

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074970.D
 Acq On : 21 Oct 2022 18:36
 Operator : JC\MD
 Sample : N5222-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Oct 22 02:55:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	686130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1160916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1170431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	847081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	746655	40.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.920%
35) Dibromofluoromethane	8.171	113	570234	41.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.540%
50) Toluene-d8	10.571	98	2456912	46.343	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.853	95	920145	49.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	3812	Below Cal	#	81
4) Vinyl Chloride	2.530	62	809	Below Cal	#	1
5) Bromomethane	2.906	94	417	Below Cal	#	4
6) Chloroethane	3.089	64	9272	Below Cal	#	48
7) Trichlorofluoromethane	3.495	101	61	Below Cal	#	18
9) 1,1,2-Trichlorotrifluo...	4.536	101	86	Below Cal	#	19
11) Tert butyl alcohol	5.524	59	1034	0.268 ug/l	#	72
12) 1,1-Dichloroethene	4.365	96	135	Below Cal	#	1
13) Acrolein	4.212	56	395	Below Cal	#	16
16) Acetone	4.459	43	7037	Below Cal		91
17) Carbon Disulfide	4.736	76	3175	Below Cal	#	74
20) Methylene Chloride	5.289	84	3089	Below Cal	#	76
21) trans-1,2-Dichloroethene	6.030	96	114	Below Cal	#	1
25) 2-Butanone	7.506	43	6420	0.578 ug/l	#	45
31) Cyclohexane	8.230	56	115712	6.213 ug/l	#	55
36) 1,1-Dichloropropene	8.236	75	64473	3.705 ug/l	#	49
38) Carbon Tetrachloride	8.230	117	79296	4.186 ug/l	#	18
39) Methylcyclohexane	9.606	83	236534	11.472 ug/l		96
40) Benzene	8.612	78	19224	0.358 ug/l	#	88
41) Methacrylonitrile	8.018	41	19130	1.860 ug/l	#	39
43) Isopropyl Acetate	8.706	43	84148	2.648 ug/l	#	53
47) Bromodichloromethane	9.771	83	8569	0.420 ug/l	#	26
48) Methyl methacrylate	9.600	41	150938	10.861 ug/l	#	50
52) Toluene	10.630	92	13973	0.399 ug/l		100
55) 1,1,2-Trichloroethane	11.012	97	18745	1.276 ug/l	#	23
58) 2-Chloroethyl Vinyl ether	10.171	63	534	3.662 ug/l	#	45
59) 2-Hexanone	11.177	43	4831	0.303 ug/l	#	25
67) Ethyl Benzene	11.965	91	941564	14.984 ug/l		99
68) m/p-Xylenes	12.082	106	34934	1.426 ug/l		92
69) o-Xylene	12.400	106	108760	4.431 ug/l		91
70) Styrene	12.412	104	28220	0.725 ug/l	#	19
71) Bromoform	12.853	173	6749	0.670 ug/l	#	1
73) Isopropylbenzene	12.700	105	5500421	79.497 ug/l		99
76) 1,2,3-Trichloropropane	13.041	75	40773	1.775 ug/l	#	1
78) n-propylbenzene	13.041	91	6445537	79.597 ug/l		99
79) 2-Chlorotoluene	13.135	91	377307	7.522 ug/l	#	43

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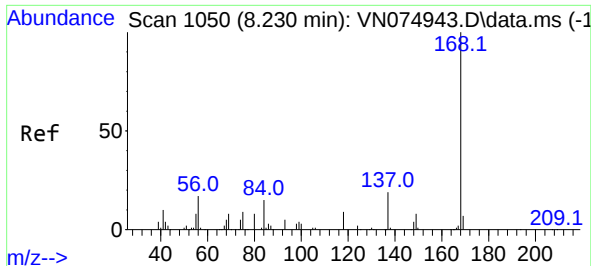
Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Oct 22 02:55:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
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 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

80) 1,3,5-Trimethylbenzene	13.176	105	1185023	19.828	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.700	75	68696	9.588	ug/l #	73
82) 4-Chlorotoluene	13.135	91	377307	7.522	ug/l #	43
83) tert-Butylbenzene	13.488	119	6005186	113.542	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.341	105	12266736	203.211	ug/l	78
85) sec-Butylbenzene	13.823	105	14740554	198.502	ug/l #	57
86) p-Isopropyltoluene	13.676	119	1014034	16.580	ug/l	99
89) n-Butylbenzene	14.000	91	4790236	91.722	ug/l #	43
90) Hexachloroethane	14.329	117	968705	81.751	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.741	75	12613	2.349	ug/l #	5
95) Naphthalene	15.565	128	239058	4.645	ug/l #	1

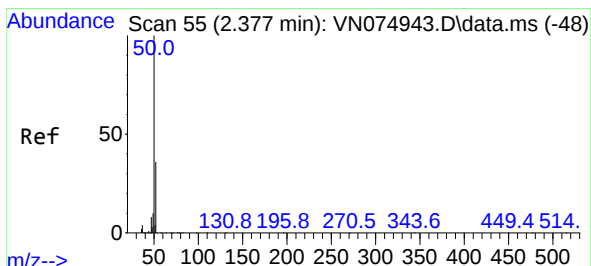
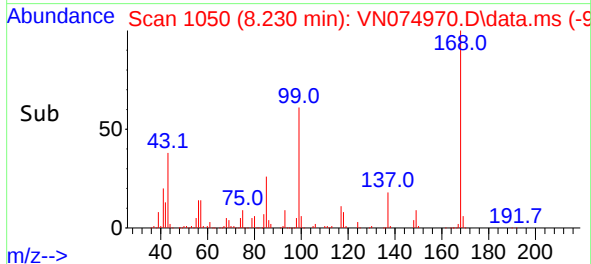
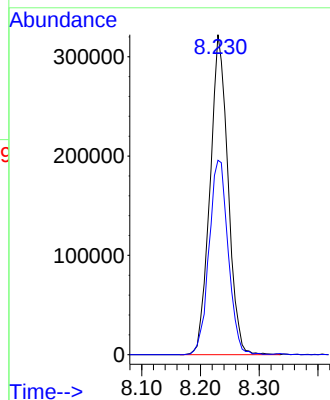
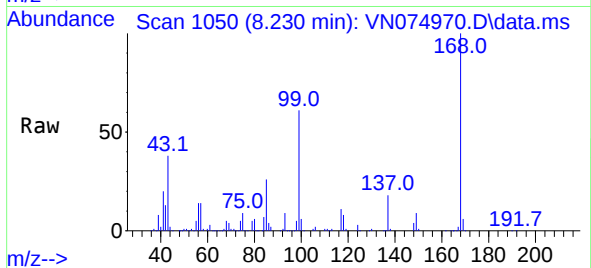
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

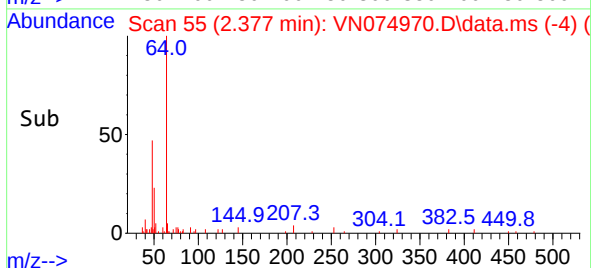
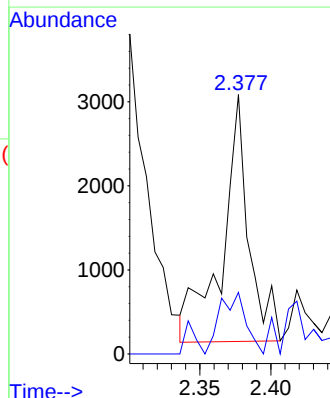
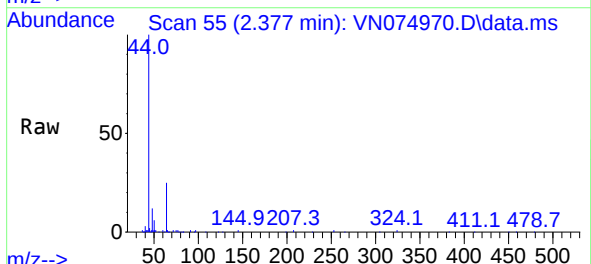
Instrument :
MSVOA_N
ClientSampleId :
MW-14

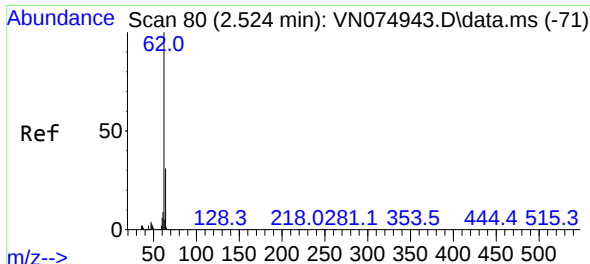
Tgt Ion:168 Resp: 686130
Ion Ratio Lower Upper
168 100
99 60.7 52.2 78.4



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 55
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 50 Resp: 3812
Ion Ratio Lower Upper
50 100
52 25.0 28.8 43.2#

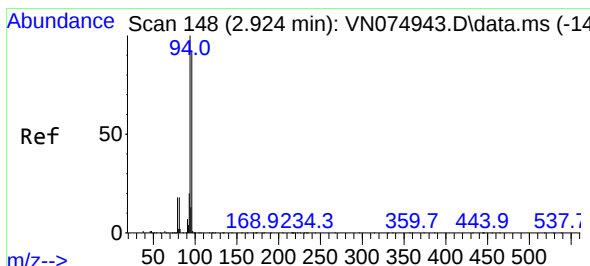
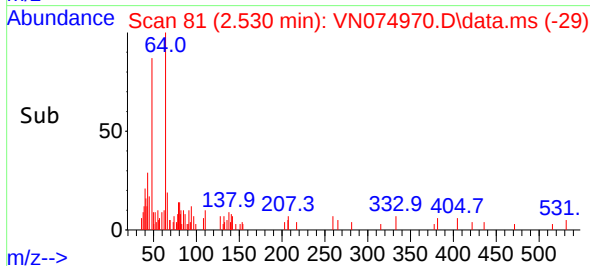
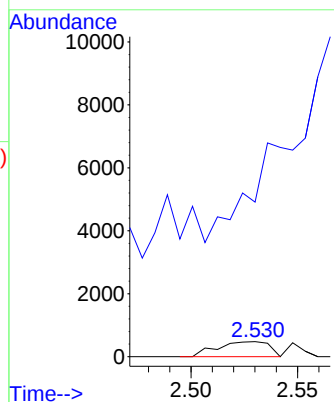
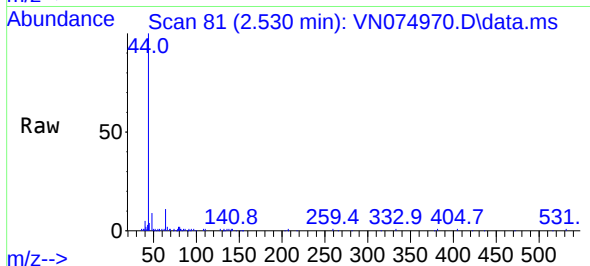




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.530 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VN074970.D
 Acq: 21 Oct 2022 18:36

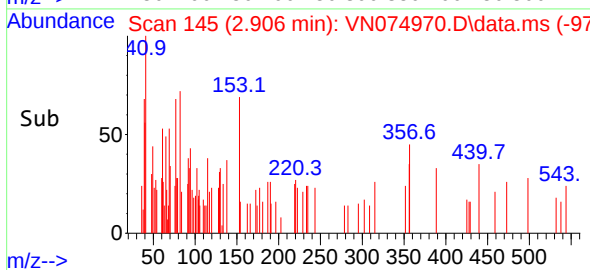
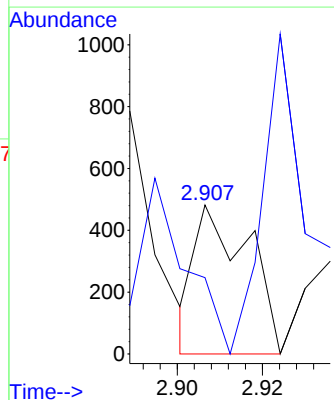
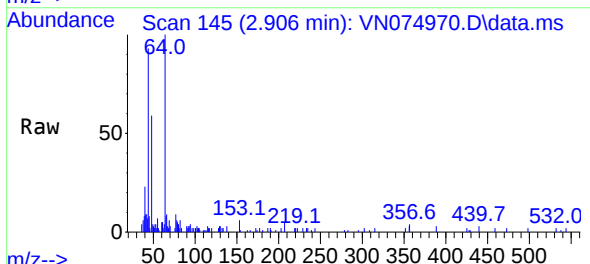
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

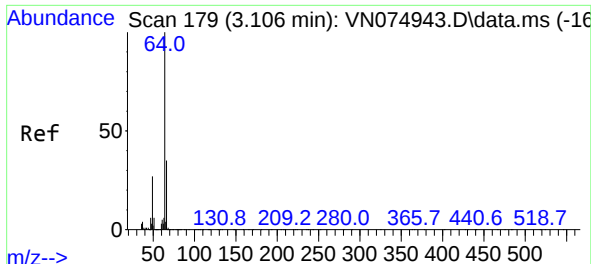
Tgt Ion: 62 Resp: 809
 Ion Ratio Lower Upper
 62 100
 64 245.5 24.5 36.7#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.906 min Scan# 145
 Delta R.T. -0.018 min
 Lab File: VN074970.D
 Acq: 21 Oct 2022 18:36

Tgt Ion: 94 Resp: 417
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

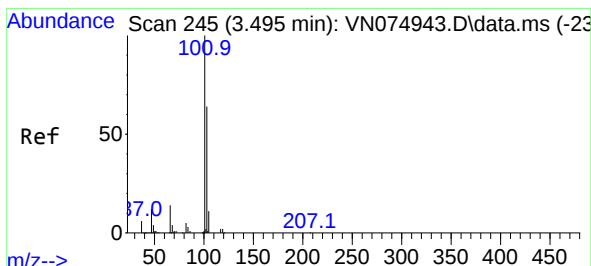
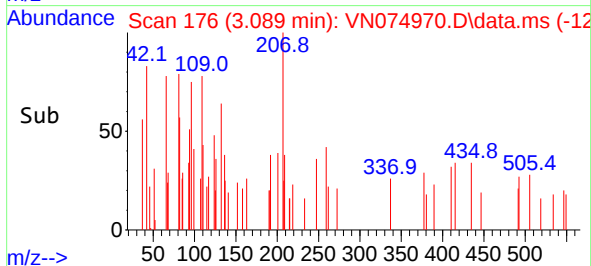
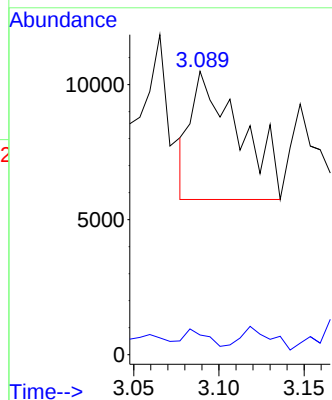
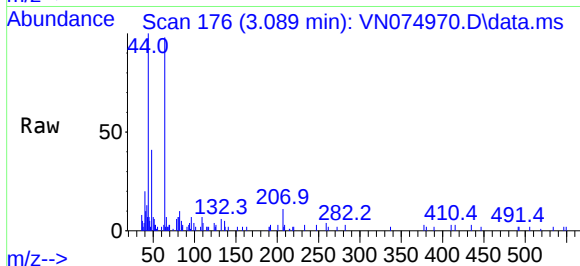




#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

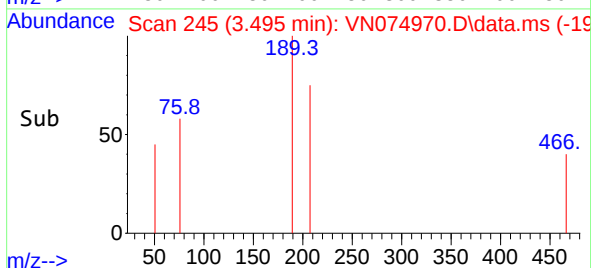
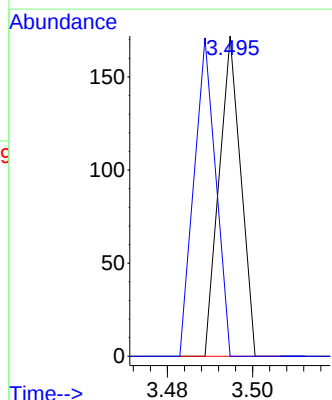
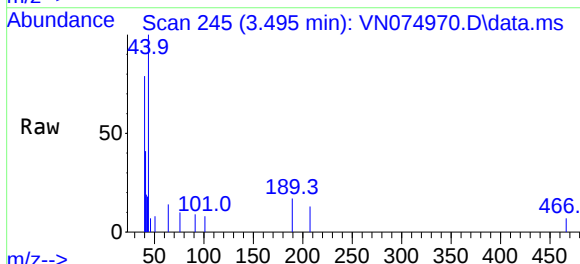
Instrument :
MSVOA_N
ClientSampleId :
MW-14

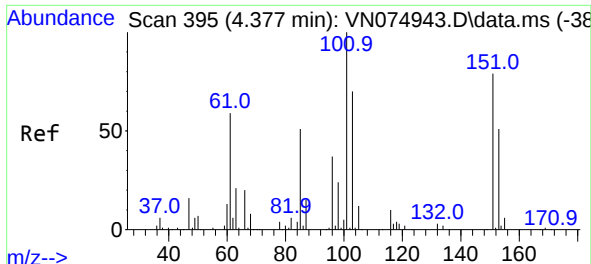
Tgt Ion: 64 Resp: 9272
Ion Ratio Lower Upper
64 100
66 4.6 27.9 41.9#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.495 min Scan# 245
Delta R.T. -0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion:101 Resp: 61
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#

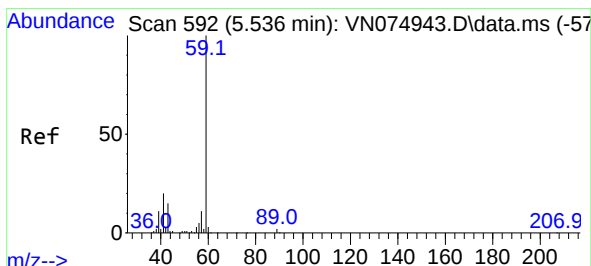
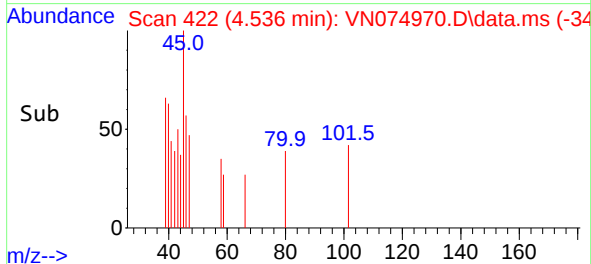
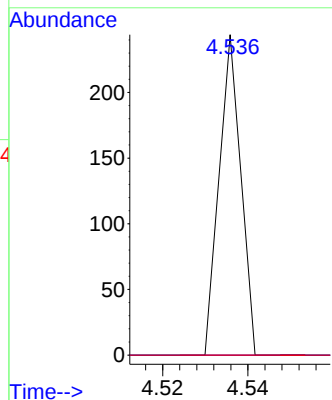
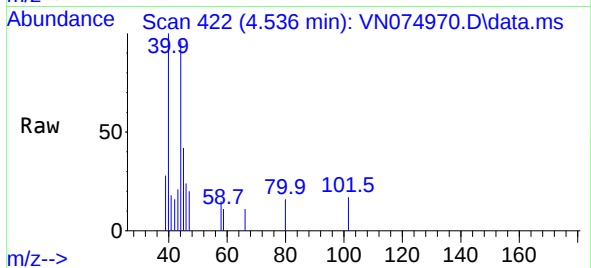




#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.536 min Scan# 41
Delta R.T. 0.159 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

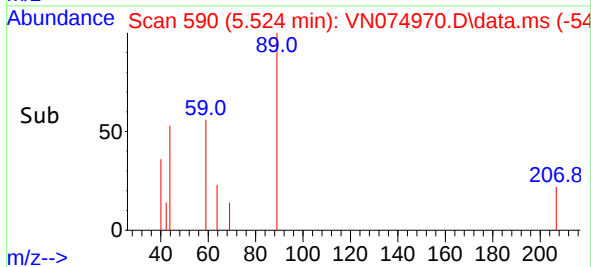
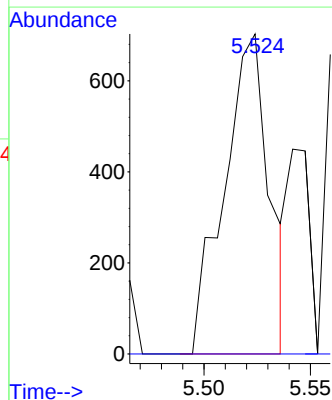
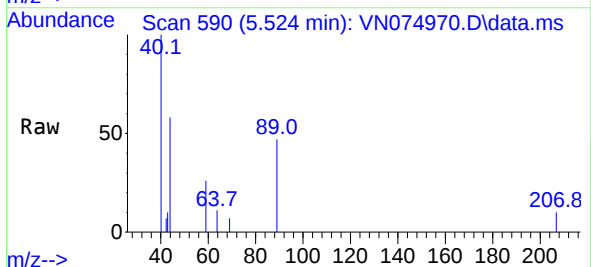
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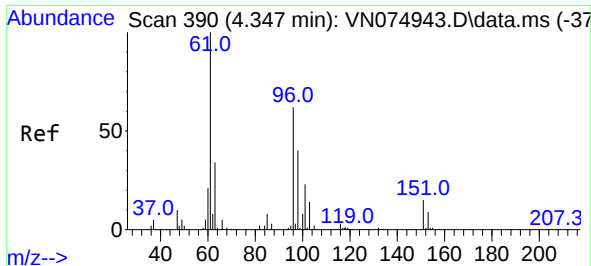
Tgt Ion:101 Resp: 86
Ion Ratio Lower Upper
101 100
85 0.0 37.8 56.8#
151 0.0 58.5 87.7#



#11
Tert butyl alcohol
Concen: 0.268 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.012 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 59 Resp: 1034
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 4.365 min Scan# 390

Delta R.T. 0.018 min

Lab File: VN074970.D

Acq: 21 Oct 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

MW-14

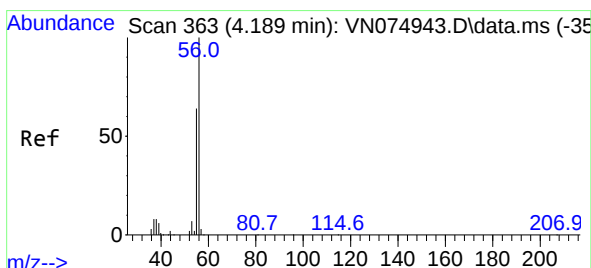
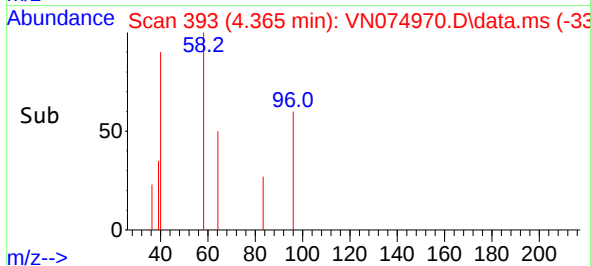
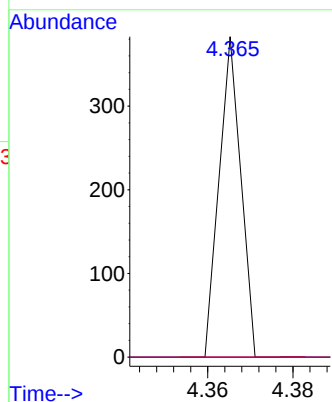
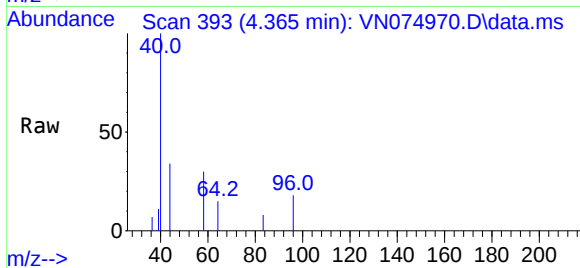
Tgt Ion: 96 Resp: 135

Ion Ratio Lower Upper

96 100

61 0.0 128.9 193.3#

98 0.0 51.8 77.8#



#13

Acrolein

Concen: Below Cal

RT: 4.212 min Scan# 367

Delta R.T. 0.023 min

Lab File: VN074970.D

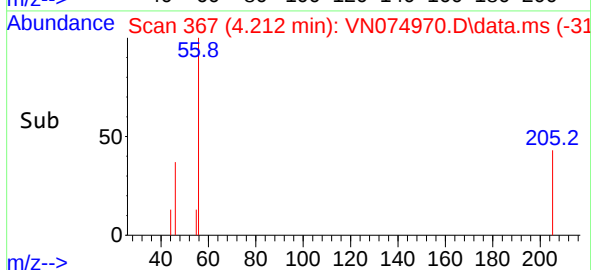
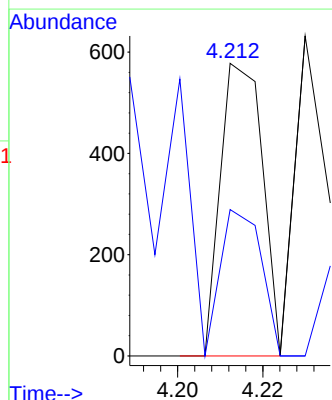
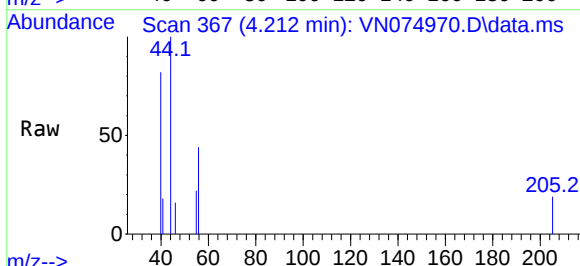
Acq: 21 Oct 2022 18:36

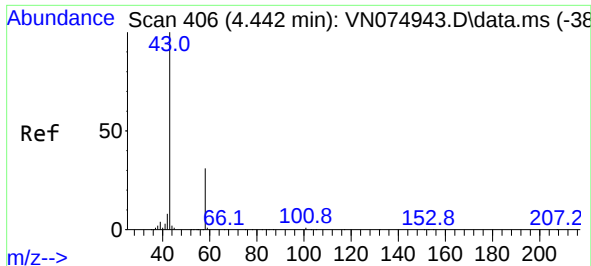
Tgt Ion: 56 Resp: 395

Ion Ratio Lower Upper

56 100

55 0.0 53.7 80.5#

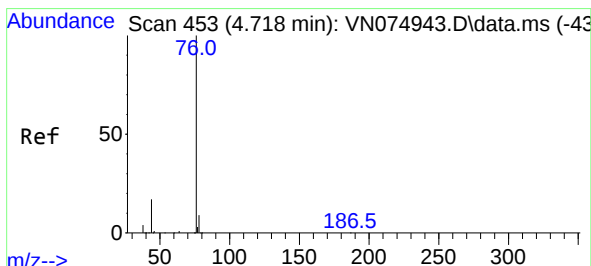
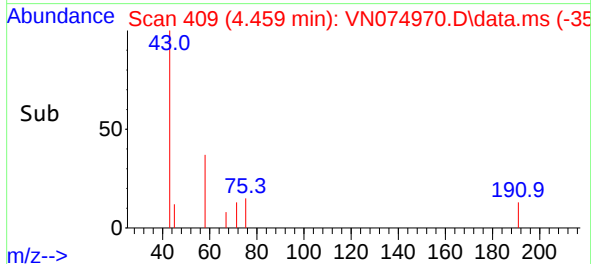
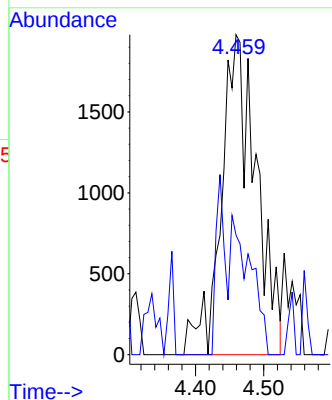
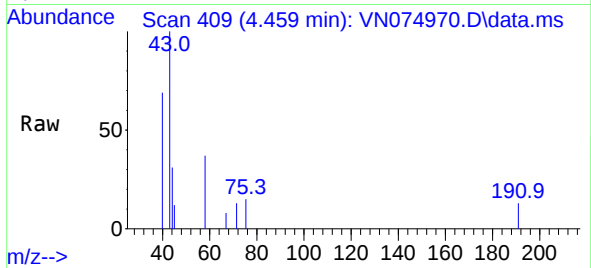




#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

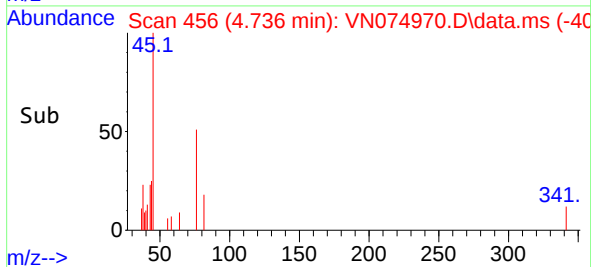
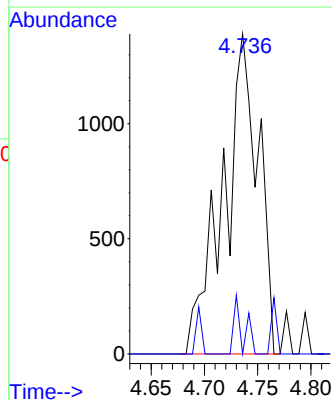
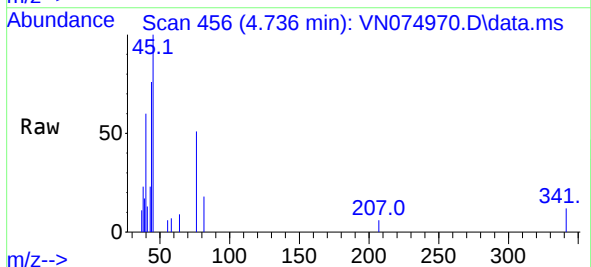
Instrument :
MSVOA_N
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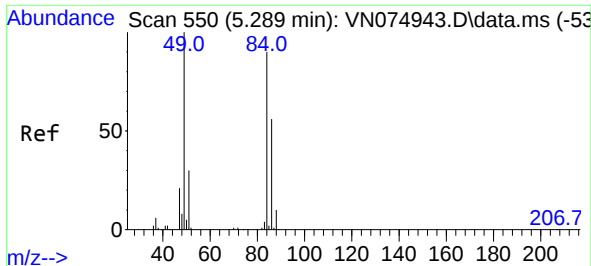
Tgt Ion: 43 Resp: 7037
Ion Ratio Lower Upper
43 100
58 37.4 25.7 38.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.736 min Scan# 456
Delta R.T. 0.018 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 76 Resp: 3175
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

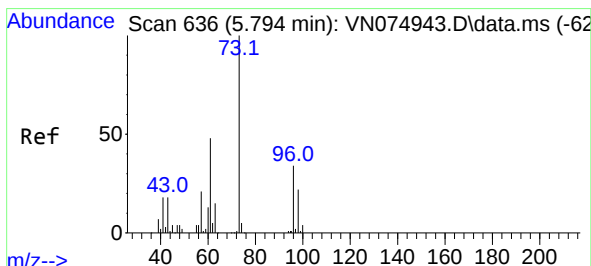
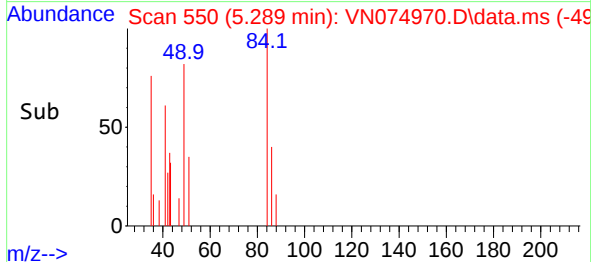
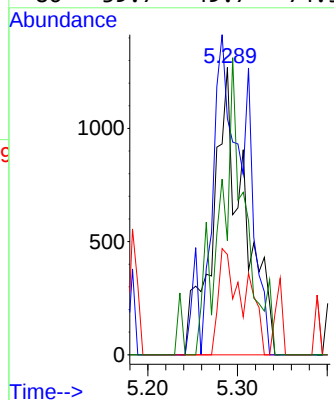
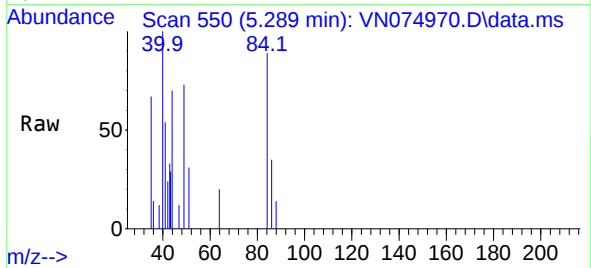




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

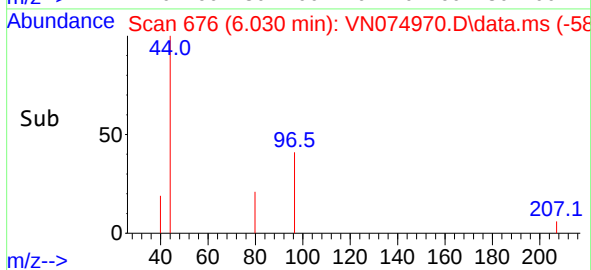
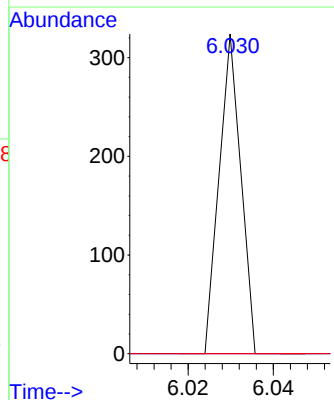
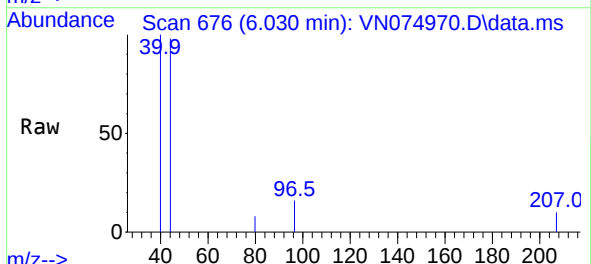
Instrument :
MSVOA_N
ClientSampleId :
MW-14

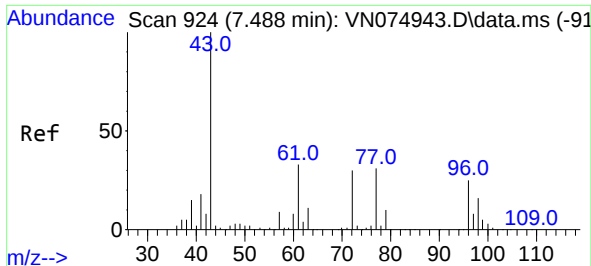
Tgt Ion: 84 Resp: 3089
Ion Ratio Lower Upper
84 100
49 82.3 88.6 133.0#
51 34.9 26.7 40.1
86 39.7 49.7 74.5#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 6.030 min Scan# 676
Delta R.T. 0.236 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 96 Resp: 114
Ion Ratio Lower Upper
96 100
61 0.0 112.6 169.0#
98 0.0 52.4 78.6#

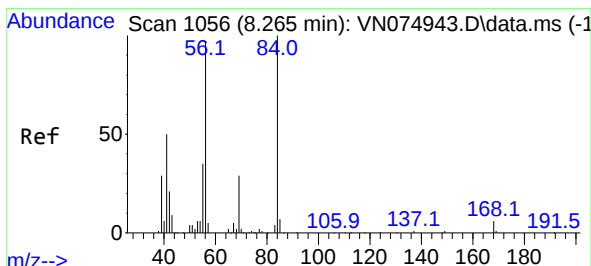
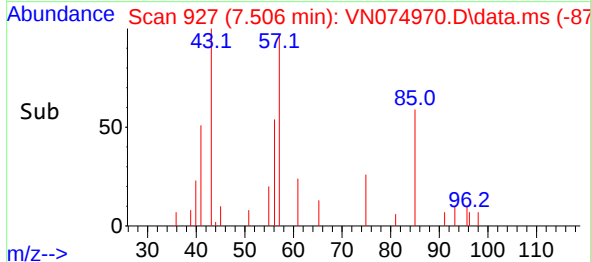
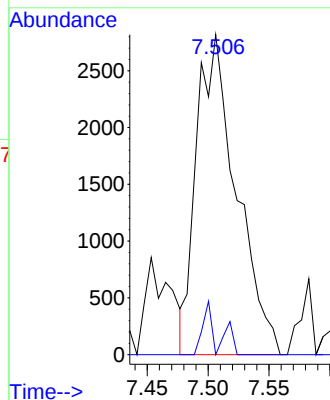
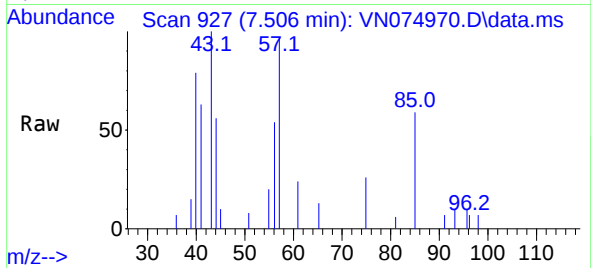




#25
2-Butanone
Concen: 0.578 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

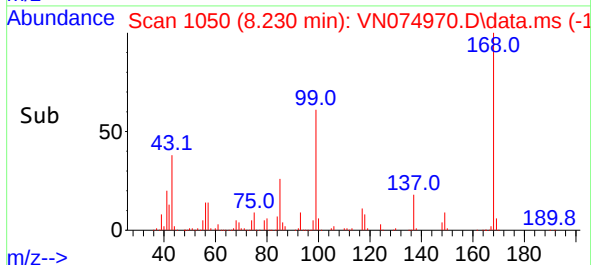
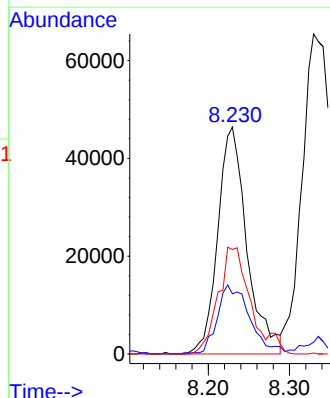
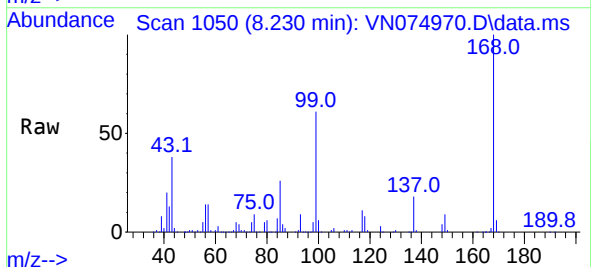
Instrument :
MSVOA_N
ClientSampleId :
MW-14

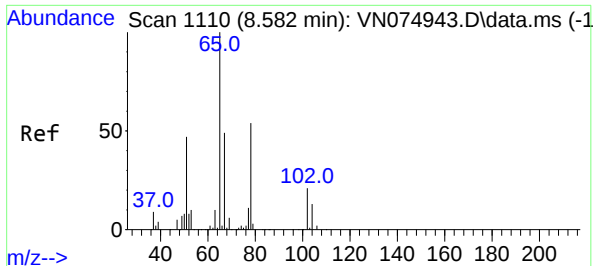
Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 6.213 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 56 Resp: 115712
Ion Ratio Lower Upper
56 100
69 26.5 24.2 36.2
84 46.1 82.8 124.2#

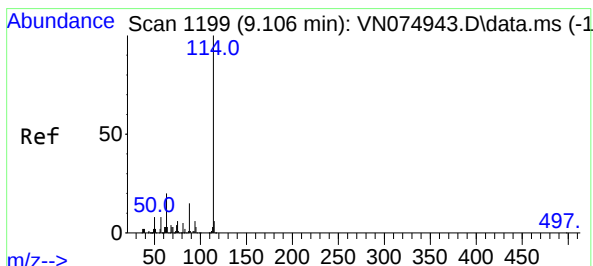
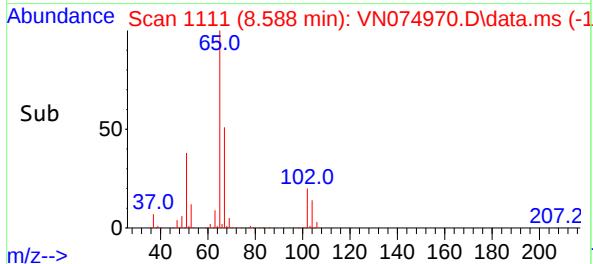
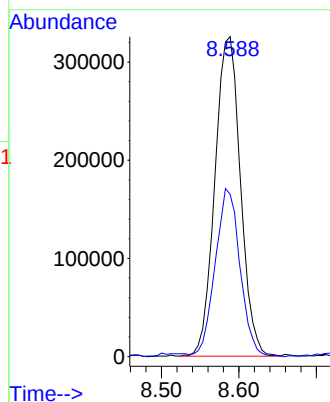
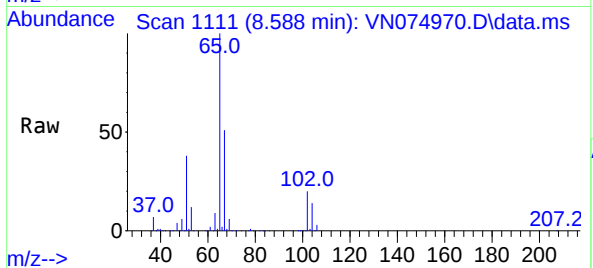




#33
1,2-Dichloroethane-d4
Concen: 40.958 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

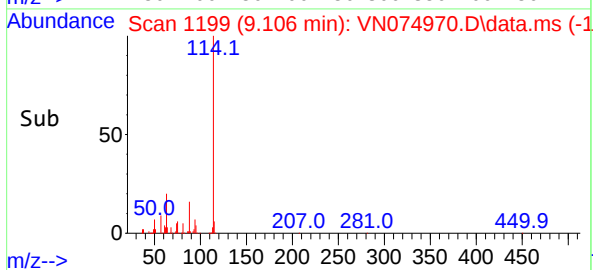
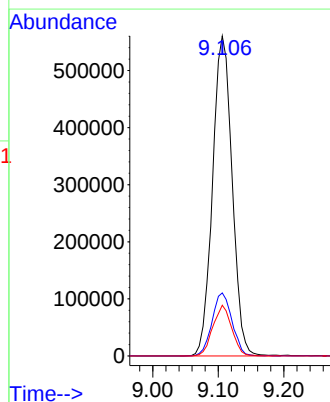
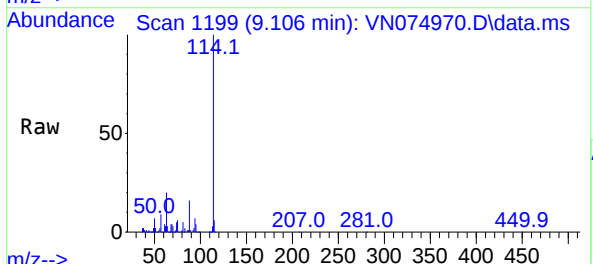
Instrument :
MSVOA_N
ClientSampleId :
MW-14

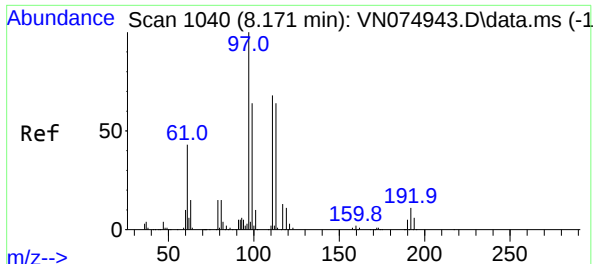
Tgt Ion: 65 Resp: 746655
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 114 Resp: 1160916
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.8
88 15.8 0.0 30.4

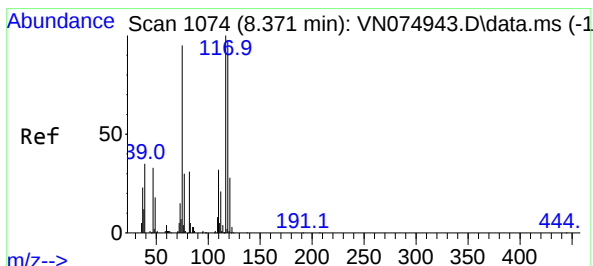
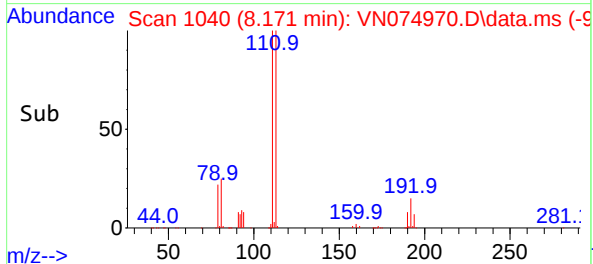
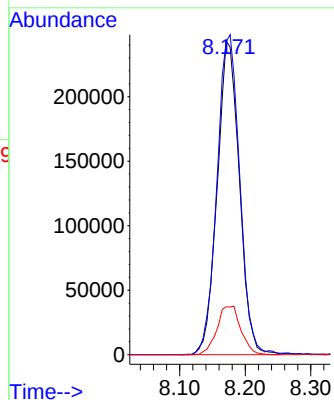
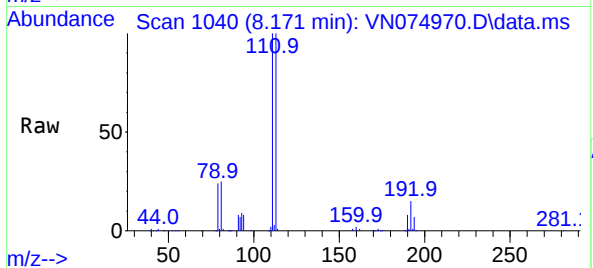




#35
Dibromofluoromethane
Concen: 41.268 ug/l
RT: 8.171 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

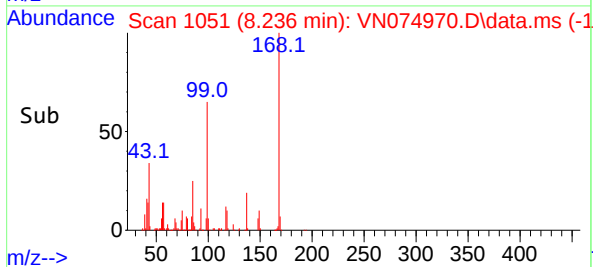
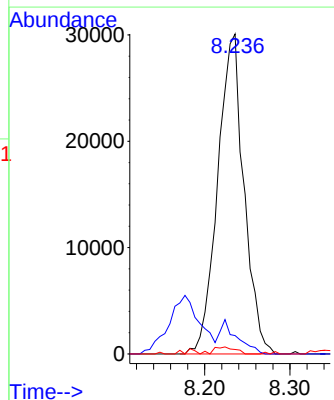
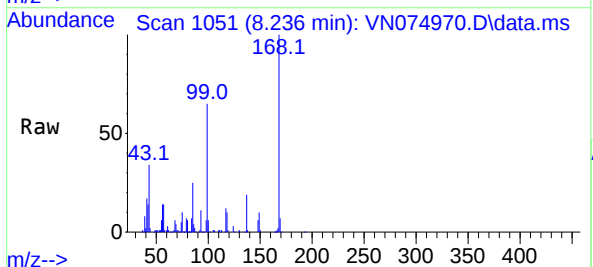
Instrument :
MSVOA_N
ClientSampleId :
MW-14

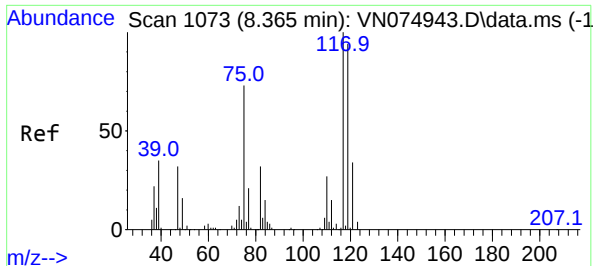
Tgt Ion:113 Resp: 570234
Ion Ratio Lower Upper
113 100
111 104.7 83.4 125.2
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 3.705 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 75 Resp: 64473
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 1.8 25.0 37.4#

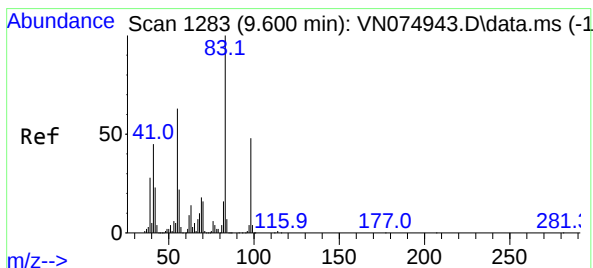
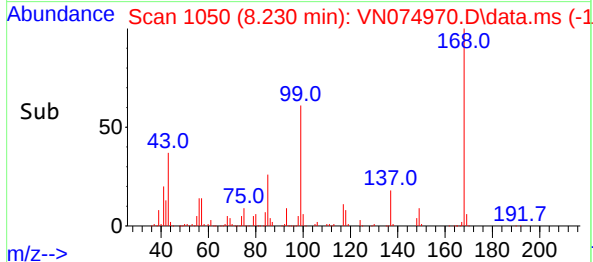
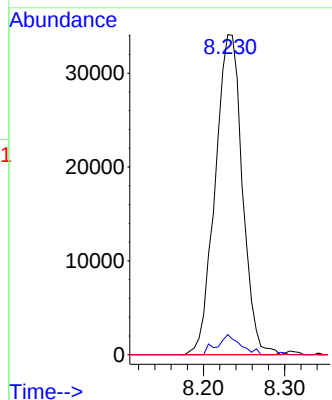
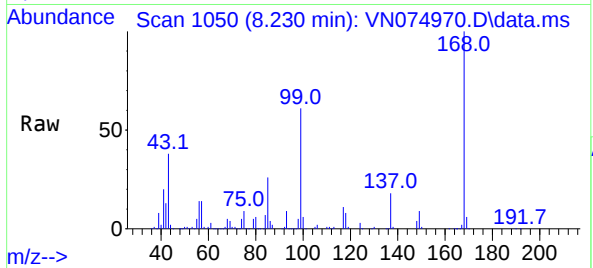




#38
Carbon Tetrachloride
Concen: 4.186 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

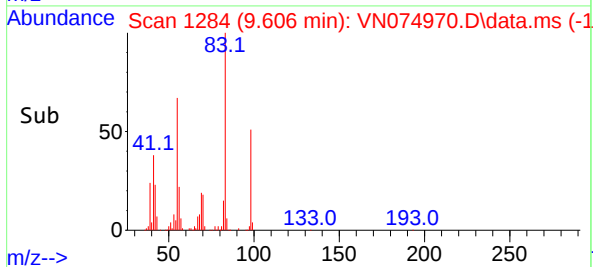
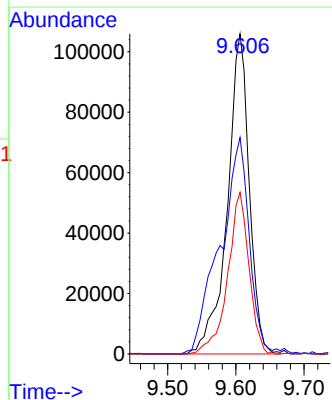
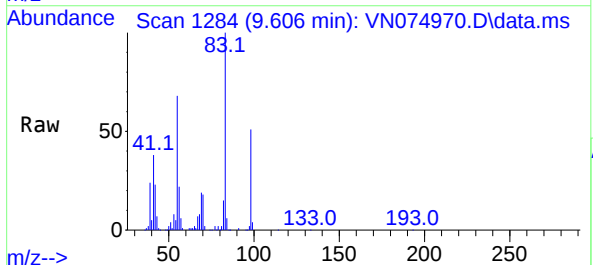
Instrument :
MSVOA_N
ClientSampleId :
MW-14

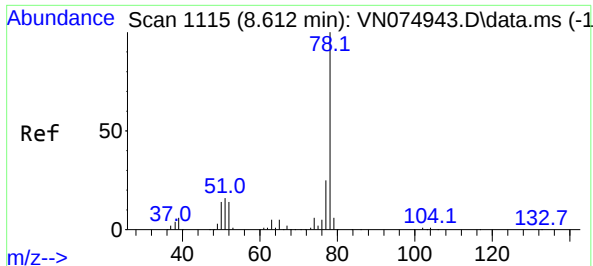
Tgt Ion:117 Resp: 79296
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 27.0 40.6#



#39
Methylcyclohexane
Concen: 11.472 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 83 Resp: 236534
Ion Ratio Lower Upper
83 100
55 67.6 50.8 76.2
98 50.5 38.8 58.2

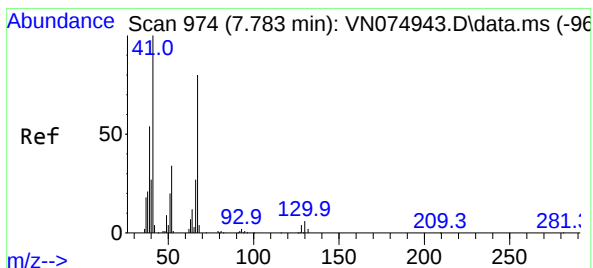
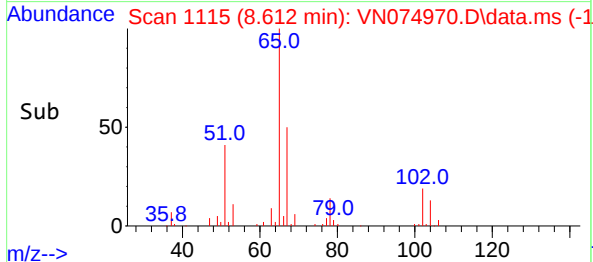
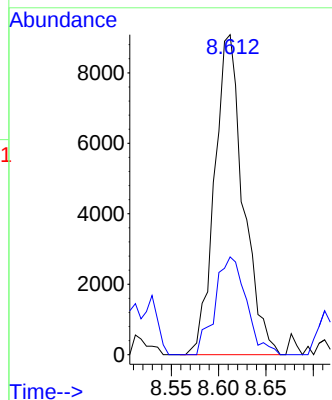
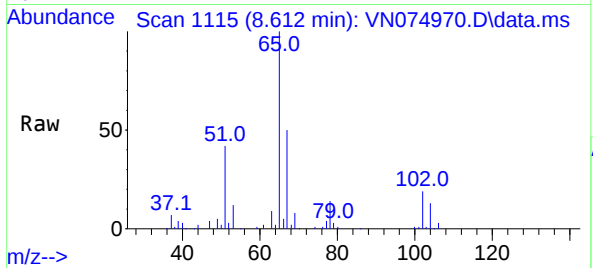




#40
Benzene
Concen: 0.358 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

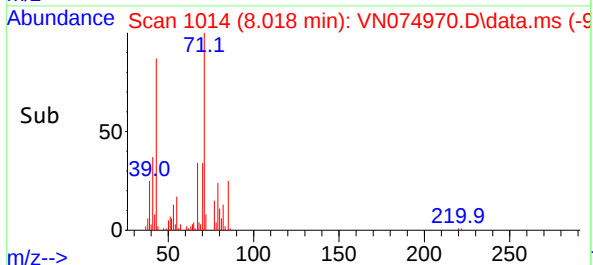
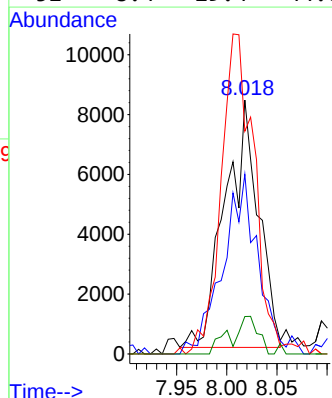
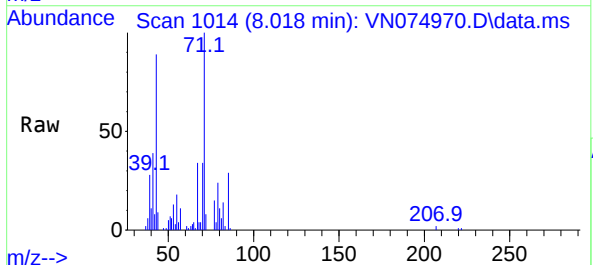
Instrument :
MSVOA_N
ClientSampleId :
MW-14

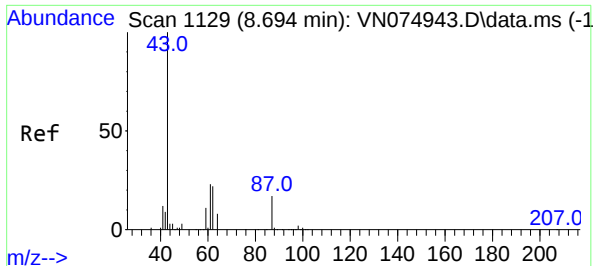
Tgt Ion: 78 Resp: 19224
Ion Ratio Lower Upper
78 100
77 30.6 19.6 29.4#



#41
Methacrylonitrile
Concen: 1.860 ug/l
RT: 8.018 min Scan# 1014
Delta R.T. 0.235 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 41 Resp: 19130
Ion Ratio Lower Upper
41 100
39 75.1 47.9 71.9#
67 0.0 70.8 106.2#
52 8.4 29.4 44.0#





#43

Isopropyl Acetate

Concen: 2.648 ug/l

RT: 8.706 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VN074970.D

Acq: 21 Oct 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

MW-14

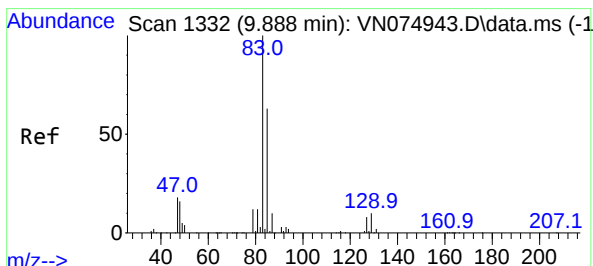
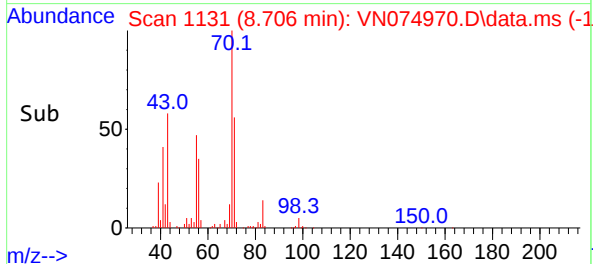
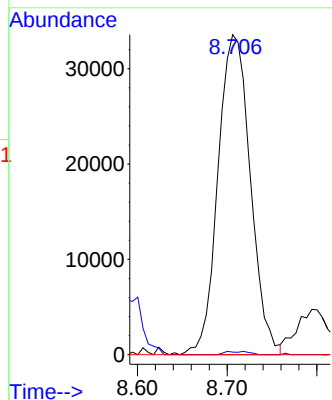
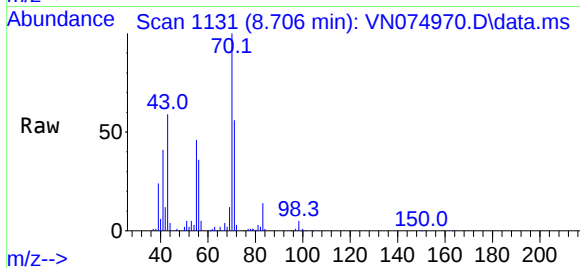
Tgt Ion: 43 Resp: 84148

Ion Ratio Lower Upper

43 100

61 0.0 22.3 33.5#

87 0.0 12.8 19.2#



#47

Bromodichloromethane

Concen: 0.420 ug/l

RT: 9.771 min Scan# 1312

Delta R.T. -0.118 min

Lab File: VN074970.D

Acq: 21 Oct 2022 18:36

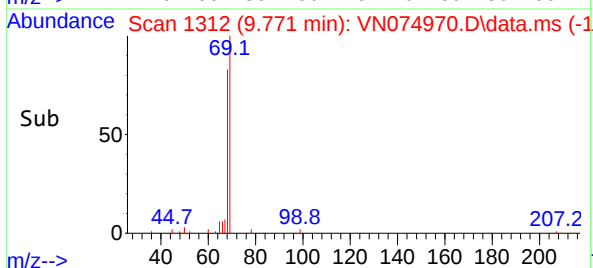
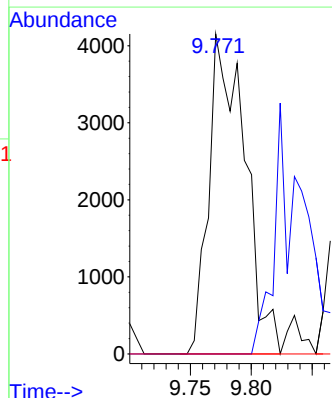
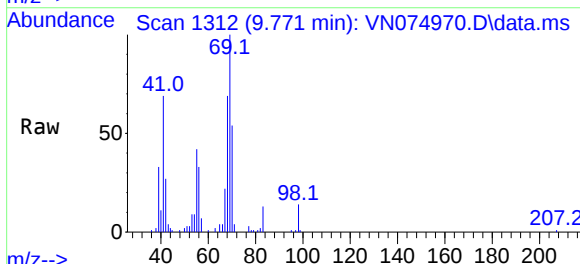
Tgt Ion: 83 Resp: 8569

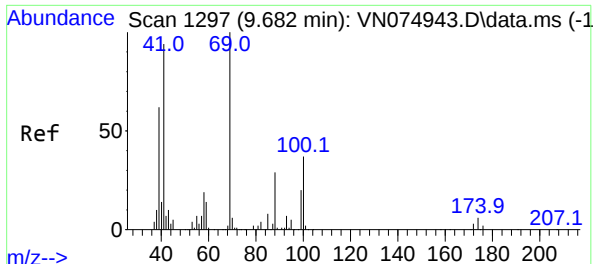
Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 6.5 9.7#





#48

Methyl methacrylate

Concen: 10.861 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.082 min

Lab File: VN074970.D

Acq: 21 Oct 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

MW-14

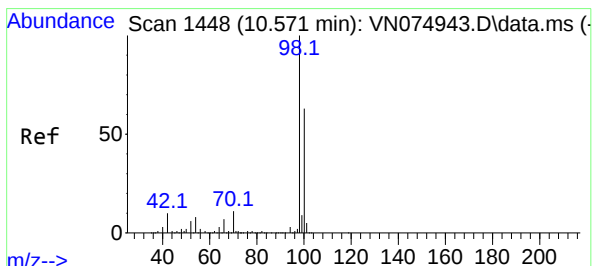
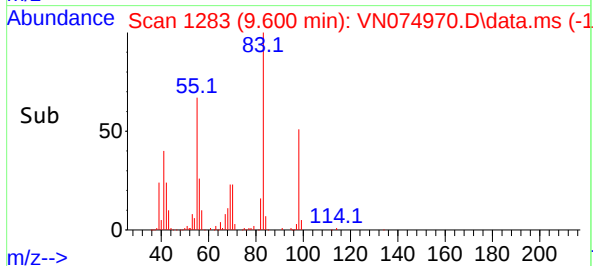
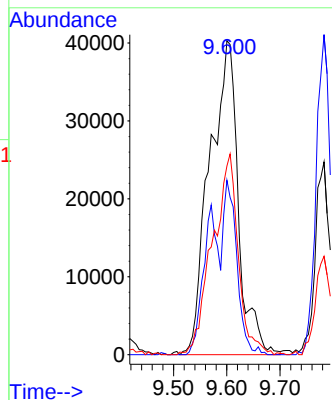
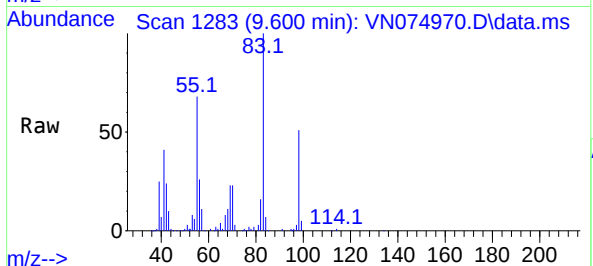
Tgt Ion: 41 Resp: 150938

Ion Ratio Lower Upper

41 100

69 24.8 79.7 119.5#

39 57.4 55.1 82.7



#50

Toluene-d8

Concen: 46.343 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074970.D

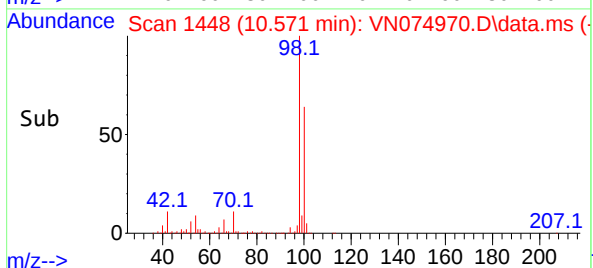
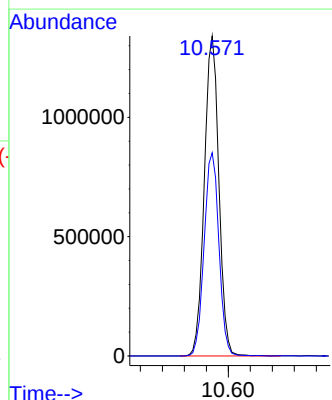
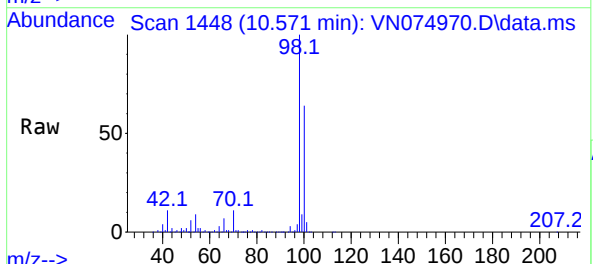
Acq: 21 Oct 2022 18:36

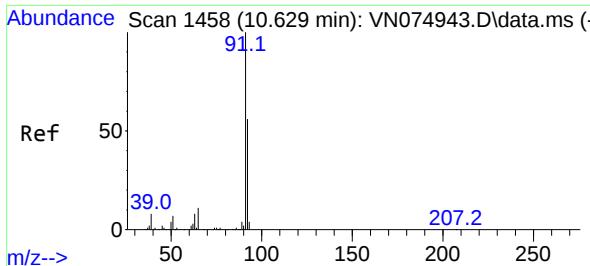
Tgt Ion: 98 Resp: 2456912

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2

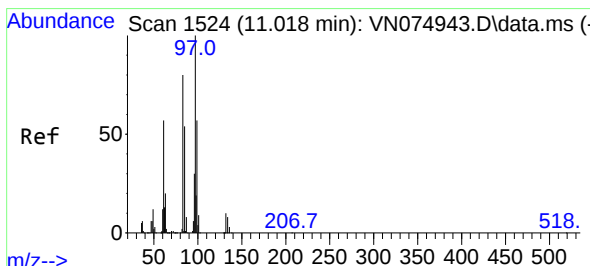
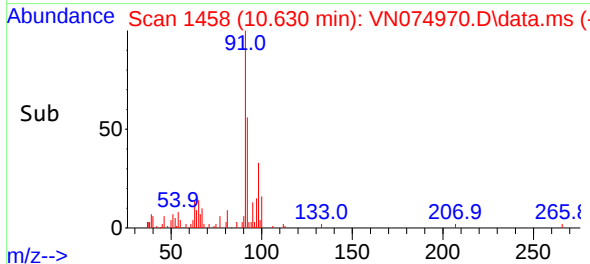
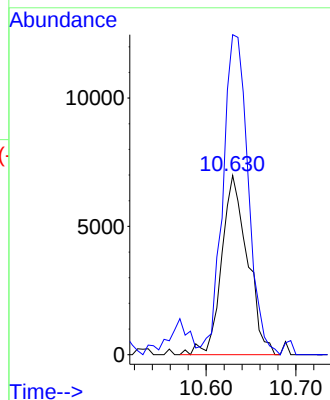
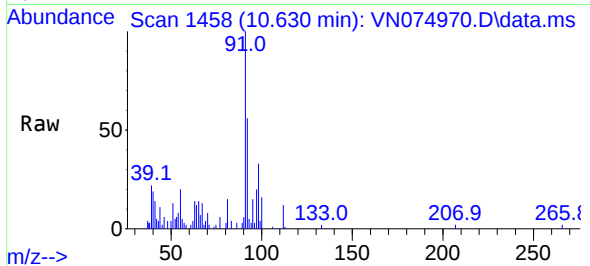




#52
Toluene
Concen: 0.399 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

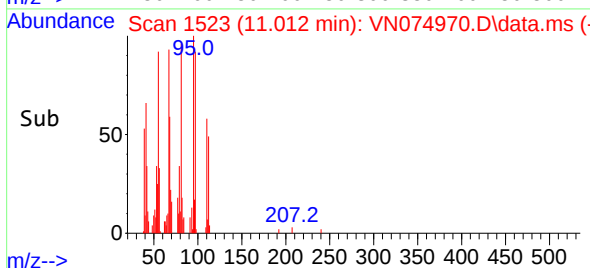
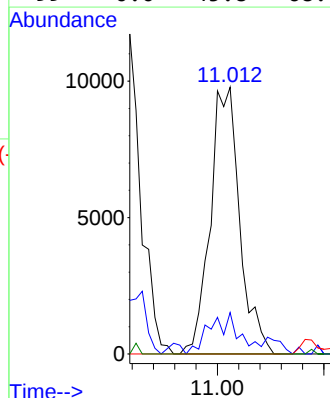
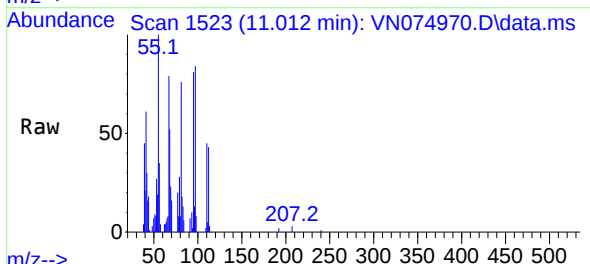
Instrument :
MSVOA_N
ClientSampleId :
MW-14

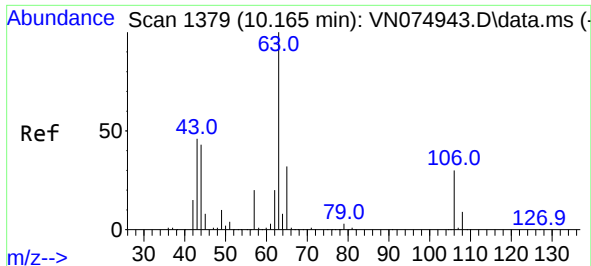
Tgt Ion: 92 Resp: 13973
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 1.276 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 97 Resp: 18745
Ion Ratio Lower Upper
97 100
83 12.3 64.2 96.4#
85 0.0 43.3 64.9#
99 0.0 45.8 68.6#

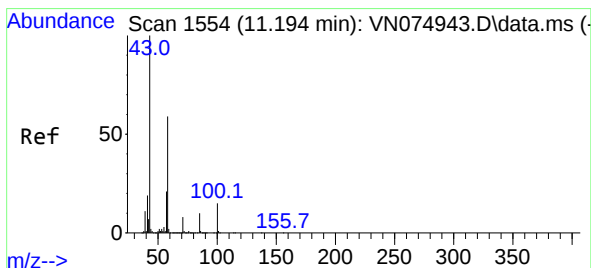
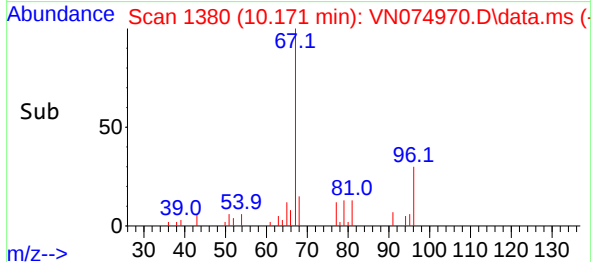
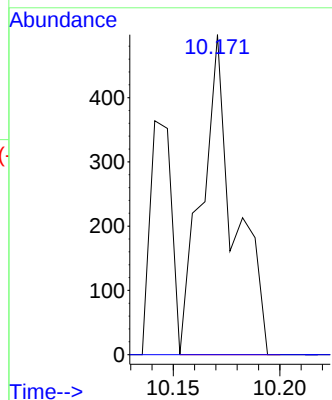
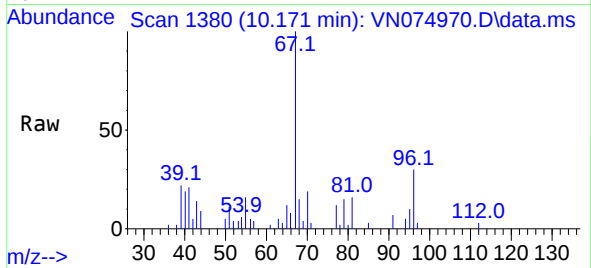




#58
2-Chloroethyl Vinyl ether
Concen: 3.662 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

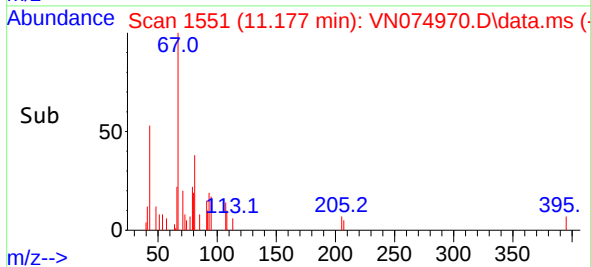
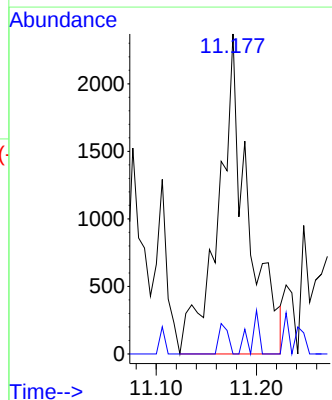
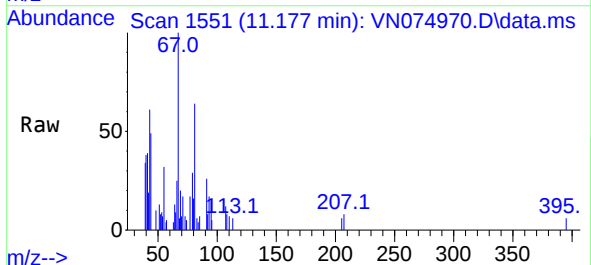
Instrument :
MSVOA_N
ClientSampleId :
MW-14

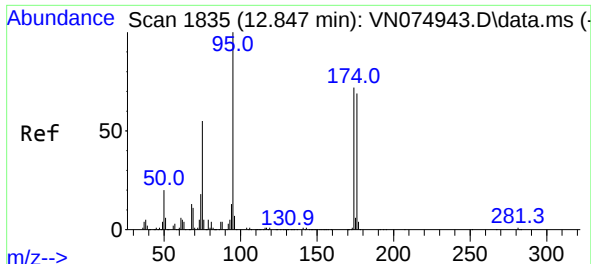
Tgt Ion: 63 Resp: 534
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#



#59
2-Hexanone
Concen: 0.303 ug/l
RT: 11.177 min Scan# 1551
Delta R.T. -0.018 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 43 Resp: 4831
Ion Ratio Lower Upper
43 100
58 2.9 29.5 88.5#

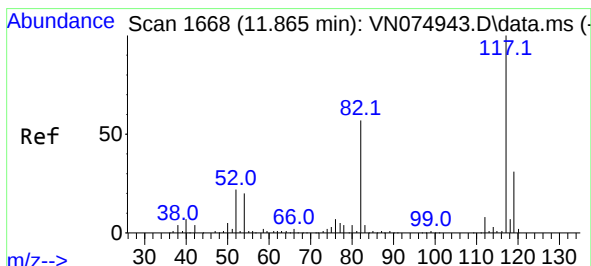
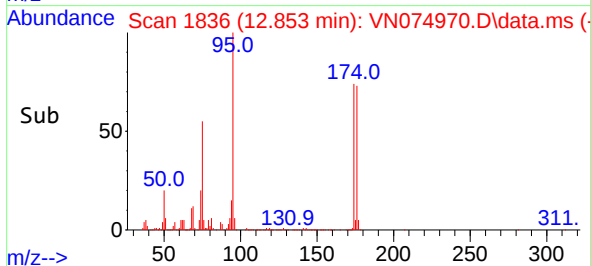
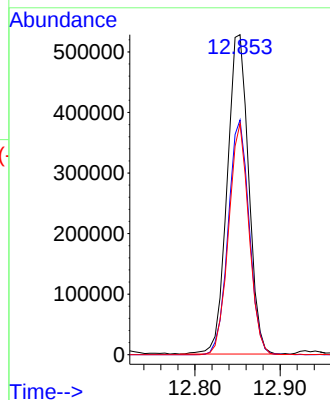
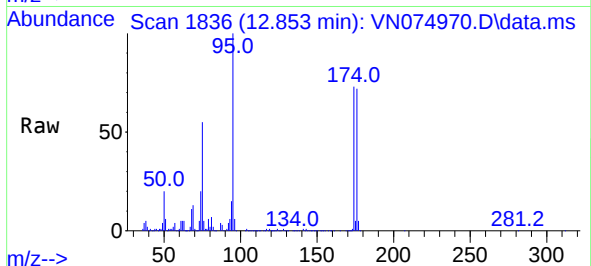




#62
4-Bromofluorobenzene
Concen: 49.204 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

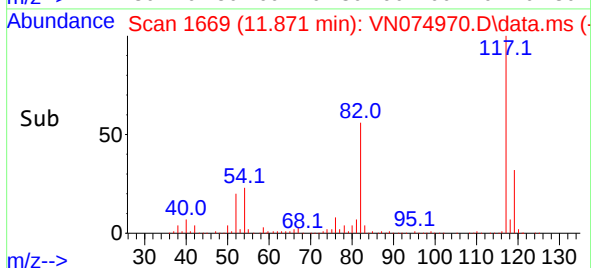
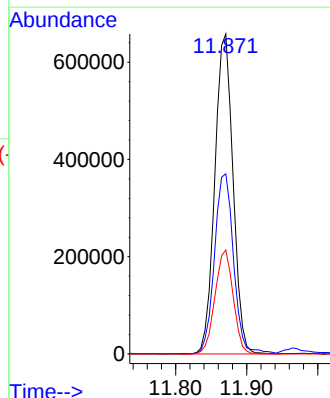
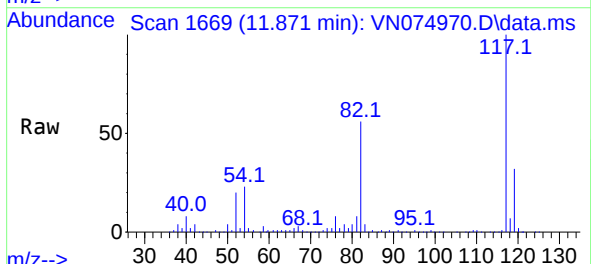
Instrument :
MSVOA_N
ClientSampleId :
MW-14

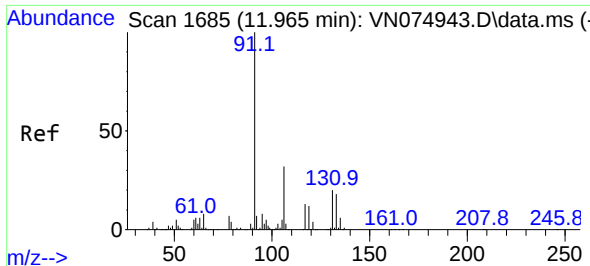
Tgt Ion: 95 Resp: 920145
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.0
176 68.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 117 Resp: 1170431
Ion Ratio Lower Upper
117 100
82 56.1 45.6 68.4
119 32.5 25.1 37.7

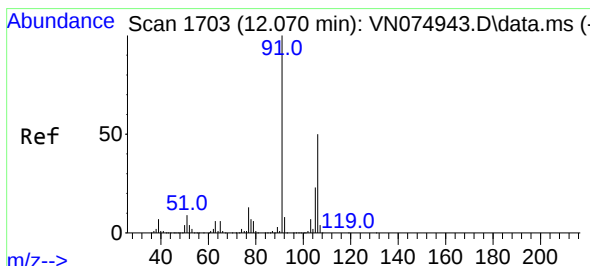
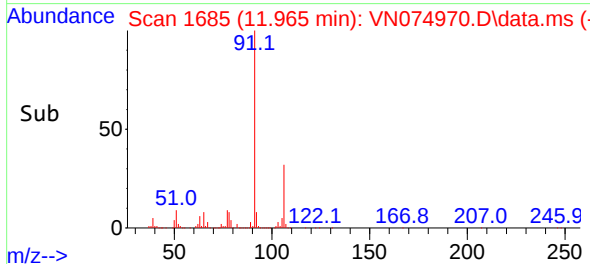
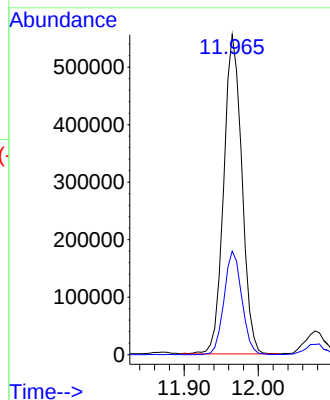
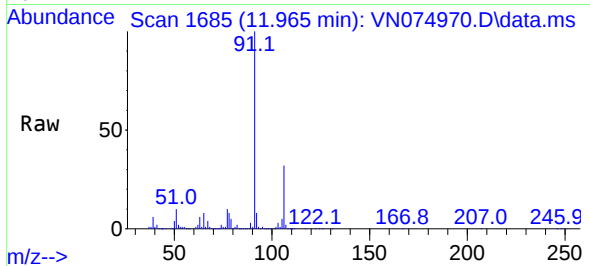




#67
Ethyl Benzene
Concen: 14.984 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

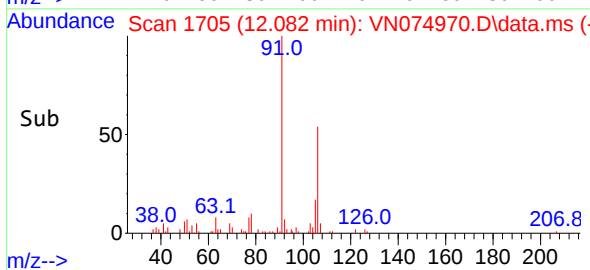
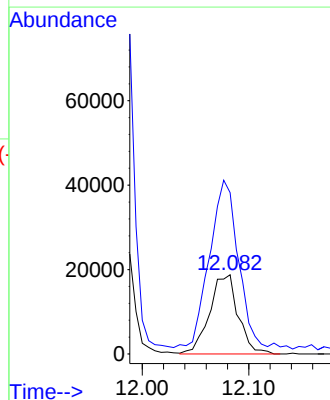
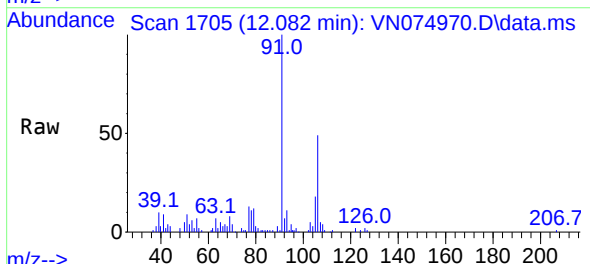
Instrument :
MSVOA_N
ClientSampleId :
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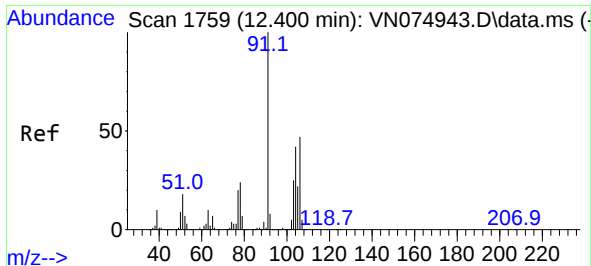
Tgt Ion: 91 Resp: 941564
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 1.426 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.012 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion:106 Resp: 34934
Ion Ratio Lower Upper
106 100
91 211.1 159.7 239.5

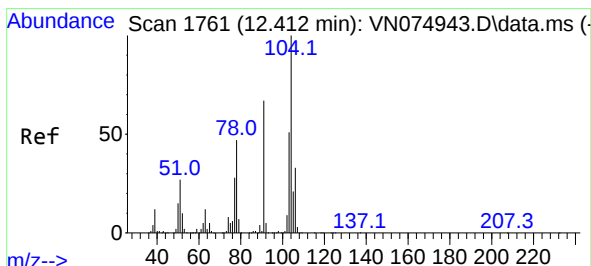
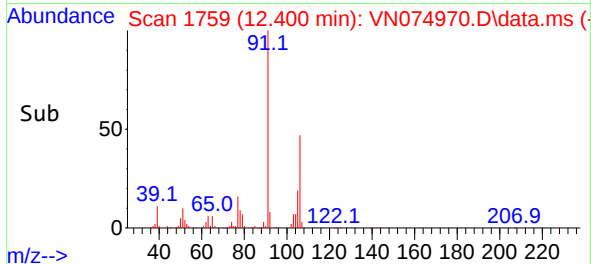
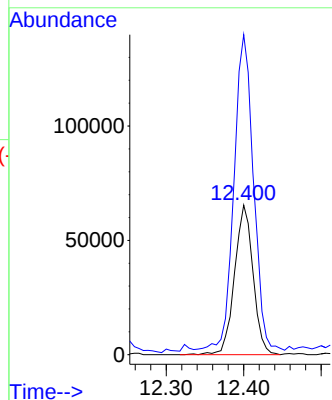
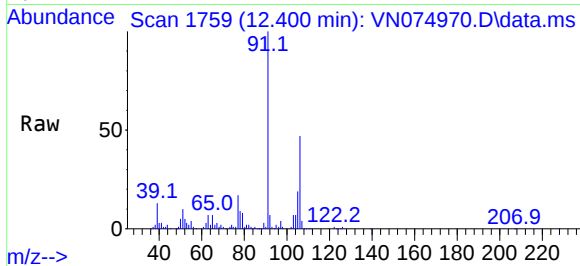




#69
o-Xylene
Concen: 4.431 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

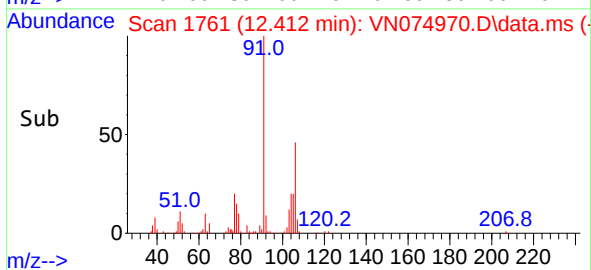
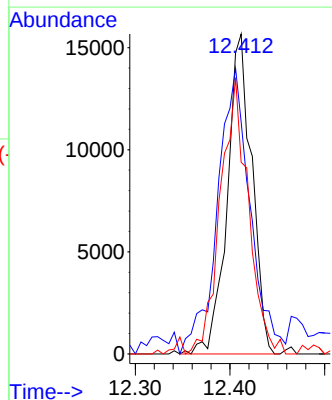
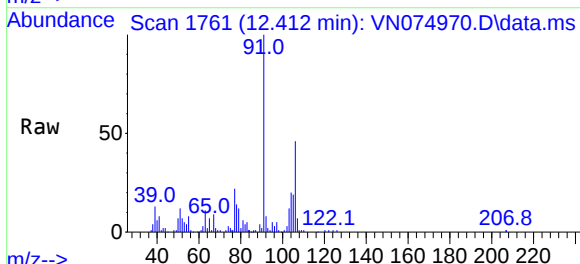
Instrument :
MSVOA_N
ClientSampleId :
MW-14

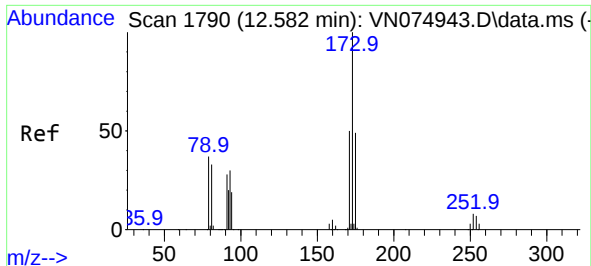
Tgt Ion:106 Resp: 108760
Ion Ratio Lower Upper
106 100
91 221.3 103.6 310.7



#70
Styrene
Concen: 0.725 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion:104 Resp: 28220
Ion Ratio Lower Upper
104 100
78 118.7 39.4 59.2#
103 98.0 43.0 64.4#

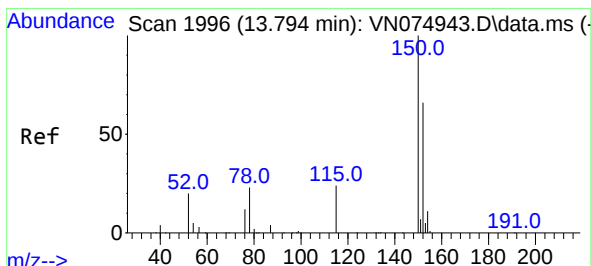
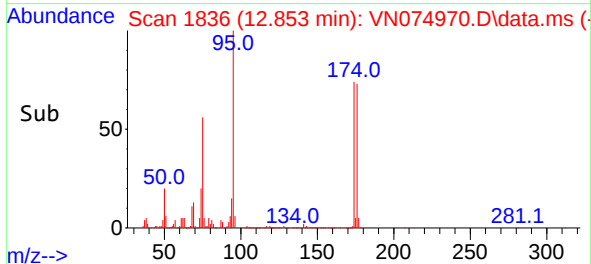
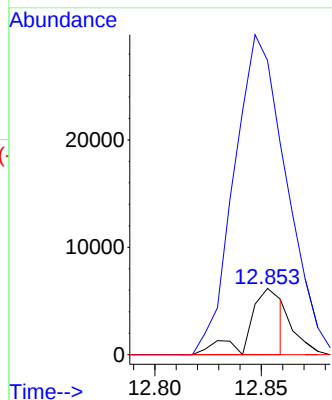
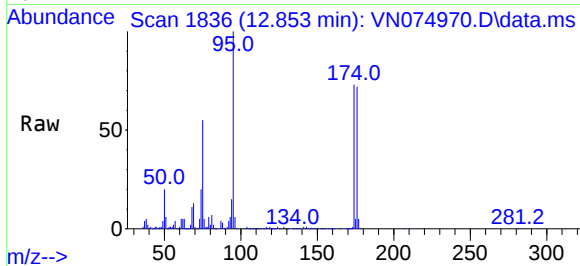




#71
Bromoform
Concen: 0.670 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

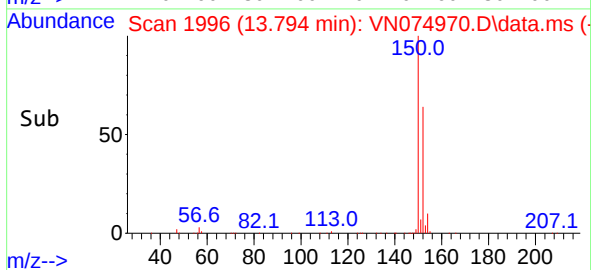
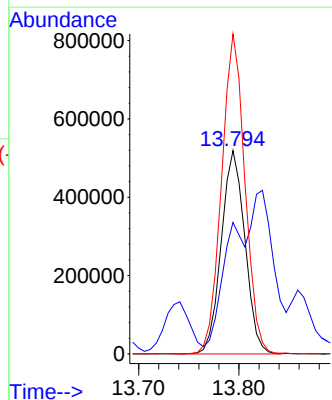
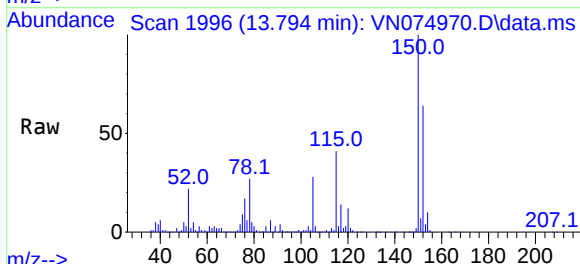
Instrument :
MSVOA_N
ClientSampleId :
MW-14

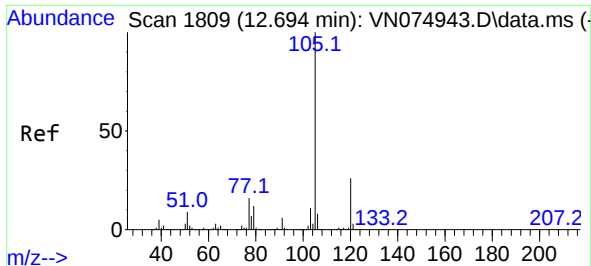
Tgt Ion:173 Resp: 6749
Ion Ratio Lower Upper
173 100
175 629.6 24.8 74.3#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion:152 Resp: 847081
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 155.9 0.0 349.6

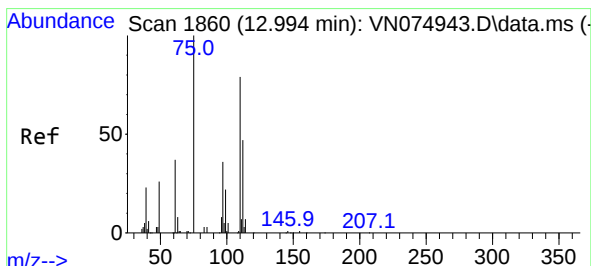
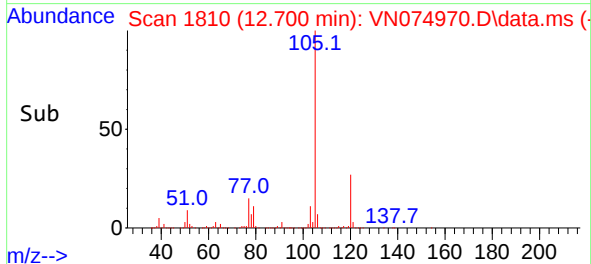
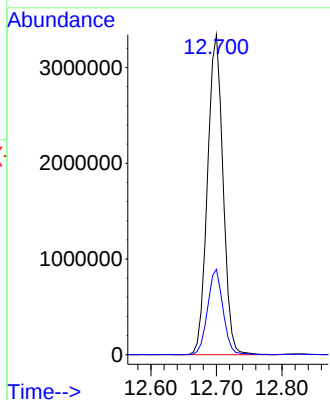
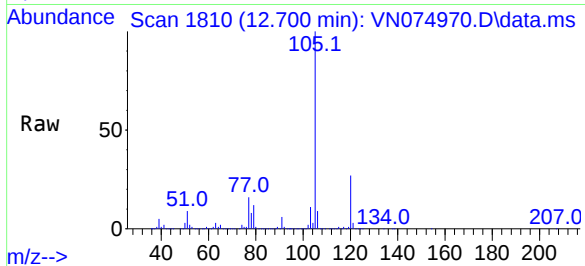




#73
Isopropylbenzene
Concen: 79.497 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

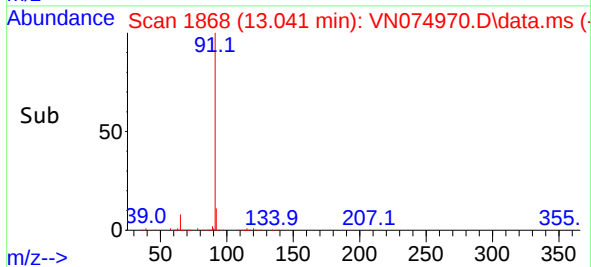
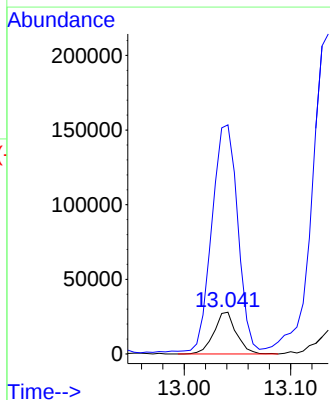
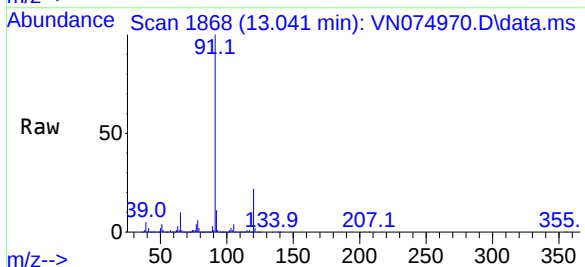
Instrument :
MSVOA_N
ClientSampleId :
MW-14

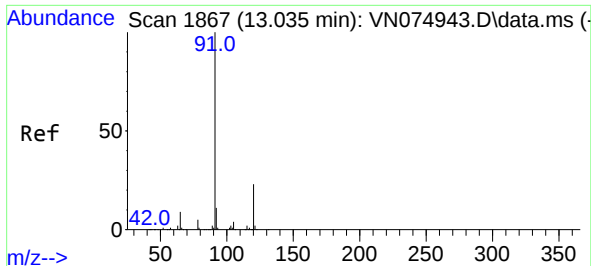
Tgt Ion:105 Resp: 5500421
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 1.775 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.047 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 75 Resp: 40773
Ion Ratio Lower Upper
75 100
77 637.1 81.0 243.0#

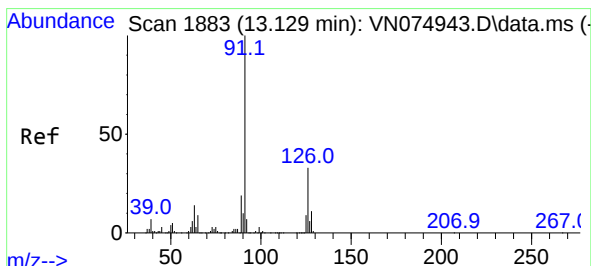
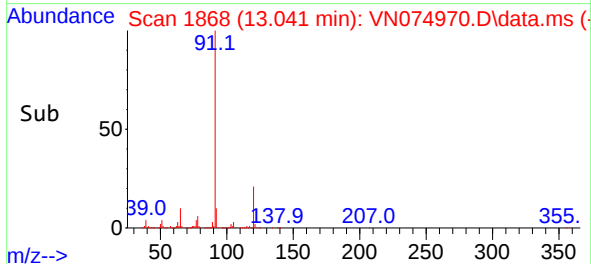
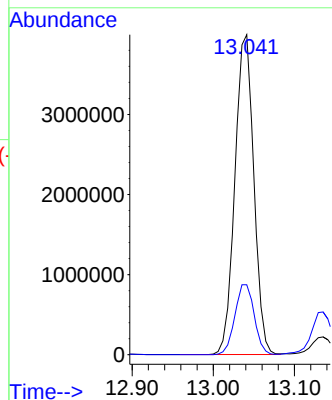
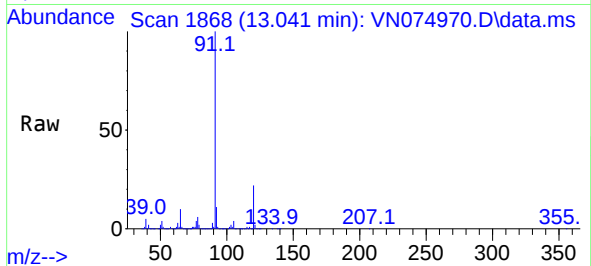




#78
n-propylbenzene
Concen: 79.597 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

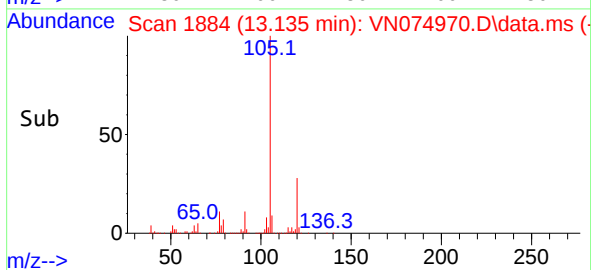
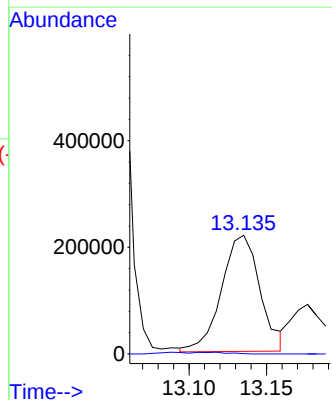
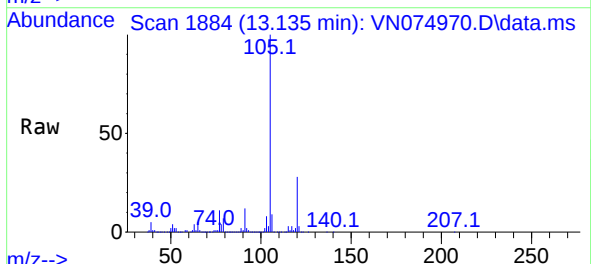
Instrument :
MSVOA_N
ClientSampleId :
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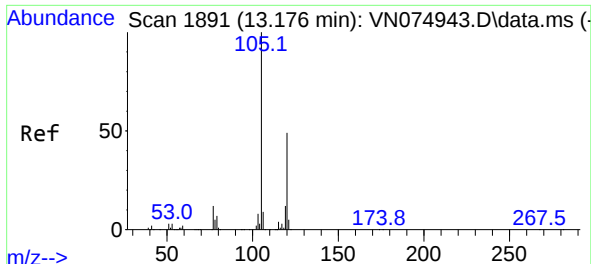
Tgt Ion: 91 Resp: 6445537
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 7.522 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 91 Resp: 377307
Ion Ratio Lower Upper
91 100
126 1.2 17.0 51.0#

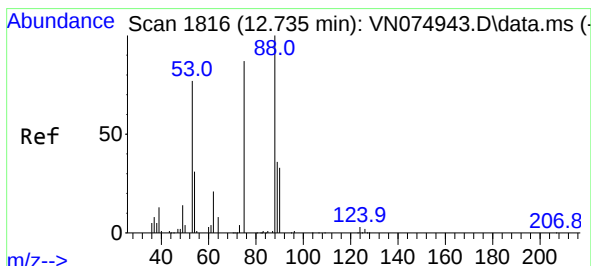
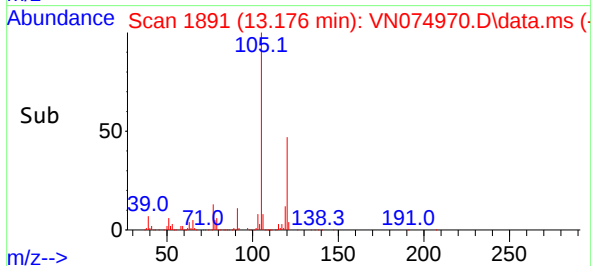
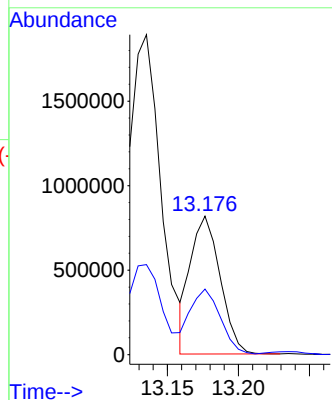
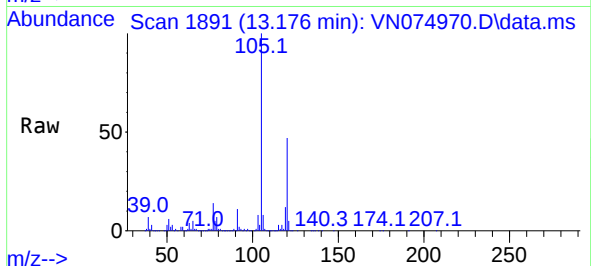




#80
1,3,5-Trimethylbenzene
Concen: 19.828 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

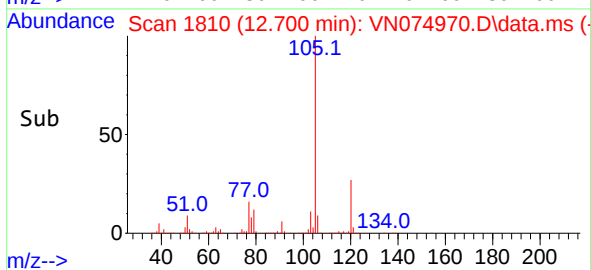
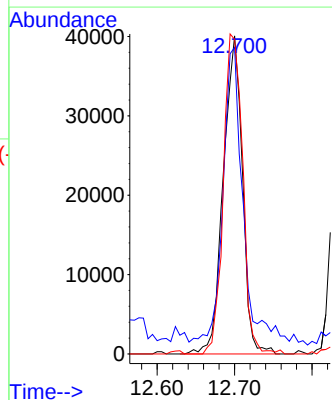
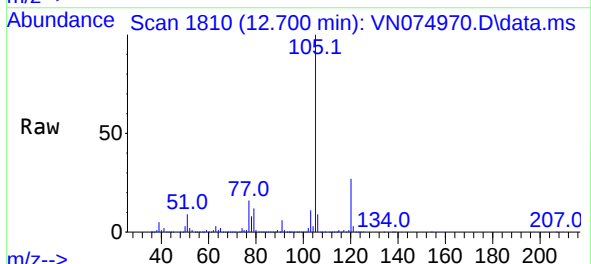
Instrument :
MSVOA_N
ClientSampleId :
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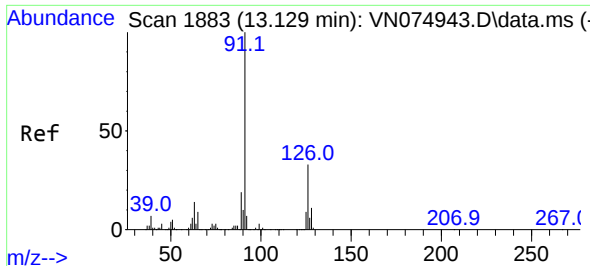
Tgt Ion:105 Resp: 1185023
Ion Ratio Lower Upper
105 100
120 51.3 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 9.588 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.035 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 75 Resp: 68696
Ion Ratio Lower Upper
75 100
53 99.8 79.2 118.8
89 101.5 37.9 56.9#

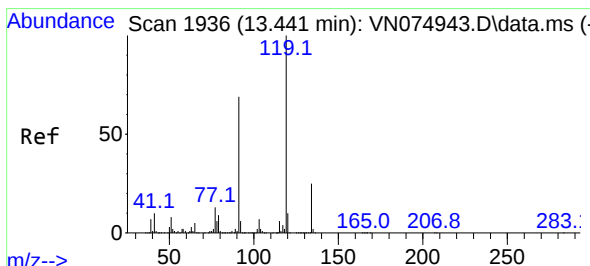
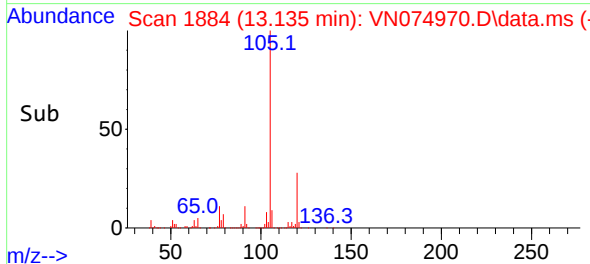
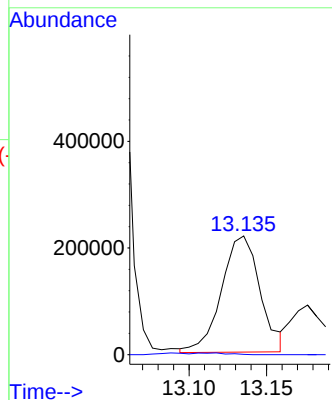
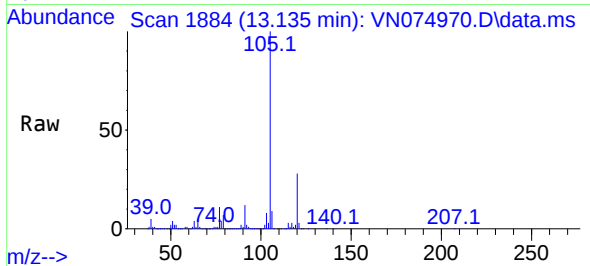




#82
4-Chlorotoluene
Concen: 7.522 ug/l
RT: 13.135 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

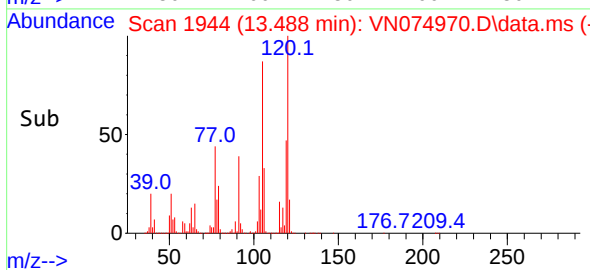
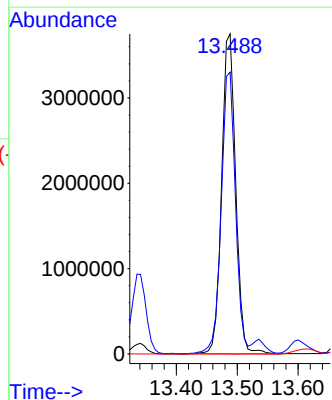
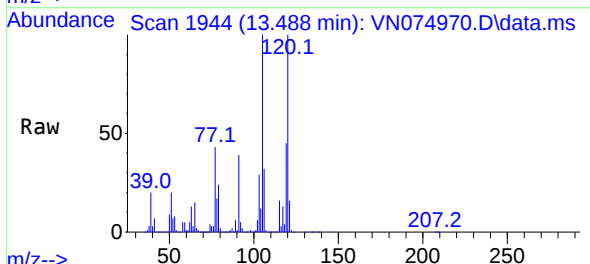
Instrument :
MSVOA_N
ClientSampleId :
MW-14

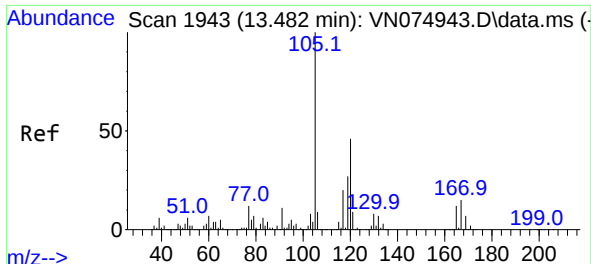
Tgt Ion: 91 Resp: 377307
Ion Ratio Lower Upper
91 100
126 1.2 17.0 51.0#



#83
tert-Butylbenzene
Concen: 113.542 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 119 Resp: 6005186
Ion Ratio Lower Upper
119 100
91 89.2 33.1 99.3
134 0.0 12.4 37.0#

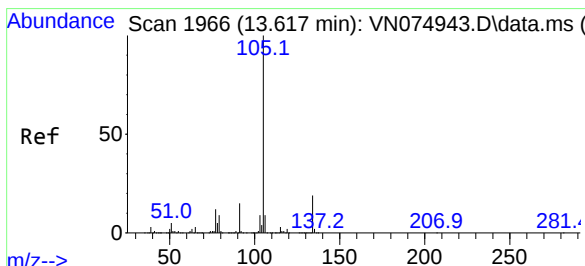
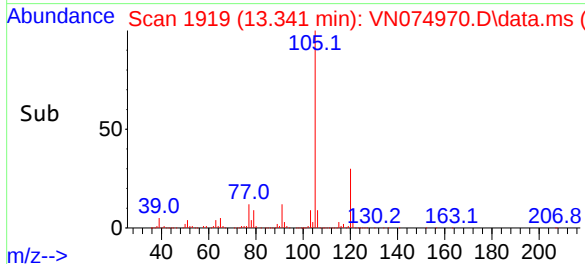
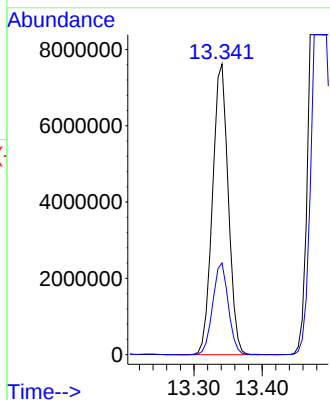
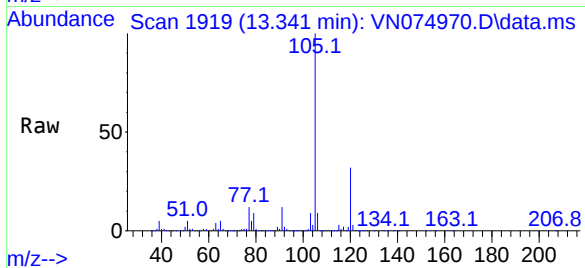




#84
1,2,4-Trimethylbenzene
Concen: 203.211 ug/l
RT: 13.341 min Scan# 1943
Delta R.T. -0.141 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

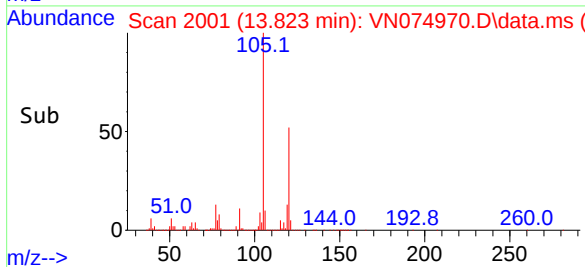
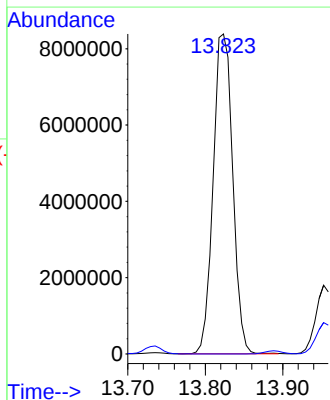
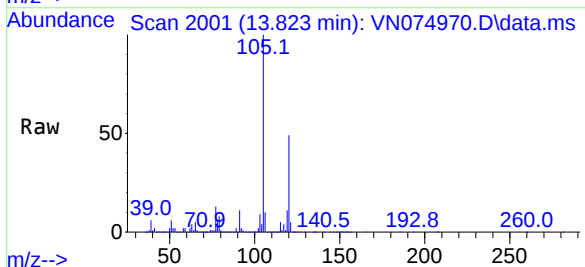
Instrument :
MSVOA_N
ClientSampleId :
MW-14

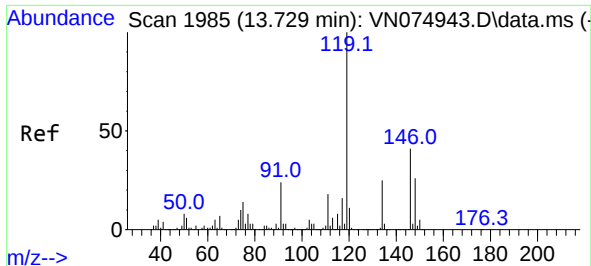
Tgt Ion:105 Resp:12266736
Ion Ratio Lower Upper
105 100
120 31.2 22.9 68.5



#85
sec-Butylbenzene
Concen: 198.502 ug/l
RT: 13.823 min Scan# 2001
Delta R.T. 0.206 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion:105 Resp:14740554
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#

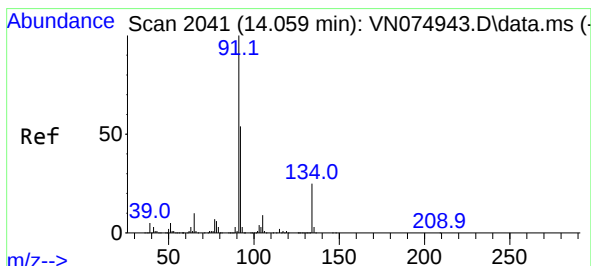
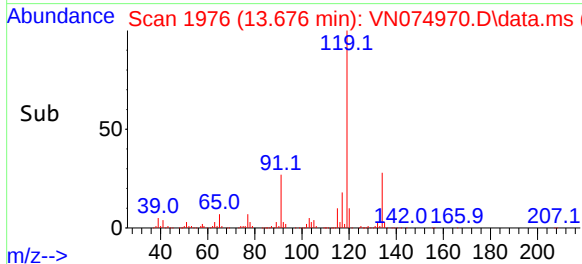
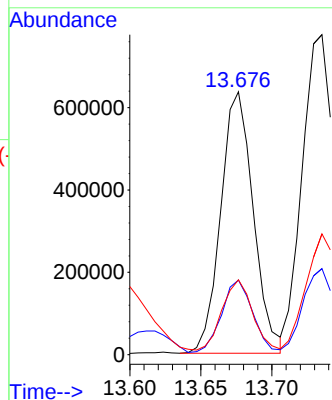
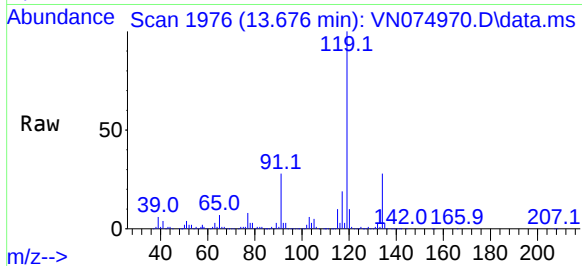




#86
p-Isopropyltoluene
Concen: 16.580 ug/l
RT: 13.676 min Scan# 1985
Delta R.T. -0.053 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

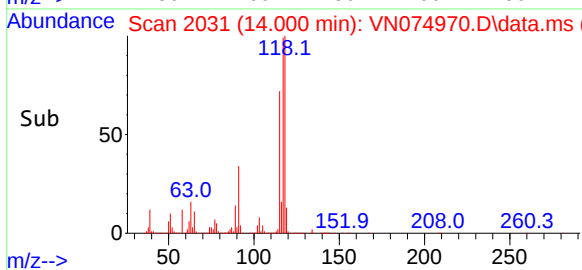
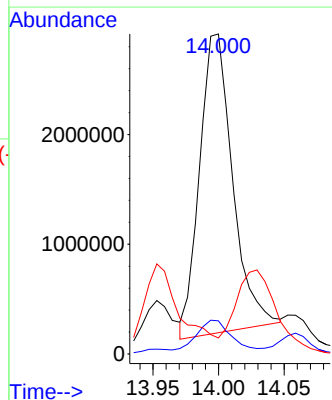
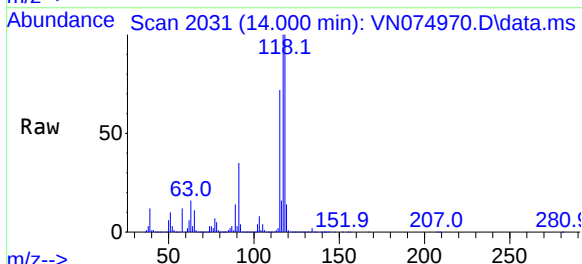
Instrument :
MSVOA_N
ClientSampleId :
MW-14

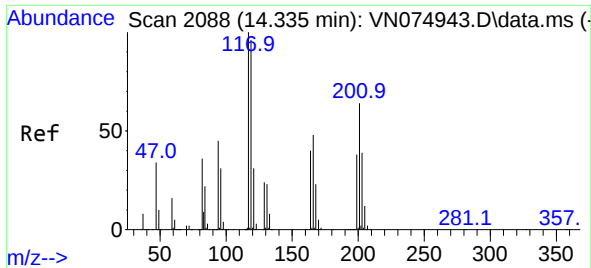
Tgt Ion:119 Resp: 1014034
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.7
91 24.6 11.9 35.5



#89
n-Butylbenzene
Concen: 91.722 ug/l
RT: 14.000 min Scan# 2031
Delta R.T. -0.059 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 91 Resp: 4790236
Ion Ratio Lower Upper
91 100
92 10.3 26.3 78.9#
134 0.0 12.6 37.6#

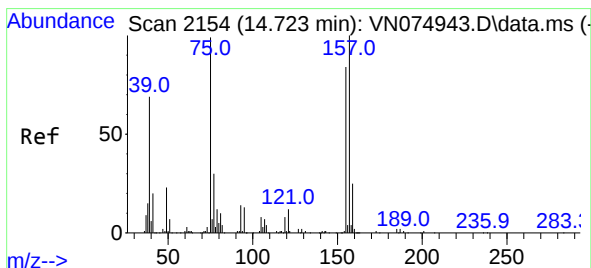
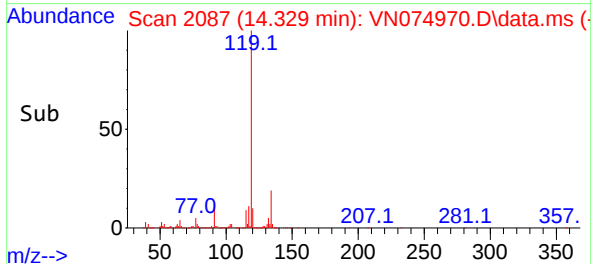
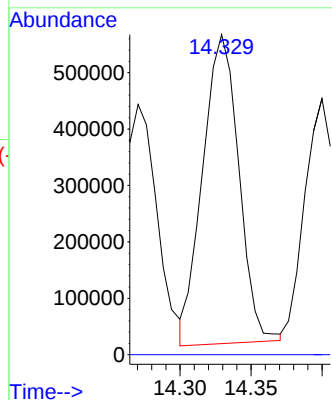
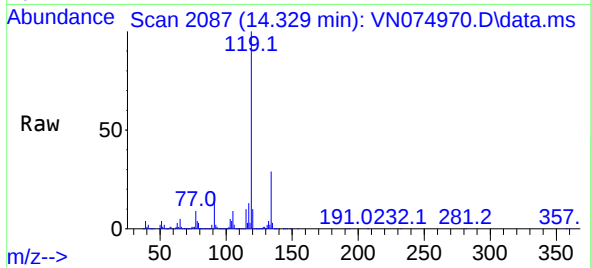




#90
Hexachloroethane
Concen: 81.751 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

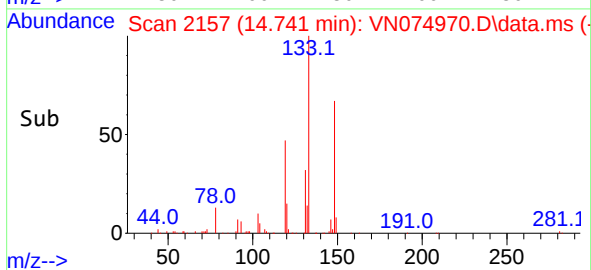
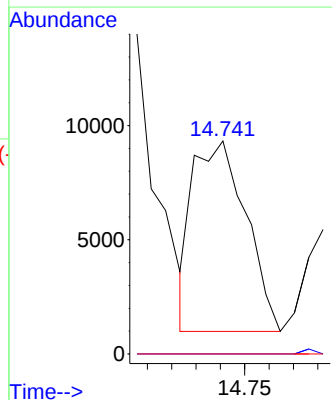
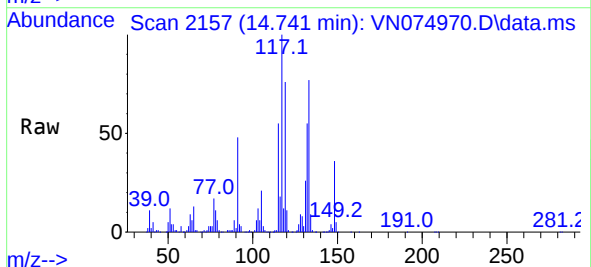
Instrument :
MSVOA_N
ClientSampleId :
MW-14

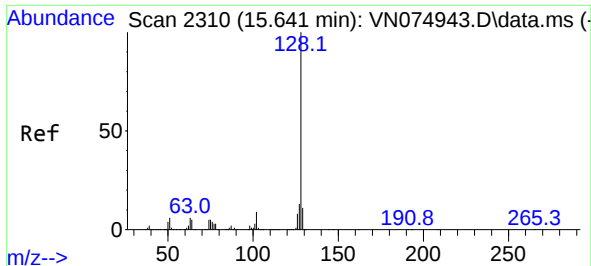
Tgt Ion:117 Resp: 968705
Ion Ratio Lower Upper
117 100
201 0.0 30.6 91.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.349 ug/l
RT: 14.741 min Scan# 2157
Delta R.T. 0.018 min
Lab File: VN074970.D
Acq: 21 Oct 2022 18:36

Tgt Ion: 75 Resp: 12613
Ion Ratio Lower Upper
75 100
155 0.0 39.6 118.8#
157 0.0 47.8 143.4#





#95

Naphthalene

Concen: 4.645 ug/l

RT: 15.565 min Scan# 21

Delta R.T. -0.076 min

Lab File: VN074970.D

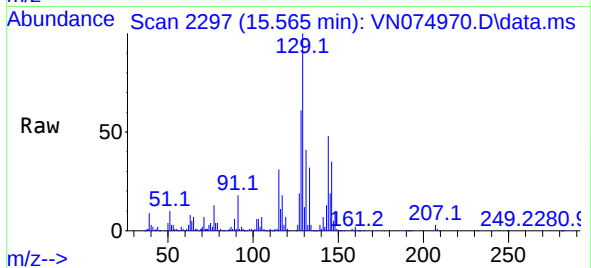
Acq: 21 Oct 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

MW-14



Tgt Ion:128 Resp: 239058

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 171.3 8.6 12.8#

