

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066505.D
 Acq On : 01 Sep 2020 19:24
 Operator : VA/SY
 Sample : L3852-07
 Misc : 5.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24179

Quant Time: Sep 02 01:57:40 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

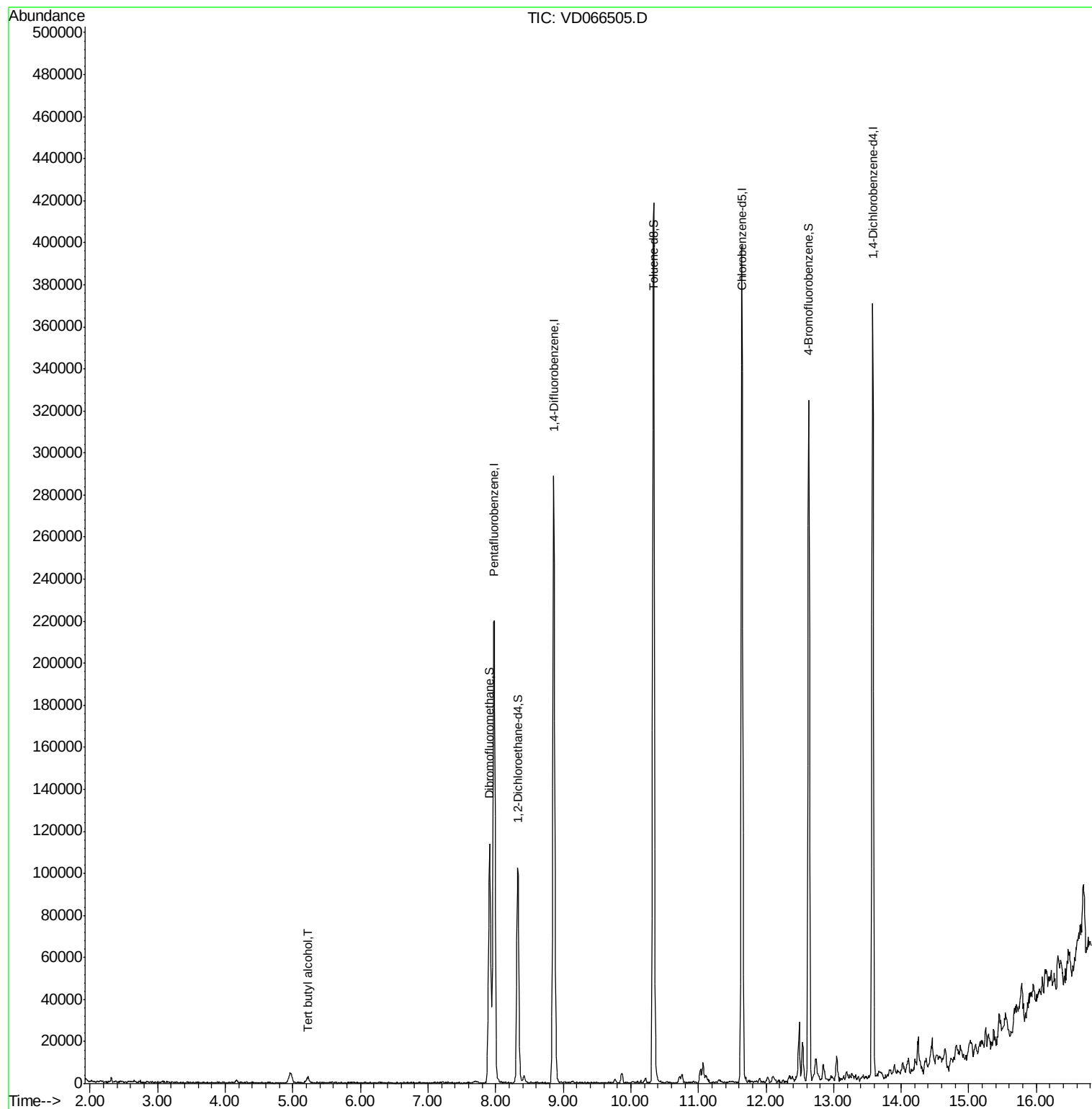
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	167076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	245066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	93417	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	7.91	113	75929	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.34	98	283023	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.63	95	93308	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
11) Tert butyl alcohol	5.22	59	5457	17.242	ug/l #	74

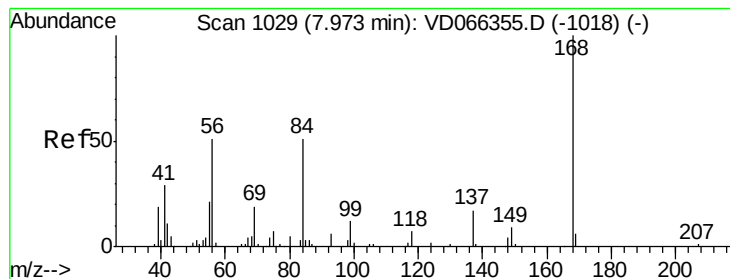
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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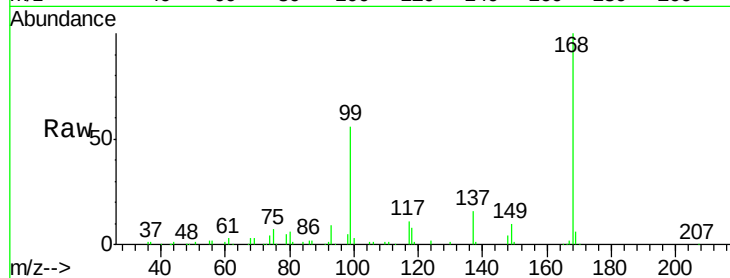
24179

Tot Ion:168 Resp: 167076

Ion Ratio Lower Upper

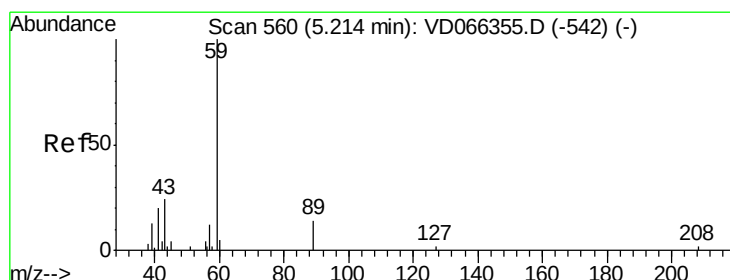
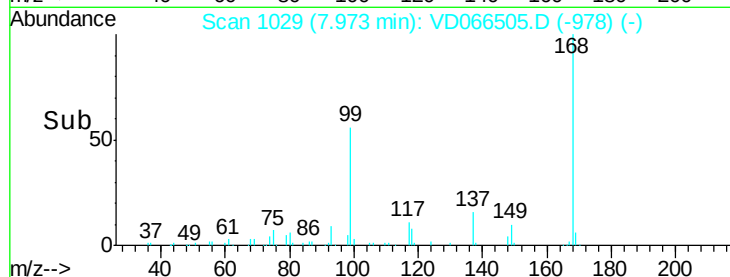
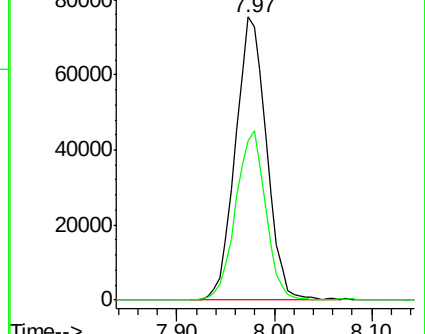
168 100

99 56.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 17.242 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066505.D

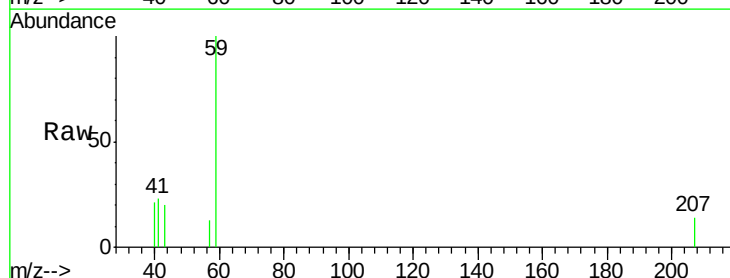
Acq: 01 Sep 2020 19:24

Tgt Ion: 59 Resp: 5457

Ion Ratio Lower Upper

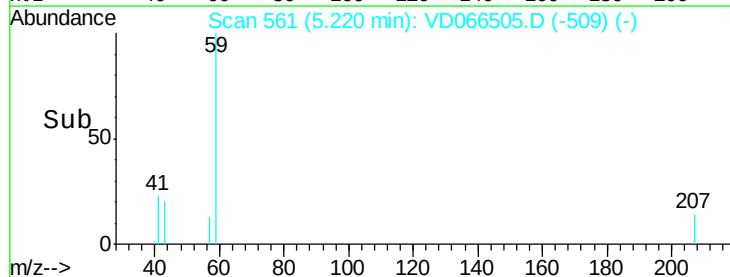
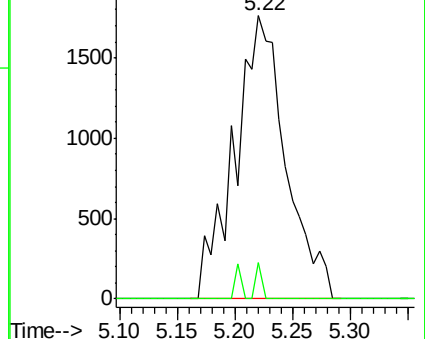
59 100

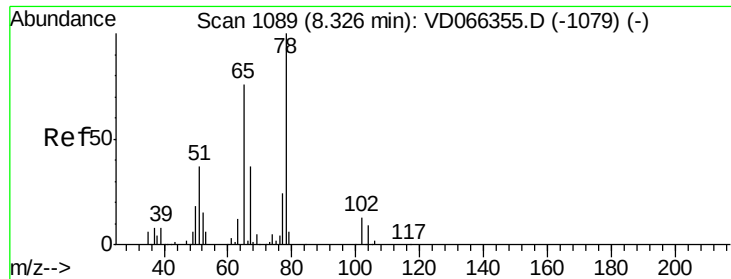
57 1.5 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

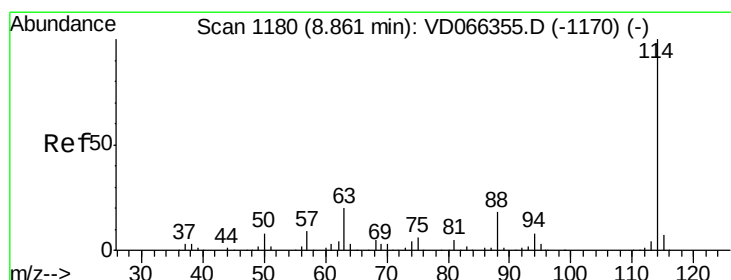
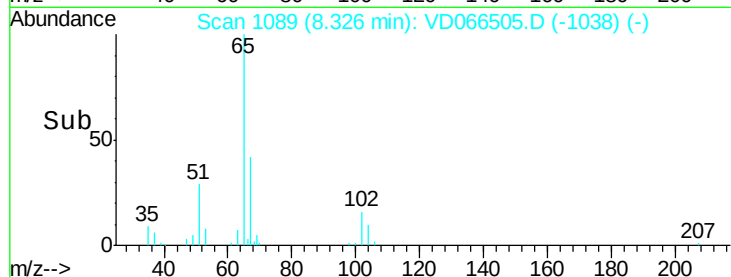
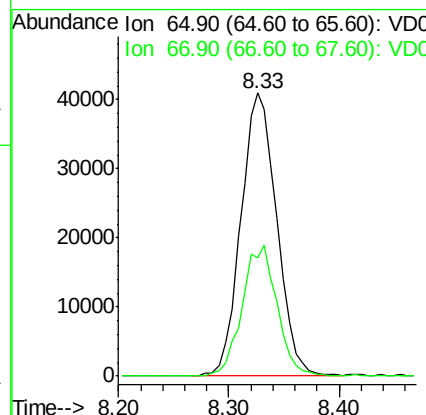
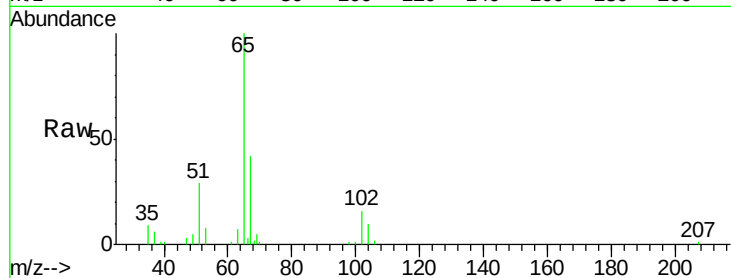




#33
 1,2-Dichloroethane-d4
 Concen: 57.031 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066505.D
 Acq: 01 Sep 2020 19:24

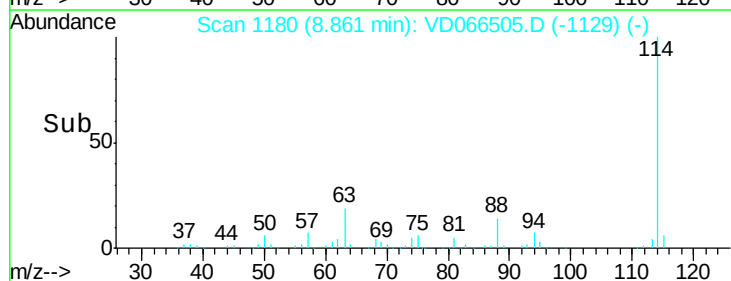
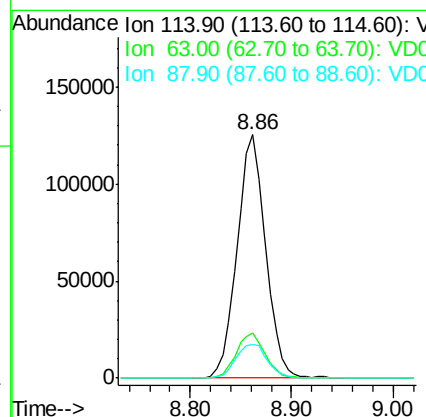
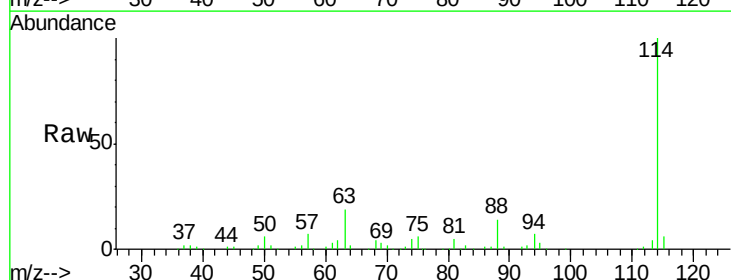
Instrument :
 MSVOA_D
 ClientSampleId :
 24179

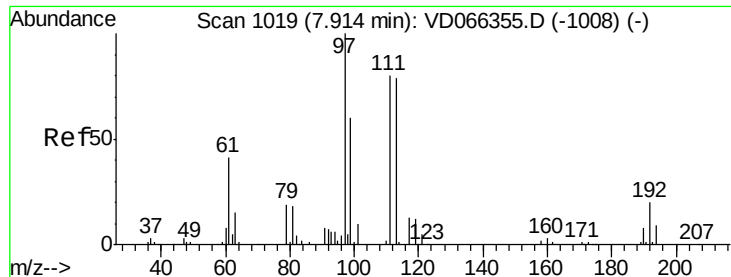
Tot Ion: 65 Resp: 93417
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066505.D
 Acq: 01 Sep 2020 19:24

Tgt Ion: 114 Resp: 245066
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 13.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.548 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066505.D

Acq: 01 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

24179

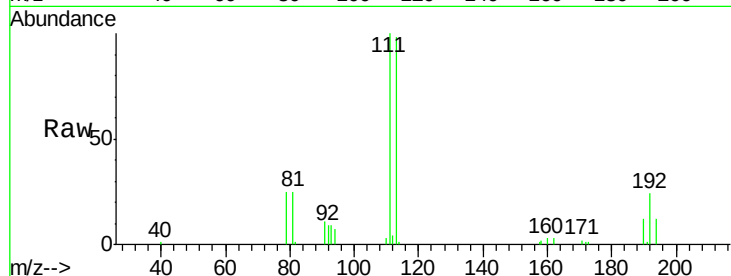
Tot Ion:113 Resp: 75929

Ion Ratio Lower Upper

113 100

111 101.7 80.3 120.5

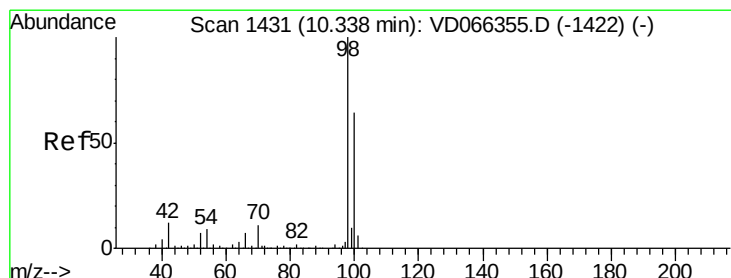
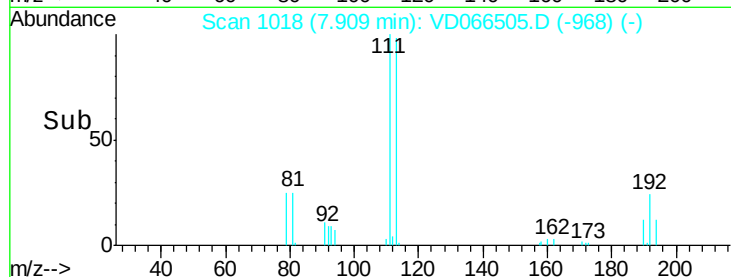
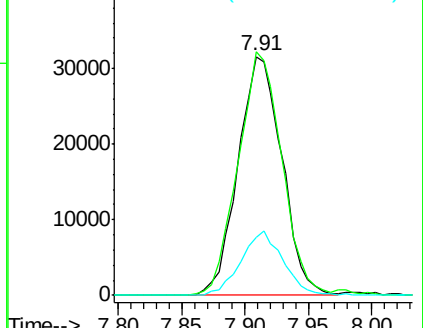
192 25.8 19.0 28.6



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: 50.477 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066505.D

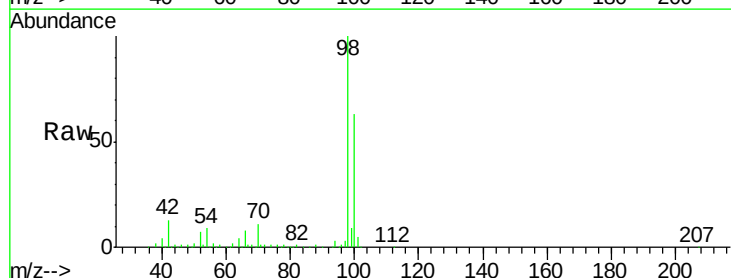
Acq: 01 Sep 2020 19:24

Tgt Ion: 98 Resp: 283023

Ion Ratio Lower Upper

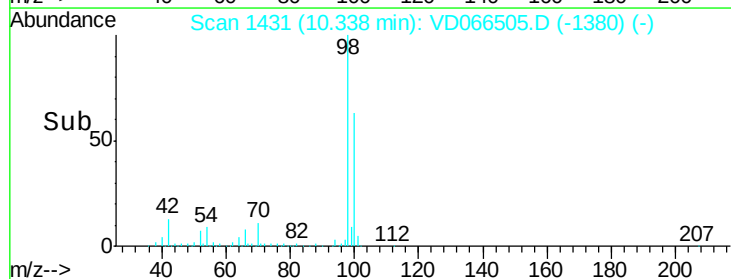
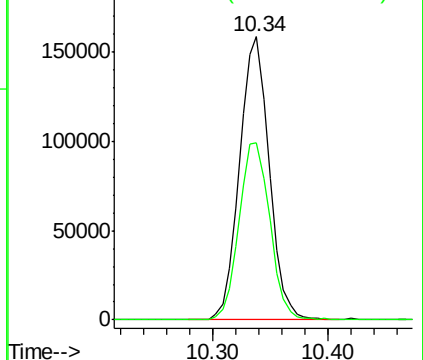
98 100

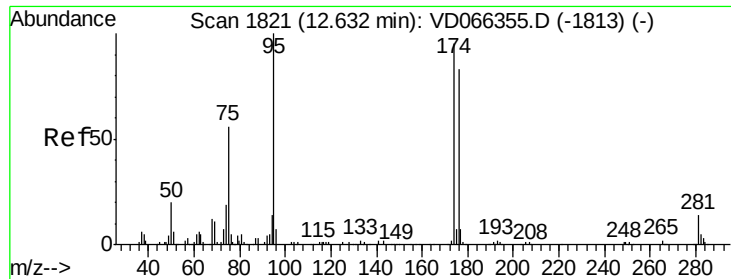
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

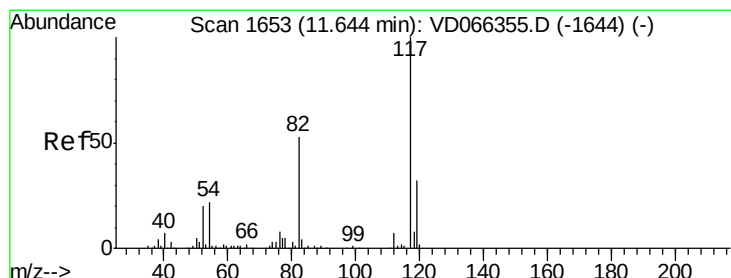
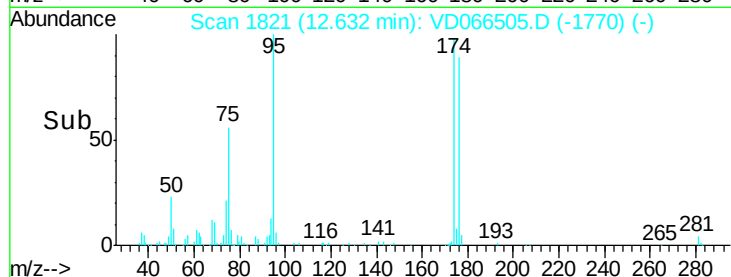
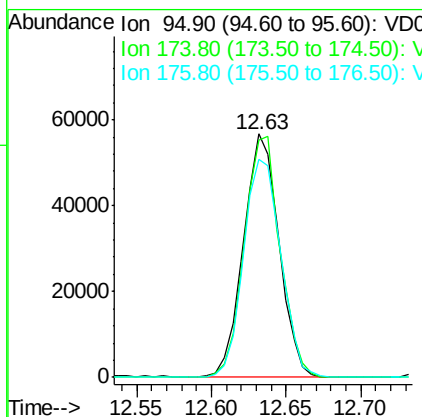
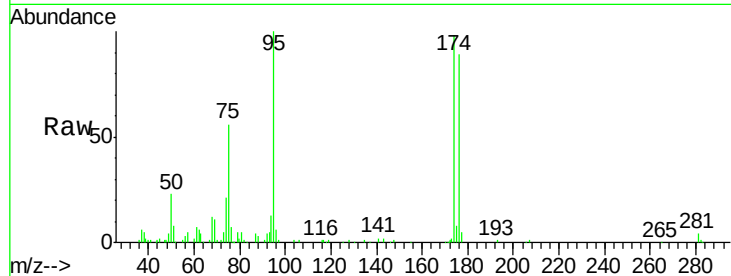




#62
4-Bromofluorobenzene
Concen: 46.899 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066505.D
Acq: 01 Sep 2020 19:24

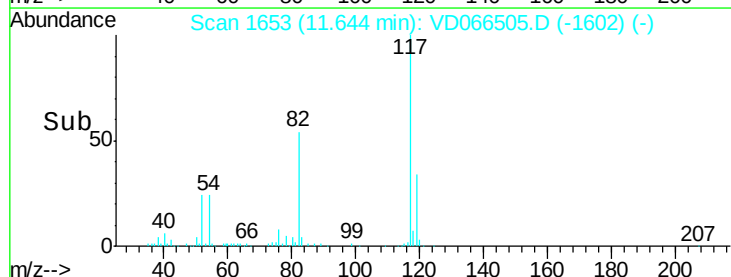
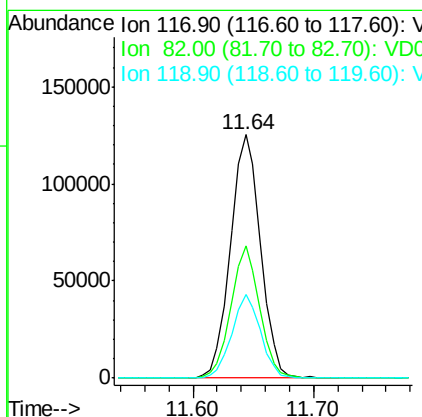
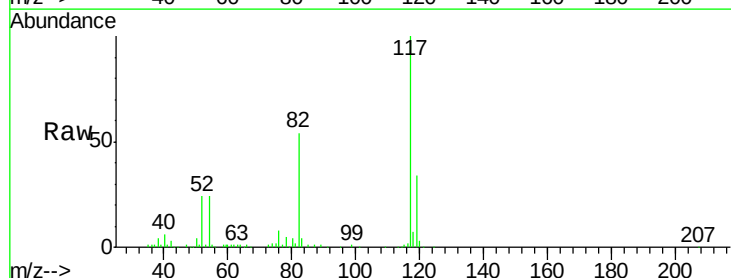
Instrument :
MSVOA_D
ClientSampleId :
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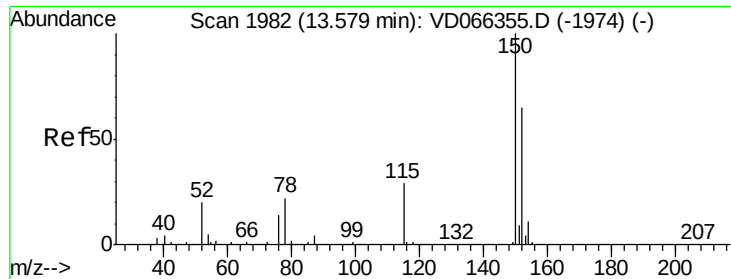
Tot Ion: 95 Resp: 93308
Ion Ratio Lower Upper
95 100
174 99.5 0.0 183.4
176 94.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066505.D
Acq: 01 Sep 2020 19:24

Tgt Ion: 117 Resp: 216842
Ion Ratio Lower Upper
117 100
82 54.3 42.8 64.2
119 34.3 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: VD066505.D

Acq: 01 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

24179

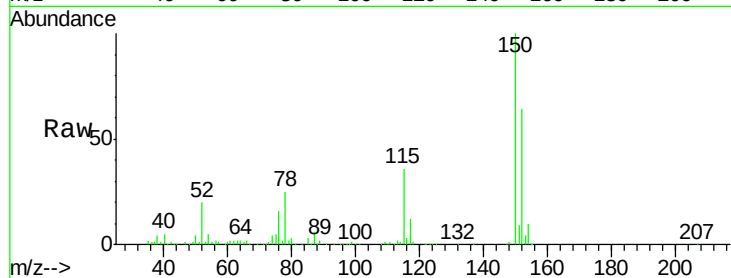
Tot Ion:152 Resp: 99640

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

150 151.9 0.0 343.2



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

