

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075800.D
 Acq On : 15 Dec 2022 05:15
 Operator : JC\MD
 Sample : N5990-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

Quant Time: Dec 15 07:45:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	371580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243134	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189082	46.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.540%
35) Dibromofluoromethane	8.171	113	165854	46.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	10.571	98	676630	50.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.853	95	236185	53.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.120%

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1009	0.308	ug/l #	40
11) Tert butyl alcohol	5.530	59	3276	5.727	ug/l #	72
13) Acrolein	4.153	56	2078	2.963	ug/l #	1
14) Allyl chloride	5.142	41	4116	1.069	ug/l #	20
15) Acrylonitrile	5.824	53	8884	5.691	ug/l #	36
16) Acetone	4.448	43	11566	8.300	ug/l #	56
18) Methyl Acetate	5.130	43	4835	1.174	ug/l #	45
19) Methyl tert-butyl Ether	5.800	73	77159	7.115	ug/l #	1
20) Methylene Chloride	5.295	84	1312	Below Cal	#	1
22) Diisopropyl ether	6.677	45	3816	0.408	ug/l #	93
23) Vinyl Acetate	6.594	43	5445	0.865	ug/l #	65
25) 2-Butanone	7.500	43	4560	2.337	ug/l #	67
26) 2,2-Dichloropropane	7.353	77	5291	1.002	ug/l #	50
28) Bromochloromethane	8.018	49	917	0.335	ug/l #	4
29) Tetrahydrofuran	7.865	42	917	0.750	ug/l #	36
30) Chloroform	7.947	83	14687	2.091	ug/l #	20
31) Cyclohexane	8.259	56	228915	39.540	ug/l #	91
36) 1,1-Dichloropropene	8.230	75	25587	5.409	ug/l #	48
37) Ethyl Acetate	7.500	43	4560	1.200	ug/l #	67
38) Carbon Tetrachloride	8.230	117	35064	6.623	ug/l #	16
39) Methylcyclohexane	9.606	83	259156	45.413	ug/l	97
40) Benzene	8.612	78	782141	53.592	ug/l	98
41) Methacrylonitrile	7.736	41	981	0.497	ug/l #	18
43) Isopropyl Acetate	8.706	43	19541	3.118	ug/l #	50
45) 1,2-Dichloropropane	9.600	63	2146	0.604	ug/l #	1
47) Bromodichloromethane	9.877	83	6522	1.263	ug/l #	25
48) Methyl methacrylate	9.606	41	142745	50.567	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	1617	0.427	ug/l #	82
52) Toluene	10.635	92	103828	10.924	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	29685	7.957	ug/l #	22
56) Ethyl methacrylate	10.918	69	4312	0.870	ug/l #	6
58) 2-Chloroethyl Vinyl ether	10.106	63	6599	4.183	ug/l #	42
59) 2-Hexanone	11.324	43	2095	0.758	ug/l	60
65) Chlorobenzene	11.894	112	9422	0.892	ug/l #	78
68) m/p-Xylenes	12.076	106	15383020	2180.154	ug/l #	1
69) o-Xylene	12.400	106	6721859	962.658	ug/l	99

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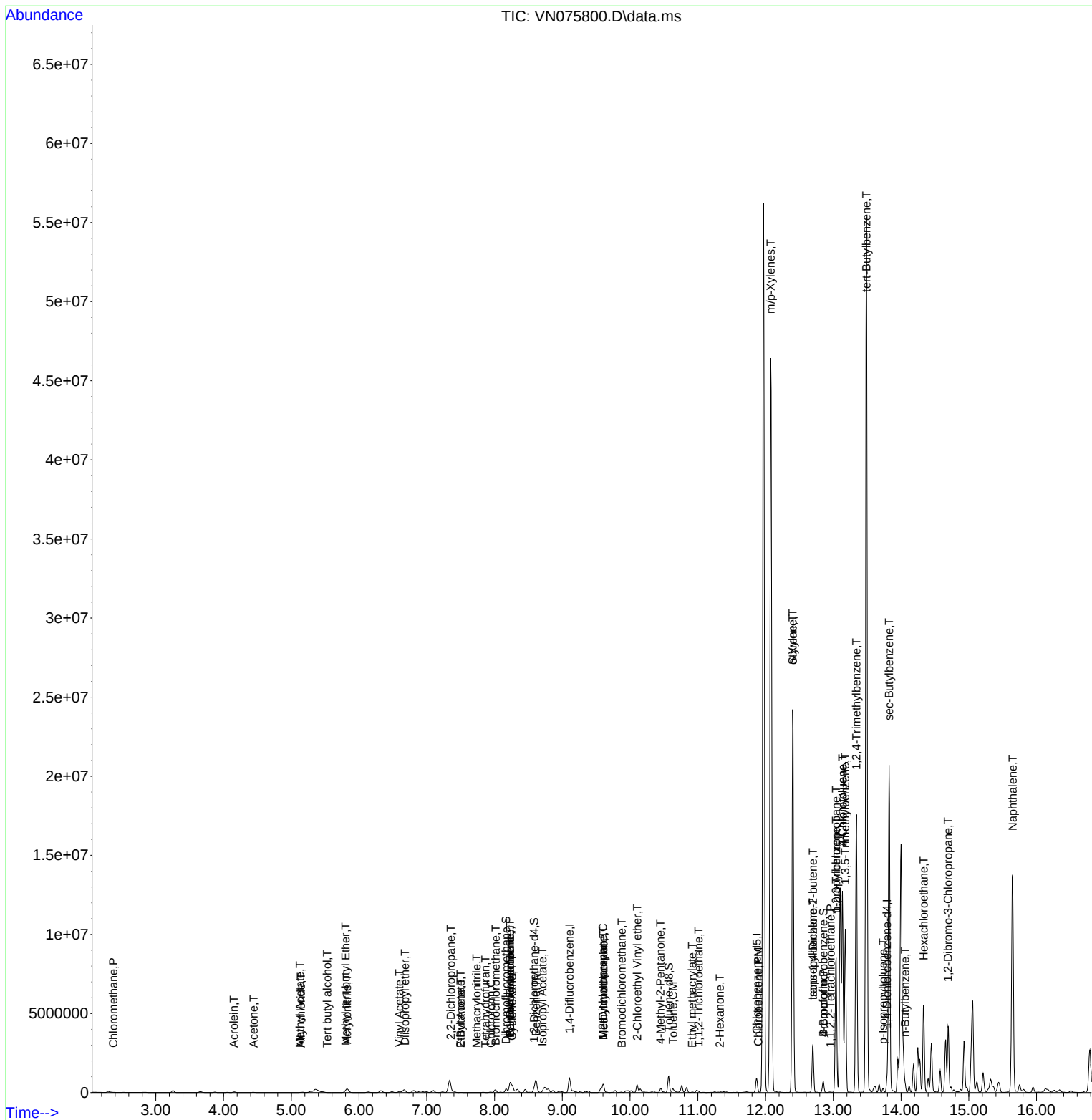
Quant Time: Dec 15 07:45:03 2022
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 QLast Update : Wed Dec 14 13:03:41 2022
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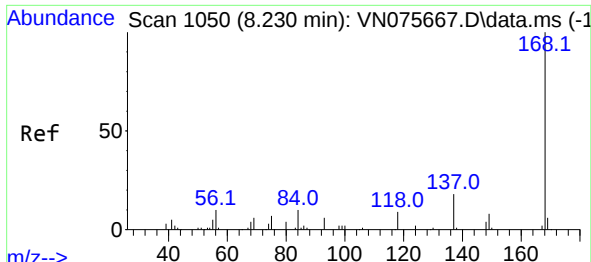
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

70) Styrene	12.400	104	340011	30.625	ug/l	#	1
71) Bromoform	12.853	173	1866	0.655	ug/l	#	1
73) Isopropylbenzene	12.700	105	2084486	118.639	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.959	83	3405	0.627	ug/l	#	54
76) 1,2,3-Trichloropropane	13.041	75	44212	9.021	ug/l	#	1
78) n-propylbenzene	13.041	91	6942252	358.242	ug/l		98
79) 2-Chlorotoluene	13.135	91	940371	77.737	ug/l	#	40
80) 1,3,5-Trimethylbenzene	13.176	105	5333812	362.718	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.700	75	24421	17.936	ug/l	#	66
82) 4-Chlorotoluene	13.135	91	940371	77.737	ug/l	#	40
83) tert-Butylbenzene	13.488	119	4153660	320.370	ug/l	#	57
84) 1,2,4-Trimethylbenzene	13.341	105	11009659	754.703	ug/l		76
85) sec-Butylbenzene	13.823	105	11671997	652.248	ug/l	#	56
86) p-Isopropyltoluene	13.735	119	128271	8.614	ug/l	#	78
89) n-Butylbenzene	14.059	91	246751	20.455	ug/l	#	68
90) Hexachloroethane	14.335	117	277097	104.033	ug/l	#	11
92) 1,2-Dibromo-3-Chloropr...	14.694	75	18940	19.652	ug/l	#	1
95) Naphthalene	15.647	128	12819480	928.796	ug/l		99

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

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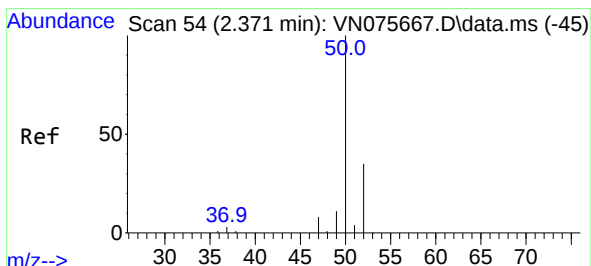
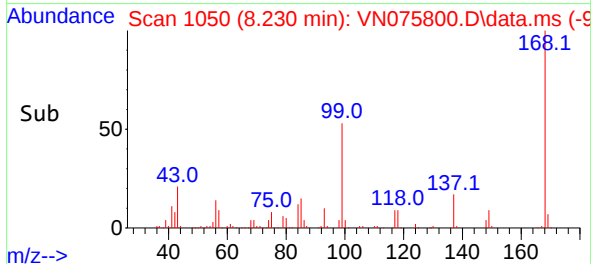
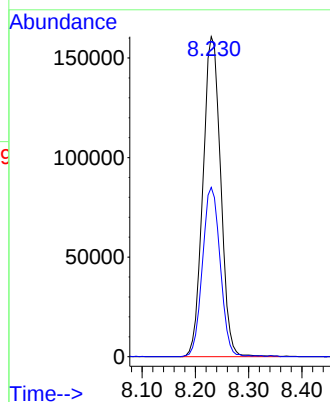
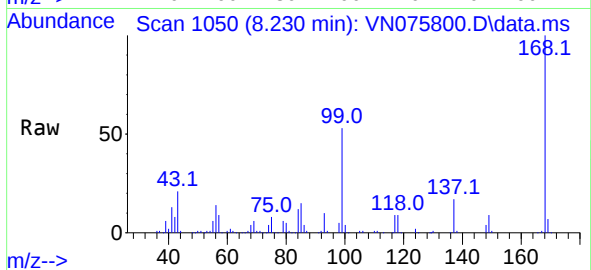




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075800.D
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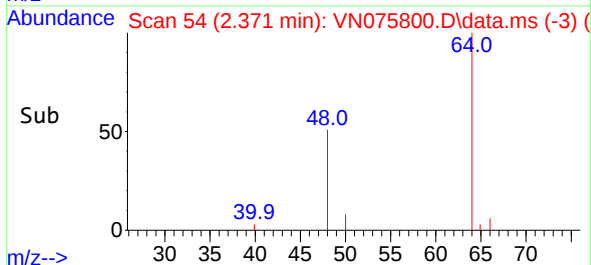
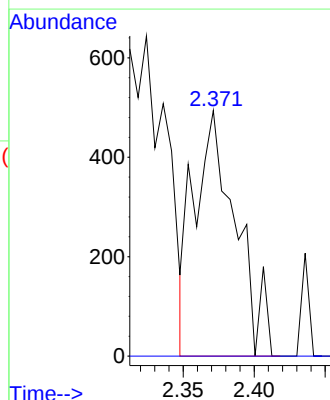
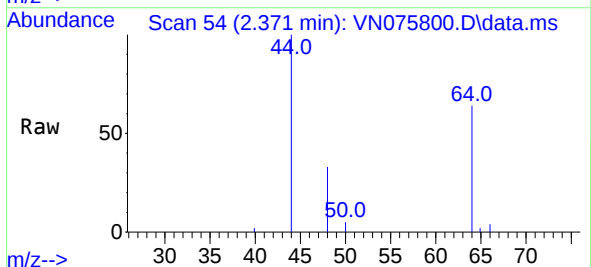
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MW-43

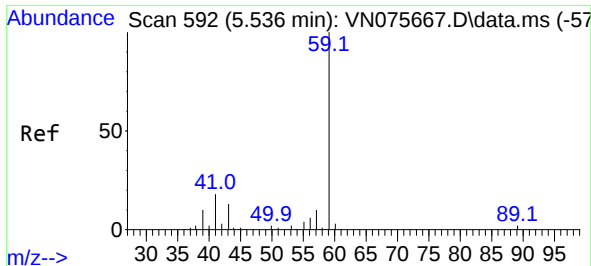
Tgt Ion:168 Resp: 371580
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 50 Resp: 1009
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#





#11

Tert butyl alcohol

Concen: 5.727 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.006 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

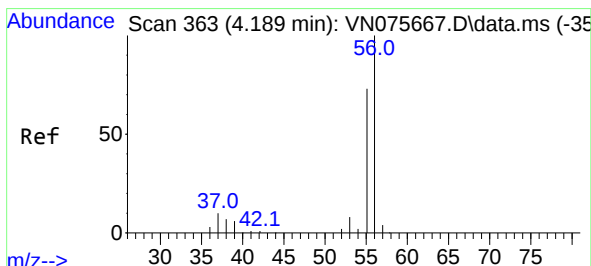
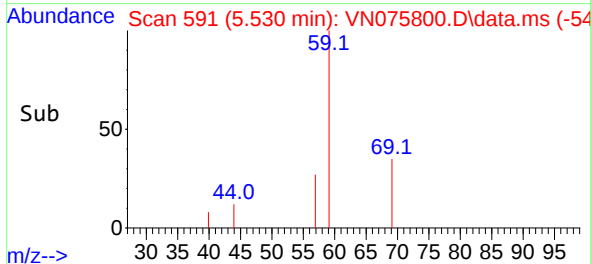
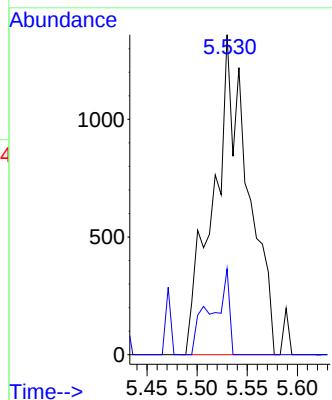
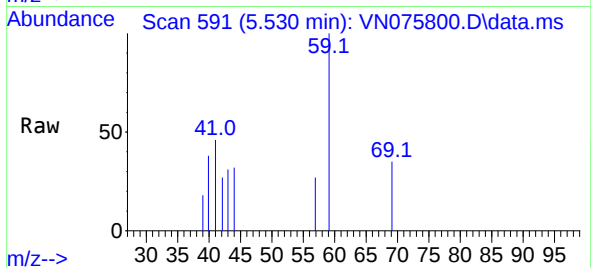
MW-43

Tgt Ion: 59 Resp: 3276

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 2.963 ug/l

RT: 4.153 min Scan# 357

Delta R.T. -0.035 min

Lab File: VN075800.D

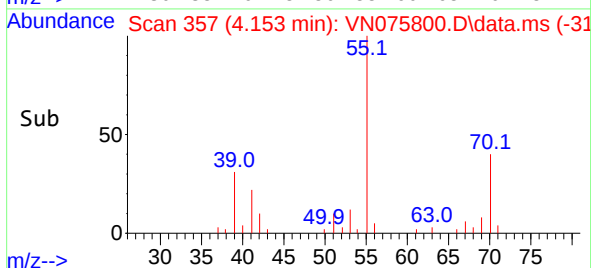
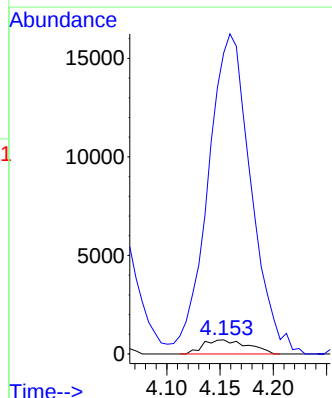
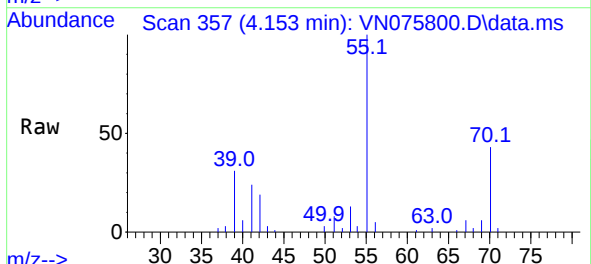
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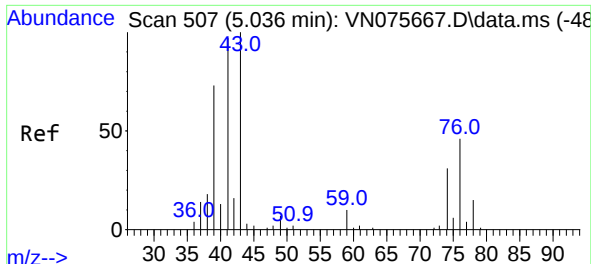
Tgt Ion: 56 Resp: 2078

Ion Ratio Lower Upper

56 100

55 2197.6 54.8 82.2#

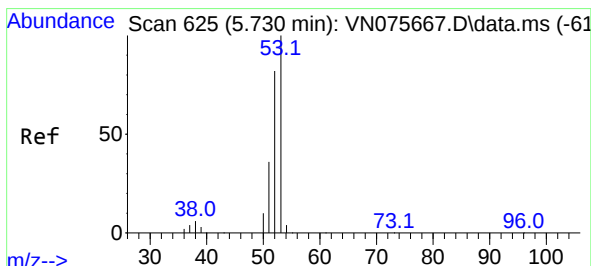
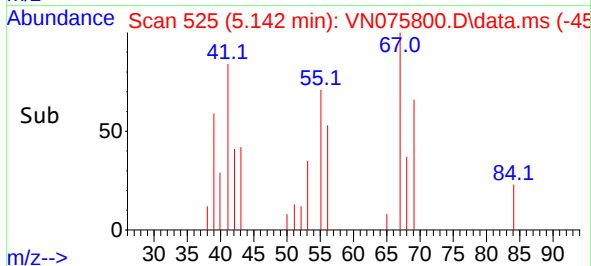
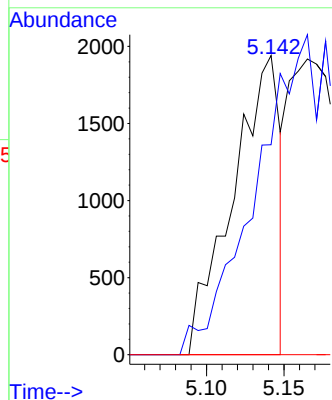
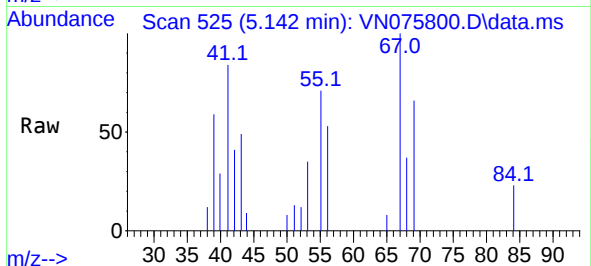




#14
 Allyl chloride
 Concen: 1.069 ug/l
 RT: 5.142 min Scan# 51
 Delta R.T. 0.106 min
 Lab File: VN075800.D
 Acq: 15 Dec 2022 05:15

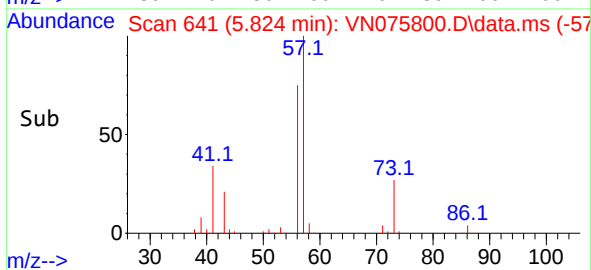
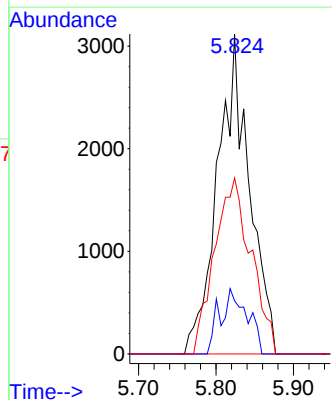
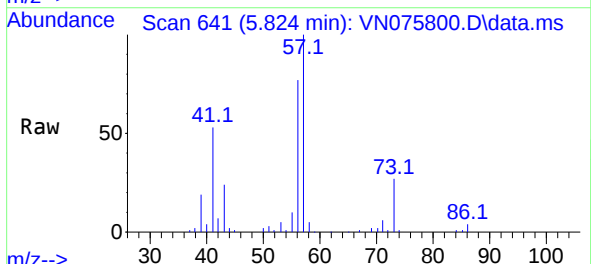
Instrument :
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 MW-43

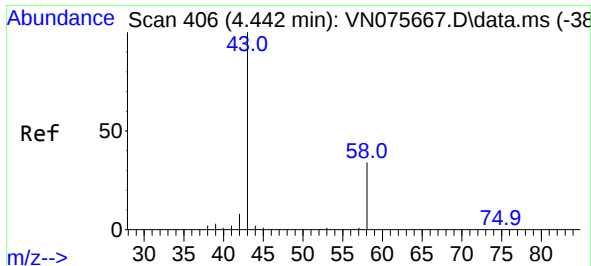
Tgt Ion: 41 Resp: 4116
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.3 87.5#
 76 0.0 35.8 53.6#



#15
 Acrylonitrile
 Concen: 5.691 ug/l
 RT: 5.824 min Scan# 641
 Delta R.T. 0.100 min
 Lab File: VN075800.D
 Acq: 15 Dec 2022 05:15

Tgt Ion: 53 Resp: 8884
 Ion Ratio Lower Upper
 53 100
 52 17.4 65.4 98.0#
 51 62.9 28.9 43.3#





#16

Acetone

Concen: 8.300 ug/l

RT: 4.448 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

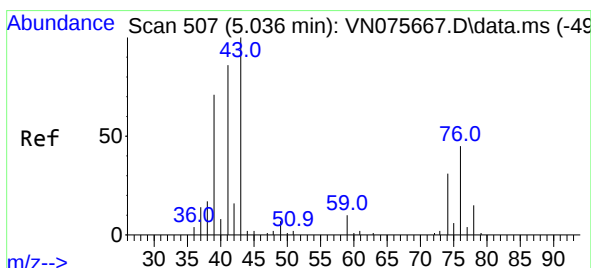
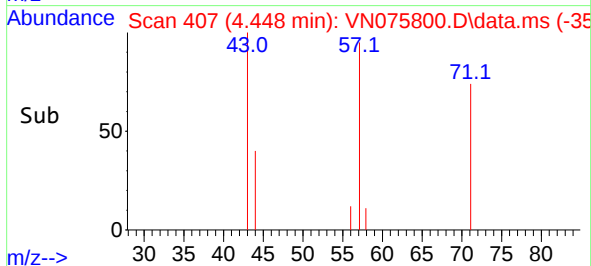
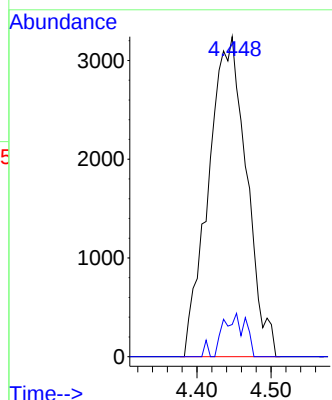
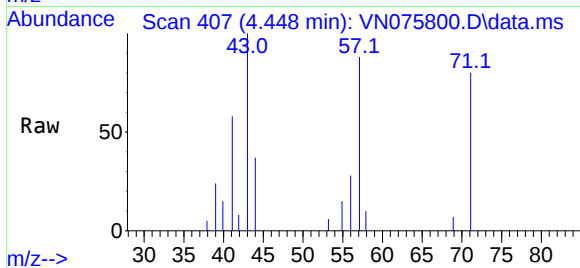
MW-43

Tgt Ion: 43 Resp: 11566

Ion Ratio Lower Upper

43 100

58 10.1 28.6 43.0#



#18

Methyl Acetate

Concen: 1.174 ug/l

RT: 5.130 min Scan# 523

Delta R.T. 0.094 min

Lab File: VN075800.D

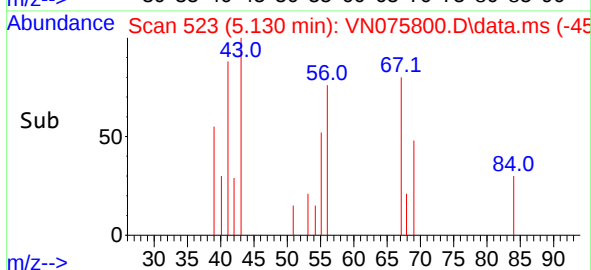
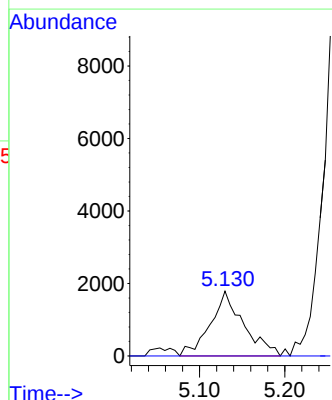
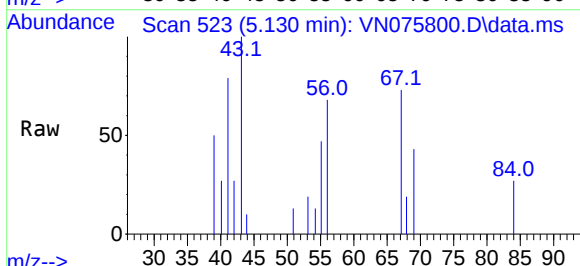
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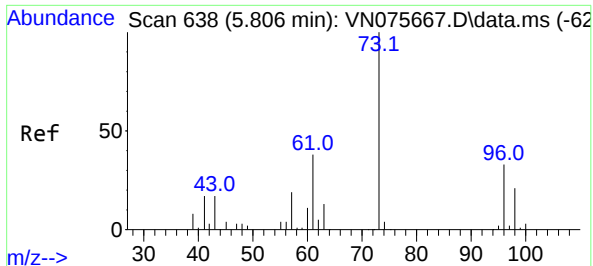
Tgt Ion: 43 Resp: 4835

Ion Ratio Lower Upper

43 100

74 0.0 23.6 35.4#

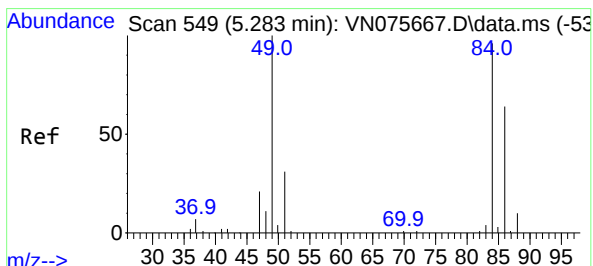
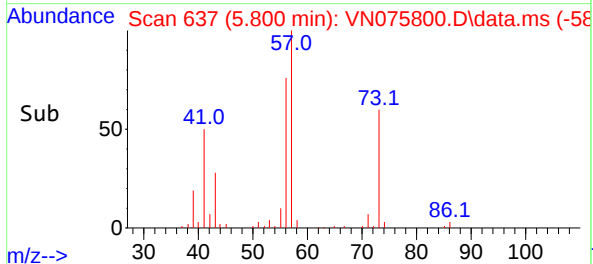
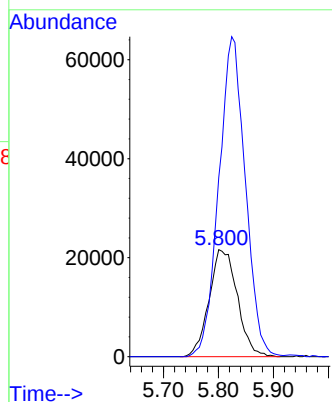
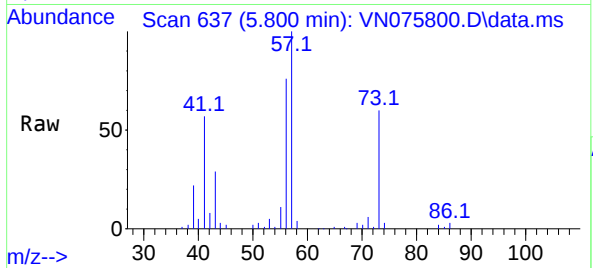




#19
Methyl tert-butyl Ether
Concen: 7.115 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

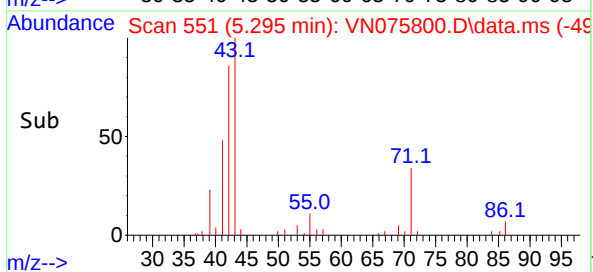
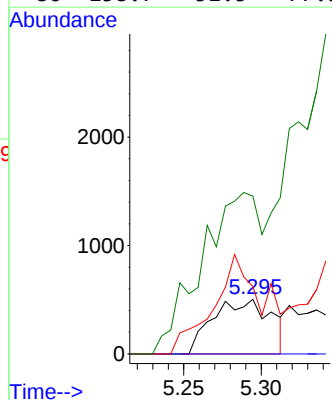
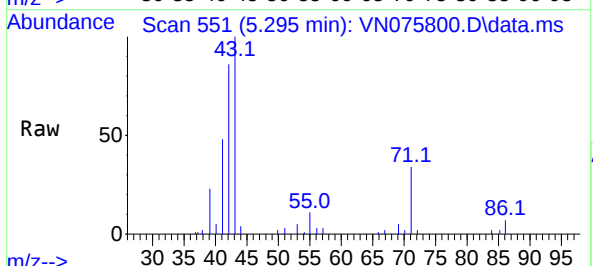
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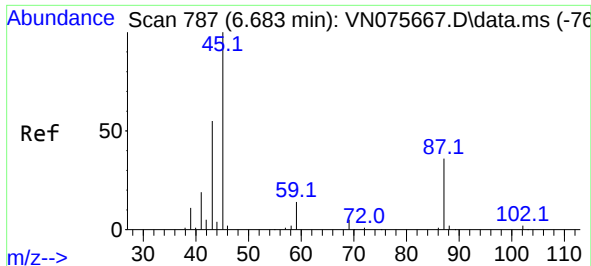
Tgt Ion: 73 Resp: 77159
Ion Ratio Lower Upper
73 100
57 167.3 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 84 Resp: 1312
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 85.1 26.7 40.1#
86 158.7 51.5 77.3#

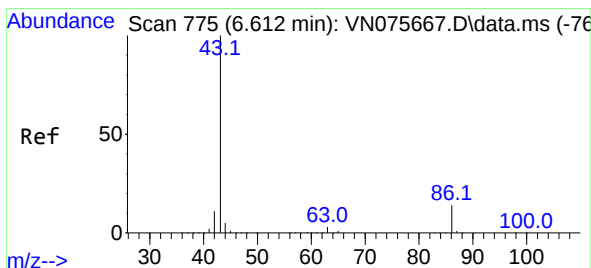
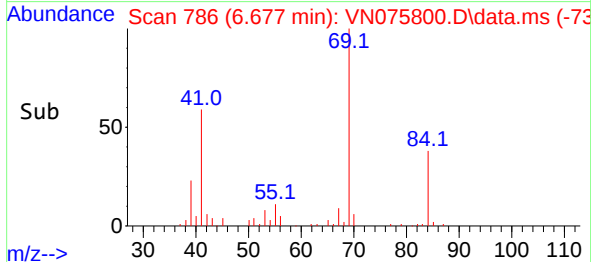
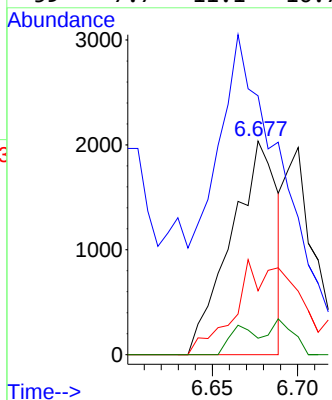
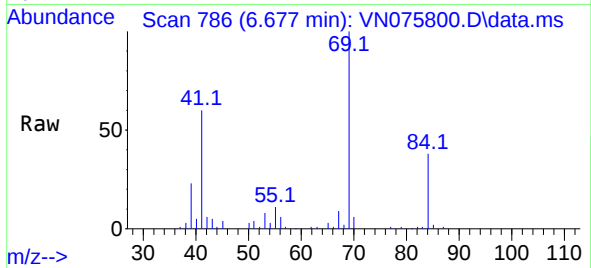




#22
Diisopropyl ether
Concen: 0.408 ug/l
RT: 6.677 min Scan# 718
Delta R.T. -0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

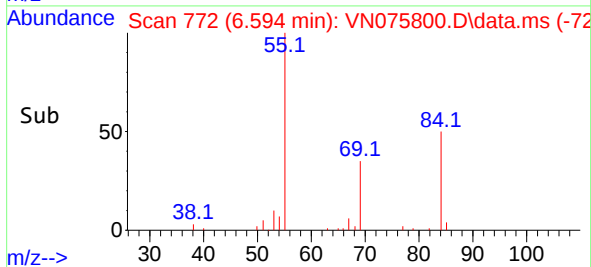
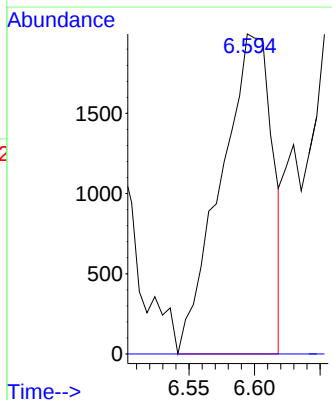
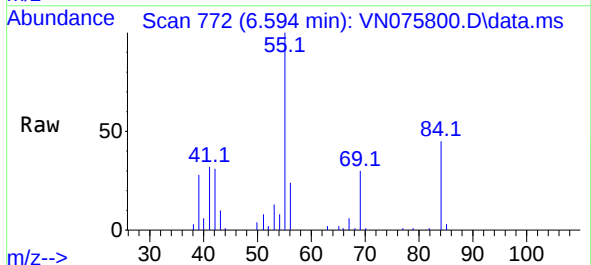
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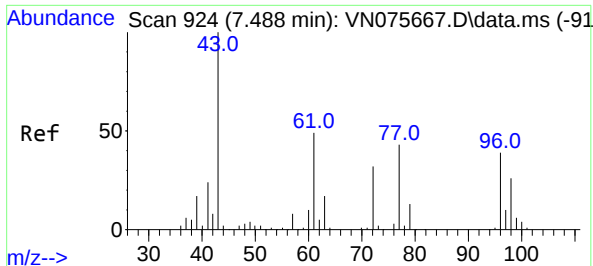
Tgt Ion: 45 Resp: 3816
Ion Ratio Lower Upper
45 100
43 57.1 44.2 66.4
87 29.9 28.3 42.5
59 7.7 11.1 16.7#



#23
Vinyl Acetate
Concen: 0.865 ug/l
RT: 6.594 min Scan# 772
Delta R.T. -0.018 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 43 Resp: 5445
Ion Ratio Lower Upper
43 100
86 0.0 11.4 17.2#





#25

2-Butanone

Concen: 2.337 ug/l

RT: 7.500 min Scan# 901

Delta R.T. 0.012 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

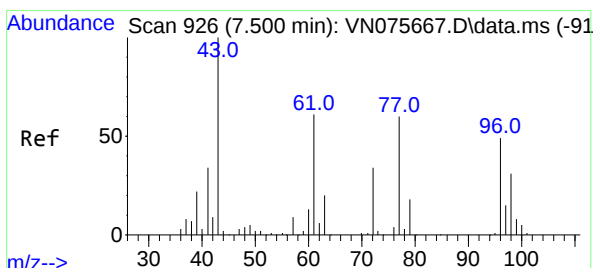
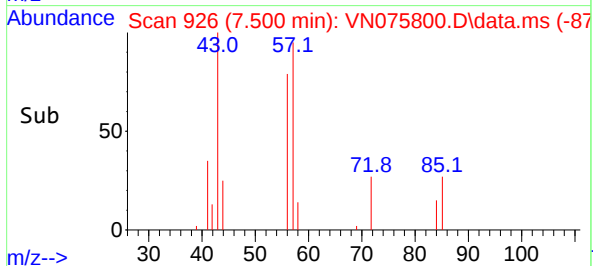
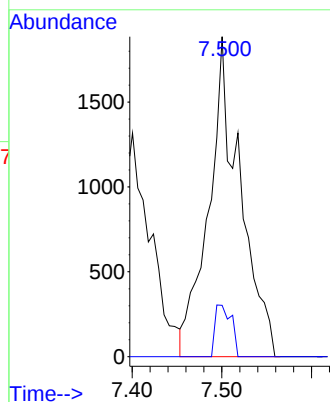
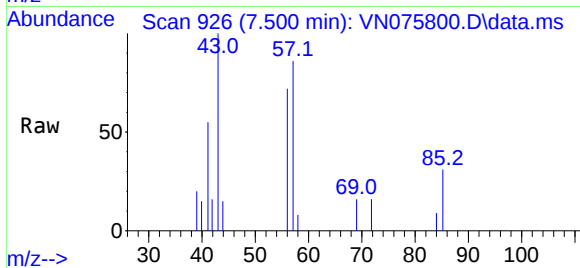
MW-43

Tgt Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

72 16.0 28.0 42.0#



#26

2,2-Dichloropropane

Concen: 1.002 ug/l

RT: 7.353 min Scan# 901

Delta R.T. -0.141 min

Lab File: VN075800.D

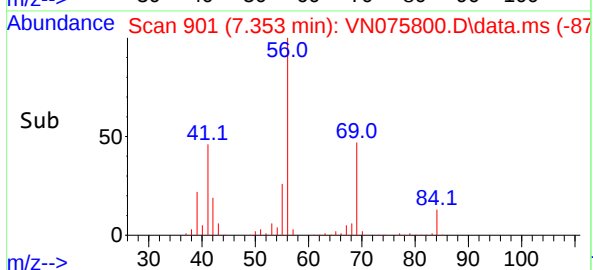
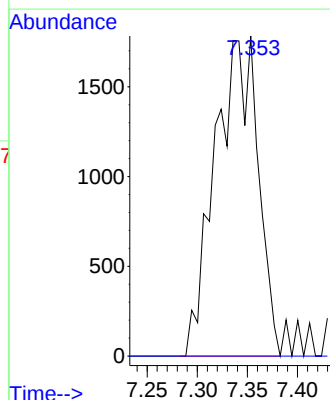
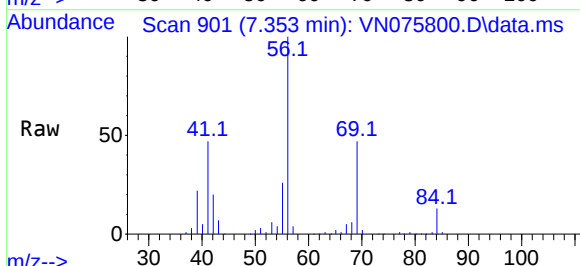
Acq: 15 Dec 2022 05:15

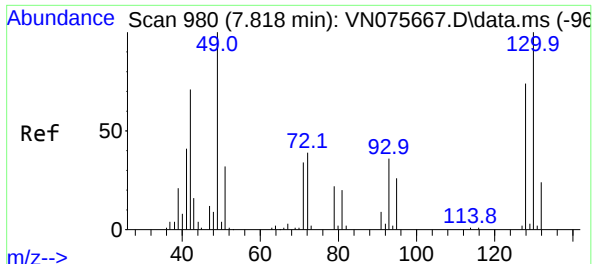
Tgt Ion: 77 Resp: 5291

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#

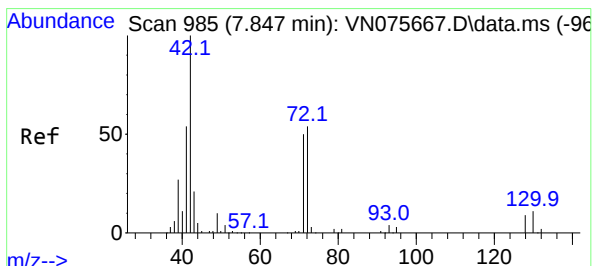
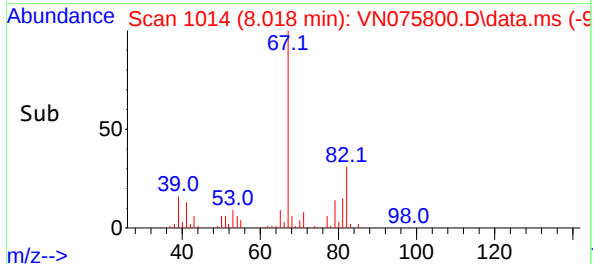
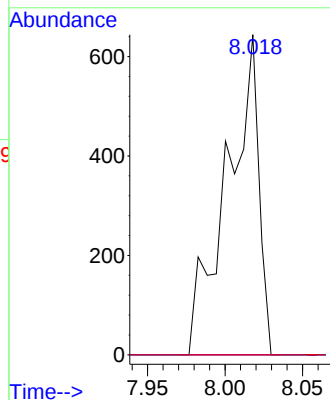
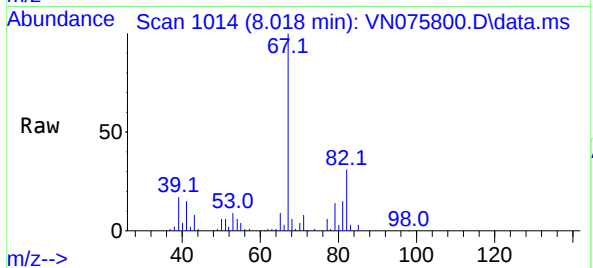




#28
Bromochloromethane
Concen: 0.335 ug/l
RT: 8.018 min Scan# 1014
Delta R.T. 0.194 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

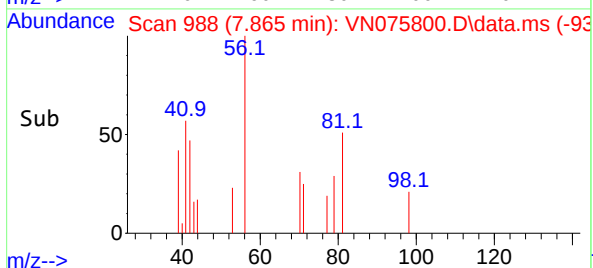
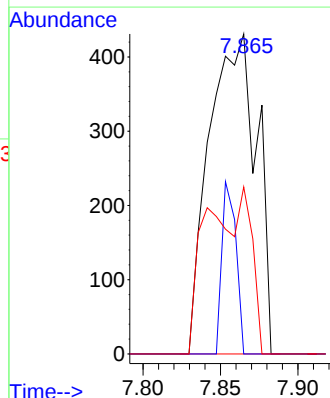
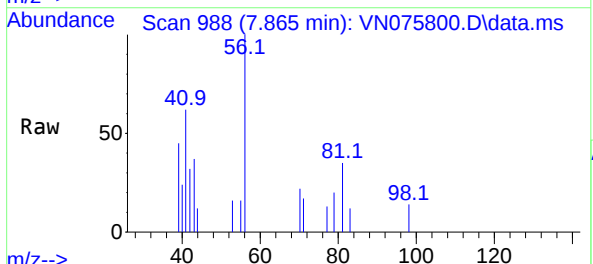
Instrument :
MSVOA_N
ClientSampleId :
MW-43

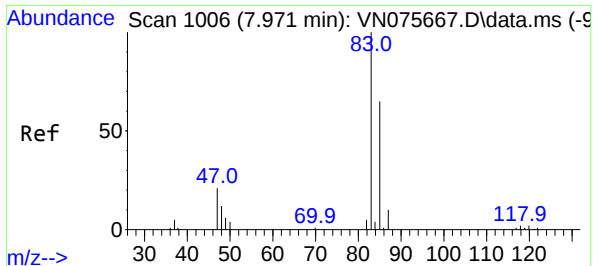
Tgt Ion: 49 Resp: 917
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 0.0 77.0 115.4#



#29
Tetrahydrofuran
Concen: 0.750 ug/l
RT: 7.865 min Scan# 988
Delta R.T. 0.024 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 42 Resp: 917
Ion Ratio Lower Upper
42 100
72 15.9 44.5 66.7#
71 0.0 41.0 61.6#





#30

Chloroform

Concen: 2.091 ug/l

RT: 7.947 min Scan# 1002

Delta R.T. -0.023 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

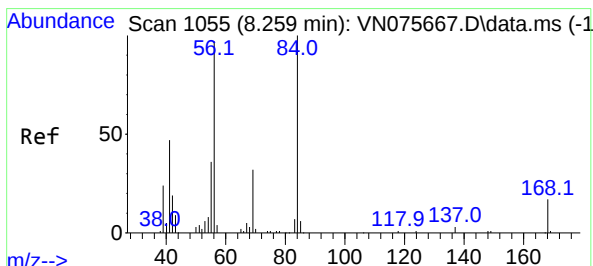
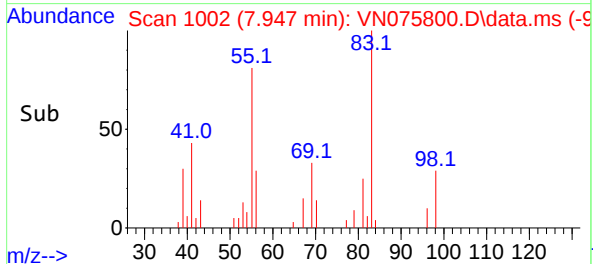
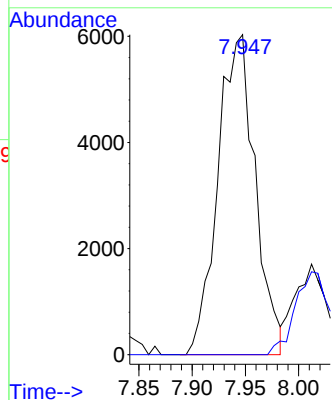
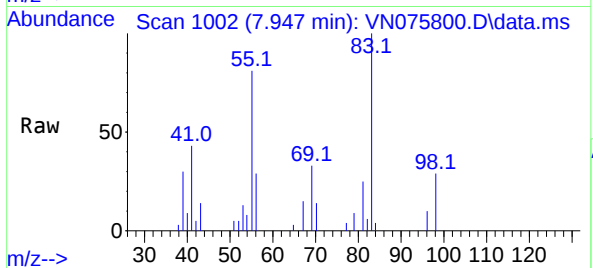
MW-43

Tgt Ion: 83 Resp: 14687

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#



#31

Cyclohexane

Concen: 39.540 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

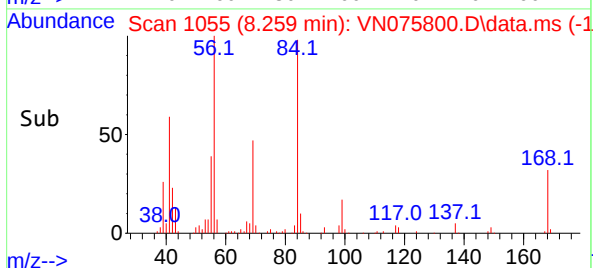
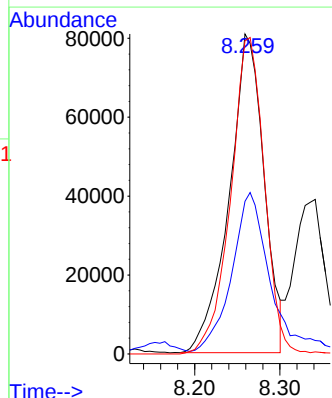
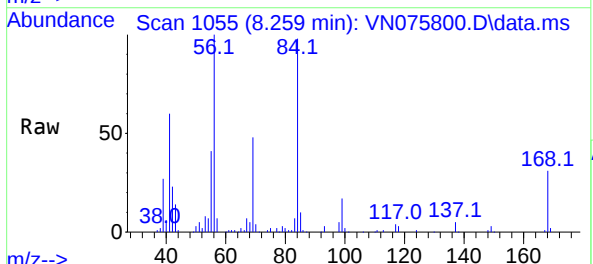
Tgt Ion: 56 Resp: 228915

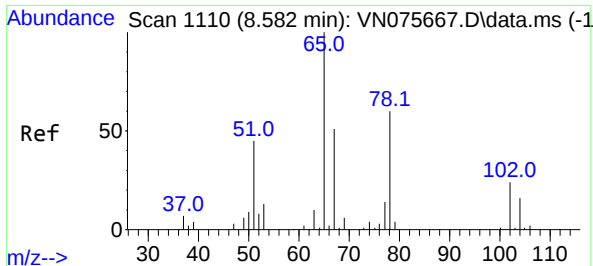
Ion Ratio Lower Upper

56 100

69 46.2 24.7 37.1#

84 98.2 76.5 114.7

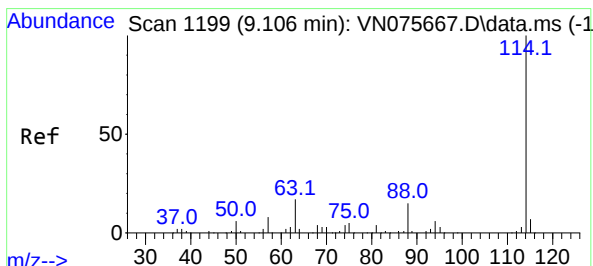
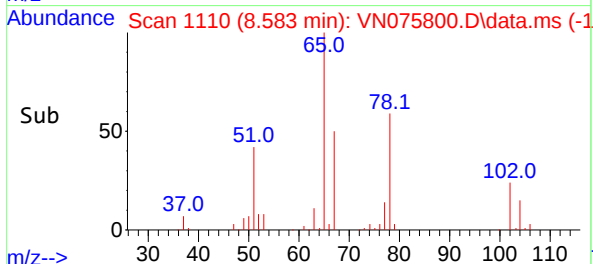
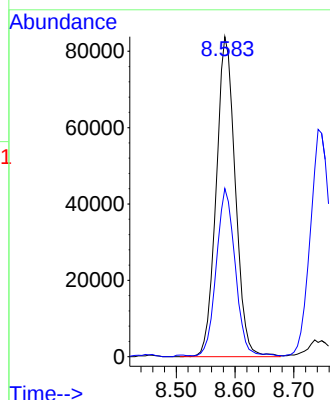
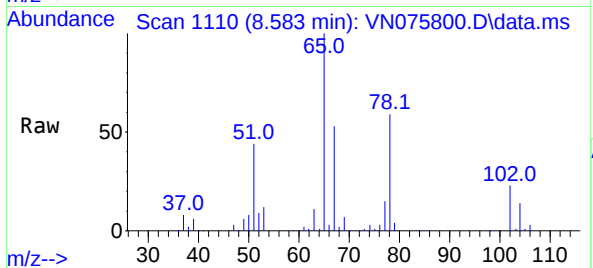




#33
1,2-Dichloroethane-d4
Concen: 46.774 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

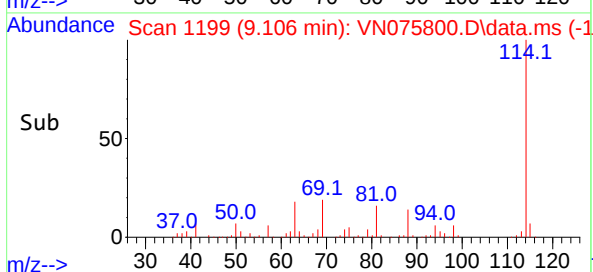
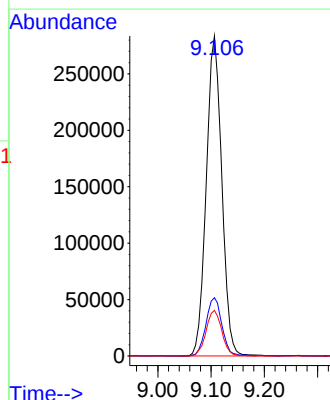
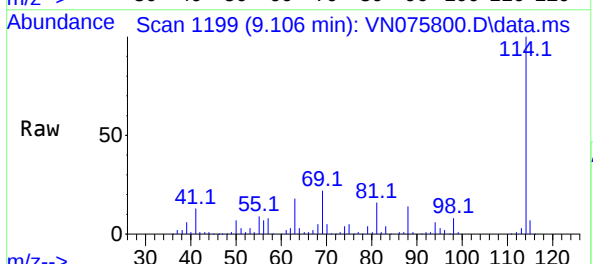
Instrument :
MSVOA_N
ClientSampleId :
MW-43

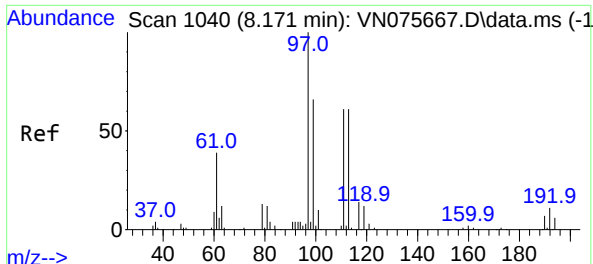
Tgt Ion: 65 Resp: 189082
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 114 Resp: 574993
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.4
88 14.3 0.0 28.8

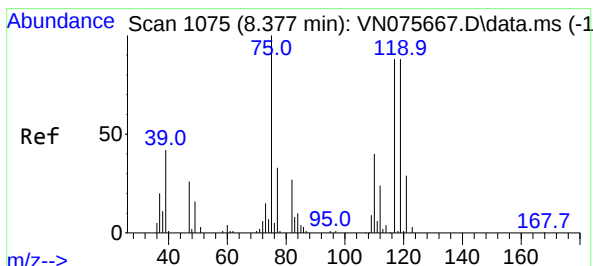
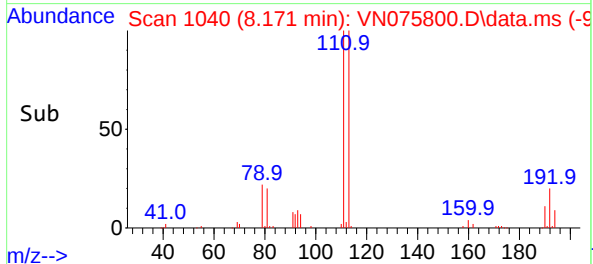
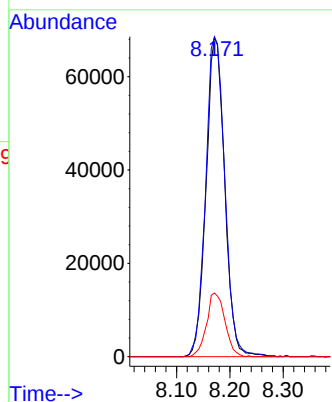
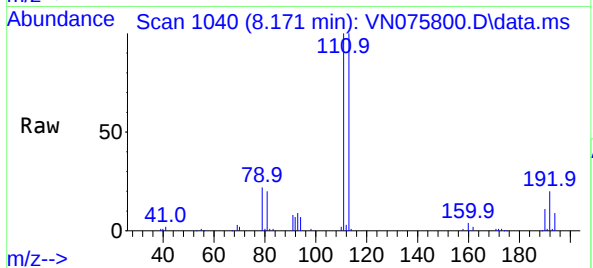




#35
Dibromofluoromethane
Concen: 46.577 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

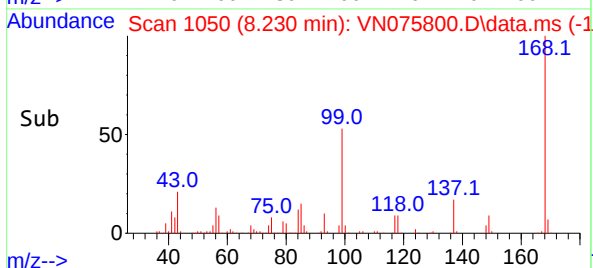
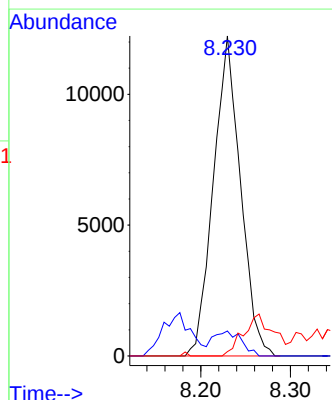
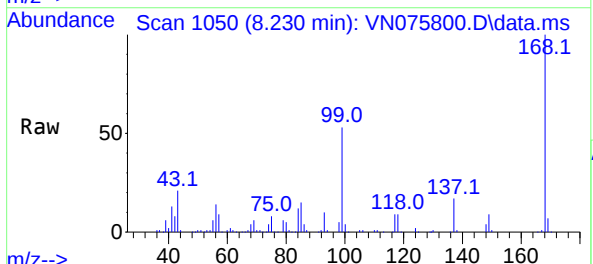
Instrument :
MSVOA_N
ClientSampleId :
MW-43

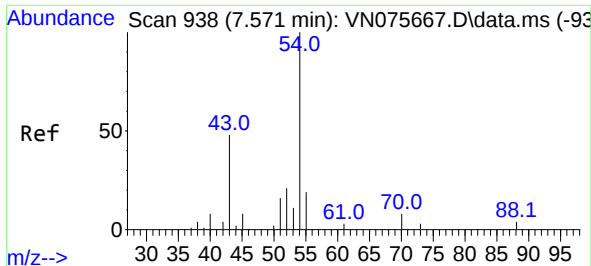
Tgt Ion:113 Resp: 165854
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 75 Resp: 25587
Ion Ratio Lower Upper
75 100
110 8.0 18.8 56.4#
77 0.0 24.1 36.1#





#37

Ethyl Acetate

Concen: 1.200 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.065 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

MW-43

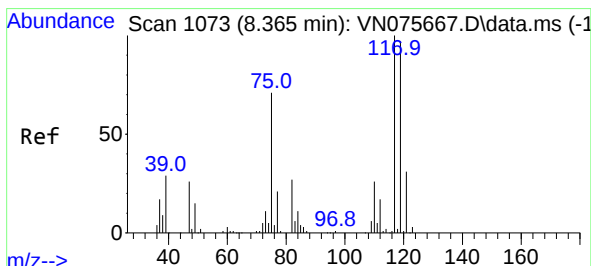
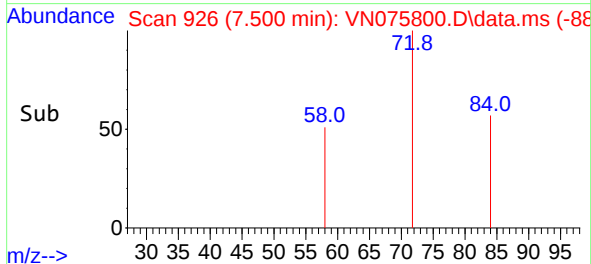
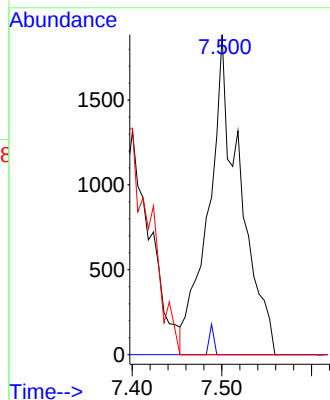
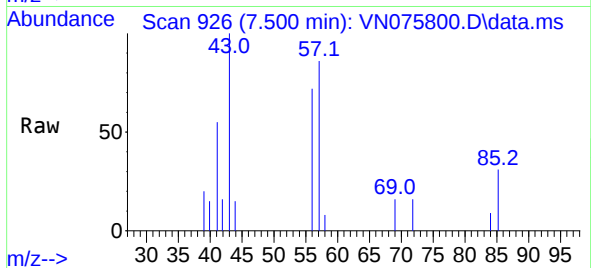
Tgt Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

61 1.4 13.0 19.4#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 6.623 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

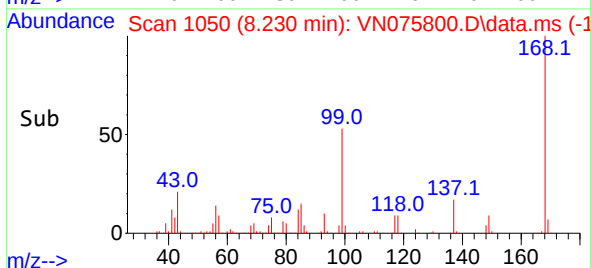
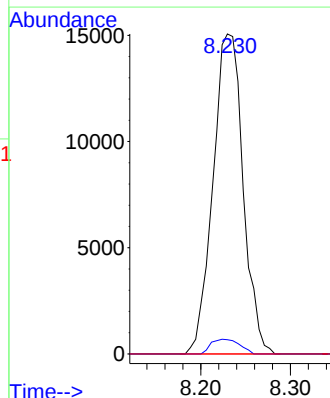
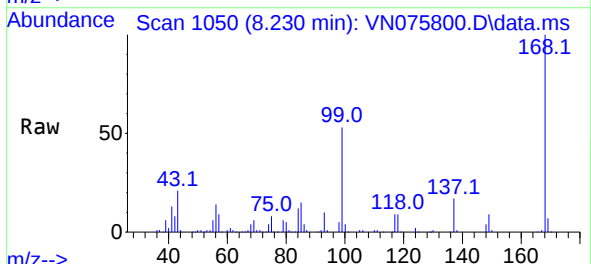
Tgt Ion: 117 Resp: 35064

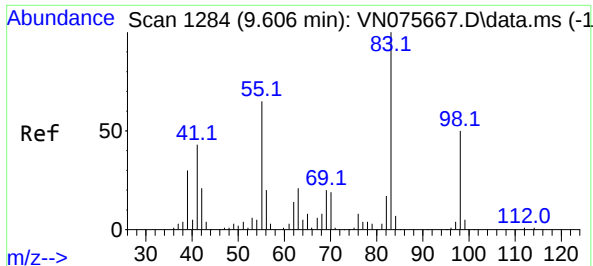
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.5 36.7#

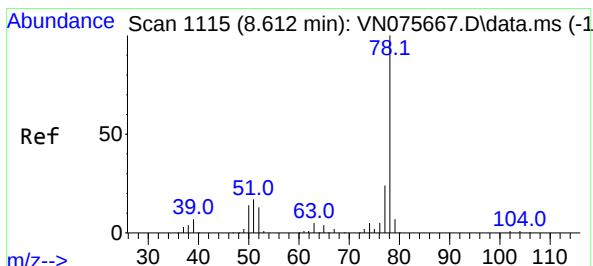
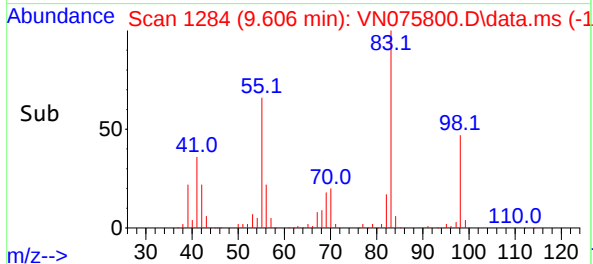
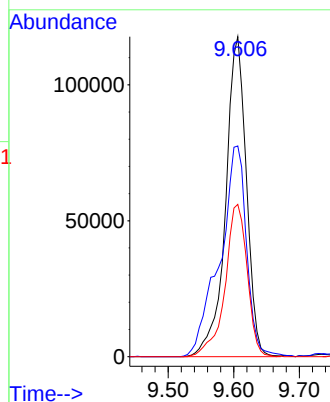
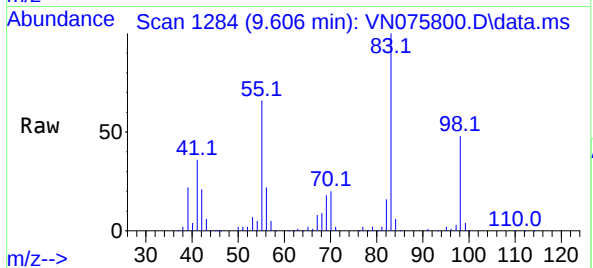




#39
Methylcyclohexane
Concen: 45.413 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

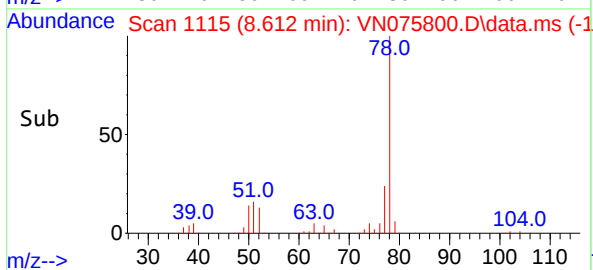
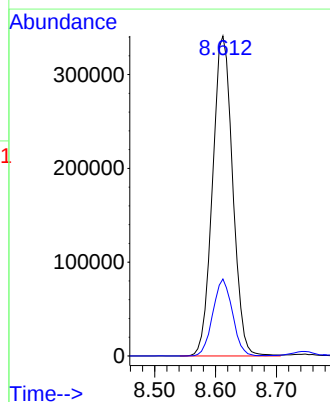
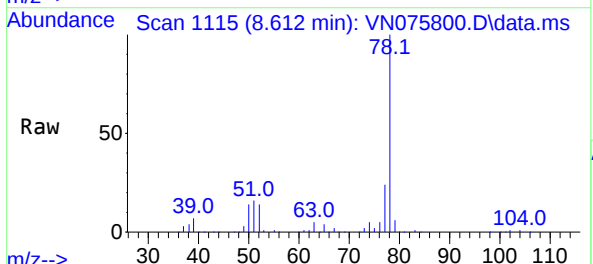
Instrument :
MSVOA_N
ClientSampleId :
MW-43

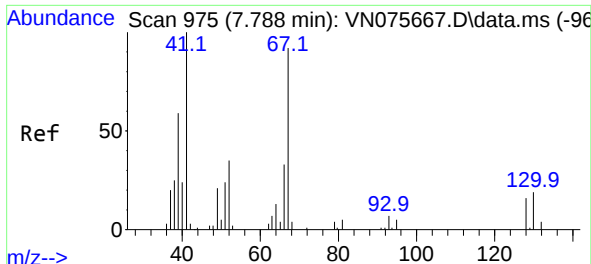
Tgt Ion: 83 Resp: 259156
Ion Ratio Lower Upper
83 100
55 65.9 51.4 77.0
98 47.6 39.8 59.8



#40
Benzene
Concen: 53.592 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 78 Resp: 782141
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7



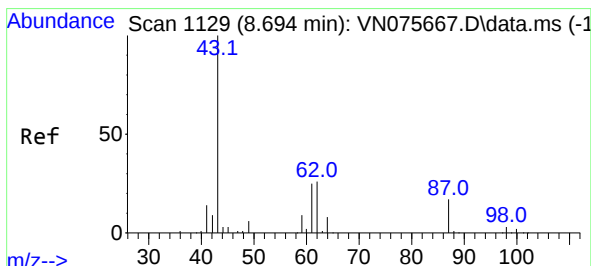
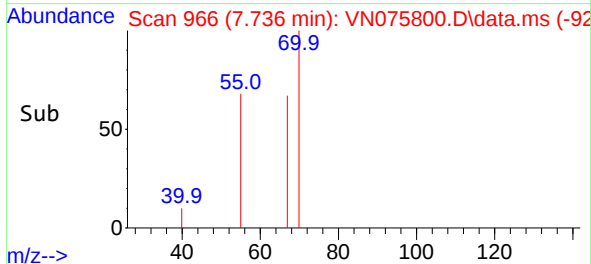
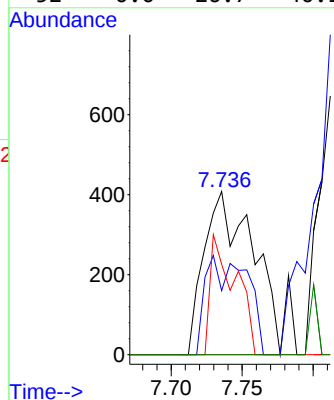
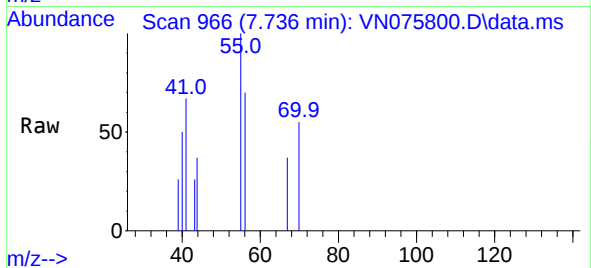


#41
Methacrylonitrile
Concen: 0.497 ug/l
RT: 7.736 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 41 Resp: 981

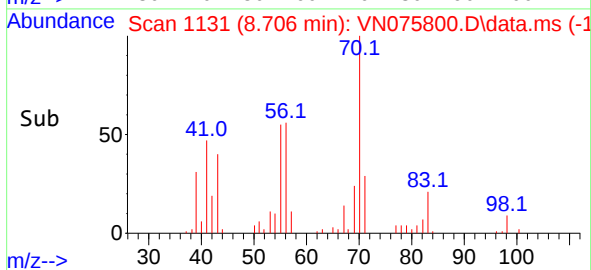
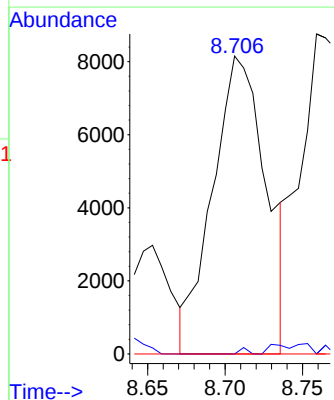
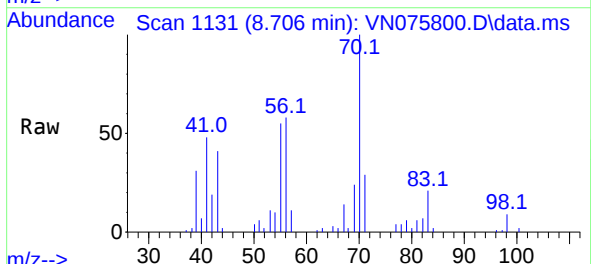
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.1	64.7#
67	0.0	70.7	106.1#
52	0.0	26.7	40.1#

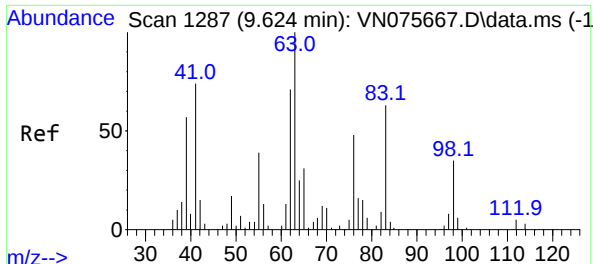


#43
Isopropyl Acetate
Concen: 3.118 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 43 Resp: 19541

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.2	36.4#
87	0.0	13.3	19.9#

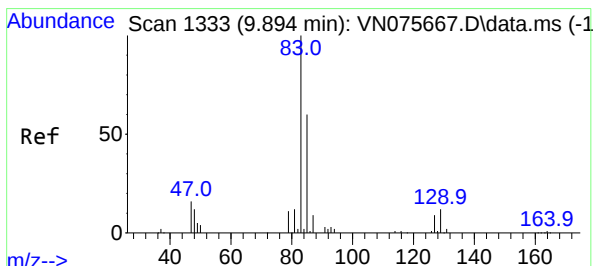
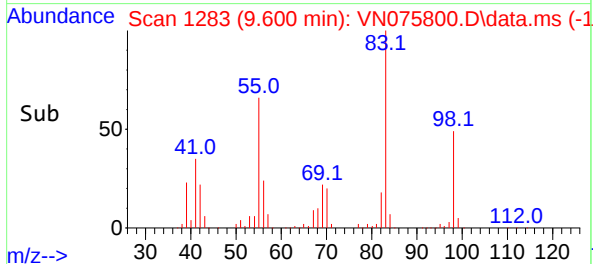
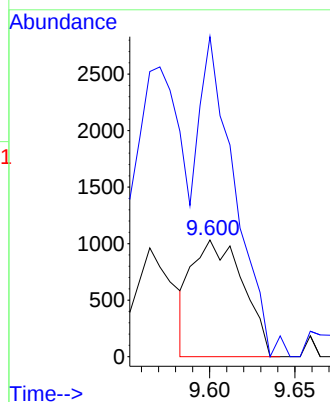
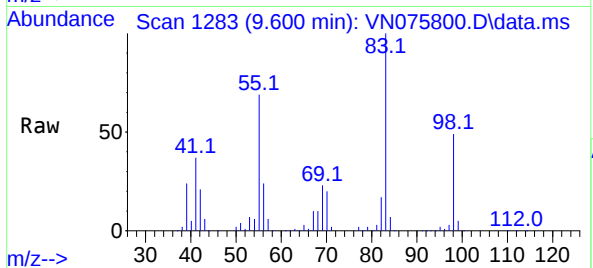




#45
1,2-Dichloropropane
Concen: 0.604 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

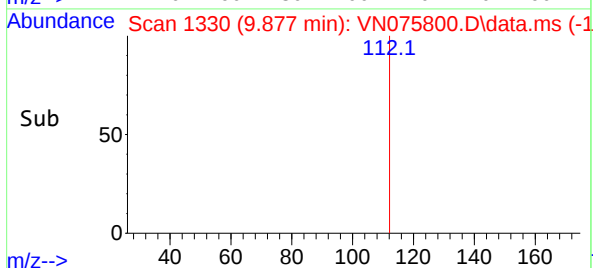
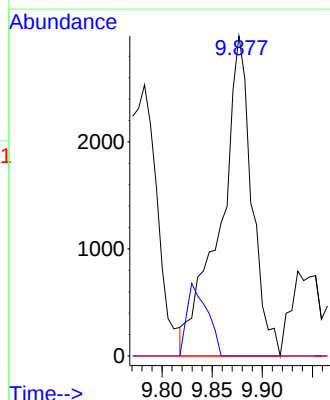
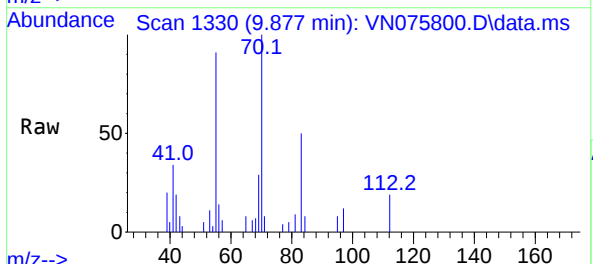
Instrument :
MSVOA_N
ClientSampleId :
MW-43

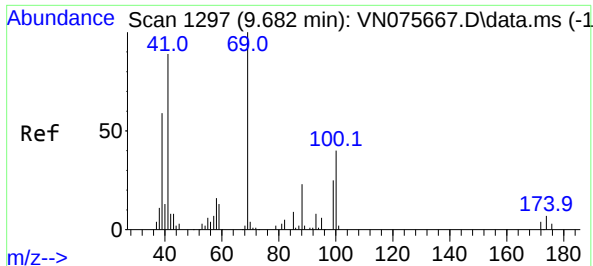
Tgt Ion: 63 Resp: 2146
Ion Ratio Lower Upper
63 100
65 256.5 25.7 38.5#



#47
Bromodichloromethane
Concen: 1.263 ug/l
RT: 9.877 min Scan# 1330
Delta R.T. -0.012 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 83 Resp: 6522
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 50.567 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.076 min

Lab File: VN075800.D

Acq: 15 Dec 2022 05:15

Instrument :

MSVOA_N

ClientSampleId :

MW-43

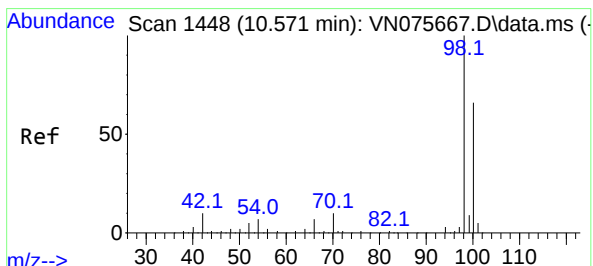
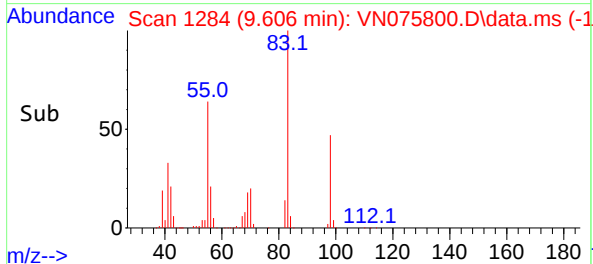
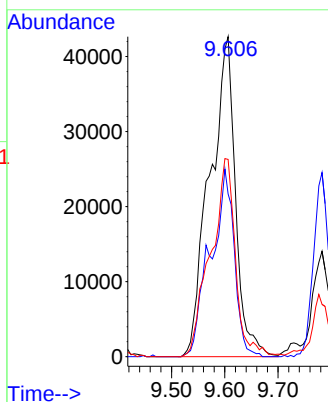
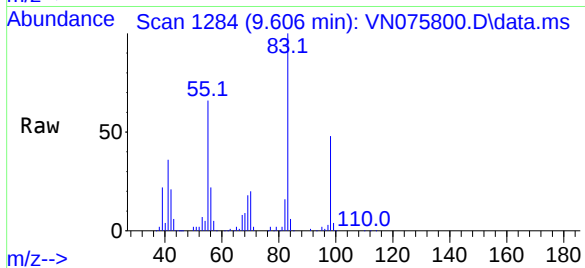
Tgt Ion: 41 Resp: 142745

Ion Ratio Lower Upper

41 100

69 54.2 81.9 122.9#

39 60.1 51.6 77.4



#50

Toluene-d8

Concen: 50.822 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075800.D

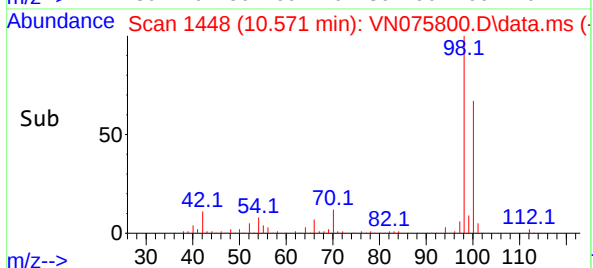
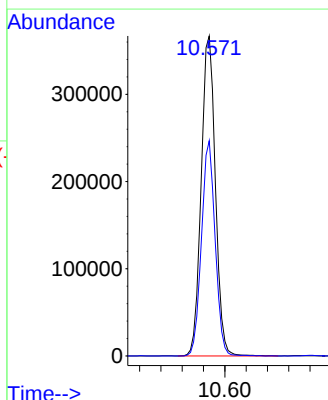
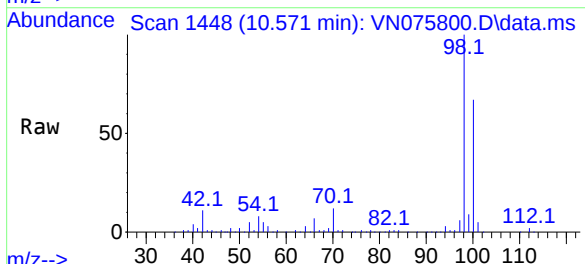
Acq: 15 Dec 2022 05:15

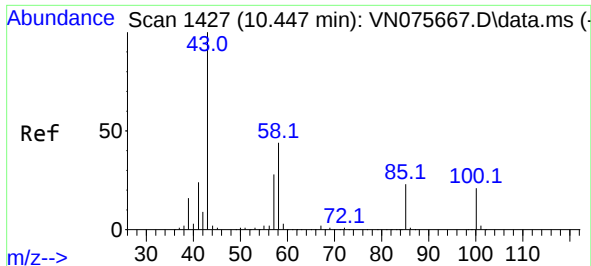
Tgt Ion: 98 Resp: 676630

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

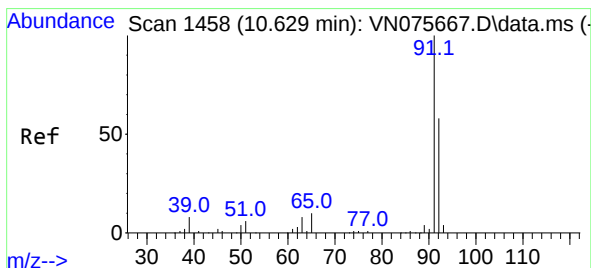
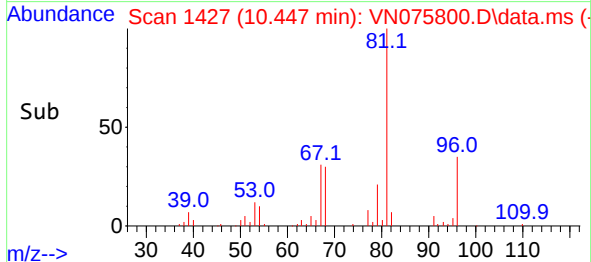
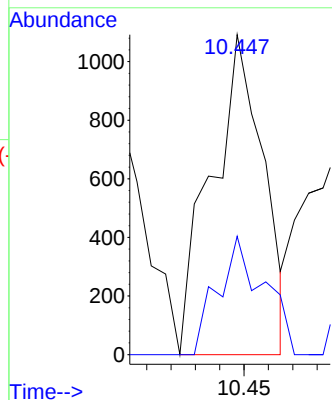
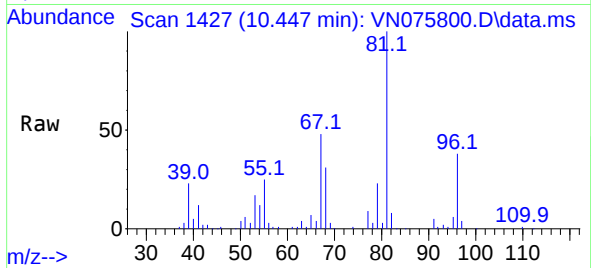




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

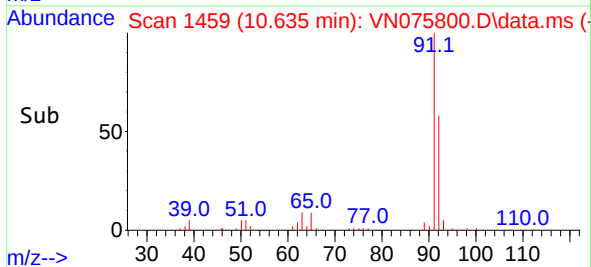
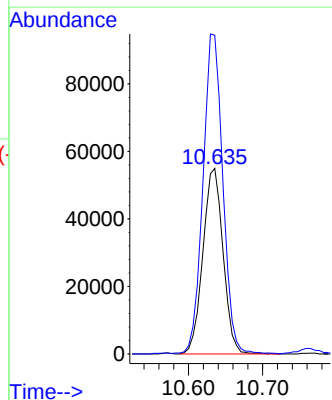
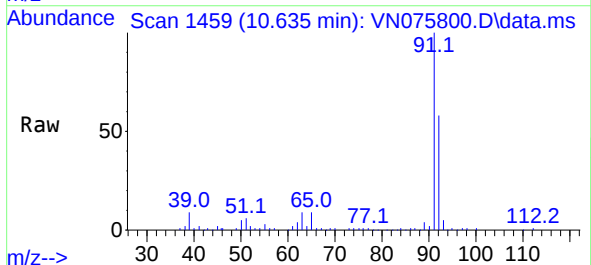
Instrument :
MSVOA_N
ClientSampleId :
MW-43

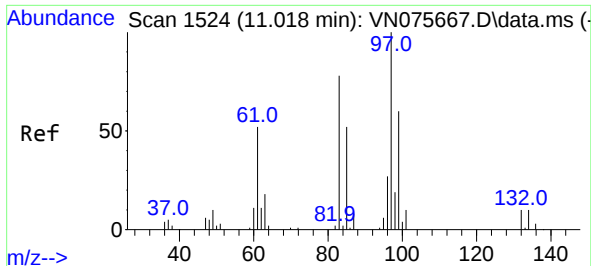
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 32.8 35.5 53.3#



#52
Toluene
Concen: 10.924 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 92 Resp: 103828
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9

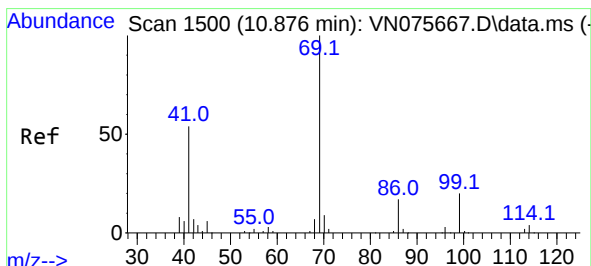
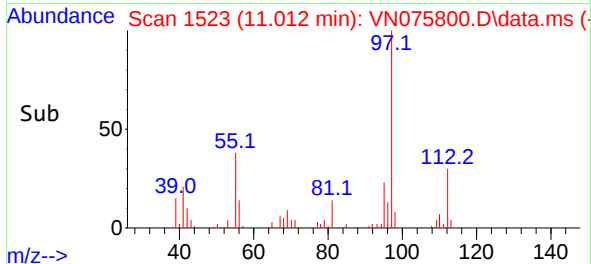
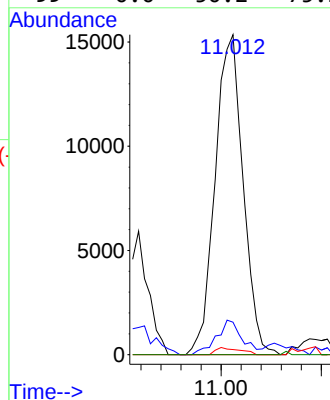
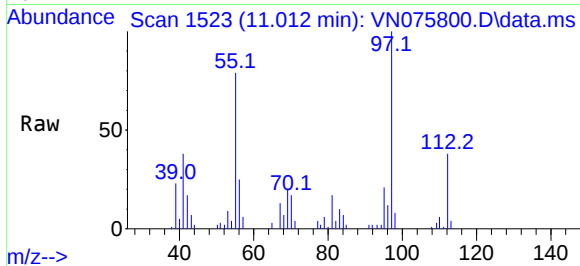




#55
1,1,2-Trichloroethane
Concen: 7.957 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

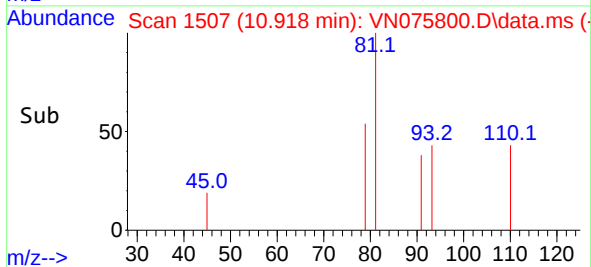
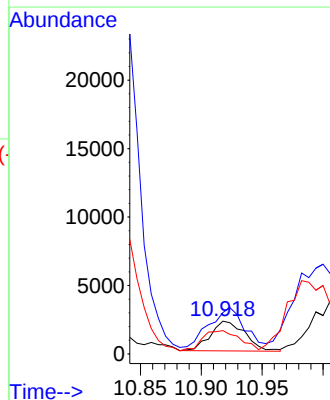
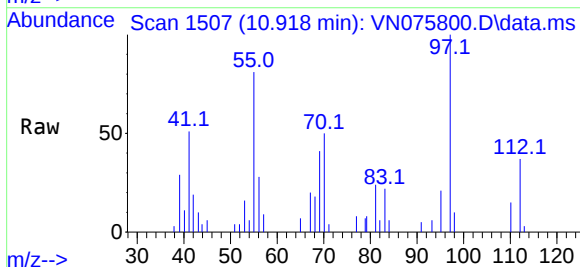
Instrument :
MSVOA_N
ClientSampleId :
MW-43

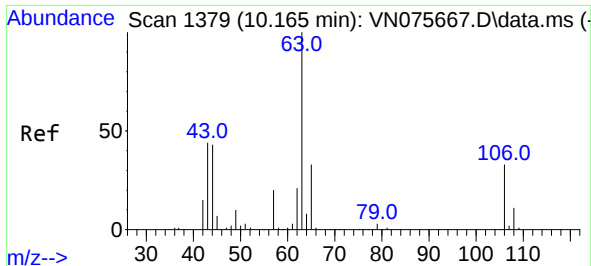
Tgt Ion: 97	Resp: 29685
Ion Ratio	Lower Upper
97 100	
83 10.2	65.0 97.4#
85 1.6	43.0 64.6#
99 0.0	50.2 75.2#



#56
Ethyl methacrylate
Concen: 0.870 ug/l
RT: 10.918 min Scan# 1507
Delta R.T. 0.041 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 69	Resp: 4312
Ion Ratio	Lower Upper
69 100	
41 132.9	44.2 66.4#
39 73.9	26.4 39.6#

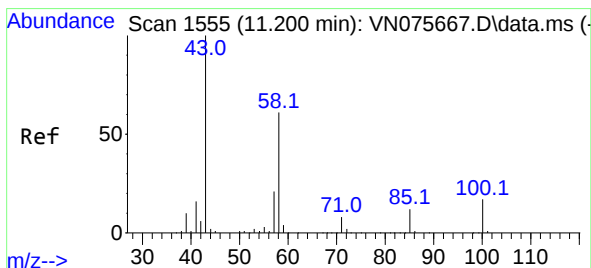
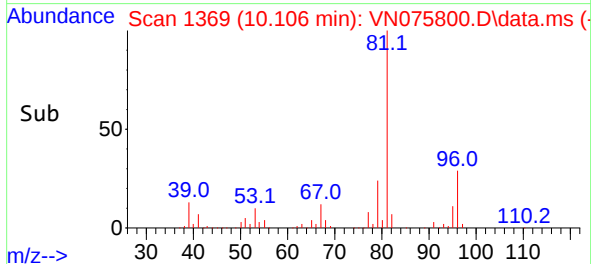
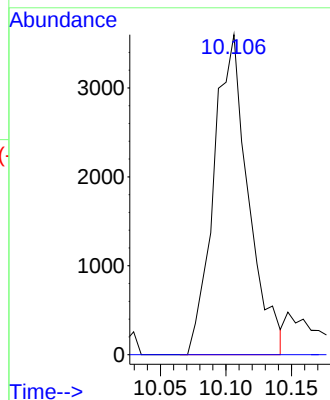
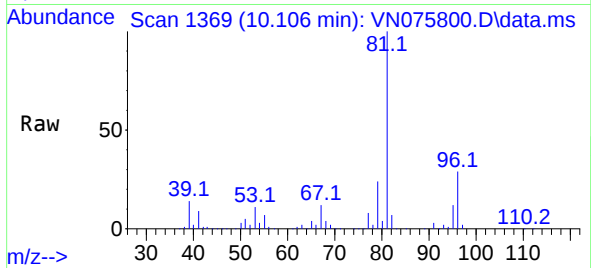




#58
2-Chloroethyl Vinyl ether
Concen: 4.183 ug/l
RT: 10.106 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

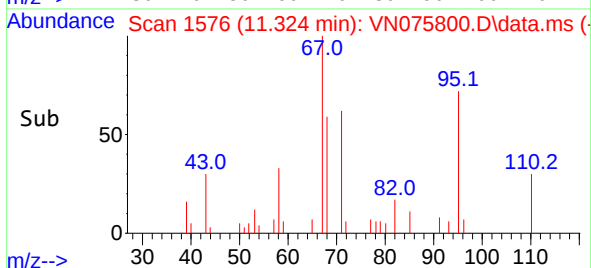
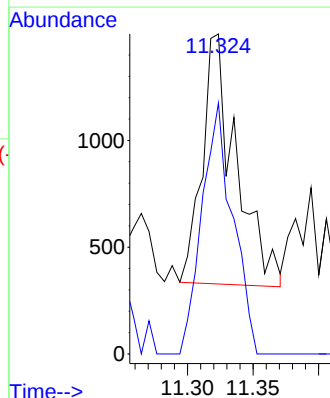
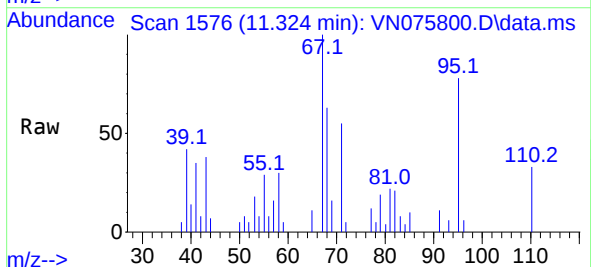
Instrument :
MSVOA_N
ClientSampleId :
MW-43

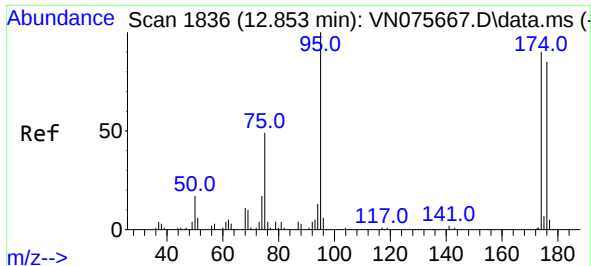
Tgt Ion: 63 Resp: 6599
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#59
2-Hexanone
Concen: 0.758 ug/l
RT: 11.324 min Scan# 1576
Delta R.T. 0.124 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 91.6 30.6 92.0

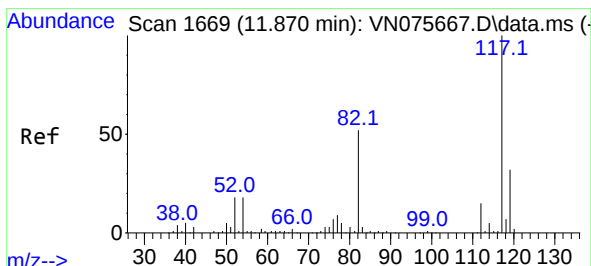
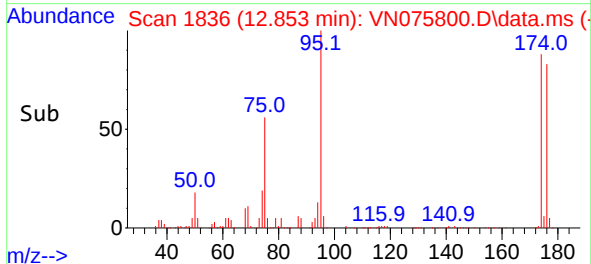
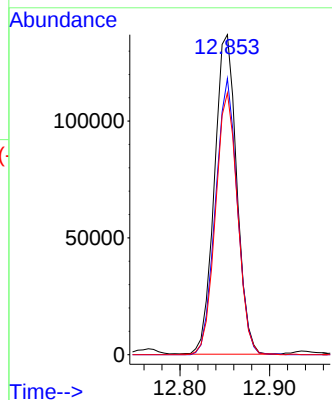
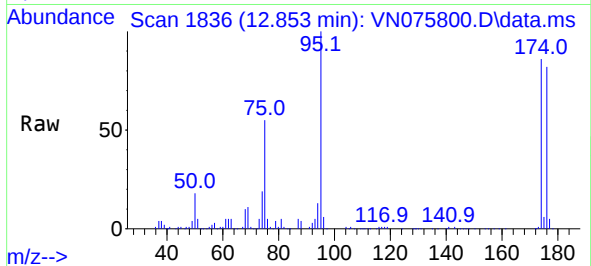




#62
4-Bromofluorobenzene
Concen: 53.561 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

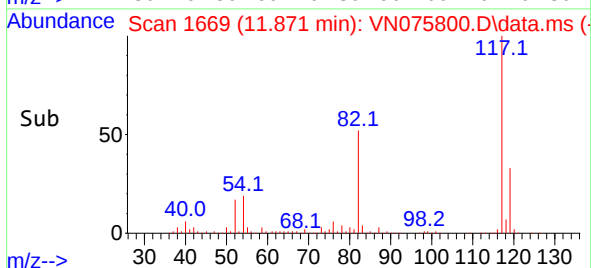
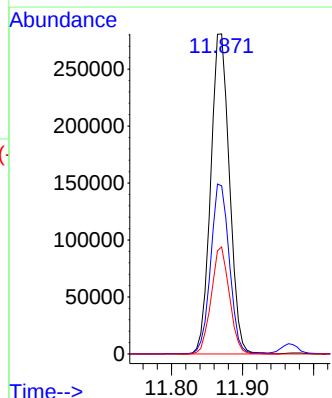
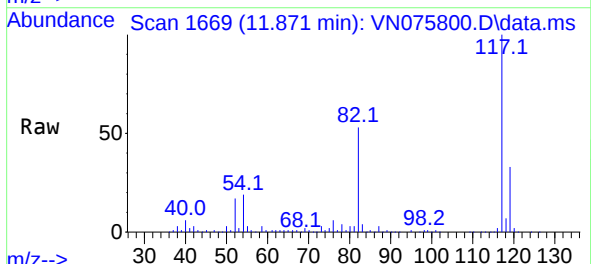
Instrument :
MSVOA_N
ClientSampleId :
MW-43

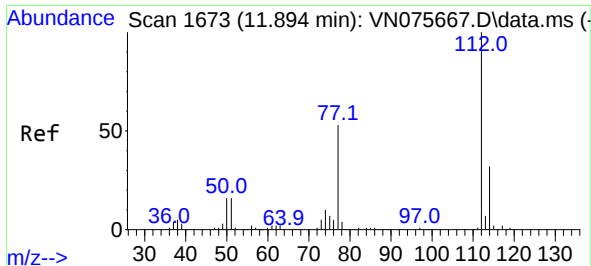
Tgt Ion: 95 Resp: 236185
Ion Ratio Lower Upper
95 100
174 84.1 0.0 171.6
176 80.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 117 Resp: 514629
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 33.5 24.6 37.0

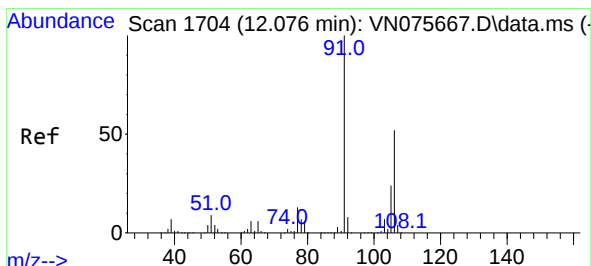
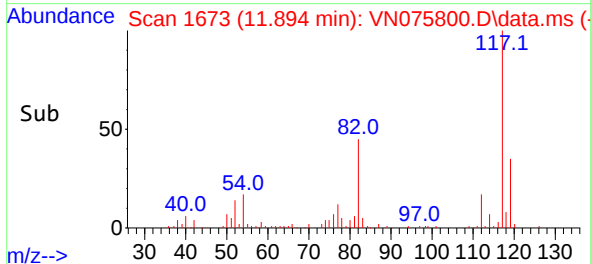
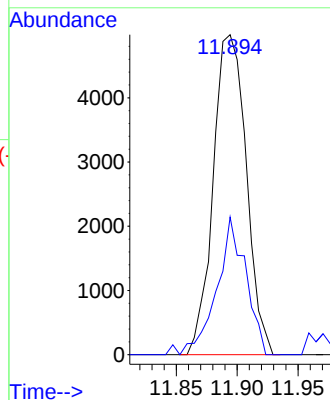
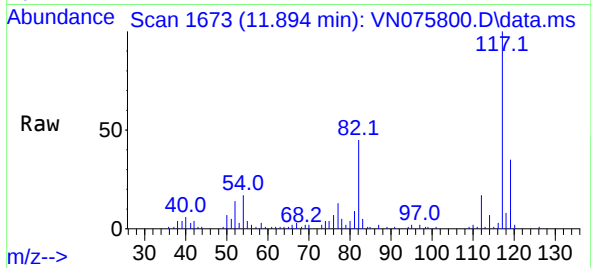




#65
Chlorobenzene
Concen: 0.892 ug/l
RT: 11.894 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

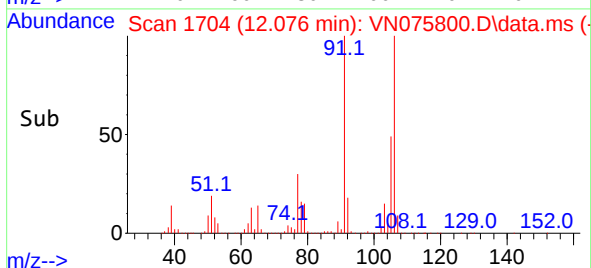
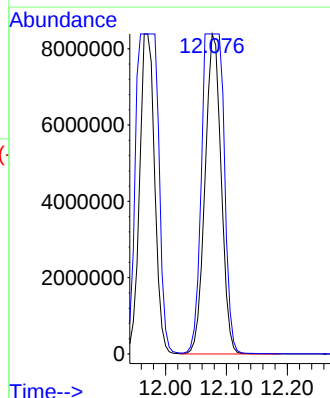
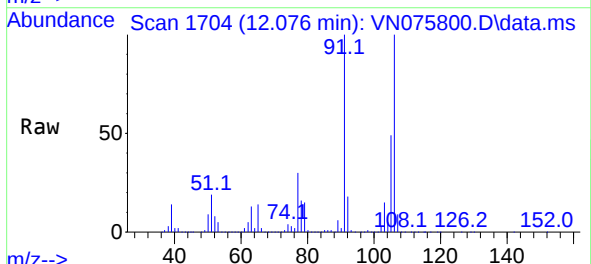
Instrument :
MSVOA_N
ClientSampleId :
MW-43

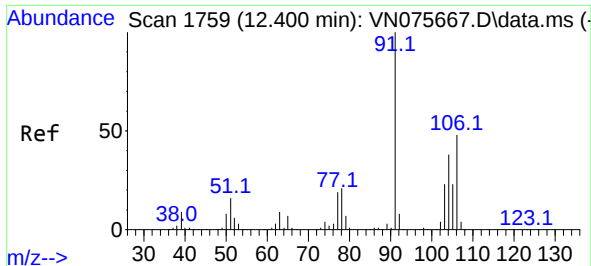
Tgt Ion:112 Resp: 9422
Ion Ratio Lower Upper
112 100
114 43.0 24.7 37.1#



#68
m/p-Xylenes
Concen: 2180.154 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:106 Resp:15383020
Ion Ratio Lower Upper
106 100
91 0.0 156.6 235.0#

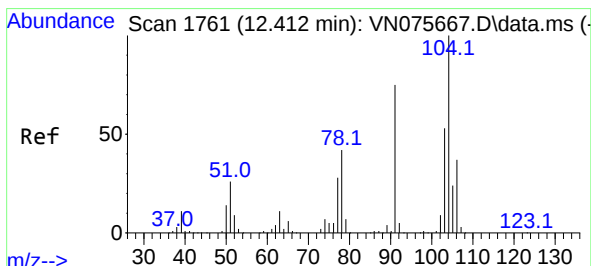
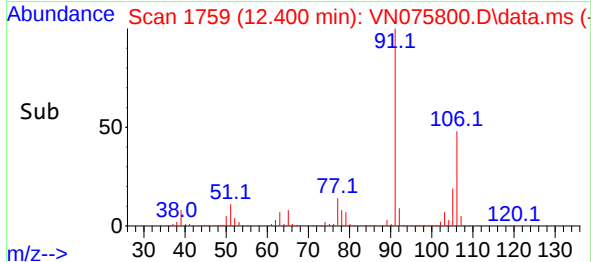
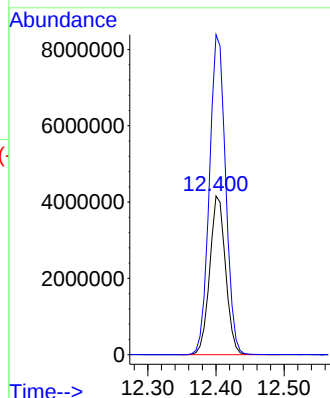
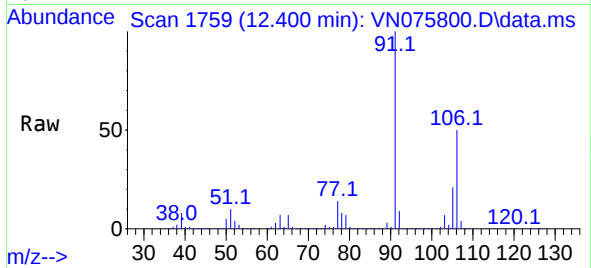




#69
o-Xylene
Concen: 962.658 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

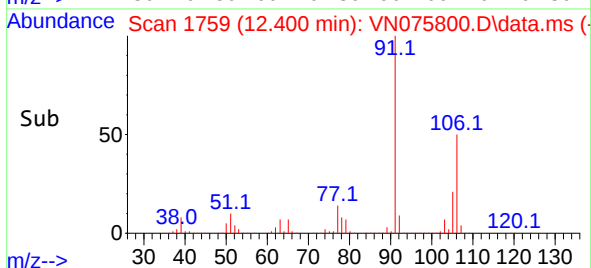
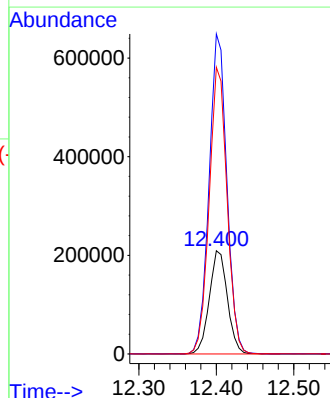
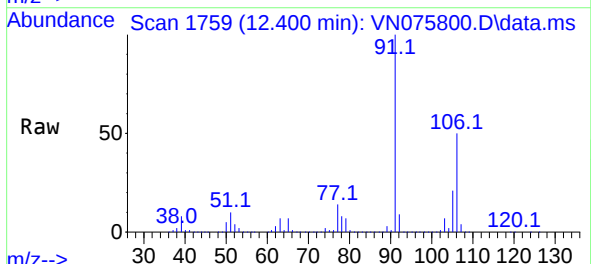
Instrument :
MSVOA_N
ClientSampleId :
MW-43

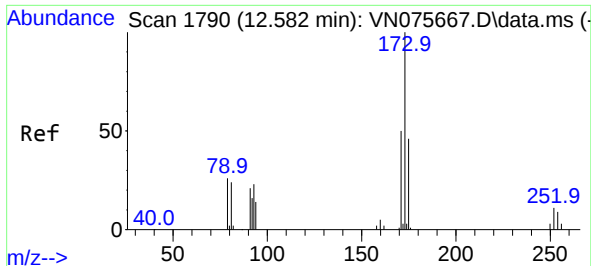
Tgt Ion:106 Resp: 6721859
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.6



#70
Styrene
Concen: 30.625 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:104 Resp: 340011
Ion Ratio Lower Upper
104 100
78 303.7 37.5 56.3#
103 274.5 43.5 65.3#

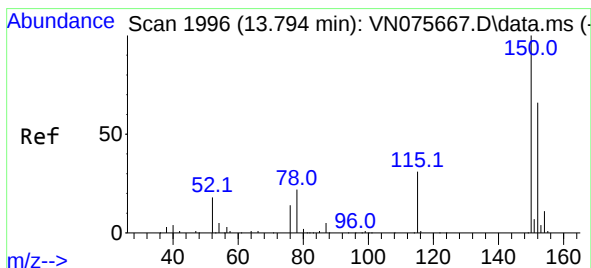
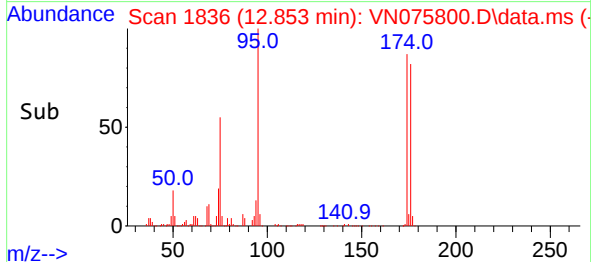
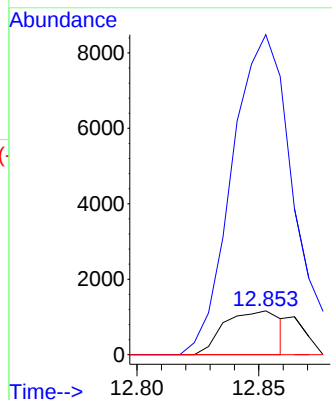
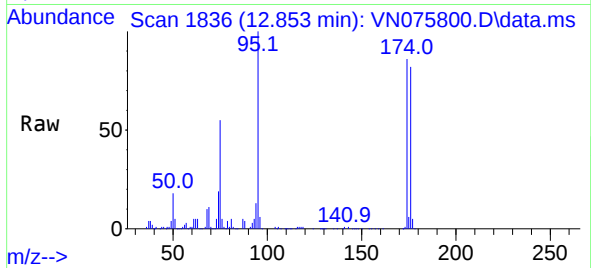




#71
Bromoform
Concen: 0.655 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

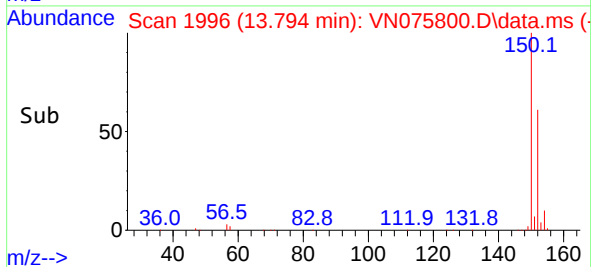
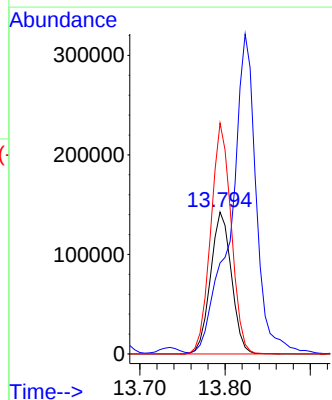
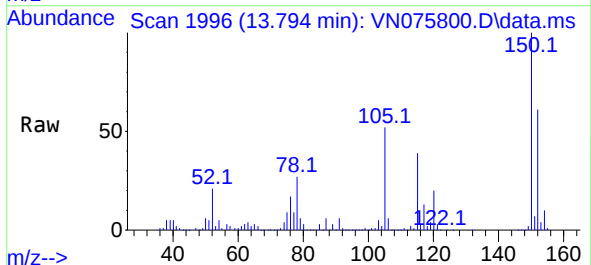
Instrument :
MSVOA_N
ClientSampleId :
MW-43

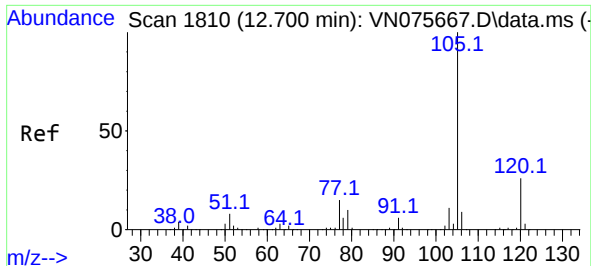
Tgt Ion:173 Resp: 1866
Ion Ratio Lower Upper
173 100
175 648.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:152 Resp: 243134
Ion Ratio Lower Upper
152 100
115 0.0 29.1 87.4#
150 159.0 0.0 347.0

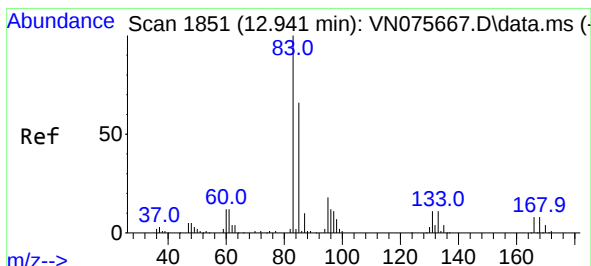
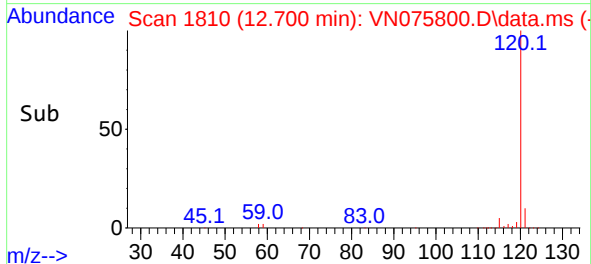
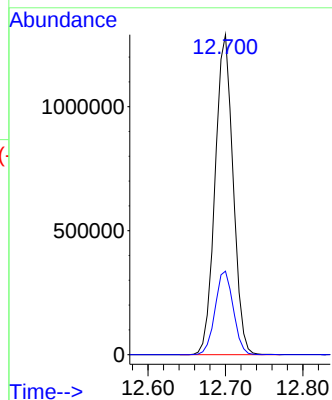
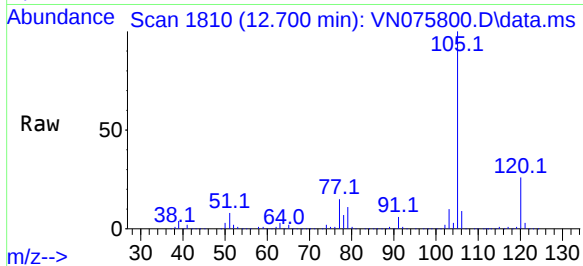




#73
Isopropylbenzene
Concen: 118.639 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

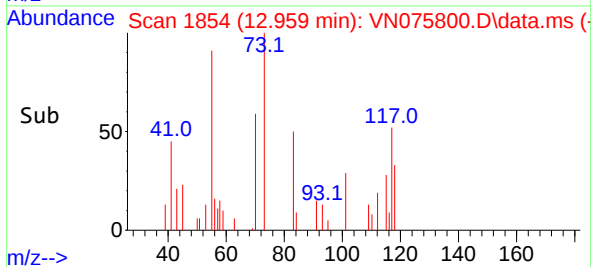
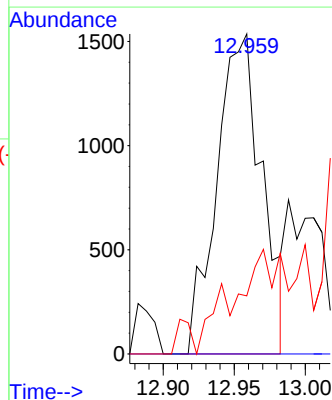
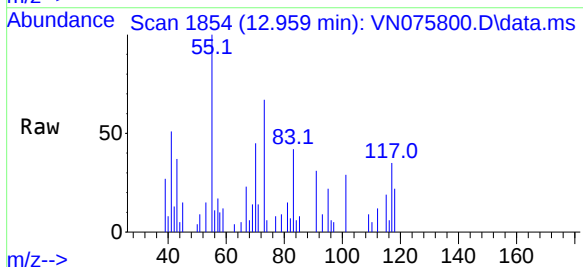
Instrument :
MSVOA_N
ClientSampleId :
MW-43

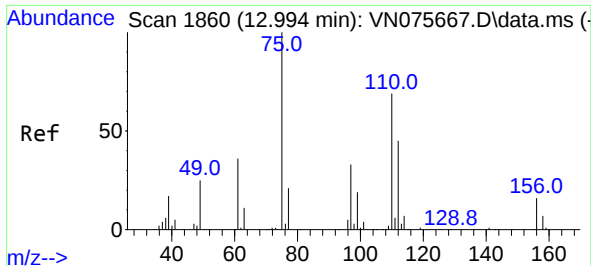
Tgt Ion:105 Resp: 2084486
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#75
1,1,2,2-Tetrachloroethane
Concen: 0.627 ug/l
RT: 12.959 min Scan# 1854
Delta R.T. 0.018 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 83 Resp: 3405
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 26.8 32.6 98.0#

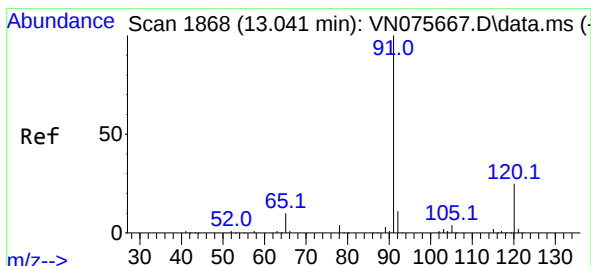
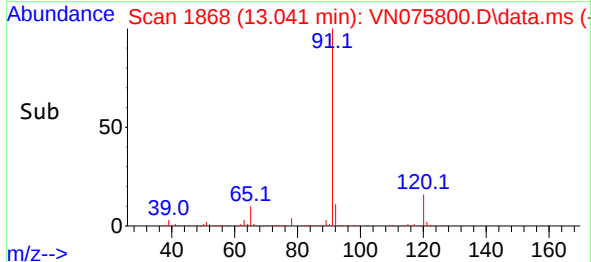
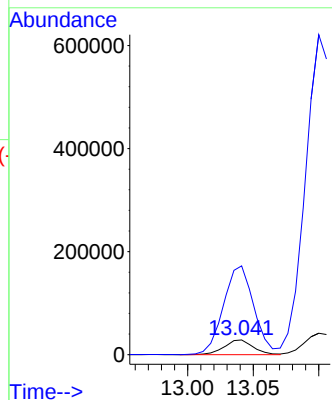
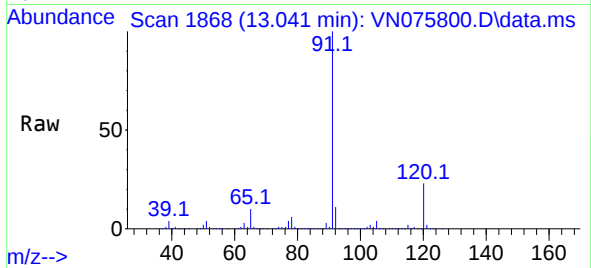




#76
1,2,3-Trichloropropane
Concen: 9.021 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.047 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

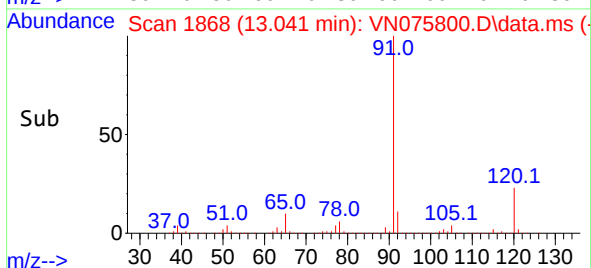
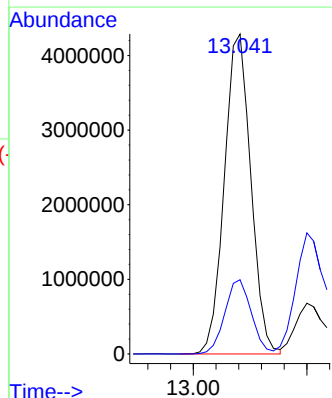
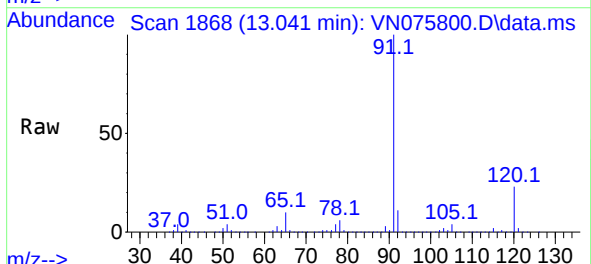
Instrument :
MSVOA_N
ClientSampleId :
MW-43

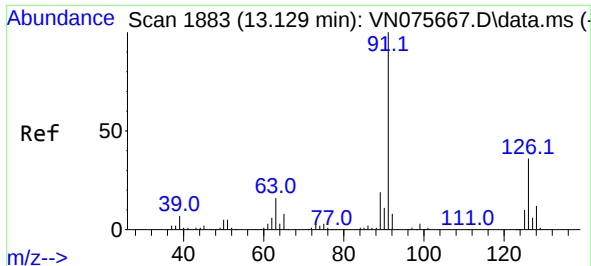
Tgt Ion: 75 Resp: 44212
Ion Ratio Lower Upper
75 100
77 623.4 82.6 247.8#



#78
n-propylbenzene
Concen: 358.242 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 91 Resp: 6942252
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1

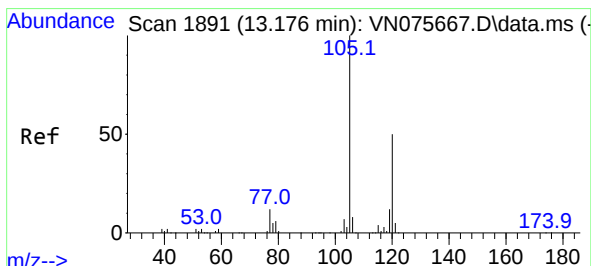
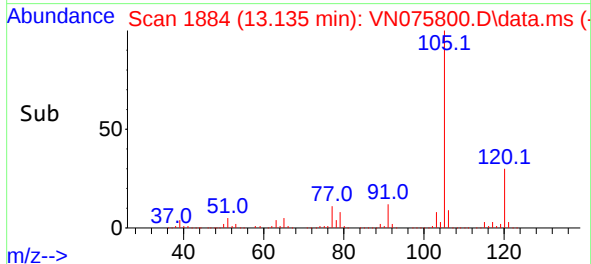
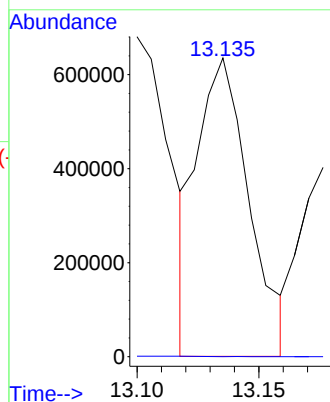
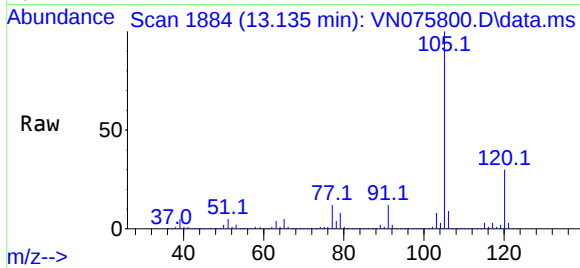




#79
2-Chlorotoluene
Concen: 77.737 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

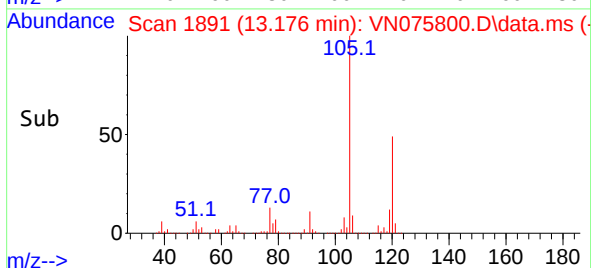
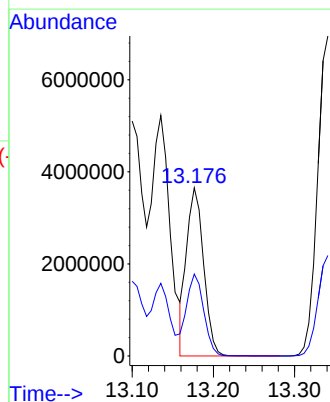
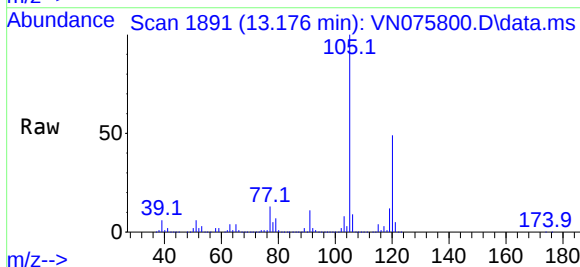
Instrument :
MSVOA_N
ClientSampleId :
MW-43

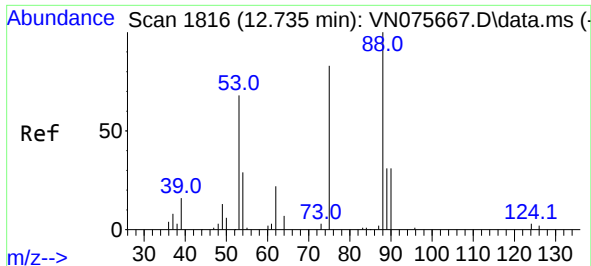
Tgt Ion: 91 Resp: 940371
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#80
1,3,5-Trimethylbenzene
Concen: 362.718 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:105 Resp: 5333812
Ion Ratio Lower Upper
105 100
120 51.7 24.7 74.1

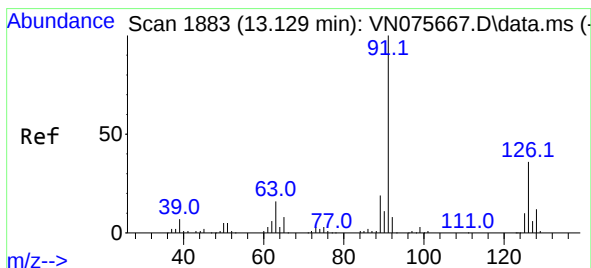
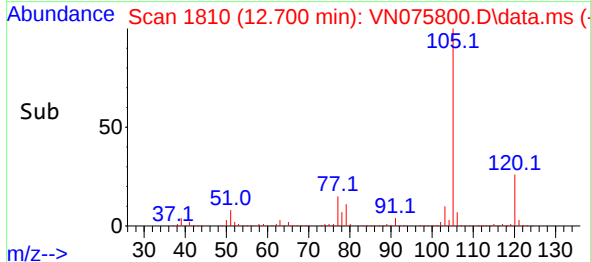
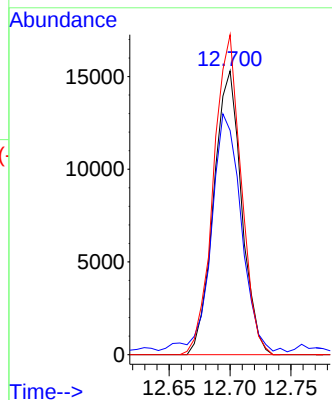
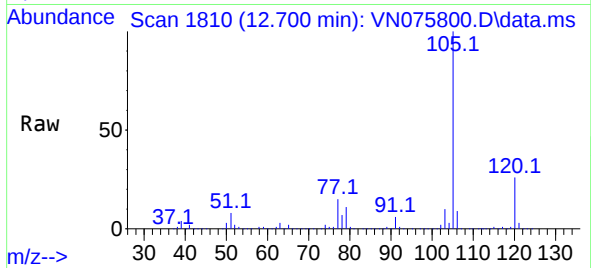




#81
trans-1,4-Dichloro-2-butene
Concen: 17.936 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.041 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

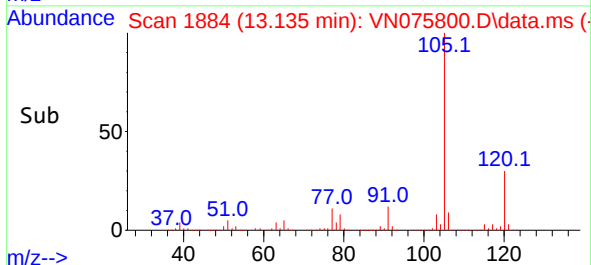
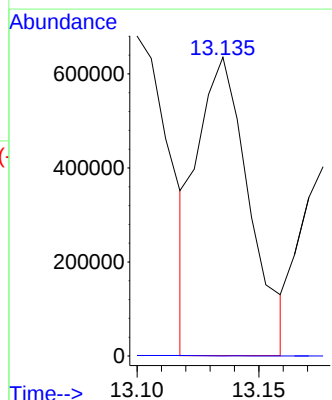
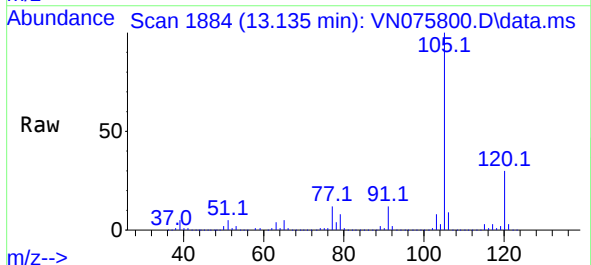
Instrument :
MSVOA_N
ClientSampleId :
MW-43

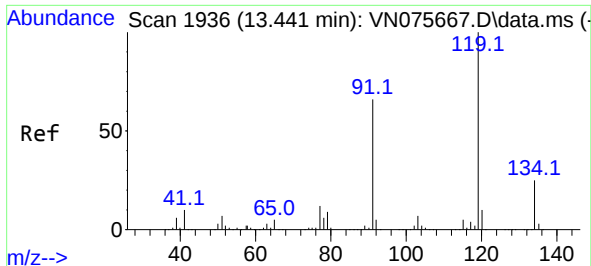
Tgt Ion: 75 Resp: 24421
Ion Ratio Lower Upper
75 100
53 89.5 73.8 110.6
89 111.6 39.5 59.3#



#82
4-Chlorotoluene
Concen: 77.737 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 91 Resp: 940371
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#

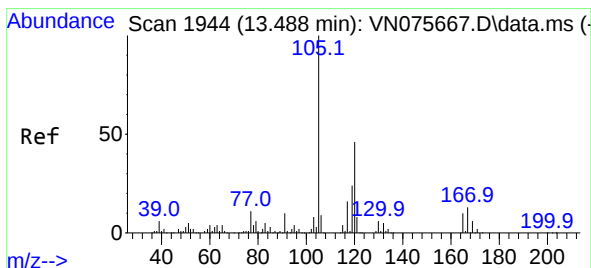
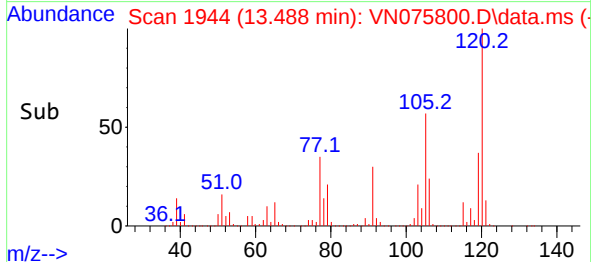
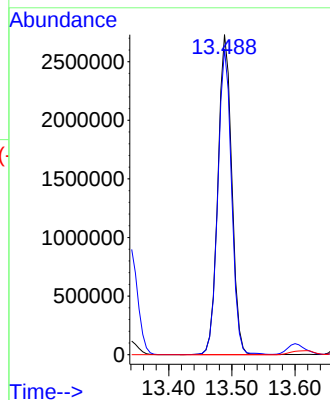
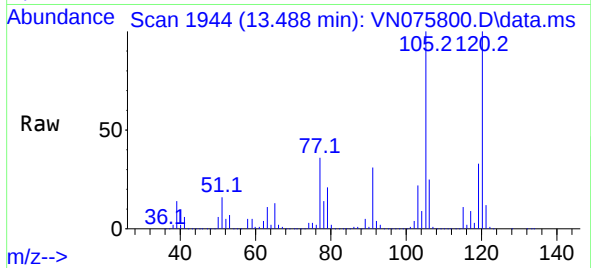




#83
tert-Butylbenzene
Concen: 320.370 ug/l
RT: 13.488 min Scan# 1919
Delta R.T. 0.047 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

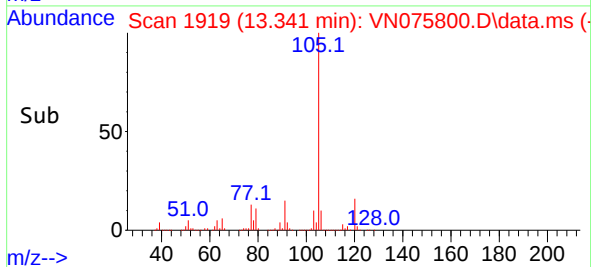
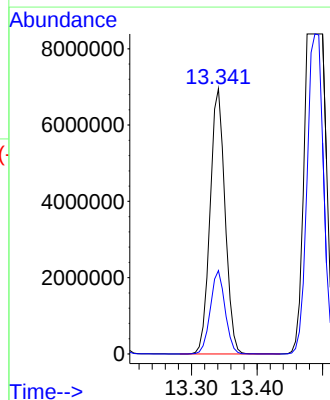
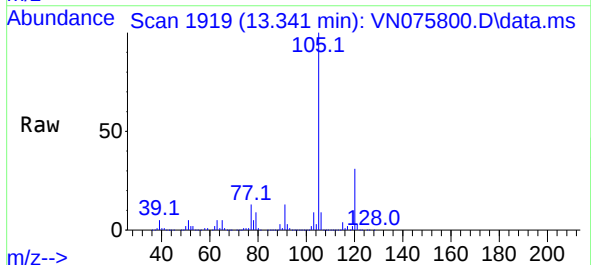
Instrument :
MSVOA_N
ClientSampleId :
MW-43

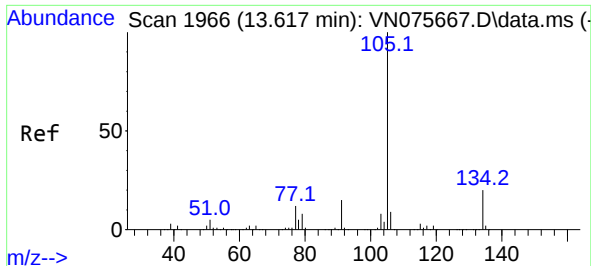
Tgt Ion:119 Resp: 4153660
Ion Ratio Lower Upper
119 100
91 94.4 31.9 95.5
134 0.0 13.8 41.4#



#84
1,2,4-Trimethylbenzene
Concen: 754.703 ug/l
RT: 13.341 min Scan# 1919
Delta R.T. -0.141 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:105 Resp:11009659
Ion Ratio Lower Upper
105 100
120 30.9 23.3 69.8

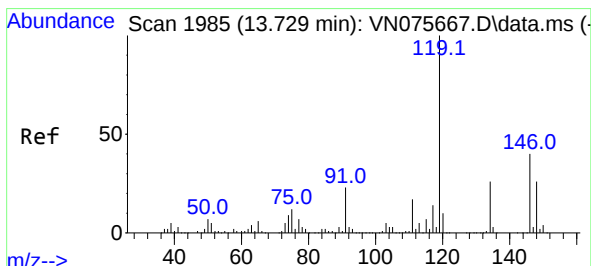
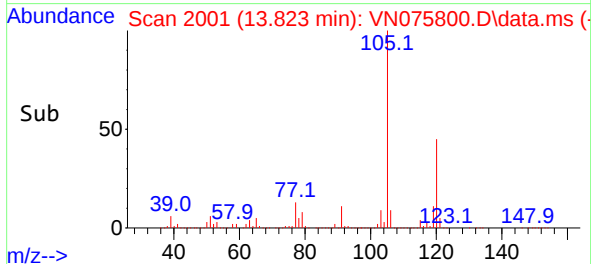
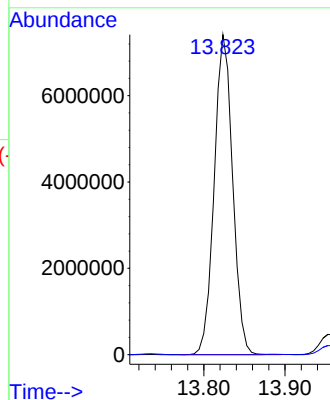
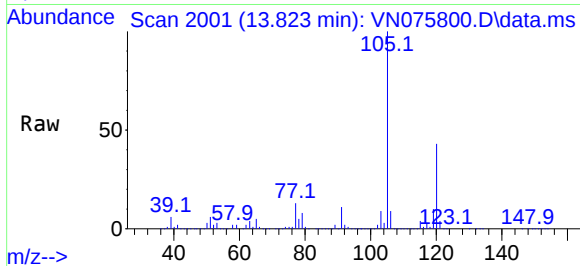




#85
 sec-Butylbenzene
 Concen: 652.248 ug/l
 RT: 13.823 min Scan# 20
 Delta R.T. 0.206 min
 Lab File: VN075800.D
 Acq: 15 Dec 2022 05:15

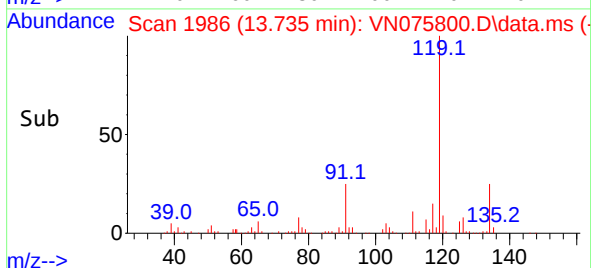
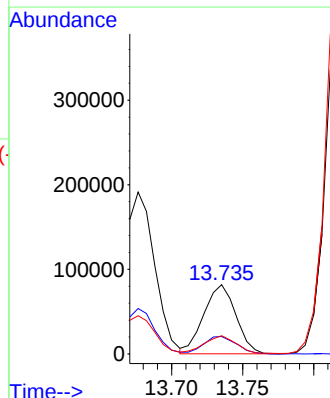
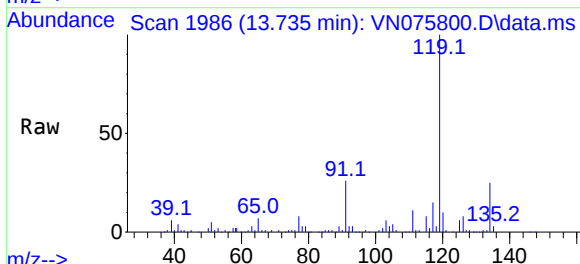
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

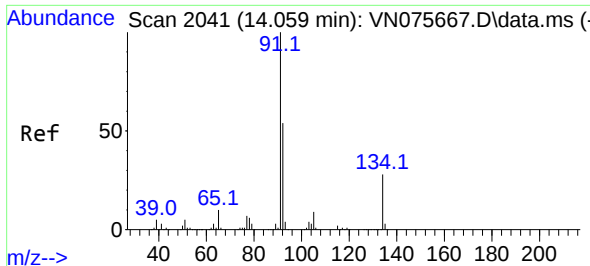
Tgt Ion:105 Resp:11671997
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 8.614 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075800.D
 Acq: 15 Dec 2022 05:15

Tgt Ion:119 Resp: 128271
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 0.0 11.2 33.6#

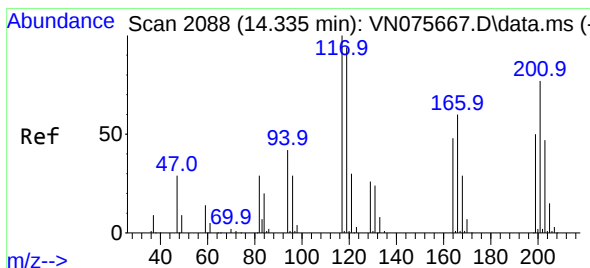
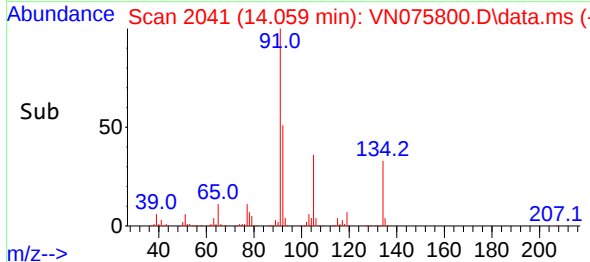
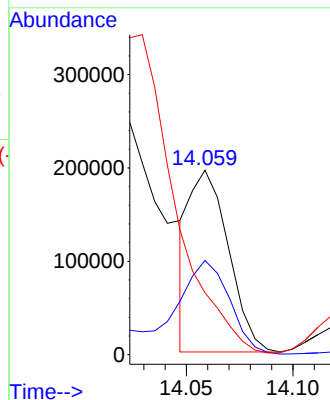
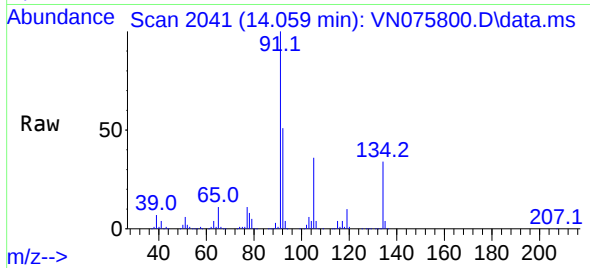




#89
n-Butylbenzene
Concen: 20.455 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

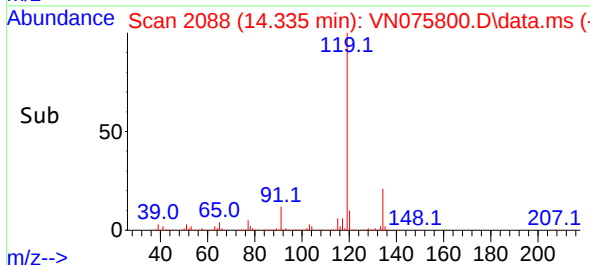
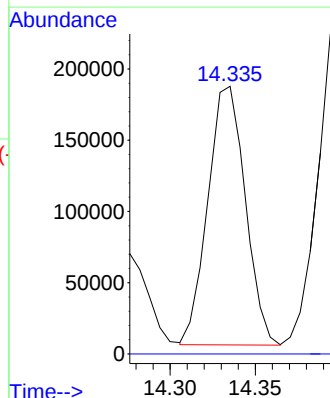
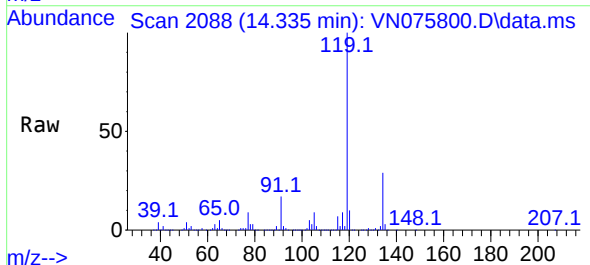
Instrument :
MSVOA_N
ClientSampleId :
MW-43

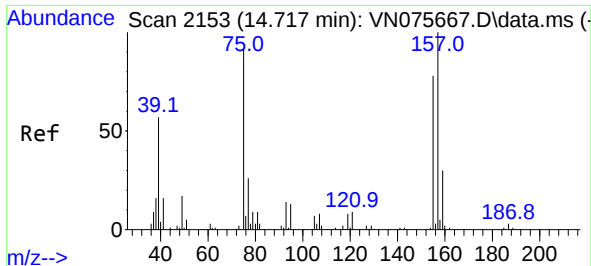
Tgt Ion: 91 Resp: 246751
Ion Ratio Lower Upper
91 100
92 68.0 26.4 79.2
134 0.0 13.4 40.2#



#90
Hexachloroethane
Concen: 104.033 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion: 117 Resp: 277097
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#

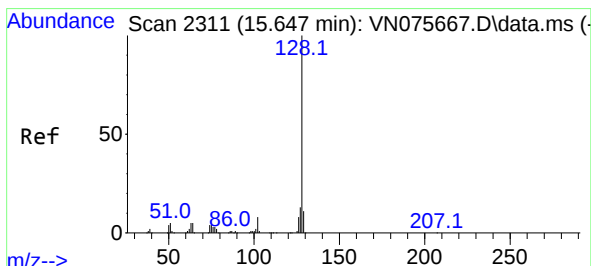
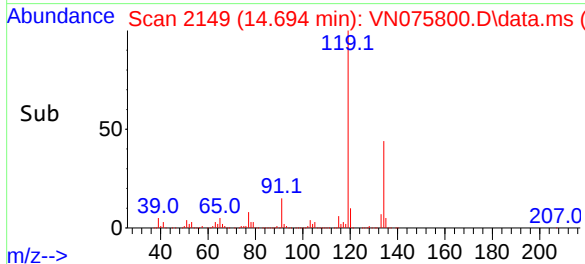
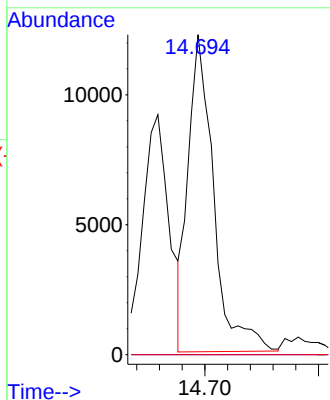
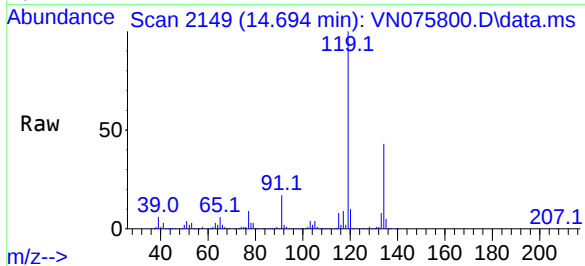




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.652 ug/l
RT: 14.694 min Scan# 2153
Delta R.T. -0.029 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 75 Resp: 18940
Ion Ratio Lower Upper
75 100
155 0.0 49.3 147.8#
157 0.0 63.7 191.3#



#95
Naphthalene
Concen: 928.796 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075800.D
Acq: 15 Dec 2022 05:15

Tgt Ion:128 Resp:12819480
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.3 8.7 13.1

