

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074604.D
 Acq On : 20 Oct 2022 18:13
 Operator : VA/SY
 Sample : N5220-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HFI-CON-1020

Quant Time: Oct 21 03:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

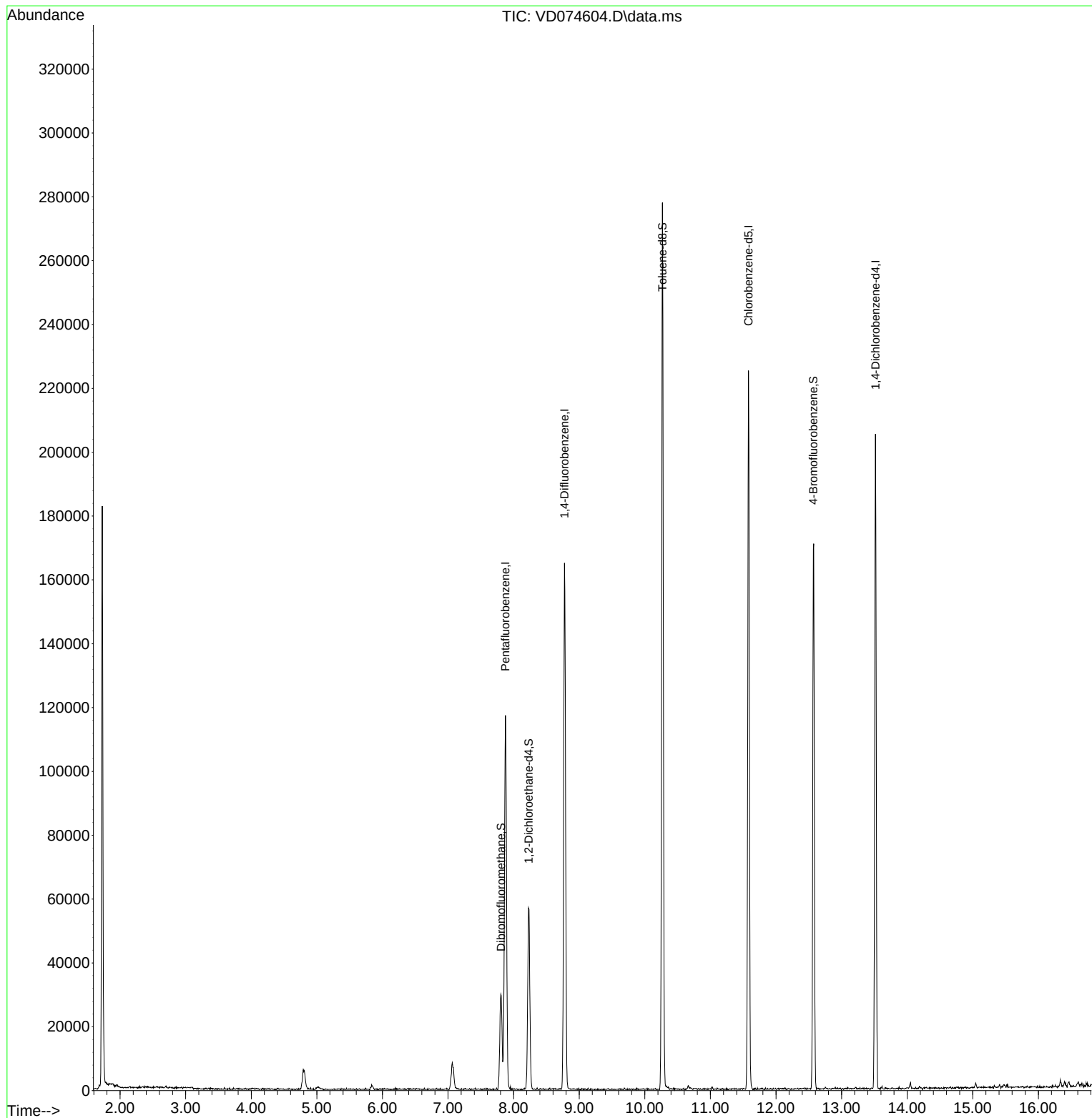
Internal Standards						
1) Pentafluorobenzene	7.875	168	98487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45955	61.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.240%
35) Dibromofluoromethane	7.811	113	23157	24.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.920%#
50) Toluene-d8	10.269	98	197553	60.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.480%
62) 4-Bromofluorobenzene	12.569	95	53686	57.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.380%
Target Compounds						
11) Tert butyl alcohol	5.028	59	143	Below Cal	#	84
20) Methylene Chloride	4.793	84	5627	Below Cal		89

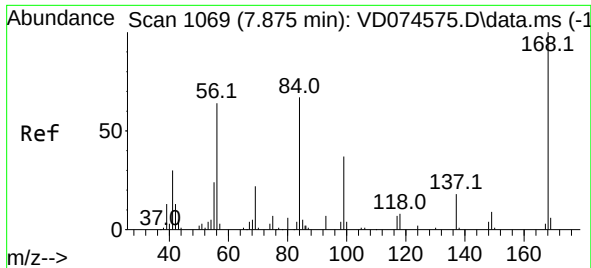
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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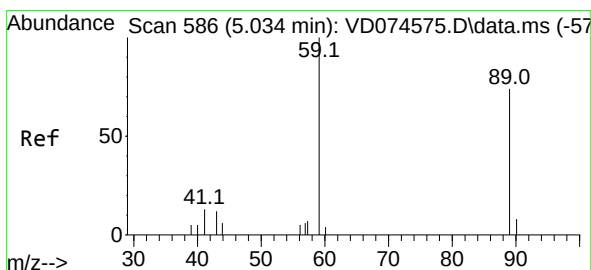
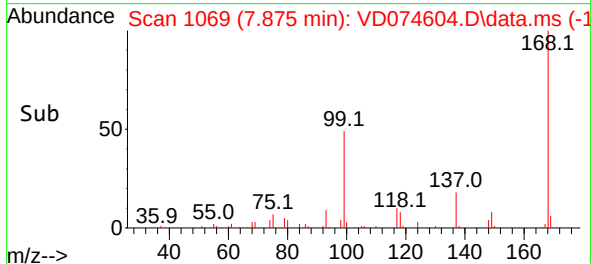
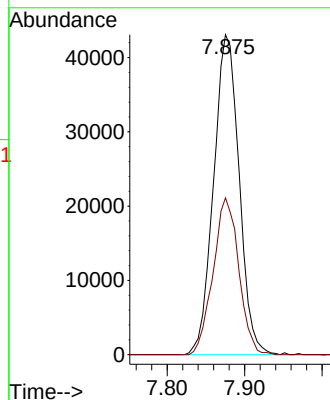
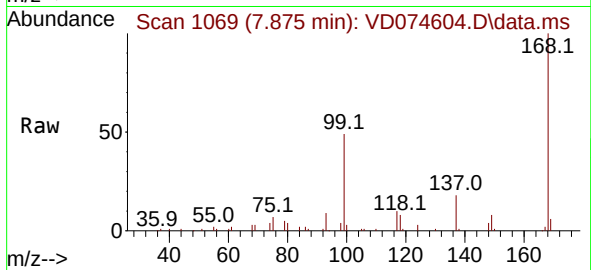




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

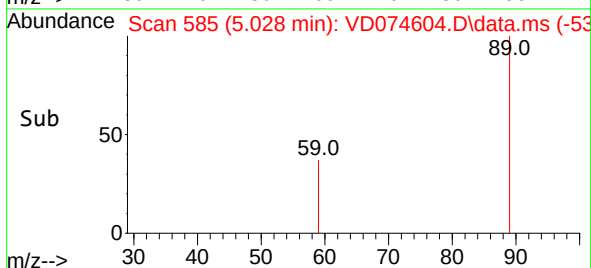
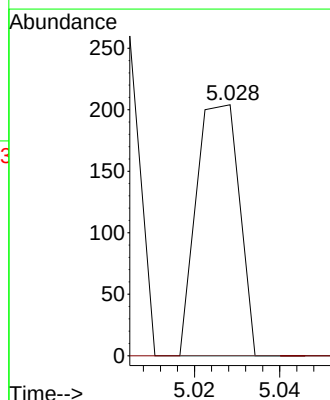
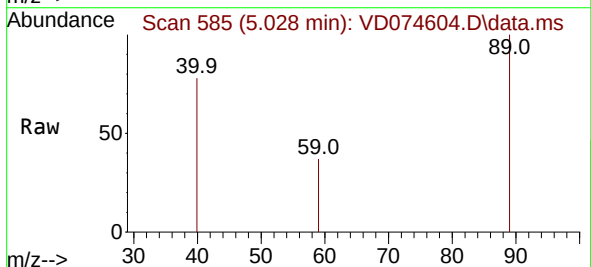
Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

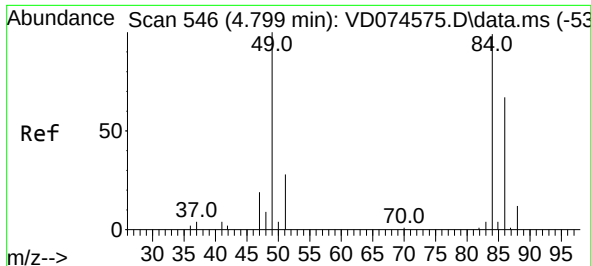
Tgt Ion:168 Resp: 98487
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 585
Delta R.T. -0.024 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



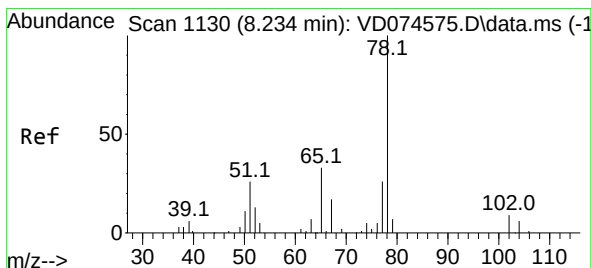
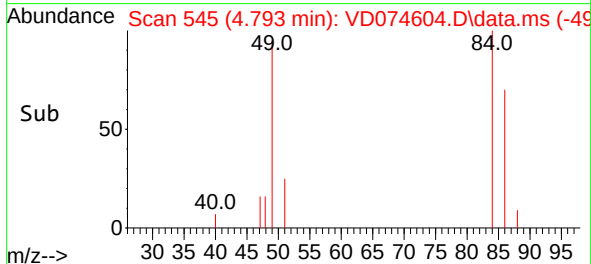
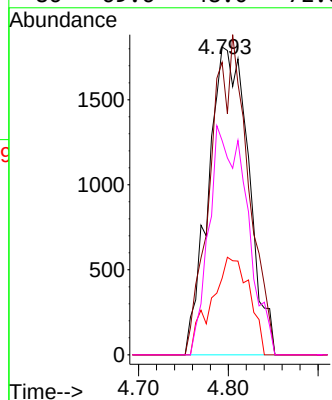
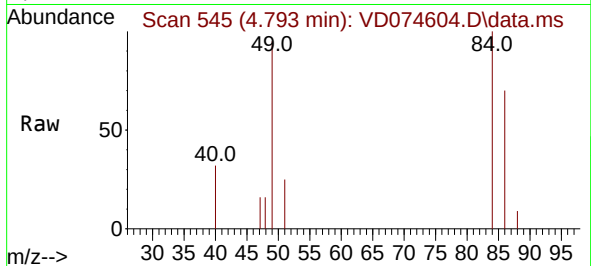


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

Tgt Ion: 84 Resp: 5627

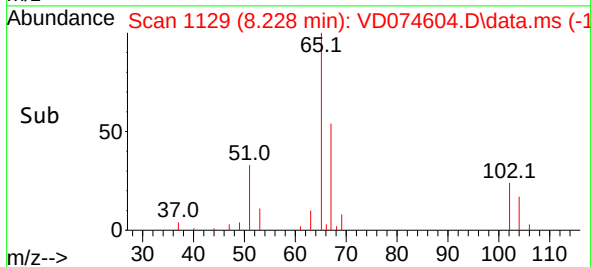
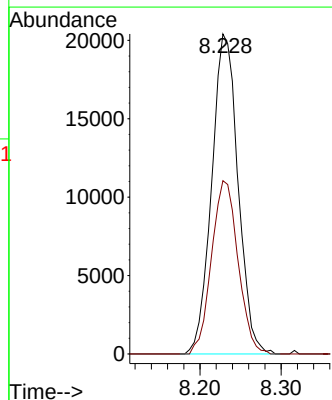
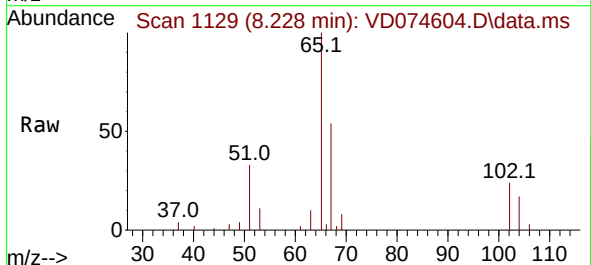
Ion	Ratio	Lower	Upper
84	100		
49	95.0	68.0	102.0
51	24.8	23.2	34.8
86	69.6	48.0	72.0

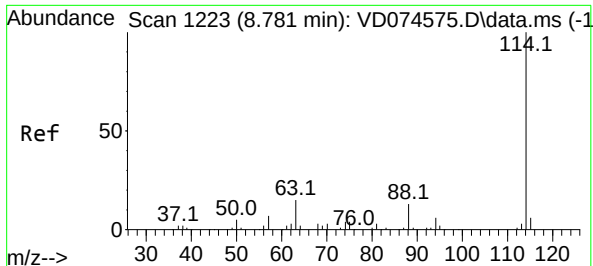


#33
1,2-Dichloroethane-d4
Concen: 61.116 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion: 65 Resp: 45955

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074604.D

Acq: 20 Oct 2022 18:13

Instrument :

MSVOA_D

ClientSampleId :

HFI-CON-1020

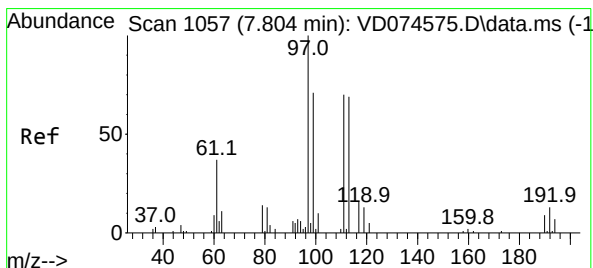
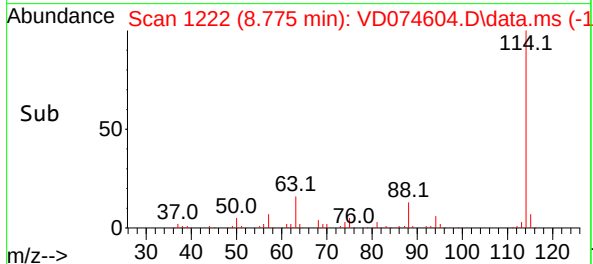
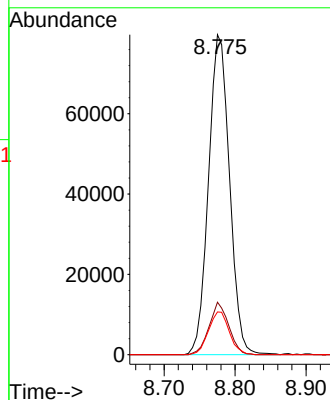
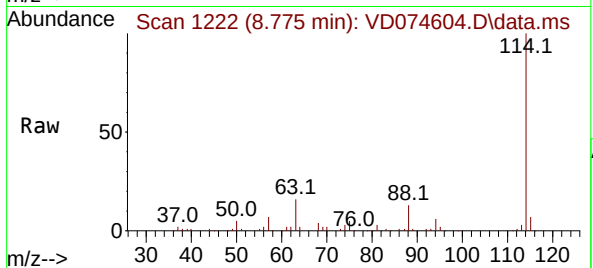
Tgt Ion:114 Resp: 163834

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 24.960 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD074604.D

Acq: 20 Oct 2022 18:13

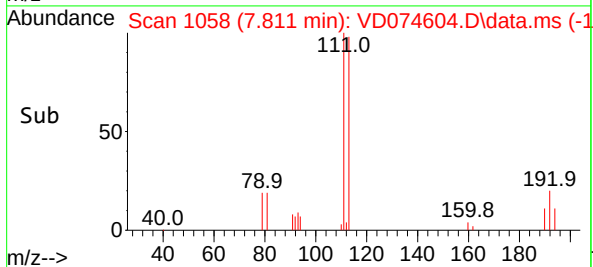
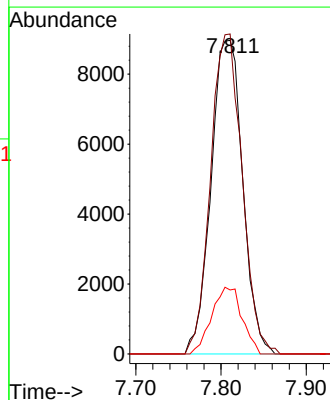
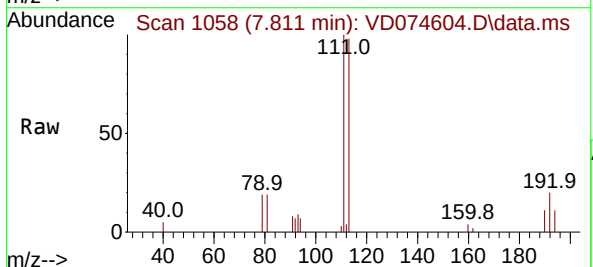
Tgt Ion:113 Resp: 23157

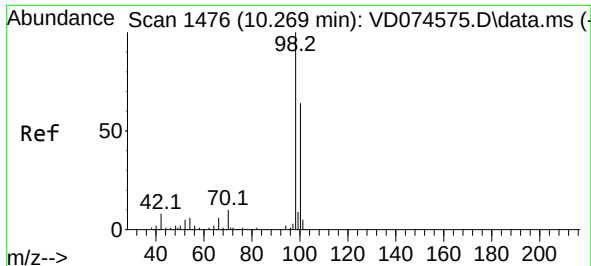
Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

192 20.4 16.4 24.6

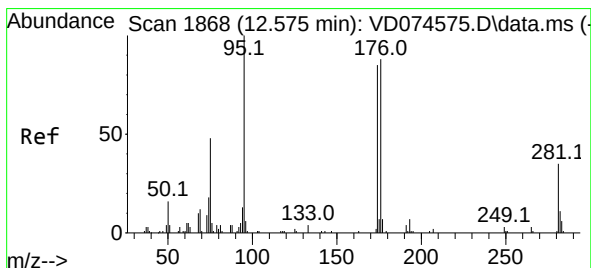
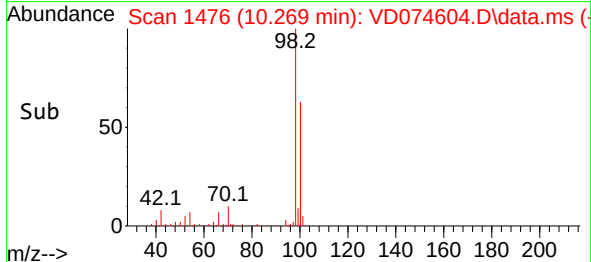
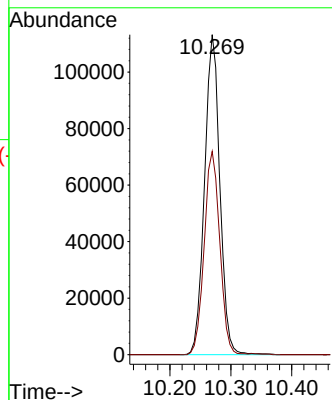
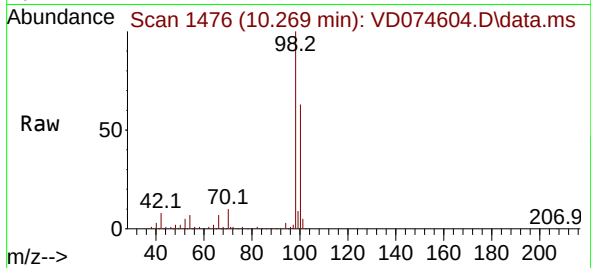




#50
Toluene-d8
Concen: 60.245 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

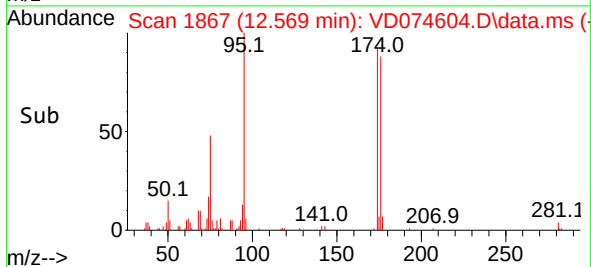
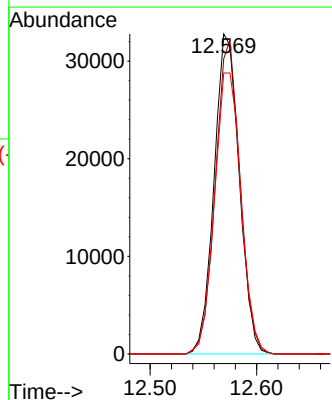
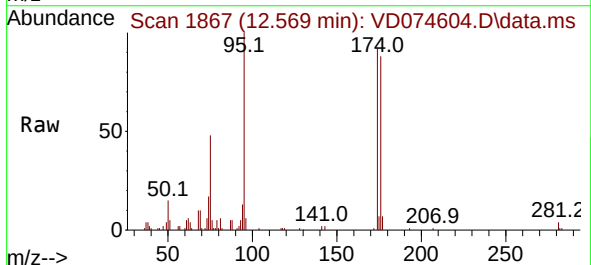
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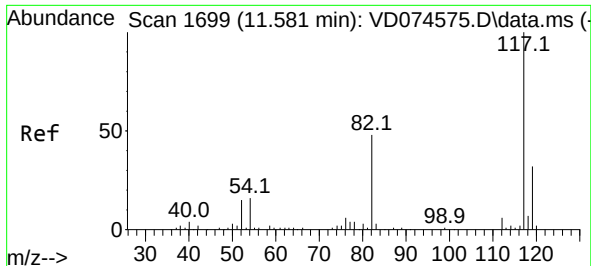
Tgt Ion: 98 Resp: 197553
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion: 95 Resp: 53686
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.0
176 92.9 0.0 182.6

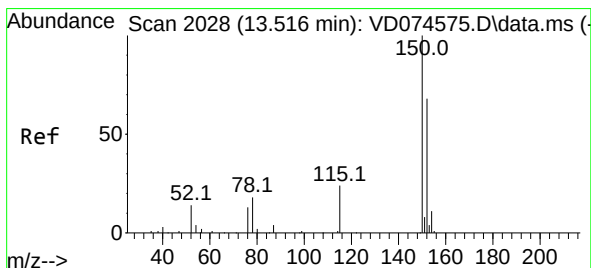
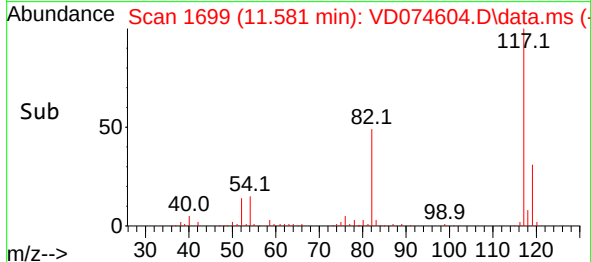
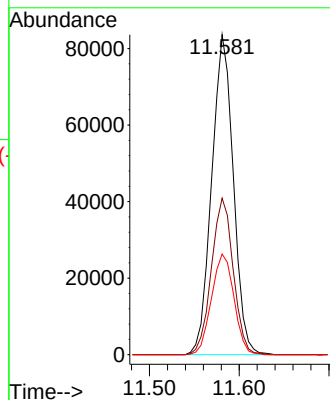
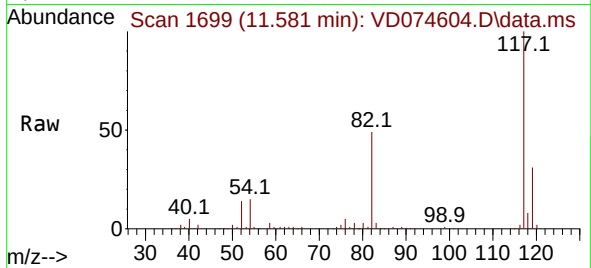




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

Tgt Ion:117 Resp: 139682
Ion Ratio Lower Upper
117 100
82 48.9 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion:152 Resp: 58742
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 158.9 0.0 348.2

