

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074968.D
 Acq On : 21 Oct 2022 17:48
 Operator : JC\MD
 Sample : N5222-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Oct 22 02:55:13 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	704185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1274181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1339114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	1002316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	848065	45.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.660%
35) Dibromofluoromethane	8.177	113	609458	40.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.380%
50) Toluene-d8	10.571	98	2738549	47.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.847	95	1175238	57.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.520%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	4893	Below Cal	#	83
4) Vinyl Chloride	2.524	62	1106	Below Cal	#	1
5) Bromomethane	2.912	94	1009	Below Cal	#	4
6) Chloroethane	3.136	64	26622	Below Cal	#	72
7) Trichlorofluoromethane	3.277	101	89	Below Cal	#	39
11) Tert butyl alcohol	5.542	59	20386	5.154	ug/l	# 72
12) 1,1-Dichloroethene	4.224	96	203	Below Cal	#	1
13) Acrolein	4.159	56	38064	12.520	ug/l	# 1
14) Allyl chloride	5.159	41	72216	4.215	ug/l	# 1
15) Acrylonitrile	5.830	53	64508	8.062	ug/l	# 37
16) Acetone	4.448	43	304359	36.071	ug/l	90
17) Carbon Disulfide	4.730	76	9797	Below Cal		99
19) Methyl tert-butyl Ether	5.812	73	581087	12.791	ug/l	# 1
20) Methylene Chloride	5.283	84	3996	Below Cal	#	1
21) trans-1,2-Dichloroethene	5.789	96	95	Below Cal	#	58
22) Diisopropyl ether	6.683	45	12291	0.313	ug/l	# 72
25) 2-Butanone	7.500	43	225843	19.815	ug/l	97
29) Tetrahydrofuran	7.859	42	3647	0.519	ug/l	# 38
30) Chloroform	7.941	83	59589	2.175	ug/l	# 19
31) Cyclohexane	8.265	56	704420	36.851	ug/l	# 92
36) 1,1-Dichloropropene	8.236	75	63381	3.318	ug/l	# 50
37) Ethyl Acetate	7.500	43	225843	10.042	ug/l	# 67
38) Carbon Tetrachloride	8.230	117	80529	3.873	ug/l	# 17
39) Methylcyclohexane	9.606	83	1143846	50.546	ug/l	98
41) Methacrylonitrile	7.736	41	6236	0.552	ug/l	# 41
42) 1,2-Dichloroethane	8.612	62	367411	16.484	ug/l	88
43) Isopropyl Acetate	8.706	43	150775	4.322	ug/l	# 53
45) 1,2-Dichloropropane	9.600	63	11102	0.732	ug/l	# 1
47) Bromodichloromethane	9.877	83	29887	1.333	ug/l	# 26
48) Methyl methacrylate	9.606	41	717074	47.012	ug/l	# 63
49) 1,4-Dioxane	9.706	88	469	1.063	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.412	43	111249	4.815	ug/l	# 34
52) Toluene	10.635	92	1472175	38.315	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	225341	13.976	ug/l	# 22
56) Ethyl methacrylate	10.853	69	5908	0.243	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.159	63	2769	3.859	ug/l	# 45

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

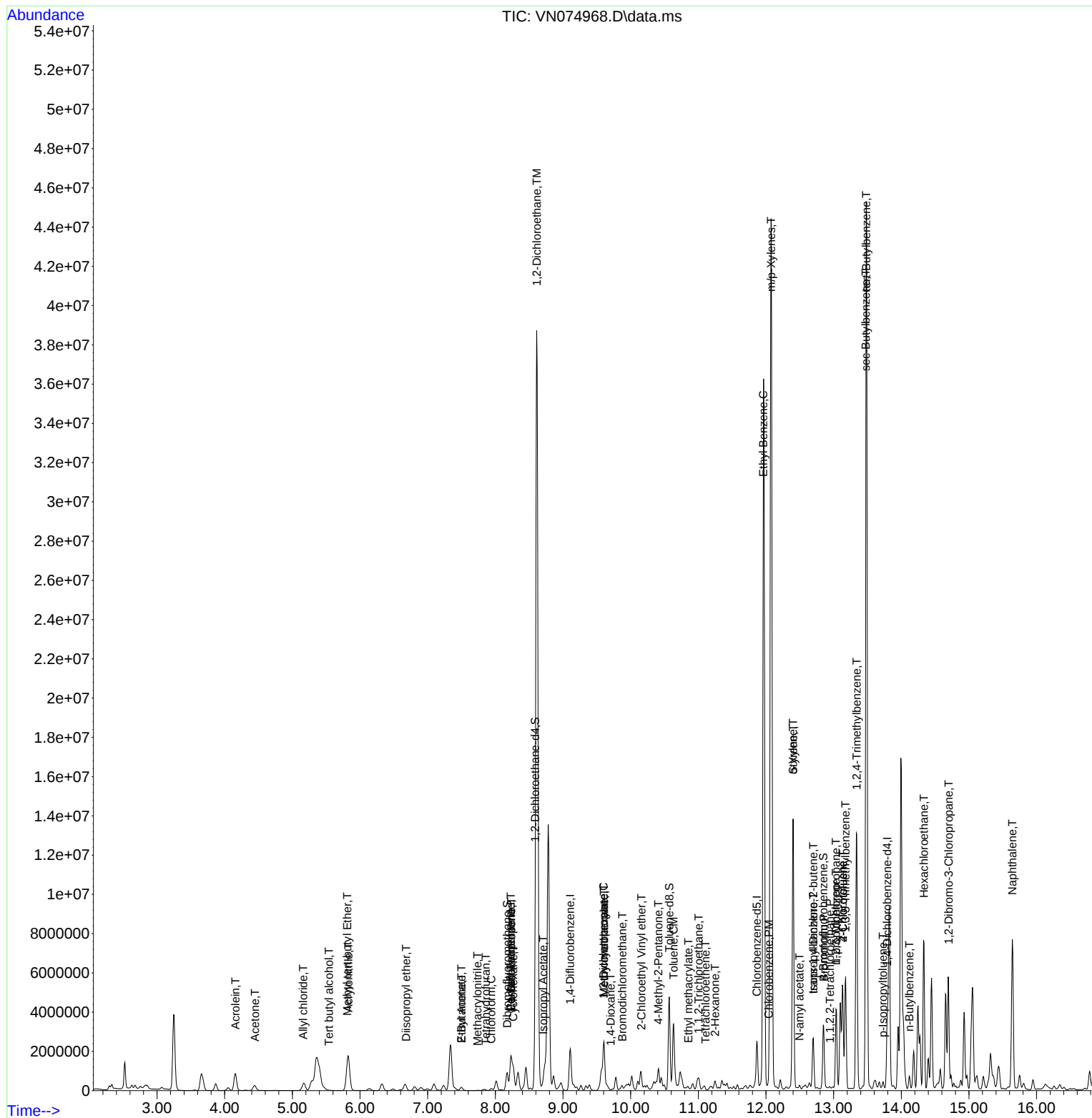
59) 2-Hexanone	11.247	43	28816	1.644	ug/l	61
64) Tetrachloroethene	11.106	164	2712	0.248	ug/l	92
65) Chlorobenzene	12.041	112	16445	0.406	ug/l #	58
67) Ethyl Benzene	11.959	91	19640240	273.190	ug/l #	68
68) m/p-Xylenes	12.076	106	15852343	565.513	ug/l #	1
69) o-Xylene	12.400	106	4086817	145.540	ug/l	99
70) Styrene	12.400	104	217598	4.889	ug/l #	1
71) Bromoform	12.853	173	8370	0.727	ug/l #	1
73) Isopropylbenzene	12.700	105	1675003	20.459	ug/l	99
74) N-amyl acetate	12.494	43	13412	0.408	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.947	83	7781	0.254	ug/l #	26
76) 1,2,3-Trichloropropane	13.035	75	20260	0.745	ug/l #	1
78) n-propylbenzene	13.035	91	3283114	34.264	ug/l	99
79) 2-Chlorotoluene	13.135	91	362883	6.114	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	3191923	45.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.700	75	19936	2.352	ug/l #	42
82) 4-Chlorotoluene	13.135	91	362883	6.114	ug/l #	41
83) tert-Butylbenzene	13.482	119	3438607	54.946	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.341	105	8855146	123.975	ug/l	77
85) sec-Butylbenzene	13.476	105	18816458	214.146	ug/l #	57
86) p-Isopropyltoluene	13.729	119	189371	2.617	ug/l #	76
89) n-Butylbenzene	14.117	91	67628	1.094	ug/l #	1
90) Hexachloroethane	14.335	117	414125	29.536	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.700	75	16591	2.612	ug/l #	5
95) Naphthalene	15.641	128	7310417	120.050	ug/l	100

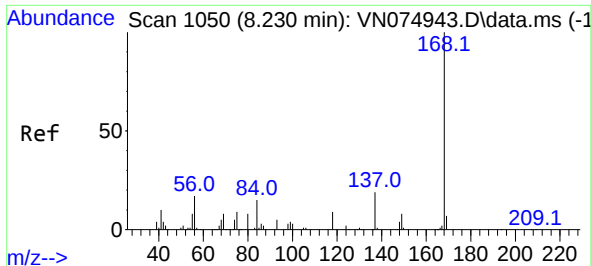
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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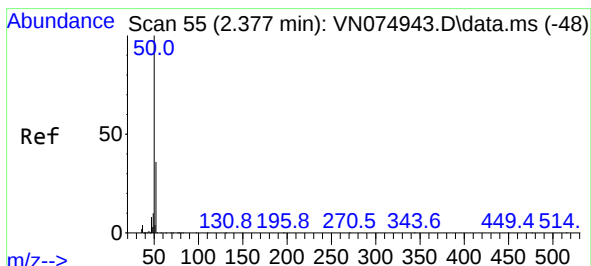
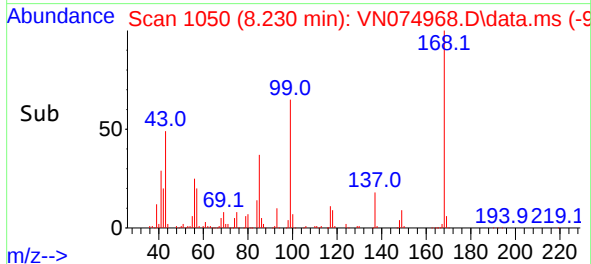
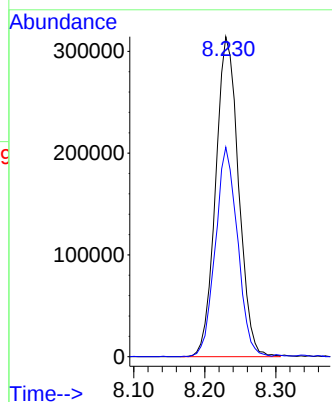
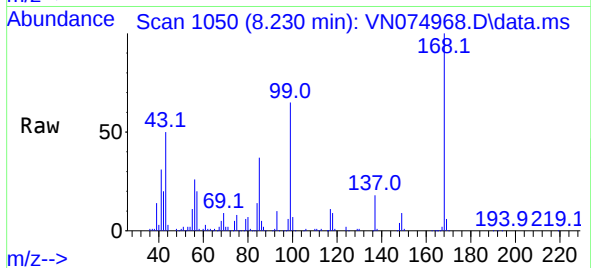




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074968.D
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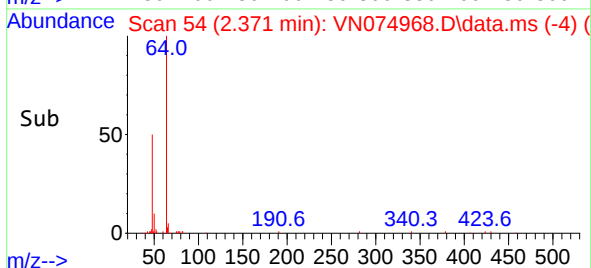
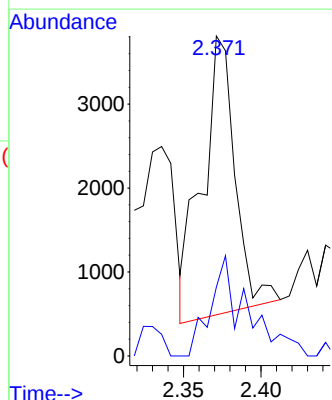
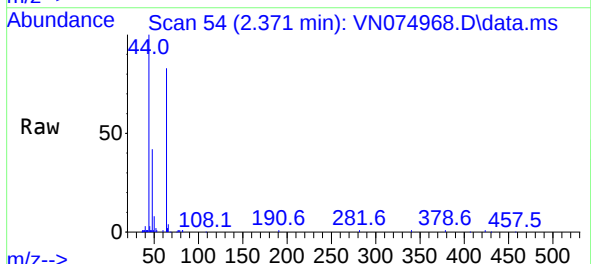
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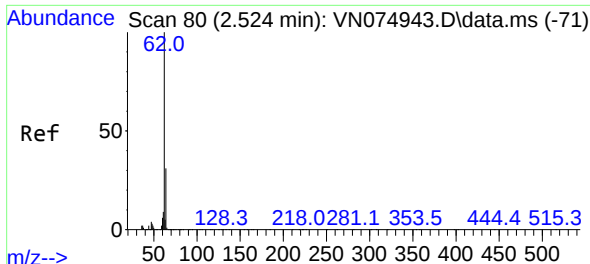
Tgt Ion:168 Resp: 704185
Ion Ratio Lower Upper
168 100
99 65.5 52.2 78.4



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 50 Resp: 4893
Ion Ratio Lower Upper
50 100
52 26.1 28.8 43.2#

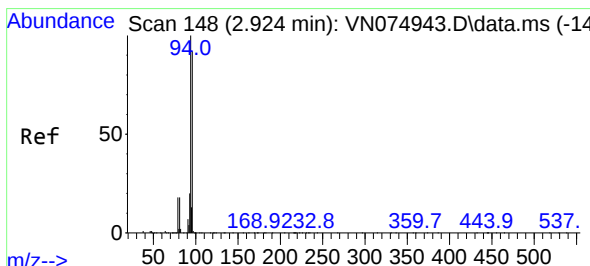
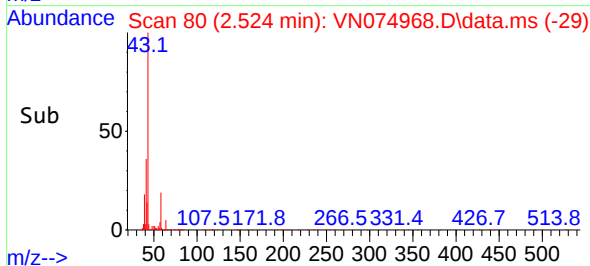
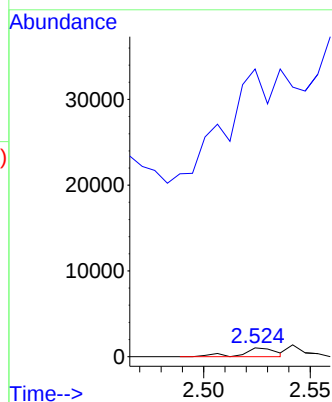
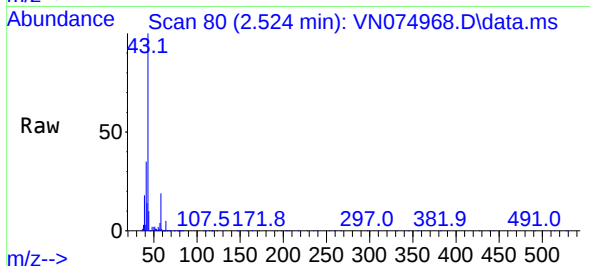




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.524 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

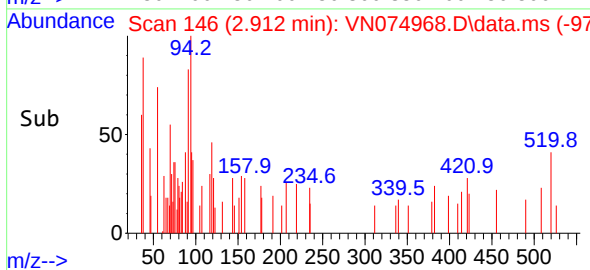
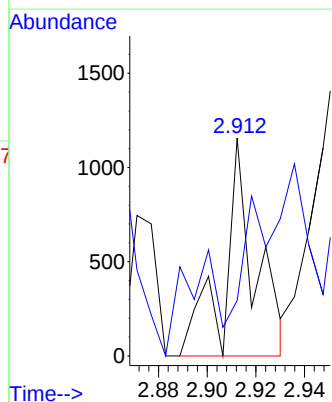
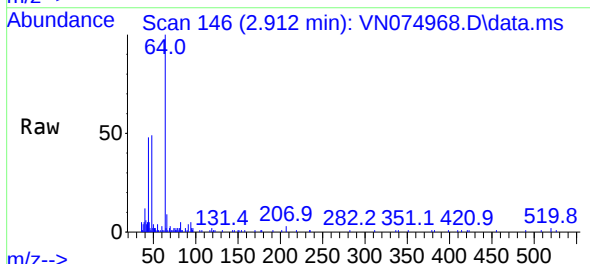
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

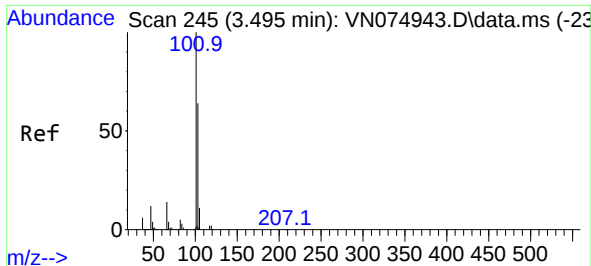
Tgt Ion: 62 Resp: 1106
 Ion Ratio Lower Upper
 62 100
 64 1185.3 24.5 36.7#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.912 min Scan# 146
 Delta R.T. -0.012 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

Tgt Ion: 94 Resp: 1009
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

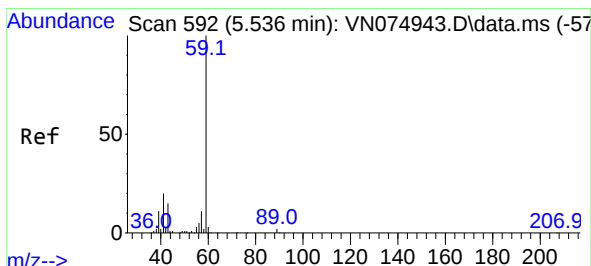
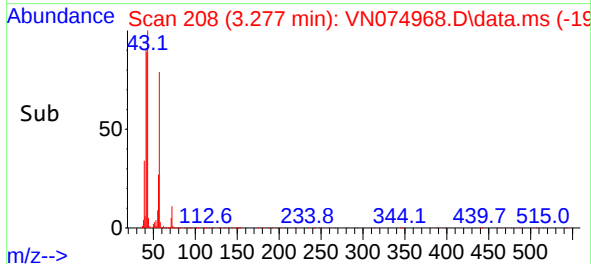
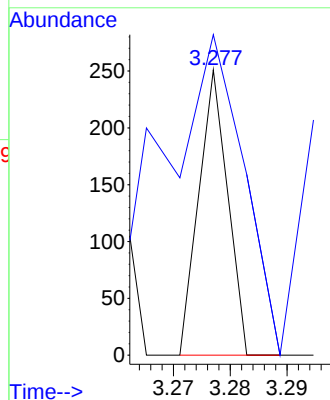
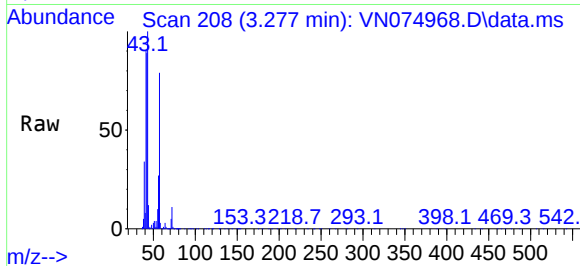




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.277 min Scan# 20
Delta R.T. -0.218 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

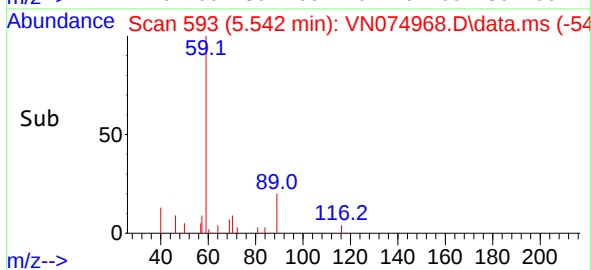
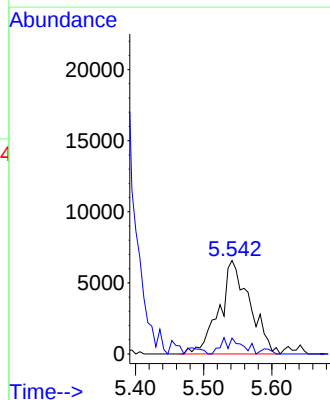
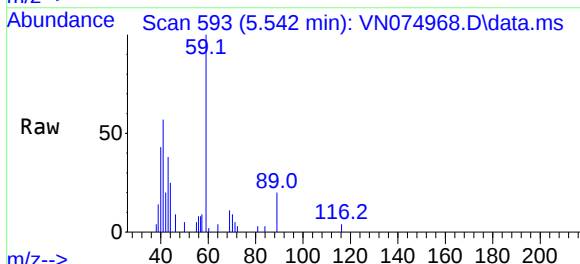
Instrument :
MSVOA_N
ClientSampleId :
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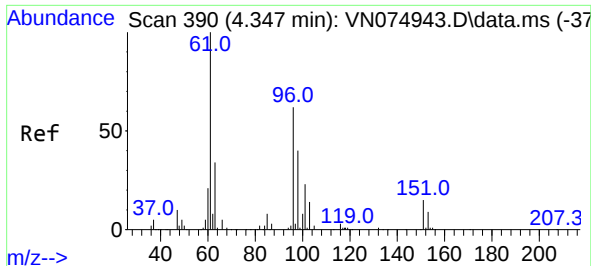
Tgt Ion:101 Resp: 89
Ion Ratio Lower Upper
101 100
103 112.4 51.5 77.3#



#11
Tert butyl alcohol
Concen: 5.154 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 59 Resp: 20386
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

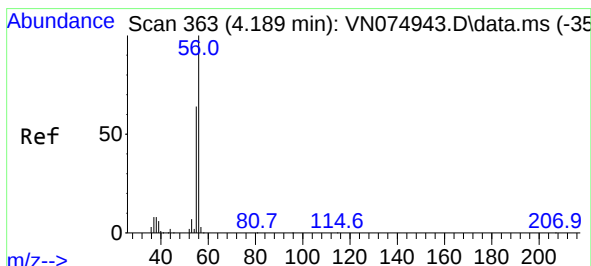
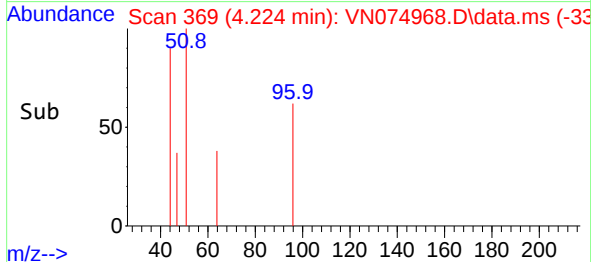
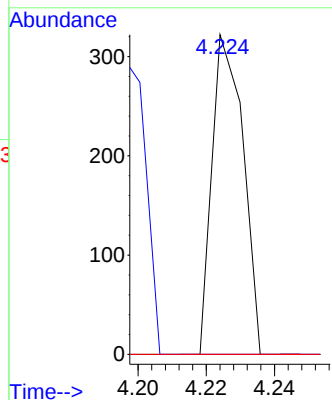
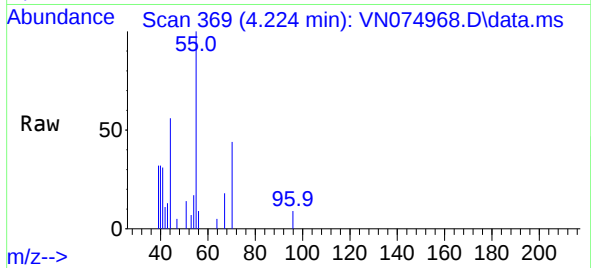




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 4.224 min Scan# 30
Delta R.T. -0.123 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

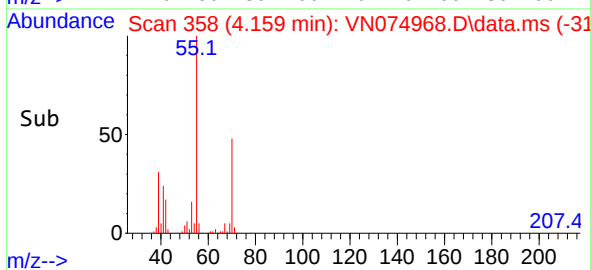
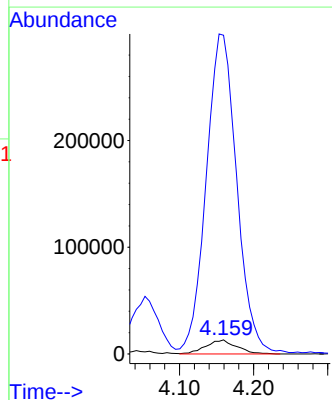
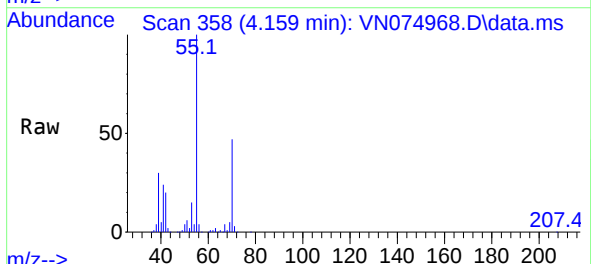
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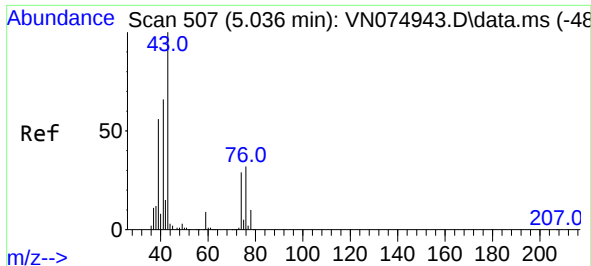
Tgt Ion: 96 Resp: 203
Ion Ratio Lower Upper
96 100
61 0.0 128.9 193.3#
98 0.0 51.8 77.8#



#13
Acrolein
Concen: 12.520 ug/l
RT: 4.159 min Scan# 358
Delta R.T. -0.030 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 56 Resp: 38064
Ion Ratio Lower Upper
56 100
55 2235.9 53.7 80.5#

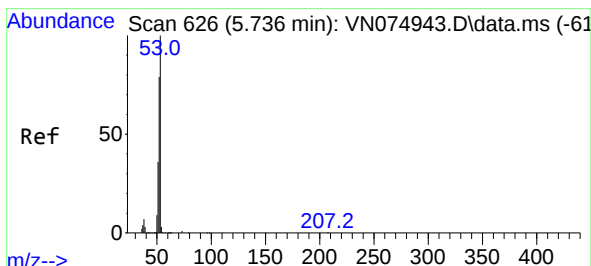
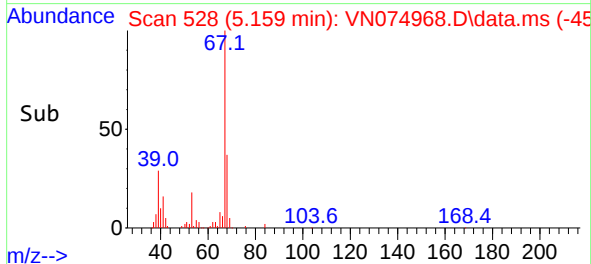
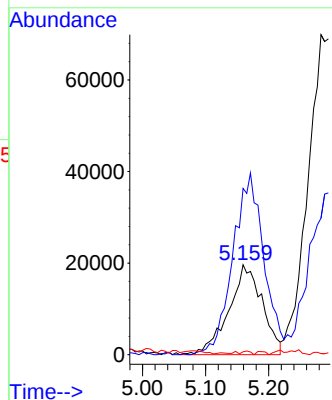
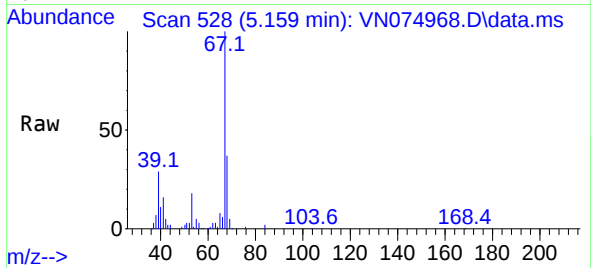




#14
 Allyl chloride
 Concen: 4.215 ug/l
 RT: 5.159 min Scan# 51
 Delta R.T. 0.124 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

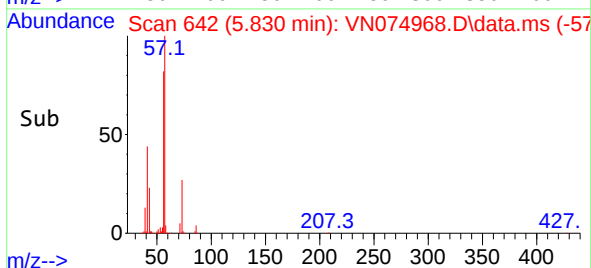
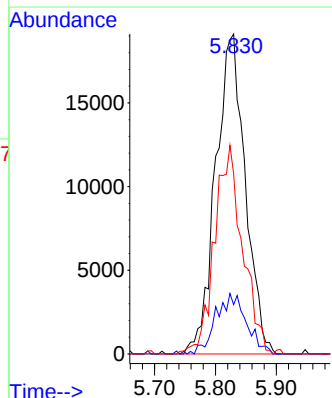
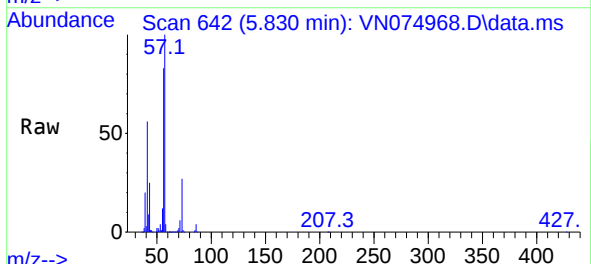
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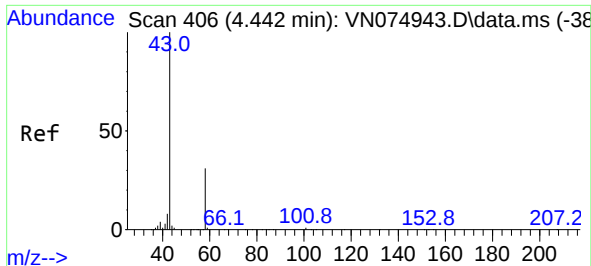
Tgt Ion: 41 Resp: 72216
 Ion Ratio Lower Upper
 41 100
 39 187.5 60.0 90.0#
 76 1.0 33.7 50.5#



#15
 Acrylonitrile
 Concen: 8.062 ug/l
 RT: 5.830 min Scan# 642
 Delta R.T. 0.094 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

Tgt Ion: 53 Resp: 64508
 Ion Ratio Lower Upper
 53 100
 52 19.4 66.7 100.1#
 51 61.6 28.8 43.2#

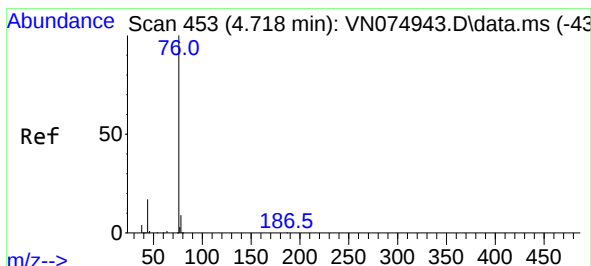
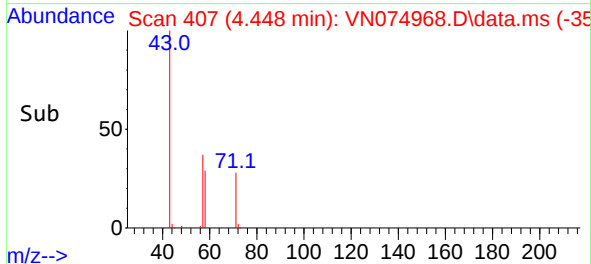
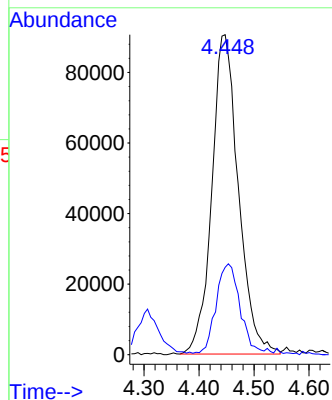
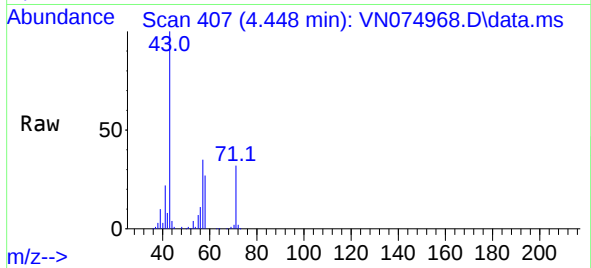




#16
Acetone
Concen: 36.071 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

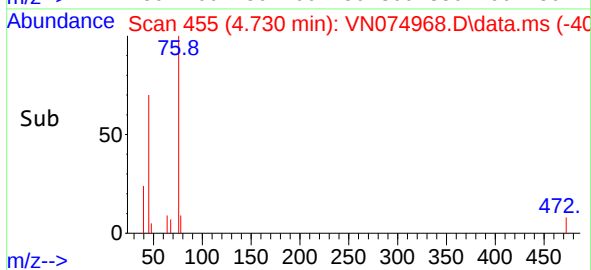
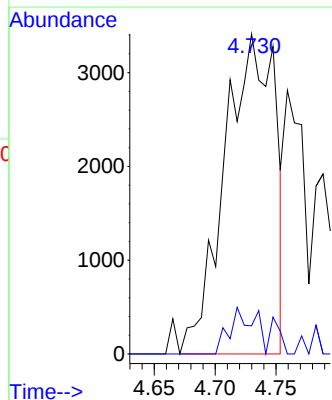
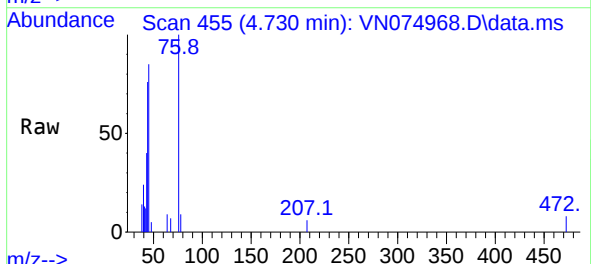
Instrument :
MSVOA_N
ClientSampleId :
MW-6

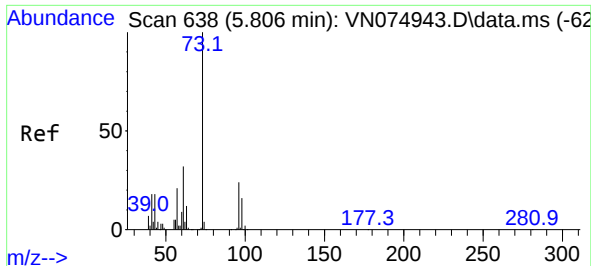
Tgt Ion: 43 Resp: 304359
Ion Ratio Lower Upper
43 100
58 26.6 25.7 38.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.730 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 76 Resp: 9797
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2





#19

Methyl tert-butyl Ether

Concen: 12.791 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN074968.D

Acq: 21 Oct 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

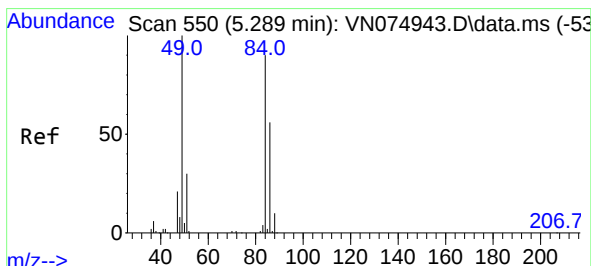
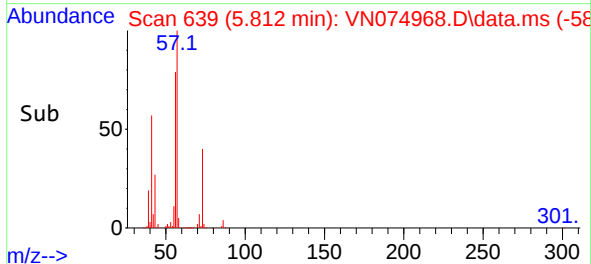
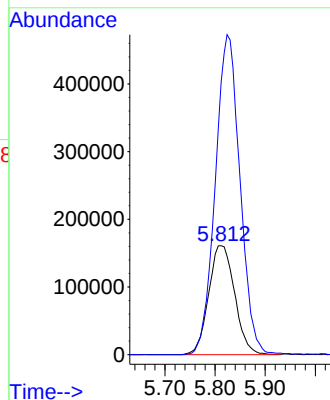
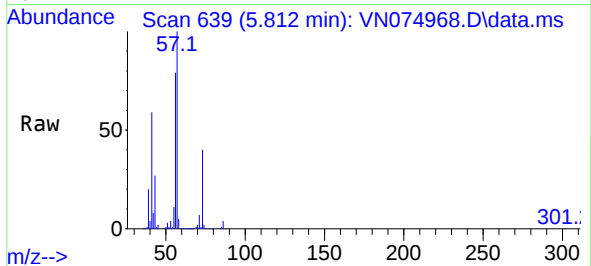
MW-6

Tgt Ion: 73 Resp: 581087

Ion Ratio Lower Upper

73 100

57 250.1 16.9 25.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN074968.D

Acq: 21 Oct 2022 17:48

Tgt Ion: 84 Resp: 3996

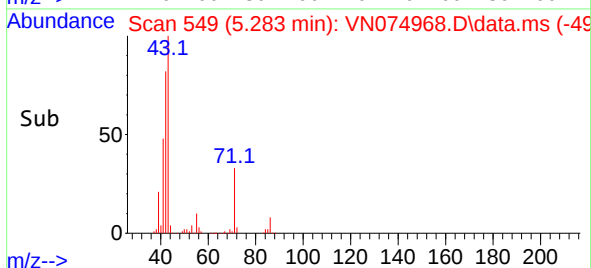
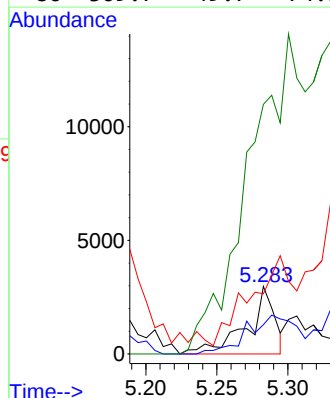
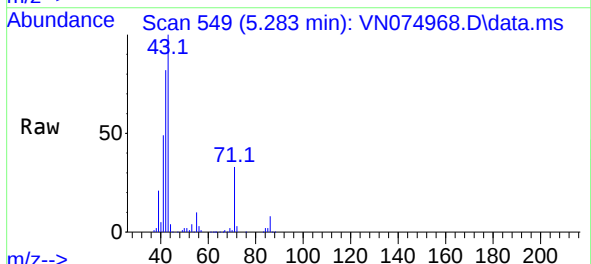
Ion Ratio Lower Upper

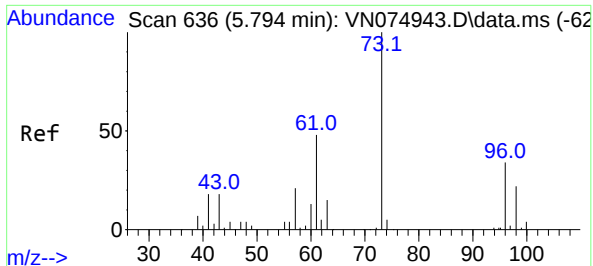
84 100

49 43.4 88.6 133.0#

51 57.3 26.7 40.1#

86 369.7 49.7 74.5#

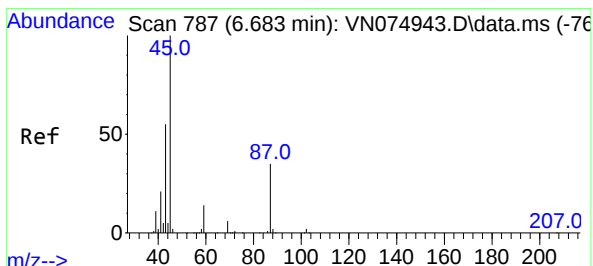
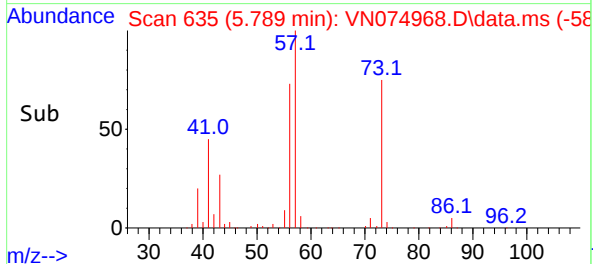
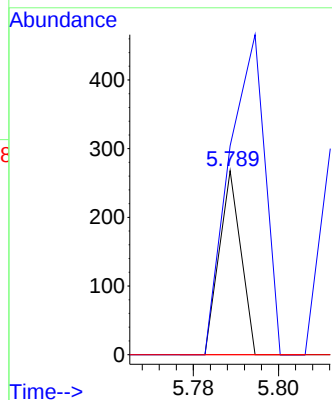
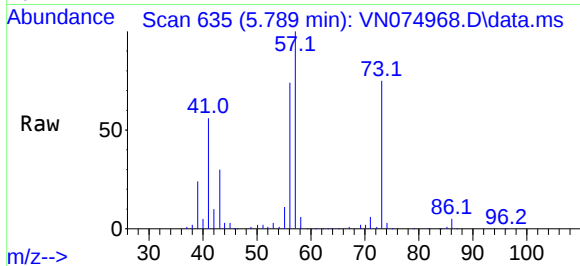




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

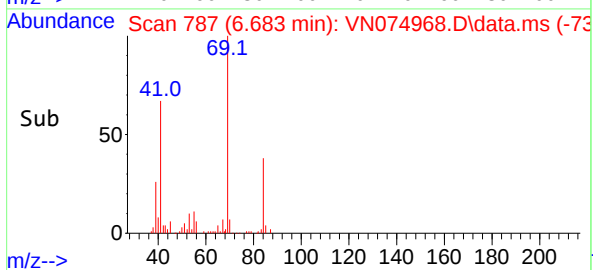
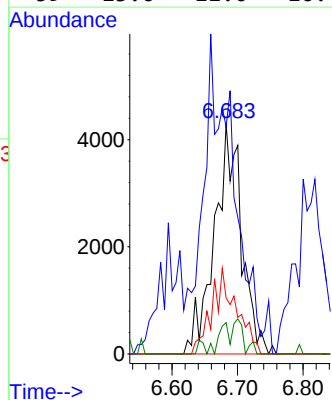
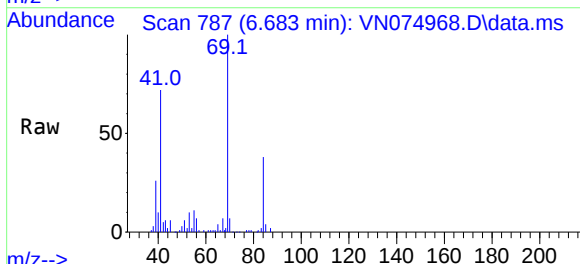
Instrument :
MSVOA_N
ClientSampleId :
MW-6

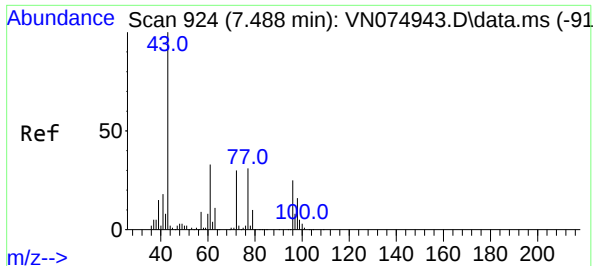
Tgt Ion: 96 Resp: 95
Ion Ratio Lower Upper
96 100
61 113.4 112.6 169.0
98 0.0 52.4 78.6#



#22
Diisopropyl ether
Concen: 0.313 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 45 Resp: 12291
Ion Ratio Lower Upper
45 100
43 86.2 44.9 67.3#
87 24.3 28.0 42.0#
59 13.6 11.0 16.4

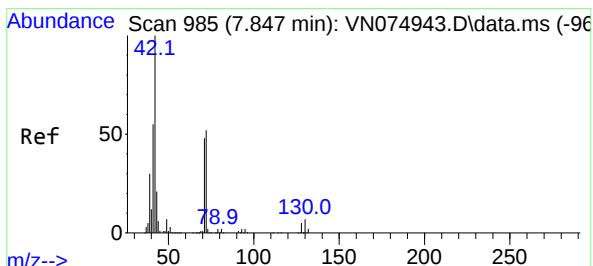
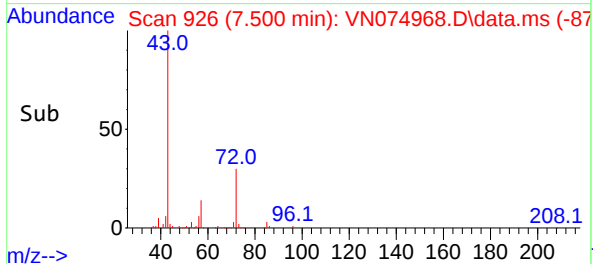
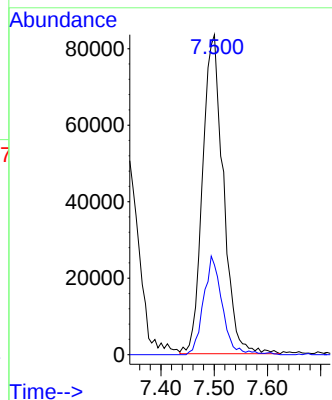
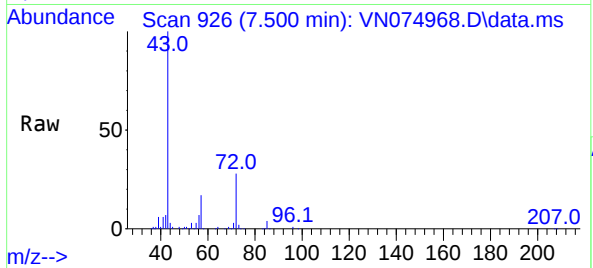




#25
2-Butanone
Concen: 19.815 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

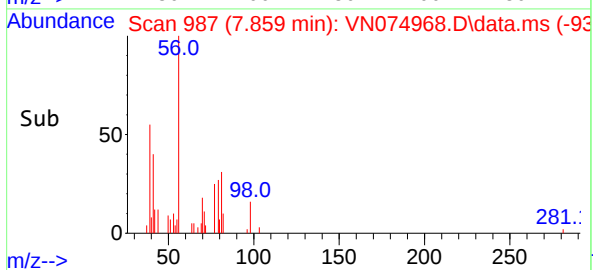
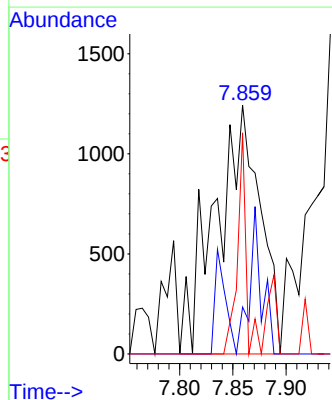
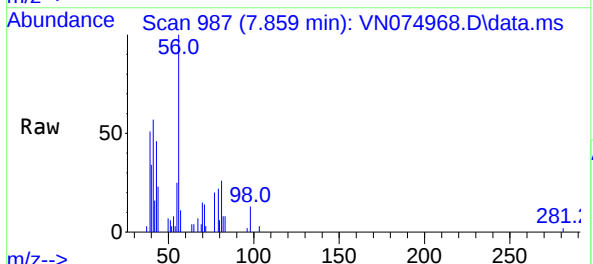
Instrument :
MSVOA_N
ClientSampleId :
MW-6

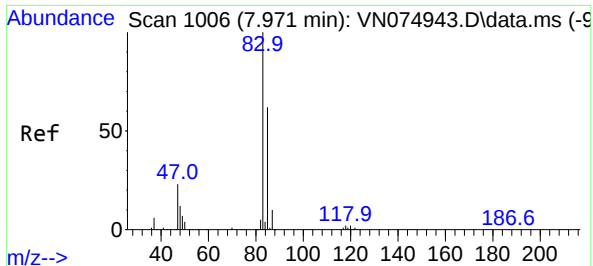
Tgt Ion: 43 Resp: 225843
Ion Ratio Lower Upper
43 100
72 28.2 23.9 35.9



#29
Tetrahydrofuran
Concen: 0.519 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 42 Resp: 3647
Ion Ratio Lower Upper
42 100
72 16.1 42.2 63.4#
71 0.0 39.4 59.2#

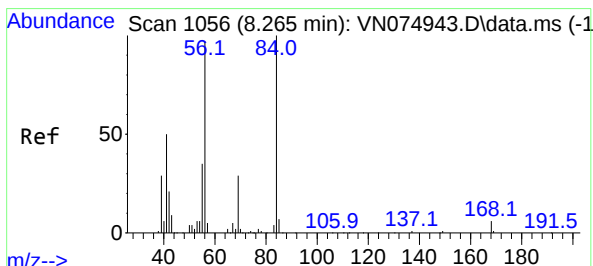
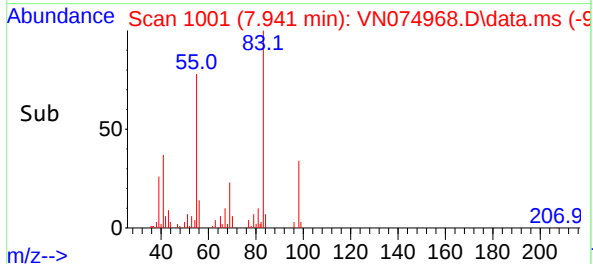
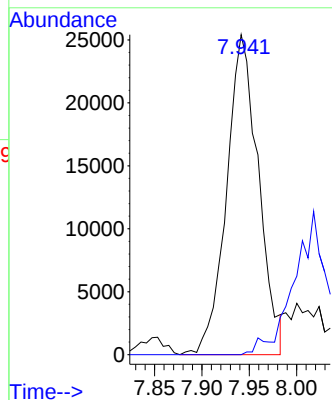
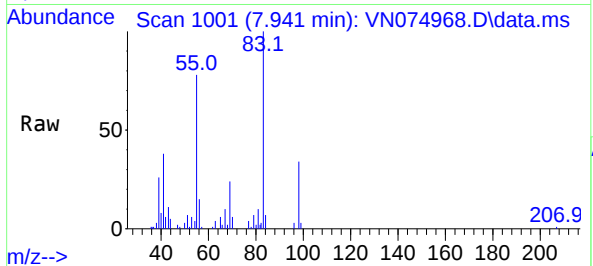




#30
Chloroform
Concen: 2.175 ug/l
RT: 7.941 min Scan# 1001
Delta R.T. -0.029 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

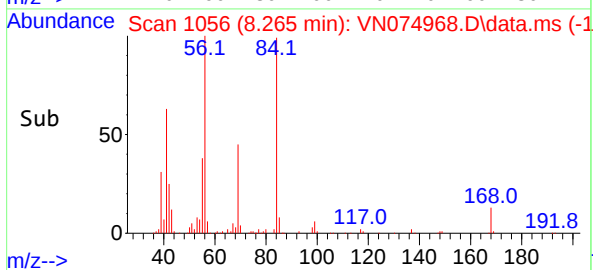
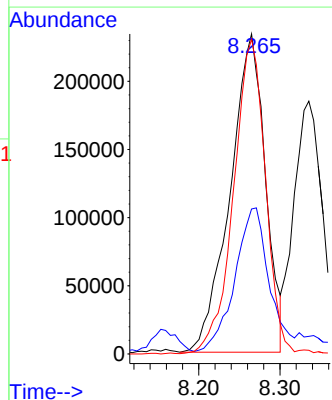
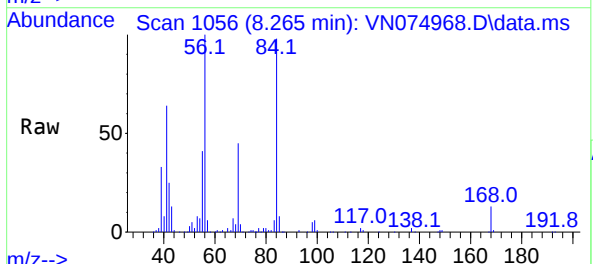
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MSVOA_N
ClientSampleId :
MW-6

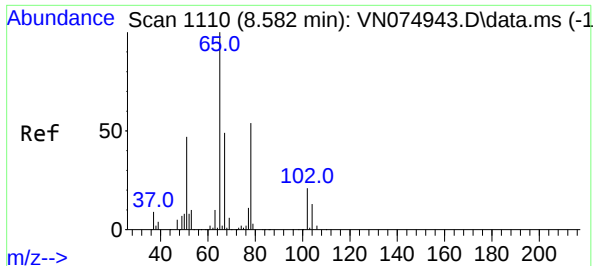
Tgt Ion: 83 Resp: 59589
Ion Ratio Lower Upper
83 100
85 0.0 49.9 74.9#



#31
Cyclohexane
Concen: 36.851 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 56 Resp: 704420
Ion Ratio Lower Upper
56 100
69 41.6 24.2 36.2#
84 98.8 82.8 124.2

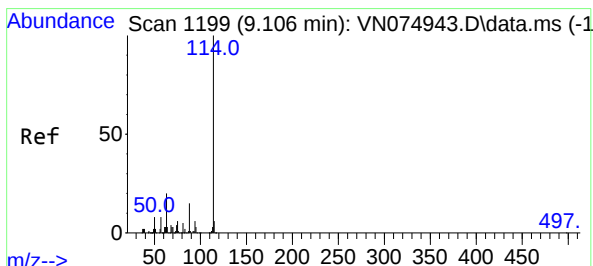
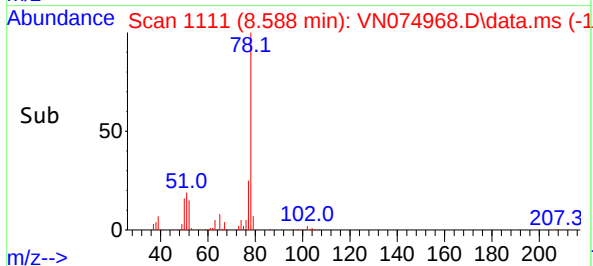
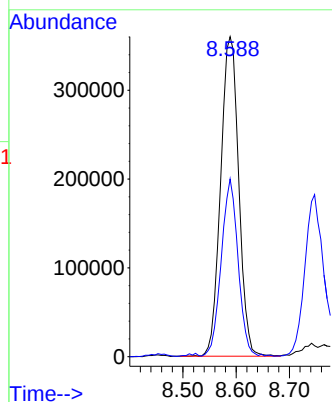
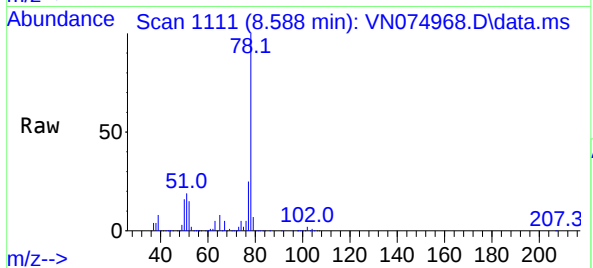




#33
1,2-Dichloroethane-d4
Concen: 45.328 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

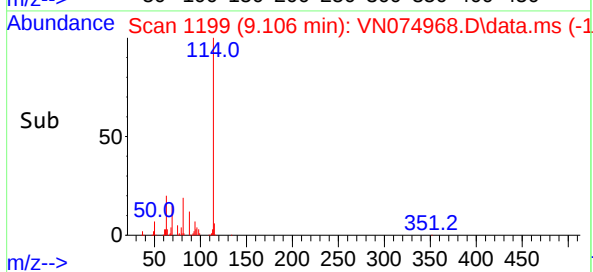
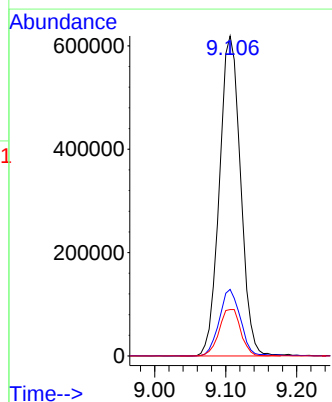
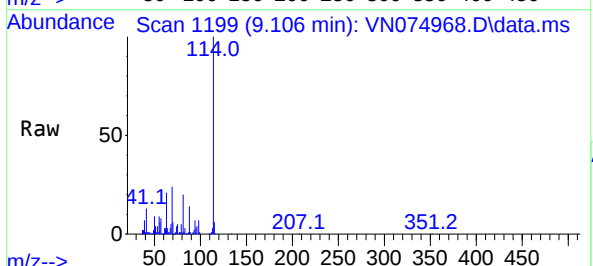
Instrument :
MSVOA_N
ClientSampleId :
MW-6

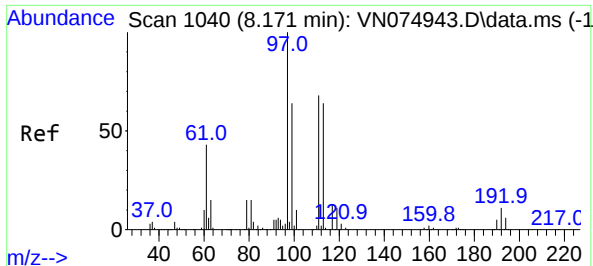
Tgt Ion: 65 Resp: 848065
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:114 Resp: 1274181
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.8
88 14.5 0.0 30.4

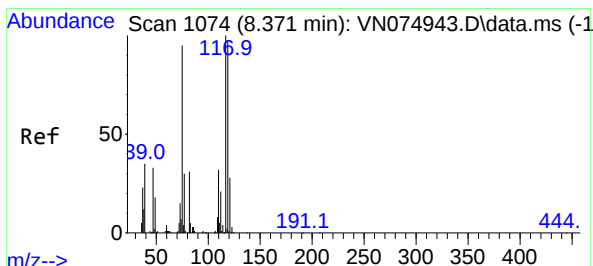
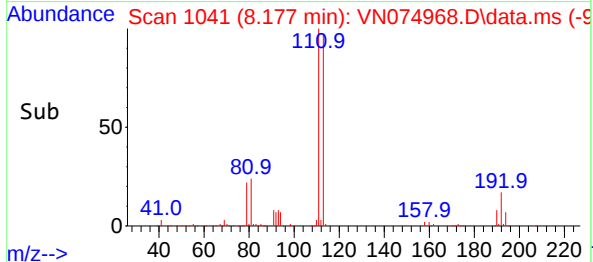
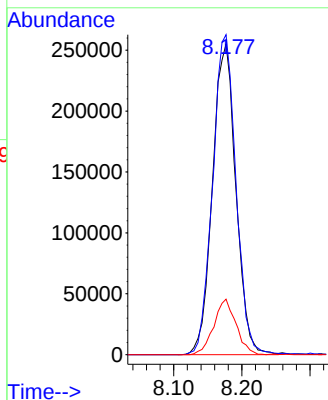
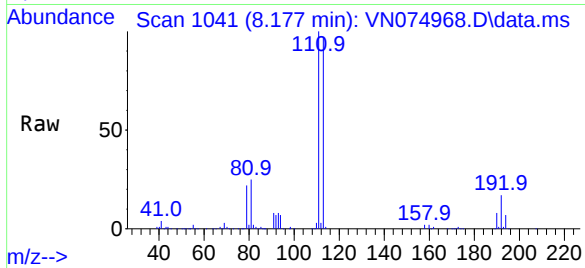




#35
Dibromofluoromethane
Concen: 40.186 ug/l
RT: 8.177 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

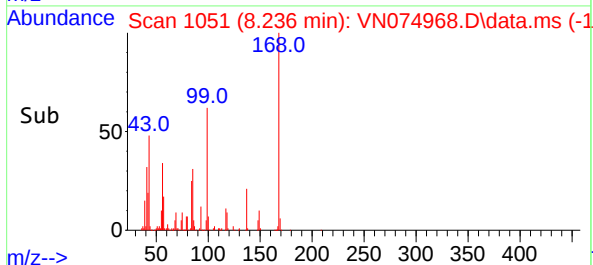
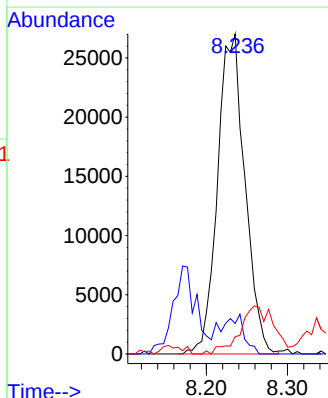
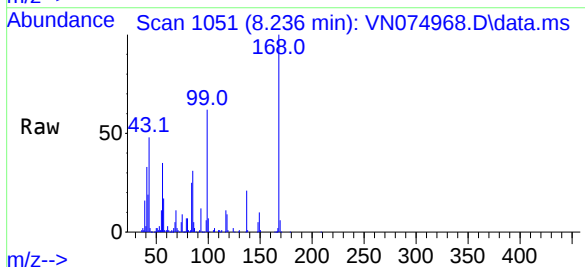
Instrument :
MSVOA_N
ClientSampleId :
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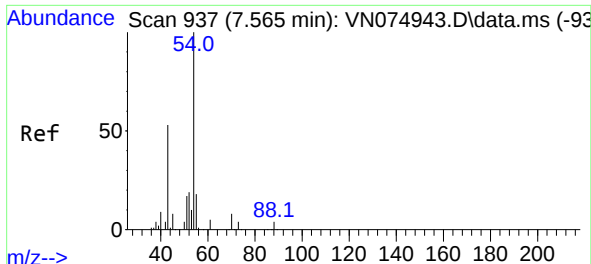
Tgt Ion:113 Resp: 609458
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 3.318 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 75 Resp: 63381
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.0 37.4#

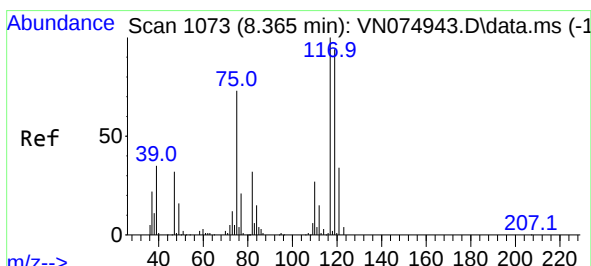
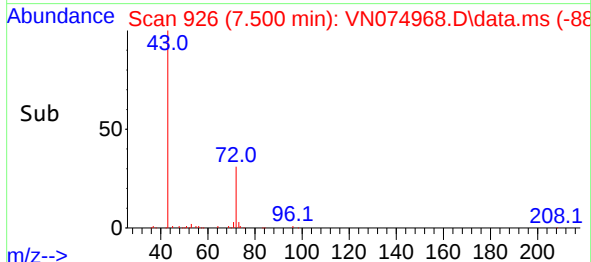
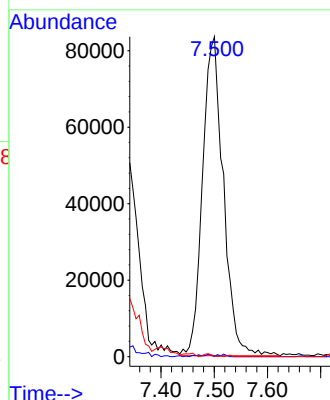
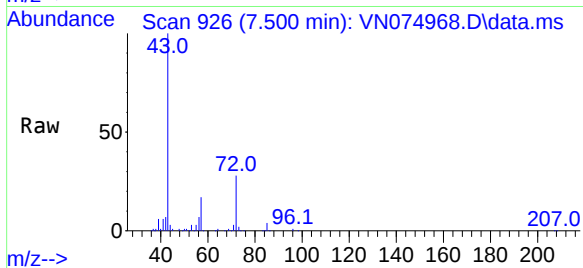




#37
Ethyl Acetate
Concen: 10.042 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

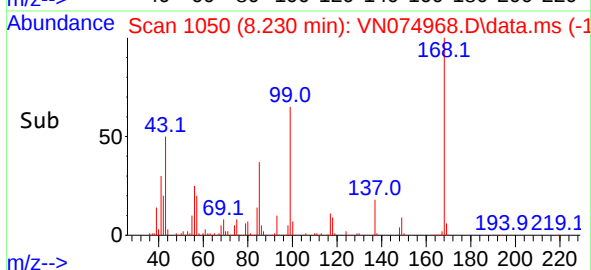
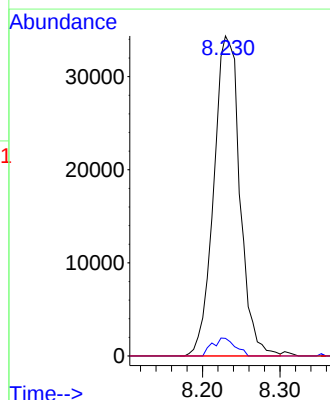
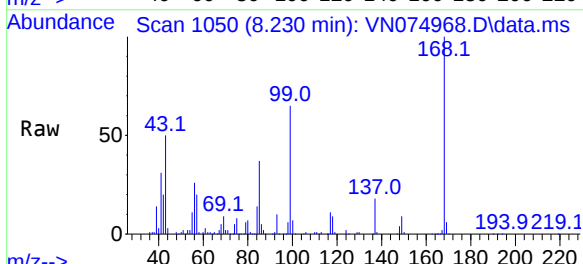
Instrument :
MSVOA_N
ClientSampleId :
MW-6

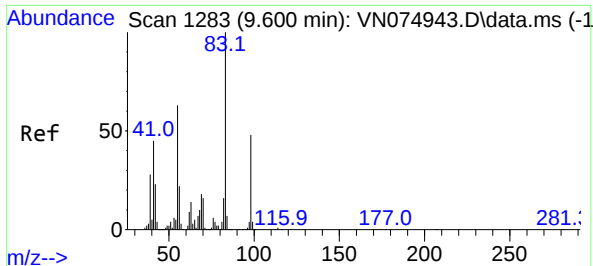
Tgt Ion: 43 Resp: 225843
Ion Ratio Lower Upper
43 100
61 0.2 12.1 18.1#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 3.873 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 117 Resp: 80529
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 27.0 40.6#

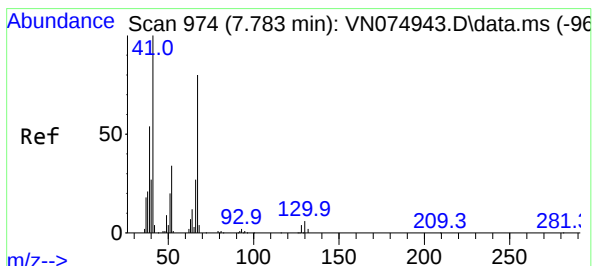
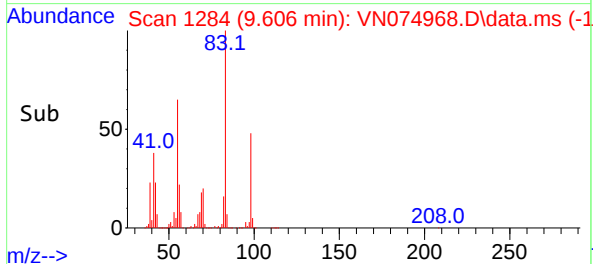
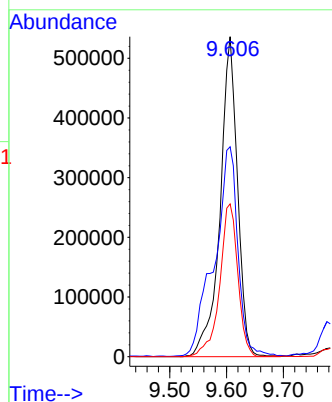
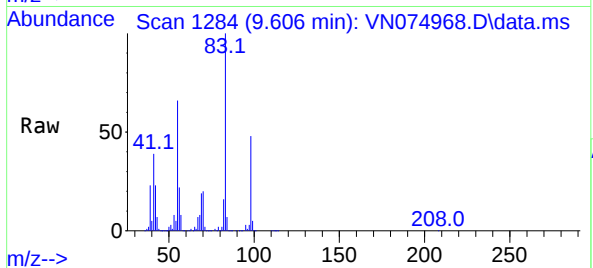




#39
Methylcyclohexane
Concen: 50.546 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

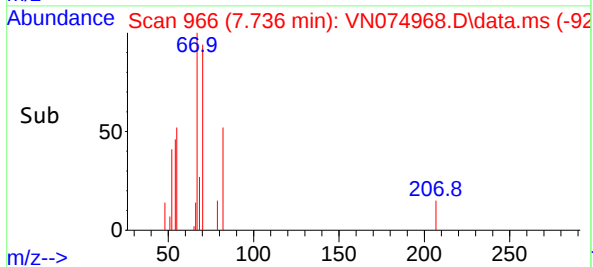
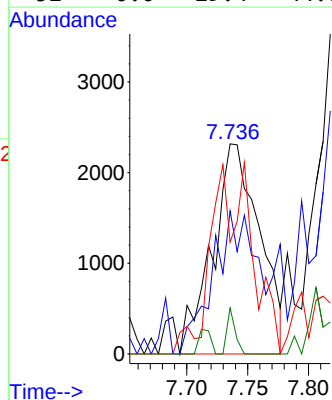
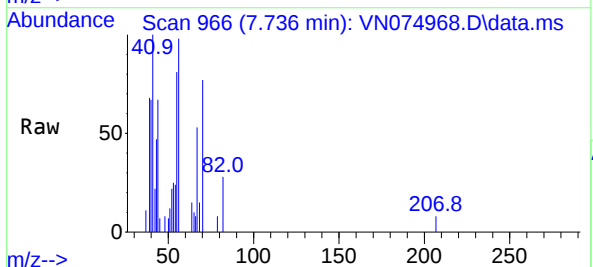
Instrument :
MSVOA_N
ClientSampleId :
MW-6

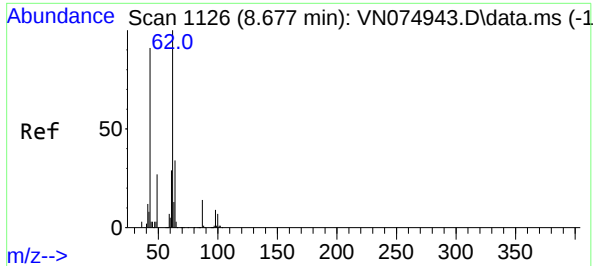
Tgt Ion: 83 Resp: 1143846
Ion Ratio Lower Upper
83 100
55 65.3 50.8 76.2
98 47.7 38.8 58.2



#41
Methacrylonitrile
Concen: 0.552 ug/l
RT: 7.736 min Scan# 966
Delta R.T. -0.047 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 41 Resp: 6236
Ion Ratio Lower Upper
41 100
39 62.0 47.9 71.9
67 0.0 70.8 106.2#
52 0.0 29.4 44.0#

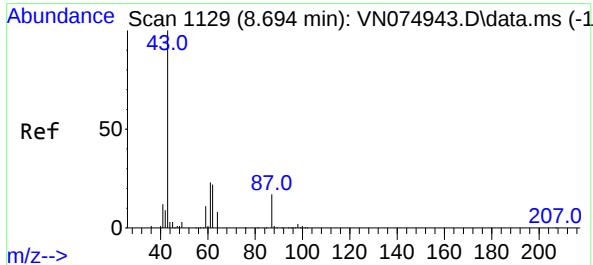
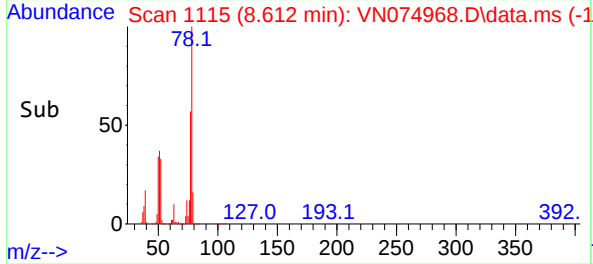
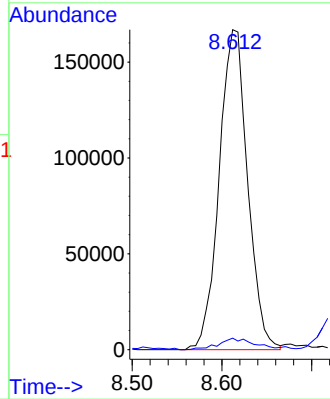
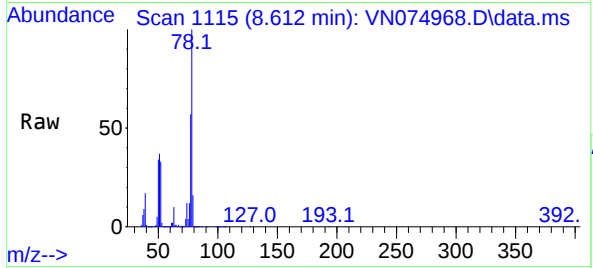




#42
1,2-Dichloroethane
Concen: 16.484 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.065 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

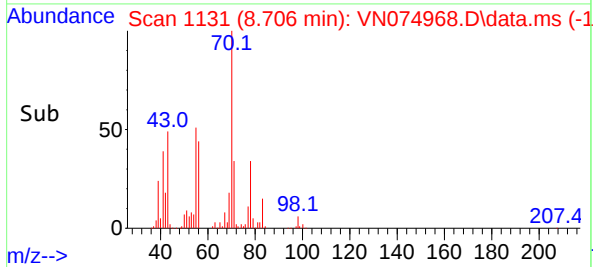
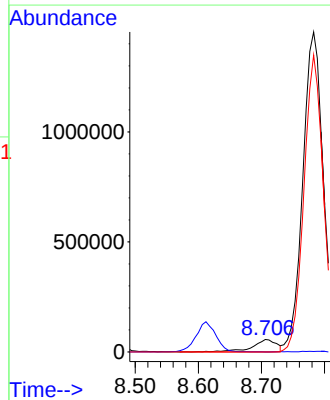
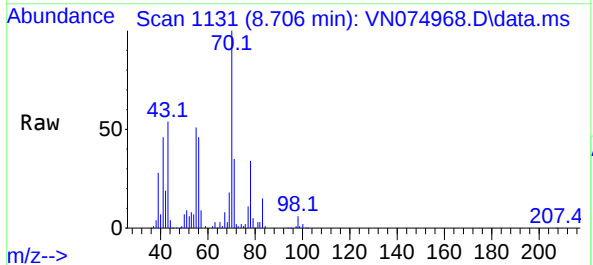
Instrument :
MSVOA_N
ClientSampleId :
MW-6

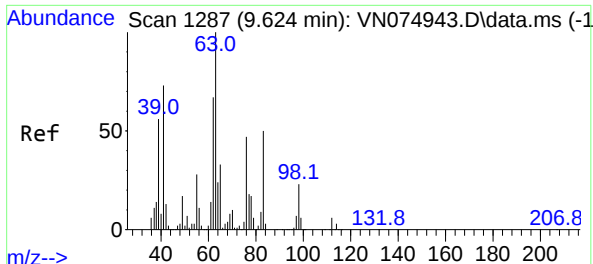
Tgt Ion: 62 Resp: 367411
Ion Ratio Lower Upper
62 100
98 4.4 0.0 17.8



#43
Isopropyl Acetate
Concen: 4.322 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 43 Resp: 150775
Ion Ratio Lower Upper
43 100
61 0.0 22.3 33.5#
87 0.0 12.8 19.2#

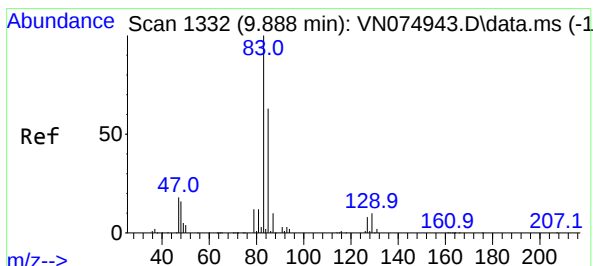
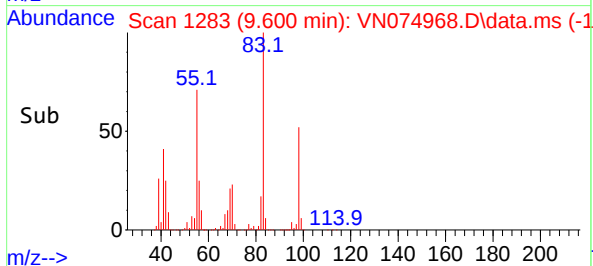
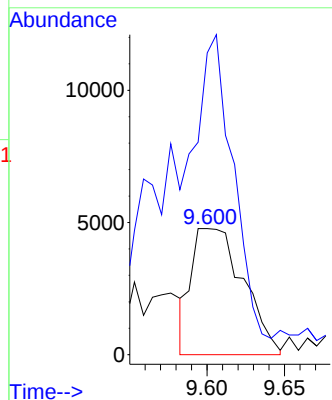
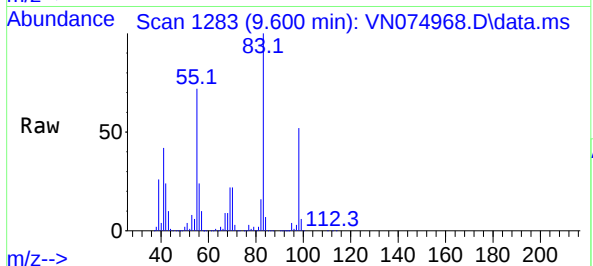




#45
1,2-Dichloropropane
Concen: 0.732 ug/l
RT: 9.600 min Scan# 11102
Delta R.T. -0.023 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

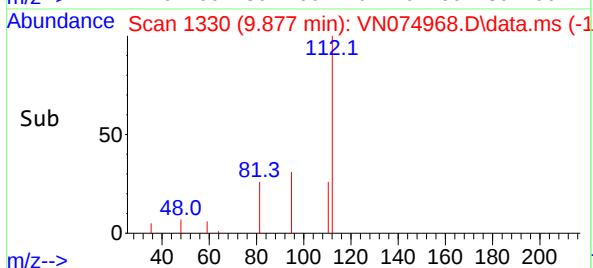
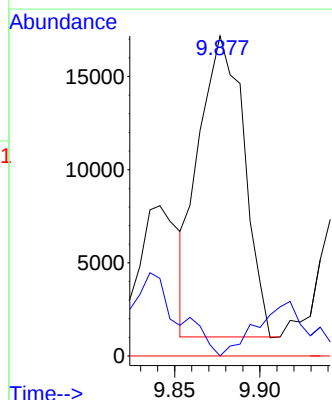
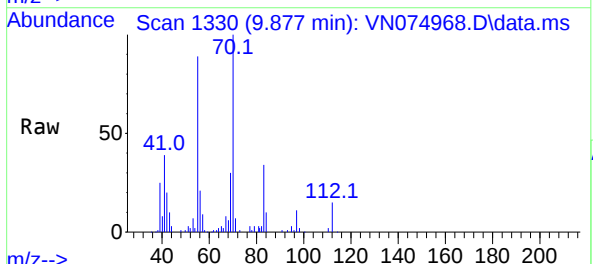
Instrument :
MSVOA_N
ClientSampleId :
MW-6

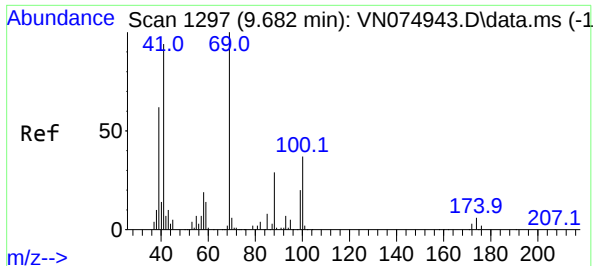
Tgt Ion: 63 Resp: 11102
Ion Ratio Lower Upper
63 100
65 227.9 26.3 39.5#



#47
Bromodichloromethane
Concen: 1.333 ug/l
RT: 9.877 min Scan# 1330
Delta R.T. -0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 83 Resp: 29887
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 6.5 9.7#





#48

Methyl methacrylate

Concen: 47.012 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.076 min

Lab File: VN074968.D

Acq: 21 Oct 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-6

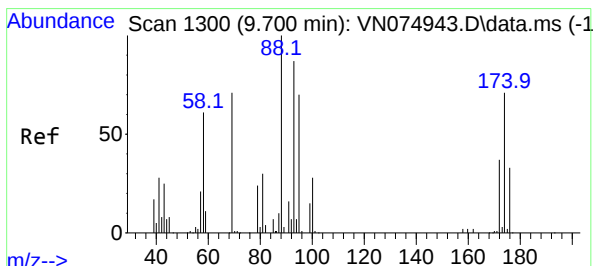
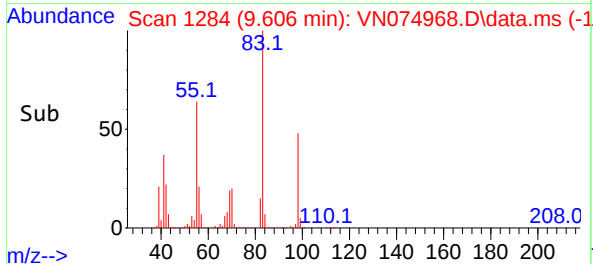
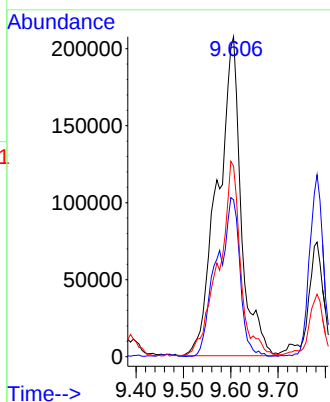
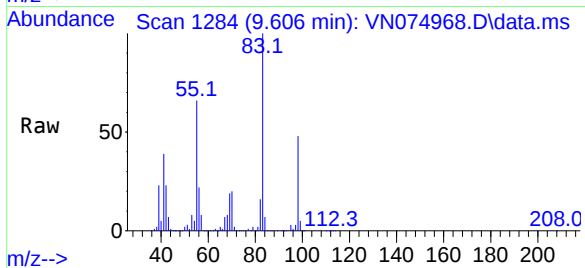
Tgt Ion: 41 Resp: 717074

Ion Ratio Lower Upper

41 100

69 48.6 79.7 119.5#

39 56.3 55.1 82.7



#49

1,4-Dioxane

Concen: 1.063 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN074968.D

Acq: 21 Oct 2022 17:48

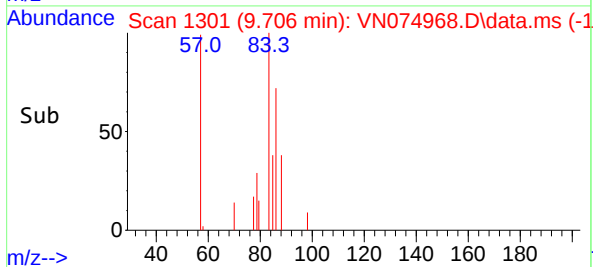
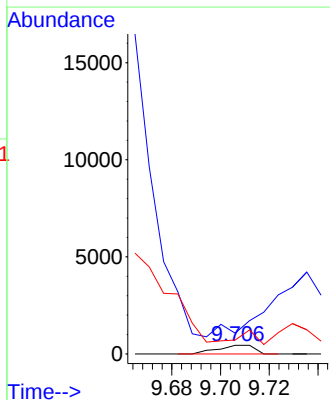
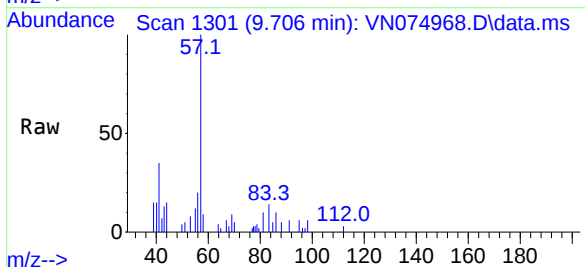
Tgt Ion: 88 Resp: 469

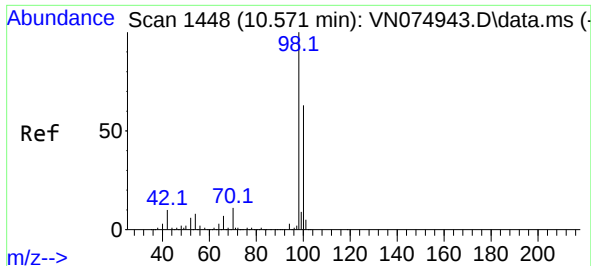
Ion Ratio Lower Upper

88 100

43 0.0 21.1 31.7#

58 182.7 49.8 74.8#

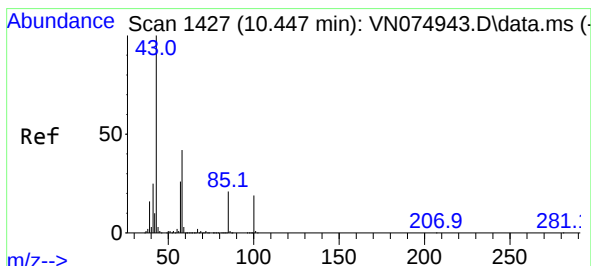
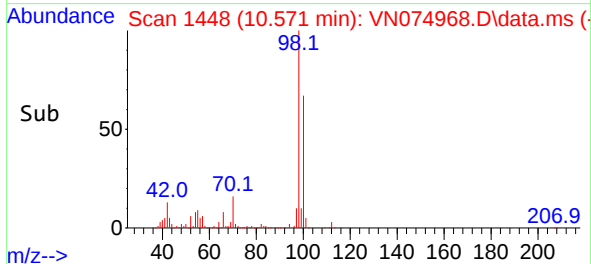
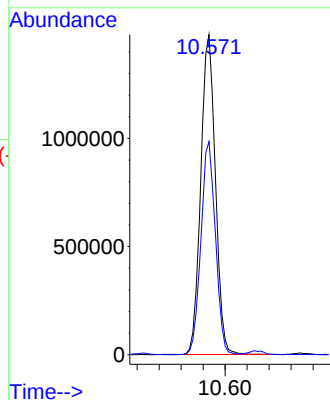
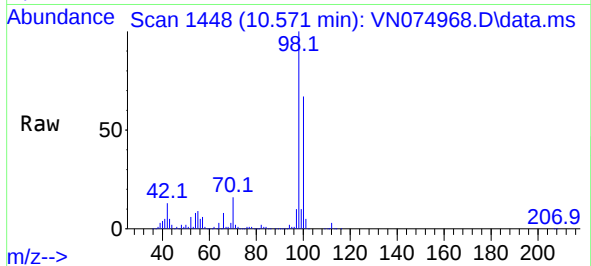




#50
Toluene-d8
Concen: 47.064 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

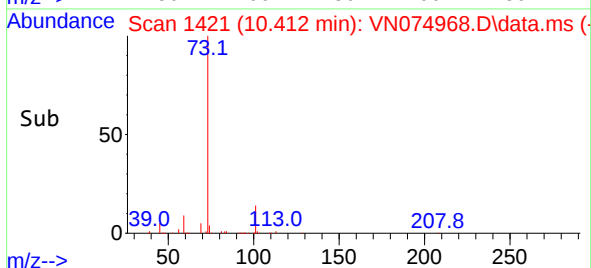
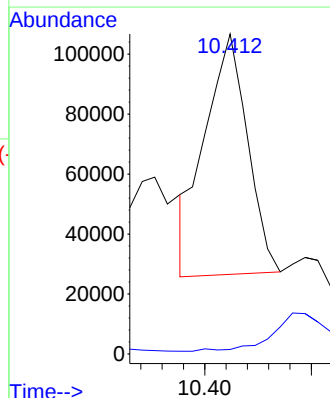
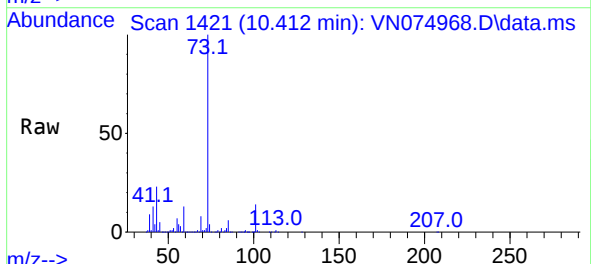
Instrument :
MSVOA_N
ClientSampleId :
MW-6

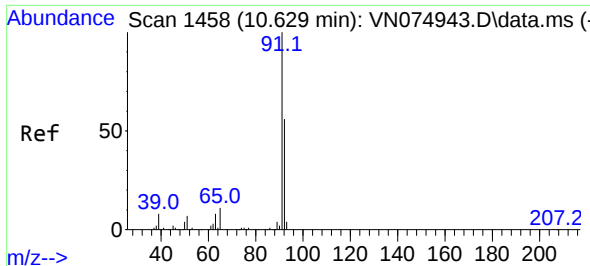
Tgt Ion: 98 Resp: 2738549
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 4.815 ug/l
RT: 10.412 min Scan# 1421
Delta R.T. -0.035 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 43 Resp: 111249
Ion Ratio Lower Upper
43 100
58 0.0 33.6 50.4#

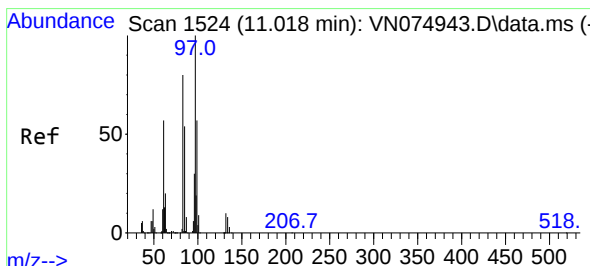
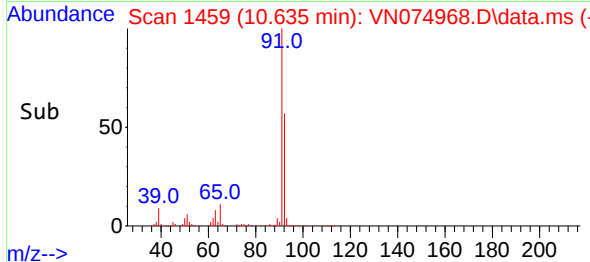
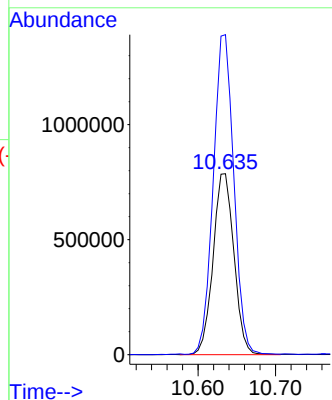
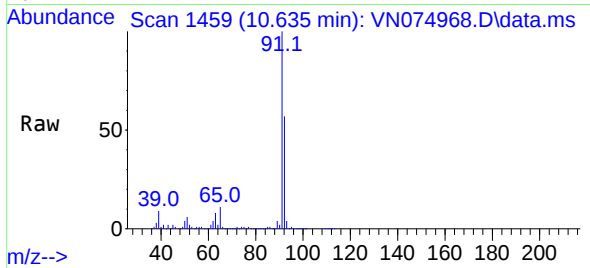




#52
Toluene
Concen: 38.315 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

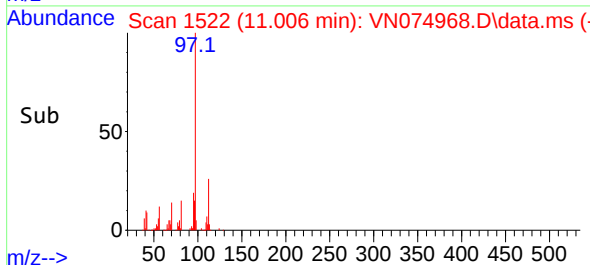
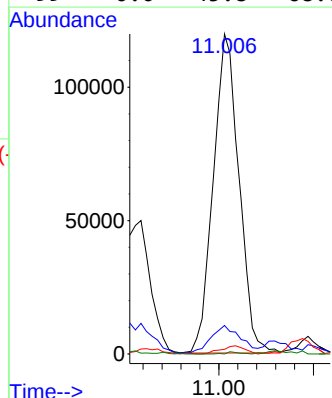
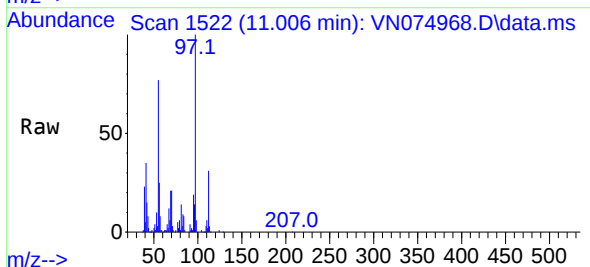
Instrument :
MSVOA_N
ClientSampleId :
MW-6

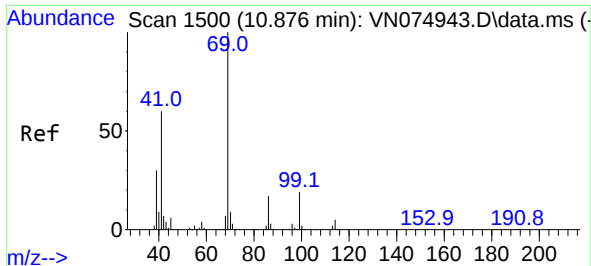
Tgt Ion: 92 Resp: 1472175
Ion Ratio Lower Upper
92 100
91 174.6 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 13.976 ug/l
RT: 11.006 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 97 Resp: 225341
Ion Ratio Lower Upper
97 100
83 8.7 64.2 96.4#
85 1.5 43.3 64.9#
99 0.0 45.8 68.6#

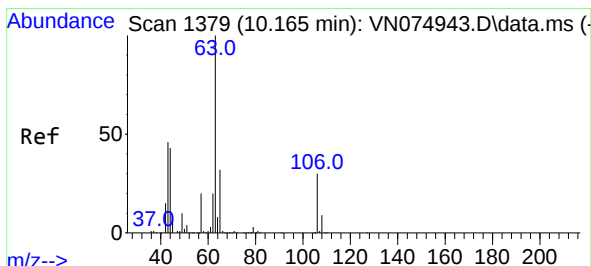
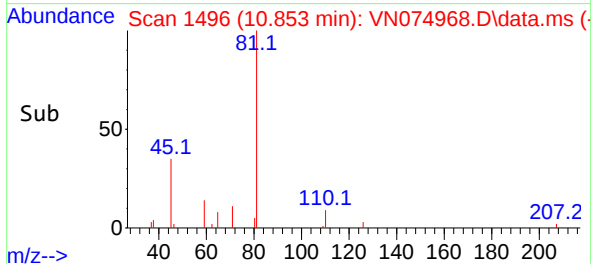
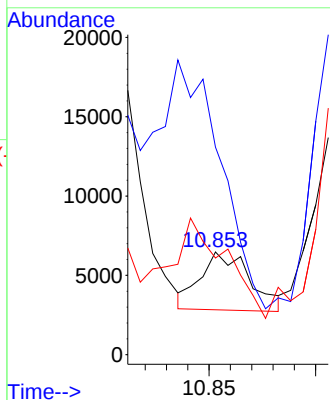
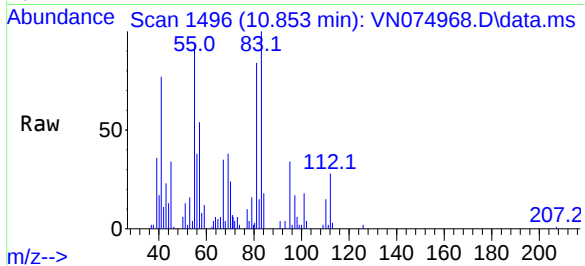




#56
Ethyl methacrylate
Concen: 0.243 ug/l
RT: 10.853 min Scan# 1496
Delta R.T. -0.023 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

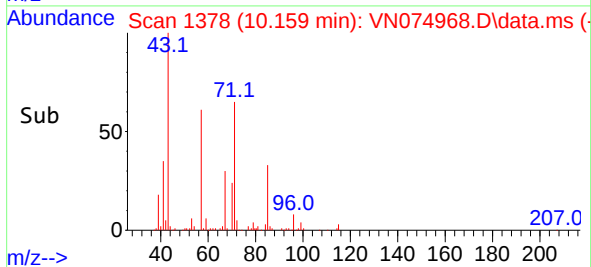
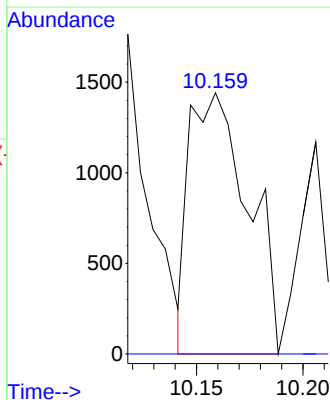
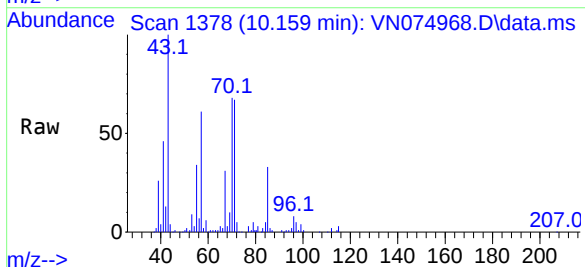
Instrument :
MSVOA_N
ClientSampleId :
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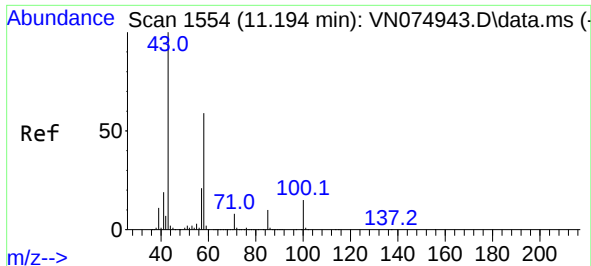
Tgt Ion: 69 Resp: 5908
Ion Ratio Lower Upper
69 100
41 471.5 45.1 67.7#
39 180.0 32.0 48.0#



#58
2-Chloroethyl Vinyl ether
Concen: 3.859 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 63 Resp: 2769
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#

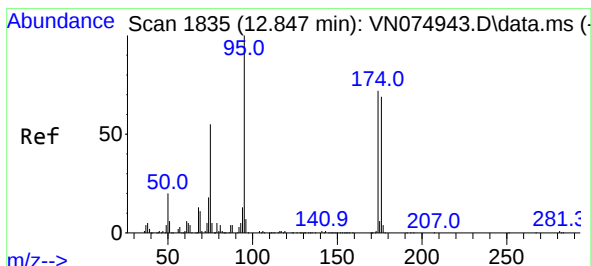
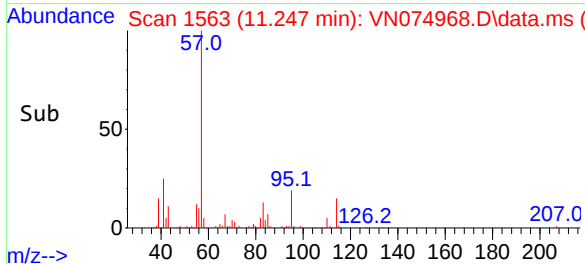
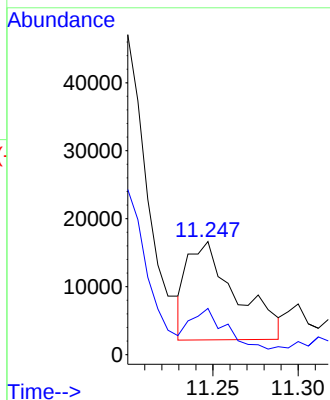
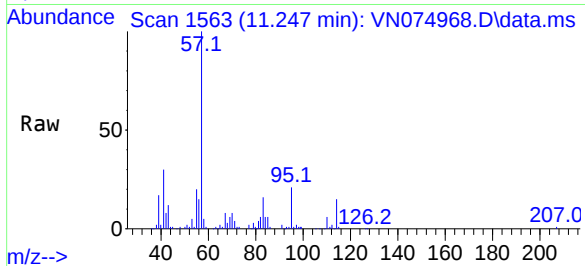




#59
2-Hexanone
Concen: 1.644 ug/l
RT: 11.247 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

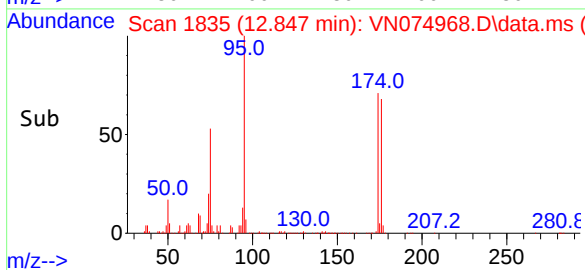
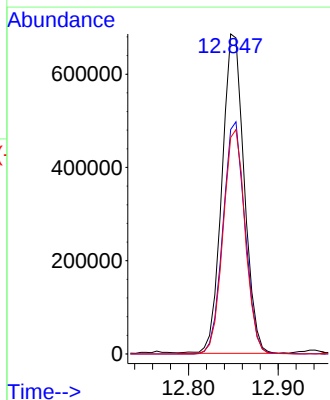
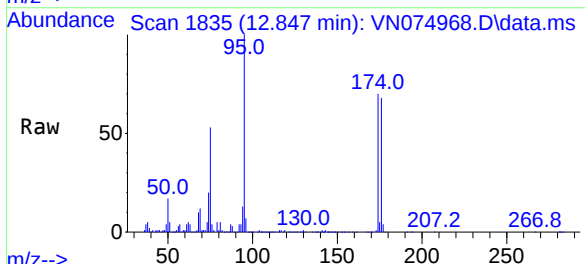
Instrument :
MSVOA_N
ClientSampleId :
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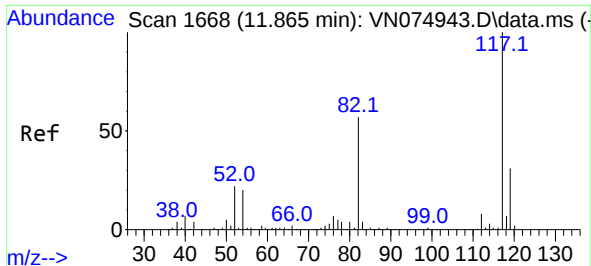
Tgt Ion: 43 Resp: 28816
Ion Ratio Lower Upper
43 100
58 29.5 29.5 88.5



#62
4-Bromofluorobenzene
Concen: 57.258 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 95 Resp: 1175238
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.0
176 69.7 0.0 138.2

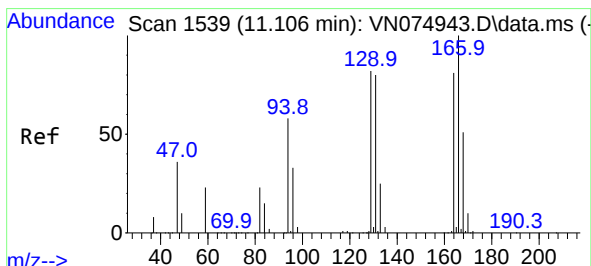
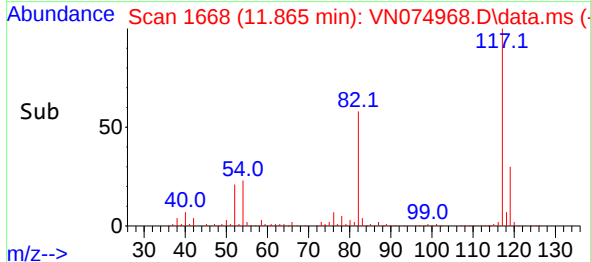
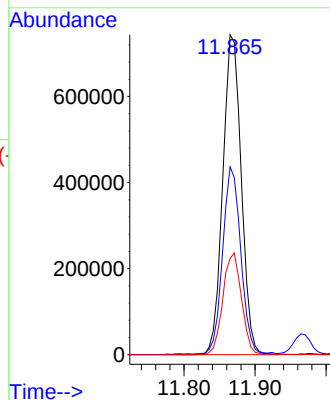
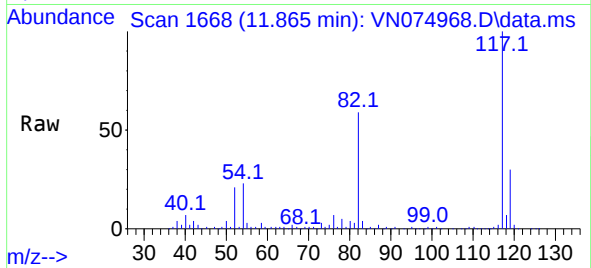




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

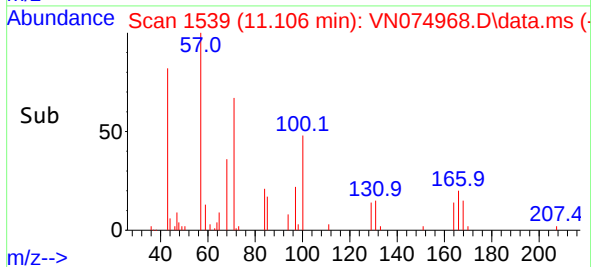
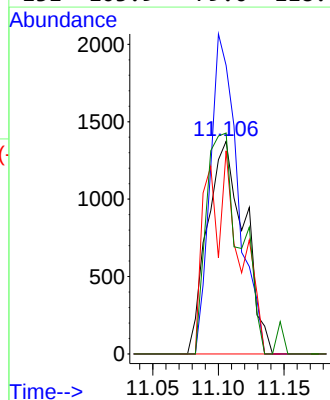
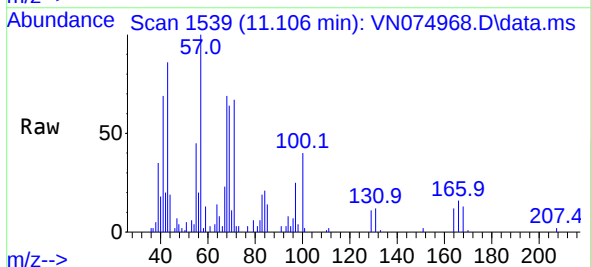
Instrument :
MSVOA_N
ClientSampleId :
MW-6

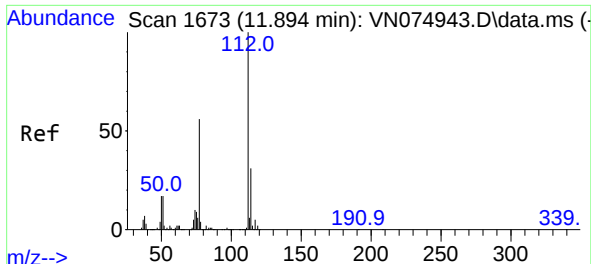
Tgt Ion:117 Resp: 1339114
Ion Ratio Lower Upper
117 100
82 58.4 45.6 68.4
119 30.0 25.1 37.7



#64
Tetrachloroethene
Concen: 0.248 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:164 Resp: 2712
Ion Ratio Lower Upper
164 100
166 135.6 98.6 148.0
129 95.6 81.2 121.8
131 103.9 79.0 118.6

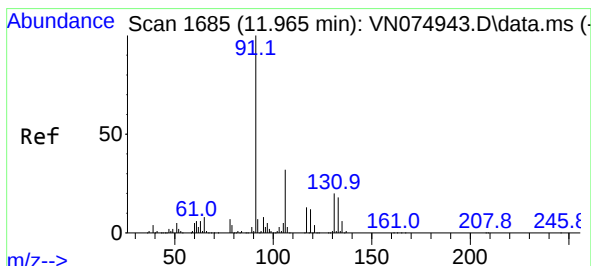
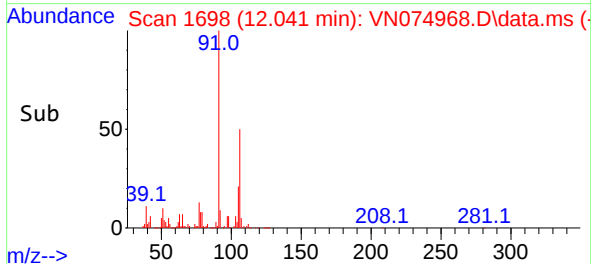
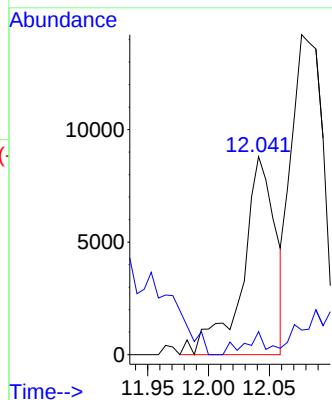
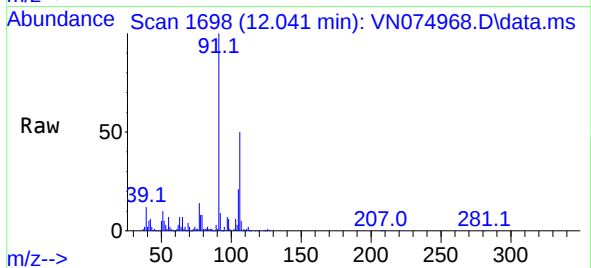




#65
Chlorobenzene
Concen: 0.406 ug/l
RT: 12.041 min Scan# 1
Delta R.T. 0.147 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

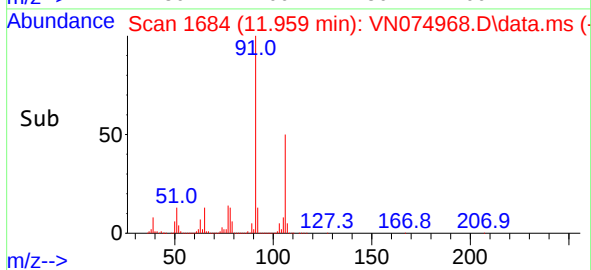
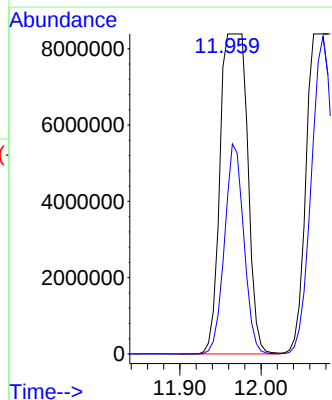
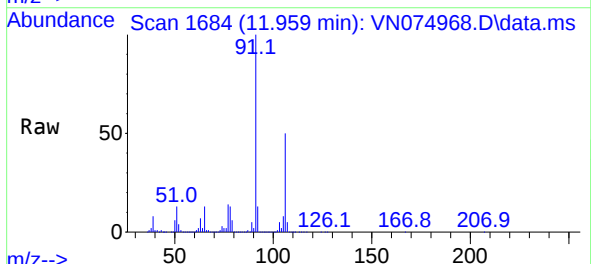
Instrument :
MSVOA_N
ClientSampleId :
MW-6

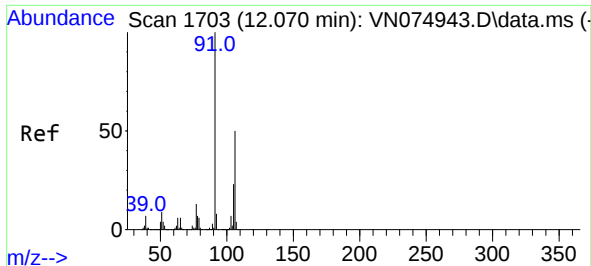
Tgt Ion:112 Resp: 16445
Ion Ratio Lower Upper
112 100
114 8.4 25.0 37.6#



#67
Ethyl Benzene
Concen: 273.190 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 91 Resp:19640240
Ion Ratio Lower Upper
91 100
106 49.6 25.4 38.2#

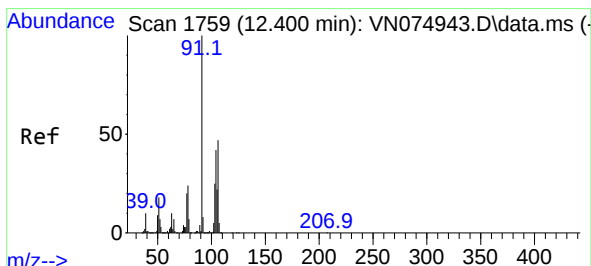
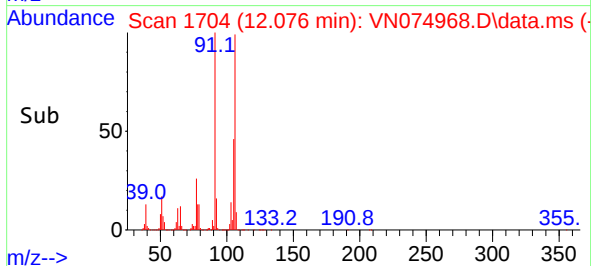
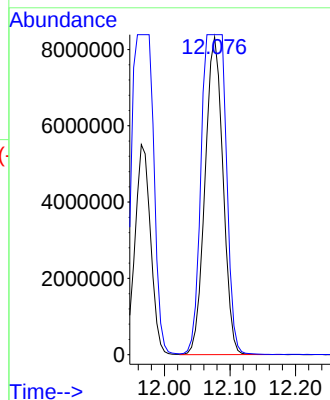
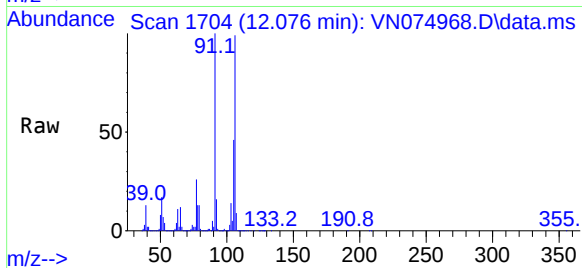




#68
m/p-Xylenes
Concen: 565.513 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

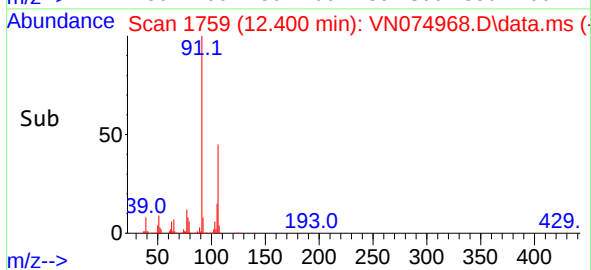
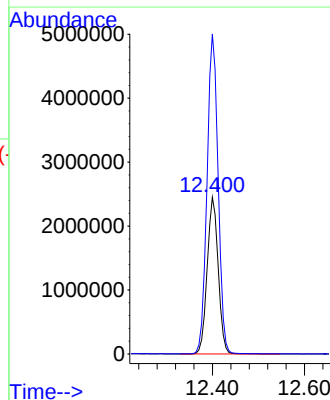
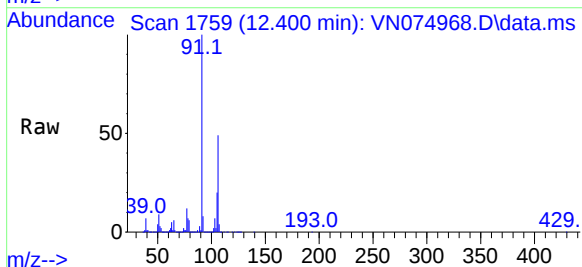
Instrument :
MSVOA_N
ClientSampleId :
MW-6

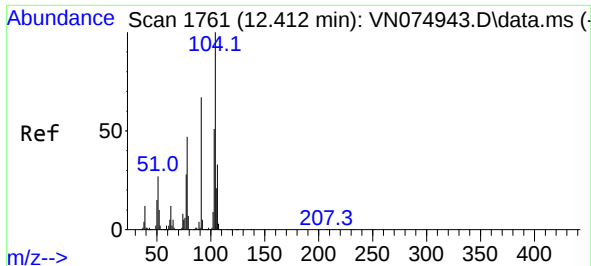
Tgt Ion:106 Resp:15852343
Ion Ratio Lower Upper
106 100
91 0.0 159.7 239.5#



#69
o-Xylene
Concen: 145.540 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:106 Resp: 4086817
Ion Ratio Lower Upper
106 100
91 205.2 103.6 310.7

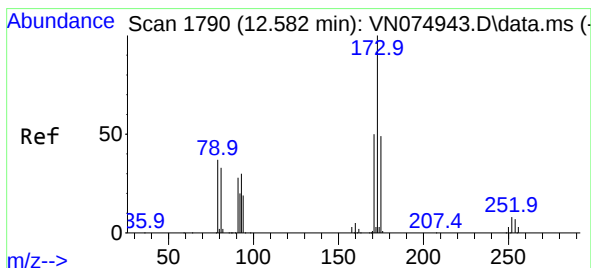
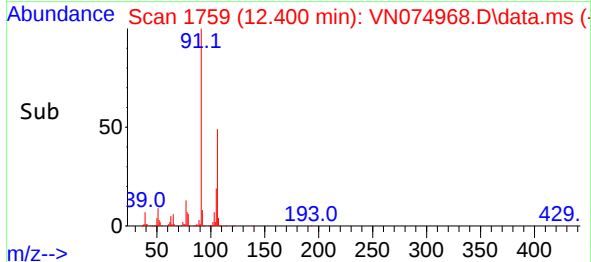
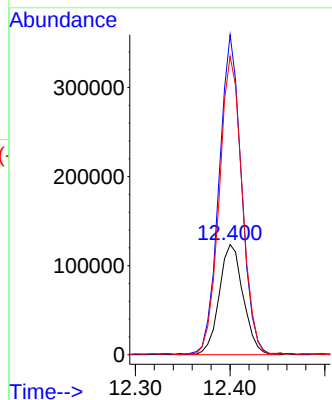
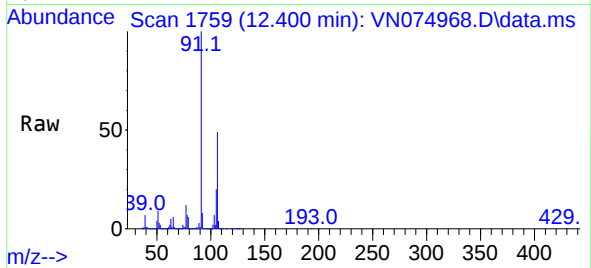




#70
Styrene
Concen: 4.889 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

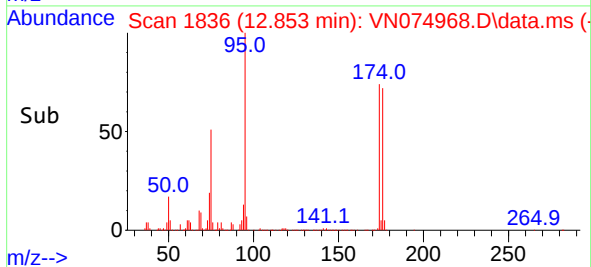
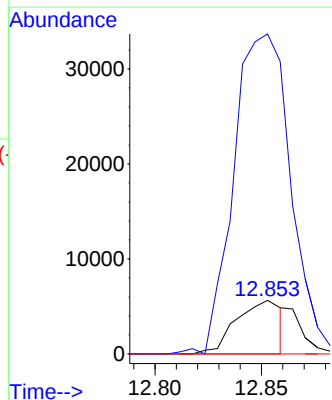
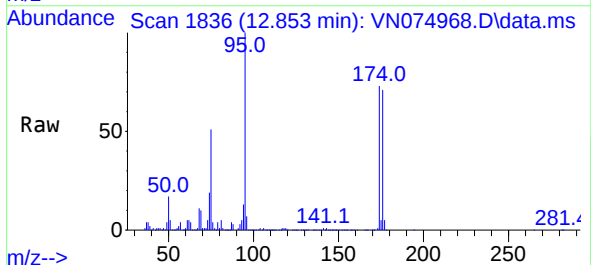
Instrument :
MSVOA_N
ClientSampleId :
MW-6

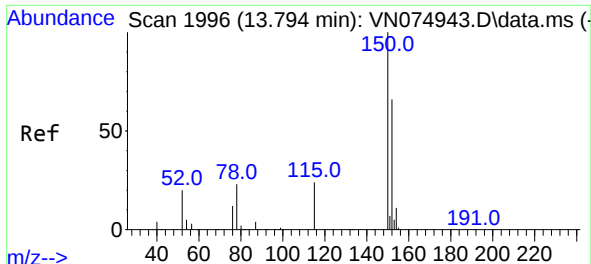
Tgt Ion:104 Resp: 217598
Ion Ratio Lower Upper
104 100
78 270.5 39.4 59.2#
103 258.2 43.0 64.4#



#71
Bromoform
Concen: 0.727 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:173 Resp: 8370
Ion Ratio Lower Upper
173 100
175 632.7 24.8 74.3#
254 0.0 0.1 0.1#

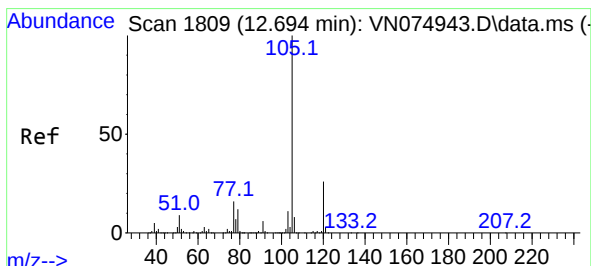
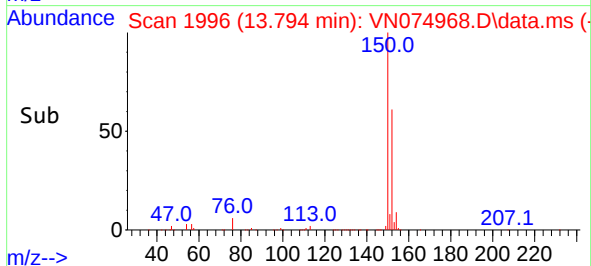
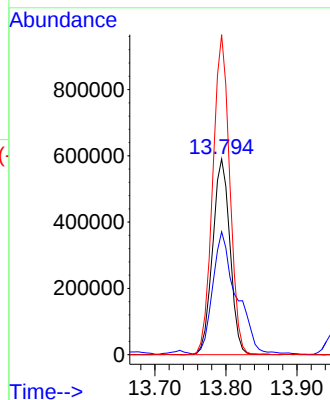
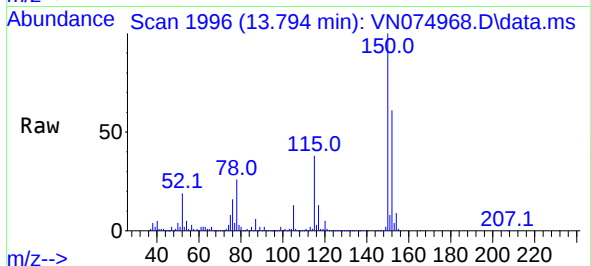




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

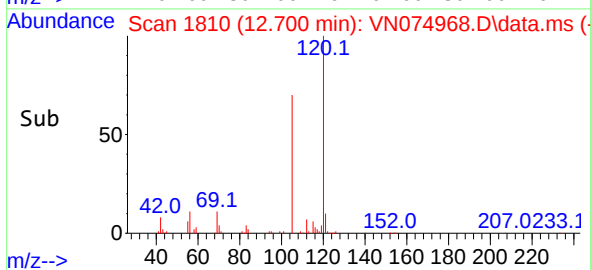
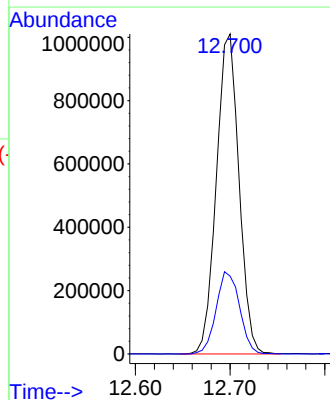
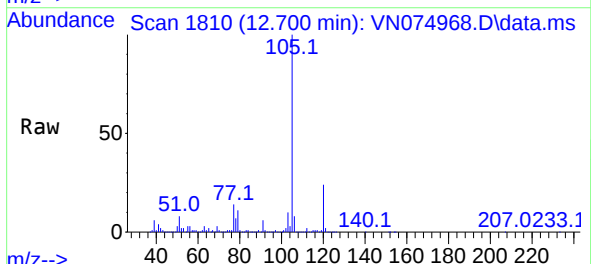
Instrument :
MSVOA_N
ClientSampleId :
MW-6

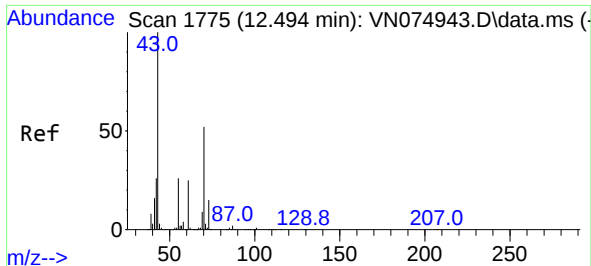
Tgt Ion:152 Resp: 1002316
Ion Ratio Lower Upper
152 100
115 86.2 31.3 93.8
150 159.8 0.0 349.6



#73
Isopropylbenzene
Concen: 20.459 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:105 Resp: 1675003
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



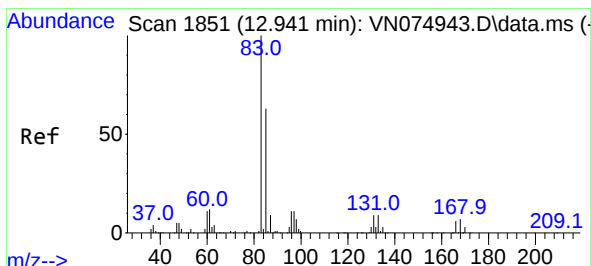
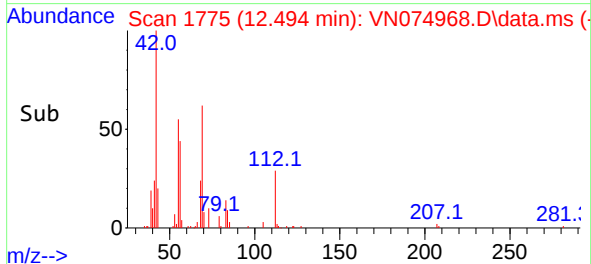
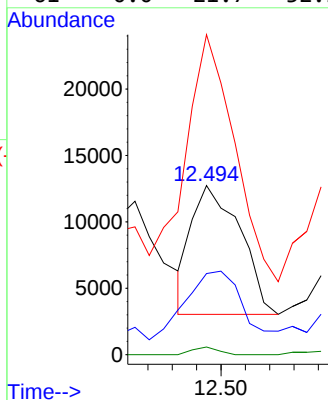
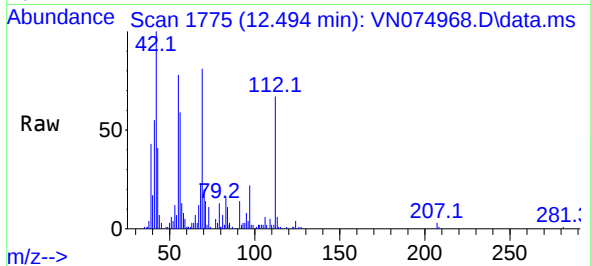


#74
N-amy1 acetate
Concen: 0.408 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 43 Resp: 13412

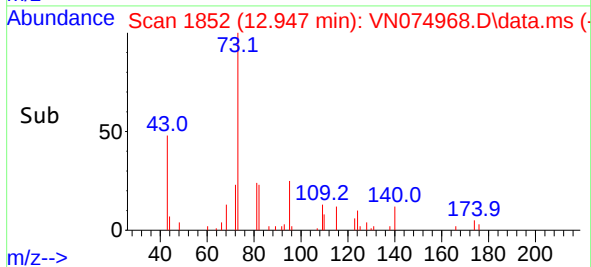
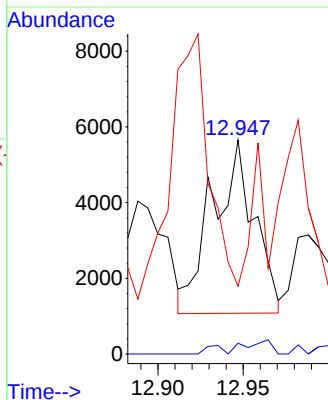
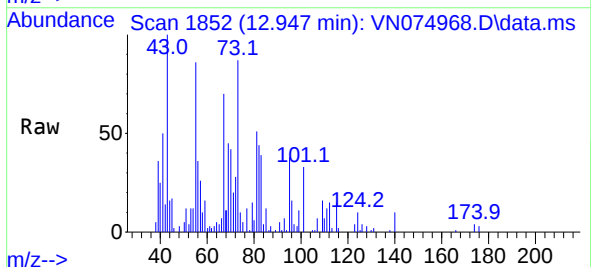
Ion	Ratio	Lower	Upper
43	100		
70	61.8	40.2	60.2#
55	222.6	20.6	31.0#
61	0.0	21.7	32.5#

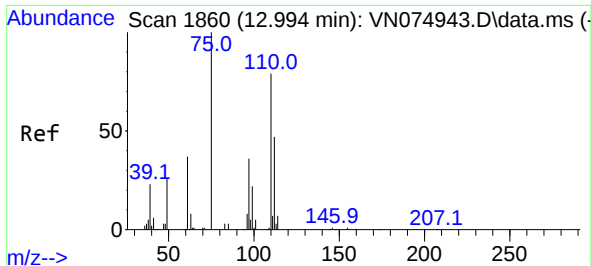


#75
1,1,2,2-Tetrachloroethane
Concen: 0.254 ug/l
RT: 12.947 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 83 Resp: 7781

Ion	Ratio	Lower	Upper
83	100		
131	1.9	5.1	15.3#
85	0.0	32.6	97.7#

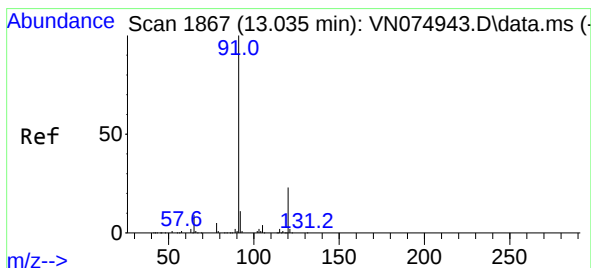
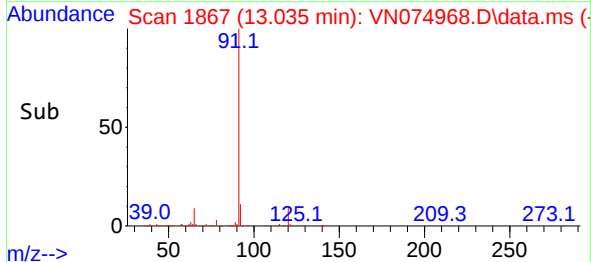
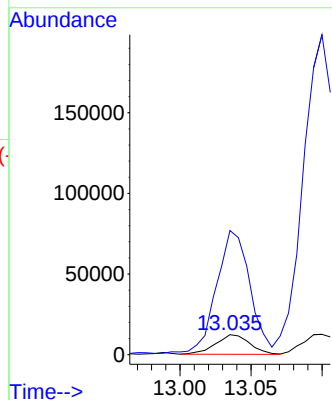
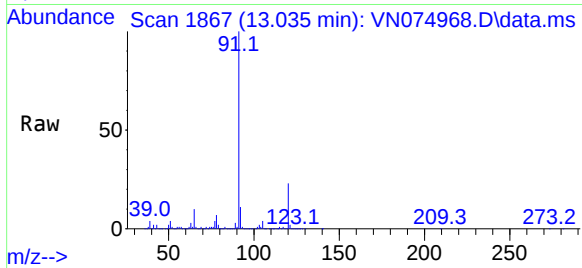




#76
1,2,3-Trichloropropane
Concen: 0.745 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.041 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

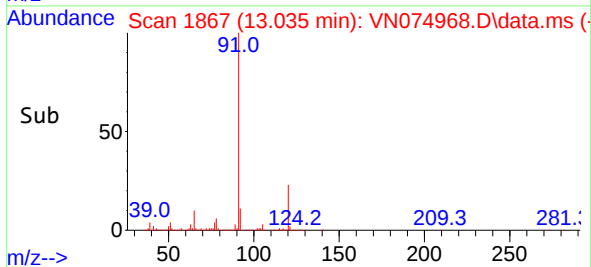
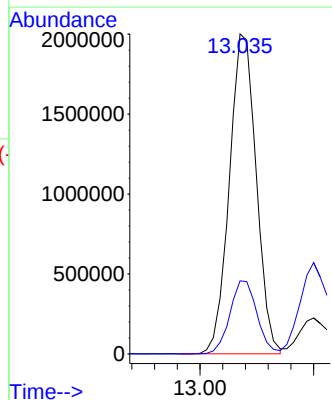
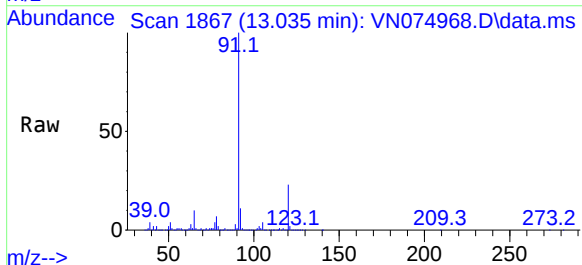
Instrument :
MSVOA_N
ClientSampleId :
MW-6

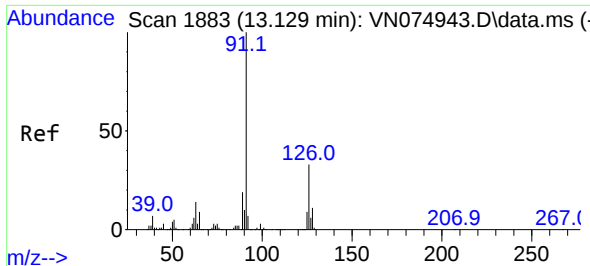
Tgt Ion: 75 Resp: 20260
Ion Ratio Lower Upper
75 100
77 613.9 81.0 243.0#



#78
n-propylbenzene
Concen: 34.264 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 91 Resp: 3283114
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

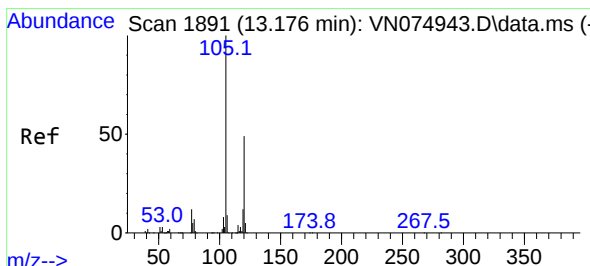
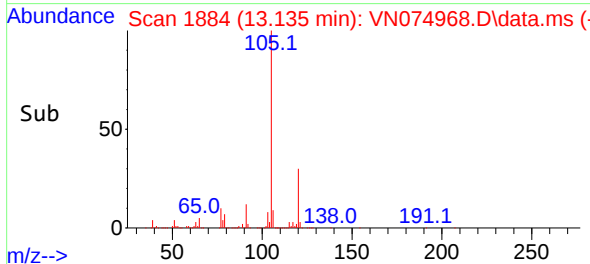
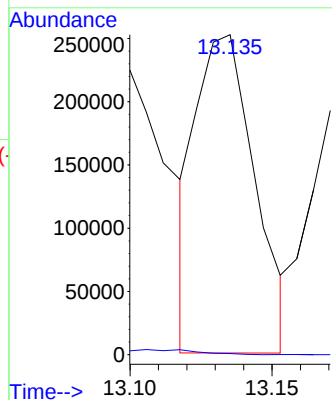
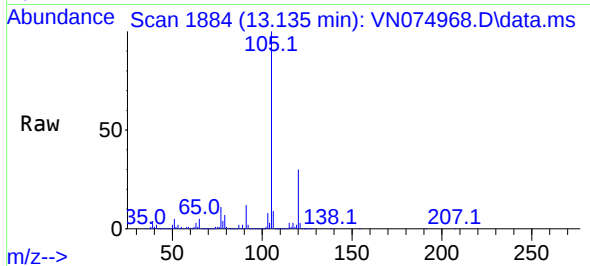




#79
2-Chlorotoluene
Concen: 6.114 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

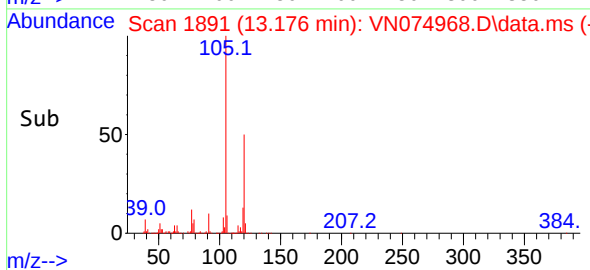
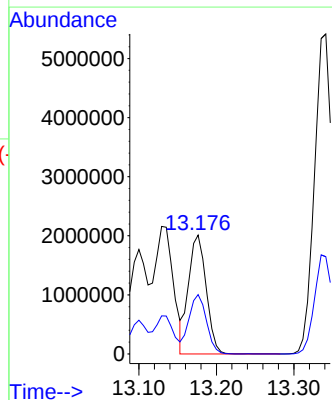
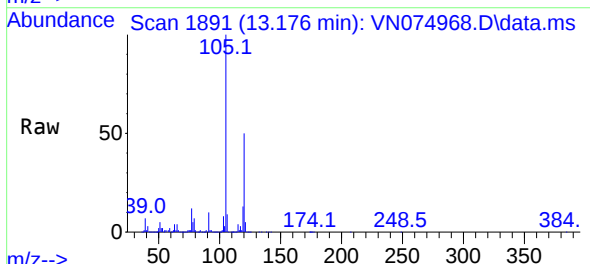
Instrument :
MSVOA_N
ClientSampleId :
MW-6

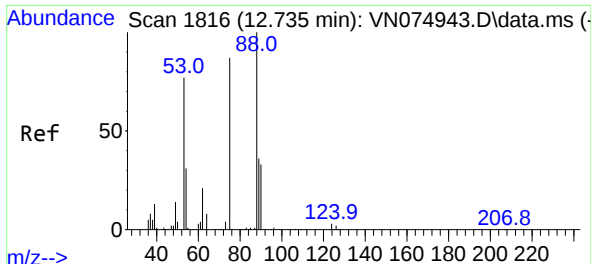
Tgt Ion: 91 Resp: 362883
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 45.136 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 105 Resp: 3191923
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9

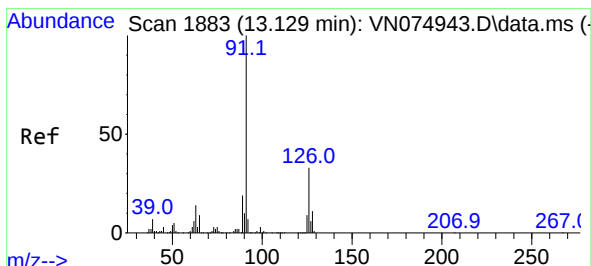
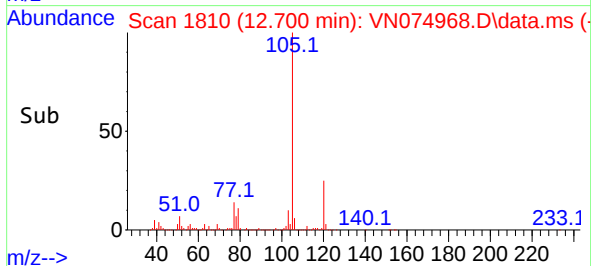
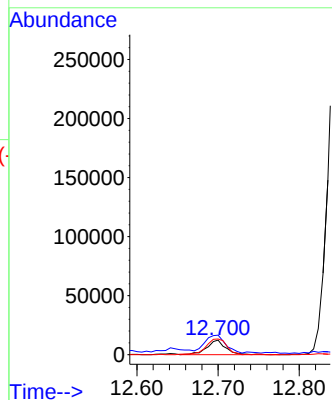
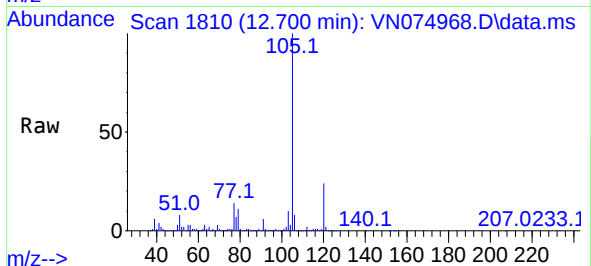




#81
trans-1,4-Dichloro-2-butene
Concen: 2.352 ug/l
RT: 12.700 min Scan# 1816
Delta R.T. -0.035 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

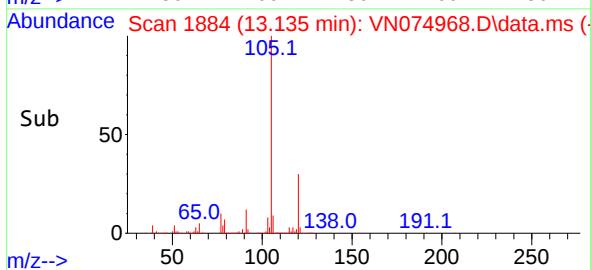
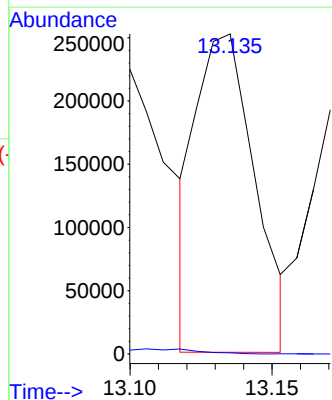
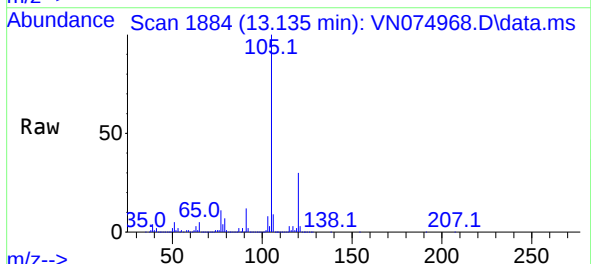
Instrument :
MSVOA_N
ClientSampleId :
MW-6

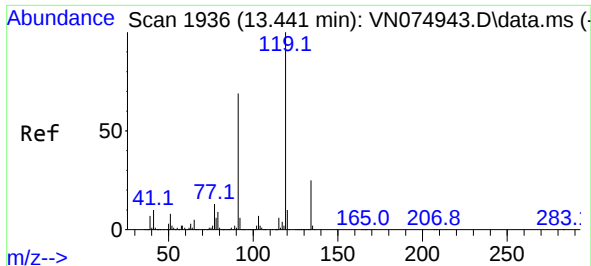
Tgt Ion: 75 Resp: 19936
Ion Ratio Lower Upper
75 100
53 132.8 79.2 118.8#
89 119.5 37.9 56.9#



#82
4-Chlorotoluene
Concen: 6.114 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 91 Resp: 362883
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

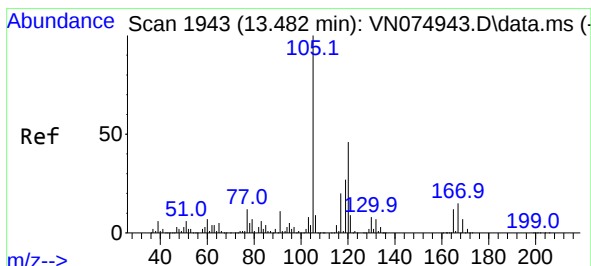
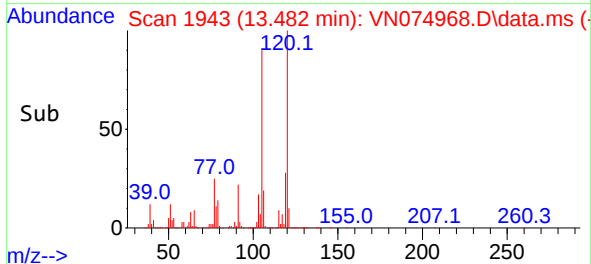
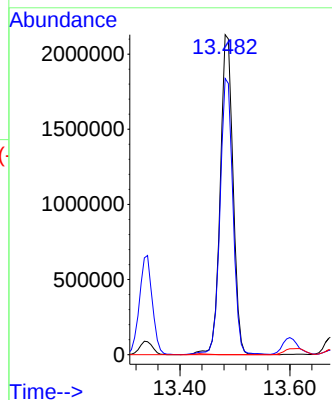
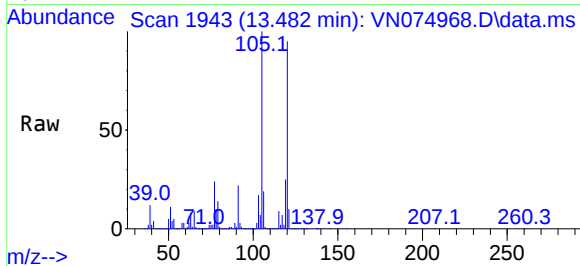




#83
tert-Butylbenzene
Concen: 54.946 ug/l
RT: 13.482 min Scan# 1919
Delta R.T. 0.041 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

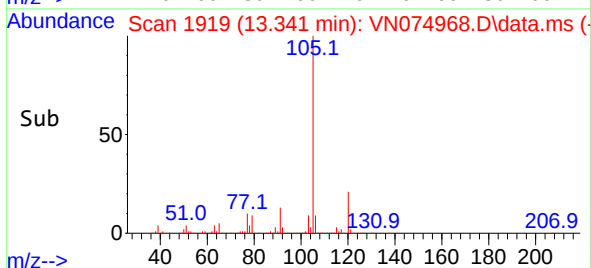
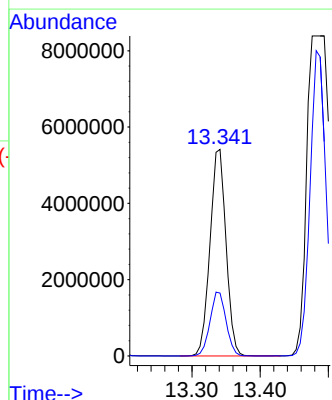
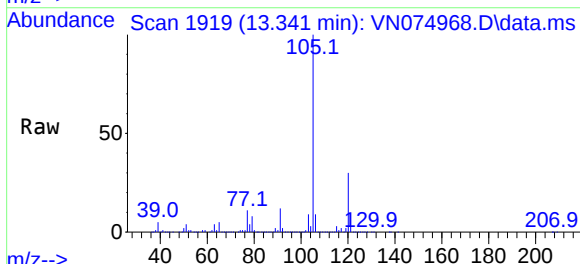
Instrument :
MSVOA_N
ClientSampleId :
MW-6

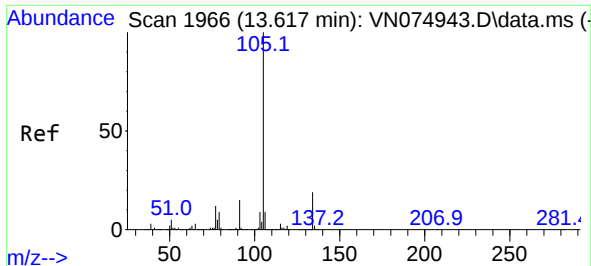
Tgt Ion:119 Resp: 3438607
Ion Ratio Lower Upper
119 100
91 86.9 33.1 99.3
134 0.0 12.4 37.0#



#84
1,2,4-Trimethylbenzene
Concen: 123.975 ug/l
RT: 13.341 min Scan# 1919
Delta R.T. -0.141 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion:105 Resp: 8855146
Ion Ratio Lower Upper
105 100
120 30.9 22.9 68.5

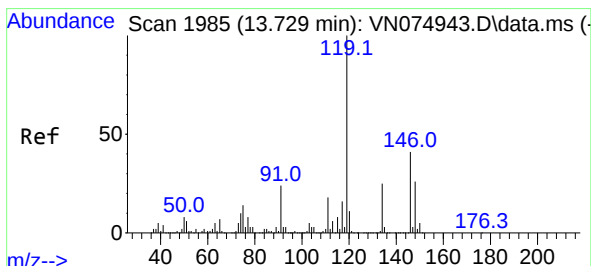
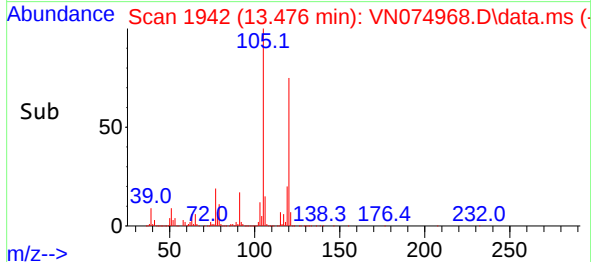
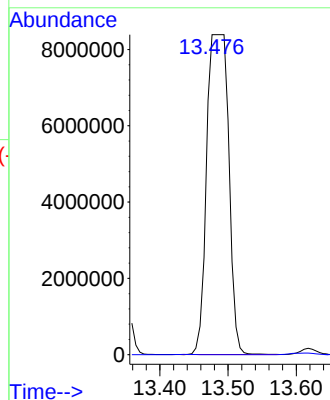
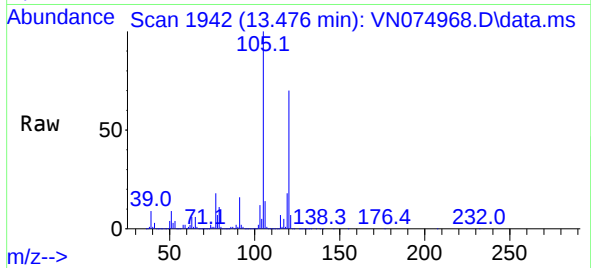




#85
 sec-Butylbenzene
 Concen: 214.146 ug/l
 RT: 13.476 min Scan# 1942
 Delta R.T. -0.141 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

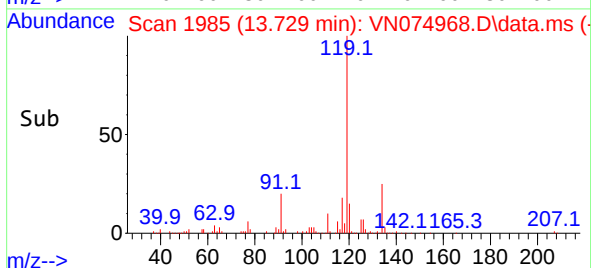
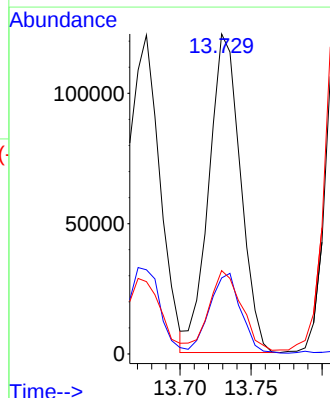
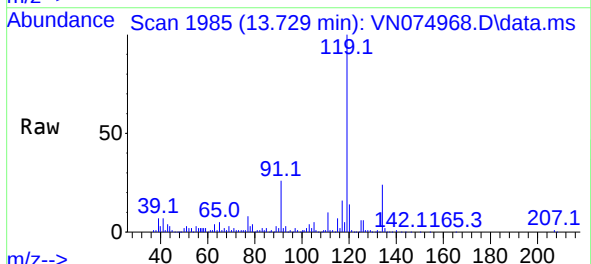
Instrument :
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 ClientSampleId :
 MW-6

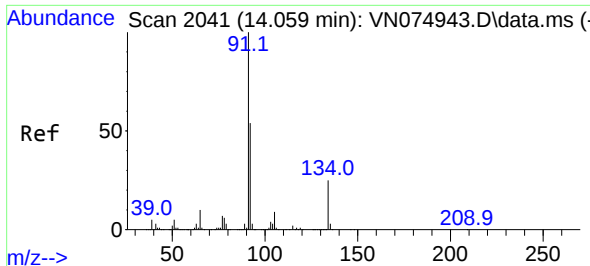
Tgt Ion:105 Resp:18816458
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 2.617 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

Tgt Ion:119 Resp: 189371
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.9 38.7
 91 0.0 11.9 35.5#

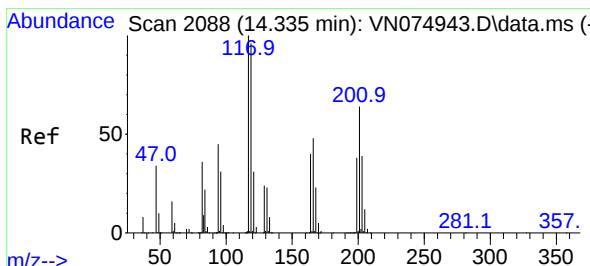
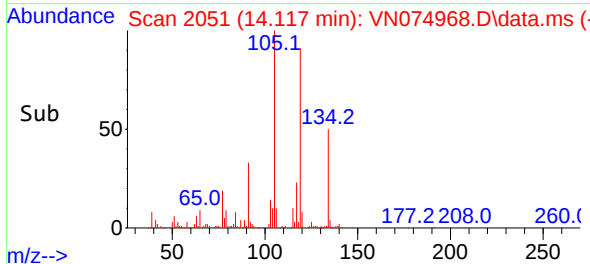
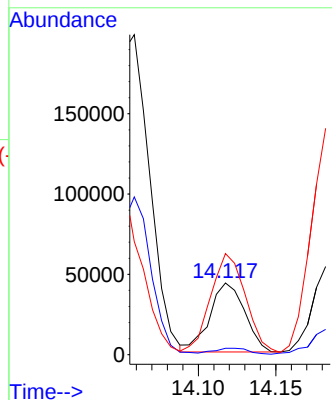
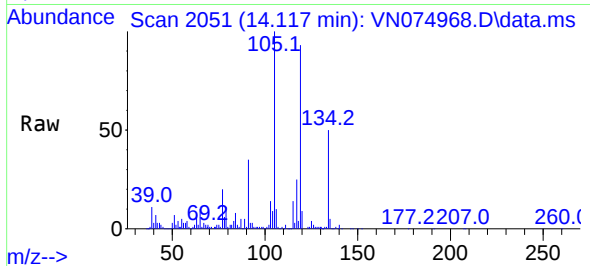




#89
n-Butylbenzene
Concen: 1.094 ug/l
RT: 14.117 min Scan# 2041
Delta R.T. 0.059 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

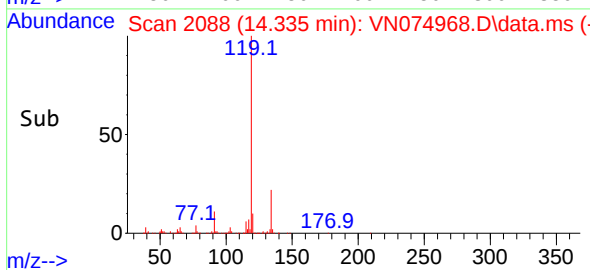
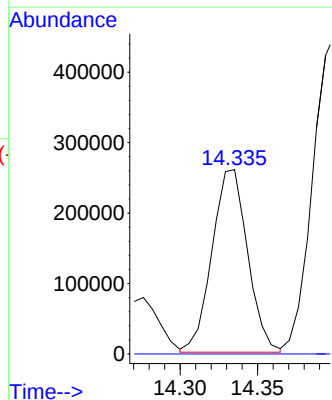
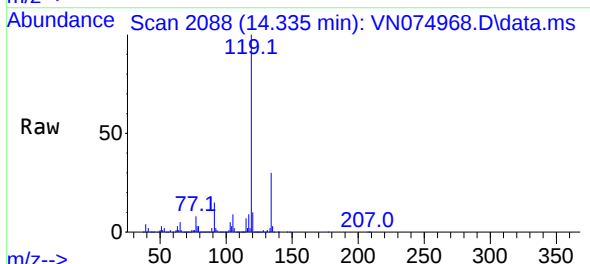
Instrument :
MSVOA_N
ClientSampleId :
MW-6

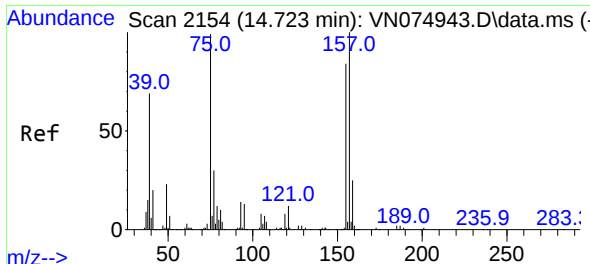
Tgt Ion: 91 Resp: 67628
Ion Ratio Lower Upper
91 100
92 8.5 26.3 78.9#
134 142.6 12.6 37.6#



#90
Hexachloroethane
Concen: 29.536 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074968.D
Acq: 21 Oct 2022 17:48

Tgt Ion: 117 Resp: 414125
Ion Ratio Lower Upper
117 100
201 0.0 30.6 91.6#

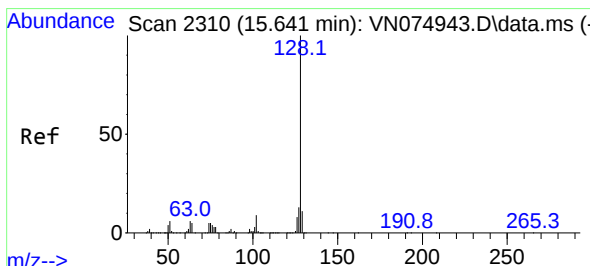
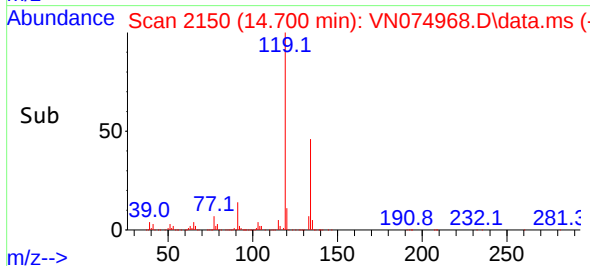
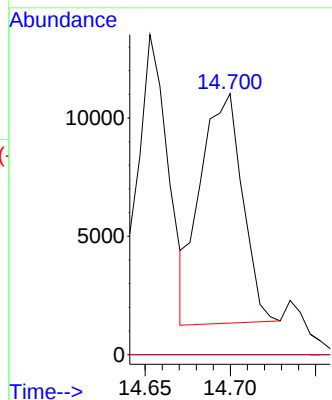
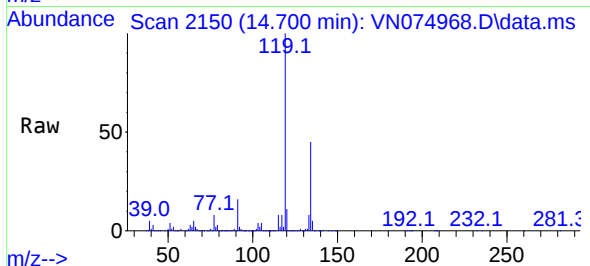




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.612 ug/l
 RT: 14.700 min Scan# 2154
 Delta R.T. -0.023 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Tgt Ion: 75 Resp: 16591
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.6 118.8#
 157 0.0 47.8 143.4#



#95
 Naphthalene
 Concen: 120.050 ug/l
 RT: 15.641 min Scan# 2310
 Delta R.T. 0.000 min
 Lab File: VN074968.D
 Acq: 21 Oct 2022 17:48

Tgt Ion:128 Resp: 7310417
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.6 12.8

