

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066055.D
 Acq On : 24 Jul 2020 18:51
 Operator : VA/SY
 Sample : L3430-02
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

Quant Time: Jul 25 00:50:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

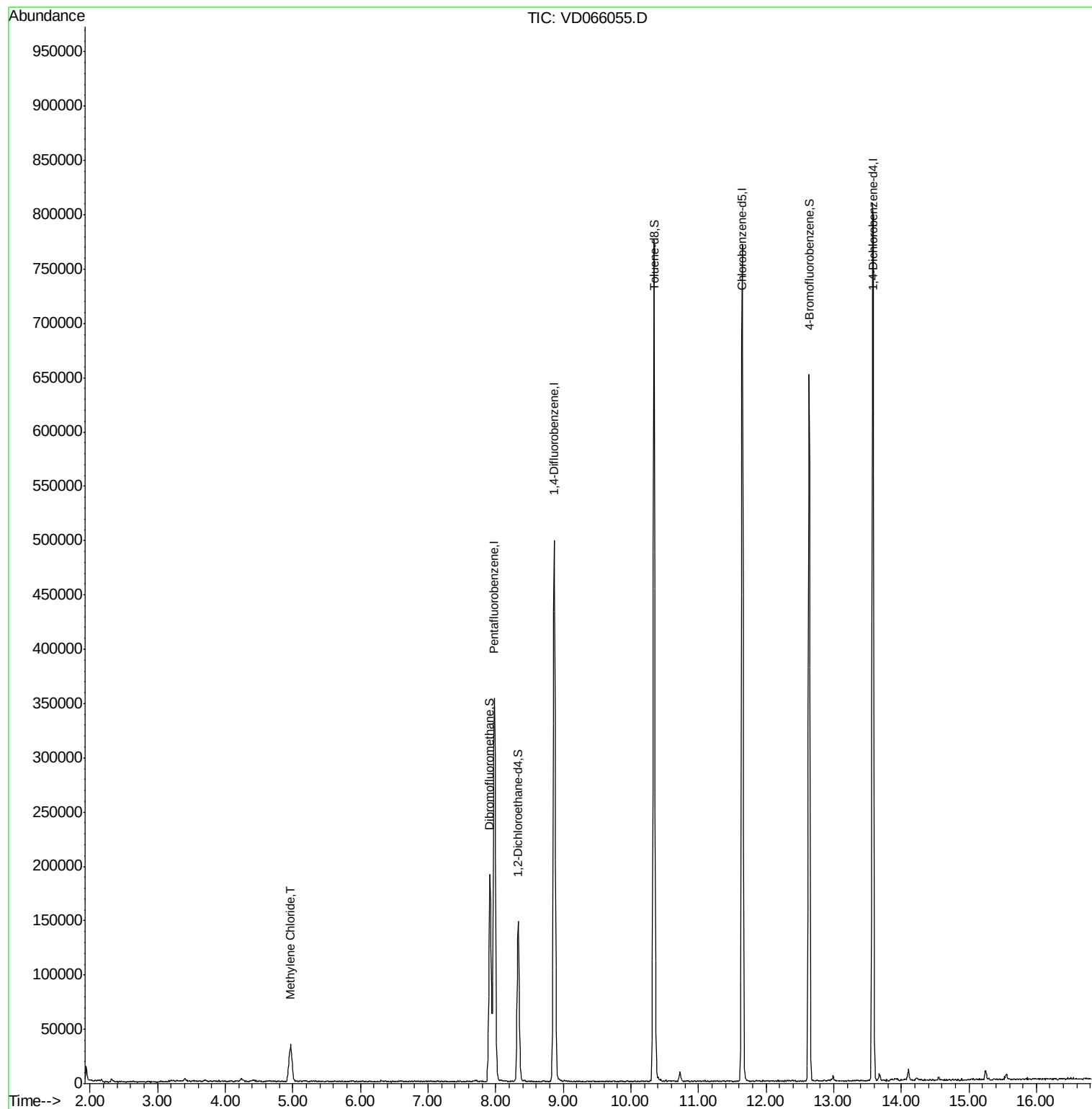
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	288894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117416	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	7.92	113	134233	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.34	98	525355	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.64	95	202002	58.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.84%	
Target Compounds						
20) Methylene Chloride	4.97	84	25573	7.181	ug/l #	Qvalue 87

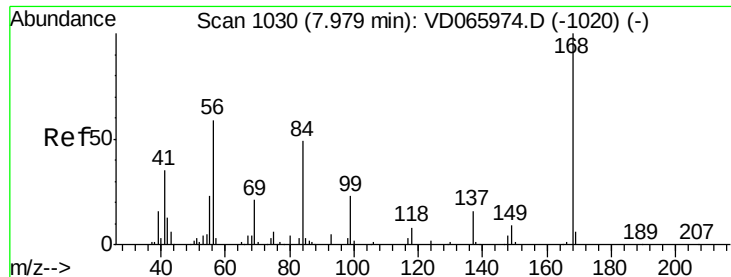
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

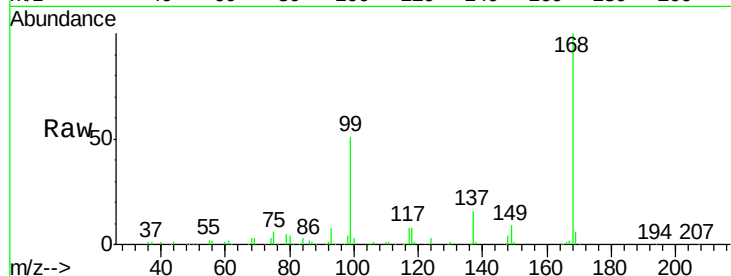
TS2

Tot Ion:168 Resp: 288894

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

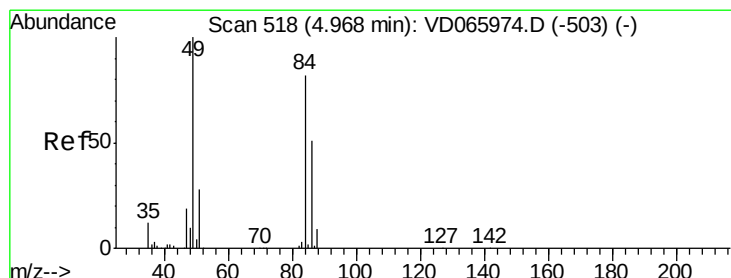
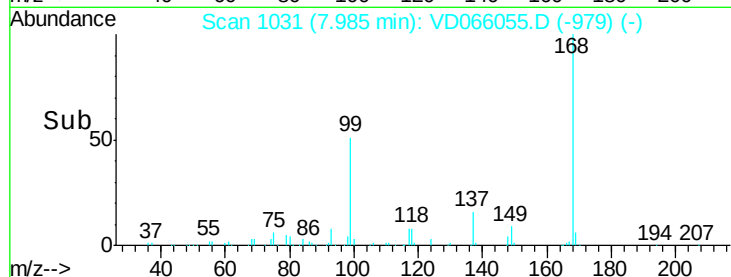
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.181 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066055.D

Acq: 24 Jul 2020 18:51

Tgt Ion: 84 Resp: 25573

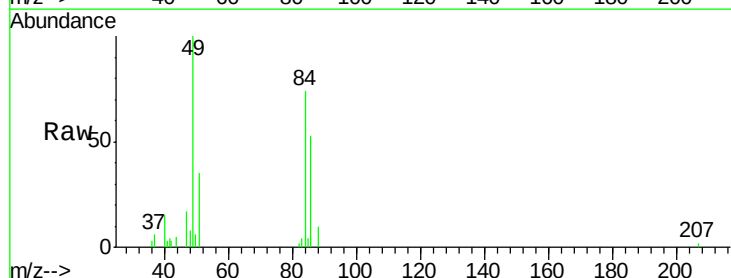
Ion Ratio Lower Upper

84 100

49 134.3 97.7 146.5

51 47.2 27.4 41.2#

86 71.0 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

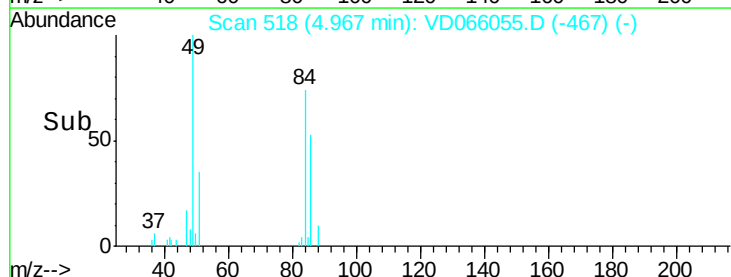
15000

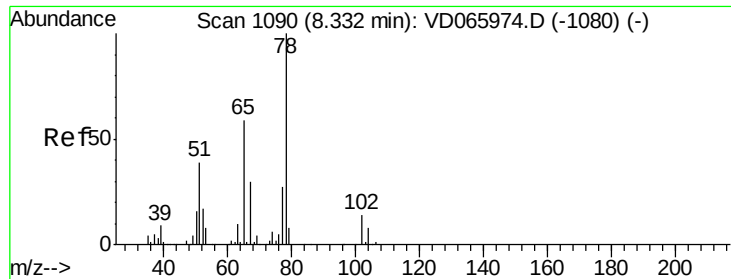
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5000

0

Time-->

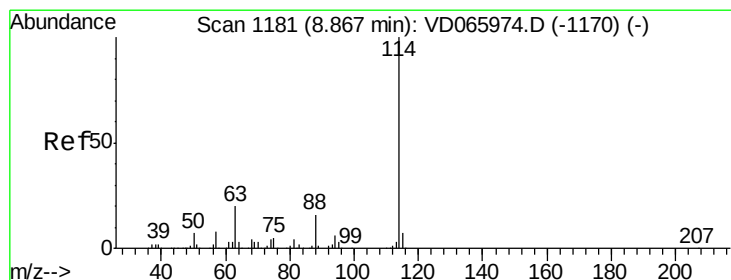
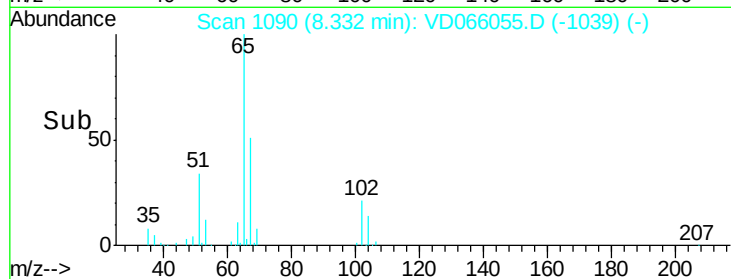
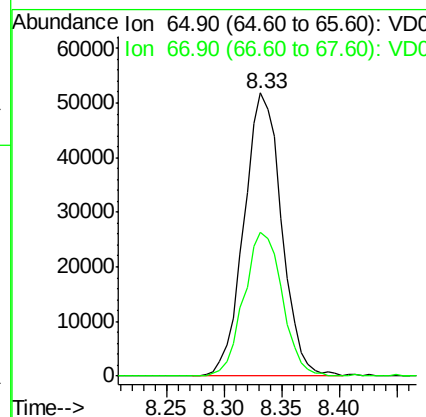
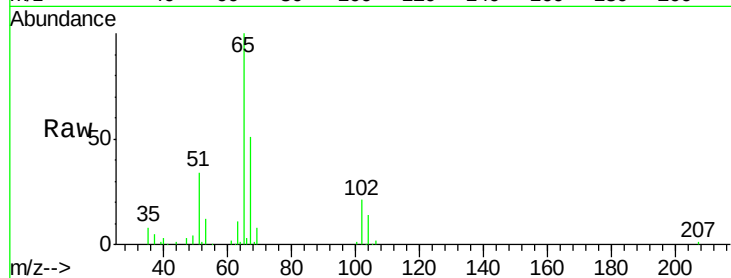




#33
 1,2-Dichloroethane-d4
 Concen: 49.949 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

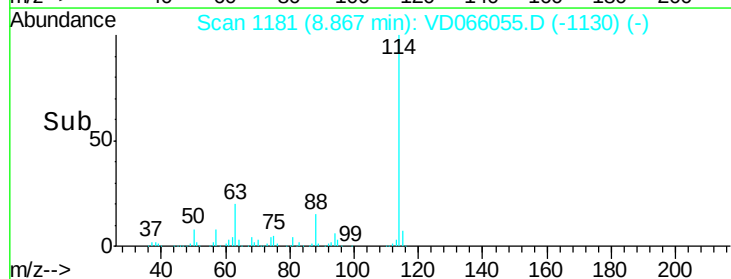
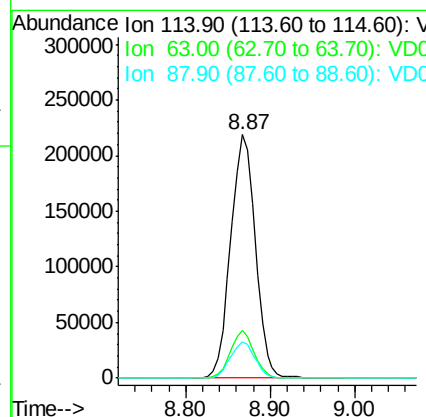
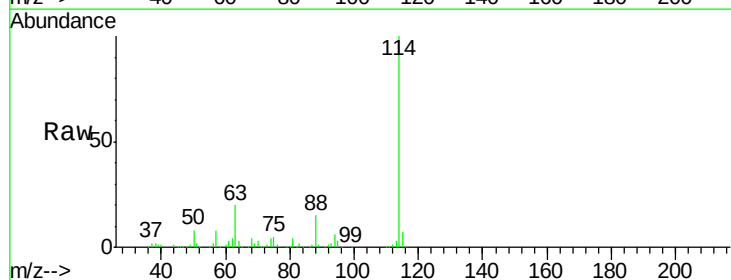
Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

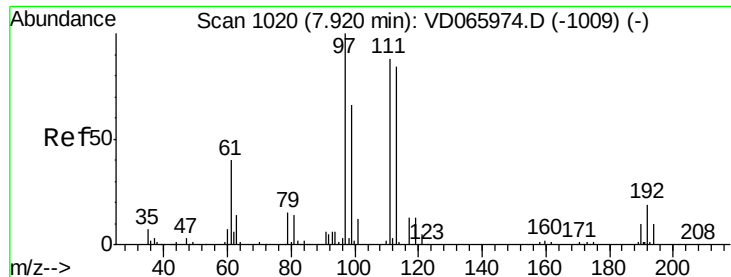
Tot Ion: 65 Resp: 117416
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

Tgt Ion: 114 Resp: 441368
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.1 0.0 31.2

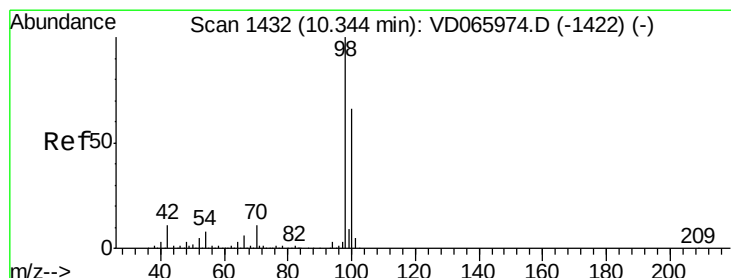
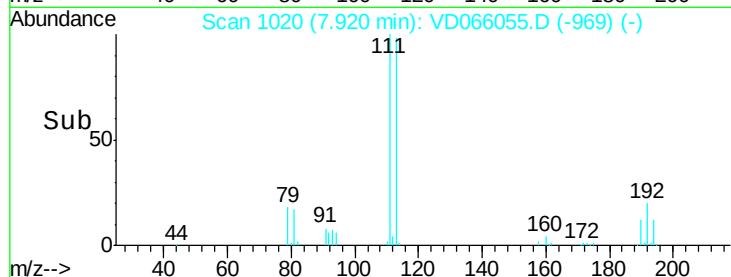
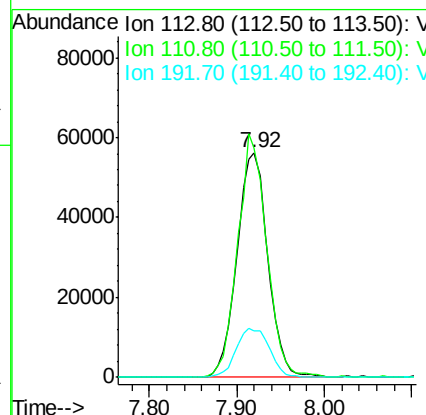
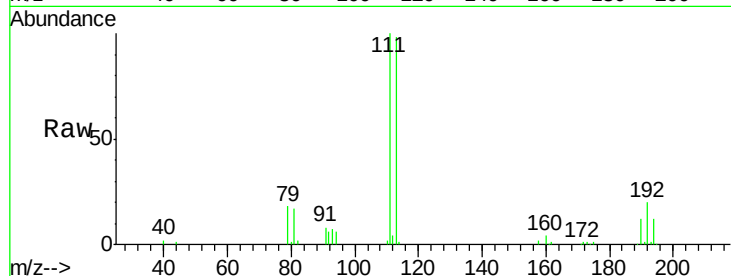




#35
 Dibromofluoromethane
 Concen: 50.142 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

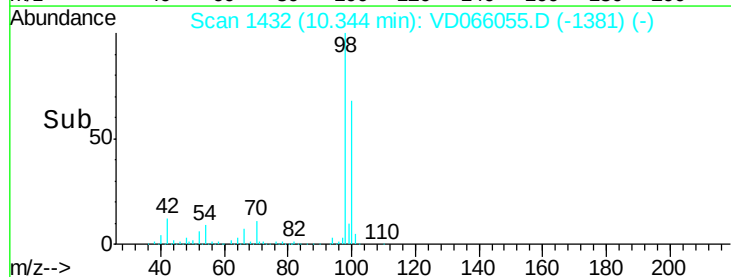
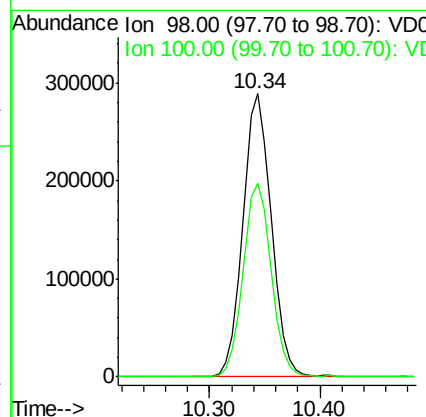
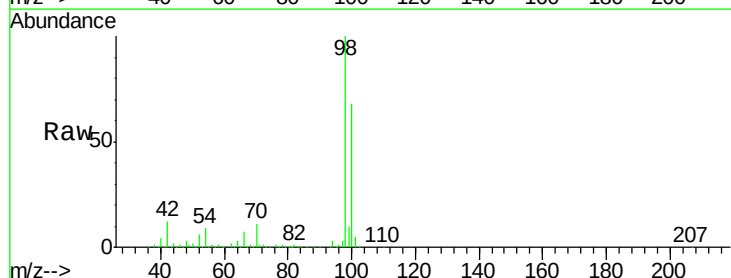
Instrument :
 MSVOA_D
 ClientSampleId :
 TS2

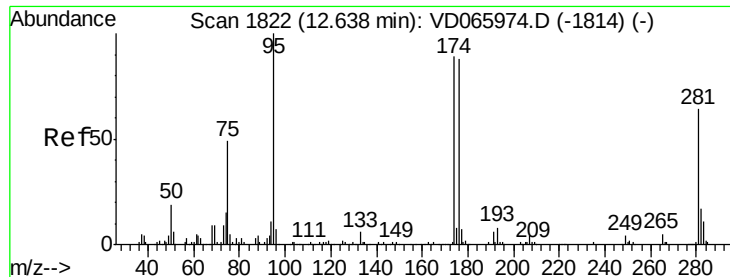
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	23.4	18.7	28.1



#50
 Toluene-d8
 Concen: 52.680 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066055.D
 Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.7	79.1

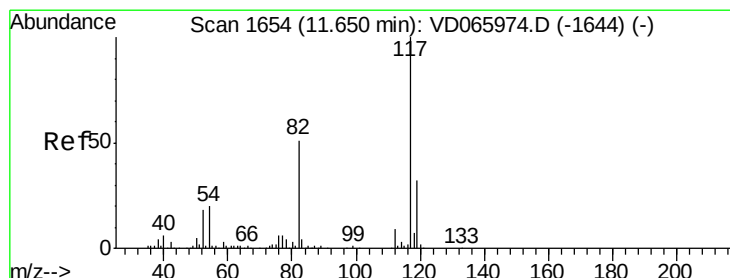
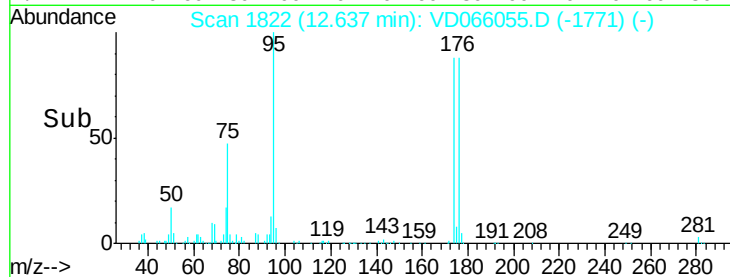
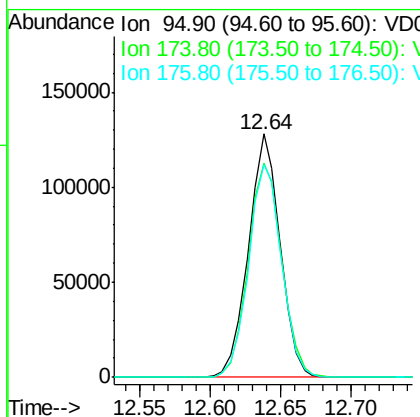
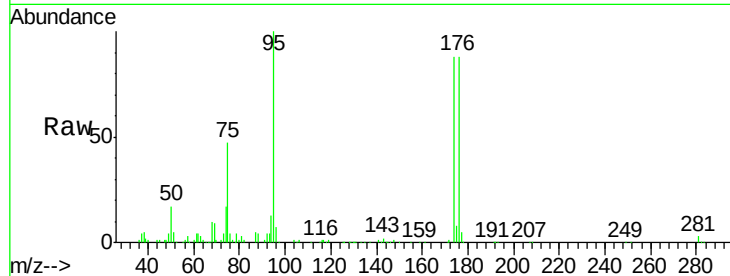




#62
4-Bromofluorobenzene
Concen: 58.418 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066055.D
Acq: 24 Jul 2020 18:51

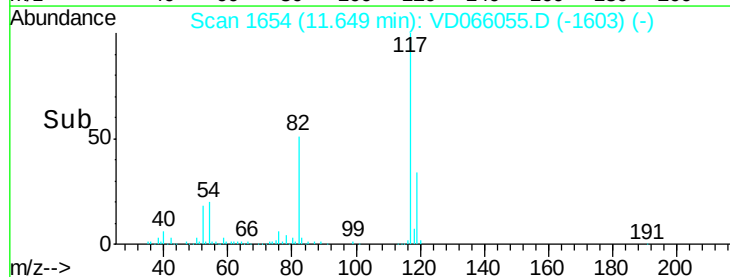
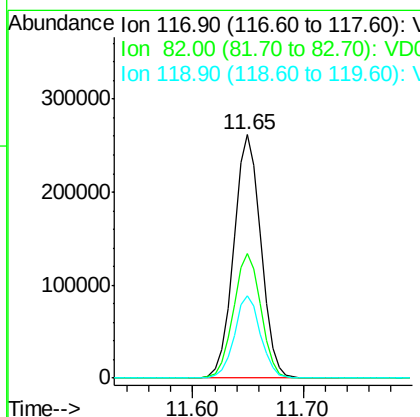
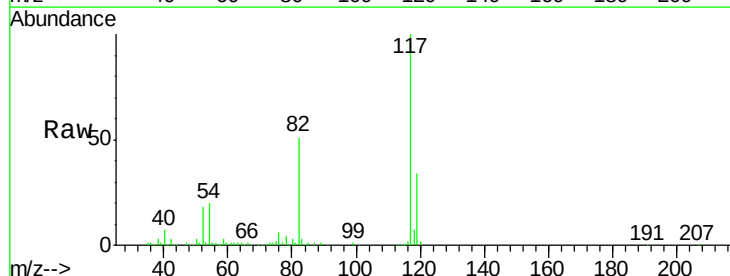
Instrument :
MSVOA_D
ClientSampleId :
TS2

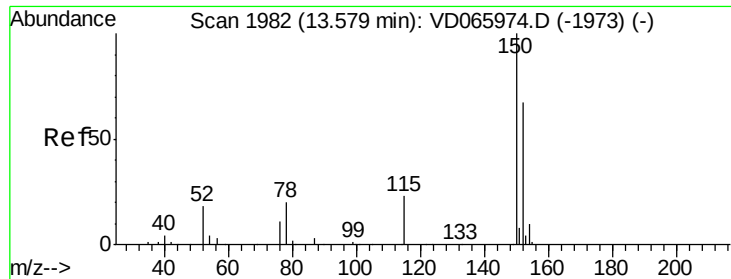
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	178.8
176	90.6	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066055.D
Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.1	61.7
119	33.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066055.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

TS2

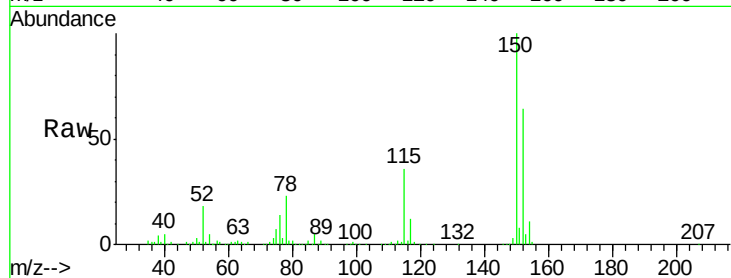
Tot Ion:152 Resp: 232113

Ion Ratio Lower Upper

152 100

115 53.8 27.9 83.7

150 156.8 0.0 348.2



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

