

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077889.D
 Acq On : 25 May 2023 08:11
 Operator : JC\MD
 Sample : 02888-01
 Misc : 4.99g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-H4(BHF)

Quant Time: May 25 08:36:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	413768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	704092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	373366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	263527	42.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.140%
35) Dibromofluoromethane	8.171	113	219075	44.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	10.577	98	1001975	52.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.900%
62) 4-Bromofluorobenzene	12.859	95	403293	60.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	867	Below Cal	#	1
13) Acrolein	4.212	56	150	Below Cal	#	16
14) Allyl chloride	5.136	41	16625	2.600	ug/l #	19
15) Acrylonitrile	5.712	53	649	0.284	ug/l #	29
16) Acetone	4.465	43	676	0.347	ug/l #	73
17) Carbon Disulfide	4.689	76	8447	0.720	ug/l #	95
18) Methyl Acetate	5.077	43	3262	0.399	ug/l #	42
20) Methylene Chloride	5.271	84	4259	Below Cal	#	90
23) Vinyl Acetate	6.589	43	8642	0.931	ug/l #	62
25) 2-Butanone	7.506	43	6959	2.284	ug/l #	60
26) 2,2-Dichloropropane	7.318	77	1672	0.214	ug/l #	53
29) Tetrahydrofuran	7.865	42	2160	1.083	ug/l #	28
30) Chloroform	8.000	83	7483	0.741	ug/l	99
31) Cyclohexane	8.224	56	148947	17.701	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	34626	4.815	ug/l #	47
37) Ethyl Acetate	7.506	43	6959	1.086	ug/l #	67
38) Carbon Tetrachloride	8.224	117	45659	6.288	ug/l #	15
39) Methylcyclohexane	9.606	83	1297734	147.416	ug/l	92
40) Benzene	8.612	78	16606982	782.629	ug/l	98
41) Methacrylonitrile	7.842	41	4770	1.398	ug/l #	1
42) 1,2-Dichloroethane	8.612	62	143928	18.672	ug/l #	73
43) Isopropyl Acetate	8.706	43	52889	5.052	ug/l #	49
44) Trichloroethene	9.353	130	1424	0.265	ug/l	67
45) 1,2-Dichloropropane	9.594	63	14520	2.683	ug/l #	1
46) Dibromomethane	9.665	93	2812	0.726	ug/l #	1
48) Methyl methacrylate	9.606	41	616687	124.247	ug/l #	58
51) 4-Methyl-2-Pentanone	10.347	43	485804	78.070	ug/l #	36
53) t-1,3-Dichloropropene	10.641	75	529760	67.467	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	168974	32.215	ug/l #	24
56) Ethyl methacrylate	10.871	69	36295	4.576	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.171	63	4435	1.137	ug/l #	42
59) 2-Hexanone	11.177	43	185318	40.263	ug/l #	23
68) m/p-Xylenes	11.971	106	13628355	1314.902	ug/l #	1
69) o-Xylene	12.406	106	11484689	1126.728	ug/l	71
70) Styrene	12.412	104	1157800	71.503	ug/l #	1
71) Bromoform	12.847	173	839	0.239	ug/l #	1

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

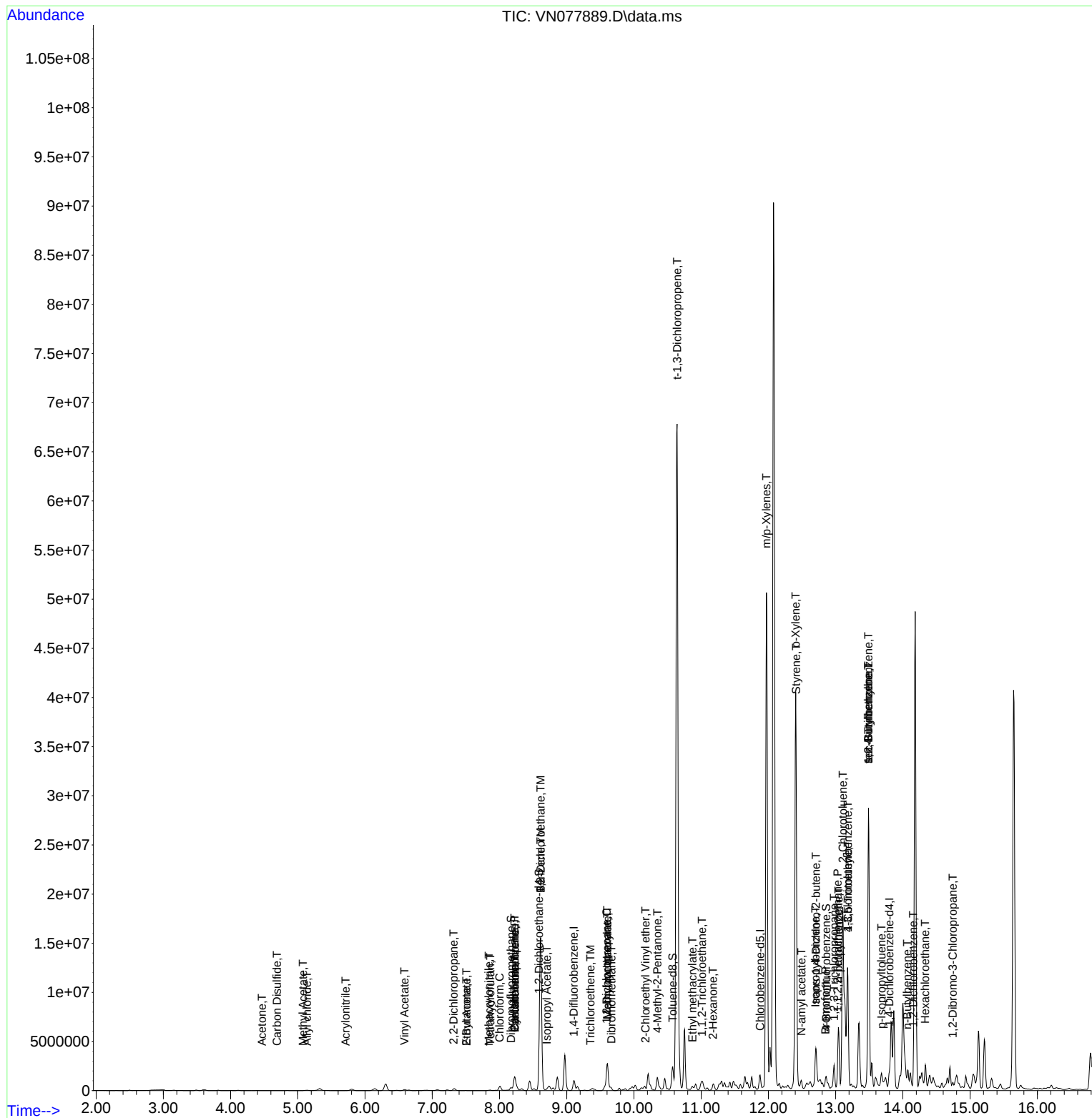
73) Isopropylbenzene	12.700	105	2132640	66.264	ug/l	100
74) N-amyl acetate	12.488	43	131156	11.025	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	13.029	83	16082	1.624	ug/l #	26
76) 1,2,3-Trichloropropane	12.977	75	17108	1.830	ug/l #	1
78) n-propylbenzene	13.041	91	5031530	132.607	ug/l	99
79) 2-Chlorotoluene	13.106	91	1413195	62.416	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.182	105	5687088	210.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.706	75	25874	8.845	ug/l #	1
82) 4-Chlorotoluene	13.182	91	598858	26.584	ug/l #	41
83) tert-Butylbenzene	13.488	119	2023075	85.672	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.488	105	15101700	567.671	ug/l	93
85) sec-Butylbenzene	13.488	105	15101700	449.993	ug/l #	57
86) p-Isopropyltoluene	13.682	119	614082	22.952	ug/l	96
89) n-Butylbenzene	14.065	91	376688	15.307	ug/l #	82
90) Hexachloroethane	14.329	117	284893	64.818	ug/l #	21
91) 1,2-Dichlorobenzene	14.153	146	4169	0.329	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.741	75	4086	2.132	ug/l #	4

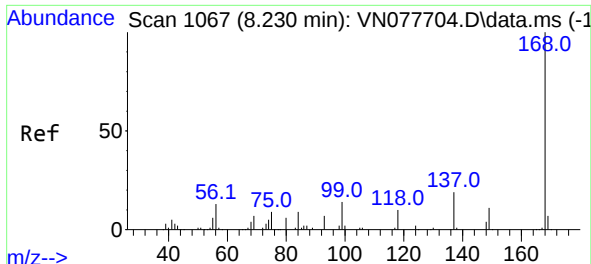
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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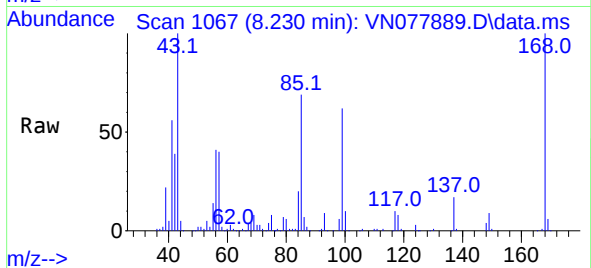
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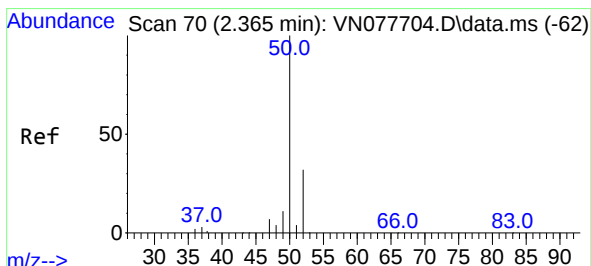
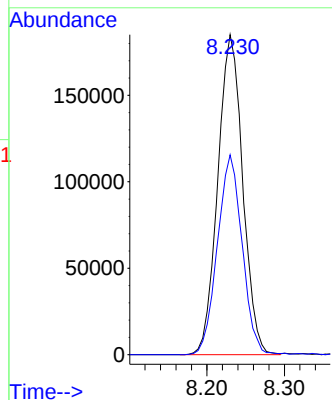
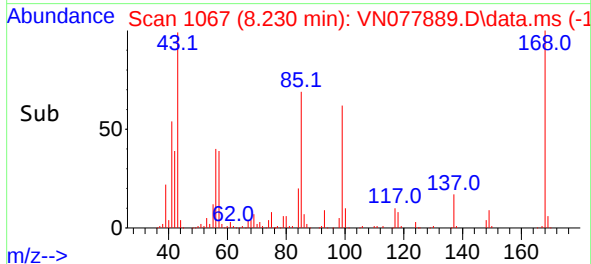


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

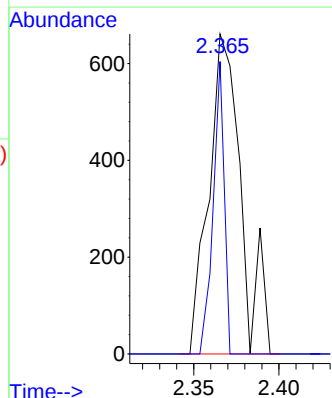
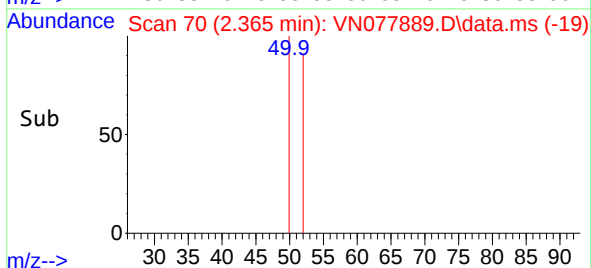
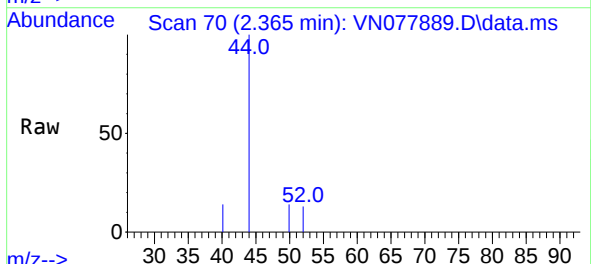


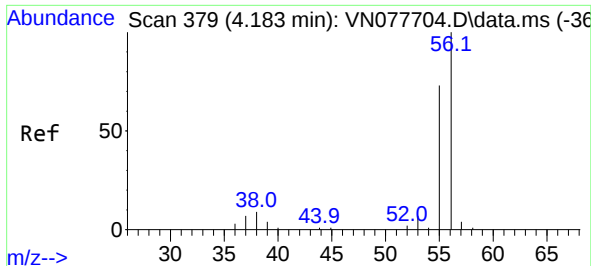
Tgt Ion:168 Resp: 413768
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 50 Resp: 867
Ion Ratio Lower Upper
50 100
52 91.4 26.5 39.7#





#13

Acrolein

Concen: Below Cal

RT: 4.212 min Scan# 31

Delta R.T. 0.023 min

Lab File: VN077889.D

Acq: 25 May 2023 08:11

Instrument :

MSVOA_N

ClientSampleId :

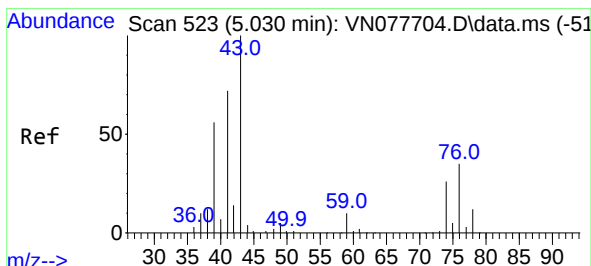
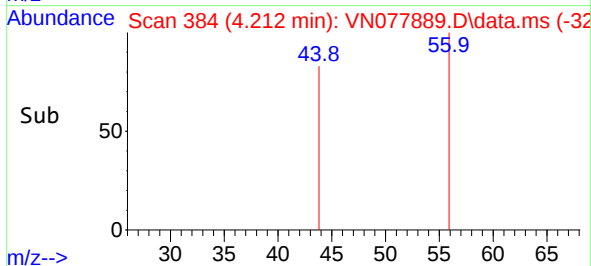
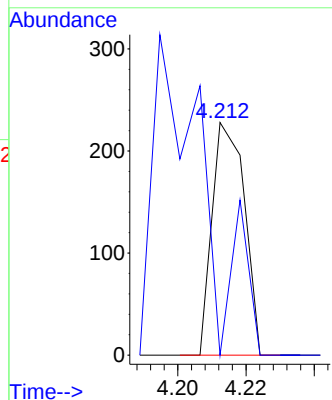
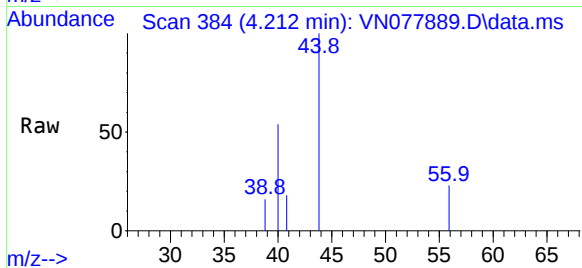
S-H4(BHF)

Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#14

Allyl chloride

Concen: 2.600 ug/l

RT: 5.136 min Scan# 541

Delta R.T. 0.112 min

Lab File: VN077889.D

Acq: 25 May 2023 08:11

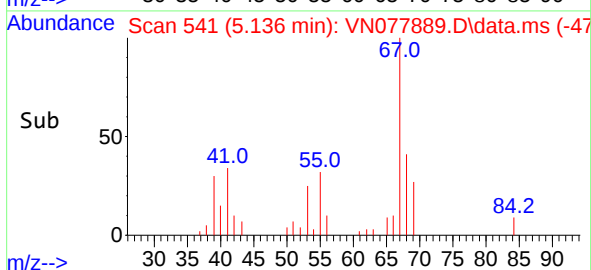
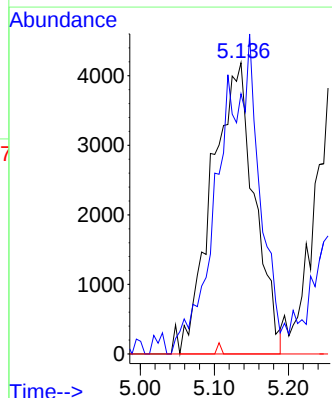
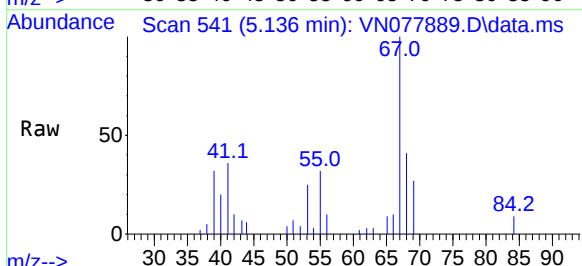
Tgt Ion: 41 Resp: 16625

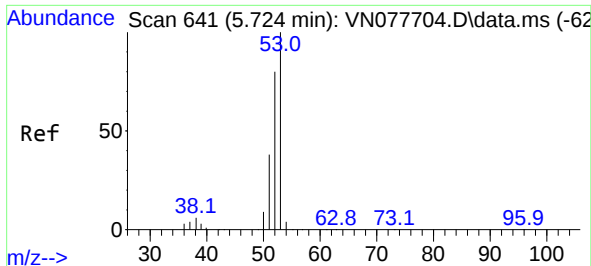
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 0.0 39.1 58.7#

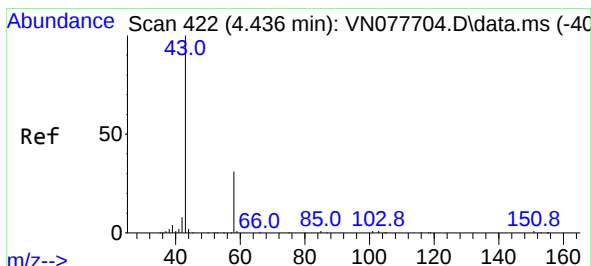
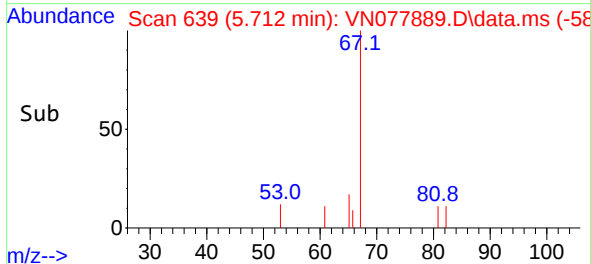
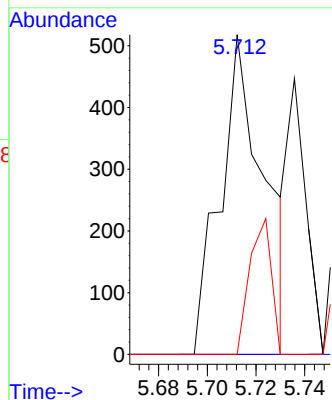
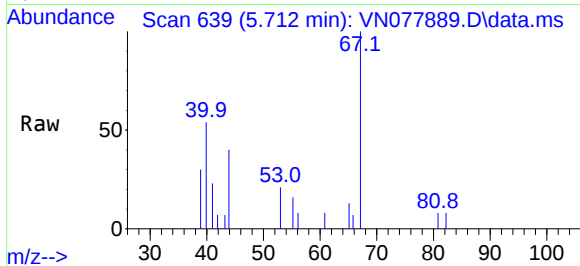




#15
Acrylonitrile
Concen: 0.284 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

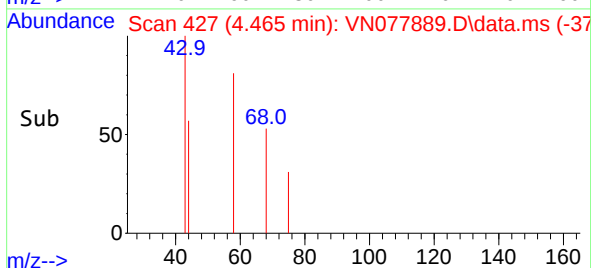
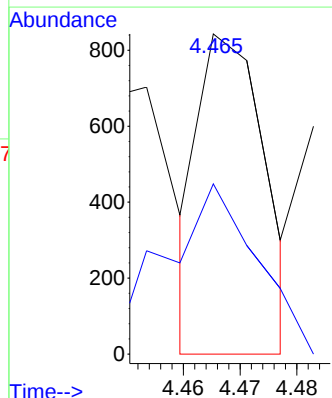
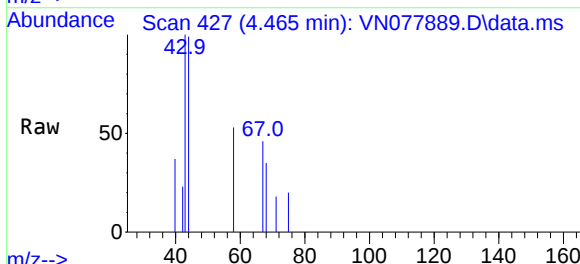
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

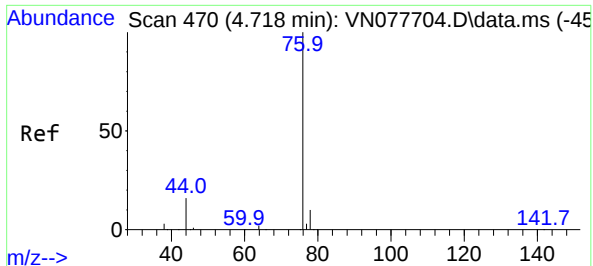
Tgt Ion: 53 Resp: 649
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 20.8 28.9 43.3#



#16
Acetone
Concen: 0.347 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 50.6 28.0 42.0#

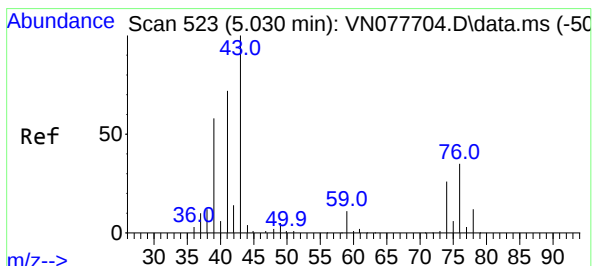
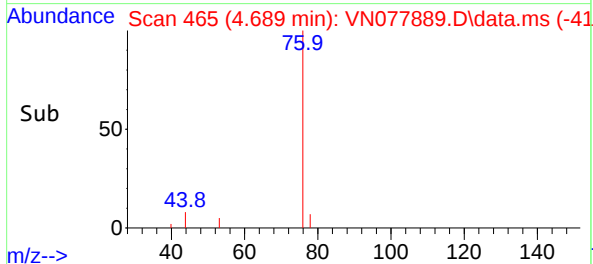
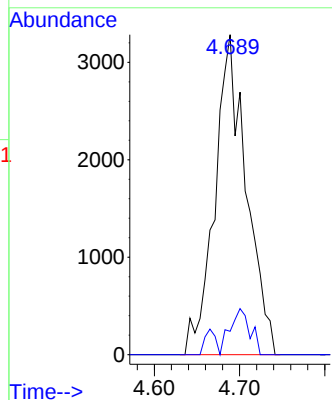
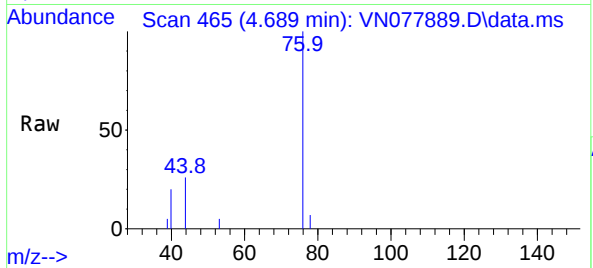




#17
Carbon Disulfide
Concen: 0.720 ug/l
RT: 4.689 min Scan# 41
Delta R.T. -0.023 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

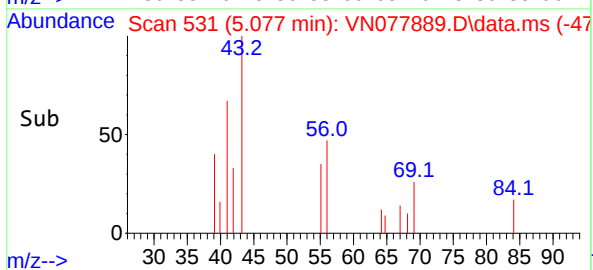
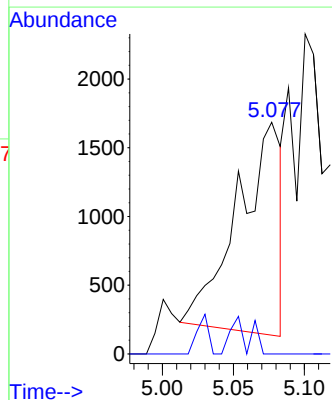
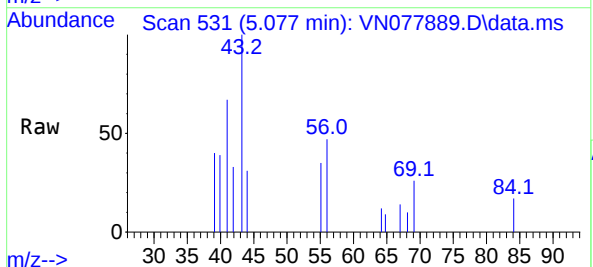
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ClientSampleId :
S-H4(BHF)

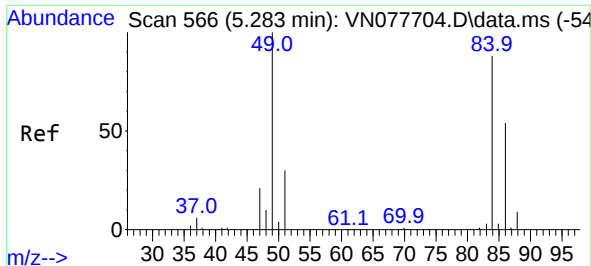
Tgt Ion: 76 Resp: 8447
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#18
Methyl Acetate
Concen: 0.399 ug/l
RT: 5.077 min Scan# 531
Delta R.T. 0.041 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#

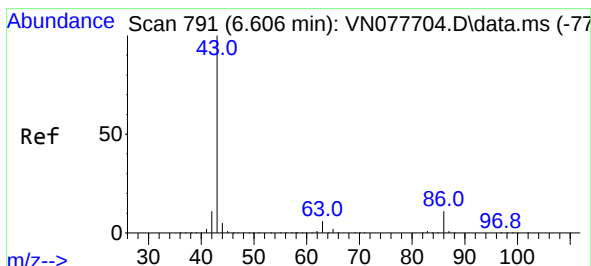
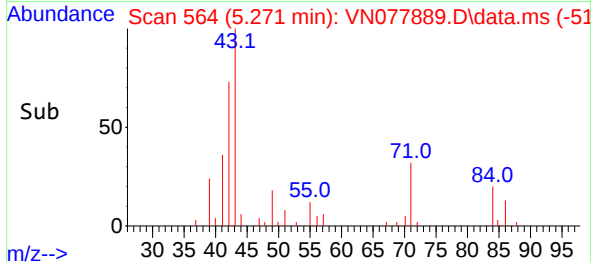
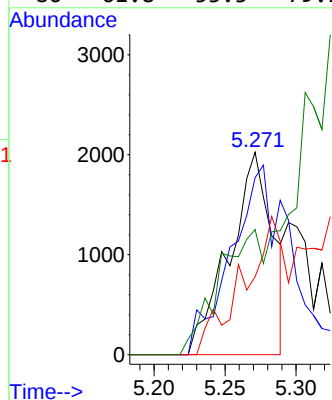
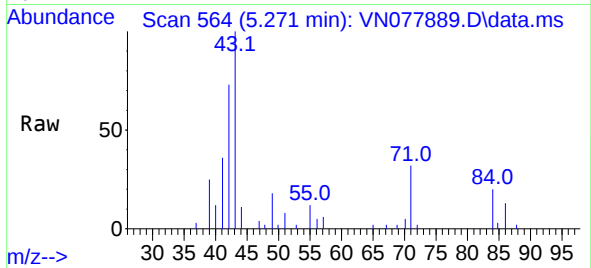




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

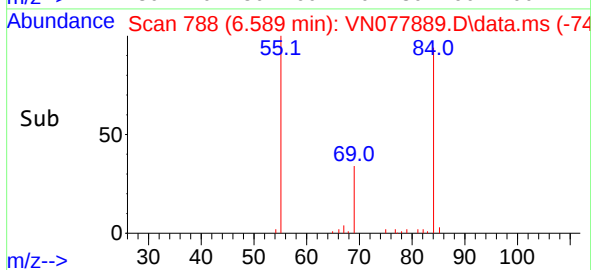
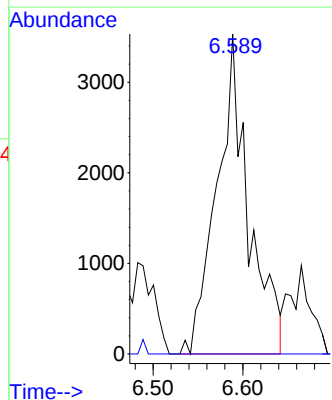
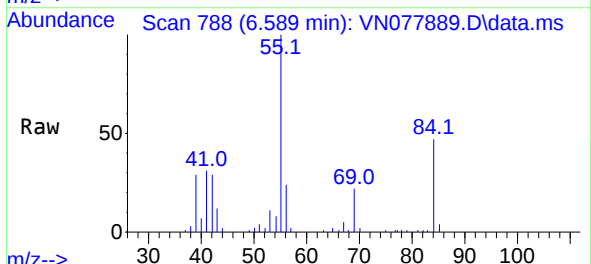
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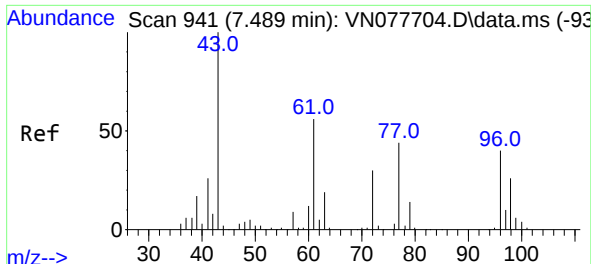
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Ion Ratio Lower Upper
84 100
49 87.4 79.7 119.5
51 38.5 25.2 37.8#
86 61.8 53.3 79.9



#23
Vinyl Acetate
Concen: 0.931 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.017 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 43 Resp: 8642
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

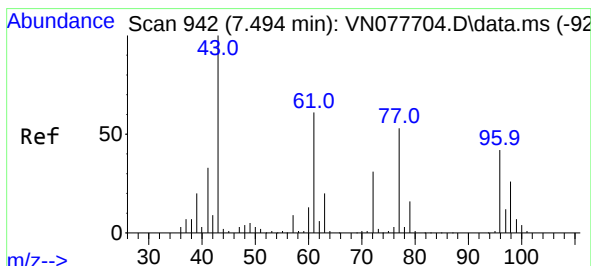
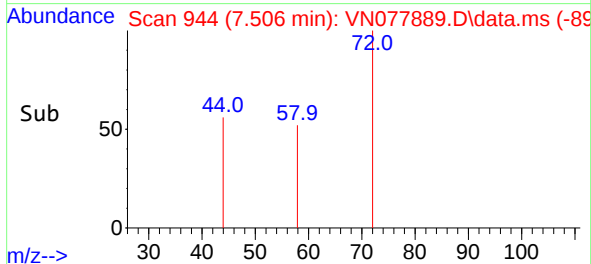
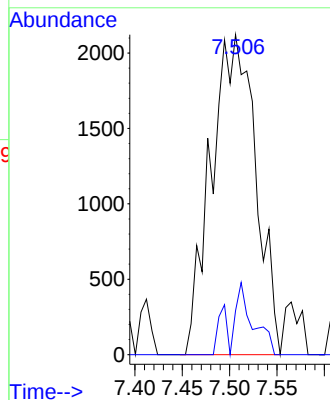
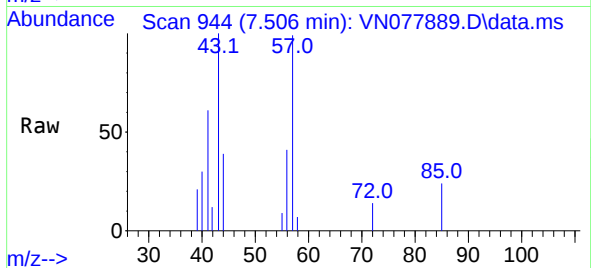




#25
2-Butanone
Concen: 2.284 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

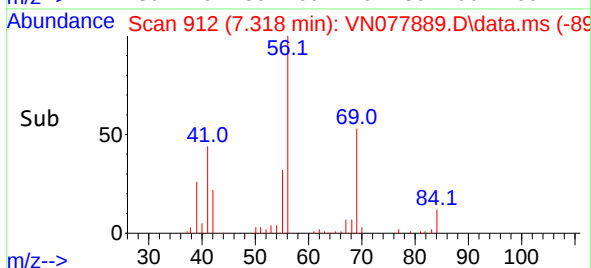
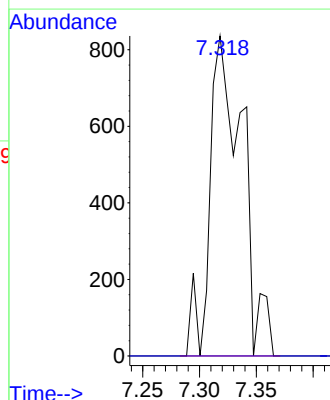
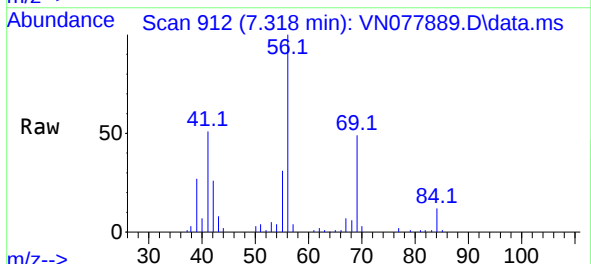
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

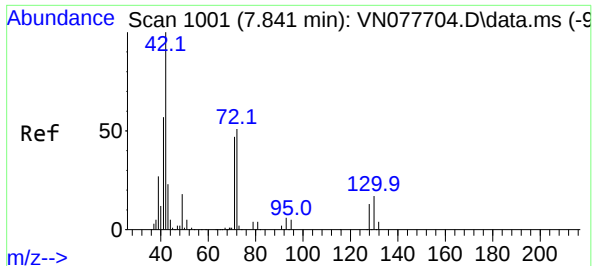
Tgt Ion: 43 Resp: 6959
Ion Ratio Lower Upper
43 100
72 13.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.214 ug/l
RT: 7.318 min Scan# 912
Delta R.T. -0.182 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 77 Resp: 1672
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 1.083 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.024 min

Lab File: VN077889.D

Acq: 25 May 2023 08:11

Instrument :

MSVOA_N

ClientSampleId :

S-H4(BHF)

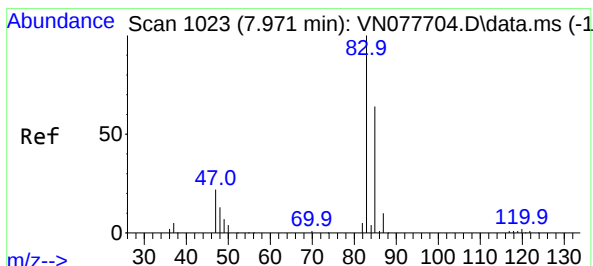
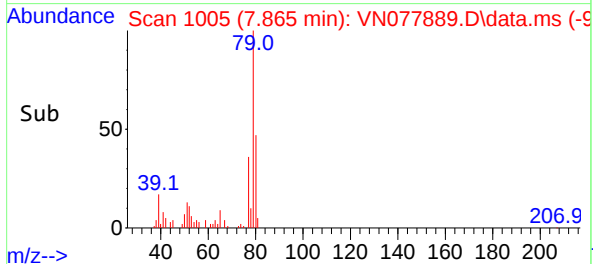
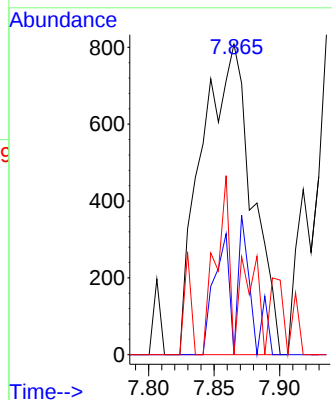
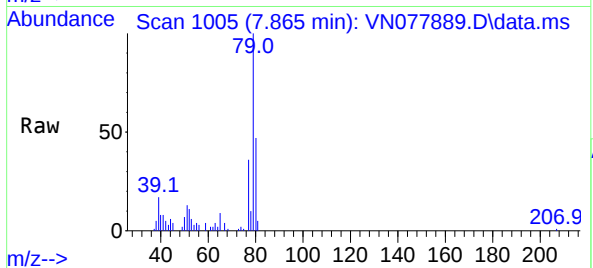
Tgt Ion: 42 Resp: 2160

Ion Ratio Lower Upper

42 100

72 11.6 49.8 74.6#

71 0.0 47.4 71.2#



#30

Chloroform

Concen: 0.741 ug/l

RT: 8.000 min Scan# 1028

Delta R.T. 0.029 min

Lab File: VN077889.D

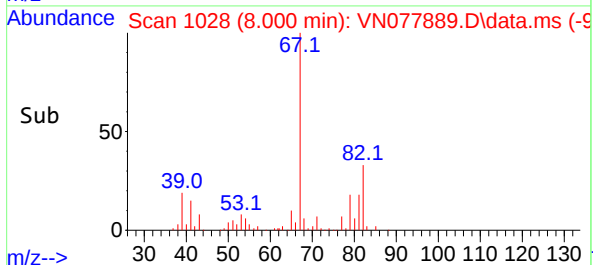
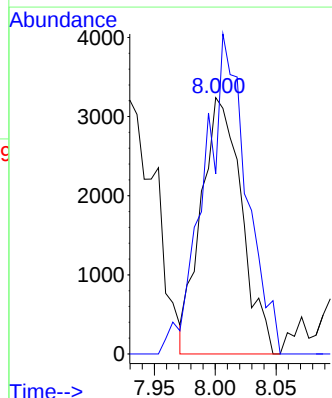
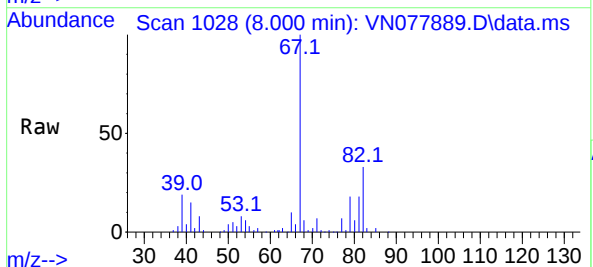
Acq: 25 May 2023 08:11

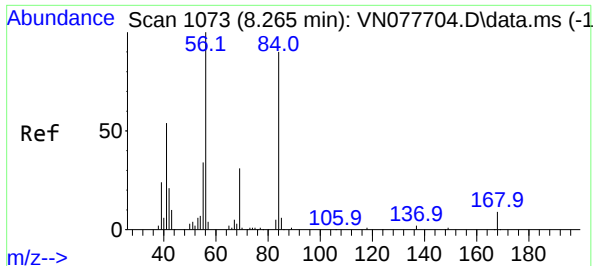
Tgt Ion: 83 Resp: 7483

Ion Ratio Lower Upper

83 100

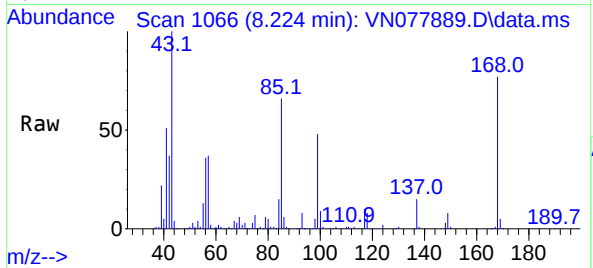
85 70.2 55.4 83.0



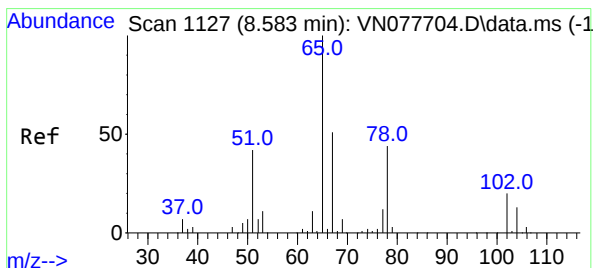
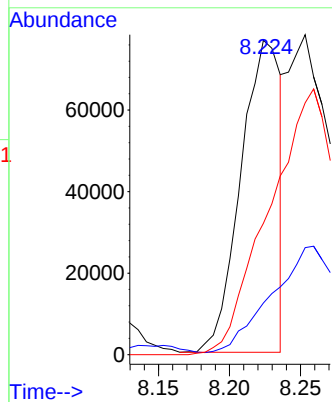
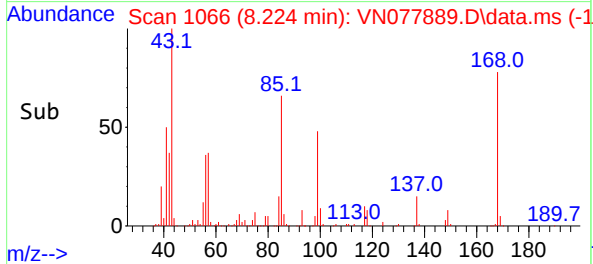


#31
Cyclohexane
Concen: 17.701 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

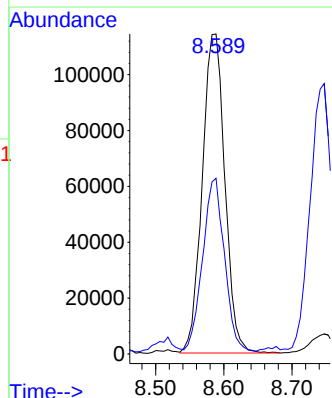
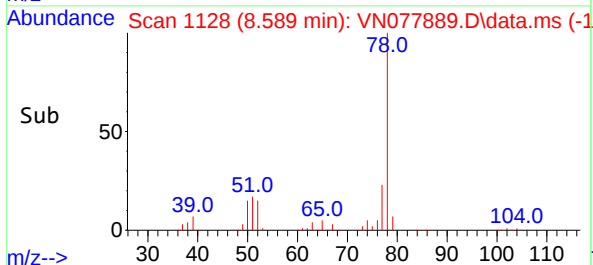
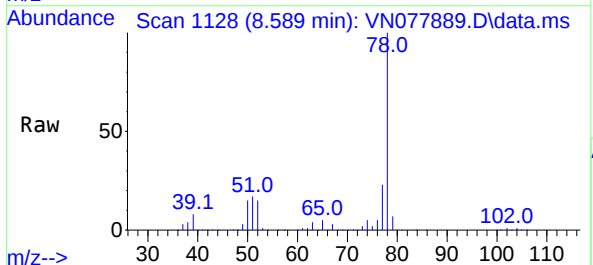


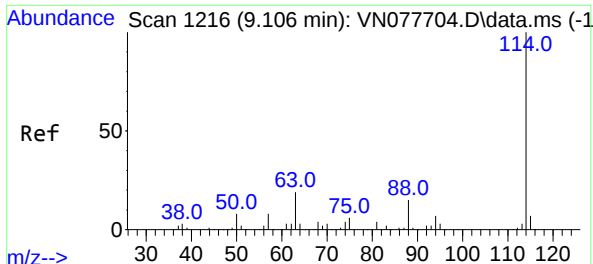
Tgt Ion: 56 Resp: 148947
Ion Ratio Lower Upper
56 100
69 14.8 26.8 40.2#
84 42.1 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 42.566 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 65 Resp: 263527
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

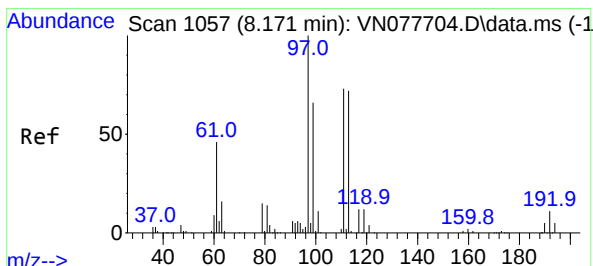
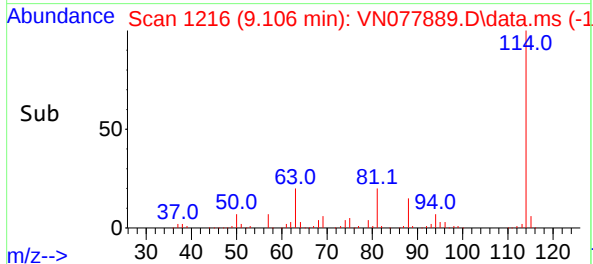
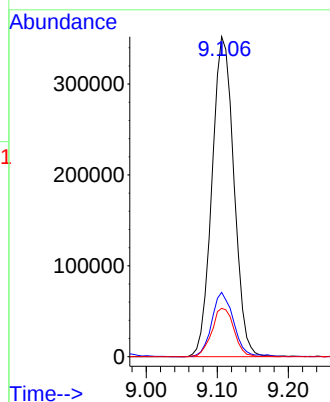
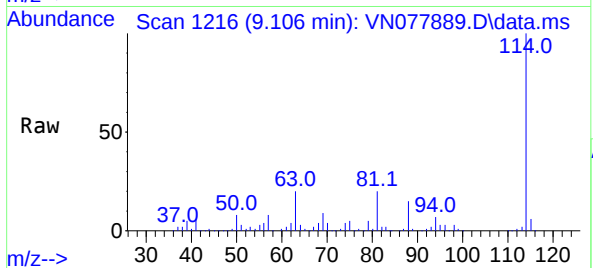




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

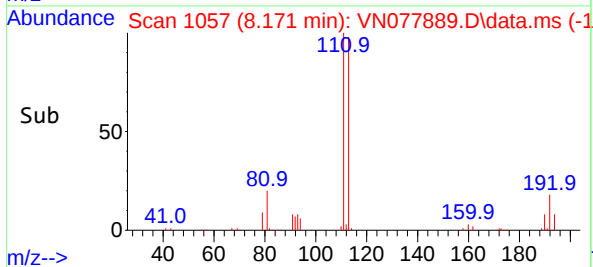
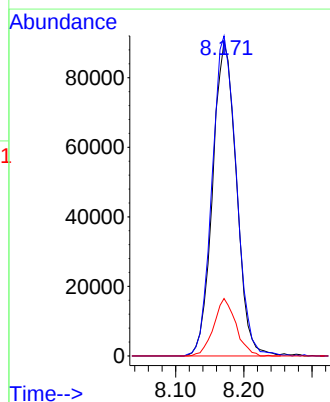
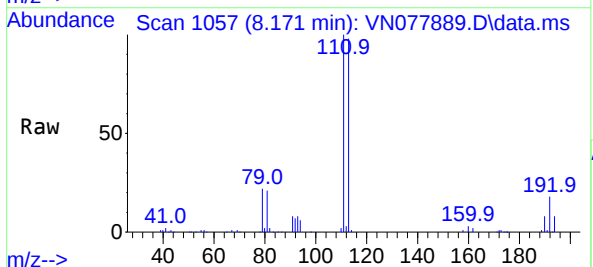
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

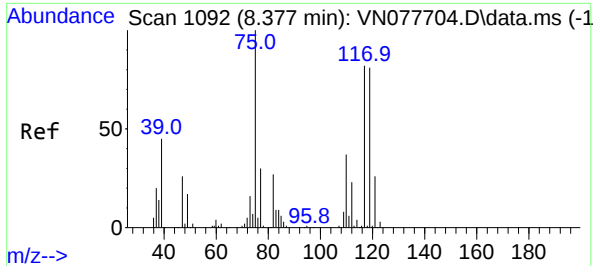
Tgt Ion:114 Resp: 753914
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.562 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:113 Resp: 219075
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.1 12.7 19.1

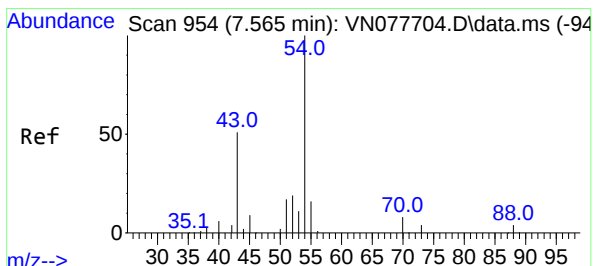
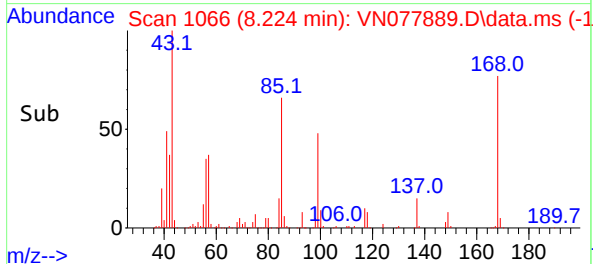
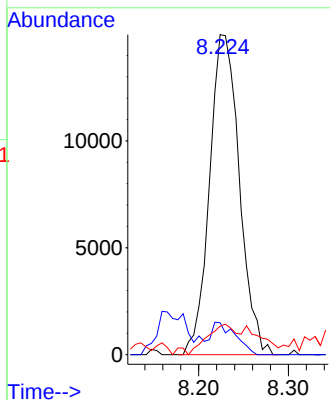
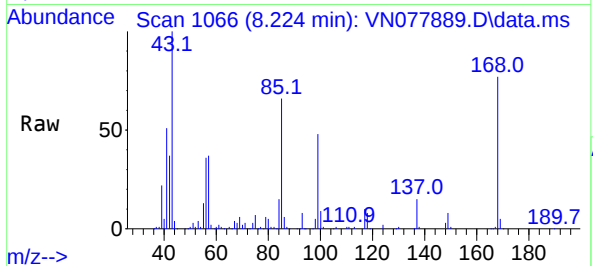




#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

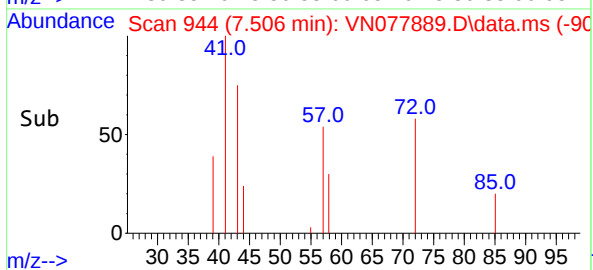
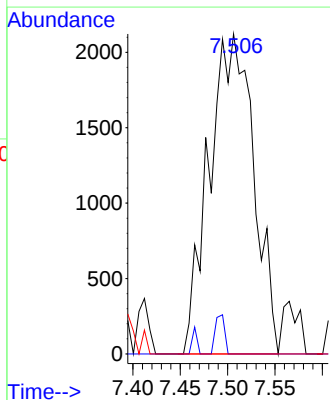
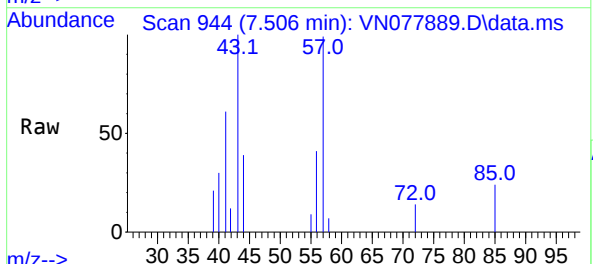
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

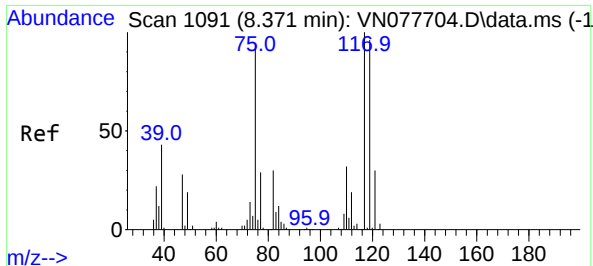
Tgt Ion:	75	Resp:	34626
Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.1	57.3#
77	0.0	25.0	37.4#



#37
Ethyl Acetate
Concen: 1.086 ug/l
RT: 7.506 min Scan# 944
Delta R.T. -0.059 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:	43	Resp:	6959
Ion	Ratio	Lower	Upper
43	100		
61	2.5	13.2	19.8#
70	0.0	11.3	16.9#

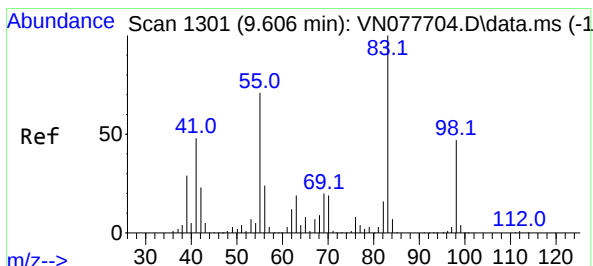
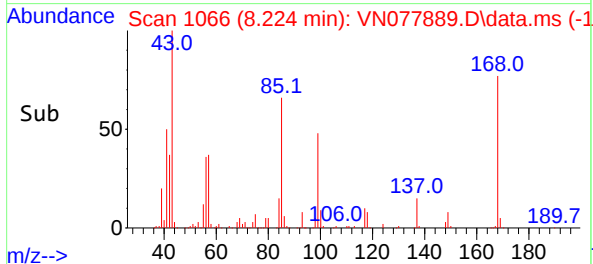
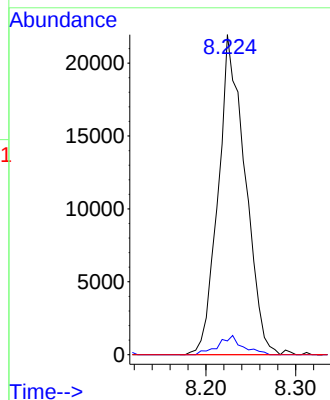
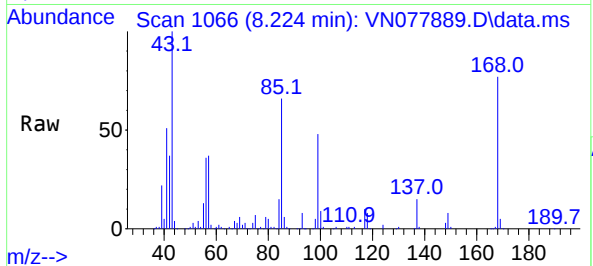




#38
Carbon Tetrachloride
Concen: 6.288 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

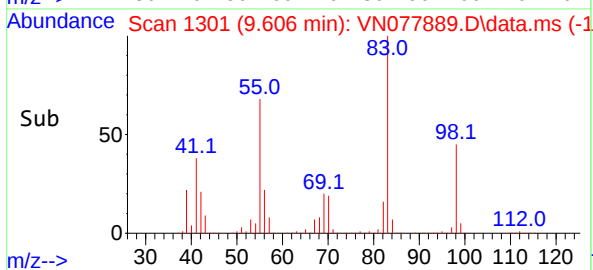
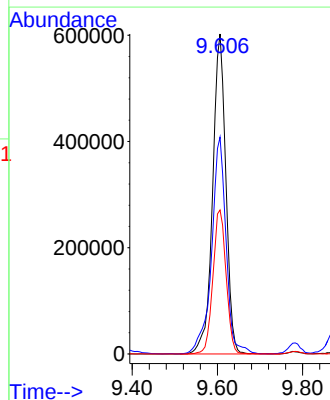
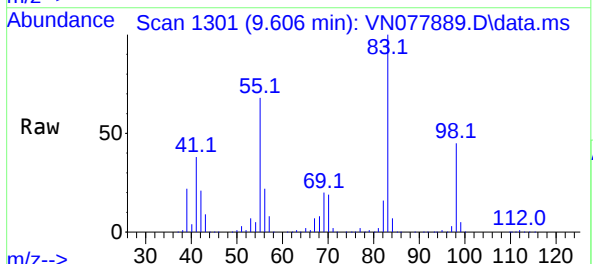
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

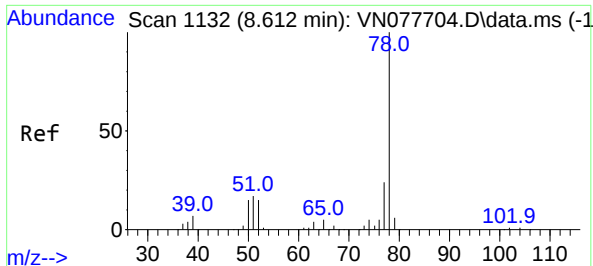
Tgt Ion:117 Resp: 45659
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 147.416 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 83 Resp: 1297734
Ion Ratio Lower Upper
83 100
55 67.7 49.1 73.7
98 45.0 40.6 61.0

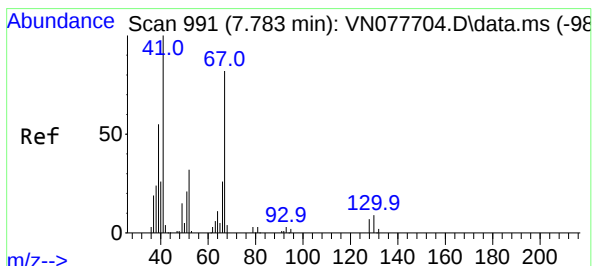
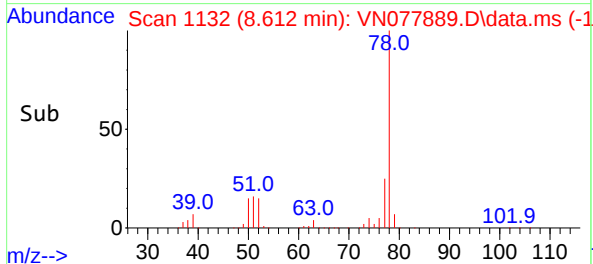
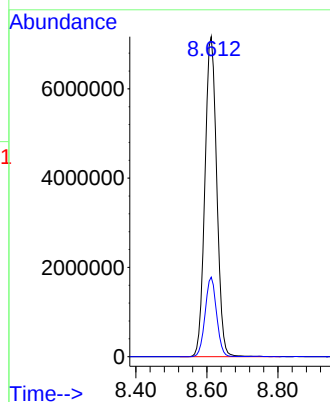
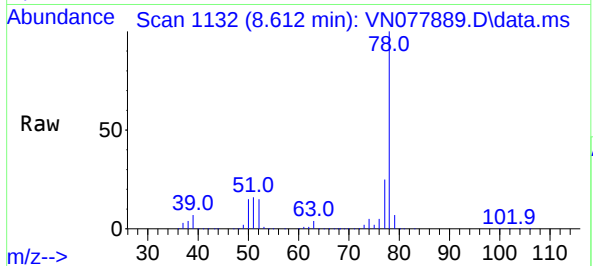




#40
Benzene
Concen: 782.629 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

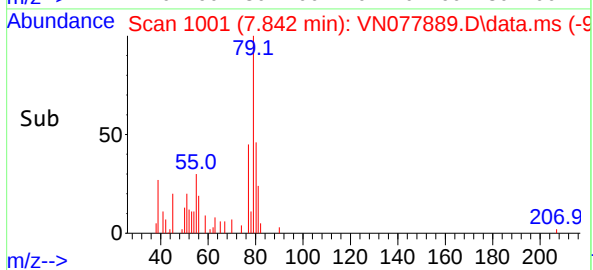
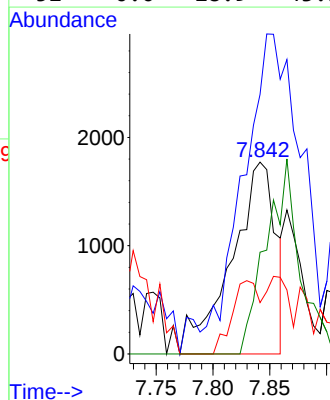
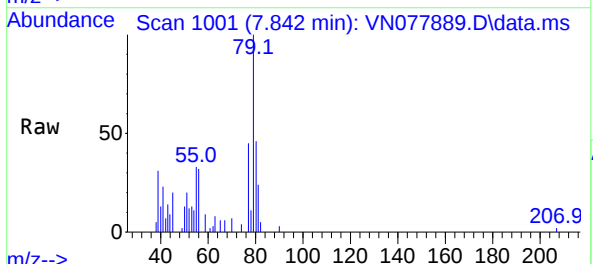
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

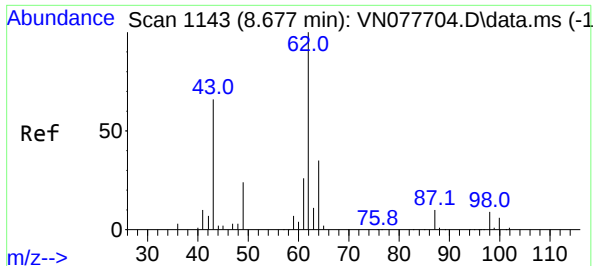
Tgt Ion: 78 Resp:16606982
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6



#41
Methacrylonitrile
Concen: 1.398 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.060 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 41 Resp: 4770
Ion Ratio Lower Upper
41 100
39 190.7 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 18.672 ug/l

RT: 8.612 min Scan# 1142

Delta R.T. -0.065 min

Lab File: VN077889.D

Acq: 25 May 2023 08:11

Instrument :

MSVOA_N

ClientSampleId :

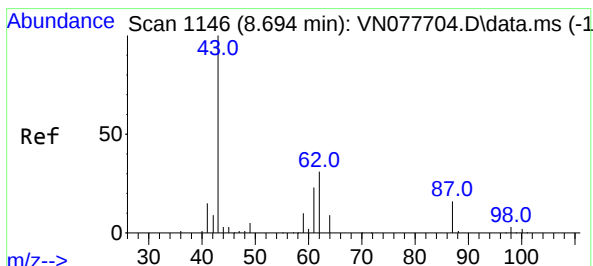
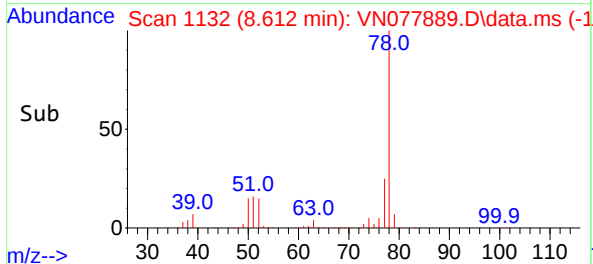
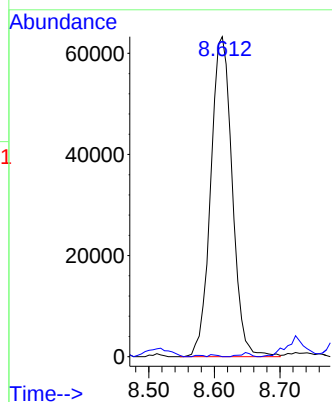
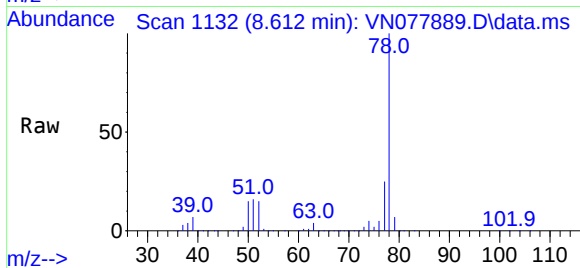
S-H4(BHF)

Tgt Ion: 62 Resp: 143928

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 5.052 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN077889.D

Acq: 25 May 2023 08:11

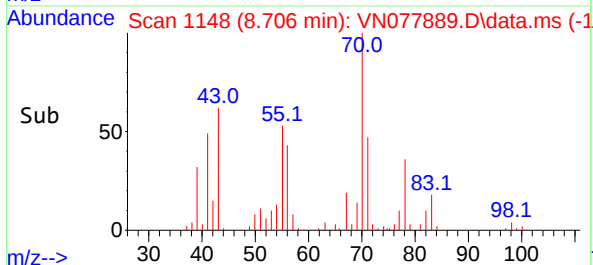
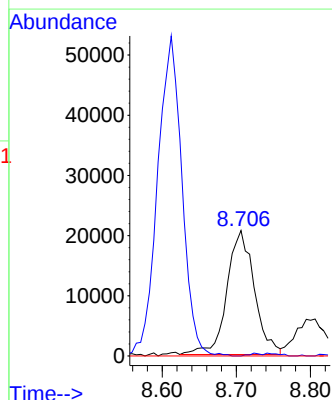
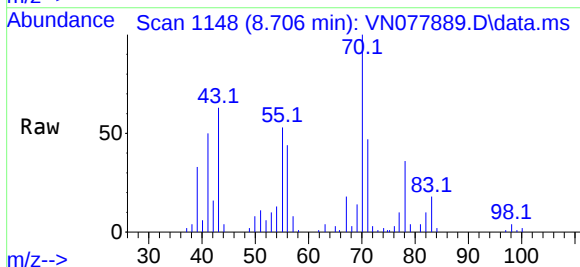
Tgt Ion: 43 Resp: 52889

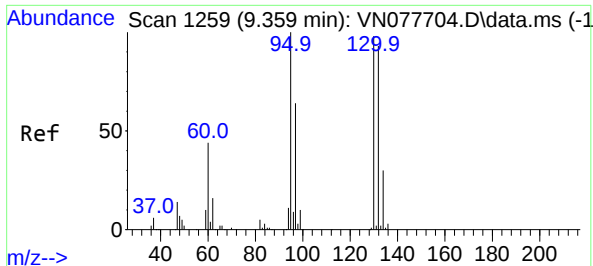
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

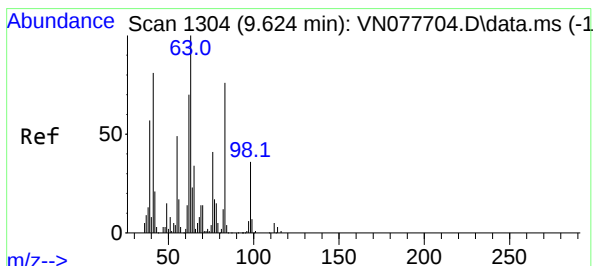
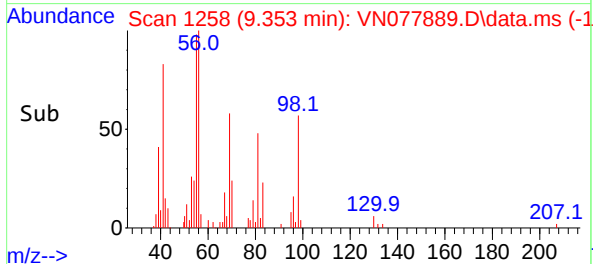
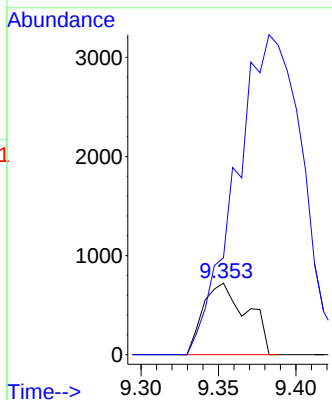
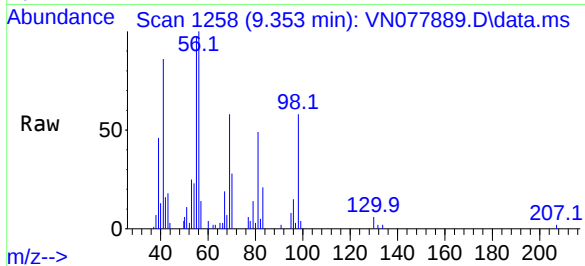




#44
Trichloroethene
Concen: 0.265 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

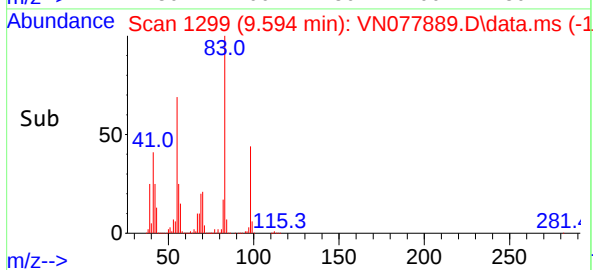
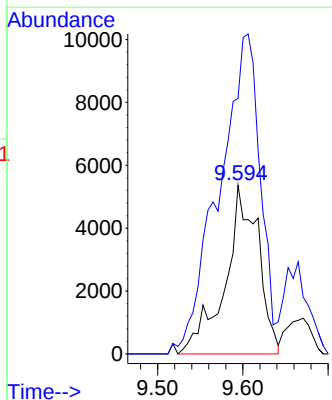
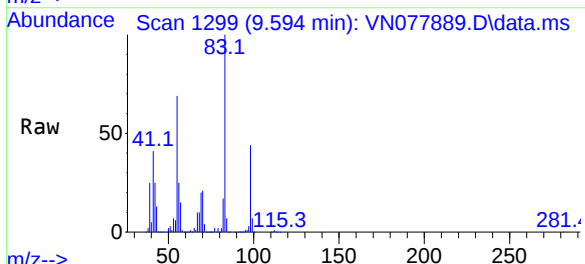
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

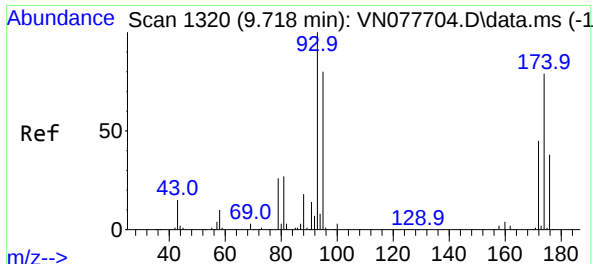
Tgt Ion:130 Resp: 1424
Ion Ratio Lower Upper
130 100
95 135.5 0.0 204.6



#45
1,2-Dichloropropane
Concen: 2.683 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.030 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 63 Resp: 14520
Ion Ratio Lower Upper
63 100
65 147.1 23.9 35.9#

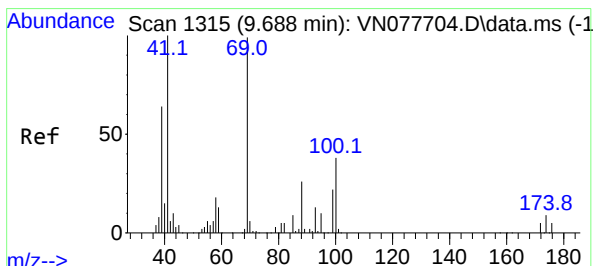
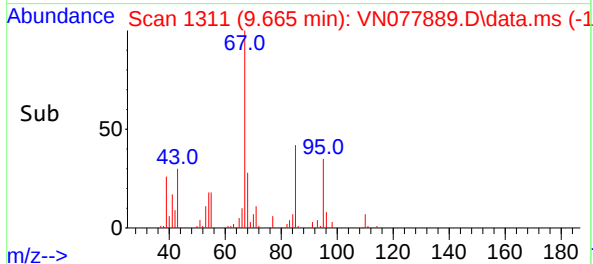
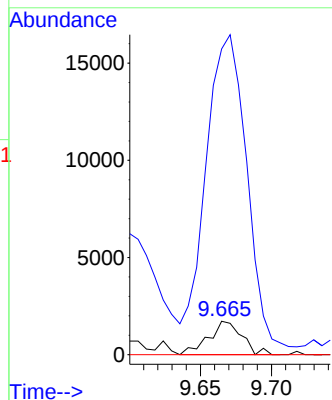
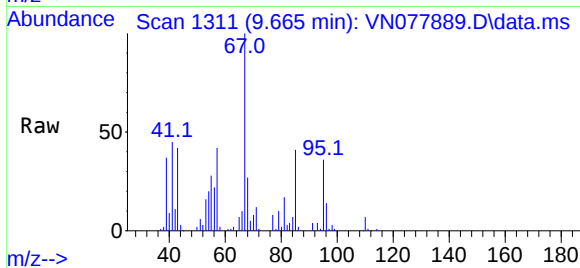




#46
Dibromomethane
Concen: 0.726 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

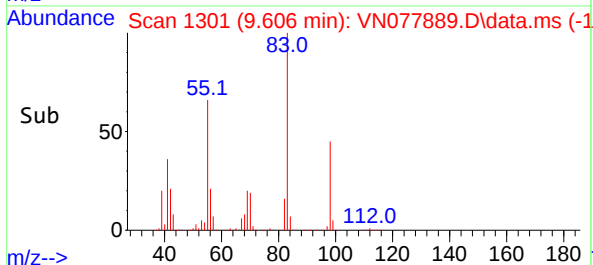
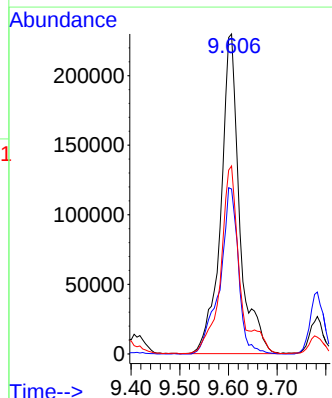
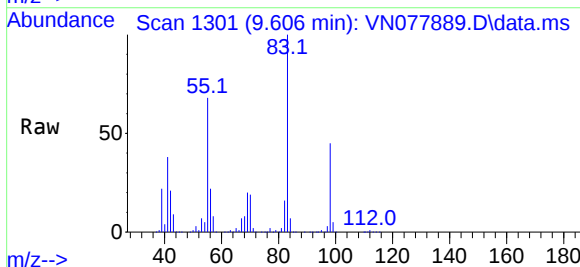
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

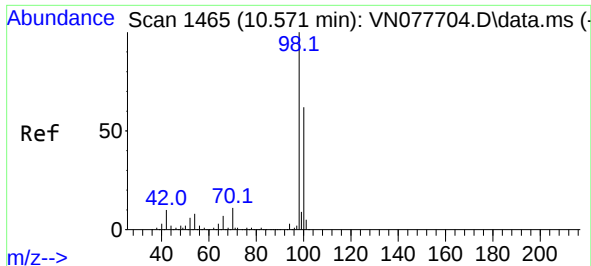
Tgt Ion: 93 Resp: 2812
Ion Ratio Lower Upper
93 100
95 1135.1 63.8 95.8#
174 0.0 65.6 98.4#



#48
Methyl methacrylate
Concen: 124.247 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.082 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 41 Resp: 616687
Ion Ratio Lower Upper
41 100
69 51.4 90.4 135.6#
39 54.8 54.6 81.8

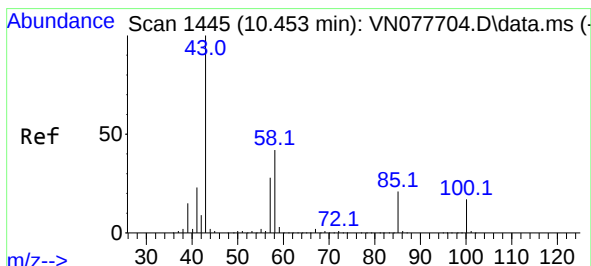
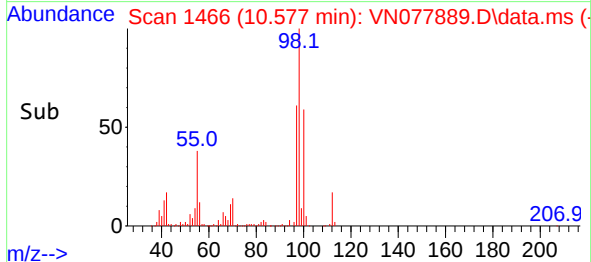
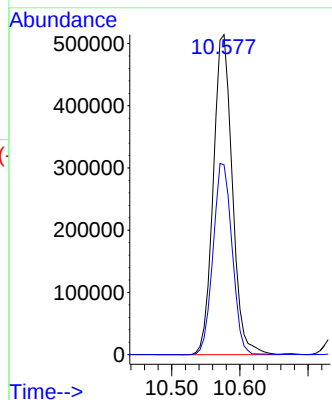
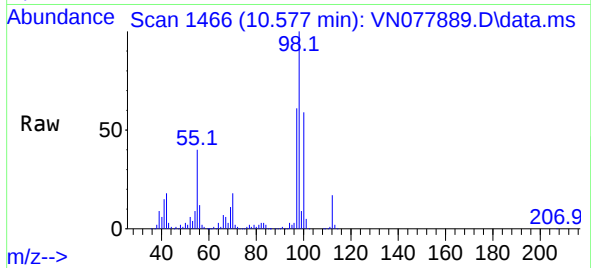




#50
Toluene-d8
Concen: 52.951 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

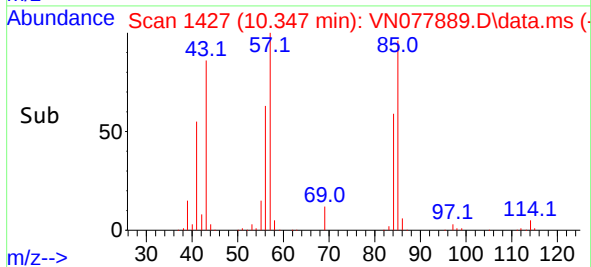
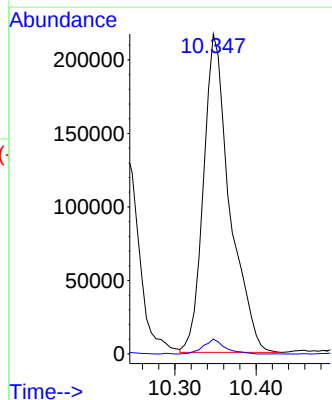
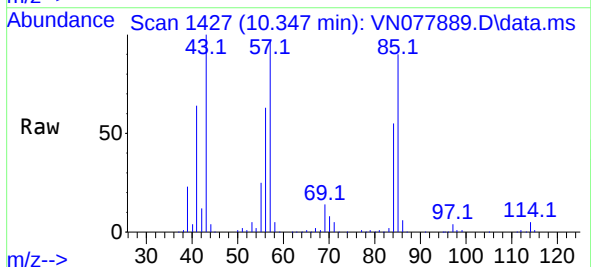
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

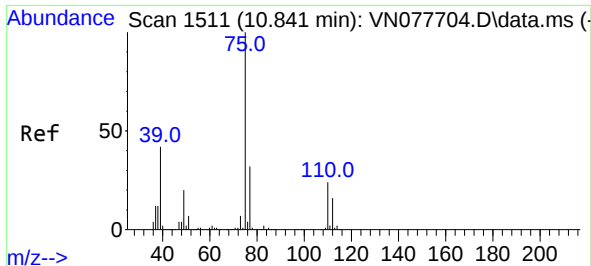
Tgt Ion: 98 Resp: 1001975
Ion Ratio Lower Upper
98 100
100 59.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 78.070 ug/l
RT: 10.347 min Scan# 1427
Delta R.T. -0.100 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 43 Resp: 485804
Ion Ratio Lower Upper
43 100
58 3.8 36.6 54.8#

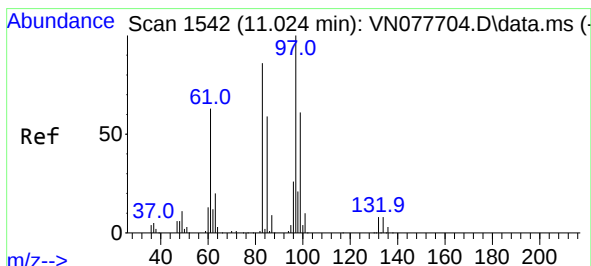
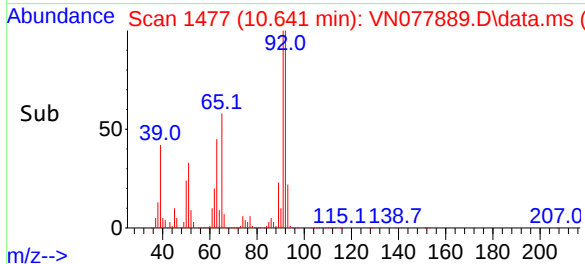
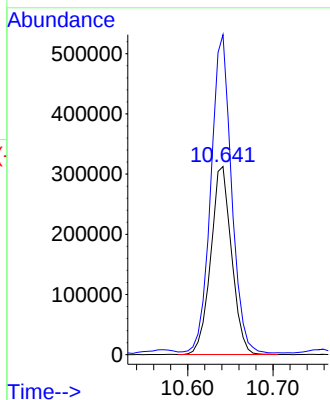
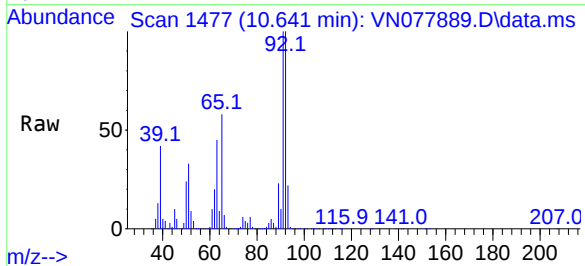




#53
t-1,3-Dichloropropene
Concen: 67.467 ug/l
RT: 10.641 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

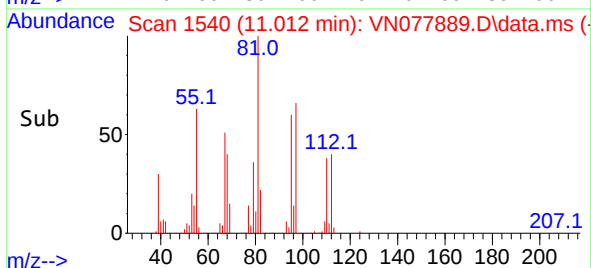
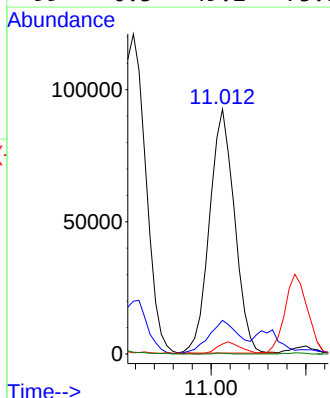
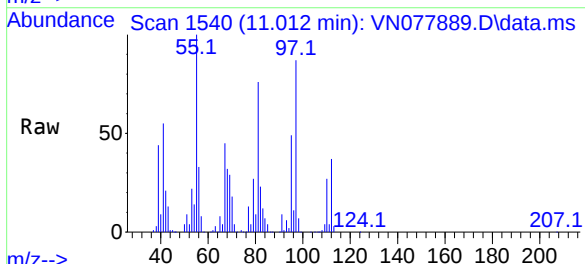
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

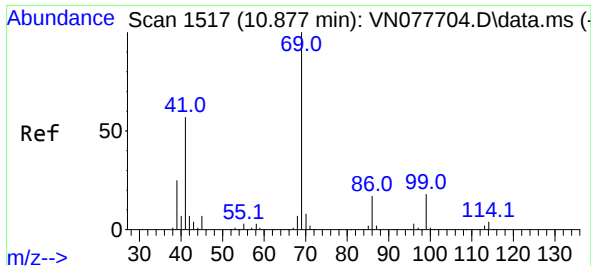
Tgt Ion: 75 Resp: 529760
Ion Ratio Lower Upper
75 100
77 169.2 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 32.215 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.011 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 97 Resp: 168974
Ion Ratio Lower Upper
97 100
83 13.6 65.1 97.7#
85 3.8 43.4 65.2#
99 0.3 49.2 73.8#

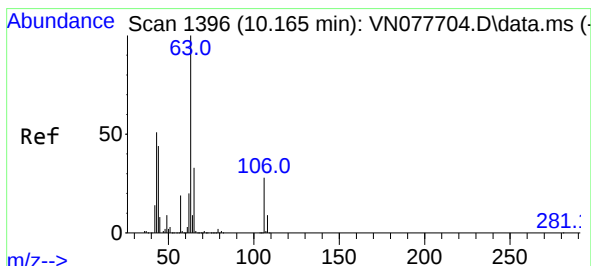
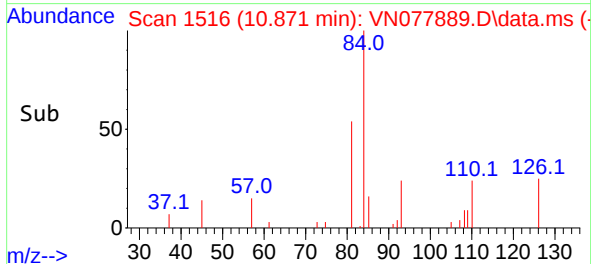
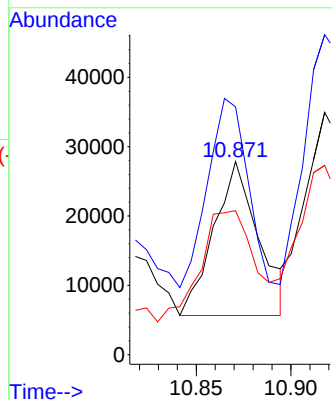
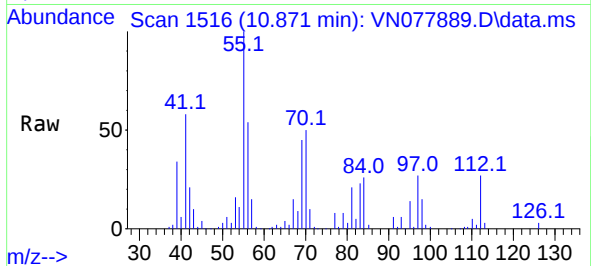




#56
Ethyl methacrylate
Concen: 4.576 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.011 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

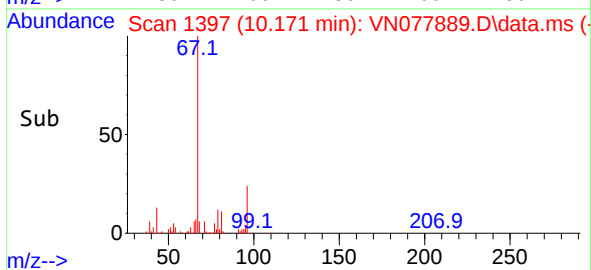
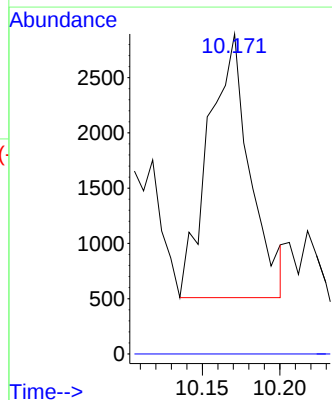
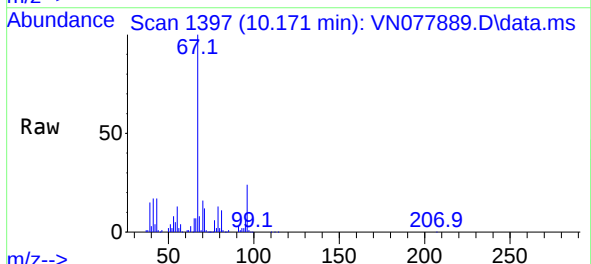
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

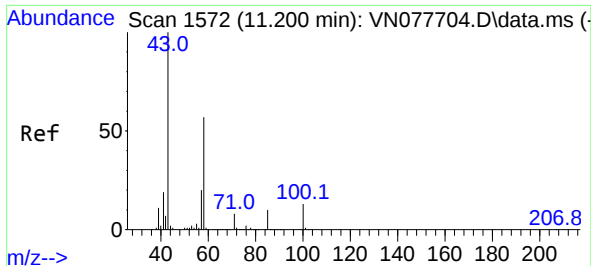
Tgt Ion: 69 Resp: 36295
Ion Ratio Lower Upper
69 100
41 116.1 39.6 59.4#
39 0.0 28.6 43.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.137 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 63 Resp: 4435
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

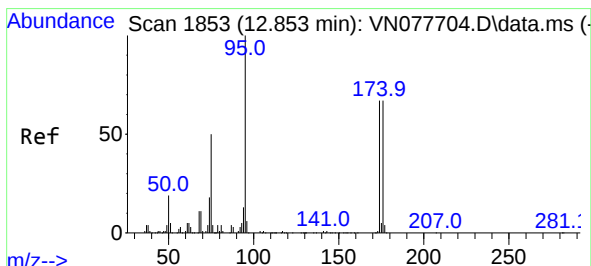
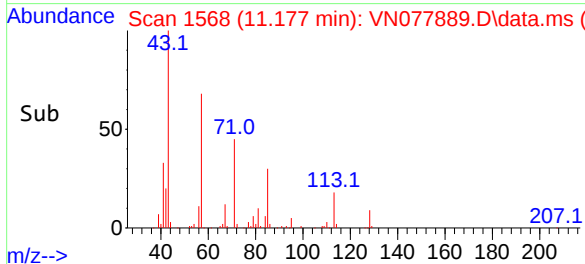
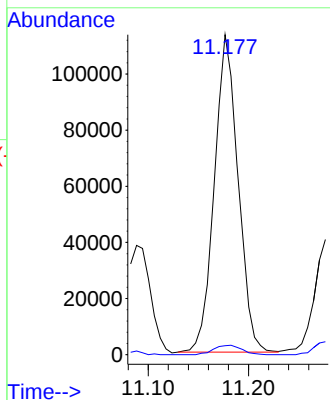
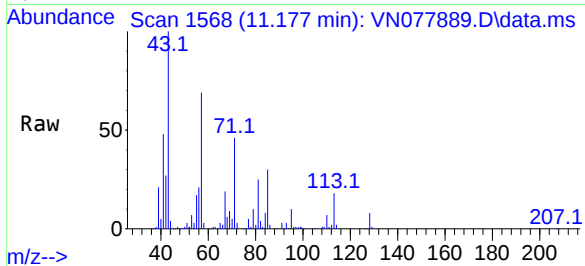




#59
2-Hexanone
Concen: 40.263 ug/l
RT: 11.177 min Scan# 111
Delta R.T. -0.023 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

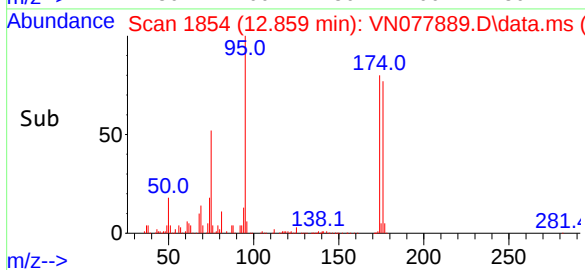
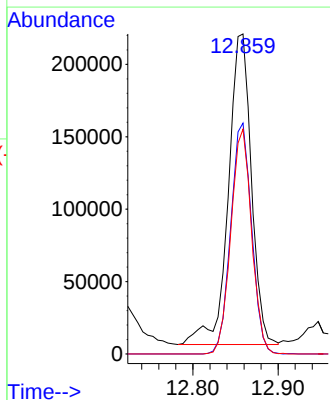
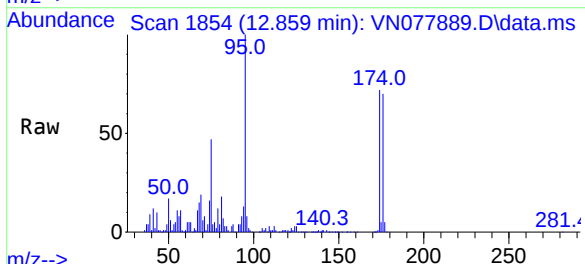
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

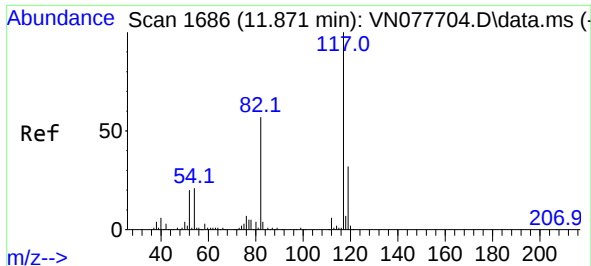
Tgt Ion: 43 Resp: 185318
Ion Ratio Lower Upper
43 100
58 3.5 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 60.345 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 95 Resp: 403293
Ion Ratio Lower Upper
95 100
174 67.4 0.0 143.8
176 65.0 0.0 135.8

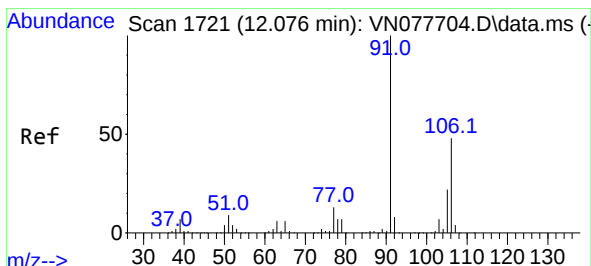
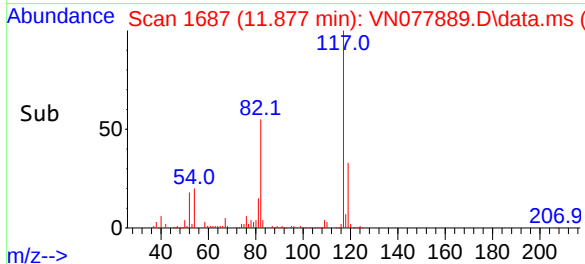
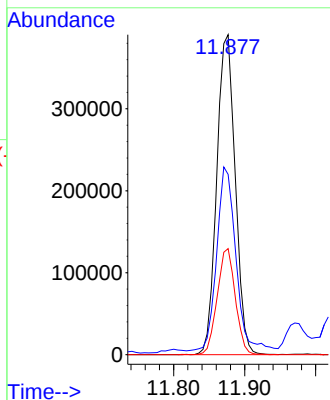
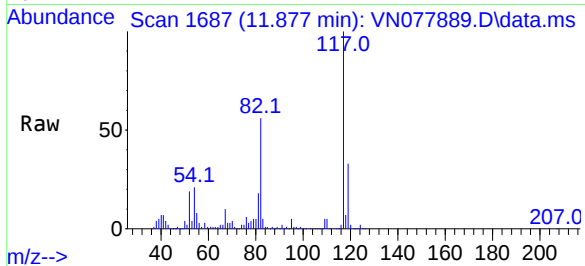




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

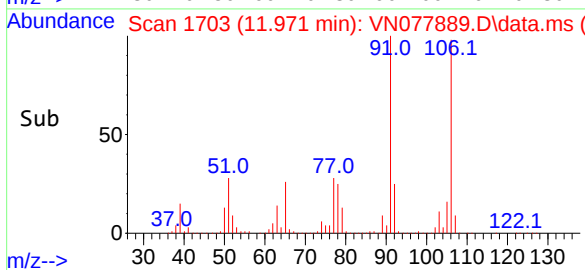
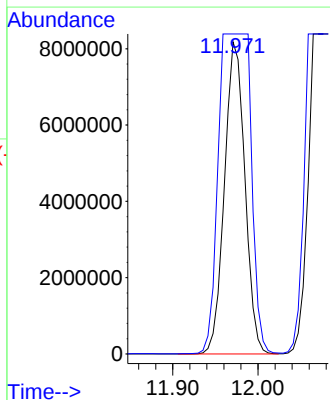
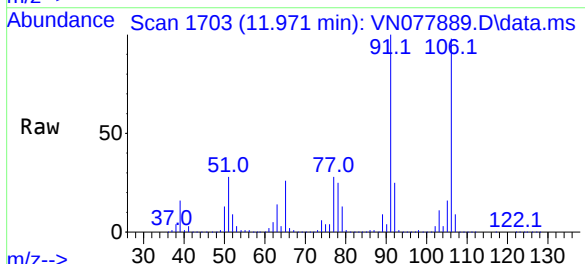
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

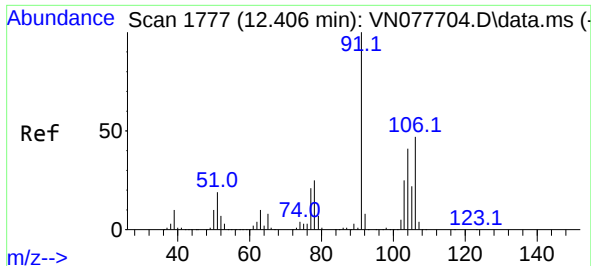
Tgt Ion:117 Resp: 704092
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 33.2 25.6 38.4



#68
m/p-Xylenes
Concen: 1314.902 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.105 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:106 Resp:13628355
Ion Ratio Lower Upper
106 100
91 0.0 159.6 239.4#

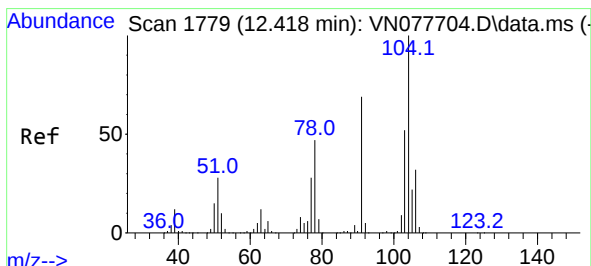
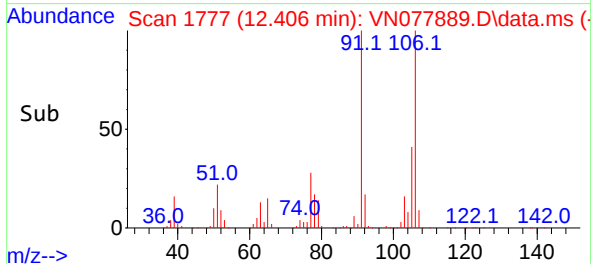
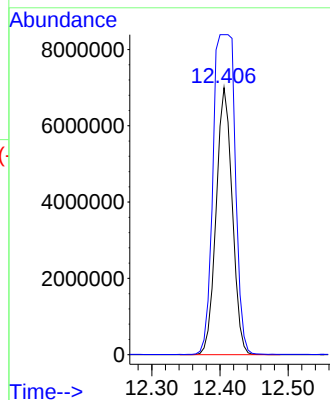
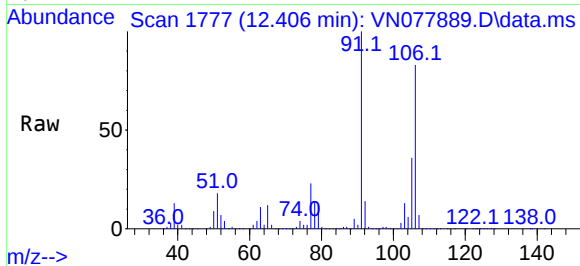




#69
o-Xylene
Concen: 1126.728 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

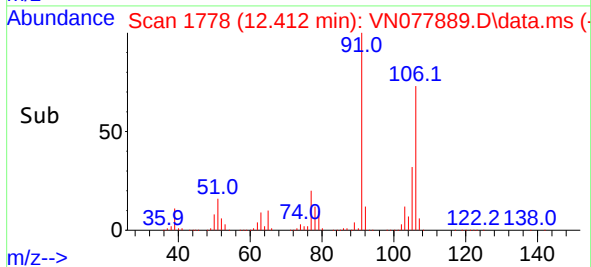
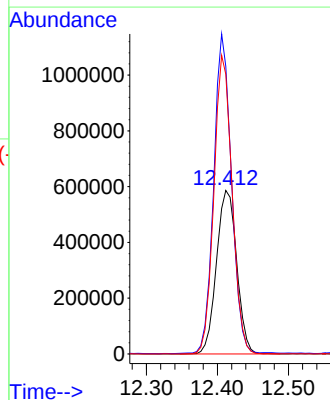
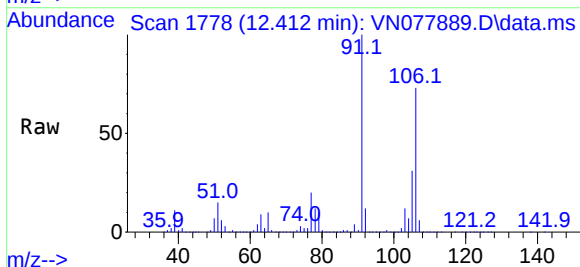
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

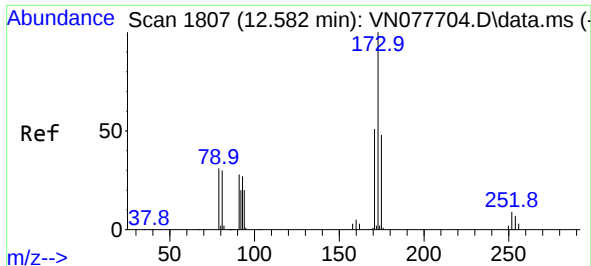
Tgt Ion:106 Resp:11484689
Ion Ratio Lower Upper
106 100
91 164.9 105.2 315.5



#70
Styrene
Concen: 71.503 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:104 Resp: 1157800
Ion Ratio Lower Upper
104 100
78 172.0 39.5 59.3#
103 163.9 43.2 64.8#

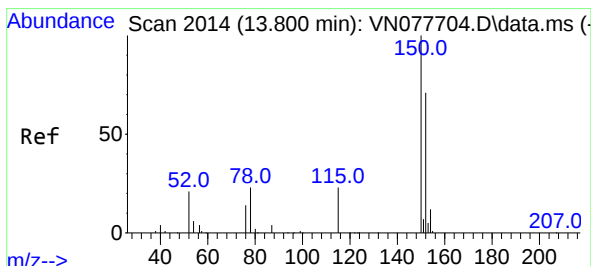
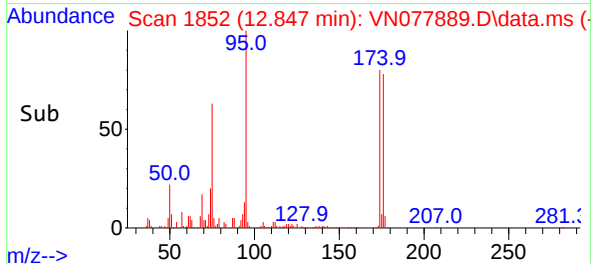
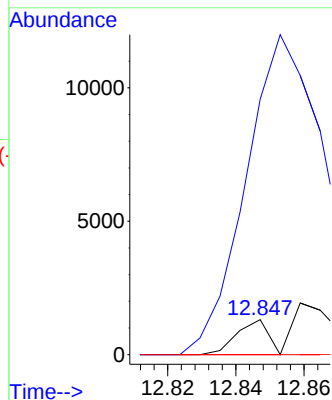
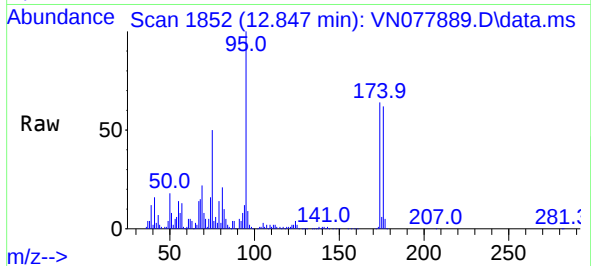




#71
Bromoform
Concen: 0.239 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

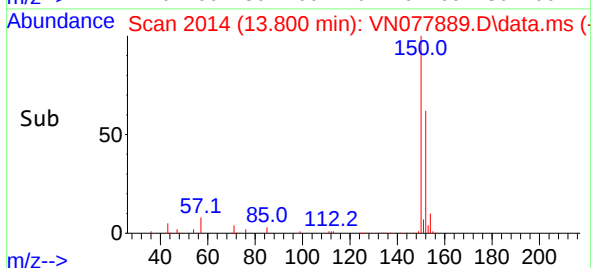
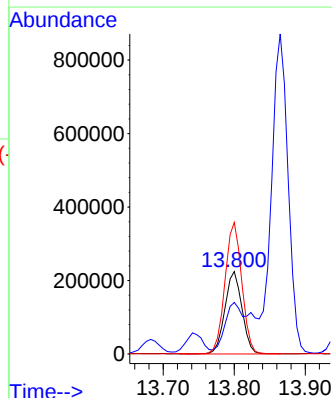
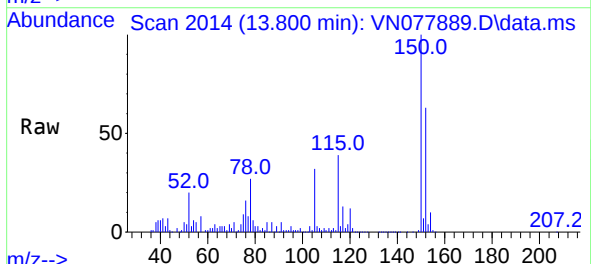
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

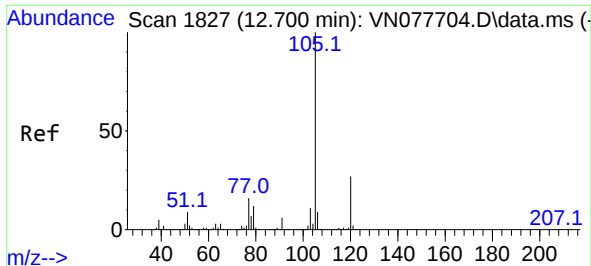
Tgt Ion:173 Resp: 839
Ion Ratio Lower Upper
173 100
175 1690.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:152 Resp: 373366
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 157.1 0.0 355.8

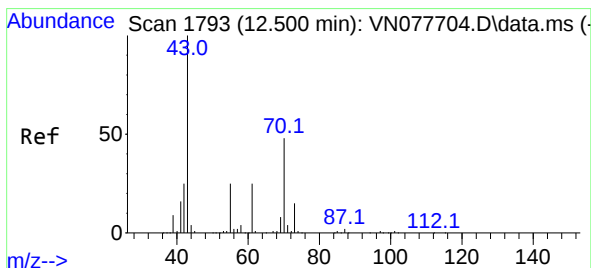
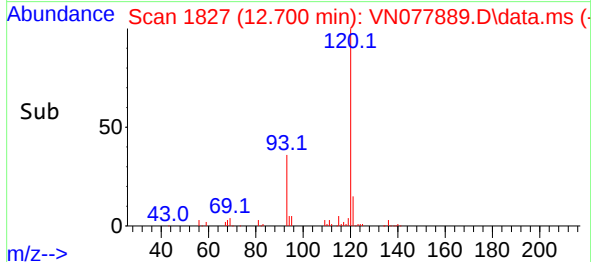
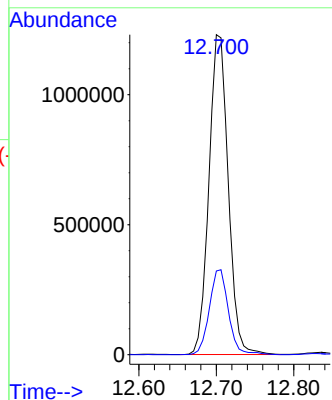
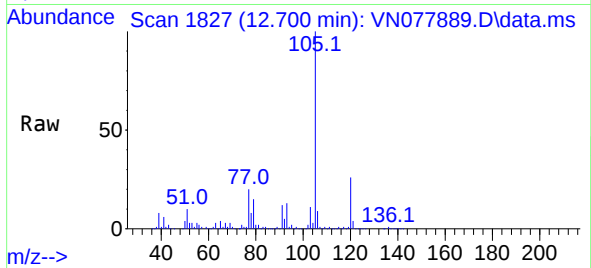




#73
Isopropylbenzene
Concen: 66.264 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

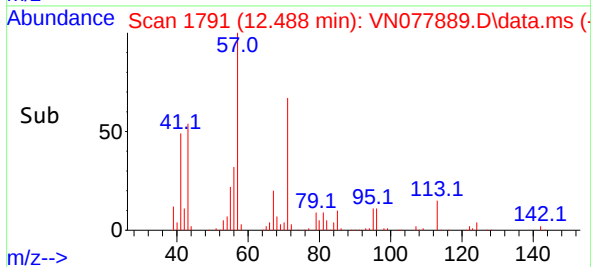
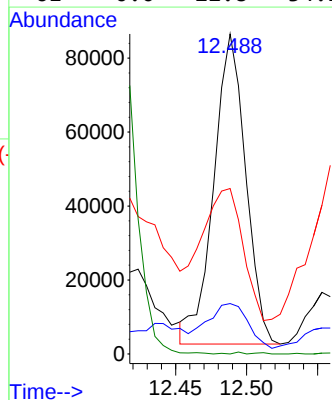
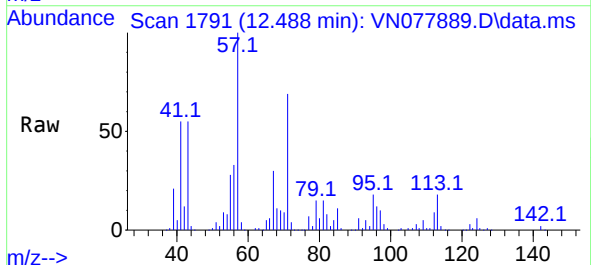
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

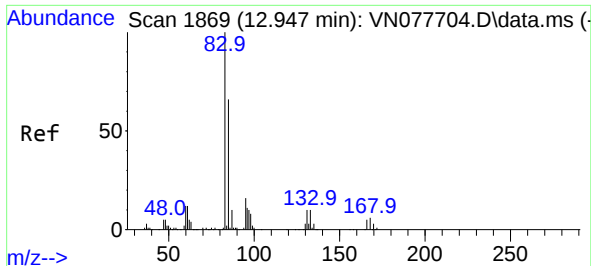
Tgt Ion:105 Resp: 2132640
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 11.025 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 43 Resp: 131156
Ion Ratio Lower Upper
43 100
70 18.5 43.4 65.2#
55 55.5 21.4 32.0#
61 0.0 22.8 34.2#

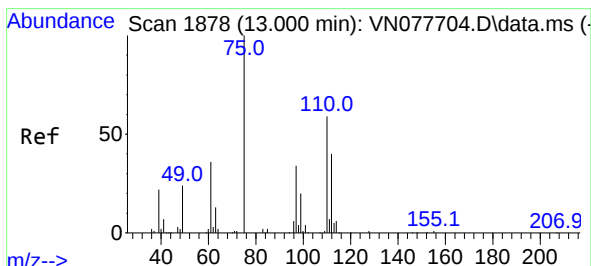
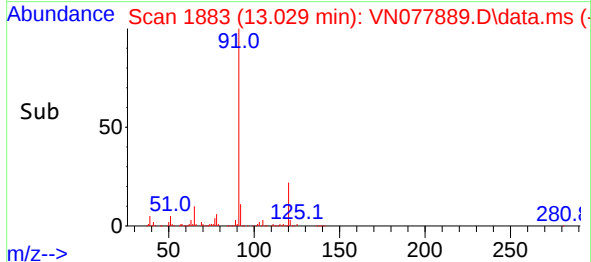
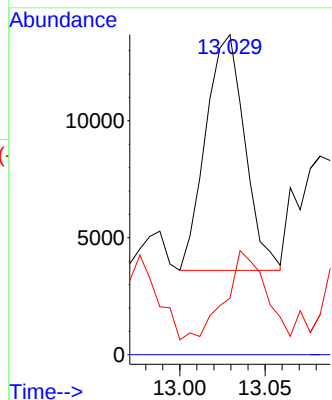
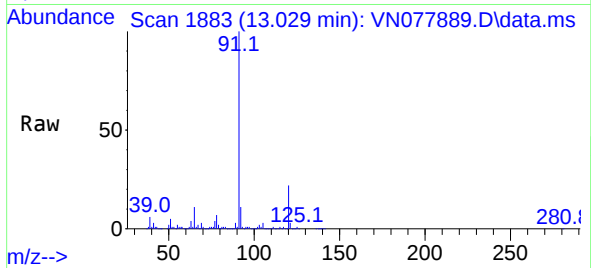




#75
1,1,2,2-Tetrachloroethane
Concen: 1.624 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.082 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

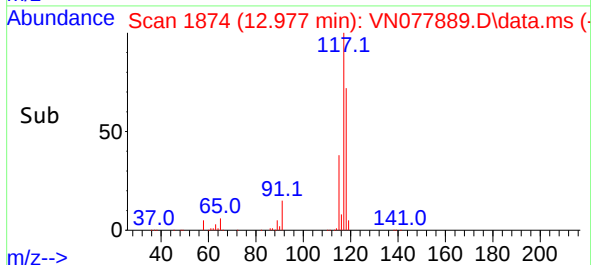
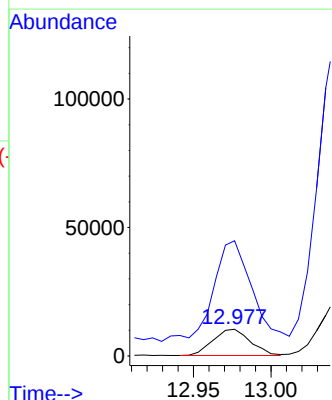
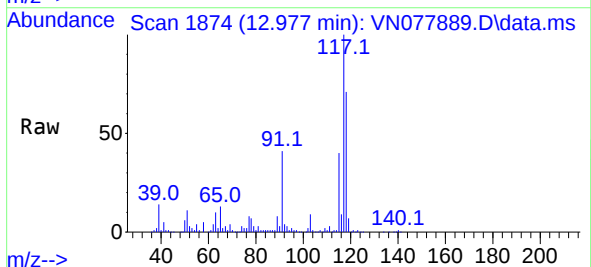
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

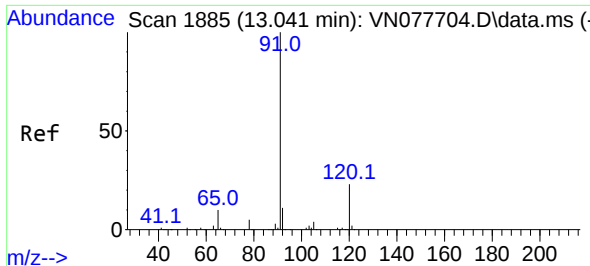
Tgt Ion: 83 Resp: 16082
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 1.830 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.024 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 75 Resp: 17108
Ion Ratio Lower Upper
75 100
77 398.4 84.5 253.5#

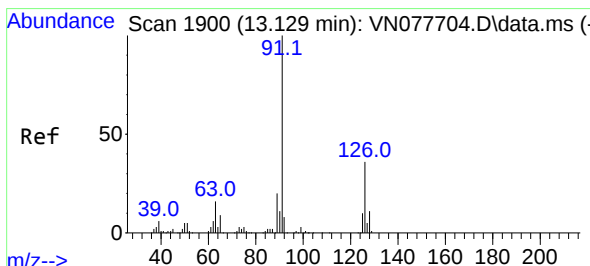
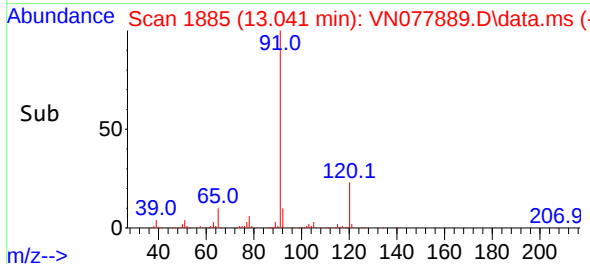
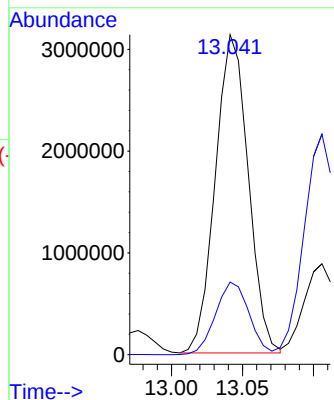
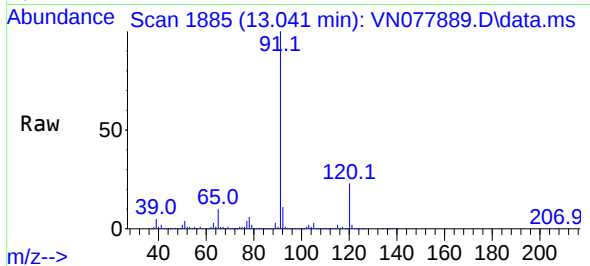




#78
n-propylbenzene
Concen: 132.607 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

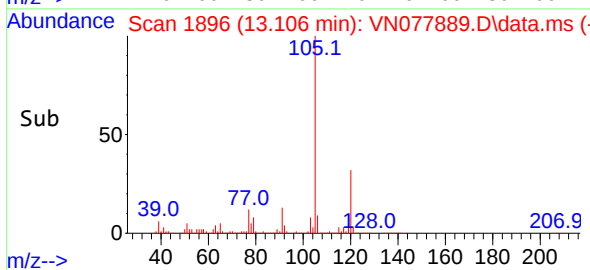
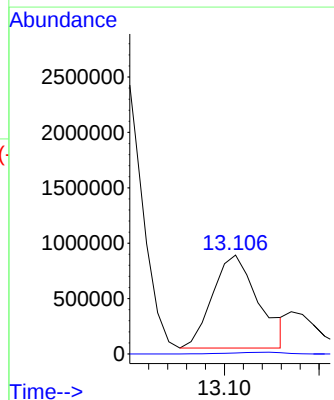
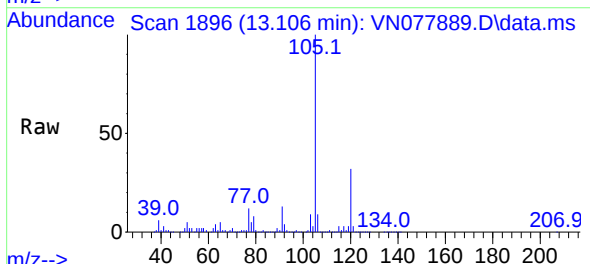
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

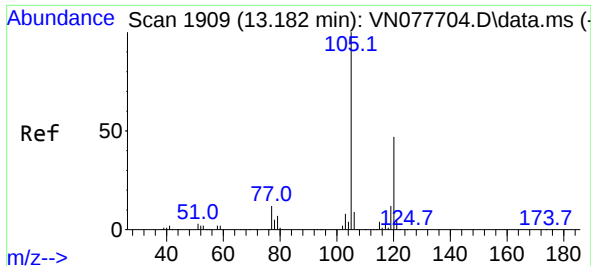
Tgt Ion: 91 Resp: 5031530
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 62.416 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.023 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 91 Resp: 1413195
Ion Ratio Lower Upper
91 100
126 2.2 16.3 48.8#

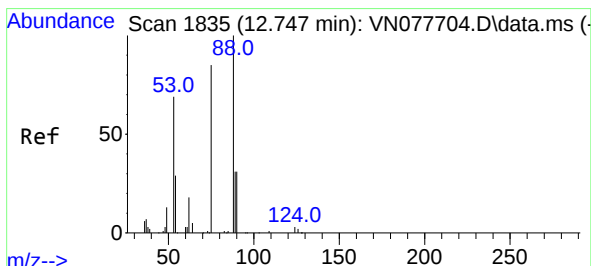
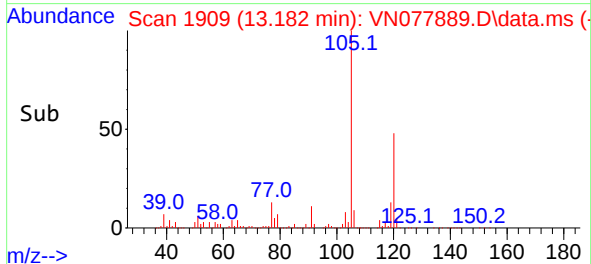
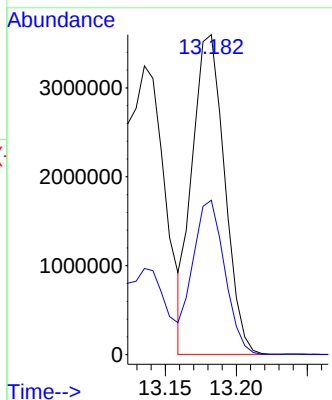
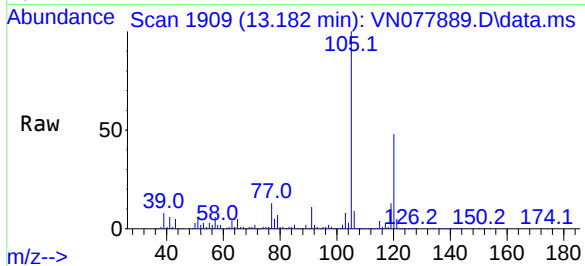




#80
1,3,5-Trimethylbenzene
Concen: 210.246 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

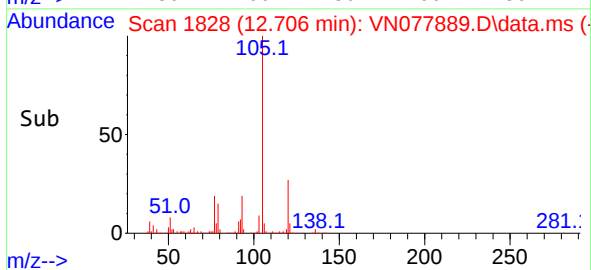
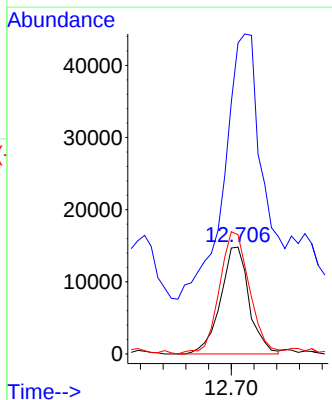
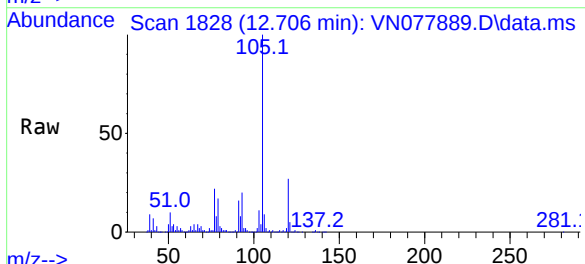
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

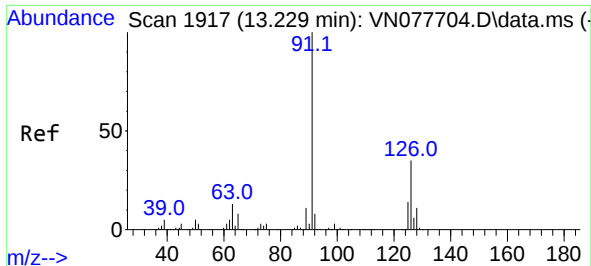
Tgt Ion:105 Resp: 5687088
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 8.845 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. -0.035 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 75 Resp: 25874
Ion Ratio Lower Upper
75 100
53 333.0 67.4 101.2#
89 121.4 38.8 58.2#

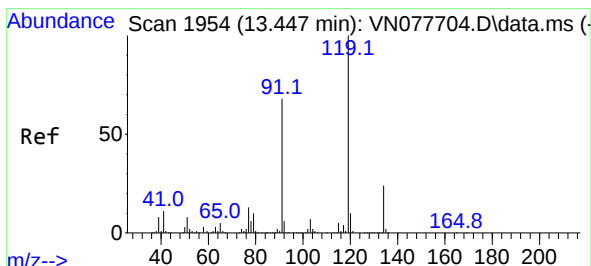
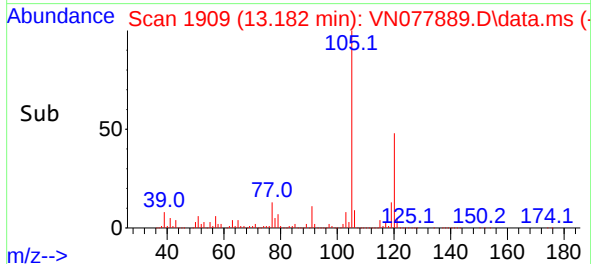
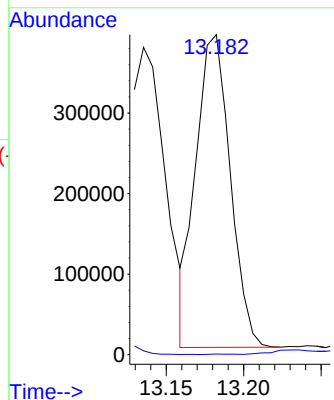
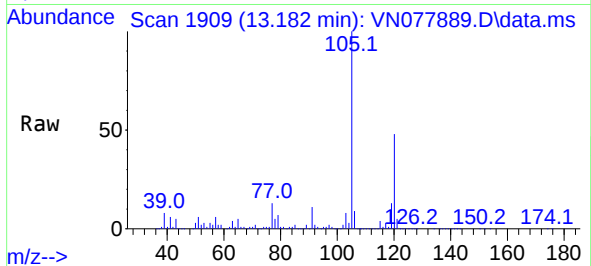




#82
4-Chlorotoluene
Concen: 26.584 ug/l
RT: 13.182 min Scan# 1917
Delta R.T. -0.047 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

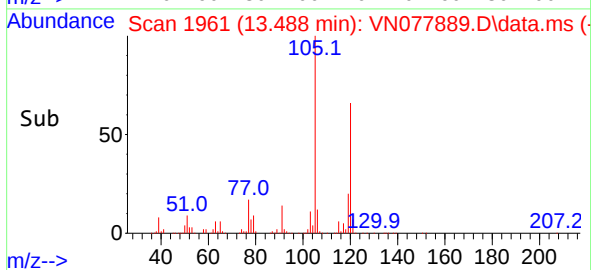
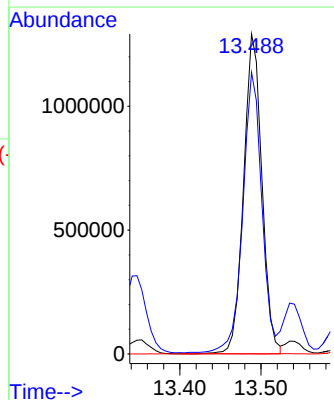
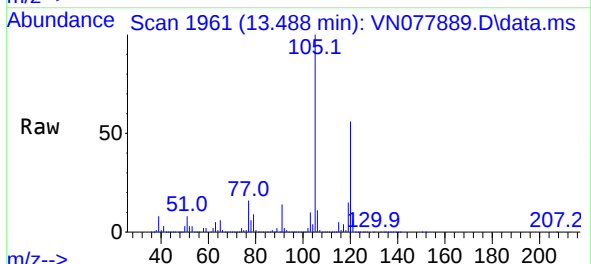
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

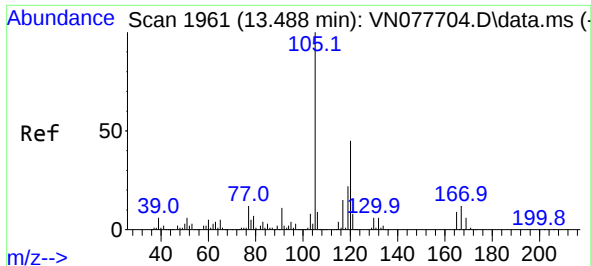
Tgt Ion: 91 Resp: 598858
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 85.672 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.041 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 119 Resp: 2023075
Ion Ratio Lower Upper
119 100
91 90.6 33.9 101.7
134 0.0 13.2 39.6#

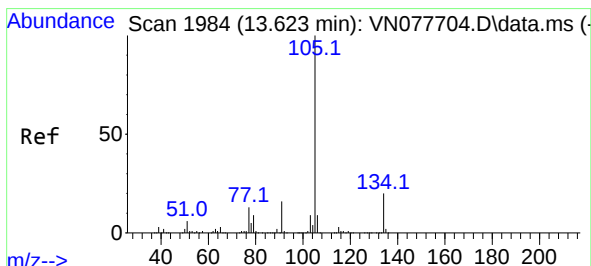
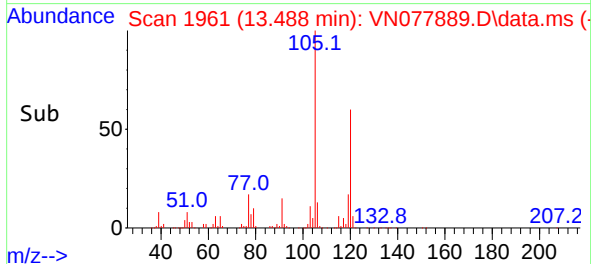
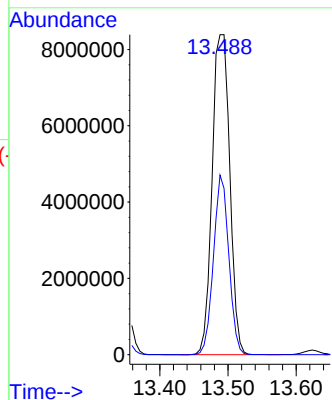
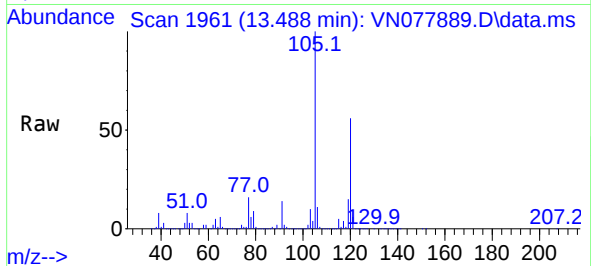




#84
1,2,4-Trimethylbenzene
Concen: 567.671 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

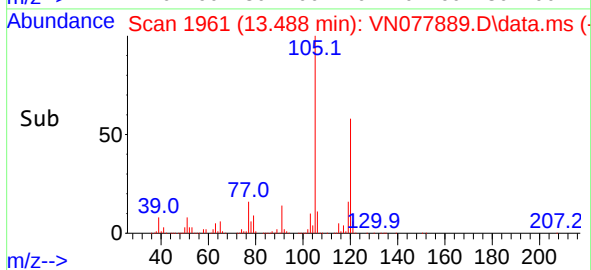
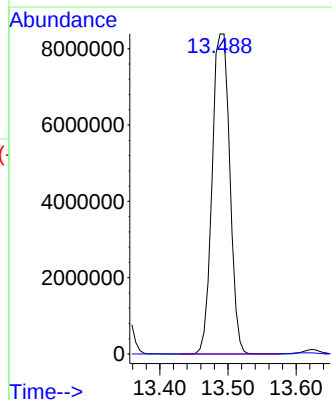
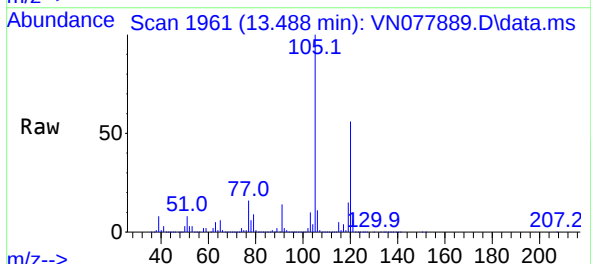
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

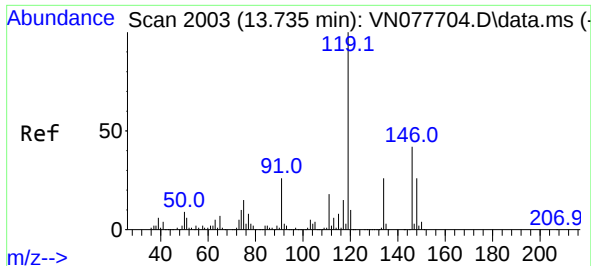
Tgt Ion:105 Resp:15101700
Ion Ratio Lower Upper
105 100
120 48.8 22.0 66.0



#85
sec-Butylbenzene
Concen: 449.993 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.135 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion:105 Resp:15101700
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

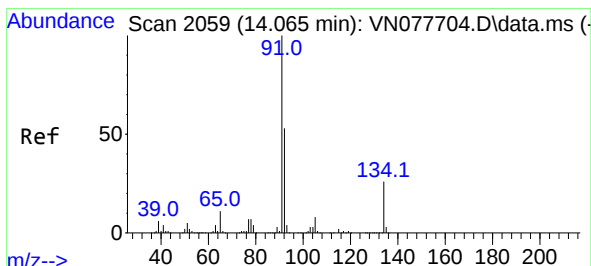
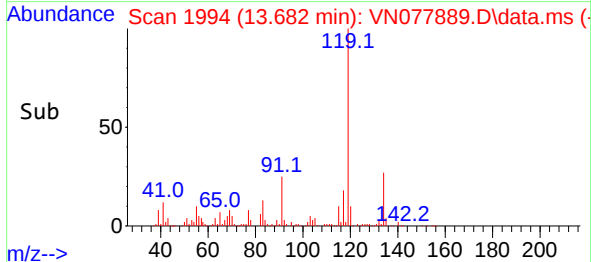
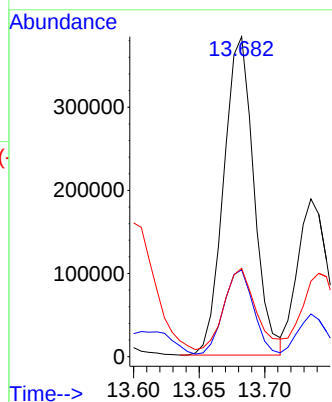
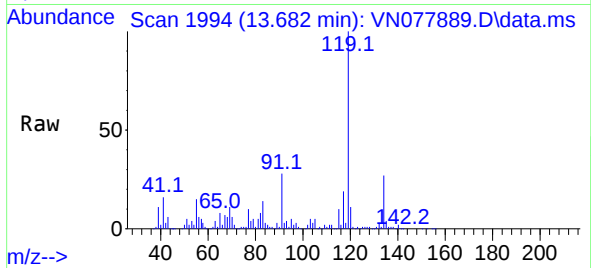




#86
p-Isopropyltoluene
Concen: 22.952 ug/l
RT: 13.682 min Scan# 1994
Delta R.T. -0.053 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

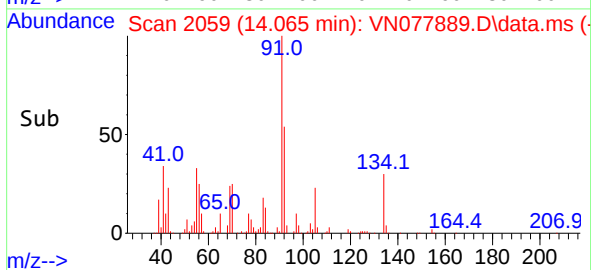
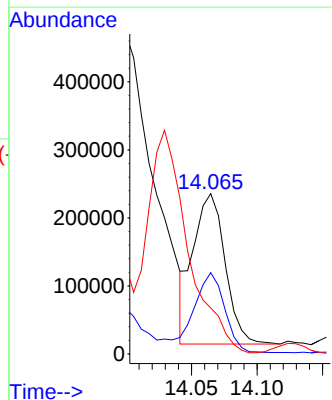
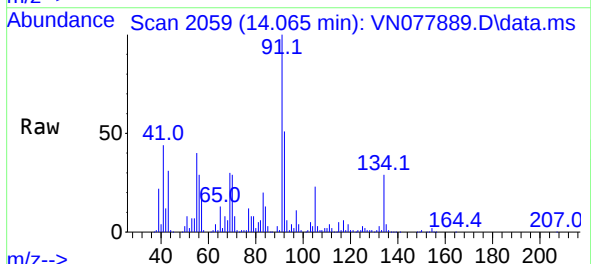
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

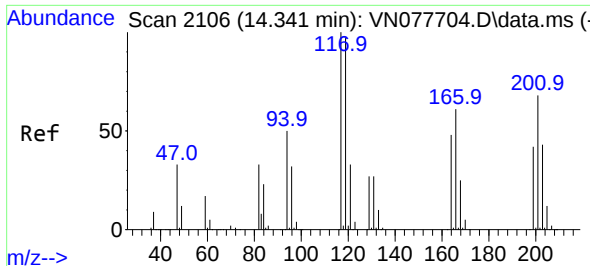
Tgt Ion:119 Resp: 614082
Ion Ratio Lower Upper
119 100
134 27.6 12.6 37.8
91 26.3 12.4 37.2



#89
n-Butylbenzene
Concen: 15.307 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Tgt Ion: 91 Resp: 376688
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 0.0 12.6 37.6#

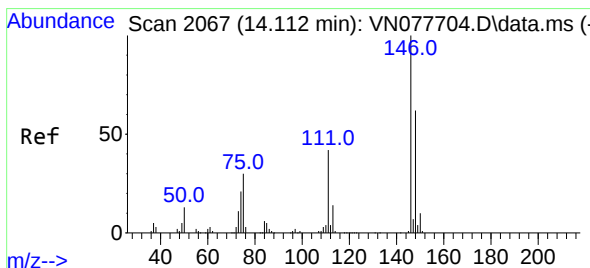
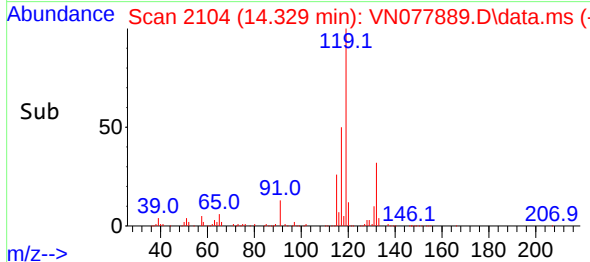
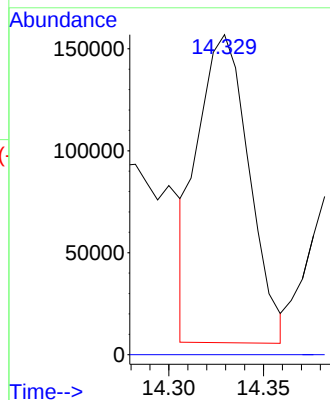
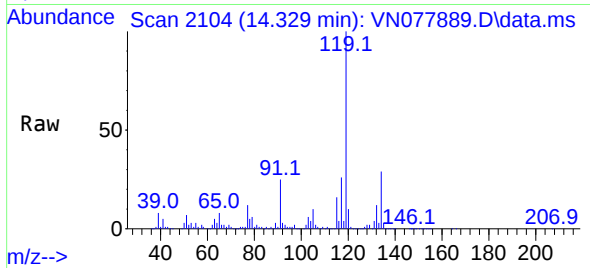




#90
Hexachloroethane
Concen: 64.818 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.012 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

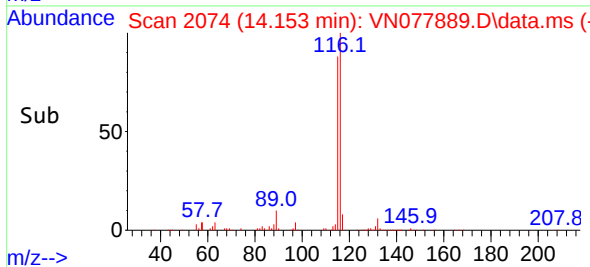
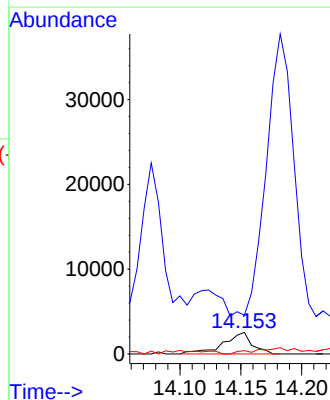
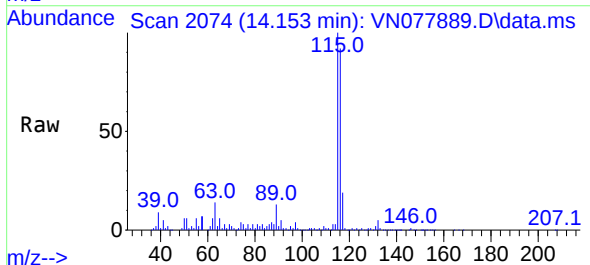
Instrument :
MSVOA_N
ClientSampleId :
S-H4(BHF)

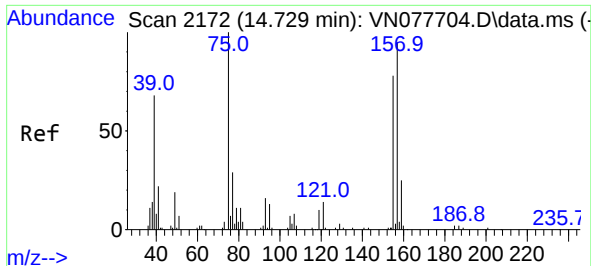
Tgt Ion:117 Resp: 284893
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.329 ug/l
RT: 14.153 min Scan# 2074
Delta R.T. 0.042 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

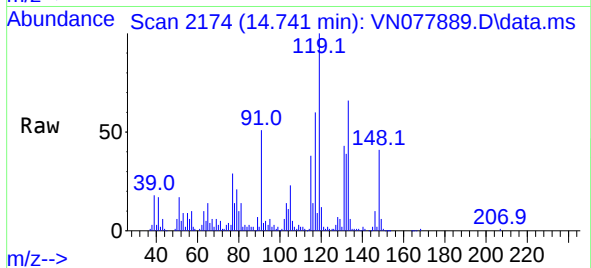
Tgt Ion:146 Resp: 4169
Ion Ratio Lower Upper
146 100
111 0.0 22.0 66.0#
148 0.0 31.8 95.3#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.132 ug/l
RT: 14.741 min Scan# 2174
Delta R.T. 0.018 min
Lab File: VN077889.D
Acq: 25 May 2023 08:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 75 Resp: 4086
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#

