

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074022.D
 Acq On : 19 Aug 2022 13:21
 Operator : JC\MD
 Sample : VN0819WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Quant Time: Aug 20 02:44:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	70838	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	390218	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	355221	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	177400	28.964	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.533%
60) 4-Bromofluorobenzene	12.669	95	193177	30.713	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.367%
63) Toluene-d8	10.380	98	585307	29.263	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	96726	20.089	ug/l	97
3) Chloromethane	2.269	50	109891	17.262	ug/l	95
4) Vinyl Chloride	2.405	62	134467	17.210	ug/l	99
5) Bromomethane	2.810	94	72217	18.194	ug/l	98
6) Chloroethane	2.969	64	83976	15.864	ug/l	100
7) Trichlorofluoromethane	3.316	101	163417	21.264	ug/l	97
8) Diethyl Ether	3.763	74	61422	19.862	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.140	101	94904	20.483	ug/l #	60
10) 1,1-Dichloroethene	4.116	96	87674	19.769	ug/l	94
11) Methyl Iodide	4.346	142	89069	17.411	ug/l	90
12) Methyl Acetate	4.775	43	146017	19.373	ug/l	97
13) Acrolein	3.981	56	135707	102.421	ug/l	95
14) Acrylonitrile	5.469	53	317065	91.147	ug/l	98
15) Acetone	4.222	58	87740	90.728	ug/l	84
16) Carbon Disulfide	4.457	76	206998	17.080	ug/l	98
17) Allyl chloride	4.763	41	135460	18.312	ug/l	85
18) Methylene Chloride	5.010	84	104627	18.619	ug/l	98
19) trans-1,2-Dichloroethene	5.516	96	93890	19.095	ug/l	93
20) Diisopropyl ether	6.410	45	292747	18.192	ug/l	94
21) 1,1-Dichloroethane	6.298	63	175988	18.533	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	115595	19.542	ug/l	92
23) tert-Butyl Alcohol	5.281	59	120163	97.745	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	311361	19.922	ug/l	91
25) Chloroform	7.745	83	192874	19.678	ug/l	99
26) Cyclohexane	8.022	56	146994	17.946	ug/l #	94
29) 1,1-Dichloropropene	8.151	75	133417	18.298	ug/l	99
30) 2-Butanone	7.257	43	437158	86.733	ug/l	98
31) 2,2-Dichloropropane	7.245	77	148923	19.574	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	167070	19.797	ug/l	99
33) Carbon Tetrachloride	8.134	117	145639	20.125	ug/l	99
34) Benzene	8.392	78	420566	17.825	ug/l	99
35) Methacrylonitrile	7.563	41	71311	17.429	ug/l	95
36) 1,2-Dichloroethane	8.463	62	142711	18.343	ug/l #	94
37) Trichloroethene	9.151	130	113600	19.571	ug/l	91
38) Methylcyclohexane	9.392	83	166534	18.399	ug/l	97
39) 1,2-Dichloropropane	9.428	63	105615	17.744	ug/l	100
40) Dibromomethane	9.510	93	76726	18.996	ug/l	83
41) Bromodichloromethane	9.698	83	147479	18.653	ug/l	91
42) Vinyl Acetate	6.351	43	1261649	86.867	ug/l	95

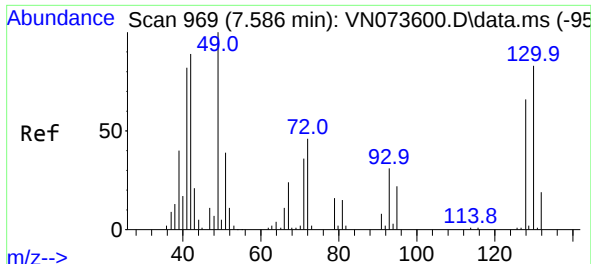
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	168758	17.637	ug/l	99
44) Isopropyl Acetate	8.492	43	237592	17.856	ug/l	96
45) 1,4-Dioxane	9.504	88	58335	367.670	ug/l	96
46) Methyl methacrylate	9.498	41	103091	17.325	ug/l	80
47) n-amyl Acetate	12.327	43	185668	17.502	ug/l	93
48) t-1,3-Dichloropropene	10.657	75	148459	18.239	ug/l	100
49) cis-1,3-Dichloropropene	10.128	75	163185	18.056	ug/l #	87
50) 1,1,2-Trichloroethane	10.839	97	113752	18.772	ug/l	98
51) Ethyl methacrylate	10.704	69	166040	18.226	ug/l	81
52) 1,3-Dichloropropane	10.986	76	184950	18.108	ug/l	100
53) Dibromochloromethane	11.180	129	120456	19.615	ug/l	98
54) 1,2-Dibromoethane	11.286	107	116824	18.918	ug/l	97
55) 2-Chloroethyl vinyl ether	9.980	63	424747	103.953	ug/l	97
56) Bromoform	12.398	173	93838	19.445	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	838548	91.295	ug/l	93
59) 2-Hexanone	11.028	43	649461	91.801	ug/l	92
61) Tetrachloroethene	10.916	164	105659	19.419	ug/l	92
62) Toluene	10.445	91	469328	18.999	ug/l	97
64) Chlorobenzene	11.710	112	293334	19.875	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.780	131	111688	20.386	ug/l	98
66) Ethyl Benzene	11.786	91	501136	18.976	ug/l	96
67) m/p-Xylenes	11.892	106	406089	40.231	ug/l	95
68) o-Xylene	12.222	106	199563	19.905	ug/l	95
69) Styrene	12.233	104	313811	18.991	ug/l	97
70) Isopropylbenzene	12.522	105	507723	19.808	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.769	83	173415	19.241	ug/l	99
72) 1,2,3-Trichloropropane	12.822	75	215382	28.614	ug/l	49
73) Bromobenzene	12.798	156	134451	21.117	ug/l	89
74) n-propylbenzene	12.863	91	562198	18.847	ug/l	96
75) 2-Chlorotoluene	12.945	91	349020	19.519	ug/l	98
76) 1,3,5-Trimethylbenzene	12.998	105	434205	20.224	ug/l	95
77) t-1,4-Dichloro-2-butene	12.569	75	51337	18.715	ug/l	92
78) 4-Chlorotoluene	13.045	91	330804	19.258	ug/l	98
79) tert-butylbenzene	13.263	119	380410	20.495	ug/l	94
80) 1,2,4-Trimethylbenzene	13.439	105	520603	24.481	ug/l	100
81) sec-Butylbenzene	13.439	105	519914	19.508	ug/l	96
82) p-Isopropyltoluene	13.557	119	441007	20.155	ug/l	96
83) 1,3-Dichlorobenzene	13.551	146	233988	20.076	ug/l	98
84) 1,4-Dichlorobenzene	13.633	146	224257	19.947	ug/l	97
85) n-Butylbenzene	13.880	91	326317	18.398	ug/l	96
86) Hexachloroethane	14.151	117	77250	19.251	ug/l	74
87) 1,2-Dichlorobenzene	13.927	146	241587	20.502	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	38209	19.409	ug/l #	73
89) 1,2,4-Trichlorobenzene	15.198	180	140459	21.658	ug/l	96
90) Hexachlorobutadiene	15.304	225	76817	23.386	ug/l	96
91) Naphthalene	15.433	128	462351	21.712	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	150181	22.542	ug/l	97

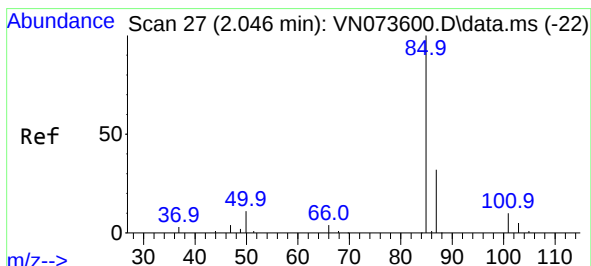
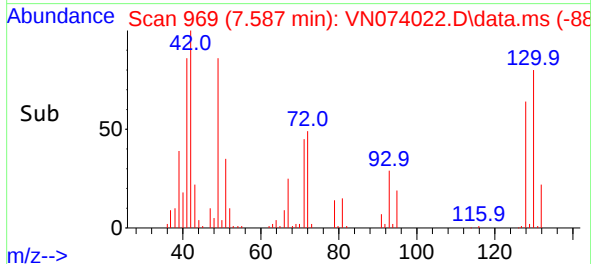
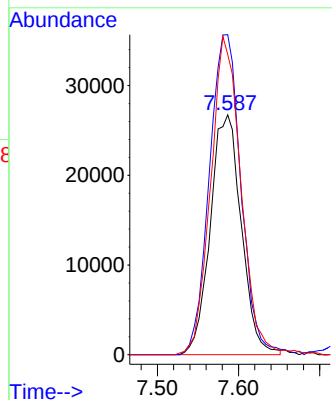
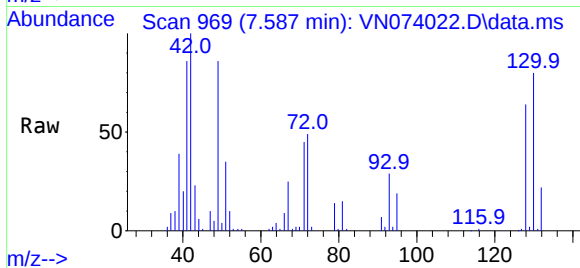
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.001 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

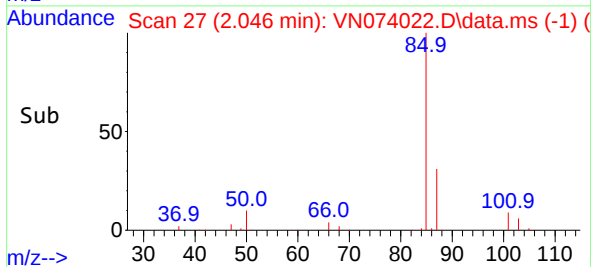
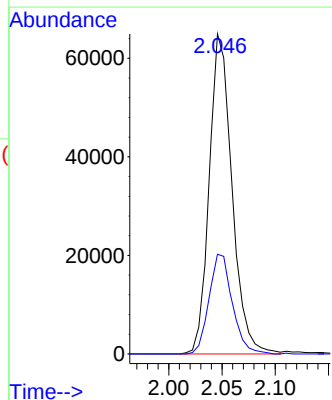
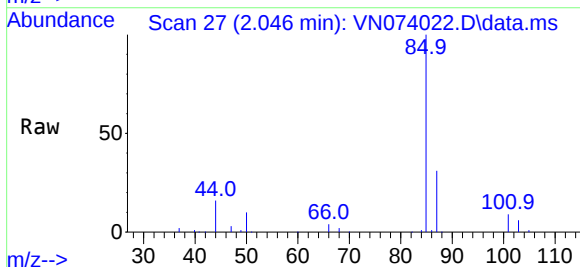
Instrument :
MSVOA_N
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VN0819WBS01

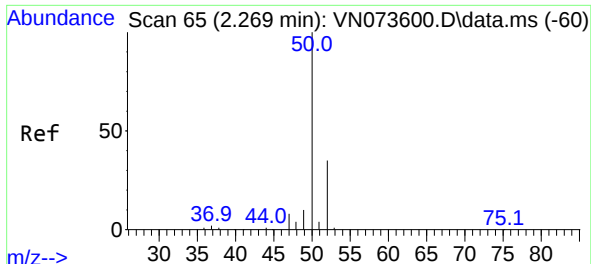
Tgt Ion:128 Resp: 70838
Ion Ratio Lower Upper
128 100
49 136.2 0.0 392.3
130 129.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 20.089 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 85 Resp: 96726
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.7

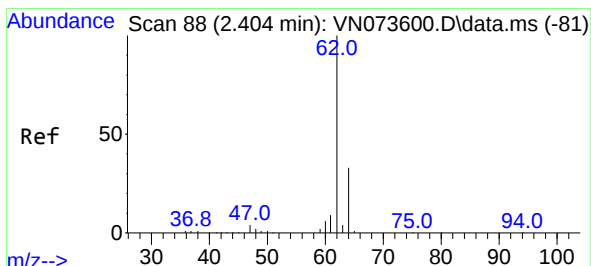
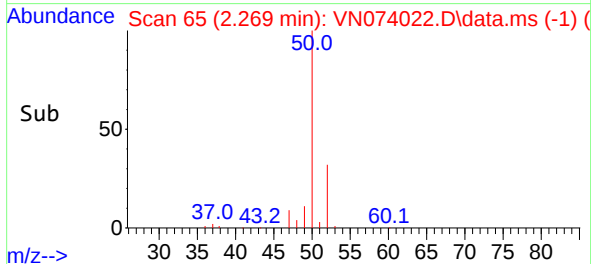
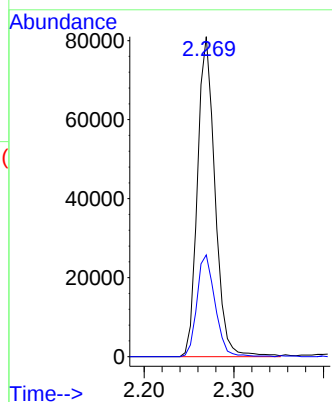
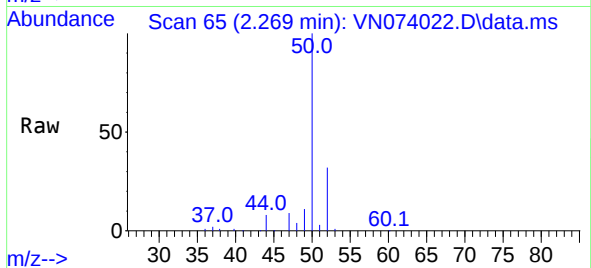




#3
Chloromethane
Concen: 17.262 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

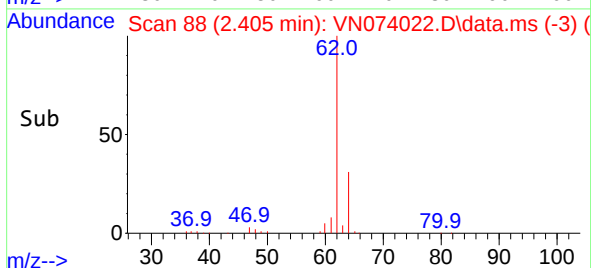
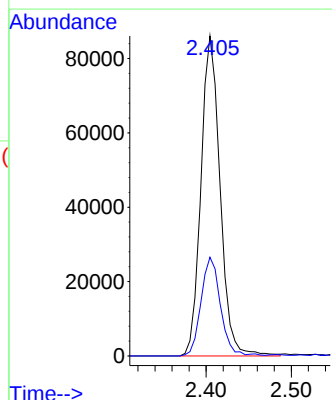
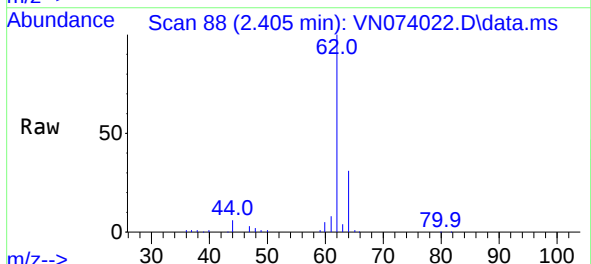
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

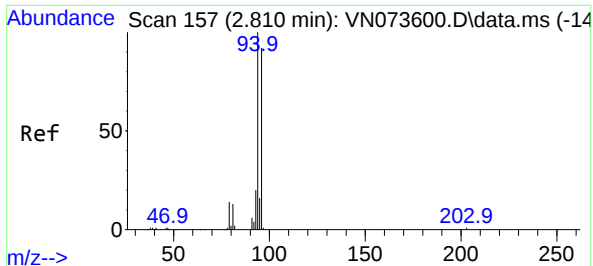
Tgt Ion: 50 Resp: 109891
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.6



#4
Vinyl Chloride
Concen: 17.210 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 62 Resp: 134467
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7

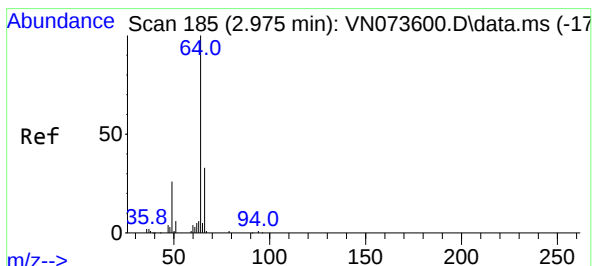
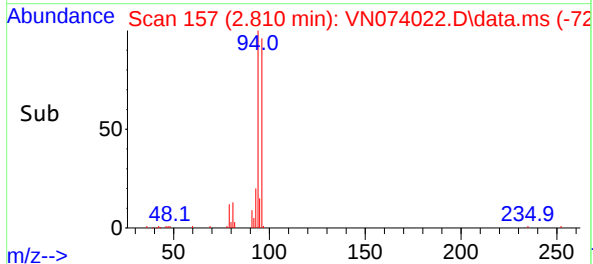
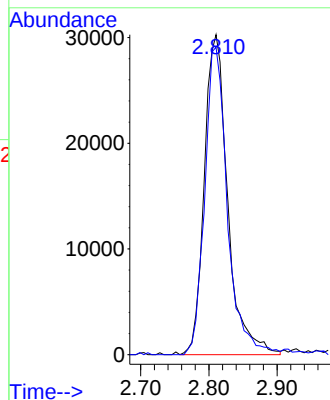
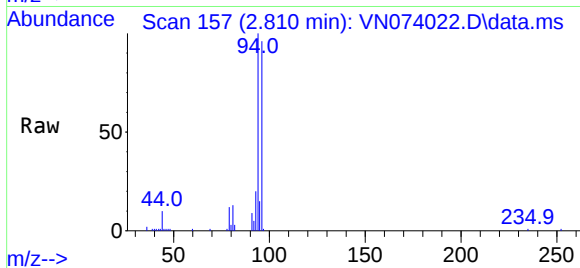




#5
Bromomethane
Concen: 18.194 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

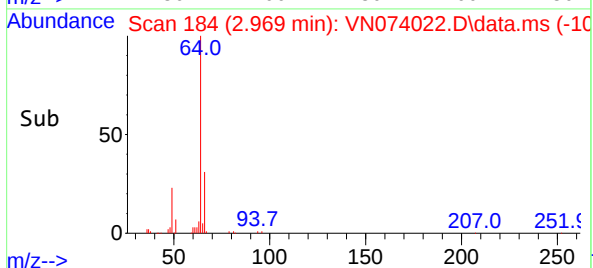
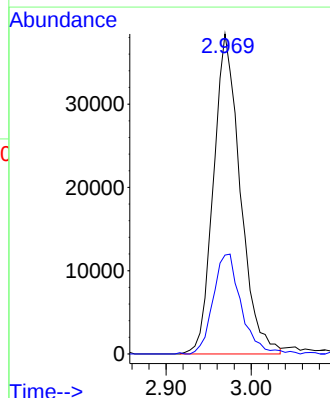
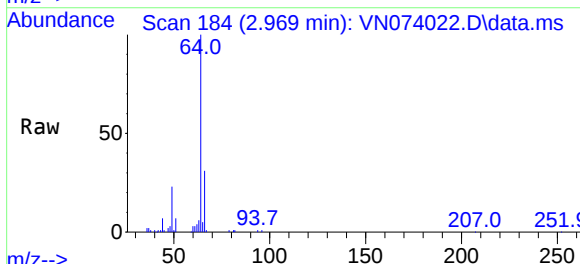
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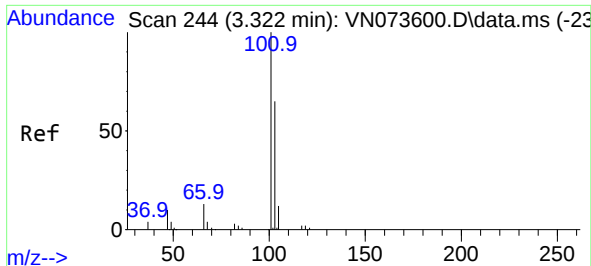
Tgt Ion: 94 Resp: 72217
Ion Ratio Lower Upper
94 100
96 96.1 75.2 112.8



#6
Chloroethane
Concen: 15.864 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 64 Resp: 83976
Ion Ratio Lower Upper
64 100
66 30.5 24.6 36.8

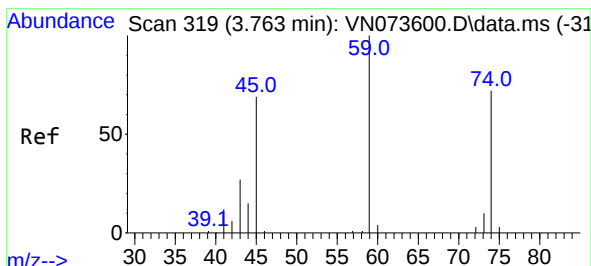
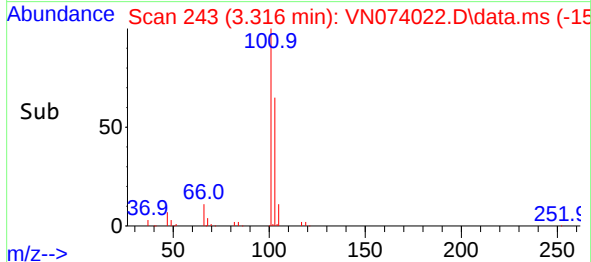
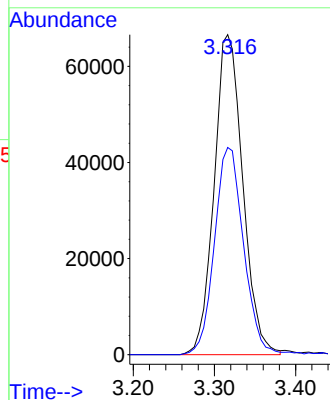
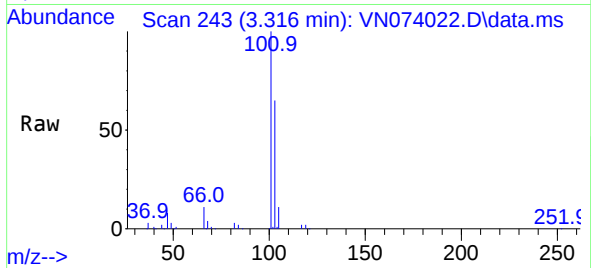




#7
Trichlorofluoromethane
Concen: 21.264 ug/l
RT: 3.316 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

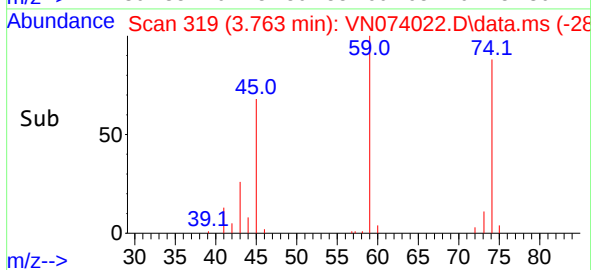
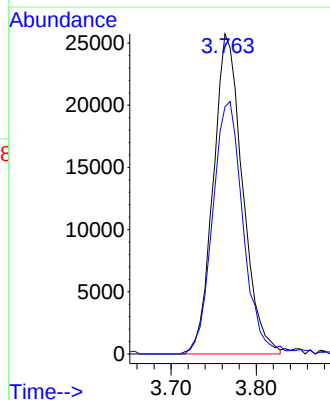
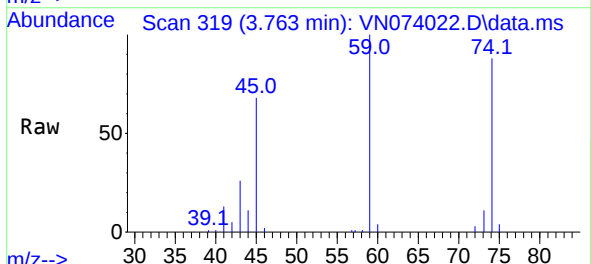
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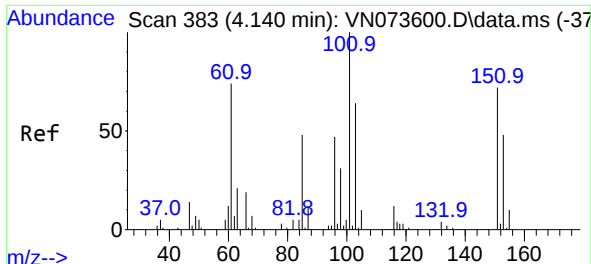
Tgt Ion:101 Resp: 163417
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1



#8
Diethyl Ether
Concen: 19.862 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 74 Resp: 61422
Ion Ratio Lower Upper
74 100
45 81.7 17.6 158.8

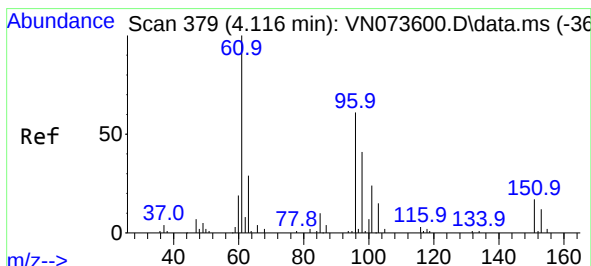
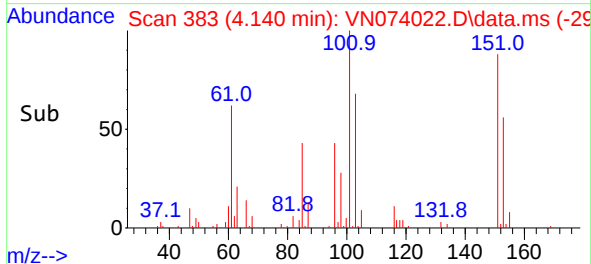
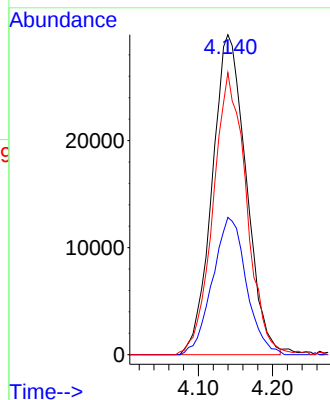
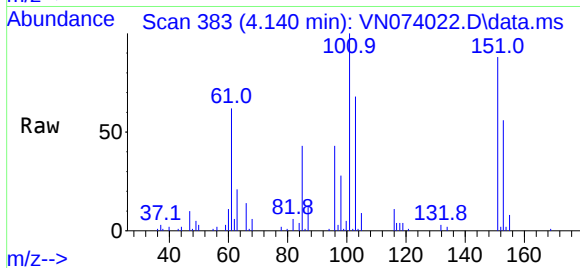




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.483 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

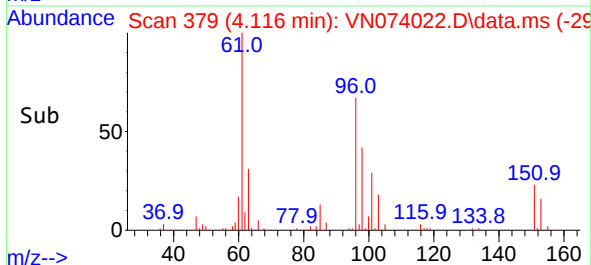
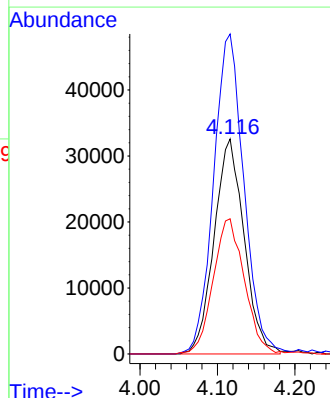
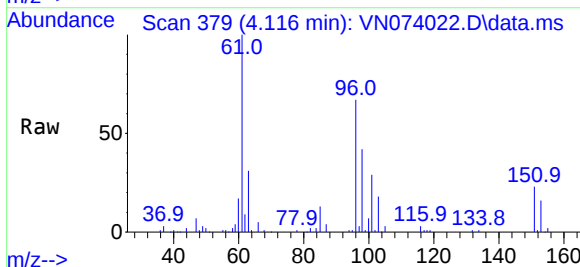
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MSVOA_N
ClientSampleId :
VN0819WBS01

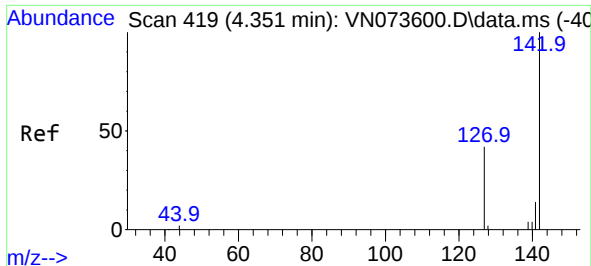
Tgt Ion:101 Resp: 94904
Ion Ratio Lower Upper
101 100
85 42.8 0.0 94.0
151 86.5 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 19.769 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 96 Resp: 87674
Ion Ratio Lower Upper
96 100
61 148.3 126.2 189.4
98 62.2 50.9 76.3

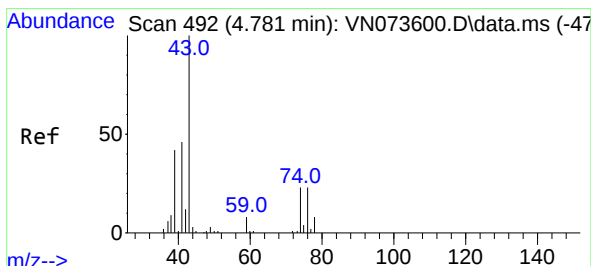
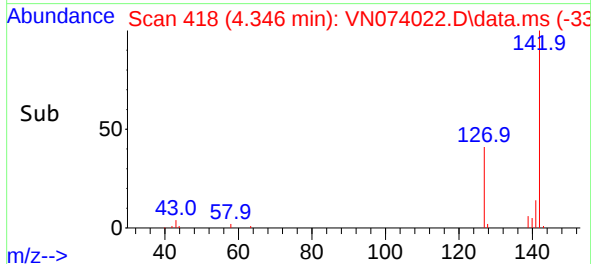
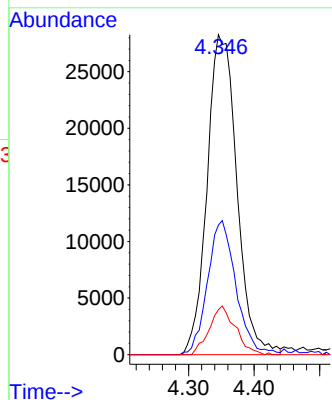
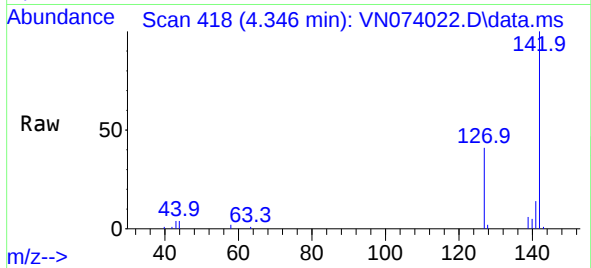




#11
Methyl Iodide
Concen: 17.411 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

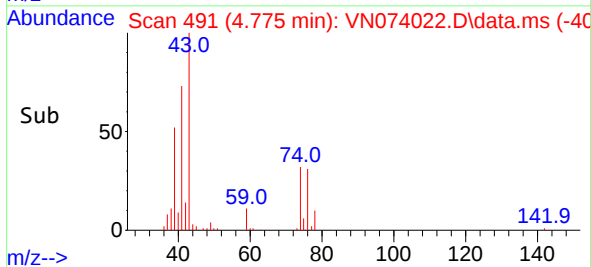
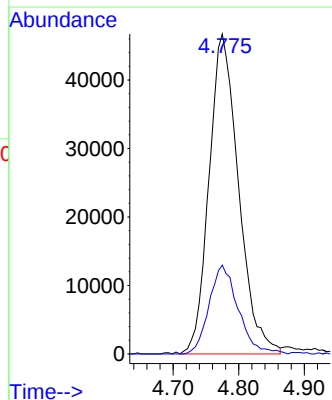
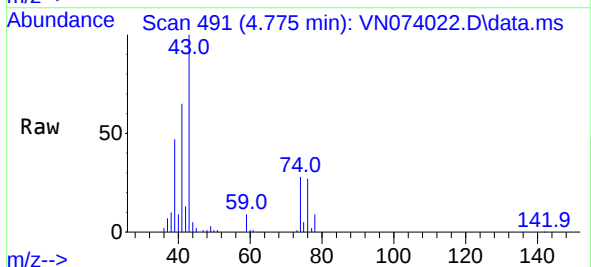
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

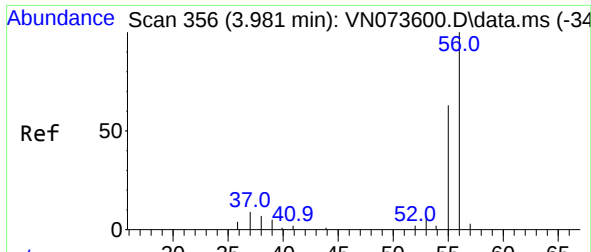
Tgt Ion:142 Resp: 89069
Ion Ratio Lower Upper
142 100
127 40.5 24.0 72.0
141 14.2 8.4 25.2



#12
Methyl Acetate
Concen: 19.373 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 43 Resp: 146017
Ion Ratio Lower Upper
43 100
74 27.6 20.8 31.2

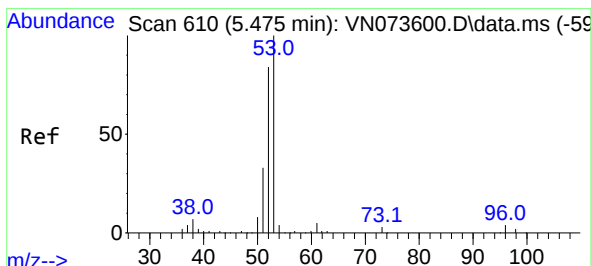
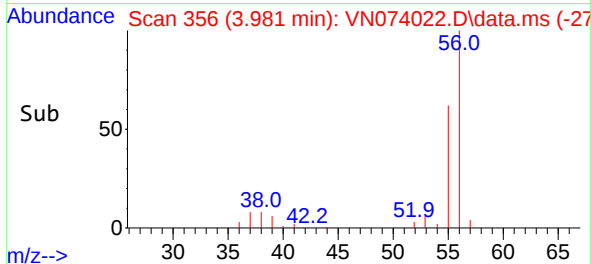
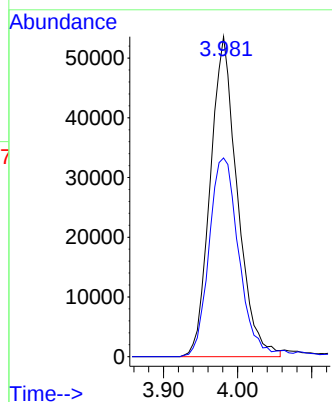
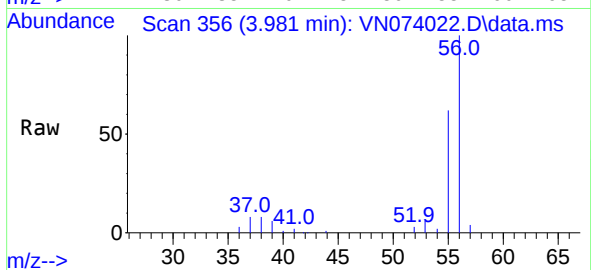




#13
Acrolein
Concen: 102.421 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

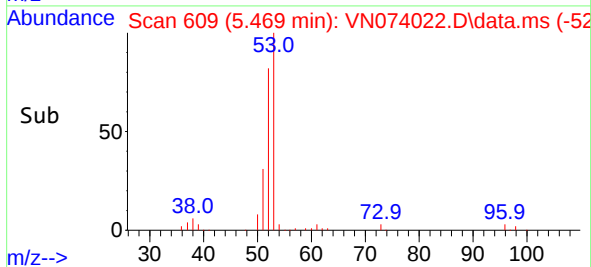
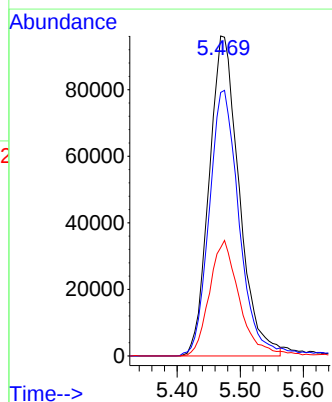
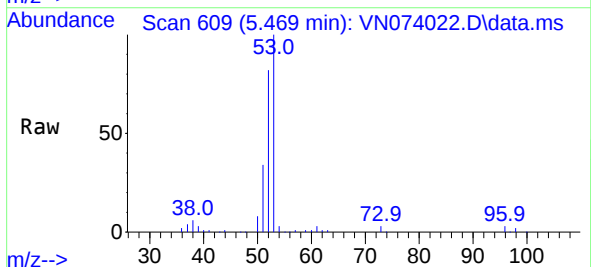
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

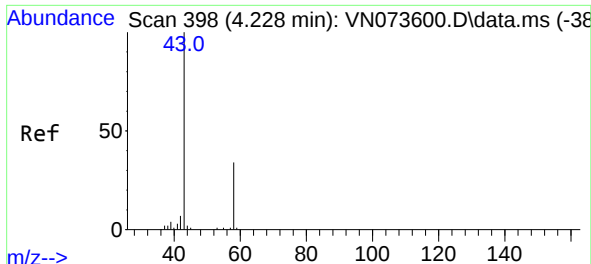
Tgt Ion: 56 Resp: 135707
Ion Ratio Lower Upper
56 100
55 67.7 57.6 86.4



#14
Acrylonitrile
Concen: 91.147 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 53 Resp: 317065
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 36.3 19.0 57.0

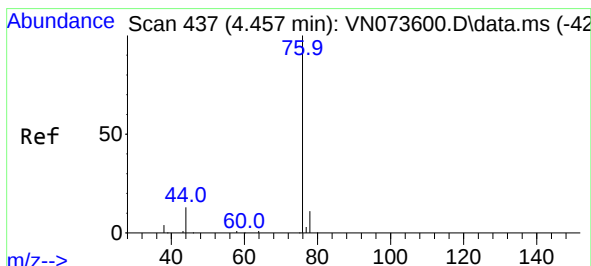
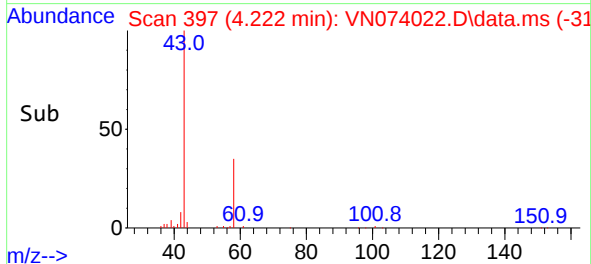
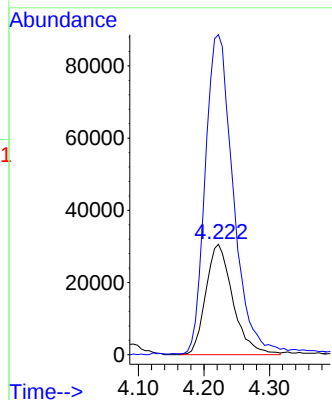
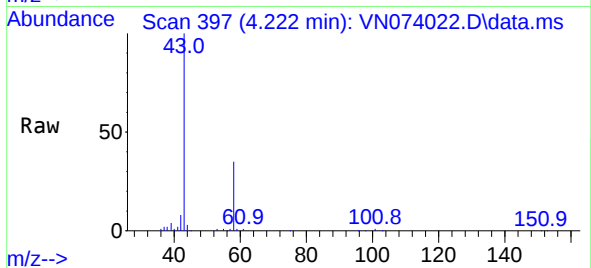




#15
Acetone
Concen: 90.728 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

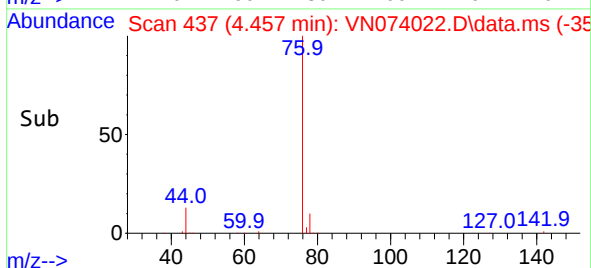
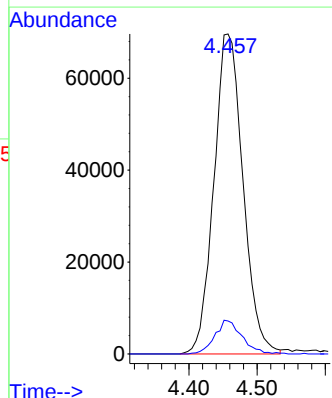
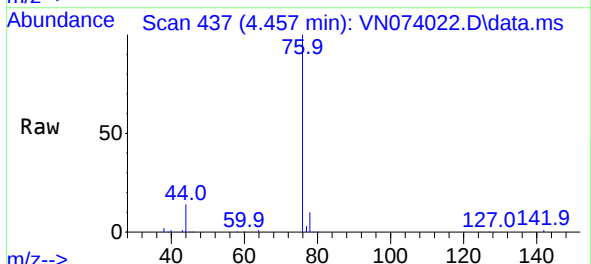
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

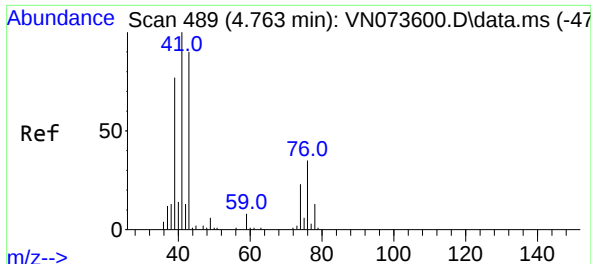
Tgt Ion: 58 Resp: 87740
Ion Ratio Lower Upper
58 100
43 288.7 256.6 384.8



#16
Carbon Disulfide
Concen: 17.080 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 76 Resp: 206998
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.8

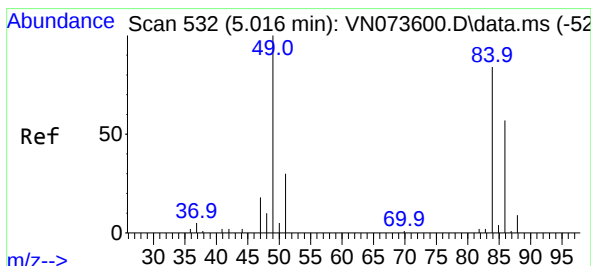
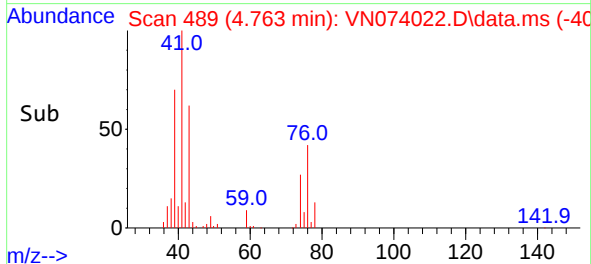
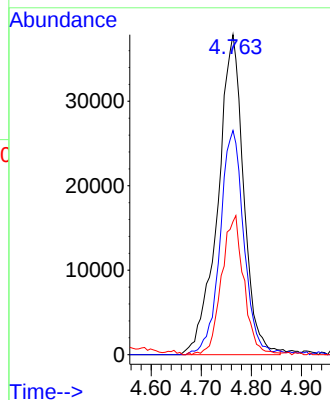
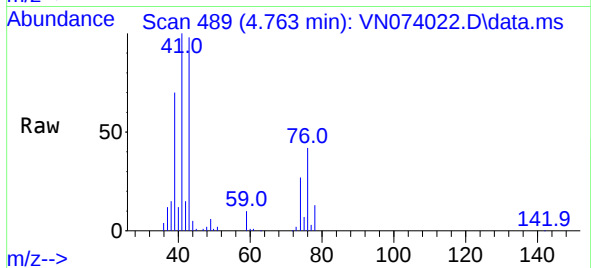




#17
Allyl chloride
Concen: 18.312 ug/l
RT: 4.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

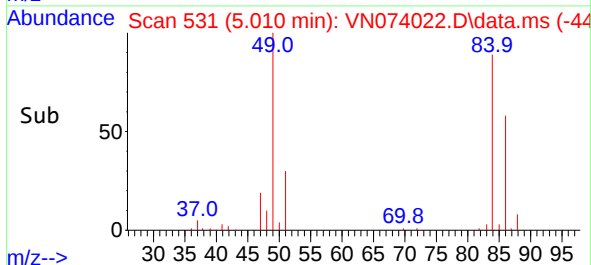
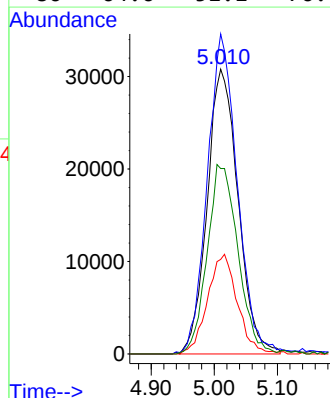
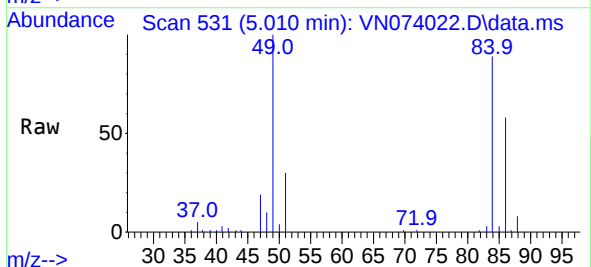
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

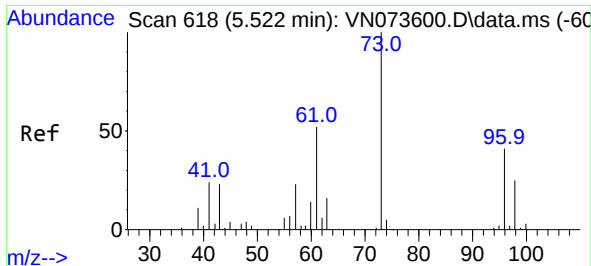
Tgt Ion: 41 Resp: 135460
Ion Ratio Lower Upper
41 100
39 70.1 44.6 134.0
76 41.1 19.6 58.7



#18
Methylene Chloride
Concen: 18.619 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 84 Resp: 104627
Ion Ratio Lower Upper
84 100
49 111.8 91.4 137.0
51 33.2 29.4 44.0
86 64.6 51.1 76.7

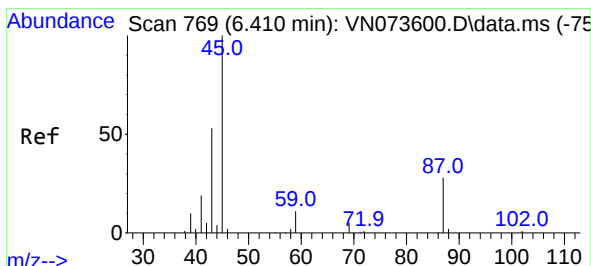
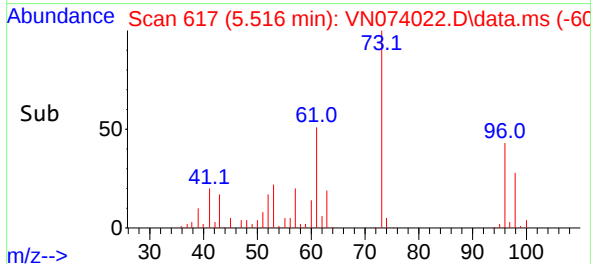
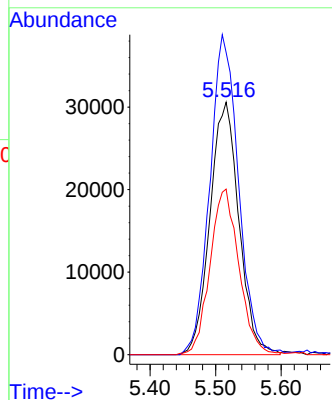
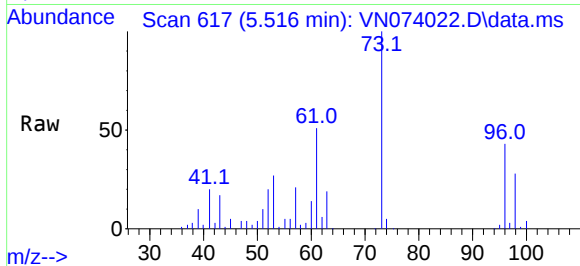




#19
trans-1,2-Dichloroethene
Concen: 19.095 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

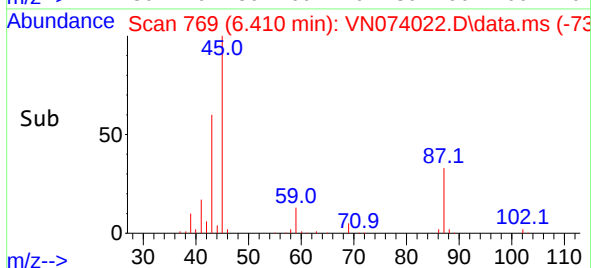
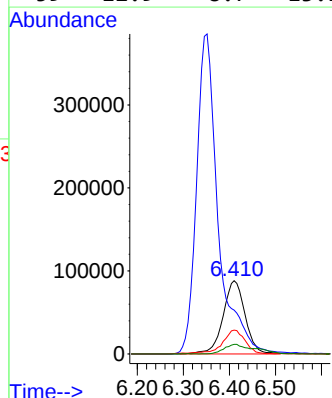
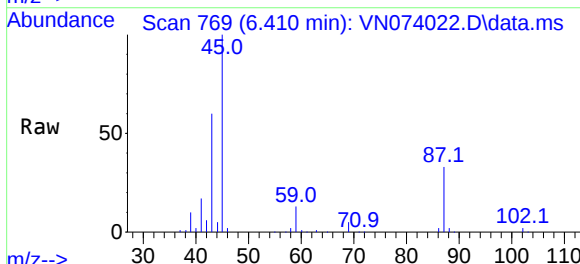
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

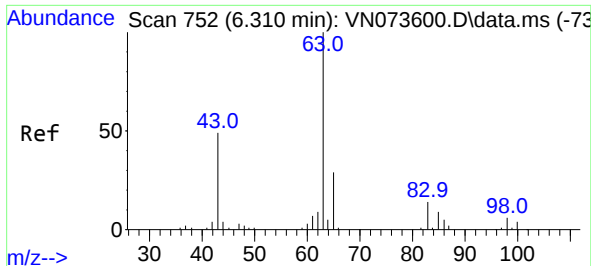
Tgt Ion: 96 Resp: 93890
Ion Ratio Lower Upper
96 100
61 119.7 102.8 154.2
98 65.1 49.3 73.9



#20
Diisopropyl ether
Concen: 18.192 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 45 Resp: 292747
Ion Ratio Lower Upper
45 100
43 57.1 51.0 76.4
87 32.2 25.0 37.4
59 12.9 8.7 13.1

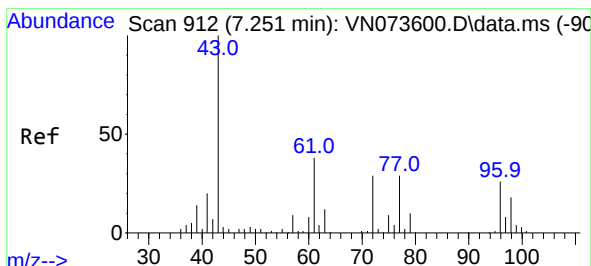
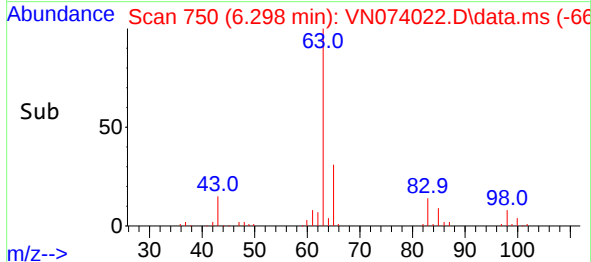
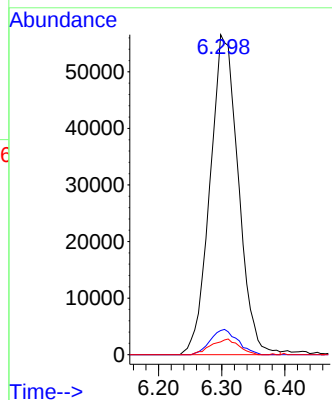
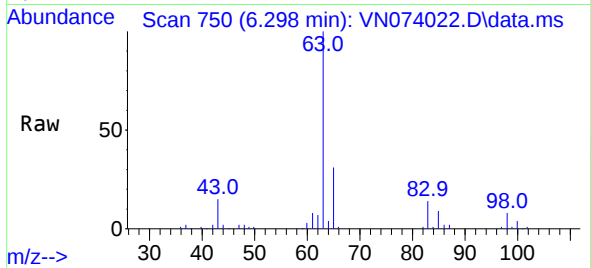




#21
1,1-Dichloroethane
Concen: 18.533 ug/l
RT: 6.298 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

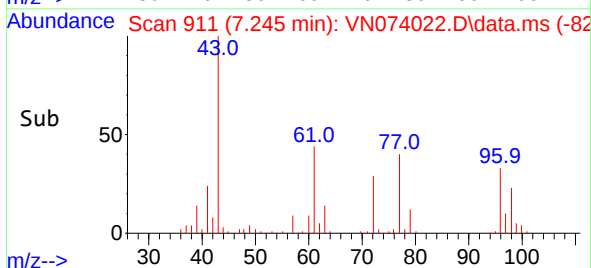
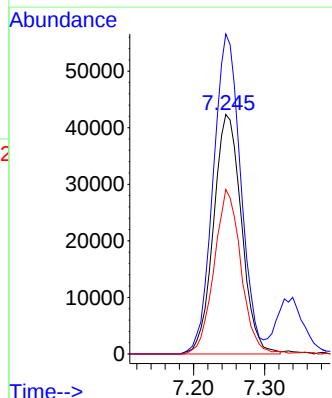
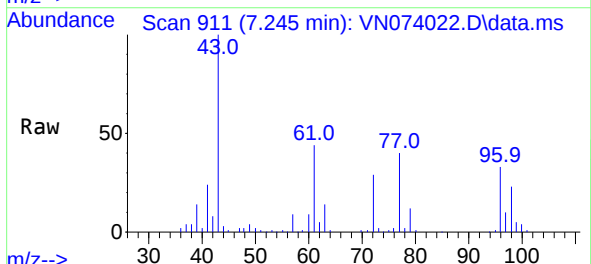
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

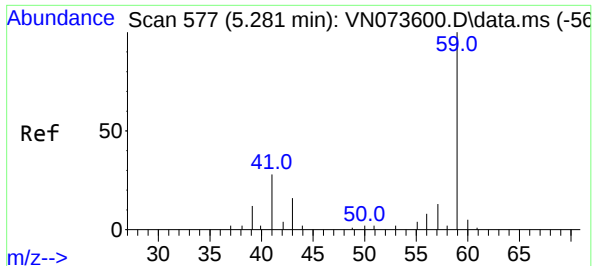
Tgt Ion: 63 Resp: 175988
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.0 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 19.542 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 96 Resp: 115595
Ion Ratio Lower Upper
96 100
61 131.4 115.7 173.5
98 65.6 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 97.745 ug/l

RT: 5.281 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

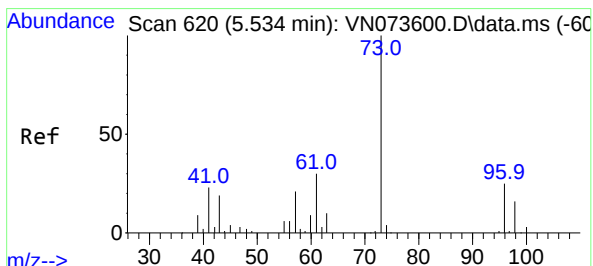
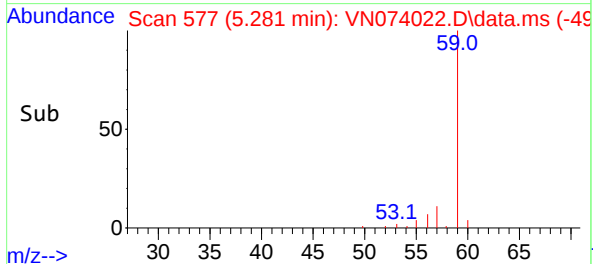
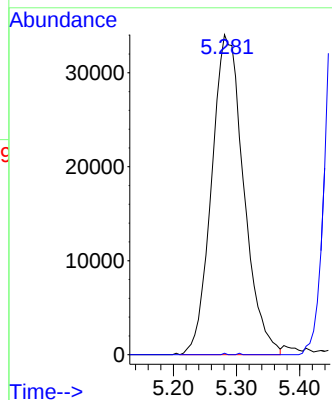
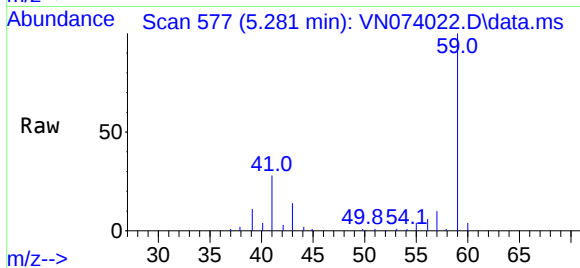
VN0819WBS01

Tgt Ion: 59 Resp: 120163

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.922 ug/l

RT: 5.534 min Scan# 620

Delta R.T. 0.000 min

Lab File: VN074022.D

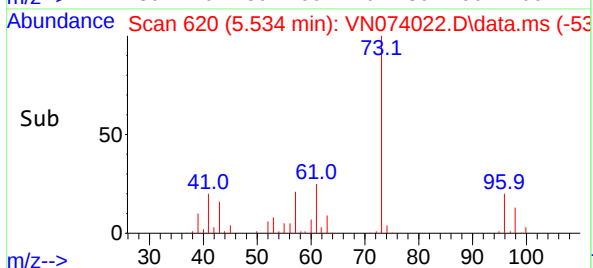
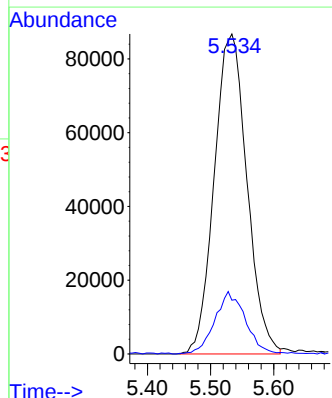
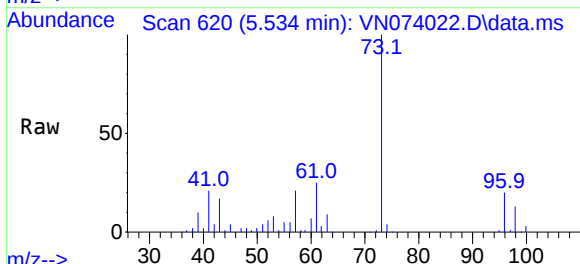
Acq: 19 Aug 2022 13:21

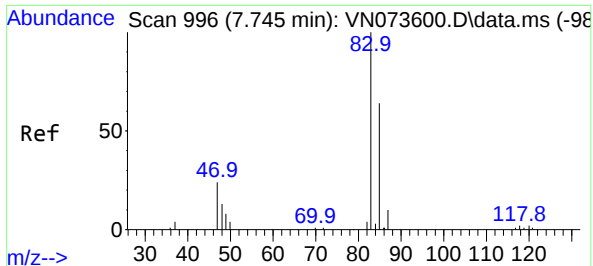
Tgt Ion: 73 Resp: 311361

Ion Ratio Lower Upper

73 100

43 18.2 18.1 27.1

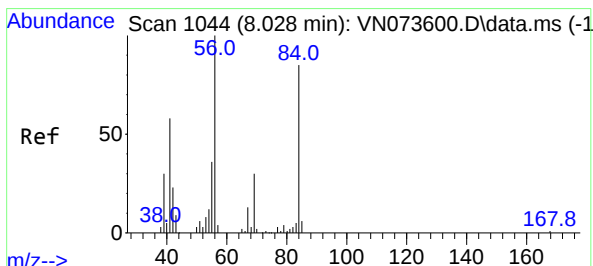
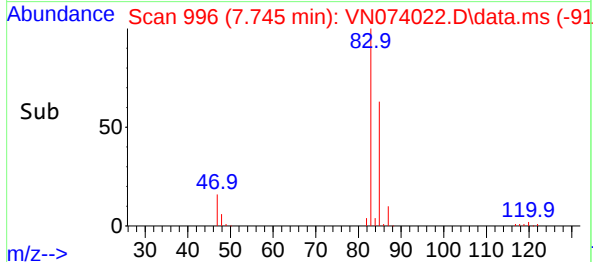
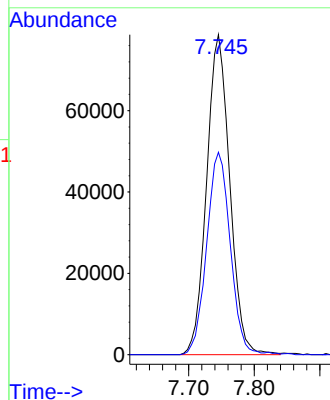
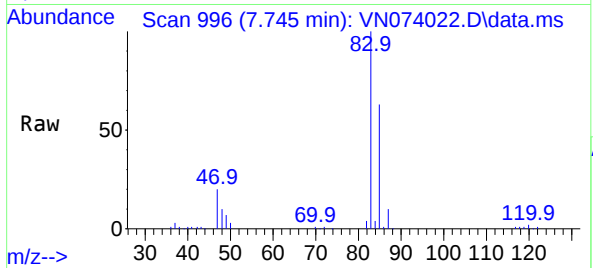




#25
Chloroform
Concen: 19.678 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

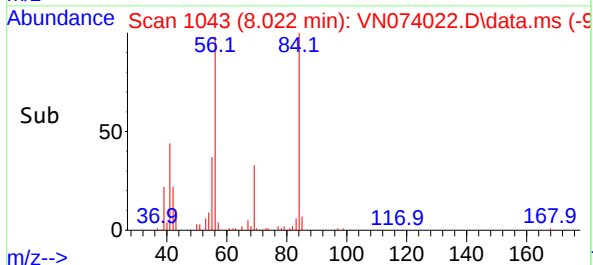
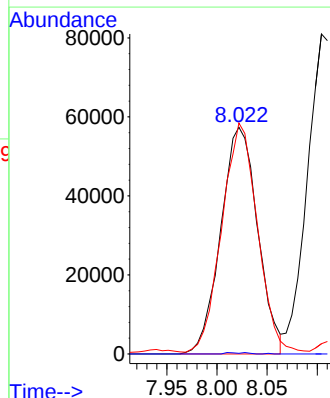
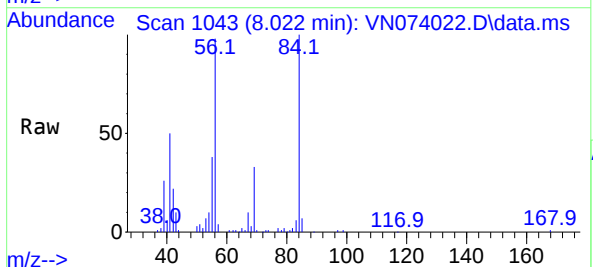
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

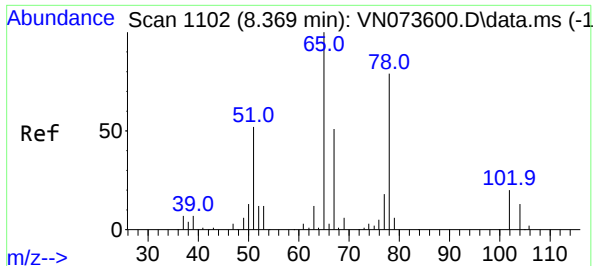
Tgt Ion: 83 Resp: 192874
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9



#26
Cyclohexane
Concen: 17.946 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 56 Resp: 146994
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 99.2 74.6 111.8

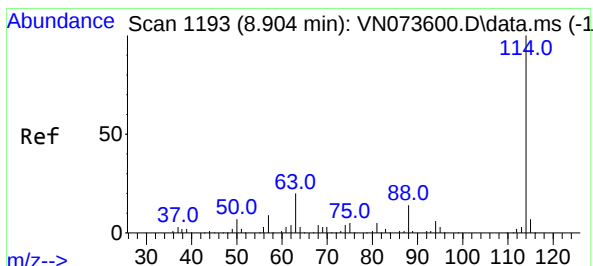
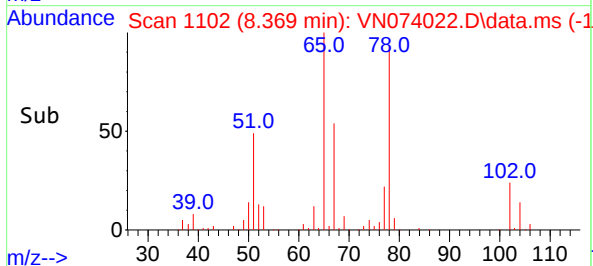
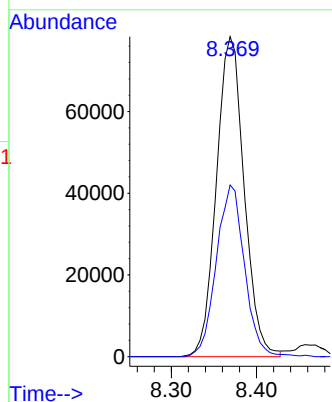
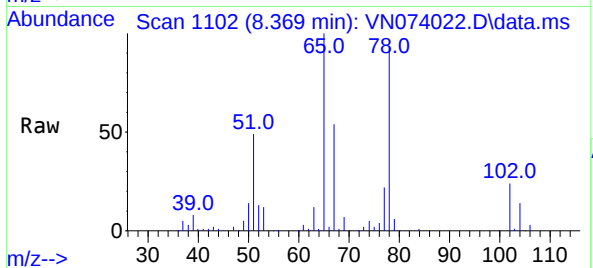




#27
1,2-Dichloroethane-d4
Concen: 28.964 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

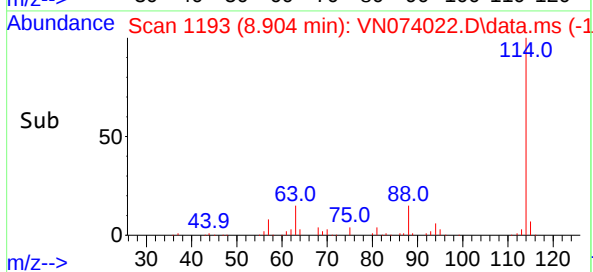
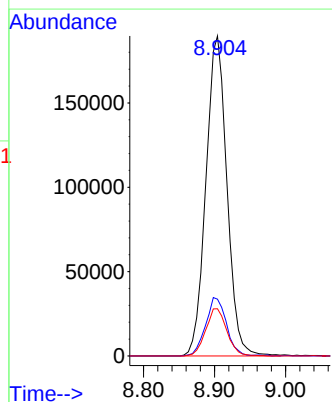
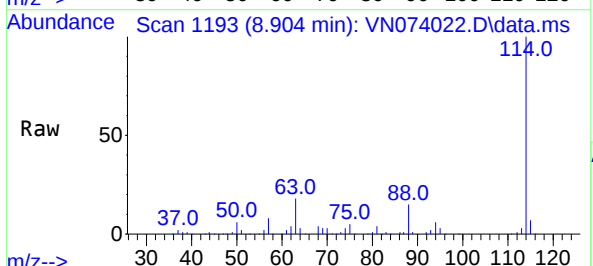
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

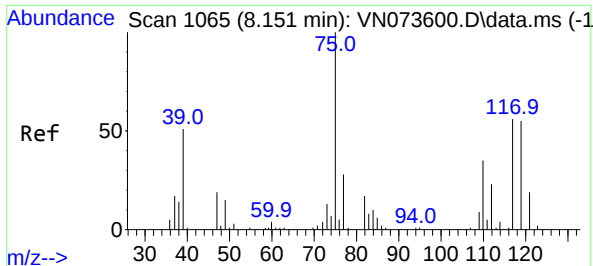
Tgt Ion: 65 Resp: 177400
Ion Ratio Lower Upper
65 100
67 54.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 114 Resp: 390218
Ion Ratio Lower Upper
114 100
63 18.0 15.8 23.6
88 14.9 11.6 17.4

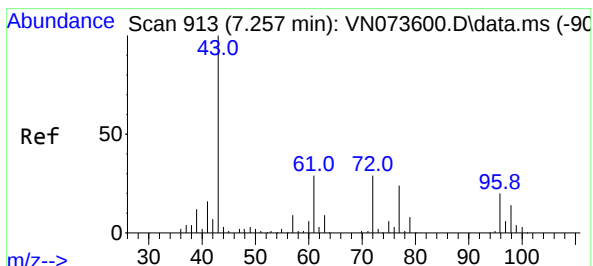
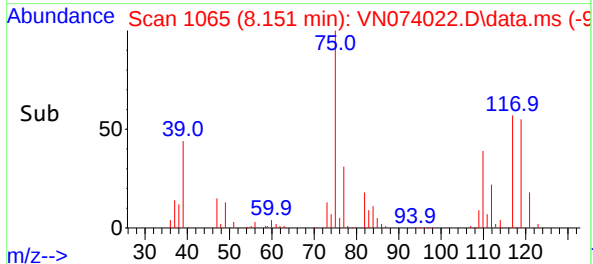
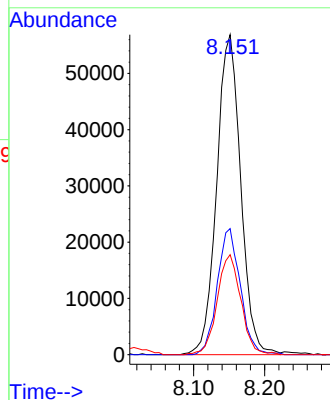
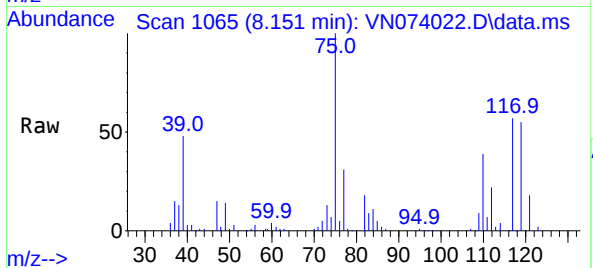




#29
1,1-Dichloropropene
Concen: 18.298 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

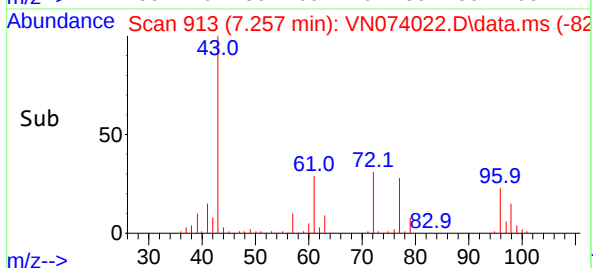
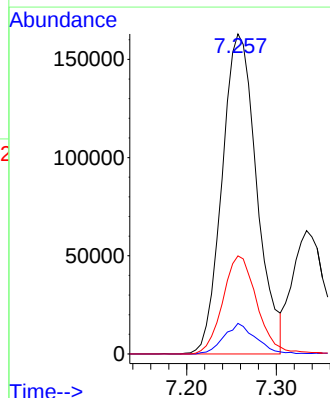
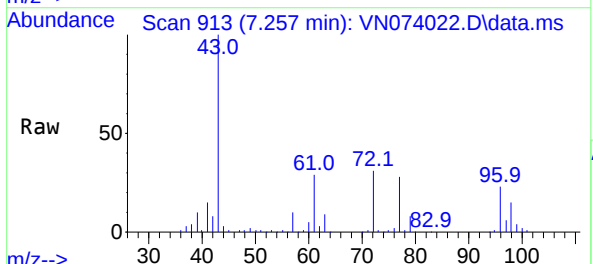
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

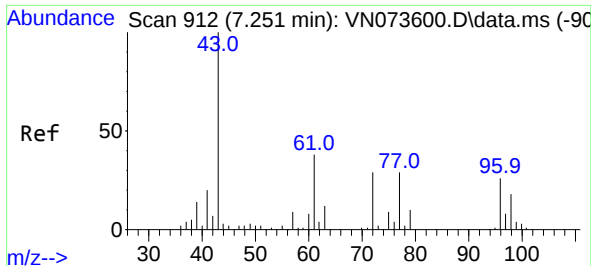
Tgt Ion: 75 Resp: 133417
Ion Ratio Lower Upper
75 100
110 37.7 0.0 74.2
77 30.7 0.0 63.2



#30
2-Butanone
Concen: 86.733 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 43 Resp: 437158
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 19.574 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

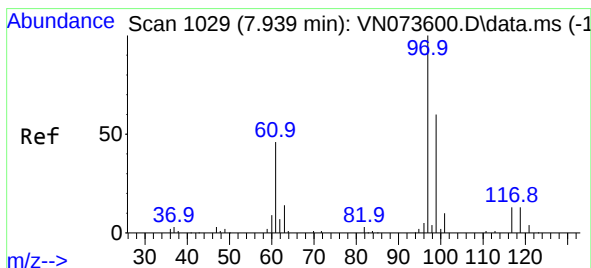
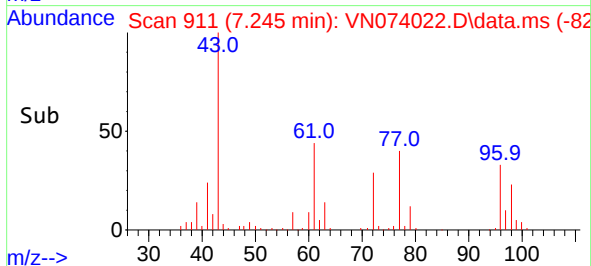
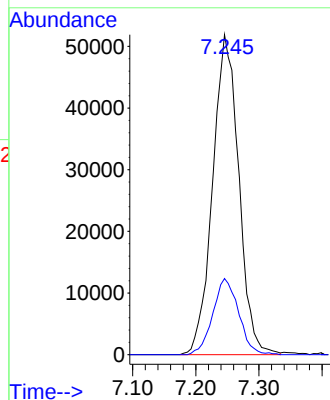
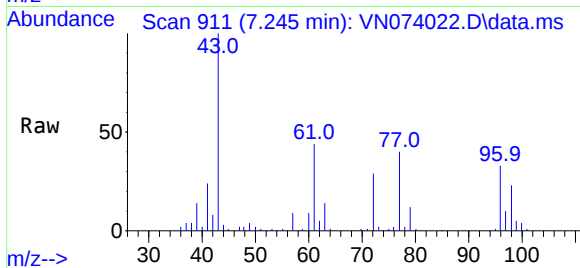
VN0819WBS01

Tgt Ion: 77 Resp: 148923

Ion Ratio Lower Upper

77 100

97 23.4 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.797 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

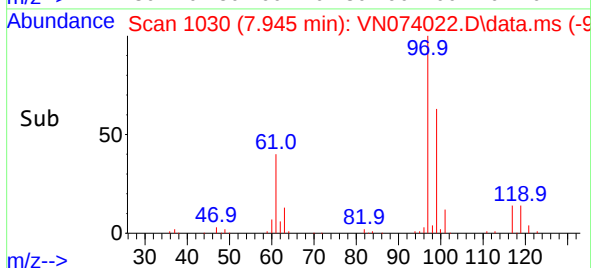
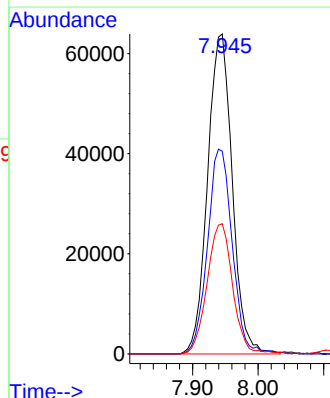
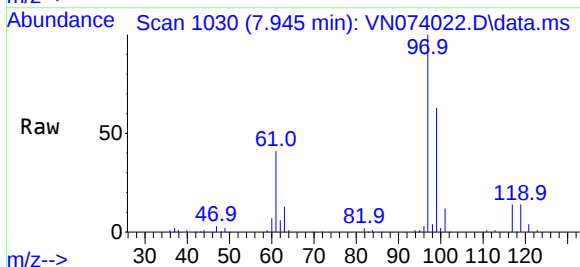
Tgt Ion: 97 Resp: 167070

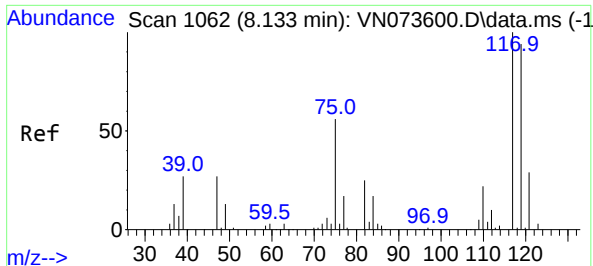
Ion Ratio Lower Upper

97 100

99 63.4 50.4 75.6

61 42.1 34.6 51.8

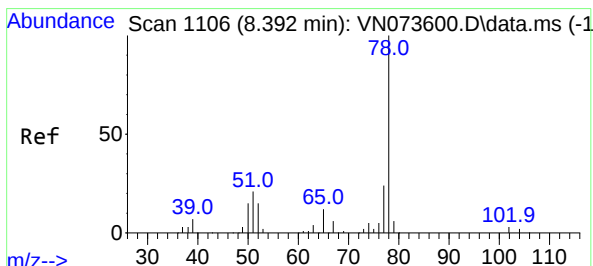
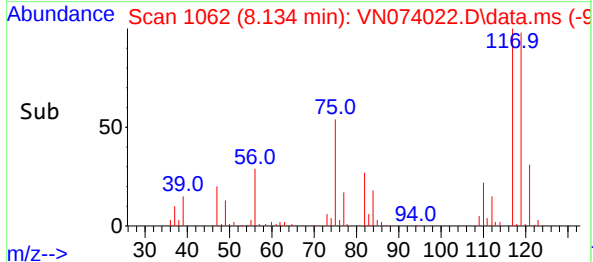
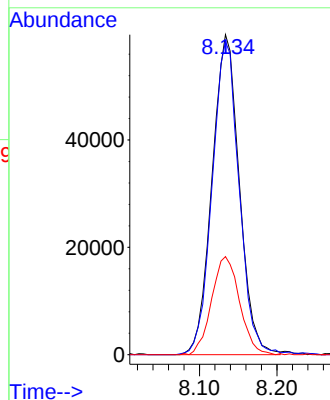
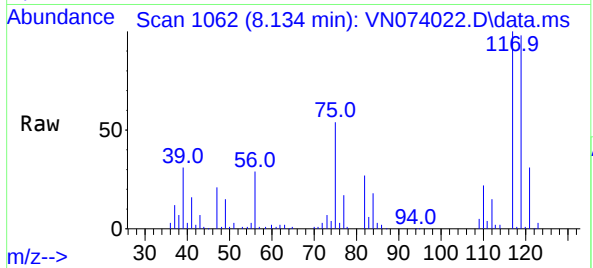




#33
Carbon Tetrachloride
Concen: 20.125 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

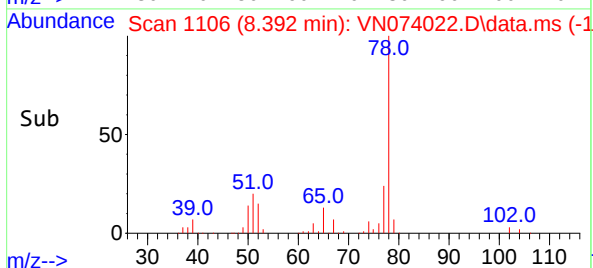
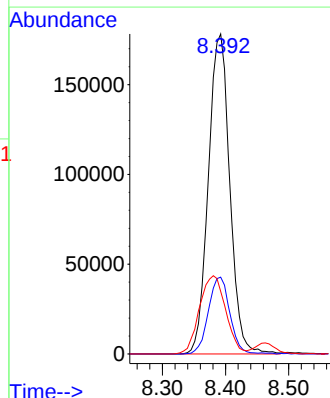
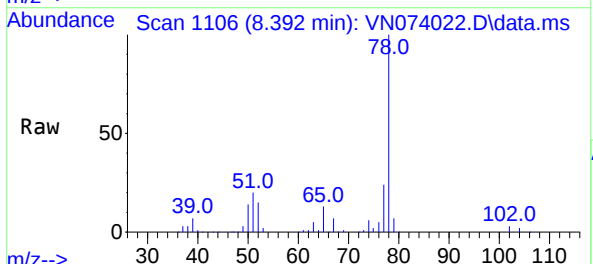
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

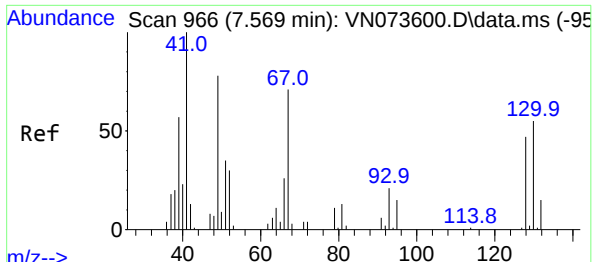
Tgt Ion:117 Resp: 145639
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3
121 30.6 23.5 35.3



#34
Benzene
Concen: 17.825 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 78 Resp: 420566
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 19.2 16.0 24.0



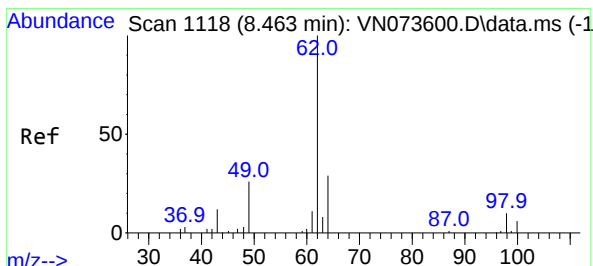
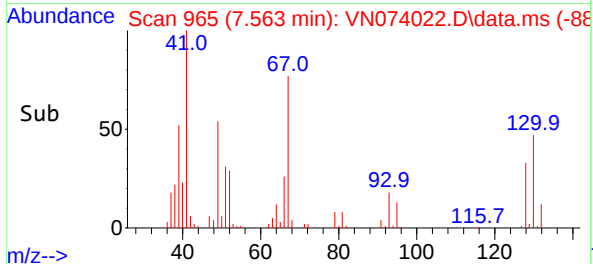
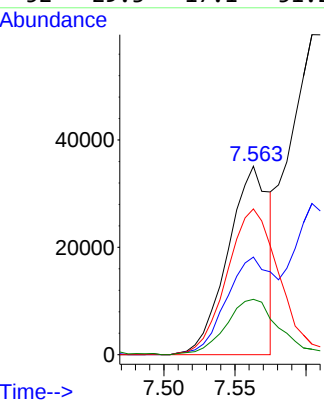
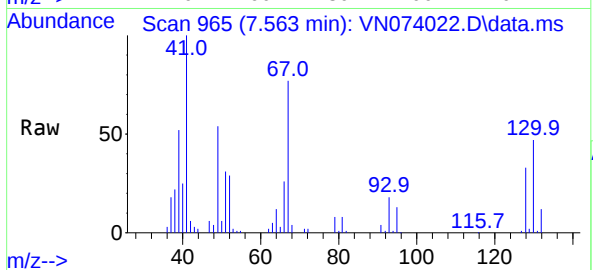


#35
Methacrylonitrile
Concen: 17.429 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

Tgt Ion: 41 Resp: 71311

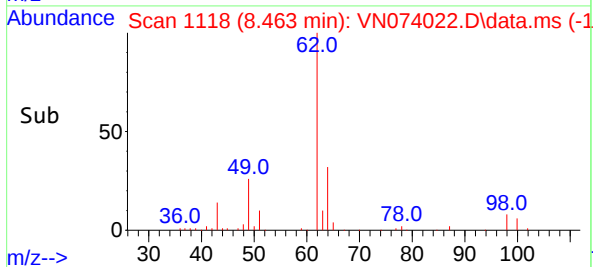
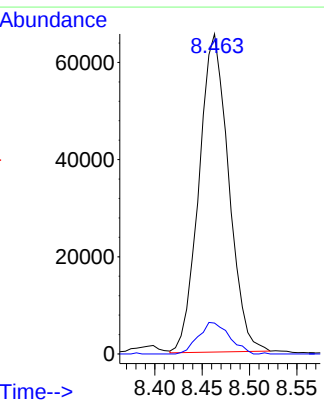
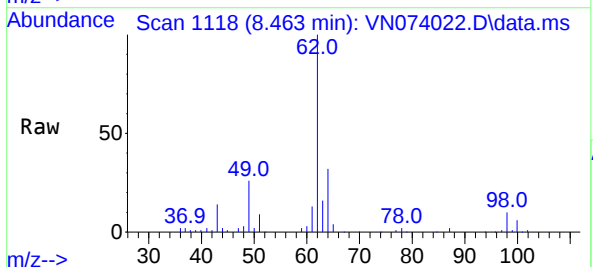
Ion	Ratio	Lower	Upper
41	100		
39	51.8	28.0	83.9
67	77.3	37.7	113.1
52	29.3	17.1	51.2

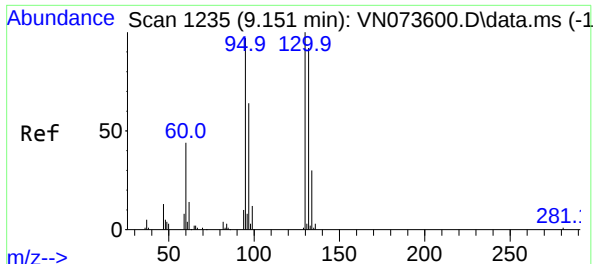


#36
1,2-Dichloroethane
Concen: 18.343 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 62 Resp: 142711

Ion	Ratio	Lower	Upper
62	100		
98	10.4	6.6	10.0#

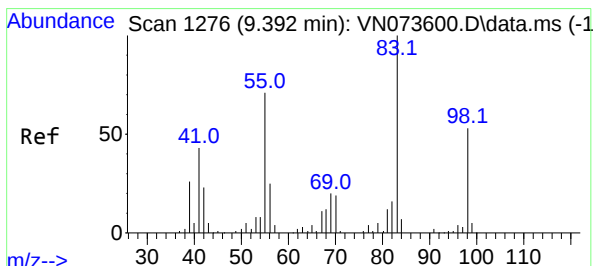
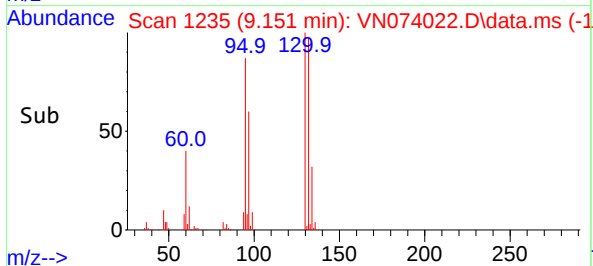
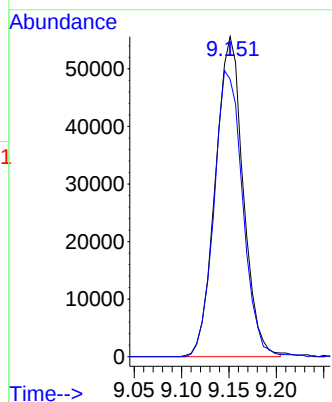
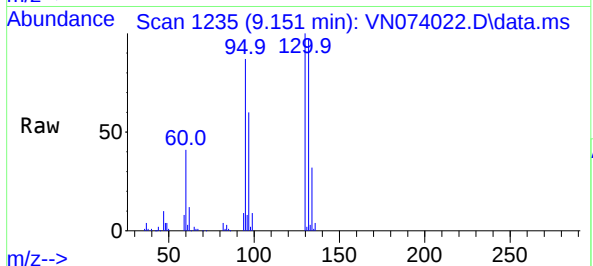




#37
Trichloroethene
Concen: 19.571 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

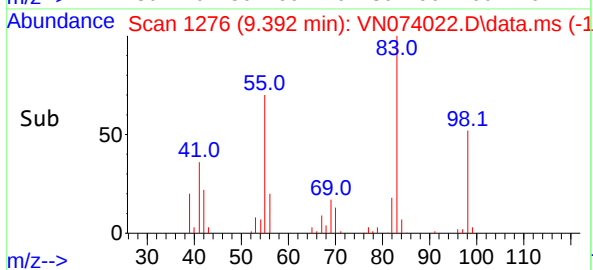
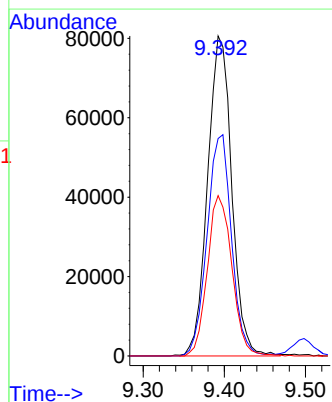
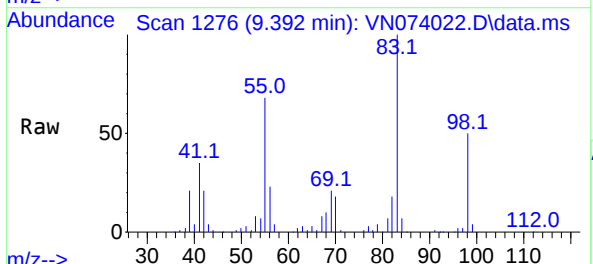
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

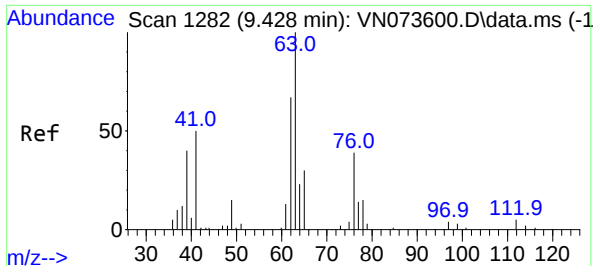
Tgt Ion:130 Resp: 113600
Ion Ratio Lower Upper
130 100
95 86.7 76.6 115.0



#38
Methylcyclohexane
Concen: 18.399 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 83 Resp: 166534
Ion Ratio Lower Upper
83 100
55 70.0 35.1 105.3
98 51.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 17.744 ug/l

RT: 9.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

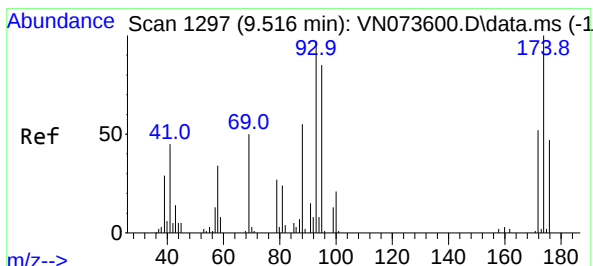
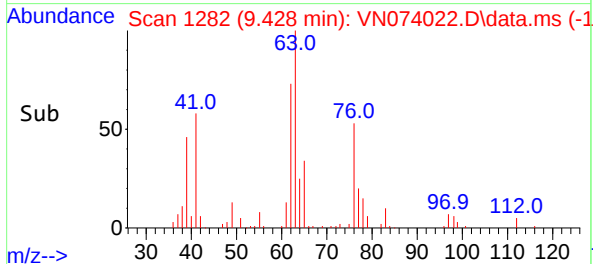
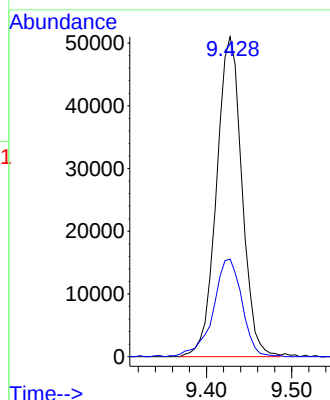
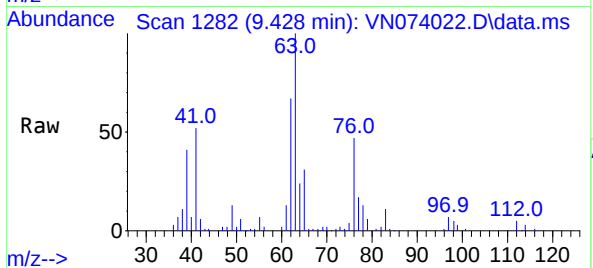
VN0819WBS01

Tgt Ion: 63 Resp: 105615

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.4



#40

Dibromomethane

Concen: 18.996 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

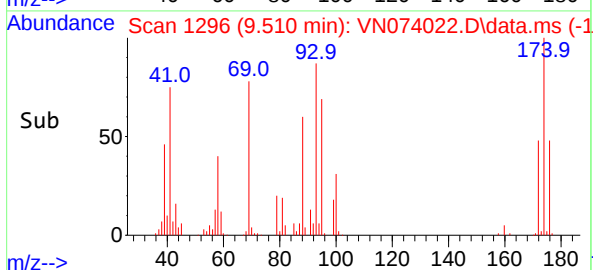
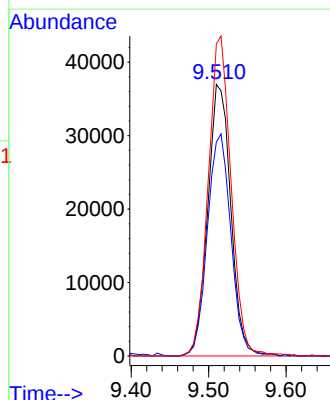
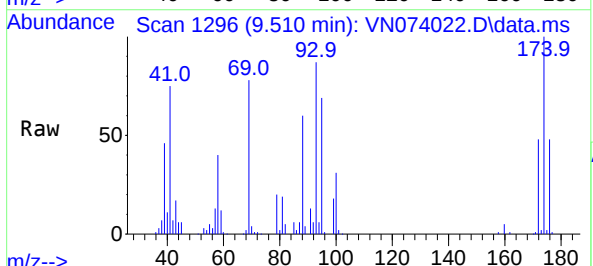
Tgt Ion: 93 Resp: 76726

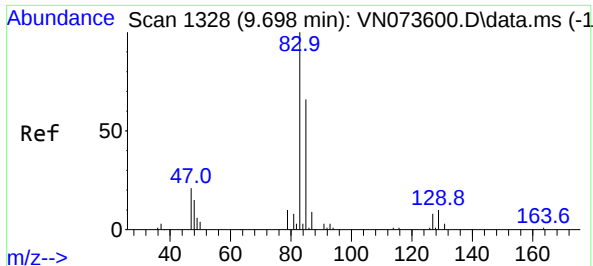
Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.8

174 116.3 0.0 173.6

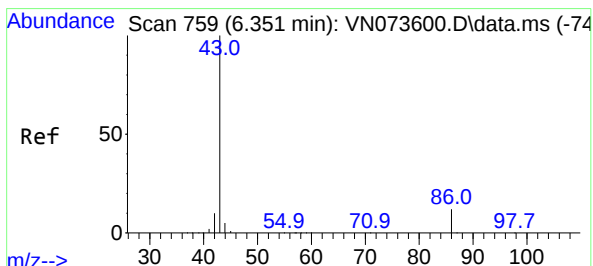
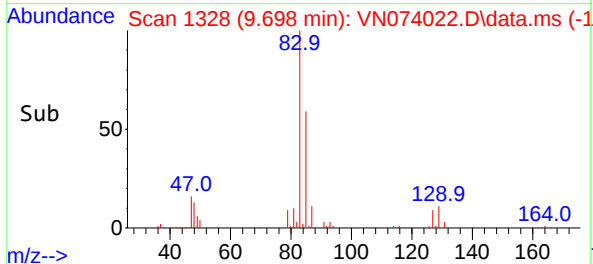
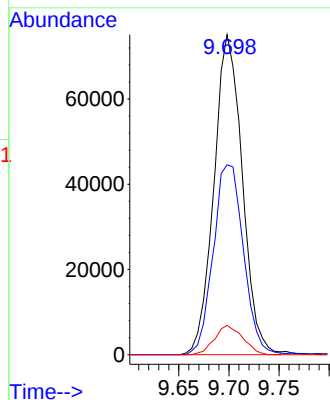
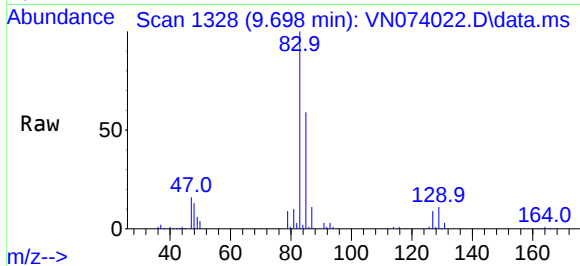




#41
Bromodichloromethane
Concen: 18.653 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

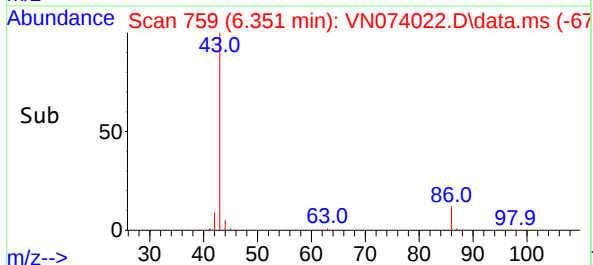
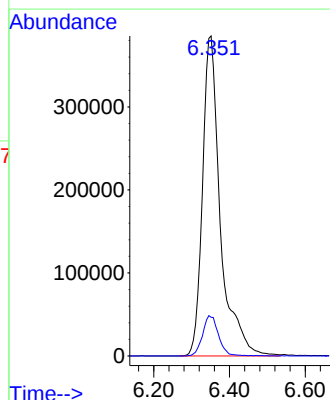
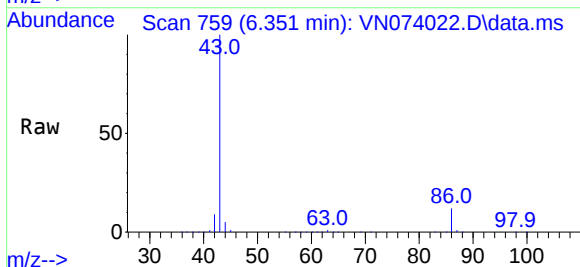
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

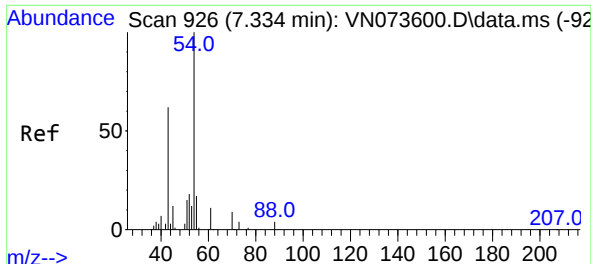
Tgt Ion: 83 Resp: 147479
Ion Ratio Lower Upper
83 100
85 59.4 54.1 81.1
127 9.2 7.6 11.4



#42
Vinyl Acetate
Concen: 86.867 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 43 Resp: 1261649
Ion Ratio Lower Upper
43 100
86 11.2 7.5 11.3

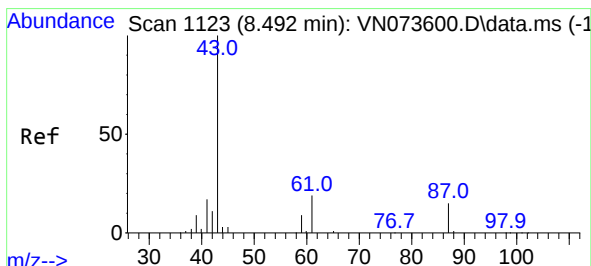
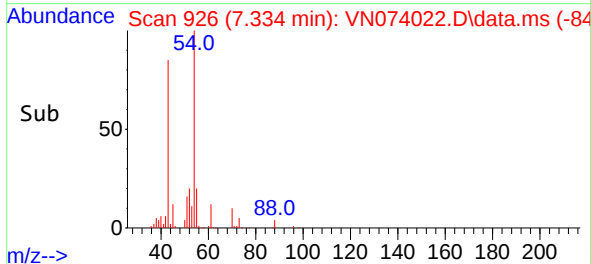
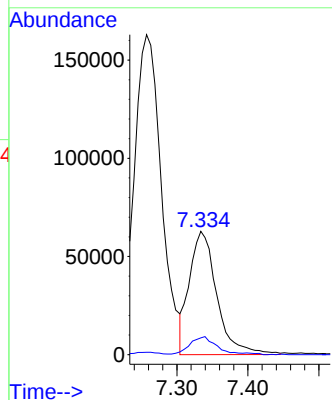
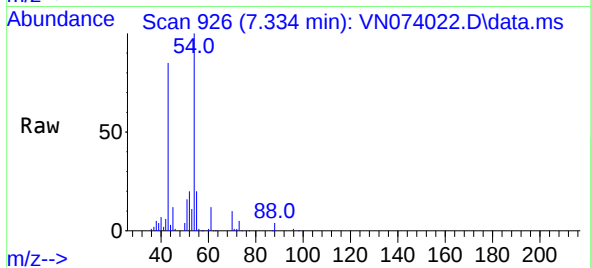




#43
Ethyl Acetate
Concen: 17.637 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

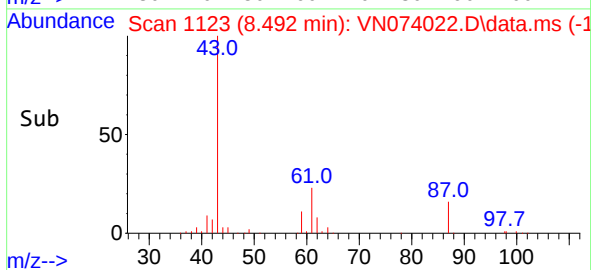
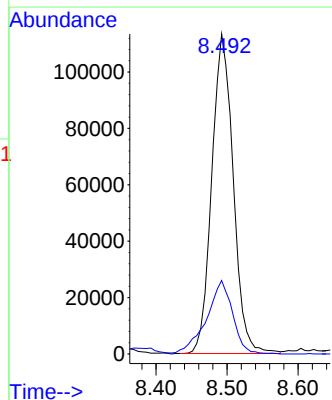
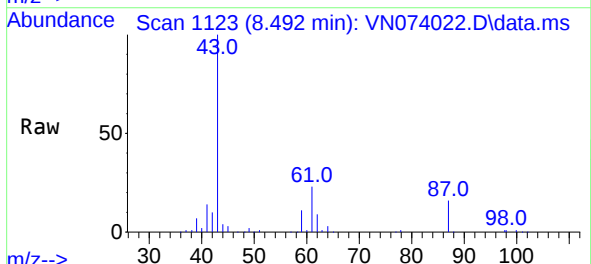
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

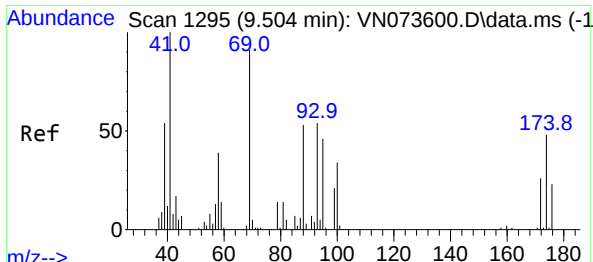
Tgt Ion: 43 Resp: 168758
Ion Ratio Lower Upper
43 100
45 12.9 10.6 16.0



#44
Isopropyl Acetate
Concen: 17.856 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 43 Resp: 237592
Ion Ratio Lower Upper
43 100
61 27.3 20.1 30.1

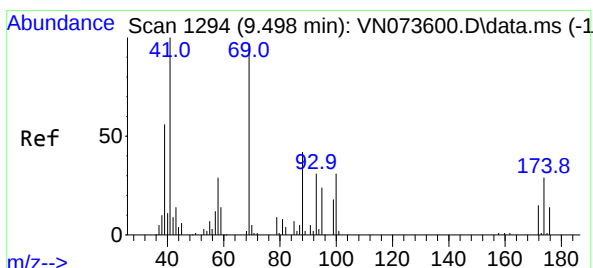
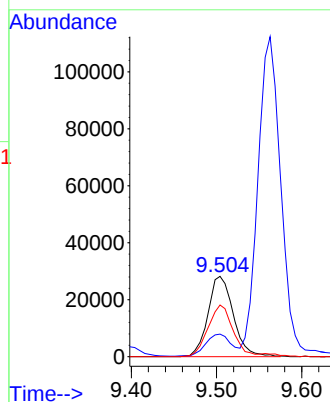
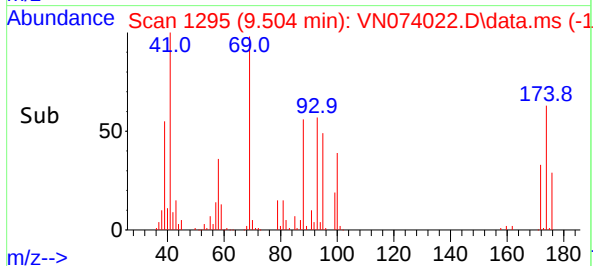
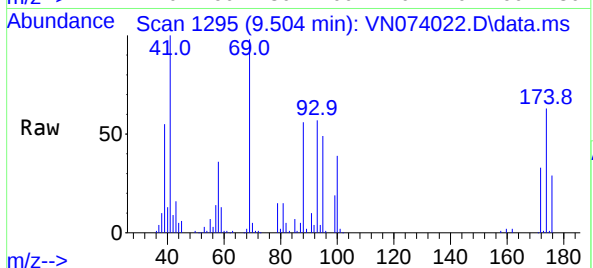




#45
1,4-Dioxane
Concen: 367.670 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

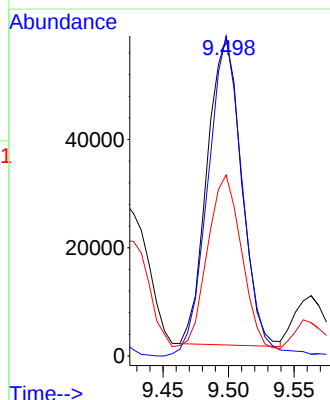
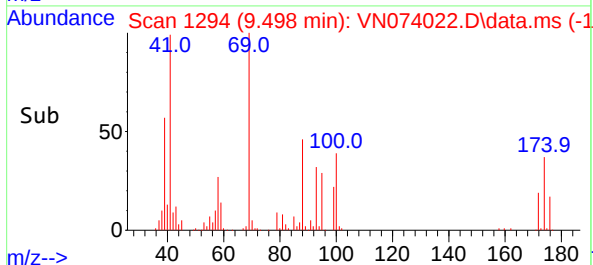
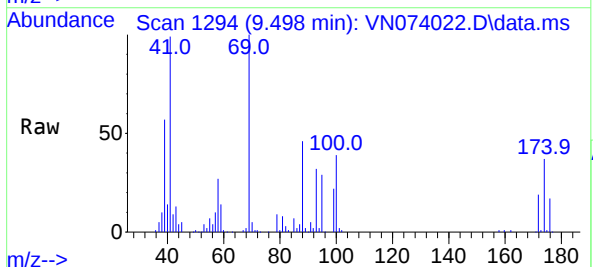
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

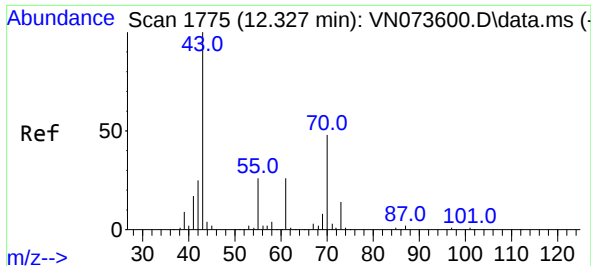
Tgt Ion: 88 Resp: 58335
Ion Ratio Lower Upper
88 100
43 26.9 25.0 37.6
58 62.9 49.4 74.2



#46
Methyl methacrylate
Concen: 17.325 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 41 Resp: 103091
Ion Ratio Lower Upper
41 100
69 102.8 44.4 133.2
39 56.7 39.9 119.6

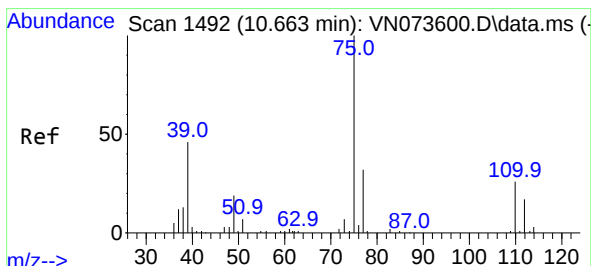
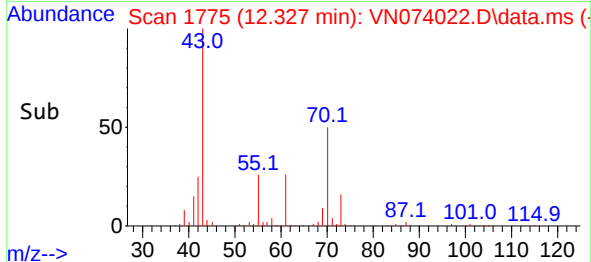
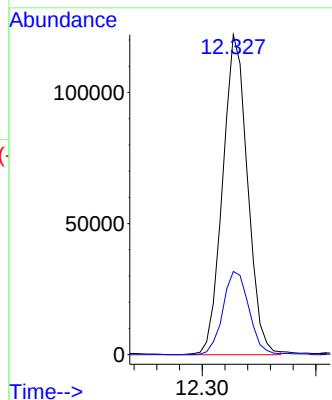
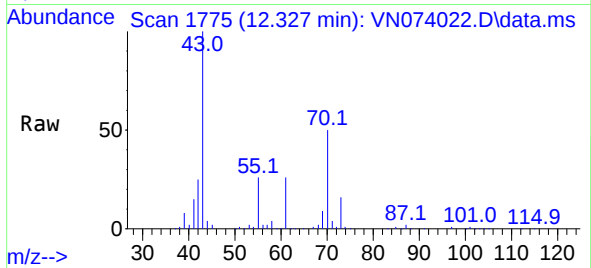




#47
n-amy1 Acetate
Concen: 17.502 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

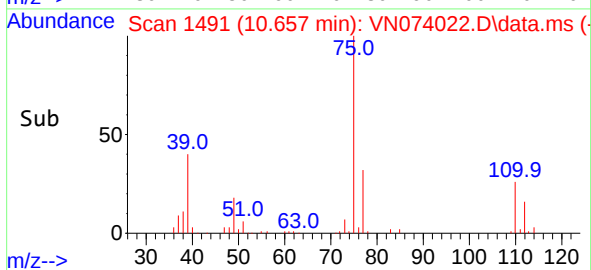
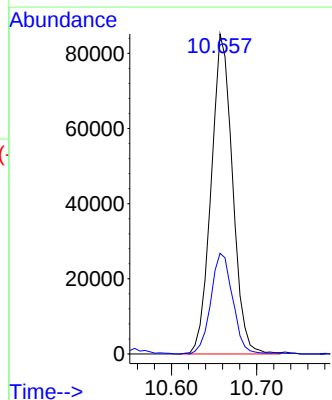
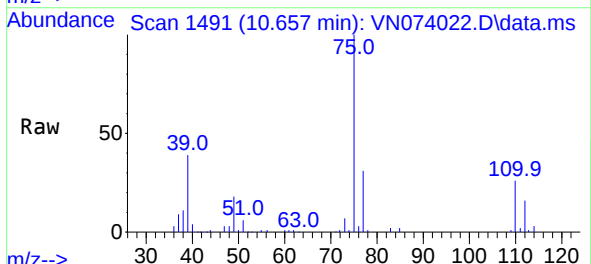
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

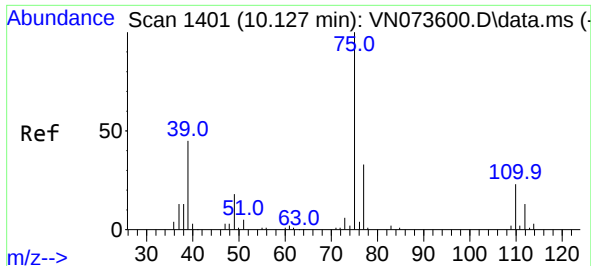
Tgt Ion: 43 Resp: 185668
Ion Ratio Lower Upper
43 100
55 27.2 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.239 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 75 Resp: 148459
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.056 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

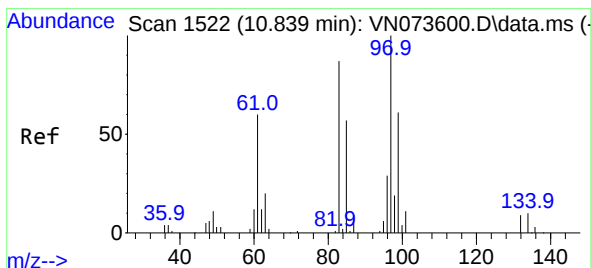
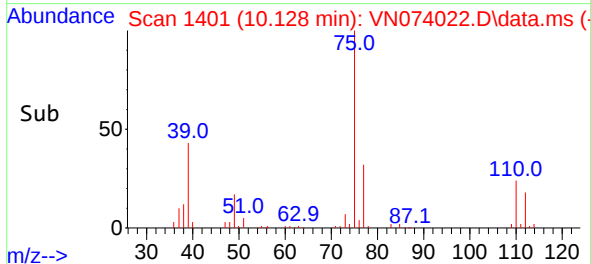
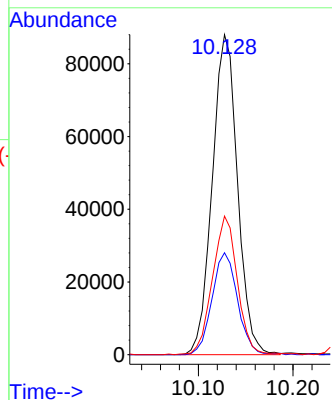
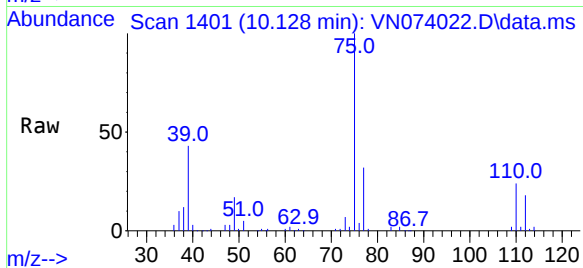
Tgt Ion: 75 Resp: 163185

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 43.1 46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 18.772 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN074022.D

Acq: 19 Aug 2022 13:21

Tgt Ion: 97 Resp: 113752

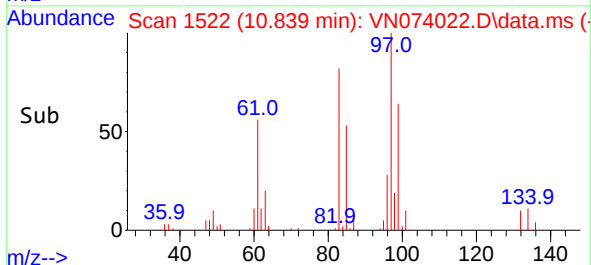
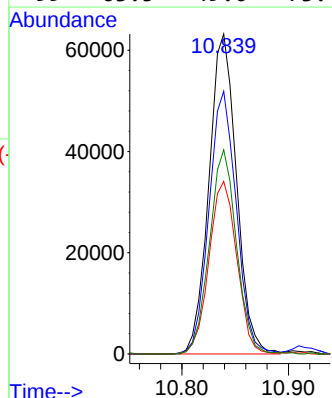
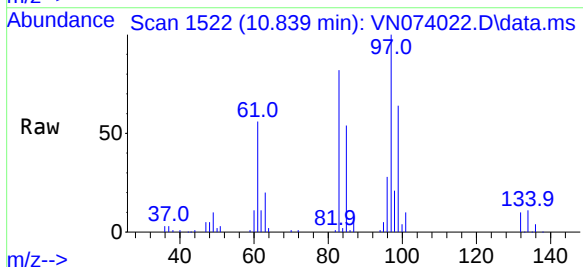
Ion Ratio Lower Upper

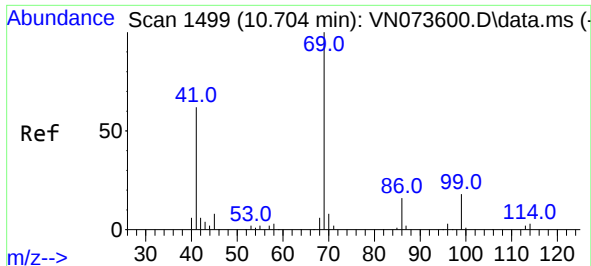
97 100

83 81.7 67.2 100.8

85 53.6 43.0 64.4

99 63.5 49.0 73.4

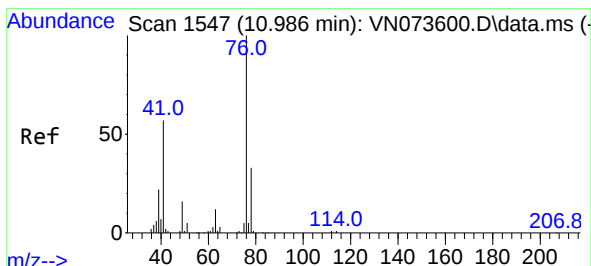
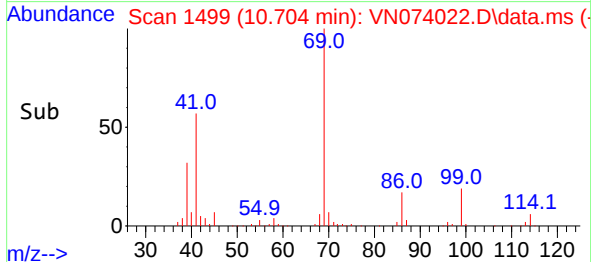
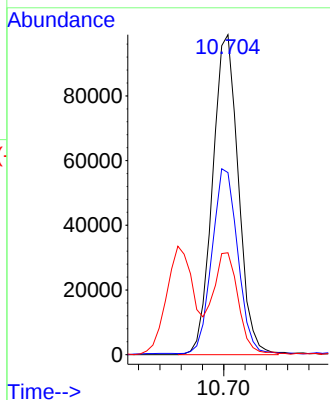
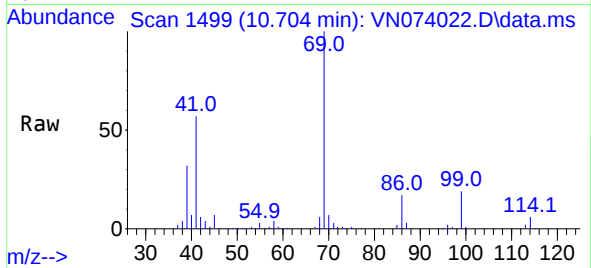




#51
Ethyl methacrylate
Concen: 18.226 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

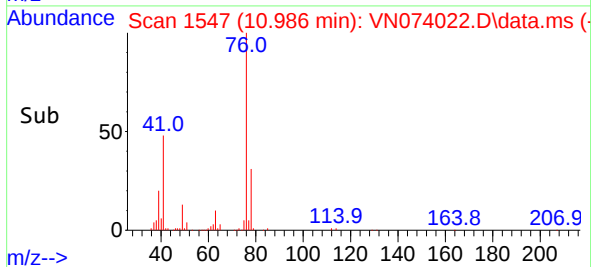
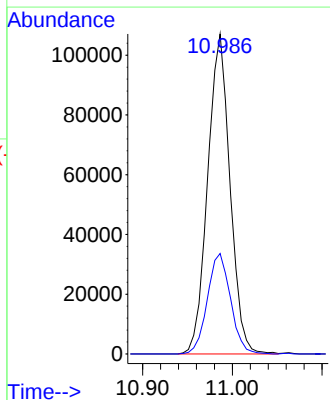
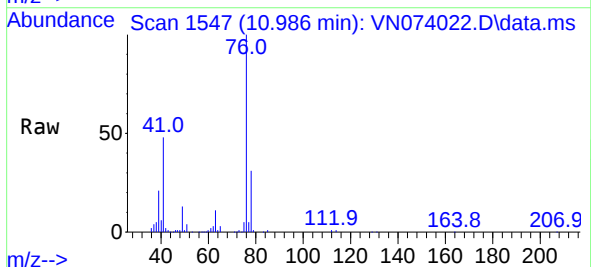
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

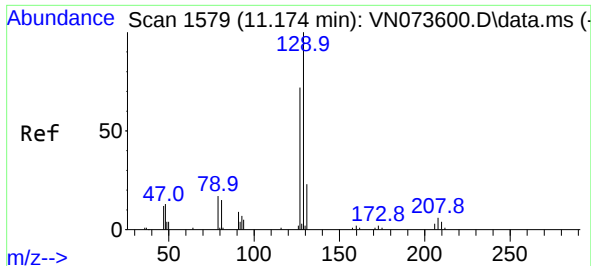
Tgt Ion: 69 Resp: 166040
Ion Ratio Lower Upper
69 100
41 56.4 33.0 98.9
39 31.5 25.4 76.4



#52
1,3-Dichloropropane
Concen: 18.108 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 76 Resp: 184950
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4

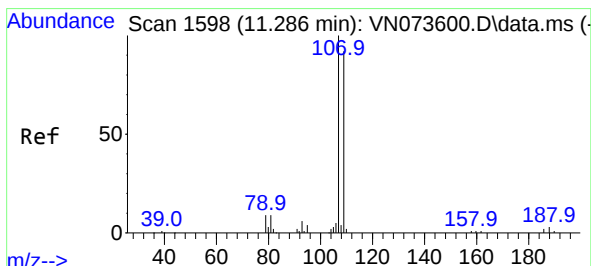
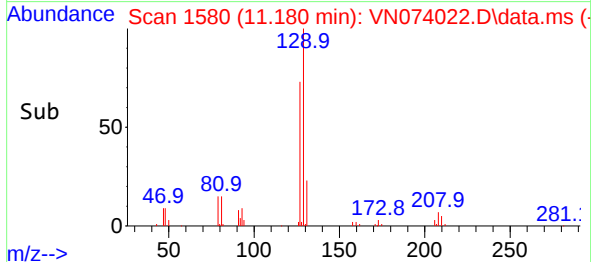
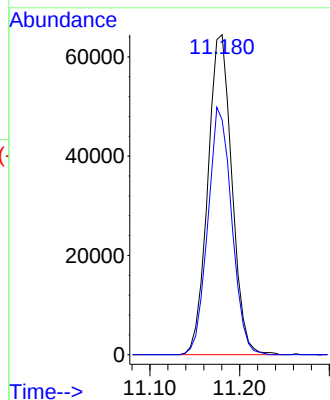
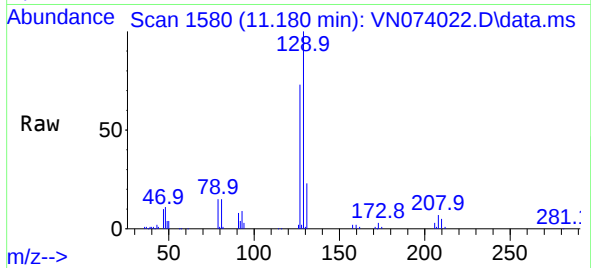




#53
Dibromochloromethane
Concen: 19.615 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

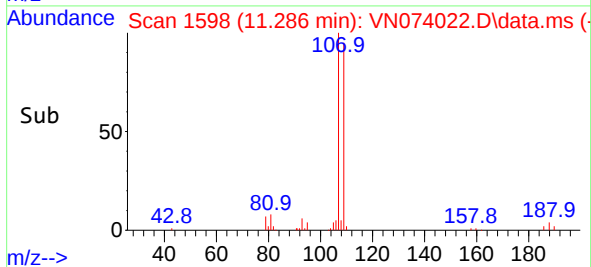
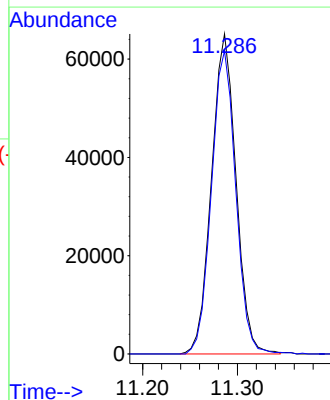
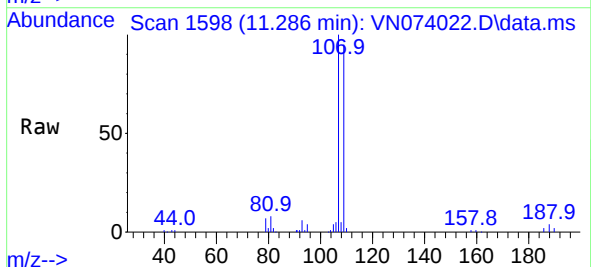
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

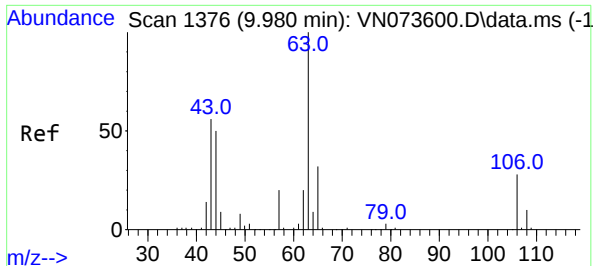
Tgt Ion:129 Resp: 120456
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 18.918 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:107 Resp: 116824
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2

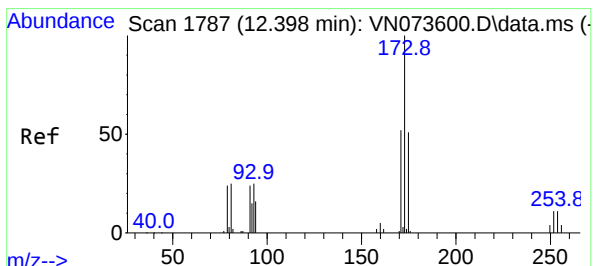
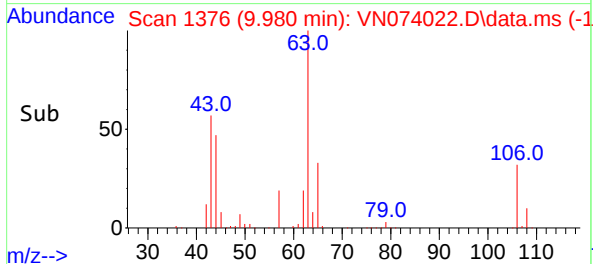
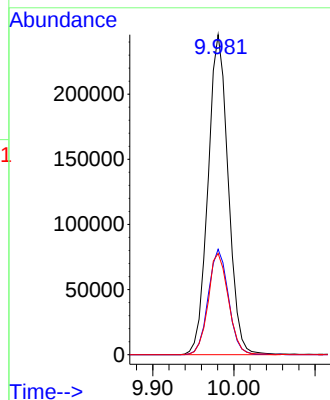
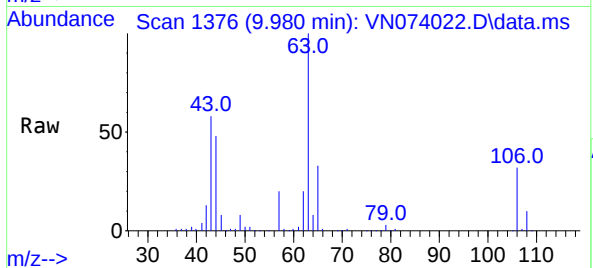




#55
2-Chloroethyl vinyl ether
Concen: 103.953 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

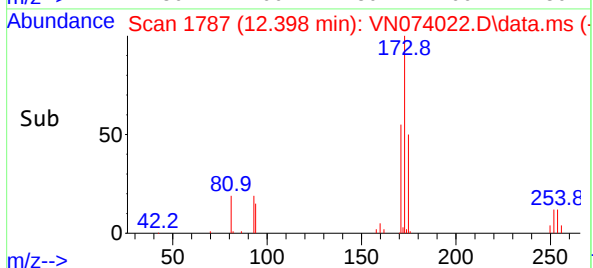
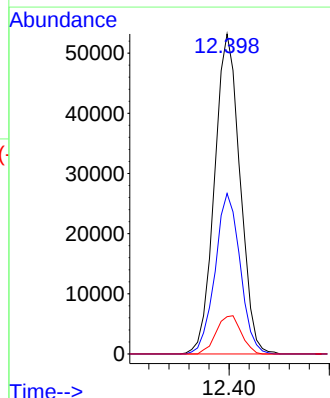
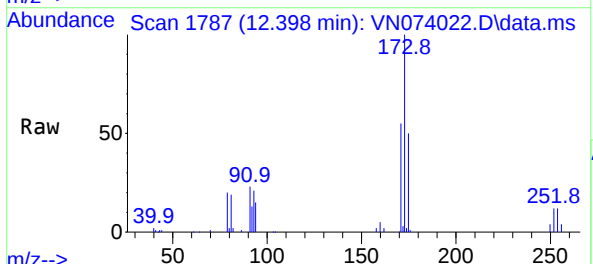
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

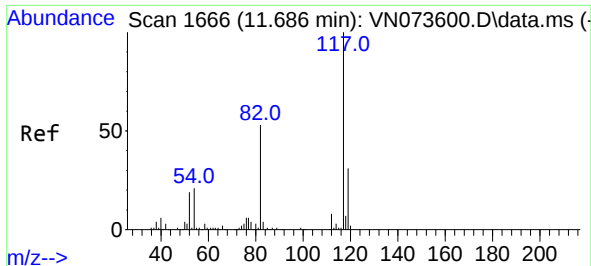
Tgt Ion: 63 Resp: 424747
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.0
106 31.7 23.2 34.8



#56
Bromoform
Concen: 19.445 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

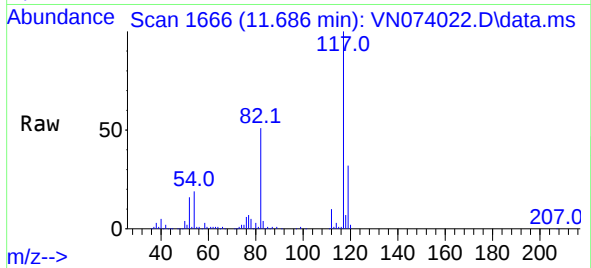
Tgt Ion: 173 Resp: 93838
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 11.8 0.0 0.0#



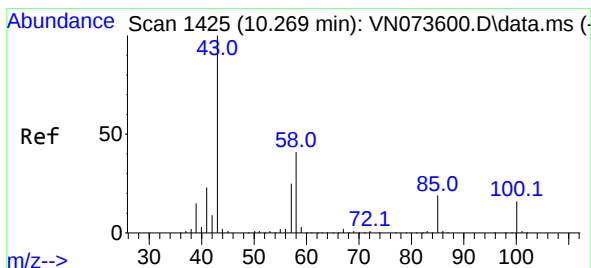
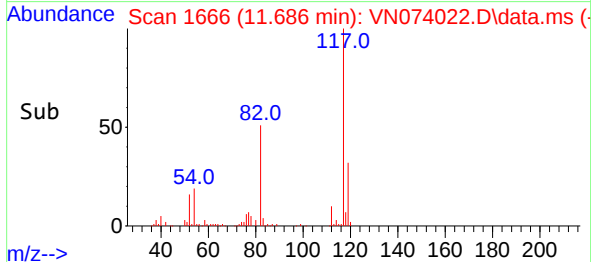
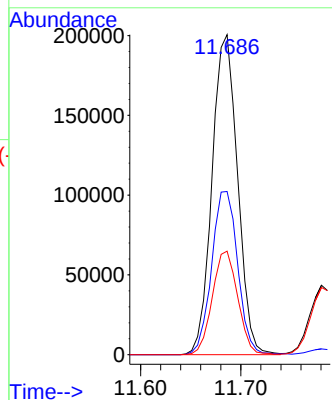


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

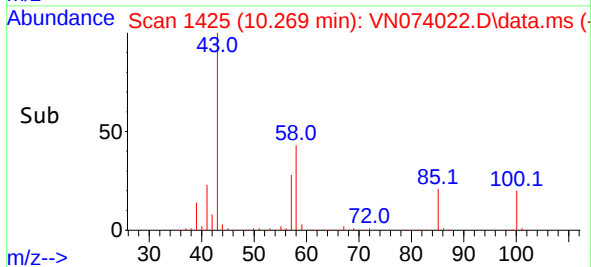
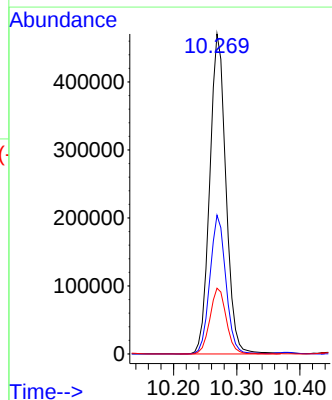
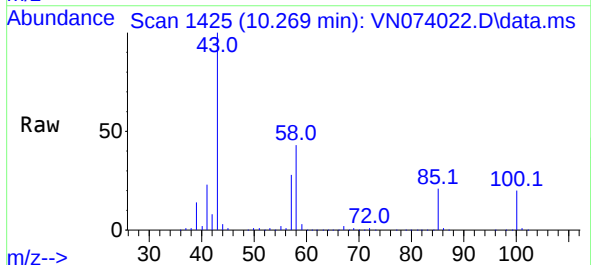


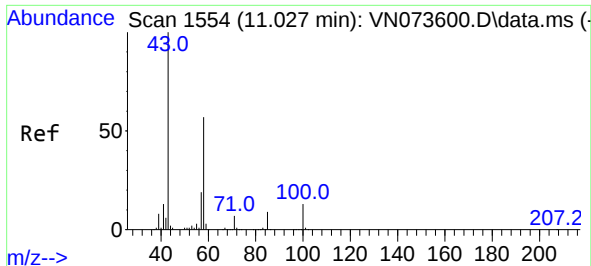
Tgt Ion: 117 Resp: 355221
Ion Ratio Lower Upper
117 100
82 52.1 43.6 65.4
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 91.295 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 43 Resp: 838548
Ion Ratio Lower Upper
43 100
58 42.7 30.0 45.0
85 20.6 15.0 22.6

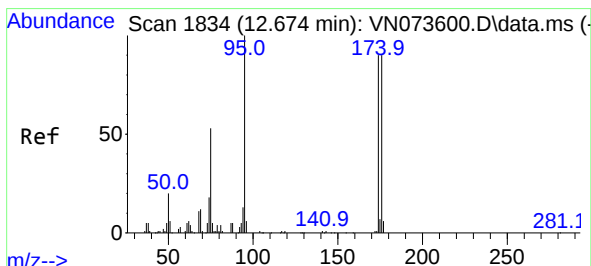
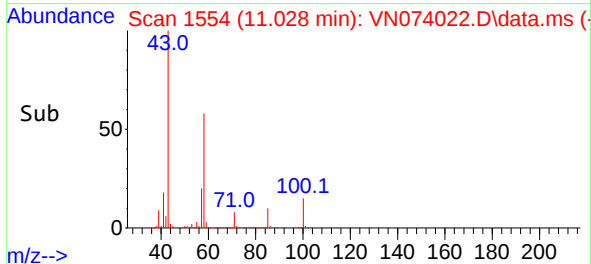
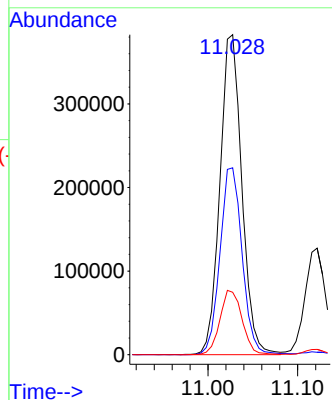
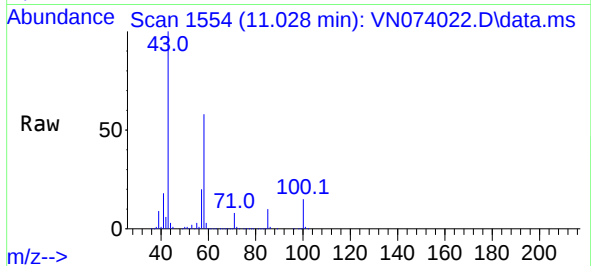




#59
2-Hexanone
Concen: 91.801 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

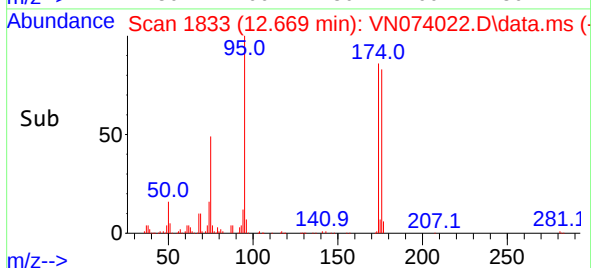
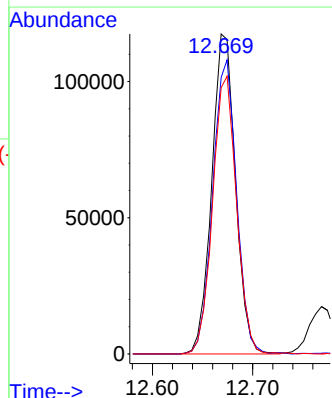
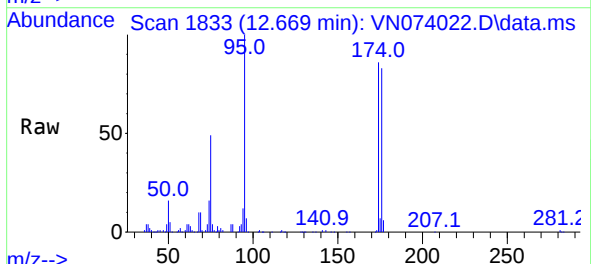
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

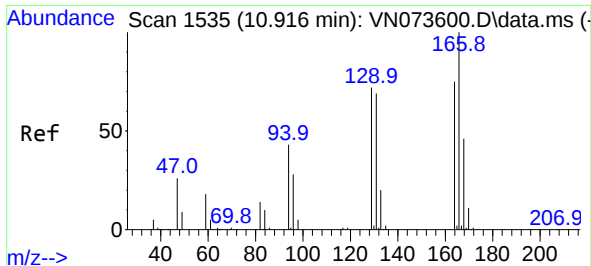
Tgt Ion: 43 Resp: 649461
Ion Ratio Lower Upper
43 100
58 59.2 42.2 63.2
57 20.4 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.713 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 95 Resp: 193177
Ion Ratio Lower Upper
95 100
174 92.2 62.9 94.3
176 87.3 61.0 91.4

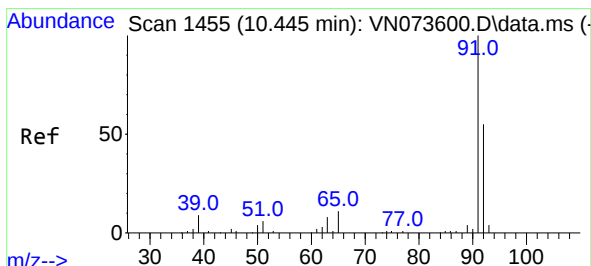
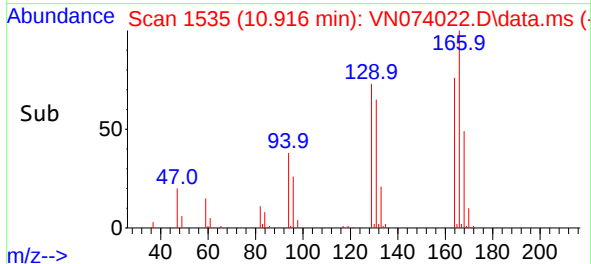
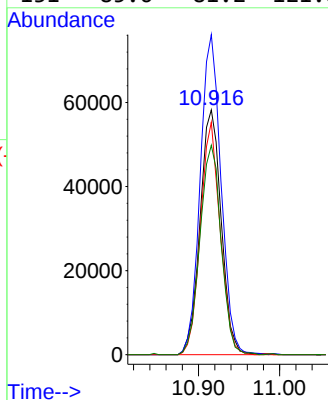
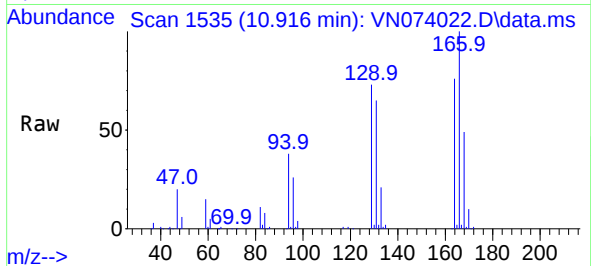




#61
Tetrachloroethene
Concen: 19.419 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

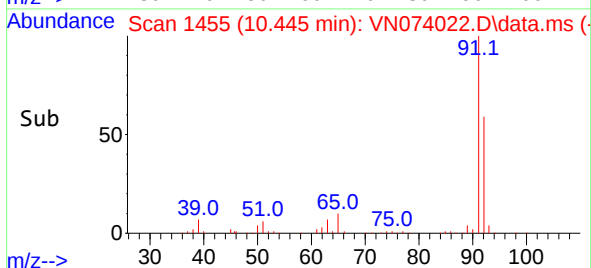
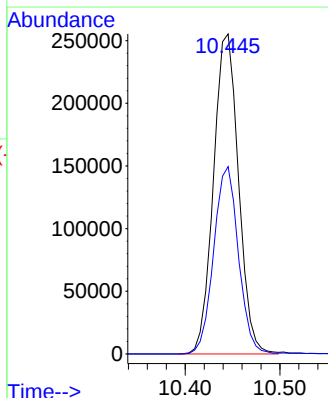
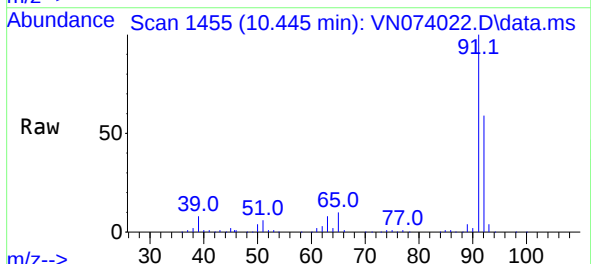
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

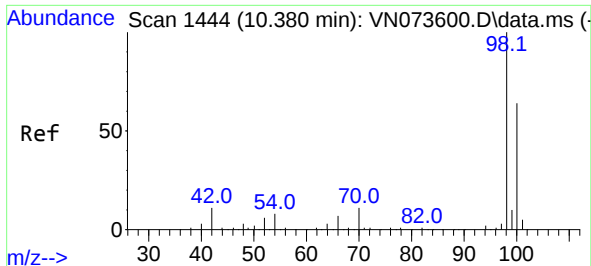
Tgt Ion:164 Resp: 105659
Ion Ratio Lower Upper
164 100
166 130.7 105.8 158.8
129 95.0 82.5 123.7
131 85.6 81.2 121.8



#62
Toluene
Concen: 18.999 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 91 Resp: 469328
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0

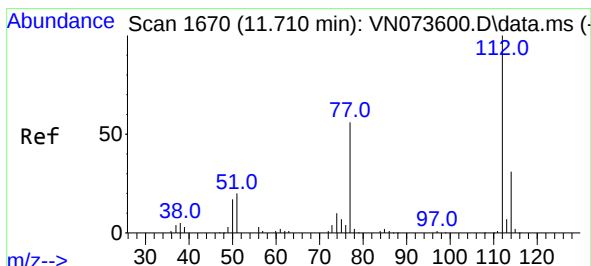
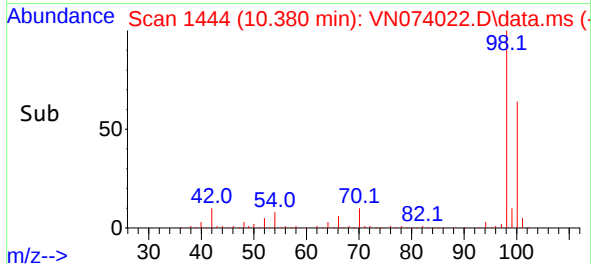
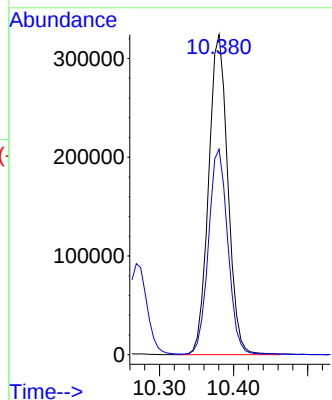
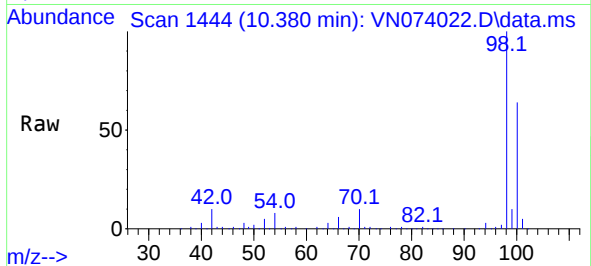




#63
Toluene-d8
Concen: 29.263 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

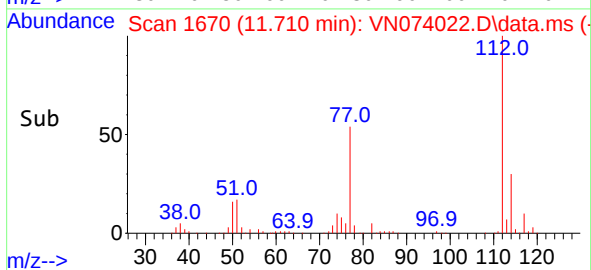
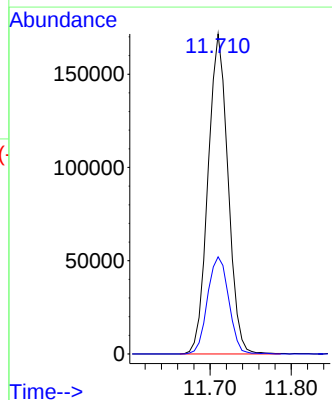
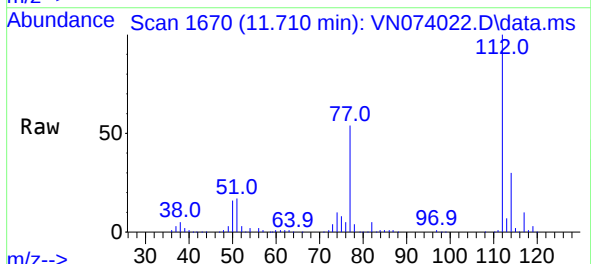
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

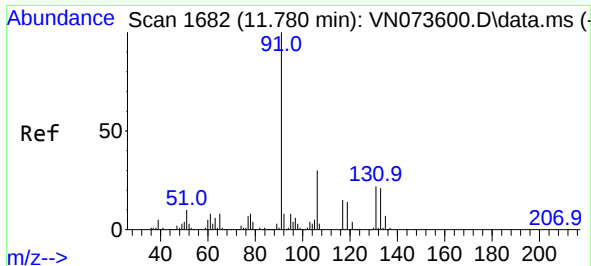
Tgt Ion: 98 Resp: 585307
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0



#64
Chlorobenzene
Concen: 19.875 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 112 Resp: 293334
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.6

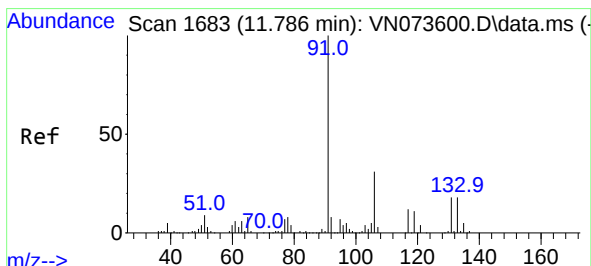
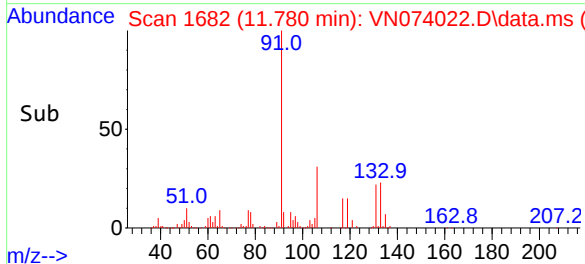
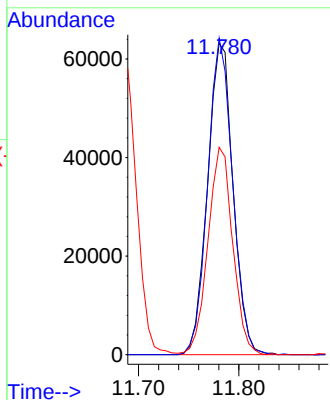
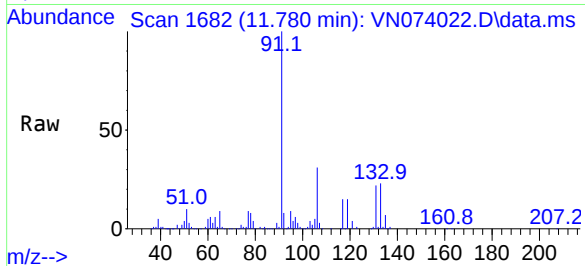




#65
1,1,1,2-Tetrachloroethane
Concen: 20.386 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

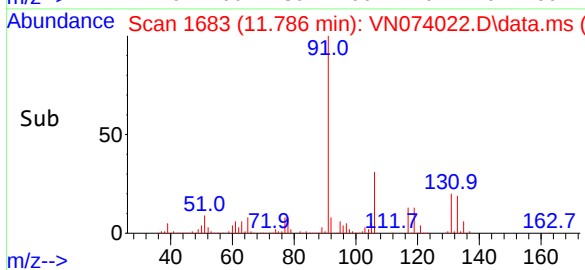
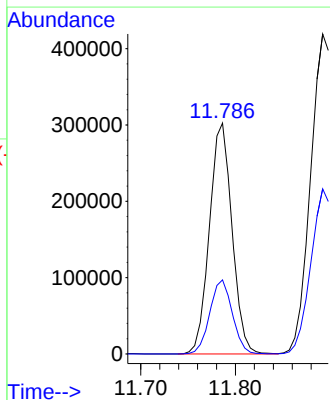
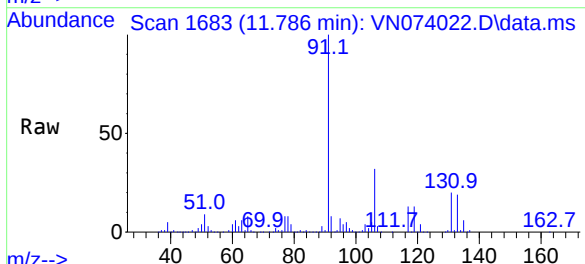
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

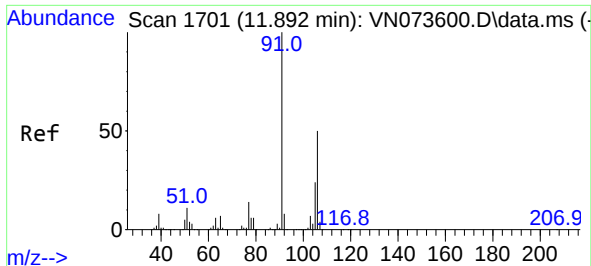
Tgt Ion:131 Resp: 111688
Ion Ratio Lower Upper
131 100
133 99.1 0.0 191.2
119 64.6 0.0 128.8



#66
Ethyl Benzene
Concen: 18.976 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 91 Resp: 501136
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0

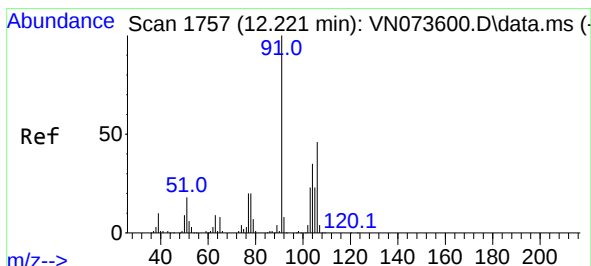
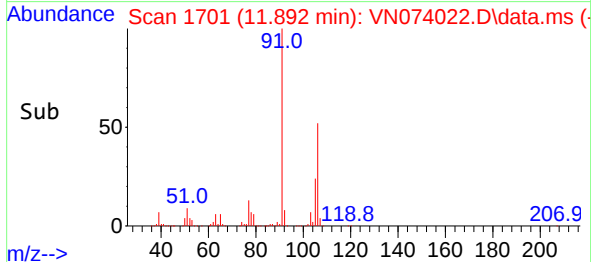
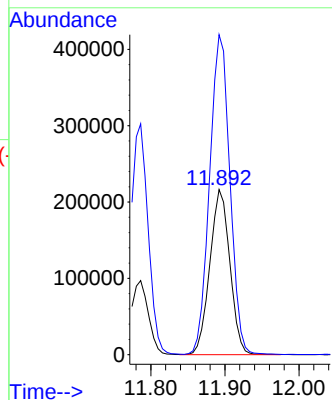
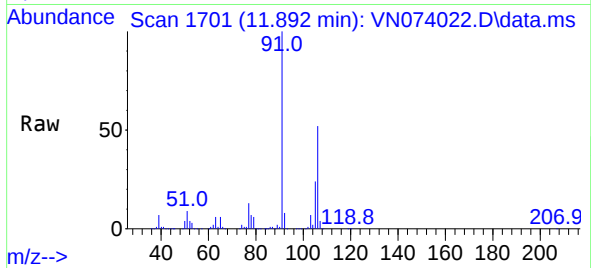




#67
m/p-Xylenes
Concen: 40.231 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

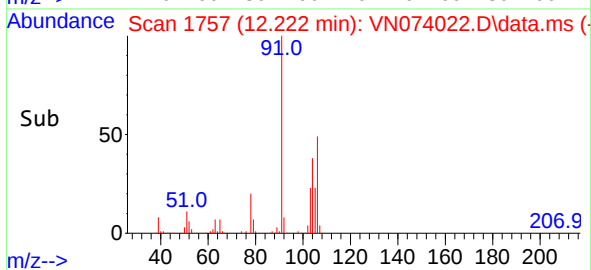
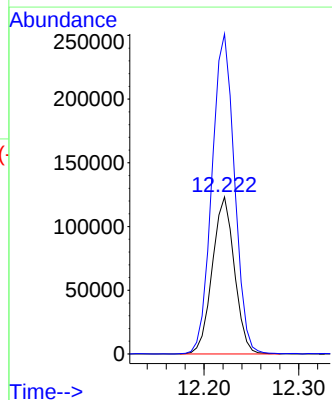
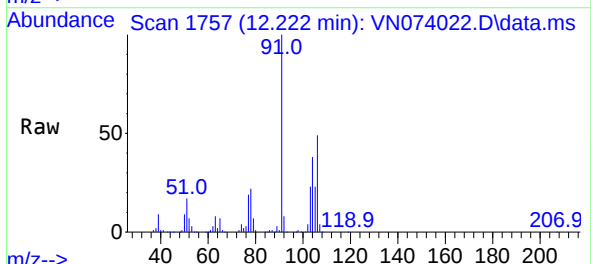
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

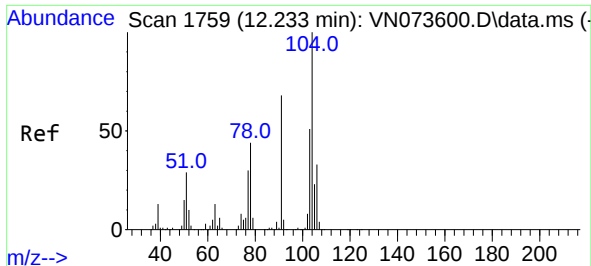
Tgt Ion:106 Resp: 406089
Ion Ratio Lower Upper
106 100
91 196.4 162.9 244.3



#68
o-Xylene
Concen: 19.905 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:106 Resp: 199563
Ion Ratio Lower Upper
106 100
91 208.0 107.7 323.1

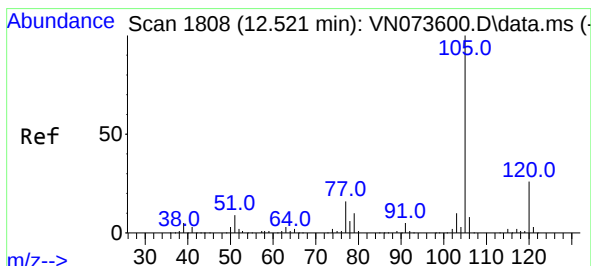
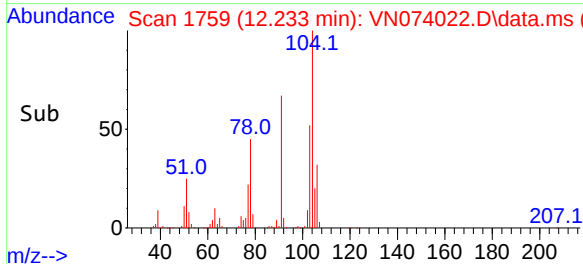
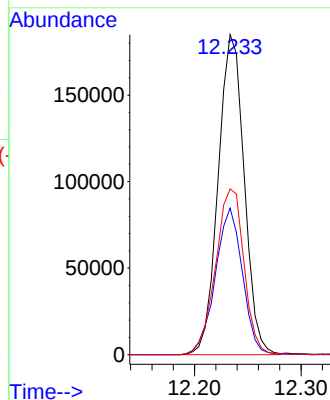
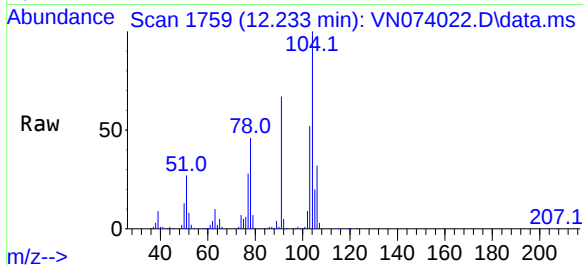




#69
Styrene
Concen: 18.991 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

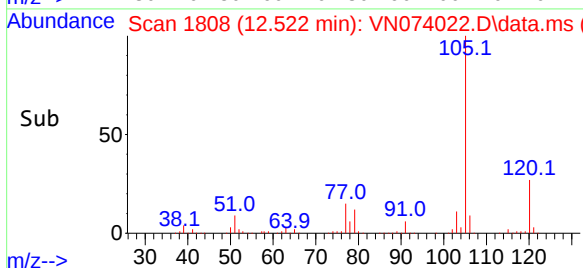
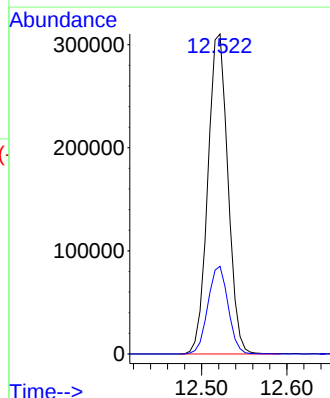
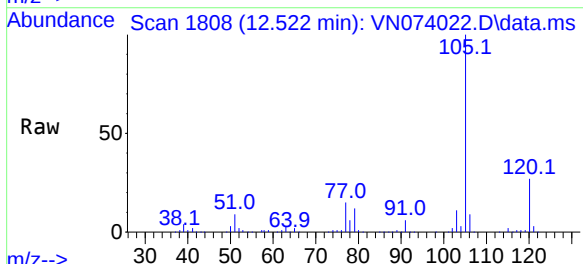
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

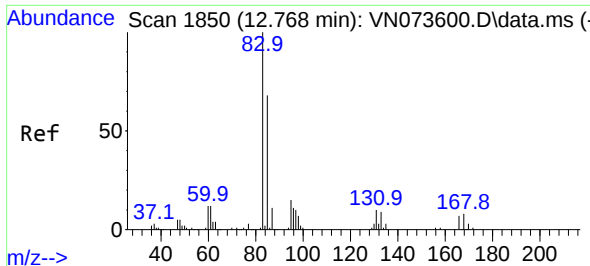
Tgt Ion:104 Resp: 313811
Ion Ratio Lower Upper
104 100
78 47.7 40.7 61.1
103 56.4 45.8 68.8



#70
Isopropylbenzene
Concen: 19.808 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:105 Resp: 507723
Ion Ratio Lower Upper
105 100
120 27.6 18.3 34.1

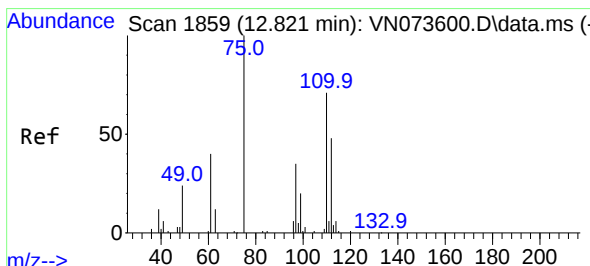
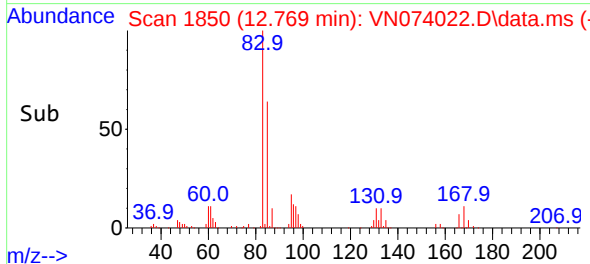
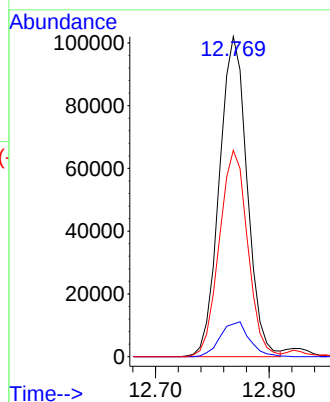
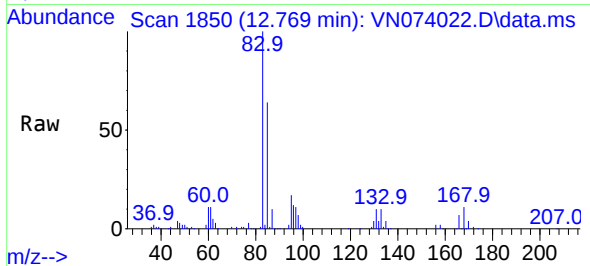




#71
1,1,2,2-Tetrachloroethane
Concen: 19.241 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

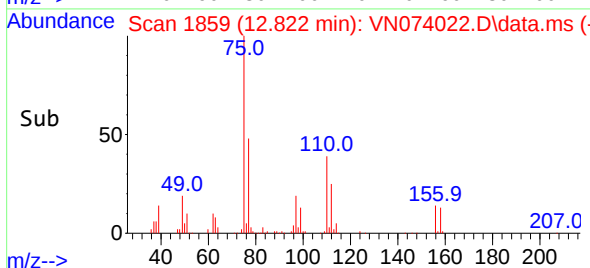
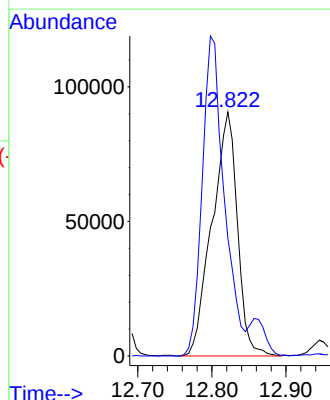
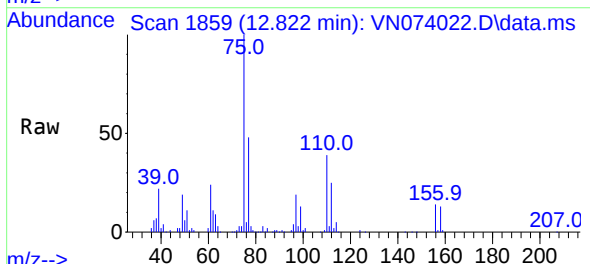
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

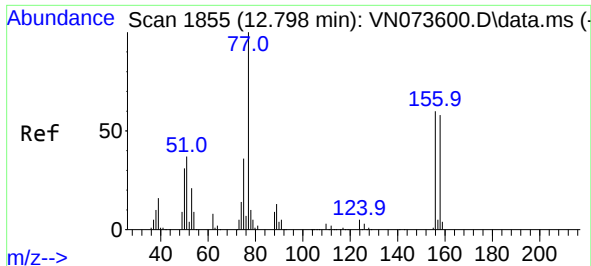
Tgt Ion: 83 Resp: 173415
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 65.7 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 28.614 ug/l
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 75 Resp: 215382
Ion Ratio Lower Upper
75 100
77 114.3 0.0 378.0

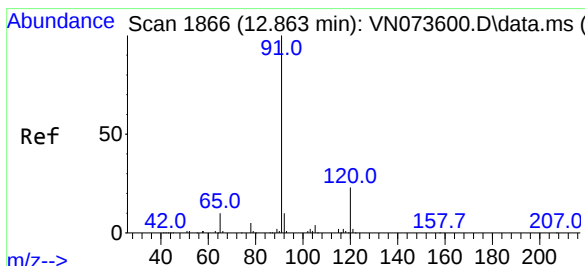
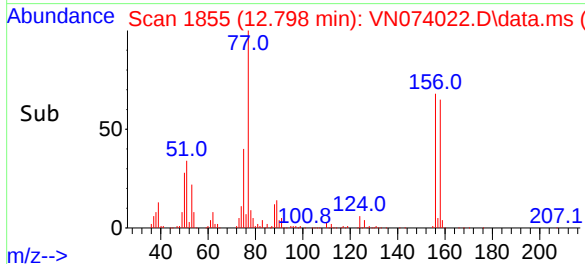
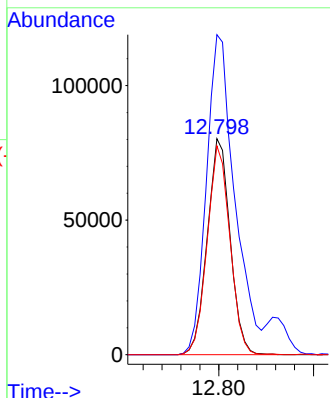
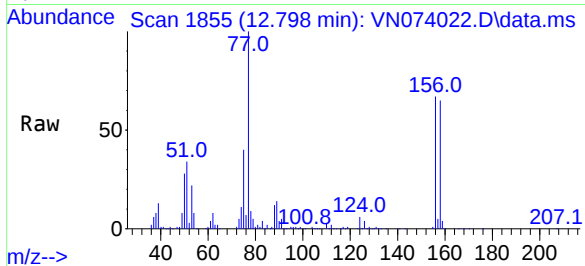




#73
Bromobenzene
Concen: 21.117 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

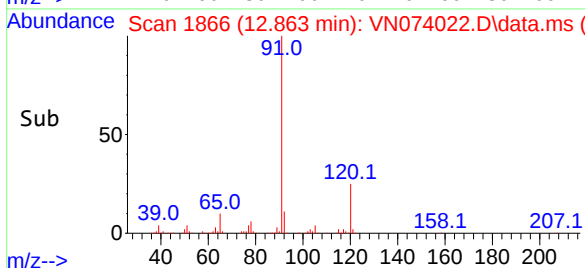
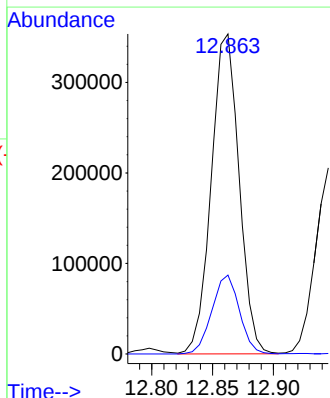
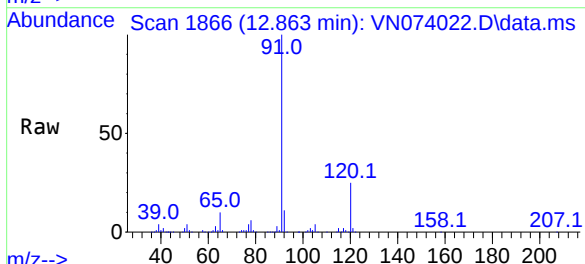
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

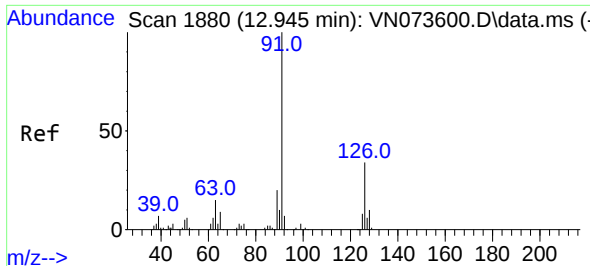
Tgt Ion:156 Resp: 134451
Ion Ratio Lower Upper
156 100
77 183.1 0.0 416.0
158 96.0 0.0 195.4



#74
n-propylbenzene
Concen: 18.847 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 91 Resp: 562198
Ion Ratio Lower Upper
91 100
120 24.3 0.0 45.0

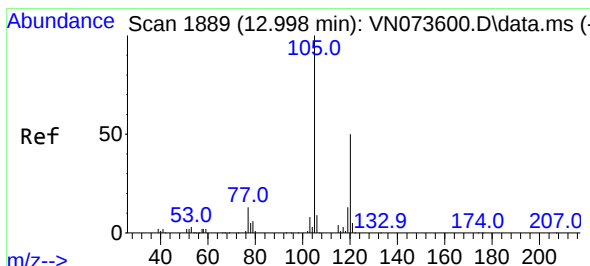
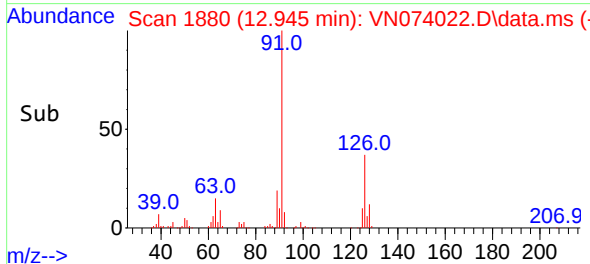
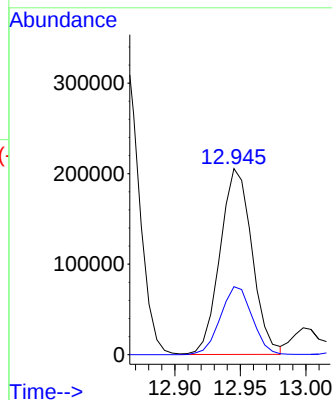
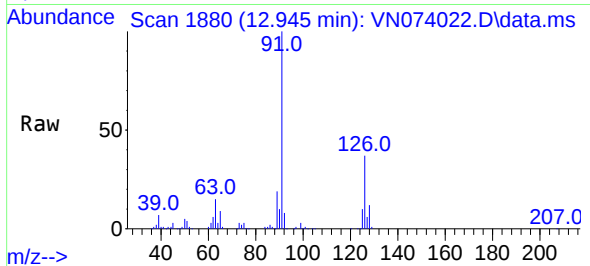




#75
2-Chlorotoluene
Concen: 19.519 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

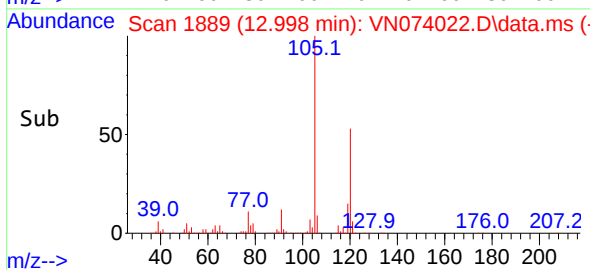
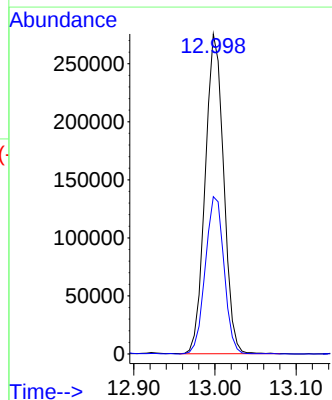
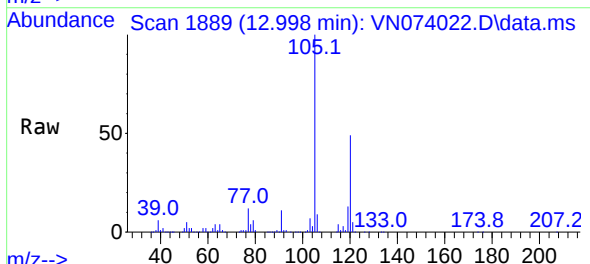
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

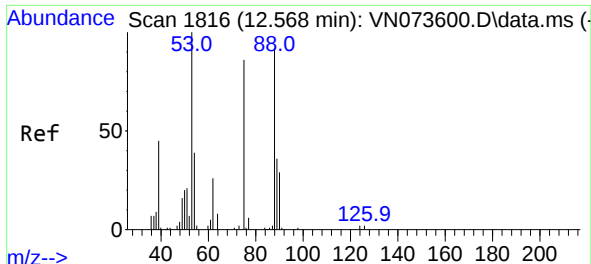
Tgt Ion: 91 Resp: 349020
Ion Ratio Lower Upper
91 100
126 36.3 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 20.224 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 105 Resp: 434205
Ion Ratio Lower Upper
105 100
120 50.0 0.0 93.8

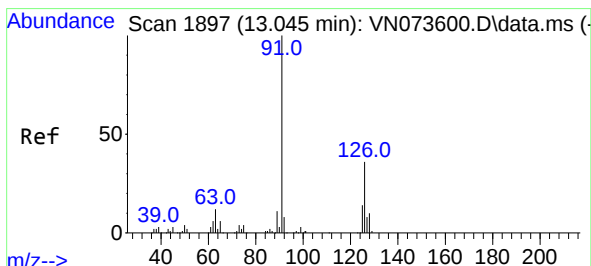
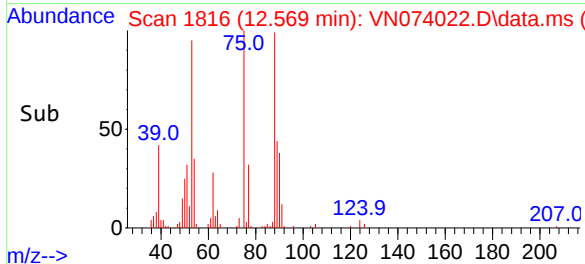
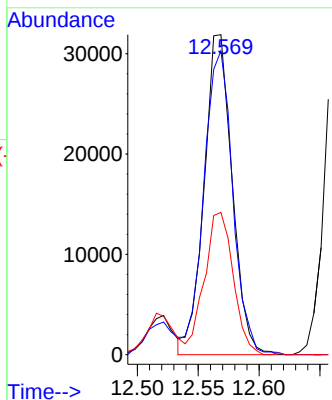
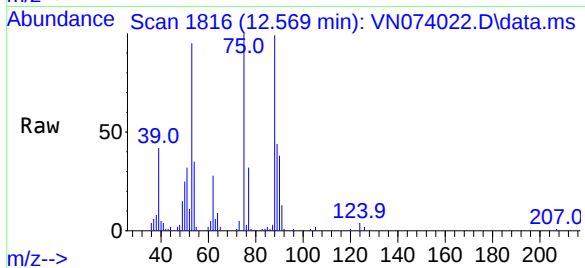




#77
t-1,4-Dichloro-2-butene
Concen: 18.715 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

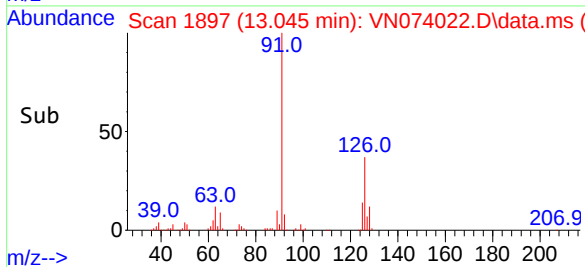
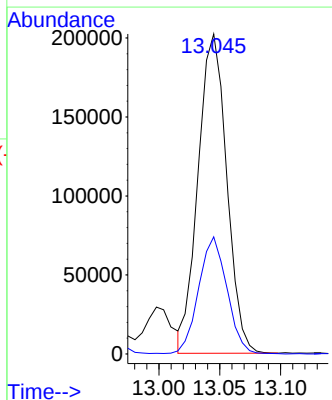
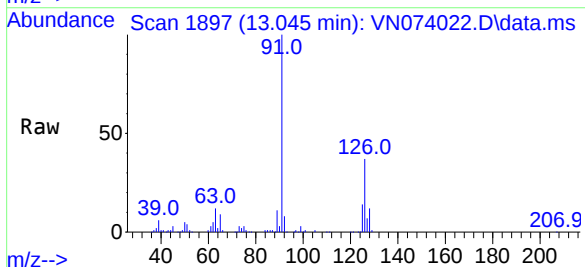
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

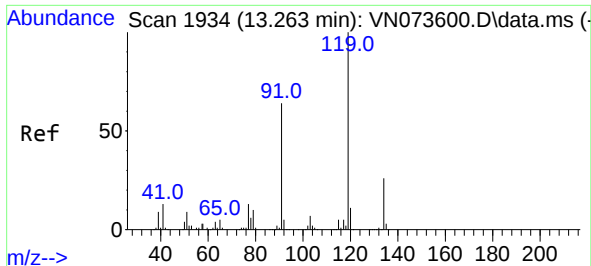
Tgt Ion: 75 Resp: 51337
Ion Ratio Lower Upper
75 100
53 94.2 51.8 155.5
89 43.2 22.9 68.7



#78
4-Chlorotoluene
Concen: 19.258 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 91 Resp: 330804
Ion Ratio Lower Upper
91 100
126 36.3 0.0 70.6

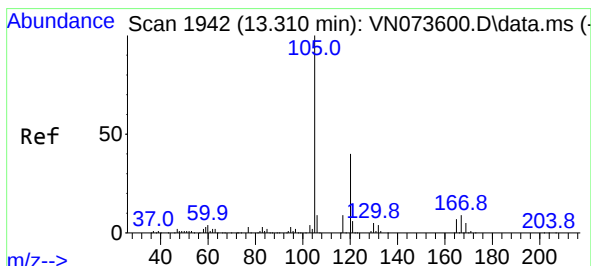
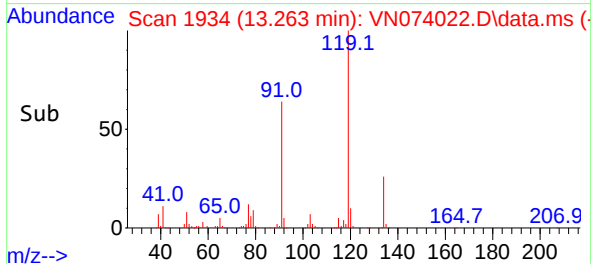
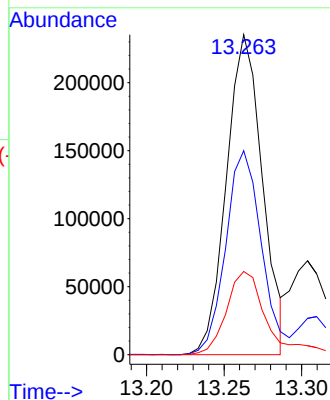
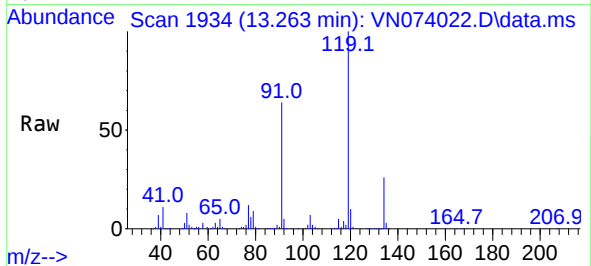




#79
tert-butylbenzene
Concen: 20.495 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

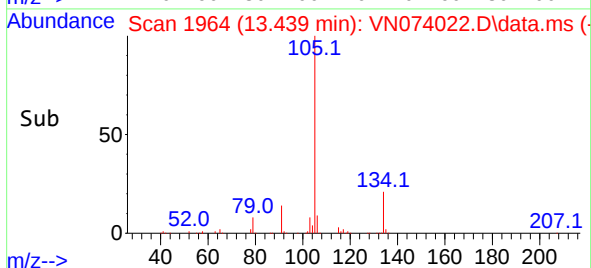
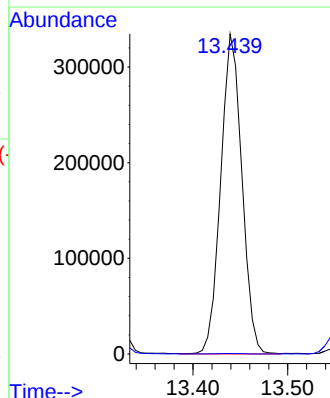
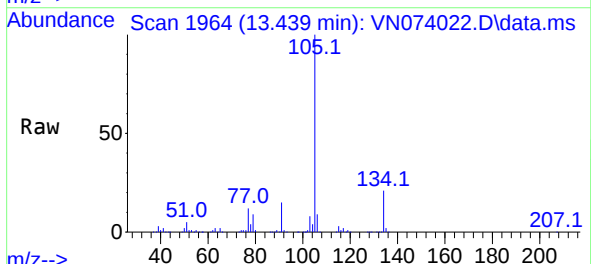
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

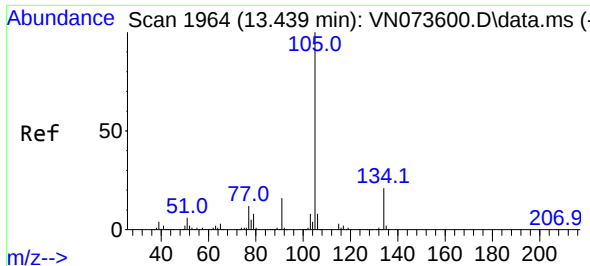
Tgt Ion:119 Resp: 380410
Ion Ratio Lower Upper
119 100
91 63.5 0.0 137.0
134 26.6 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 24.481 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.130 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:105 Resp: 520603
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

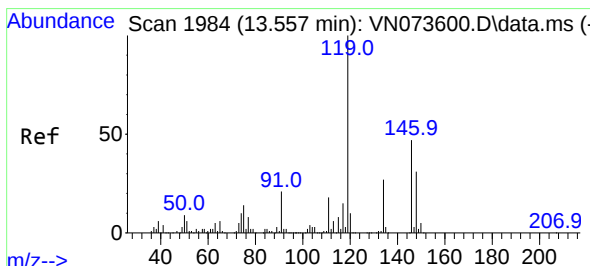
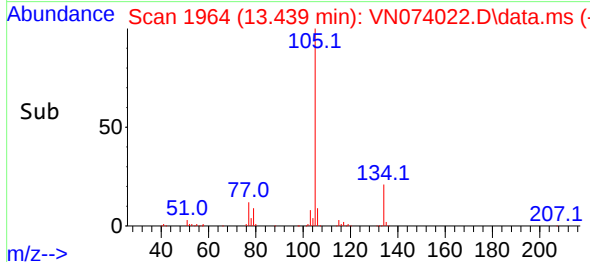
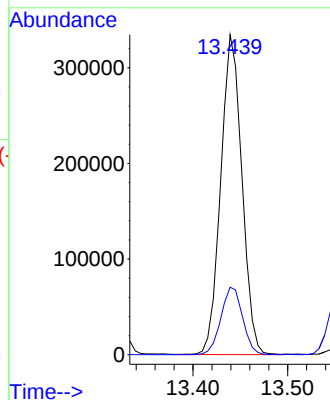
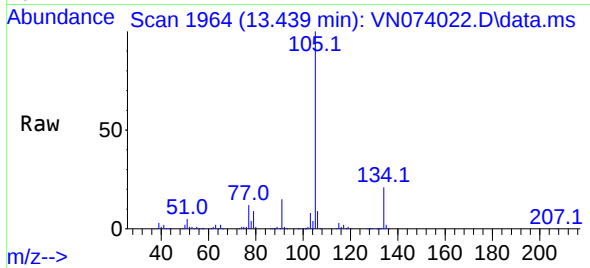




#81
 sec-Butylbenzene
 Concen: 19.508 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074022.D
 Acq: 19 Aug 2022 13:21

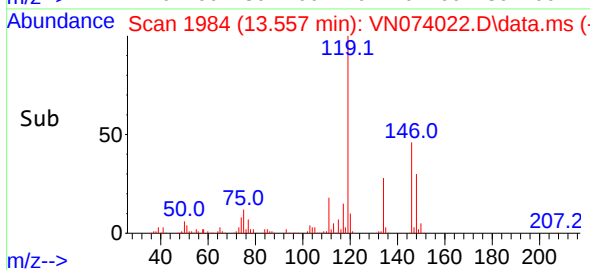
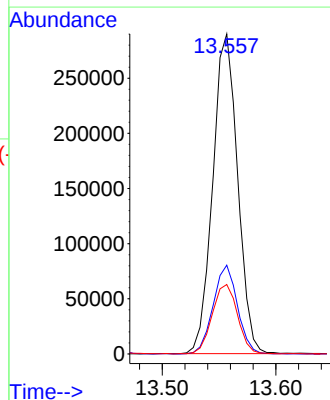
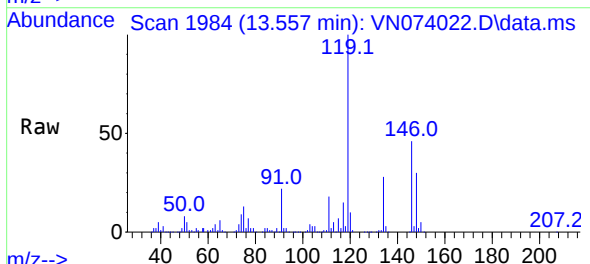
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

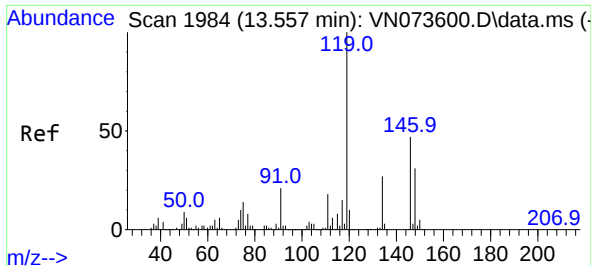
Tgt Ion:105 Resp: 519914
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.155 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074022.D
 Acq: 19 Aug 2022 13:21

Tgt Ion:119 Resp: 441007
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 51.8
 91 22.3 0.0 50.4

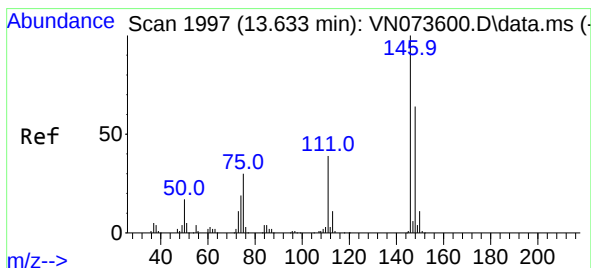
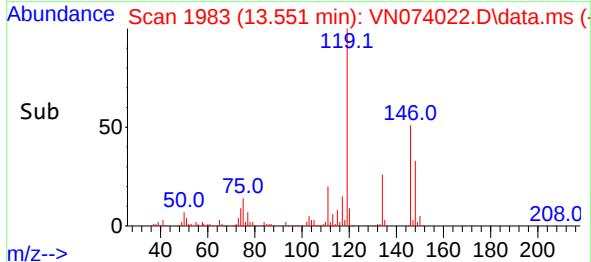
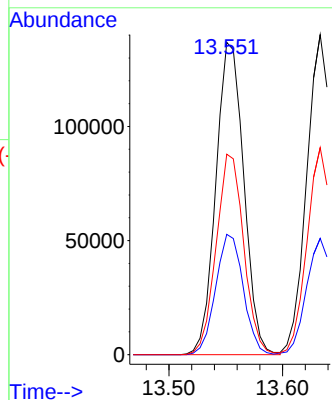
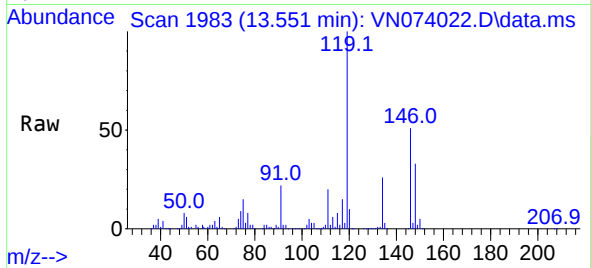




#83
1,3-Dichlorobenzene
Concen: 20.076 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

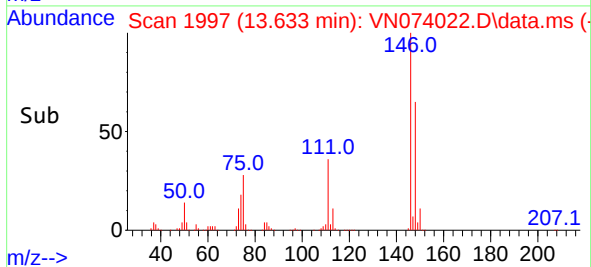
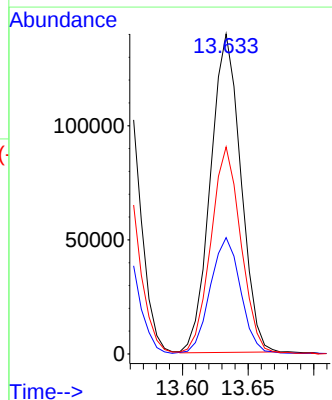
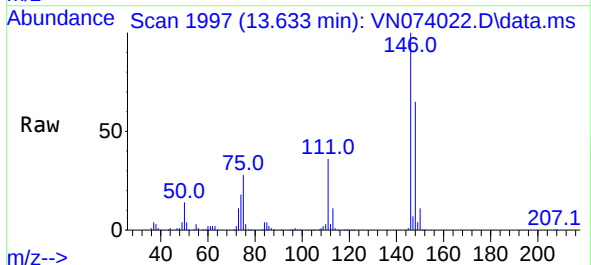
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

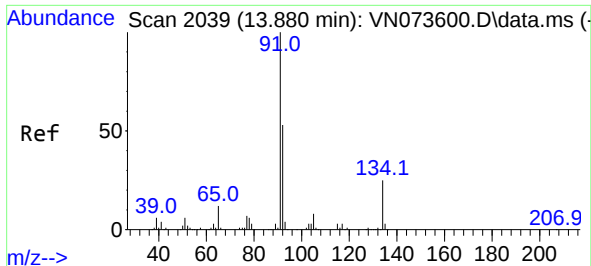
Tgt Ion:146 Resp: 233988
Ion Ratio Lower Upper
146 100
111 38.1 20.8 62.2
148 63.3 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 19.947 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:146 Resp: 224257
Ion Ratio Lower Upper
146 100
111 37.0 19.5 58.5
148 65.0 31.1 93.5

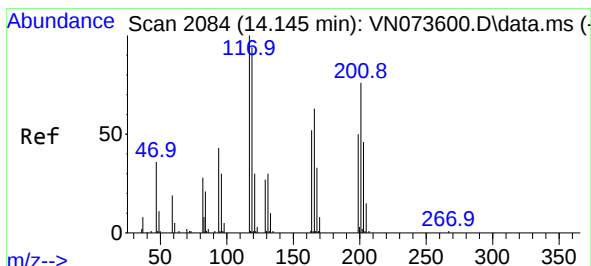
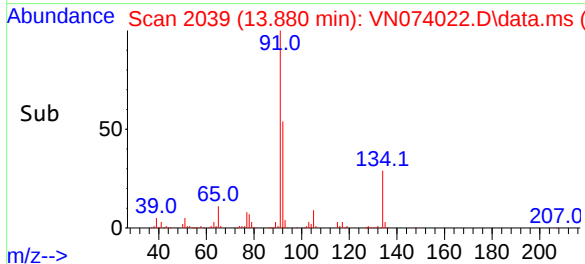
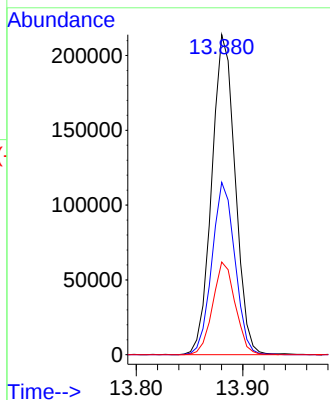
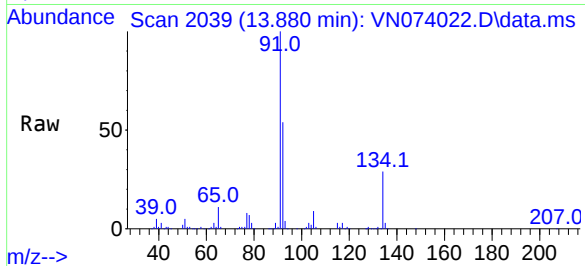




#85
n-Butylbenzene
Concen: 18.398 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

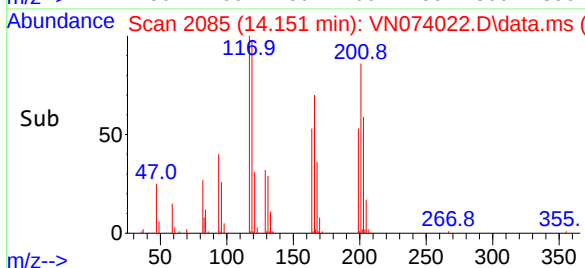
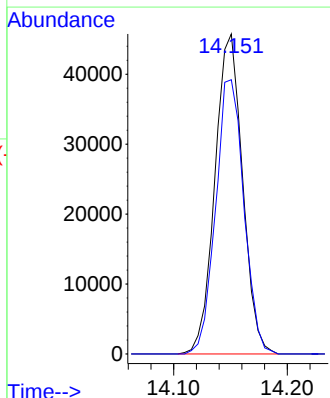
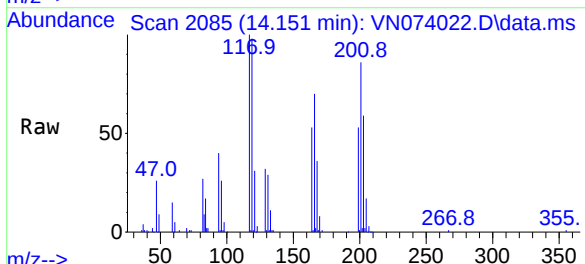
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

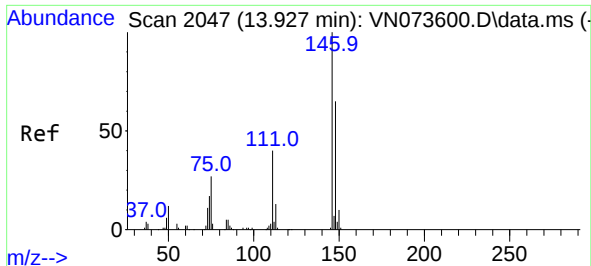
Tgt Ion: 91 Resp: 326317
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 27.9 0.0 50.2



#86
Hexachloroethane
Concen: 19.251 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 117 Resp: 77250
Ion Ratio Lower Upper
117 100
201 87.6 33.3 99.8

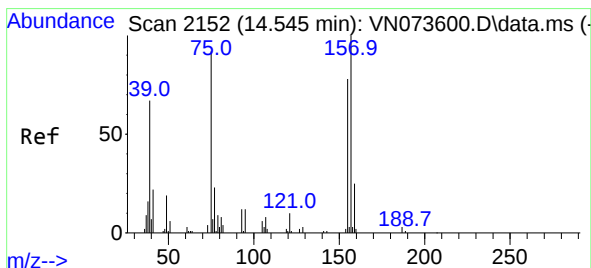
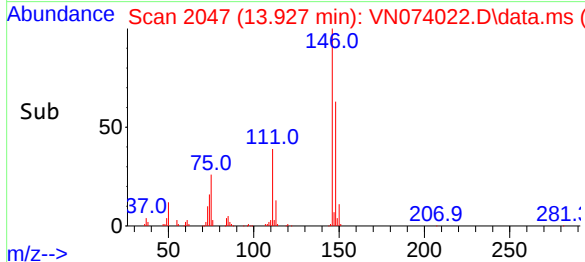
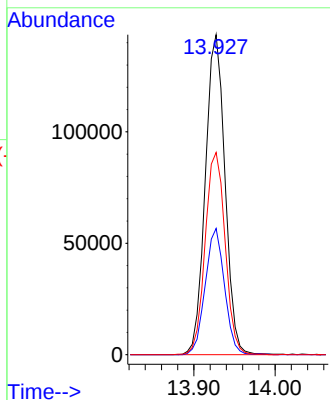
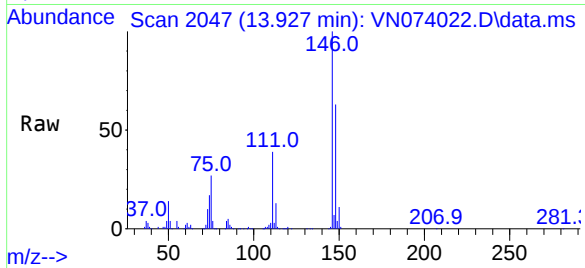




#87
1,2-Dichlorobenzene
Concen: 20.502 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

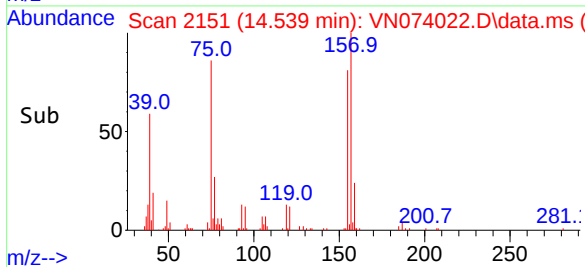
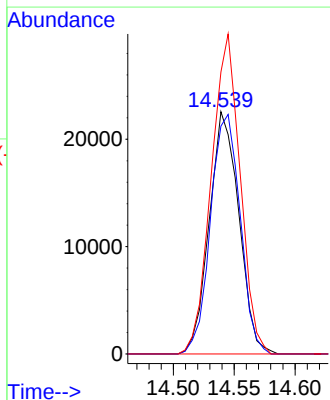
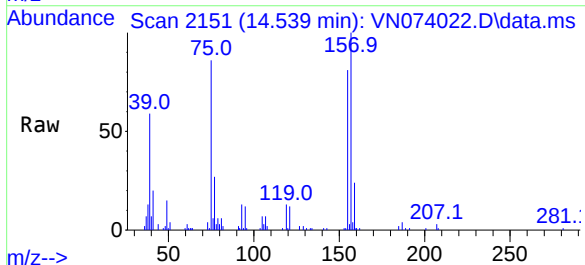
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

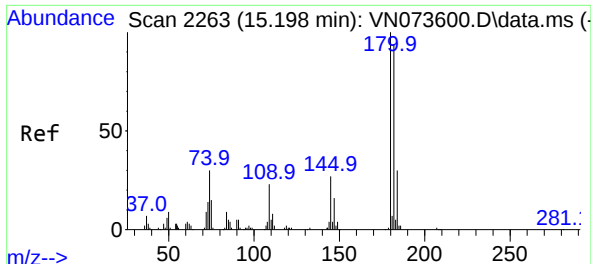
Tgt Ion:146 Resp: 241587
Ion Ratio Lower Upper
146 100
111 38.6 21.4 64.2
148 64.2 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.409 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion: 75 Resp: 38209
Ion Ratio Lower Upper
75 100
155 98.9 63.8 95.8#
157 128.6 77.9 116.9#

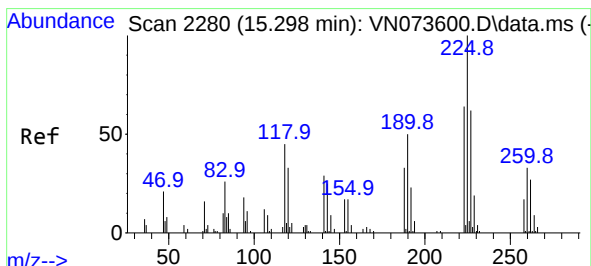
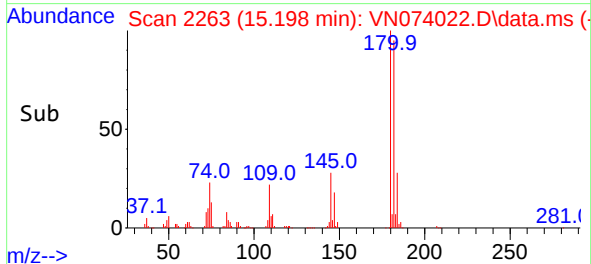
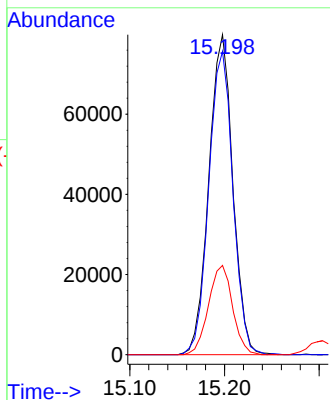
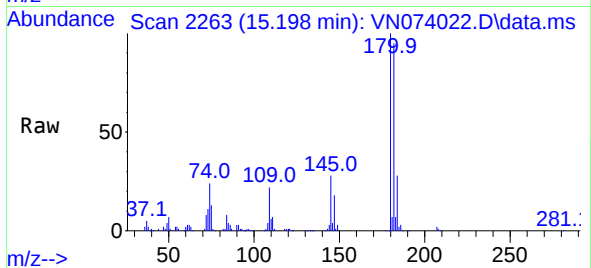




#89
1,2,4-Trichlorobenzene
Concen: 21.658 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

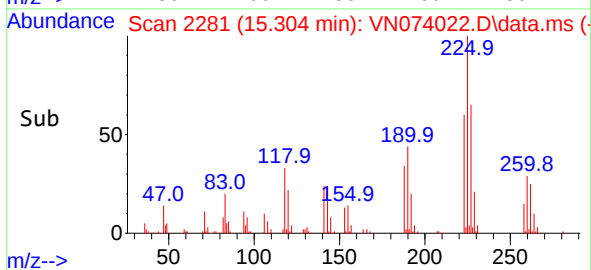
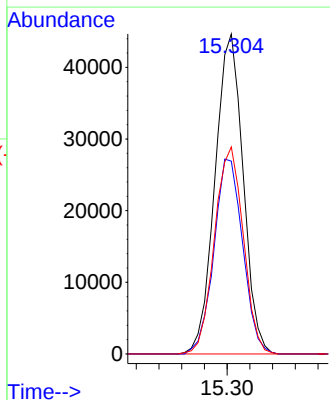
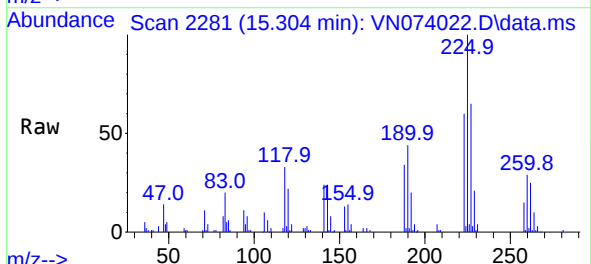
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

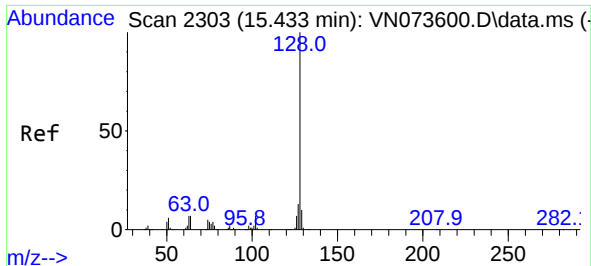
Tgt Ion:180 Resp: 140459
Ion Ratio Lower Upper
180 100
182 95.2 77.7 116.5
145 28.0 26.6 39.8



#90
Hexachlorobutadiene
Concen: 23.386 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:225 Resp: 76817
Ion Ratio Lower Upper
225 100
223 62.5 0.0 126.8
227 66.1 0.0 123.0

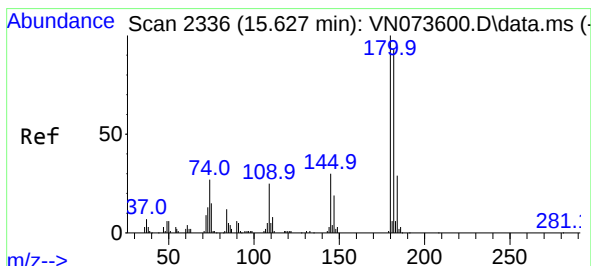
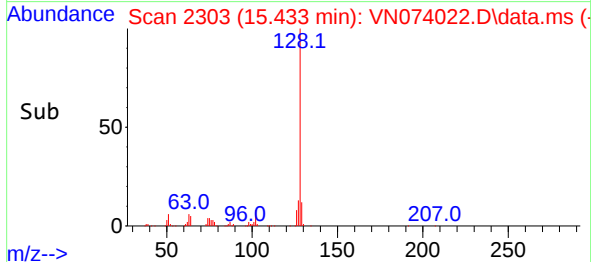
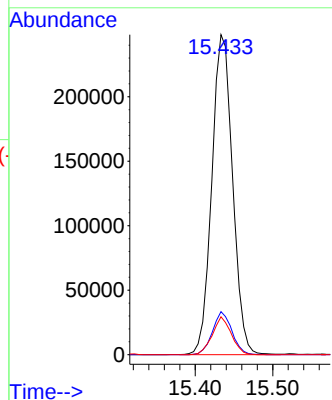
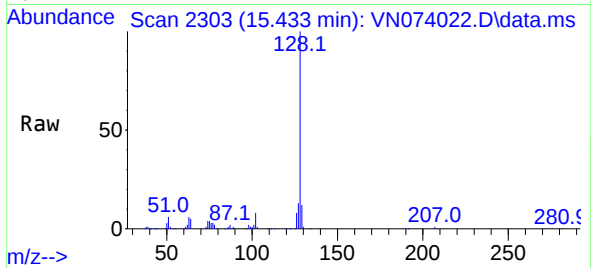




#91
Naphthalene
Concen: 21.712 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

Tgt Ion:128 Resp: 462351
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.8 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 22.542 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074022.D
Acq: 19 Aug 2022 13:21

Tgt Ion:180 Resp: 150181
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.0
145 28.4 0.0 67.8

