

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)

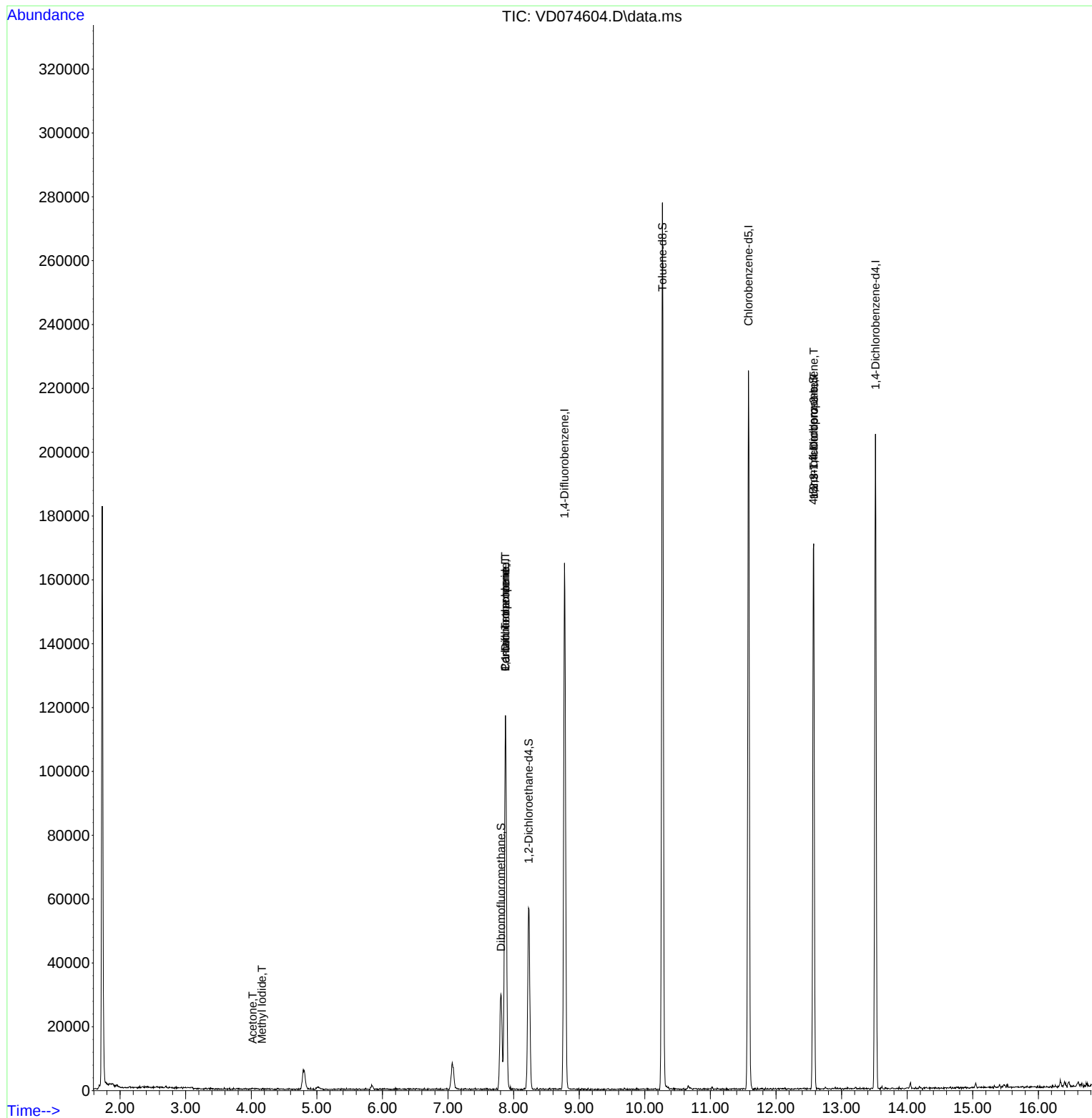
Internal Standards						
1) Pentafluorobenzene	7.875	168	98487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
					Qvalue	
10) Methyl Iodide	4.164	142	195	4.071	ug/l #	43
11) Tert butyl alcohol	5.028	59	143	Below Cal	#	84
16) Acetone	4.023	43	551	3.356	ug/l #	37
20) Methylene Chloride	4.793	84	5627	Below Cal		89
36) 1,1-Dichloropropene	7.875	75	6547	4.448	ug/l #	44
38) Carbon Tetrachloride	7.875	117	9162	6.357	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	26256	51.189	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	26256	130.815	ug/l #	17

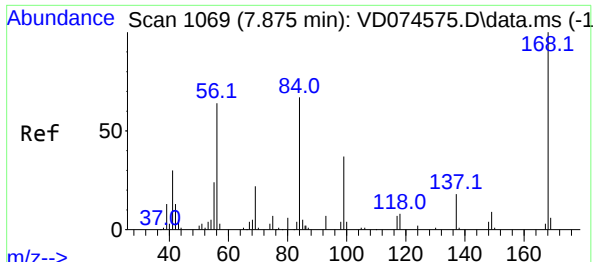
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
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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

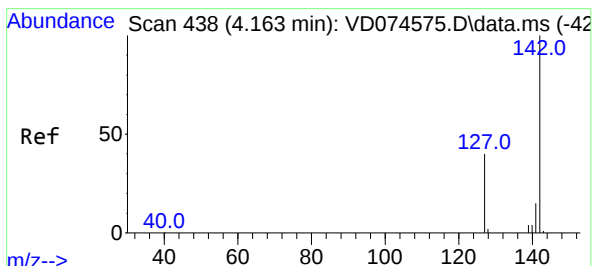
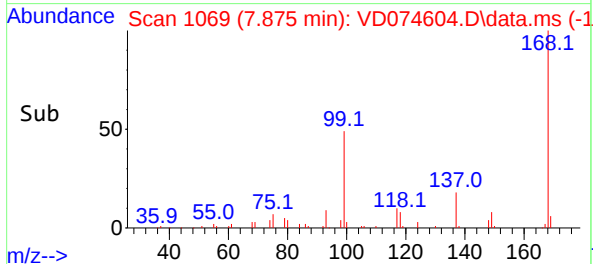
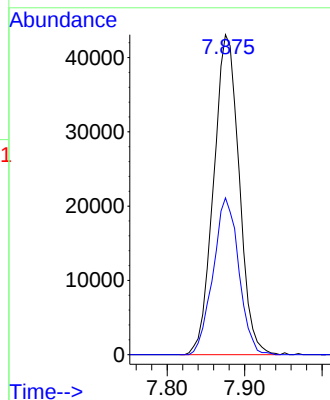
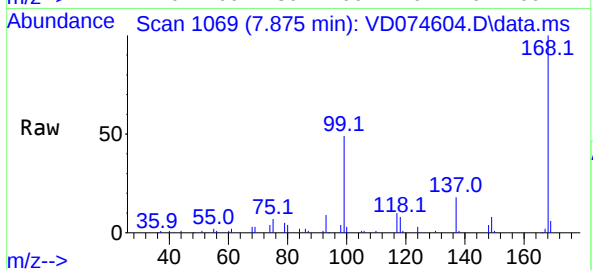




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

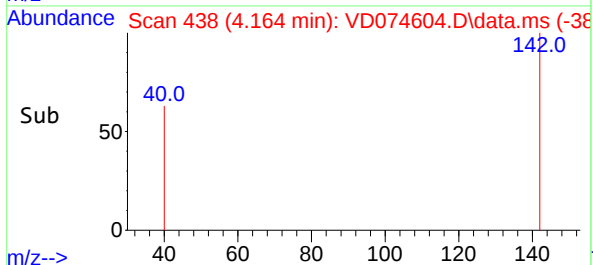
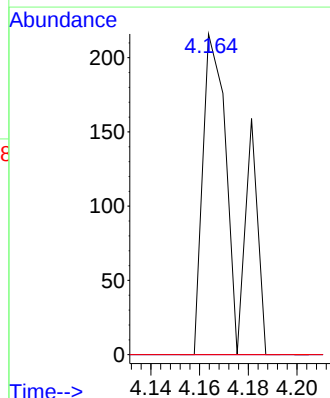
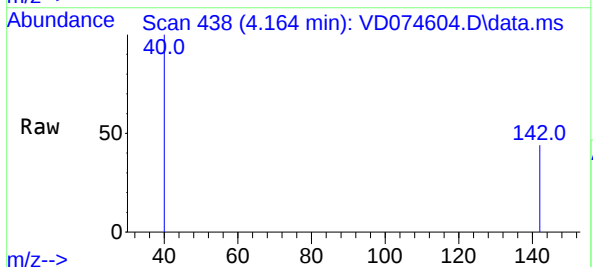
Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

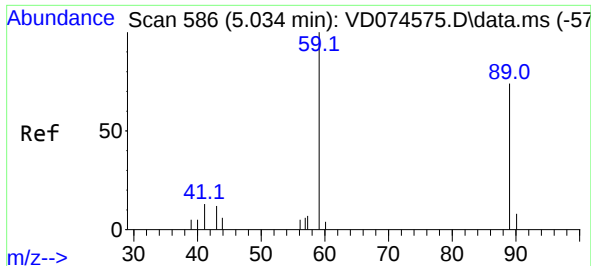
Tgt Ion:168 Resp: 98487
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#10
Methyl Iodide
Concen: 4.071 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

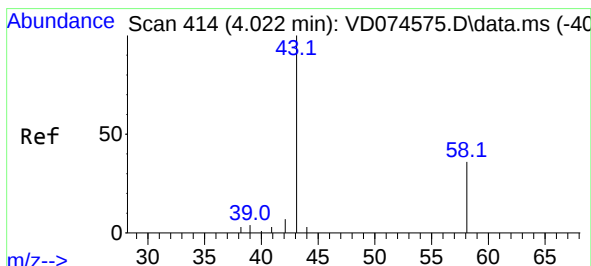
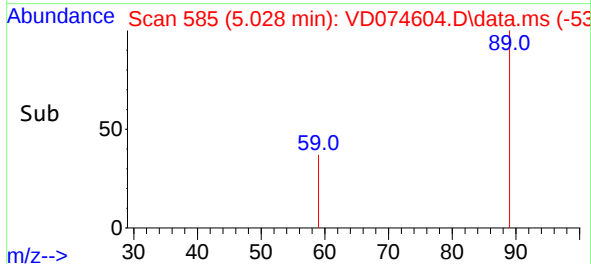
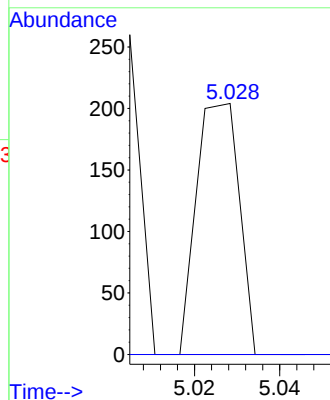
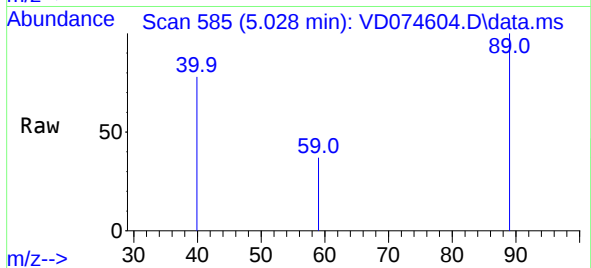




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

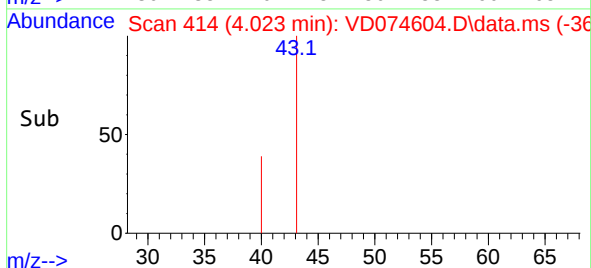
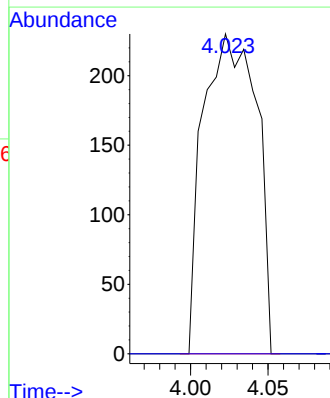
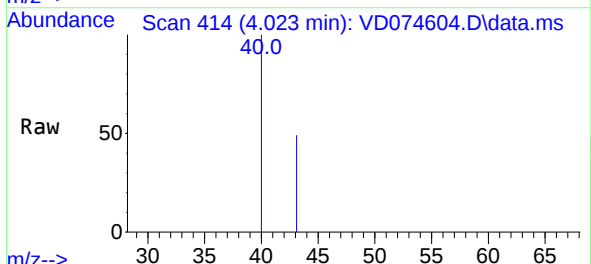
Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

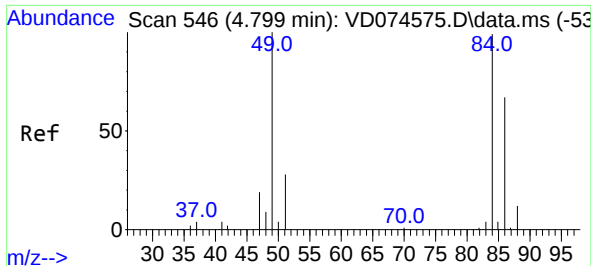
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 3.356 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



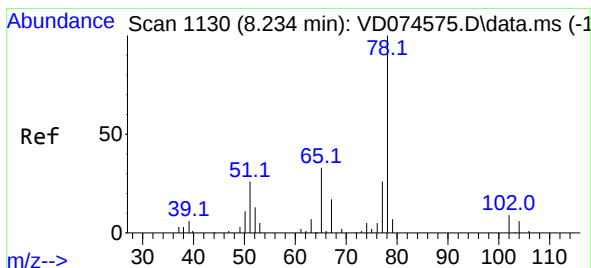
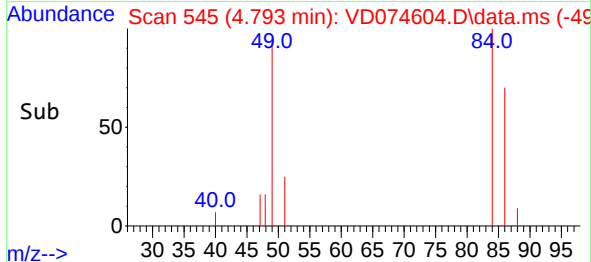
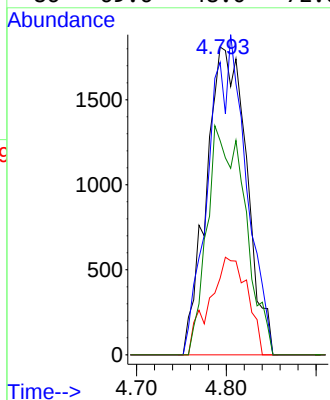
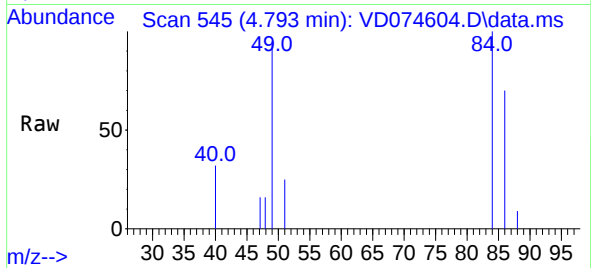


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

Tgt Ion: 84 Resp: 5627

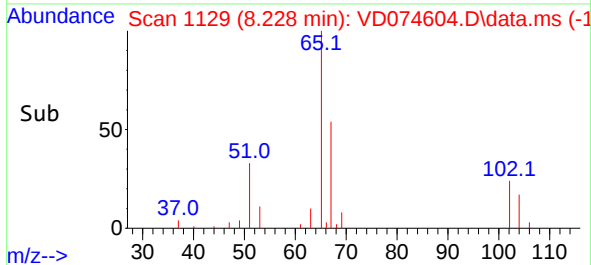
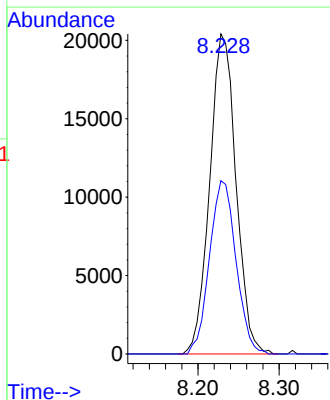
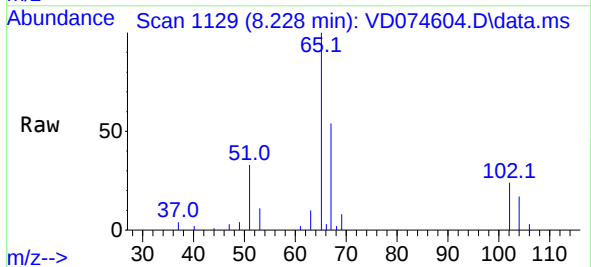
Ion	Ratio	Lower	Upper
84	100		
49	95.0	68.0	102.0
51	24.8	23.2	34.8
86	69.6	48.0	72.0

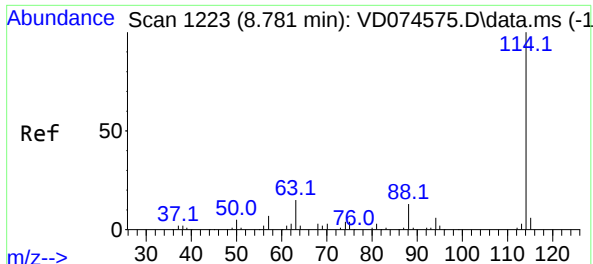


#33
1,2-Dichloroethane-d4
Concen: 61.116 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

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

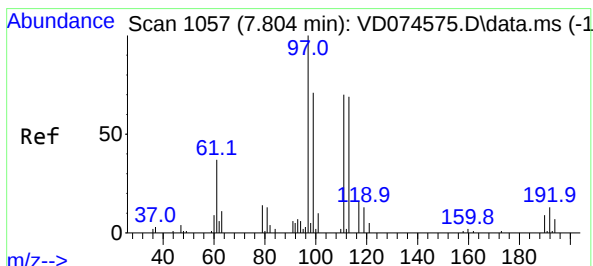
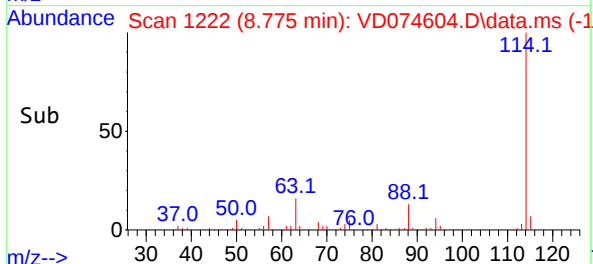
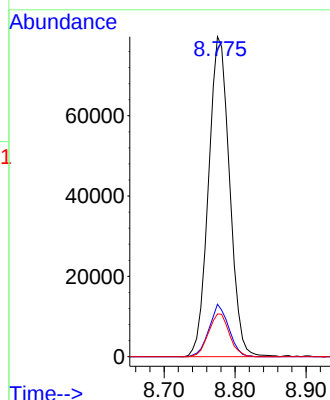
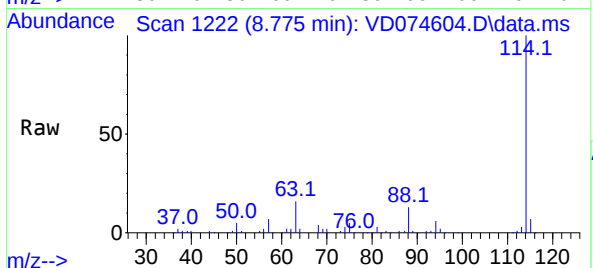
Tgt Ion:114 Resp: 163834

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

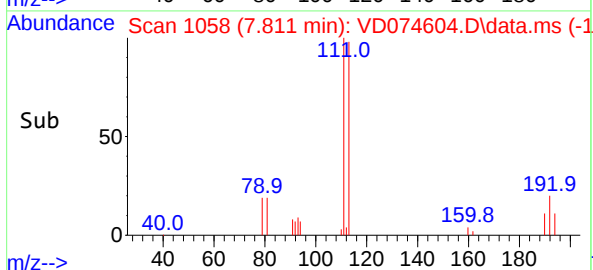
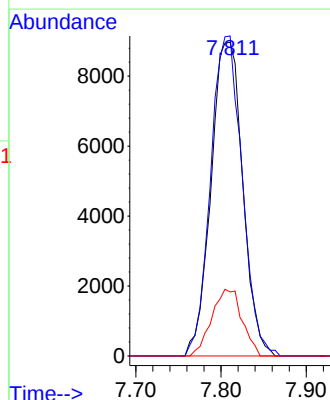
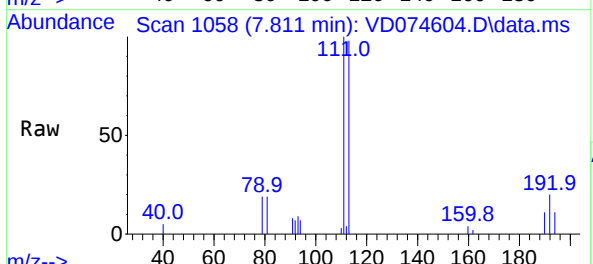
Tgt Ion:113 Resp: 23157

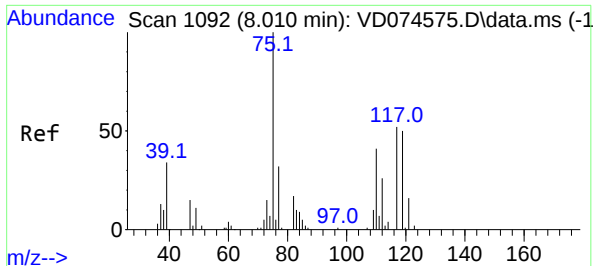
Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

192 20.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.448 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074604.D

Acq: 20 Oct 2022 18:13

Instrument :

MSVOA_D

ClientSampleId :

HFI-CON-1020

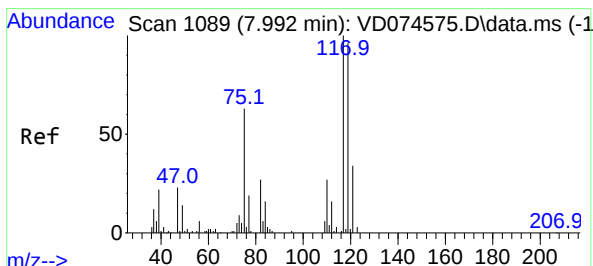
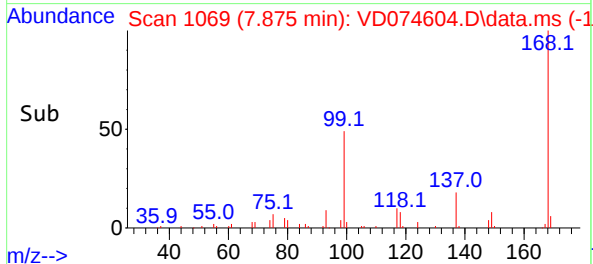
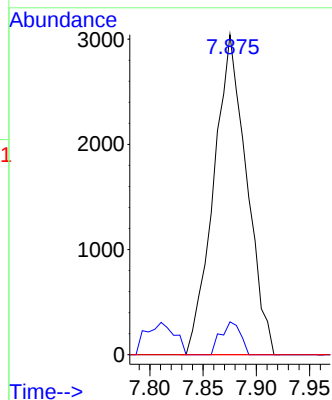
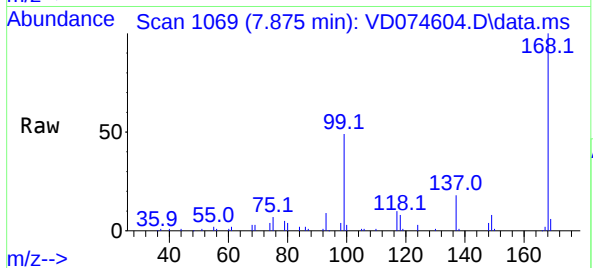
Tgt Ion: 75 Resp: 6547

Ion Ratio Lower Upper

75 100

110 6.1 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074604.D

Acq: 20 Oct 2022 18:13

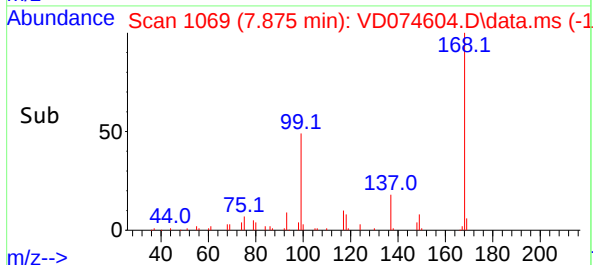
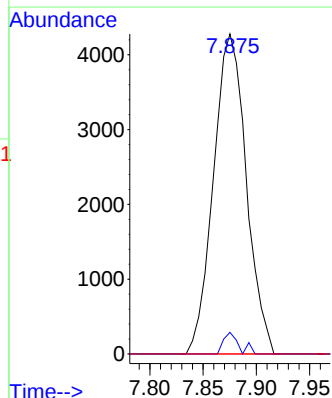
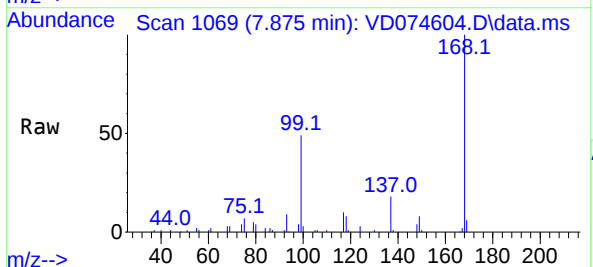
Tgt Ion: 117 Resp: 9162

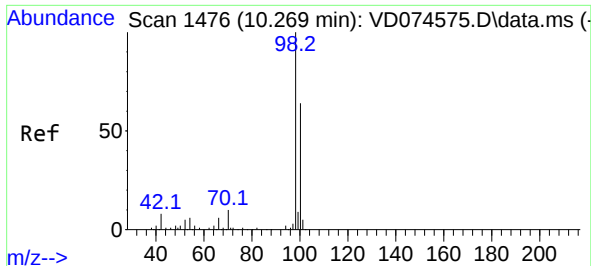
Ion Ratio Lower Upper

117 100

119 6.8 73.1 109.7#

121 0.0 25.0 37.6#

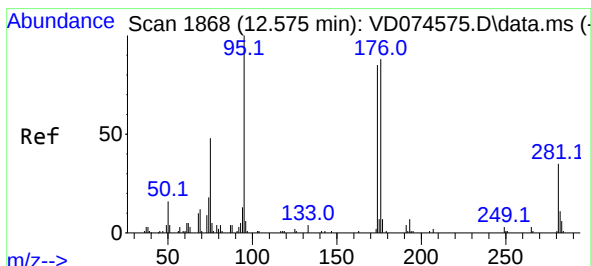
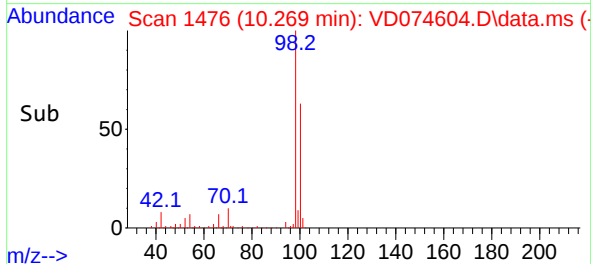
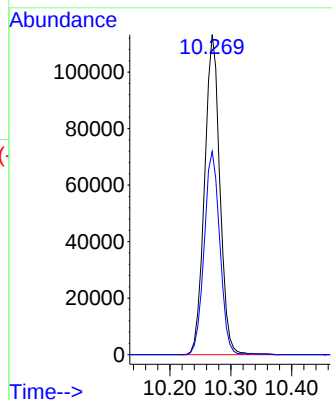
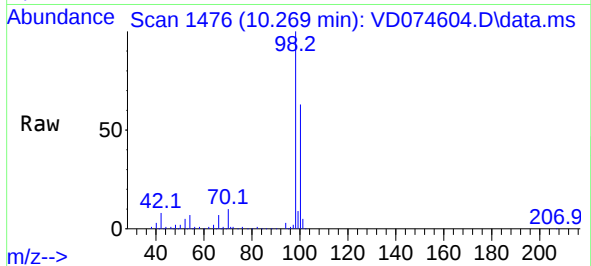




#50
Toluene-d8
Concen: 60.245 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

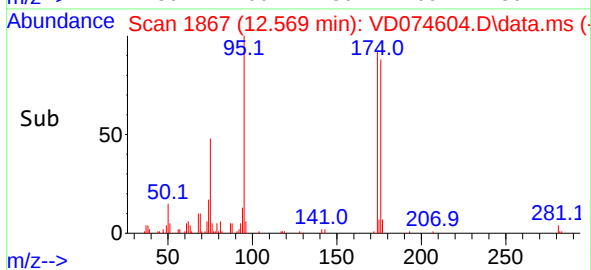
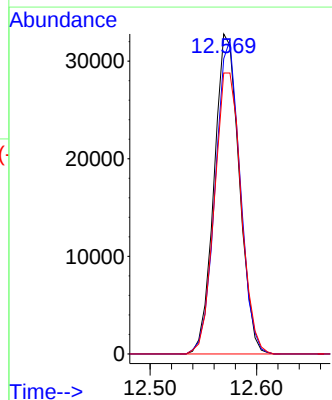
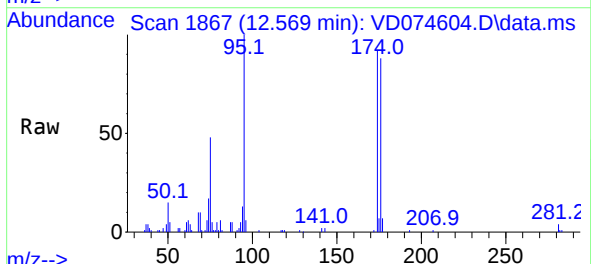
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HFI-CON-1020

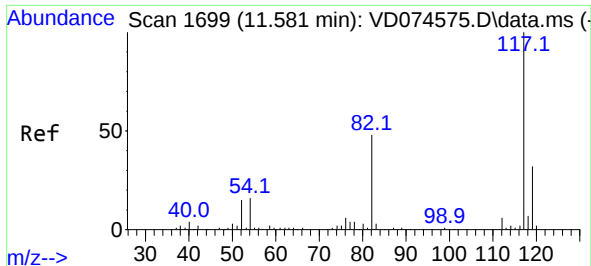
Tgt Ion: 98 Resp: 197553
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#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

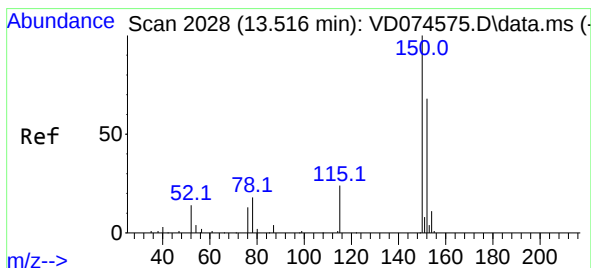
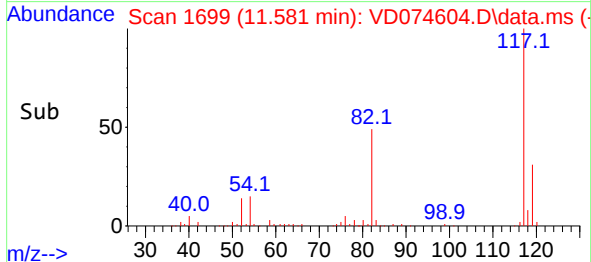
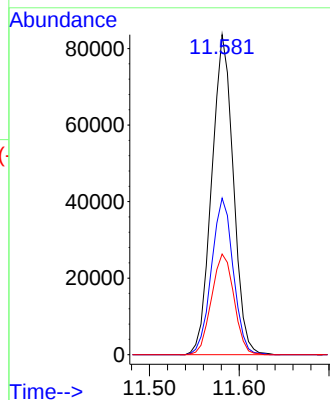
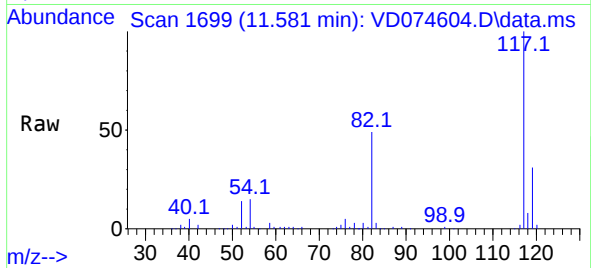




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

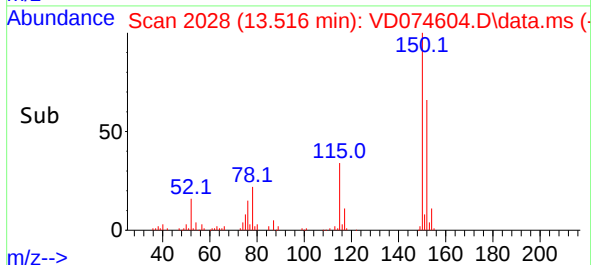
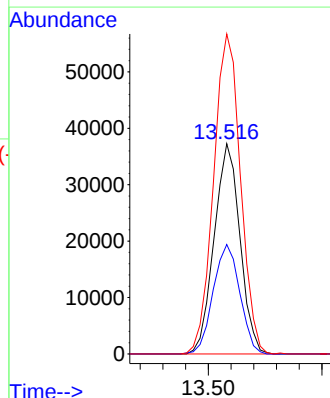
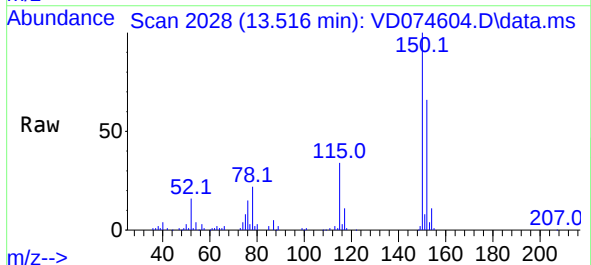
Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

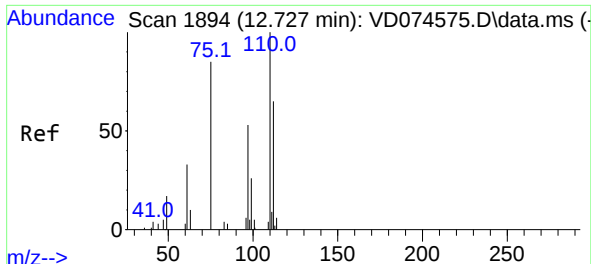
Tgt Ion:117 Resp: 139682
Ion Ratio Lower Upper
117 100
82 48.9 41.6 62.4
119 31.4 25.2 37.8



#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

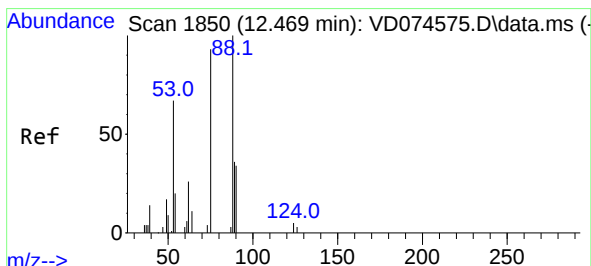
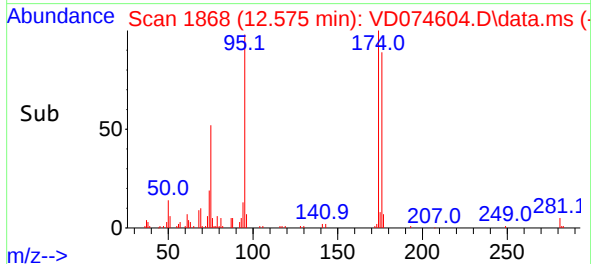
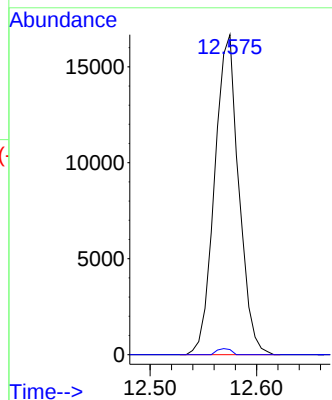
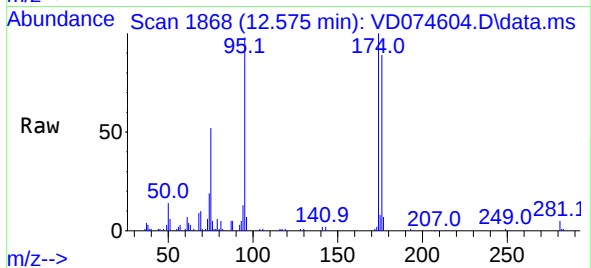




#76
1,2,3-Trichloropropane
Concen: 51.189 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

Tgt Ion: 75 Resp: 26256
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.815 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074604.D
Acq: 20 Oct 2022 18:13

Tgt Ion: 75 Resp: 26256
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

