	113	82189	48.88	ug/l	0.00
Spiked Amount						
			Recovery	=	97.76%	
50) Toluene-d8	10.34	98	317904	51.67	ug/l	0.00
Spiked Amount						
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.63	95	107118	49.07	ug/l	0.00
Spiked Amount						
			Recovery	=	98.14%	

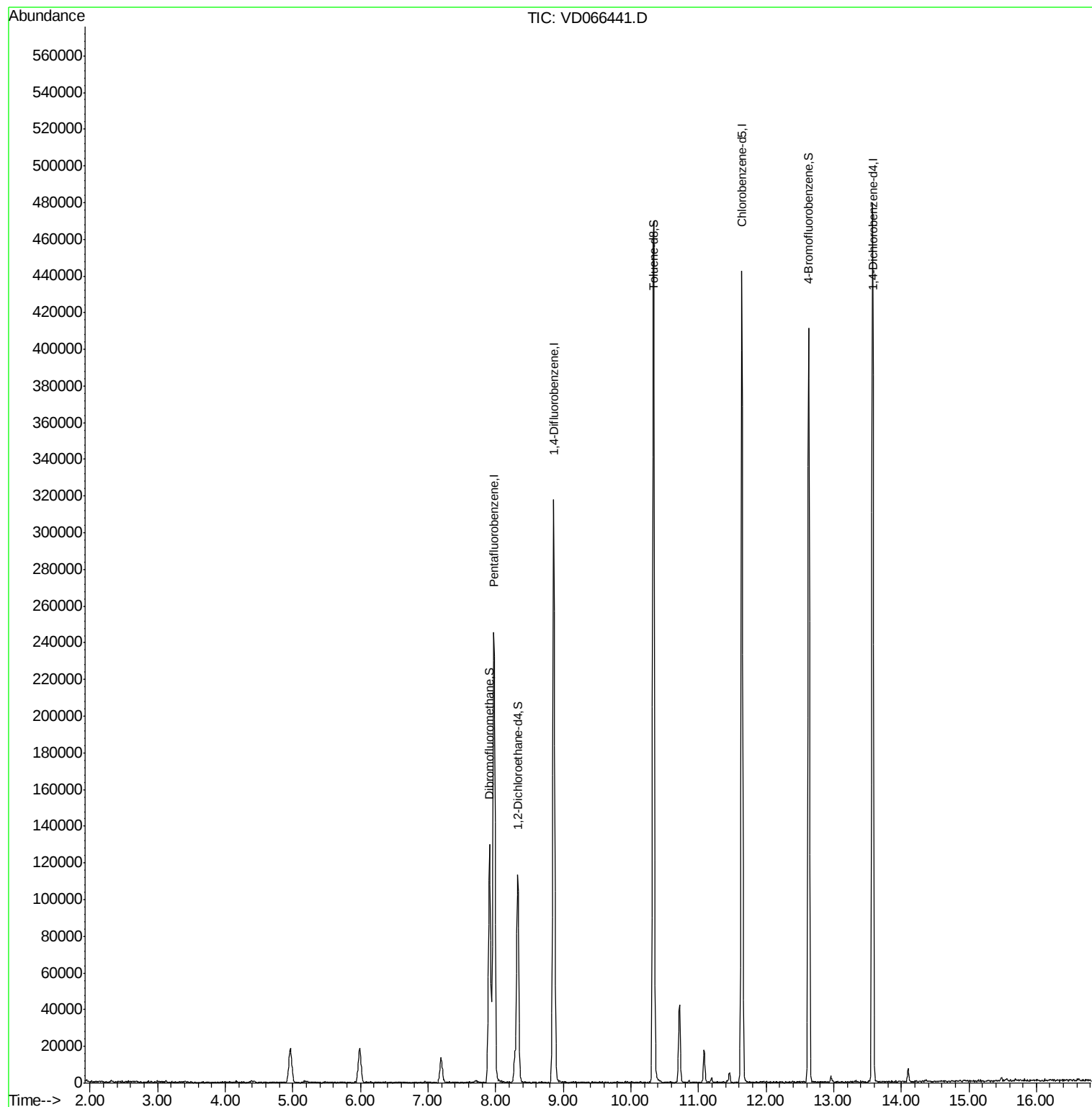
Target Compounds	Qvalue

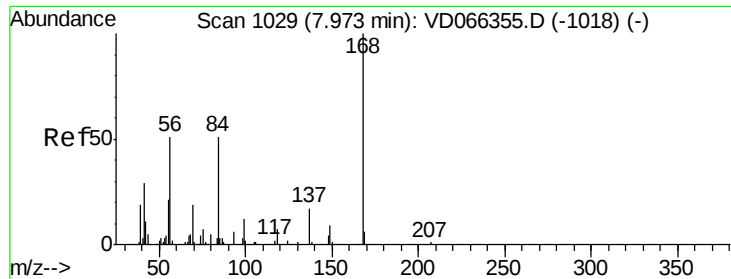
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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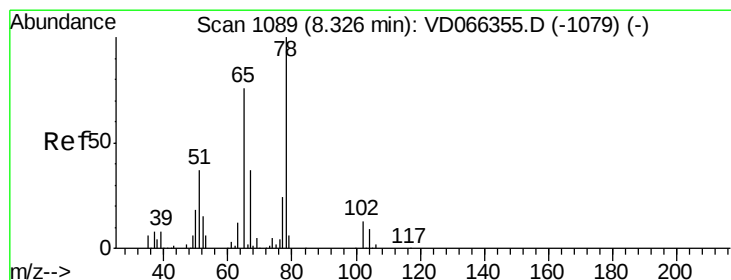
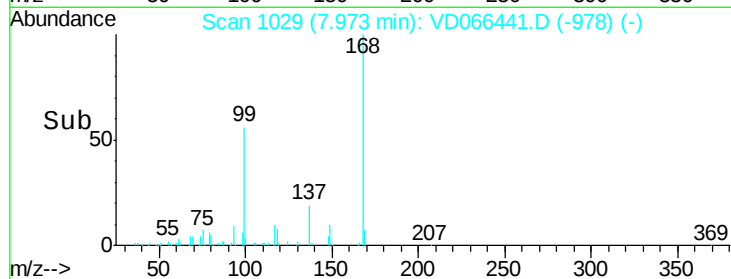
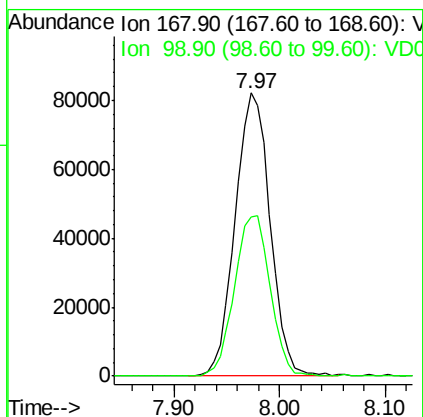
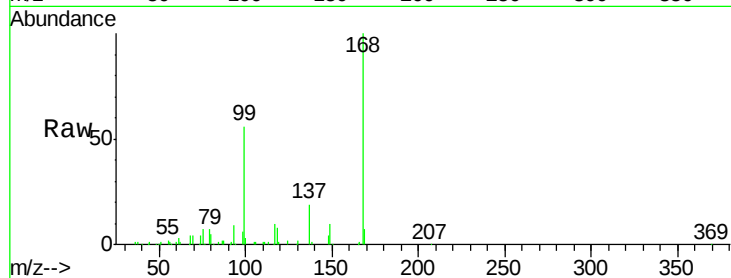




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VD066441.D
Acq: 27 Aug 2020 17:15

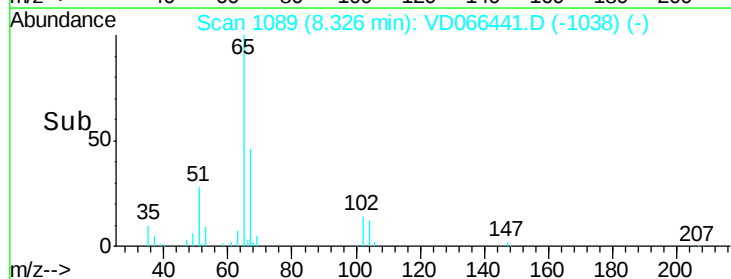
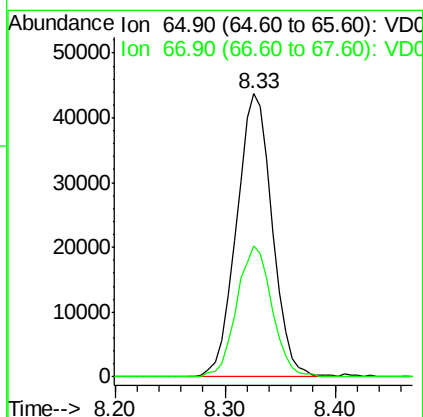
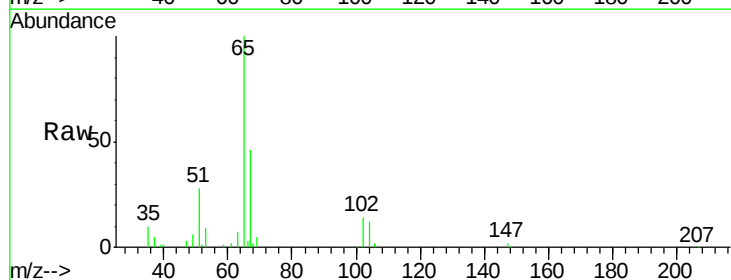
Instrument :
MSVOA_D
ClientSampleId :
ALMASI-1

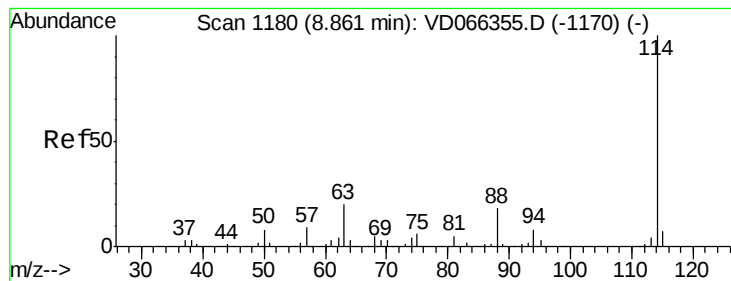
Tot Ion:168 Resp: 188702
Ion Ratio Lower Upper
168 100
99 56.0 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 53.734 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066441.D
Acq: 27 Aug 2020 17:15

Tgt Ion: 65 Resp: 99409
Ion Ratio Lower Upper
65 100
67 45.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

ALMASI-1

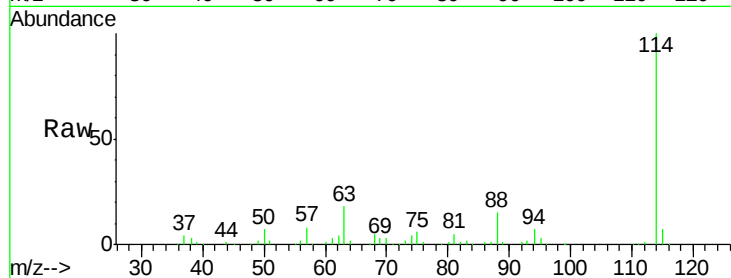
Tot Ion:114 Resp: 268906

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.8

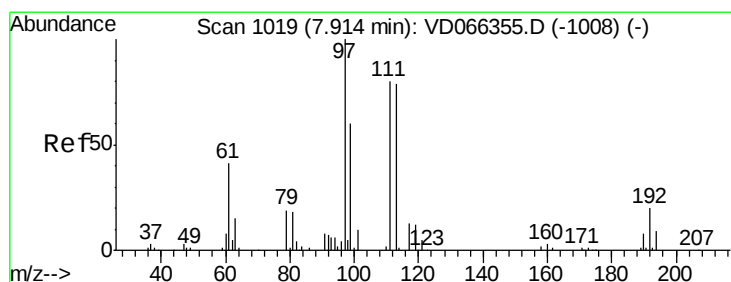
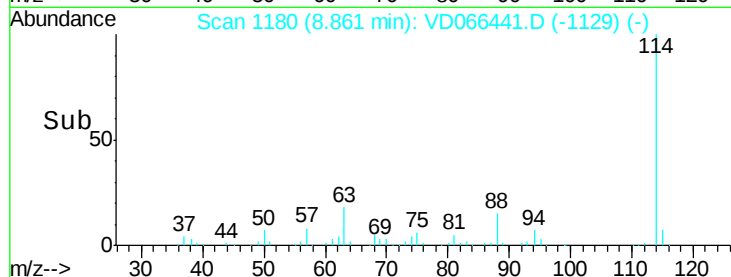
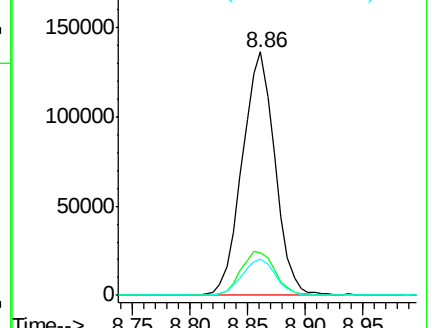
88 14.7 0.0 35.4



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: 48.879 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

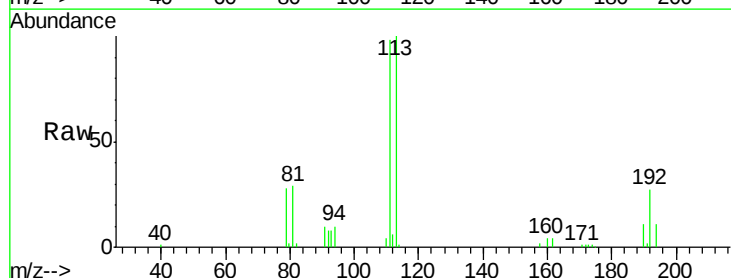
Tgt Ion:113 Resp: 82189

Ion Ratio Lower Upper

113 100

111 103.6 80.3 120.5

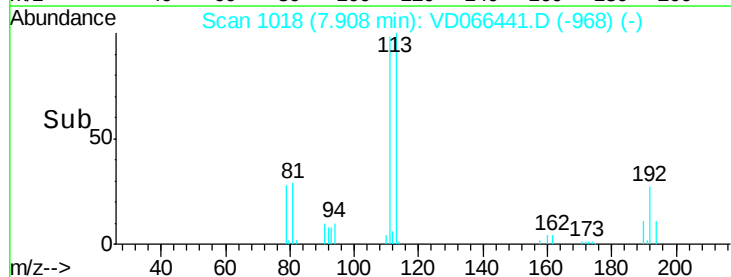
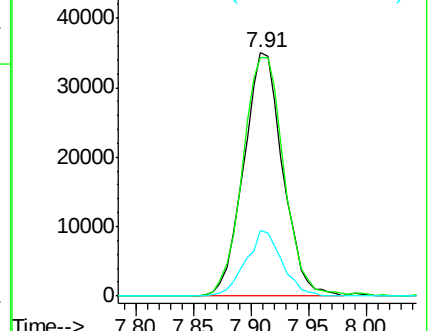
192 25.0 19.0 28.6

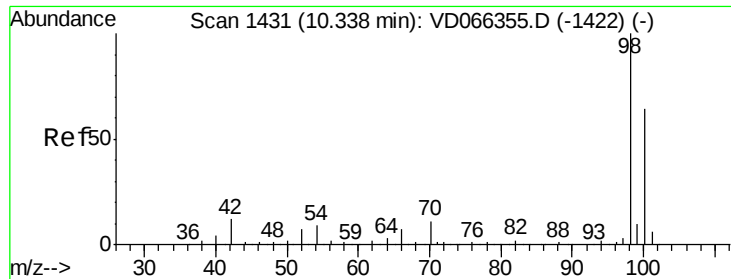


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

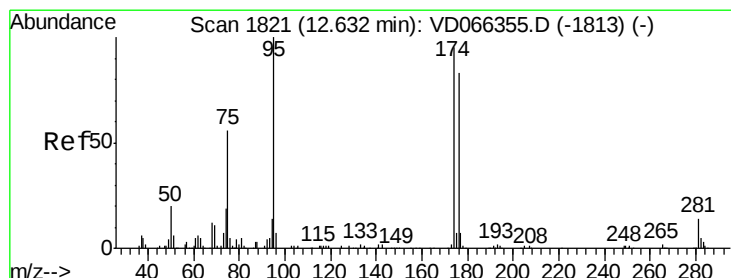
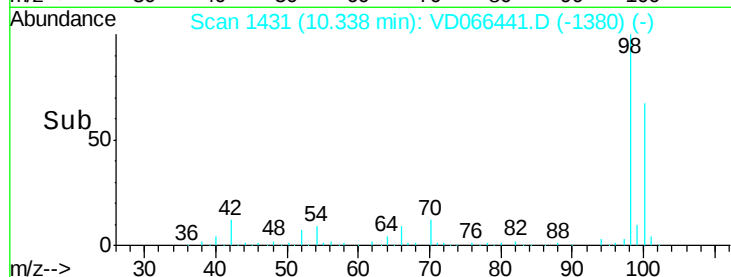
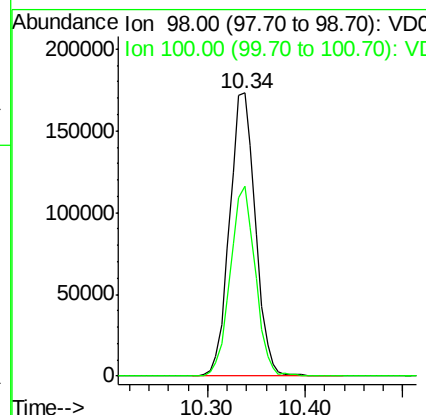
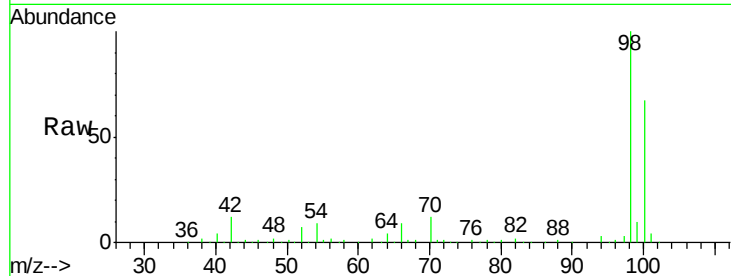




#50
Toluene-d8
Concen: 51.672 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066441.D
Acq: 27 Aug 2020 17:15

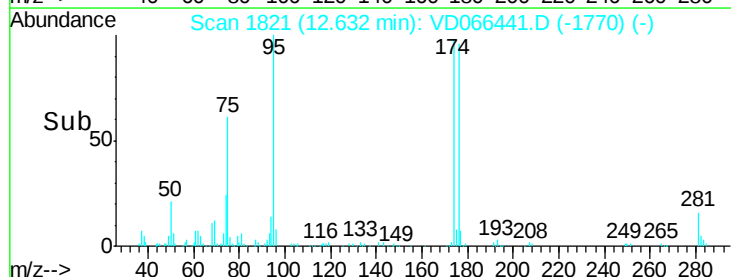
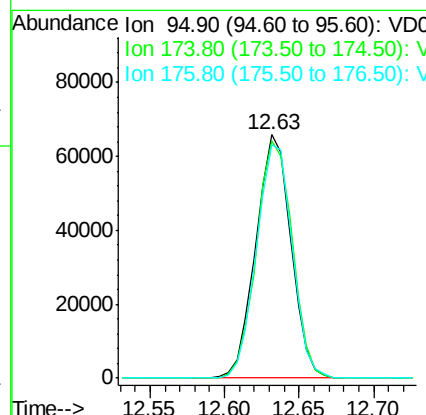
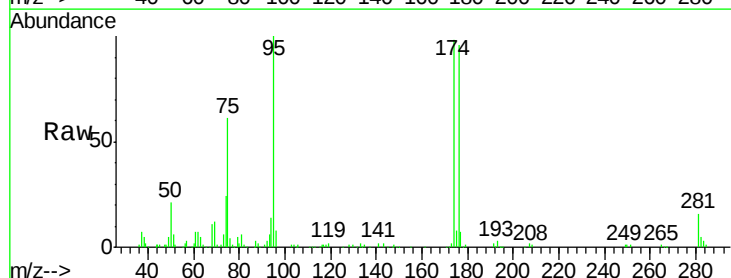
Instrument :
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ALMASI-1

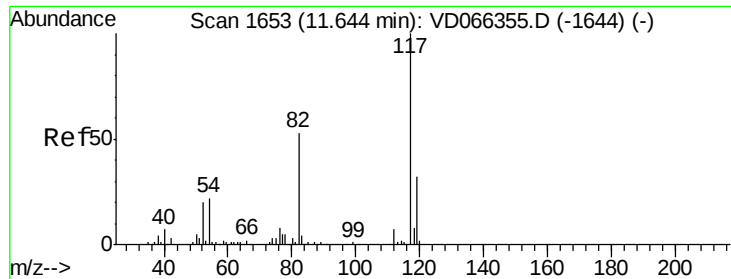
Tot Ion: 98 Resp: 317904
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.067 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066441.D
Acq: 27 Aug 2020 17:15

Tgt Ion: 95 Resp: 107118
Ion Ratio Lower Upper
95 100
174 99.4 0.0 183.4
176 97.7 0.0 173.8

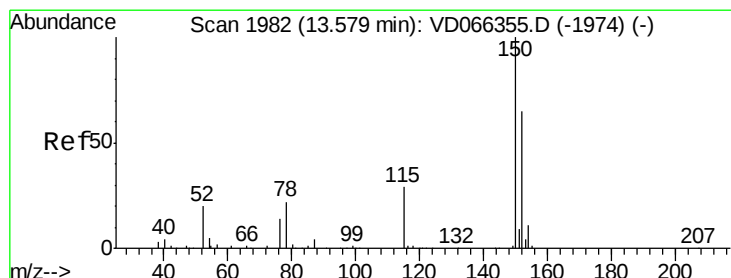
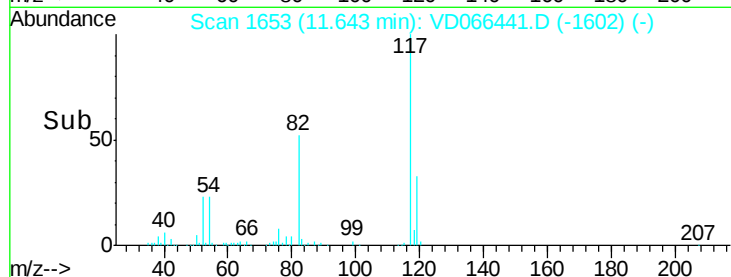
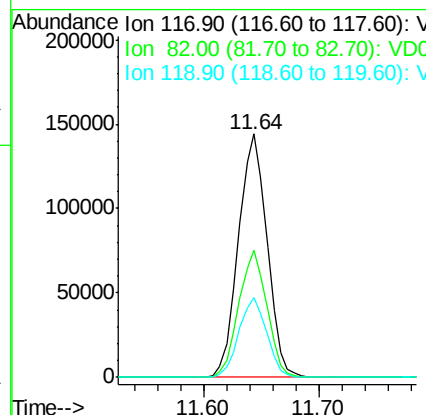
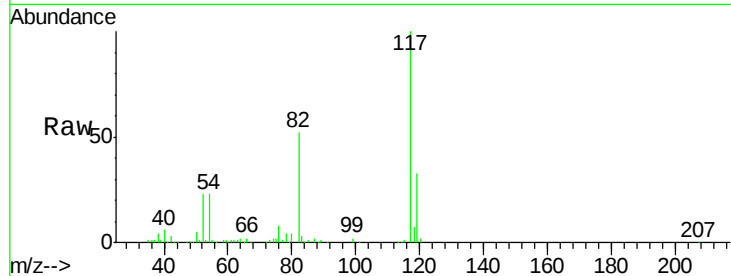




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066441.D
Acq: 27 Aug 2020 17:15

Instrument :
MSVOA_D
ClientSampleId :
ALMASI-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.8	64.2
119	32.6	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: VD066441.D
Acq: 27 Aug 2020 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.3	85.0
150	158.2	0.0	343.2

