

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074888.D
 Acq On : 12 Oct 2022 20:22
 Operator : JC\MD
 Sample : VN1012WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD02

Quant Time: Oct 13 08:03:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	66066	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	407308	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	382769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	210551	34.041	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.467%#			
60) 4-Bromofluorobenzene	12.853	95	185314	27.301	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.000%			
63) Toluene-d8	10.571	98	662300	29.980	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.933%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	79253	21.602	ug/l	96
3) Chloromethane	2.383	50	135544	22.845	ug/l	95
4) Vinyl Chloride	2.536	62	196163	22.452	ug/l	94
5) Bromomethane	2.954	94	147803	21.336	ug/l	97
6) Chloroethane	3.130	64	159401	24.327	ug/l	96
7) Trichlorofluoromethane	3.512	101	160420	24.629	ug/l	88
8) Diethyl Ether	4.048	74	765	0.252	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.395	101	90866	22.169	ug/l	94
10) 1,1-Dichloroethene	4.359	96	89308	22.151	ug/l	99
11) Methyl Iodide	4.606	142	68273	13.565	ug/l	83
12) Methyl Acetate	5.053	43	204206	21.013	ug/l	94
13) Acrolein	4.206	56	148175	107.913	ug/l	99
14) Acrylonitrile	5.742	53	227909	62.880	ug/l #	35
15) Acetone	4.453	58	110119	110.853	ug/l	95
16) Carbon Disulfide	4.730	76	218436	21.088	ug/l #	94
17) Allyl chloride	5.036	41	57747	7.194	ug/l	96
18) Methylene Chloride	5.295	84	115484	22.089	ug/l #	87
19) trans-1,2-Dichloroethene	5.800	96	92064	20.801	ug/l	94
20) Diisopropyl ether	6.694	45	404475	21.584	ug/l #	90
21) 1,1-Dichloroethane	6.589	63	216000	22.656	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	126184	22.767	ug/l	95
23) tert-Butyl Alcohol	5.548	59	161962	106.050	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	209528	12.443	ug/l #	69
25) Chloroform	7.977	83	211753	22.367	ug/l	99
26) Cyclohexane	8.271	56	175105	20.909	ug/l #	100
29) 1,1-Dichloropropene	8.383	75	145420	19.787	ug/l	97
30) 2-Butanone	7.500	43	572059	97.558	ug/l	98
31) 2,2-Dichloropropane	7.506	77	172303	19.153	ug/l	95
32) 1,1,1-Trichloroethane	8.183	97	175141	19.872	ug/l	95
33) Carbon Tetrachloride	8.183	117	22185	3.065	ug/l	83
34) Benzene	8.618	78	483987	19.923	ug/l #	89
35) Methacrylonitrile	7.794	41	113514	18.836	ug/l	98
36) 1,2-Dichloroethane	8.677	62	163709	20.237	ug/l	97
37) Trichloroethene	9.359	130	103491	20.485	ug/l	96
38) Methylcyclohexane	9.612	83	177508	19.882	ug/l	99
39) 1,2-Dichloropropane	9.630	63	135282	21.482	ug/l	97
40) Dibromomethane	9.712	93	82563	19.785	ug/l	99
41) Bromodichloromethane	9.894	83	165547	20.370	ug/l #	99
42) Vinyl Acetate	6.624	43	1652014	94.579	ug/l	99

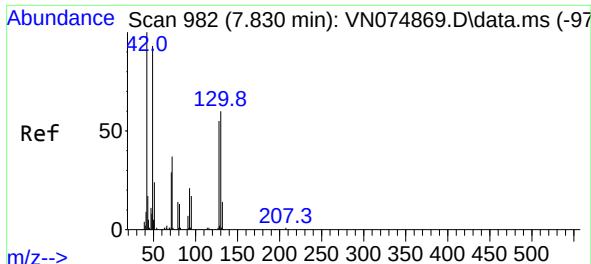
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.583	43	201909	17.710	ug/l	98
44) Isopropyl Acetate	8.700	43	351010	19.910	ug/l	99
45) 1,4-Dioxane	9.706	88	64441	398.616	ug/l	93
46) Methyl methacrylate	9.683	41	150543	19.716	ug/l	91
47) n-amyl Acetate	12.494	43	298423	19.346	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	187665	18.979	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	121962	19.860	ug/l	97
51) Ethyl methacrylate	10.877	69	201918	19.336	ug/l	94
52) 1,3-Dichloropropane	11.165	76	214959	20.280	ug/l	97
53) Dibromochloromethane	11.359	129	117363	19.507	ug/l	92
54) 1,2-Dibromoethane	11.471	107	118394	20.066	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	382892	93.738	ug/l	98
56) Bromoform	12.582	173	80580	18.586	ug/l	95
58) 4-Methyl-2-Pentanone	10.453	43	1174673	98.677	ug/l	98
59) 2-Hexanone	11.200	43	885235	96.626	ug/l	97
61) Tetrachloroethene	11.112	164	83048	20.352	ug/l #	81
62) Toluene	10.635	91	528088	19.970	ug/l	98
64) Chlorobenzene	11.894	112	290455	19.323	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	111567	19.706	ug/l	98
66) Ethyl Benzene	11.965	91	559377	19.452	ug/l	99
67) m/p-Xylenes	12.071	106	421291	38.998	ug/l	99
68) o-Xylene	12.400	106	216473	19.713	ug/l	95
69) Styrene	12.418	104	338484	18.833	ug/l	99
70) Isopropylbenzene	12.700	105	551943	19.489	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	211147	19.931	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	254874	28.637	ug/l	45
73) Bromobenzene	12.982	156	115860	19.522	ug/l	95
74) n-propylbenzene	13.041	91	635377	19.242	ug/l	99
75) 2-Chlorotoluene	13.129	91	376308	19.481	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	438453	19.051	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	64360	17.405	ug/l	94
78) 4-Chlorotoluene	13.223	91	349662	18.969	ug/l	98
79) tert-butylbenzene	13.441	119	381907	18.655	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	429416	18.544	ug/l	99
81) sec-Butylbenzene	13.618	105	551898	18.758	ug/l	99
82) p-Isopropyltoluene	13.735	119	430071	18.396	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	211937	18.302	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	204839	18.416	ug/l	100
85) n-Butylbenzene	14.059	91	358647	17.380	ug/l	97
86) Hexachloroethane	14.329	117	85193	18.607	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	220080	19.141	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	38435	17.976	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	94725	18.039	ug/l	98
90) Hexachlorobutadiene	15.506	225	44997	17.574	ug/l	100
91) Naphthalene	15.641	128	373614	17.931	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	92316	16.805	ug/l	94

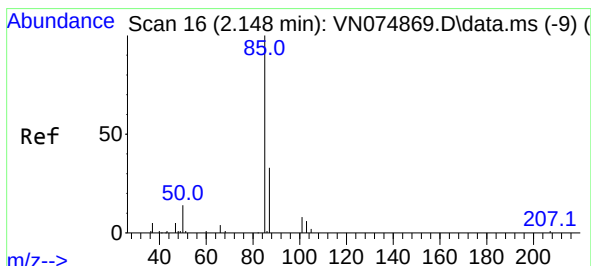
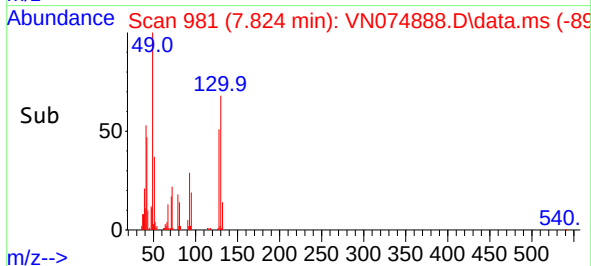
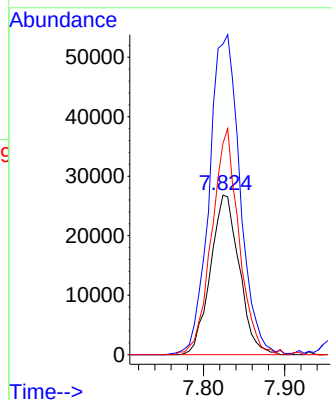
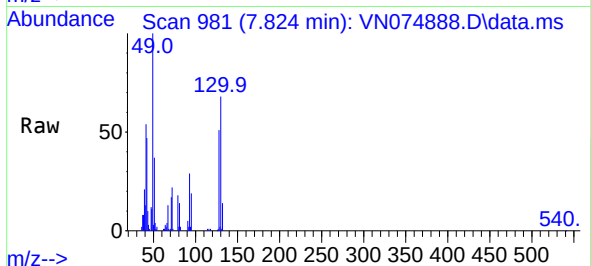
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

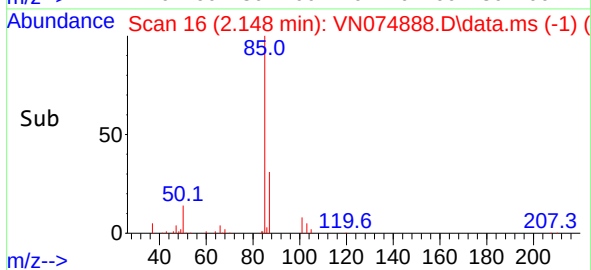
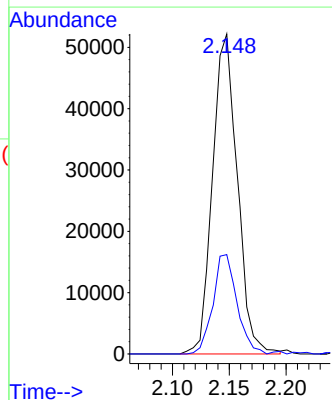
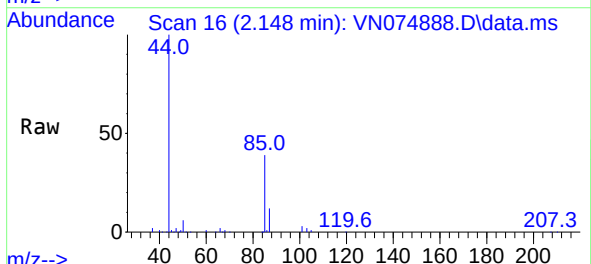
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

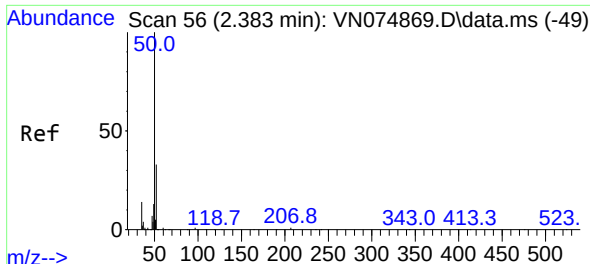
Tgt Ion:128 Resp: 66066
Ion Ratio Lower Upper
128 100
49 214.1 0.0 492.0
130 134.1 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 21.602 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 85 Resp: 79253
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1

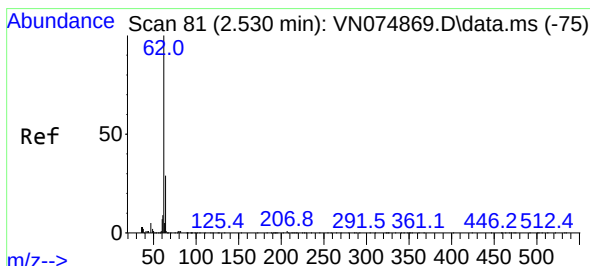
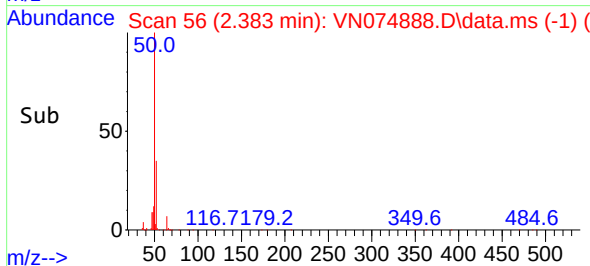
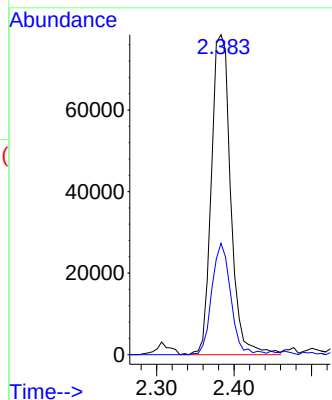
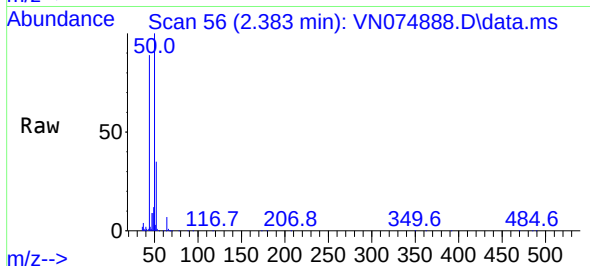




#3
Chloromethane
Concen: 22.845 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

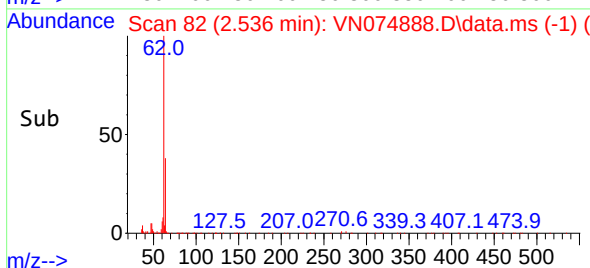
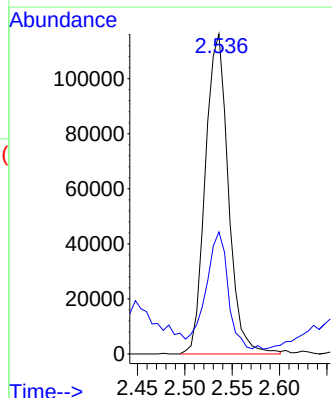
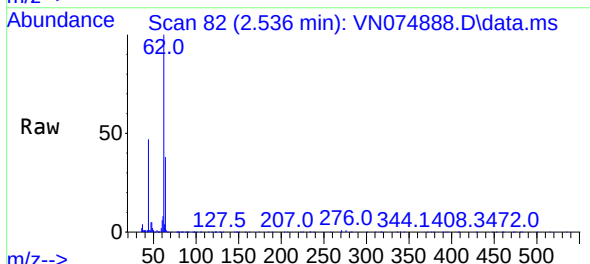
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

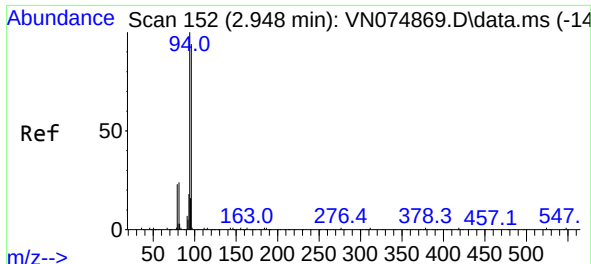
Tgt Ion: 50 Resp: 135544
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3



#4
Vinyl Chloride
Concen: 22.452 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 62 Resp: 196163
Ion Ratio Lower Upper
62 100
64 35.5 25.6 38.4

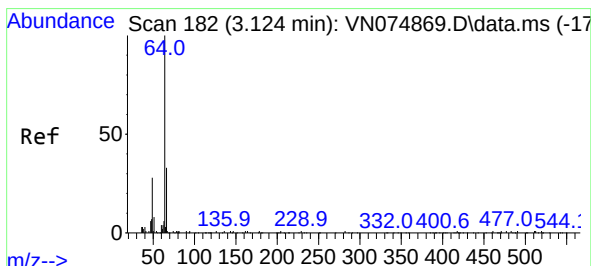
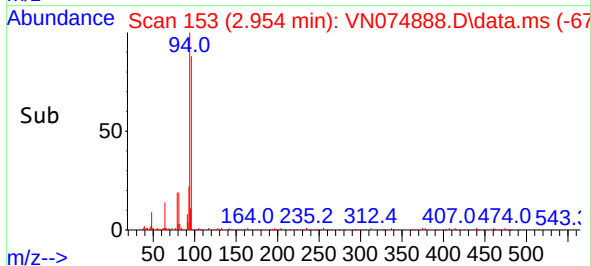
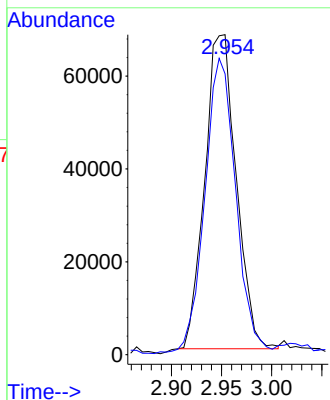
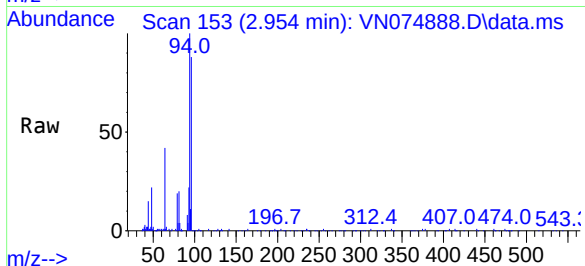




#5
Bromomethane
Concen: 21.336 ug/l
RT: 2.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

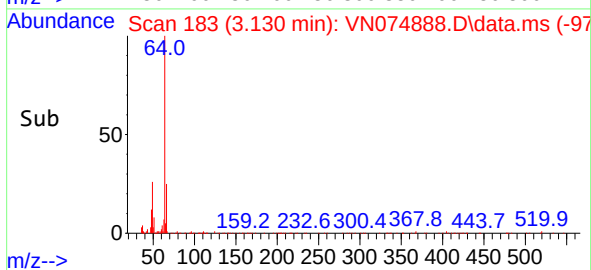
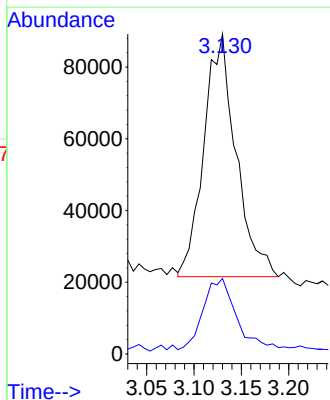
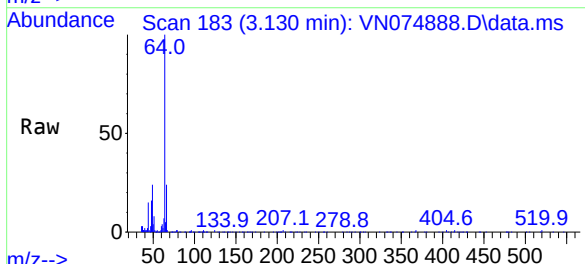
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ClientSampleId :
VN1012WBSD02

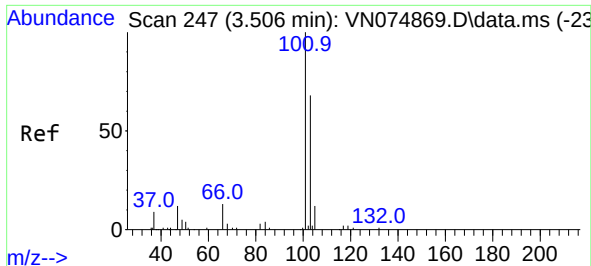
Tgt Ion: 94 Resp: 147803
Ion Ratio Lower Upper
94 100
96 87.7 68.3 102.5



#6
Chloroethane
Concen: 24.327 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 64 Resp: 159401
Ion Ratio Lower Upper
64 100
66 29.3 21.8 32.8

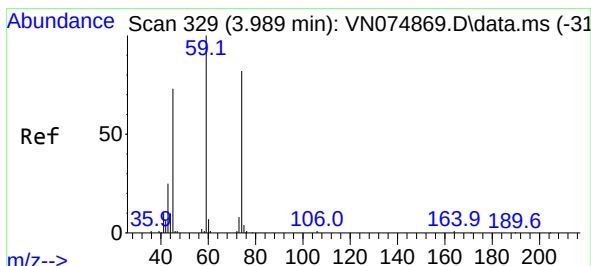
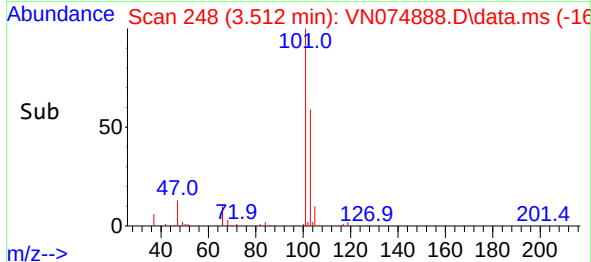
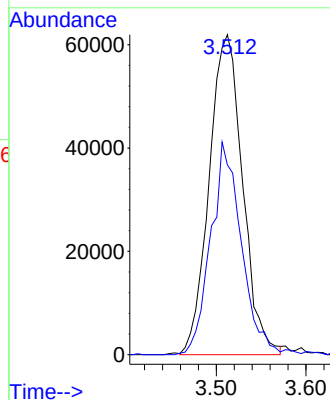
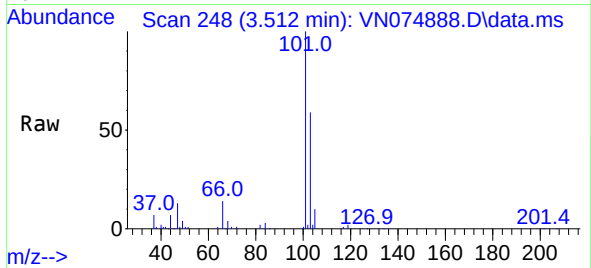




#7
 Trichlorofluoromethane
 Concen: 24.629 ug/l
 RT: 3.512 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VN074888.D
 Acq: 12 Oct 2022 20:22

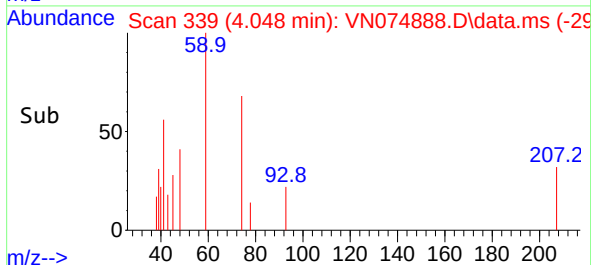
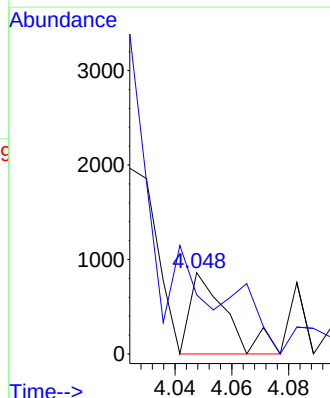
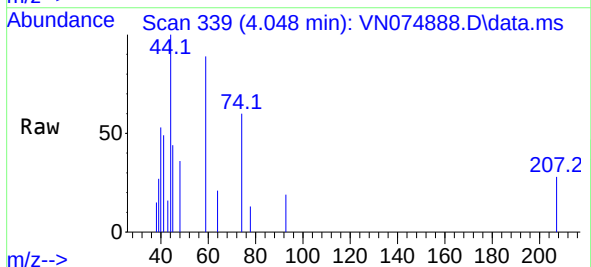
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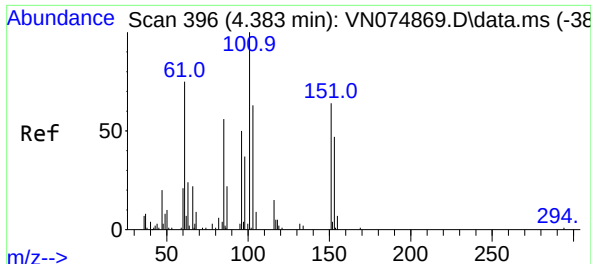
Tgt Ion:101 Resp: 160420
 Ion Ratio Lower Upper
 101 100
 103 59.1 54.8 82.2



#8
 Diethyl Ether
 Concen: 0.252 ug/l
 RT: 4.048 min Scan# 339
 Delta R.T. 0.059 min
 Lab File: VN074888.D
 Acq: 12 Oct 2022 20:22

Tgt Ion: 74 Resp: 765
 Ion Ratio Lower Upper
 74 100
 45 103.4 19.0 171.0

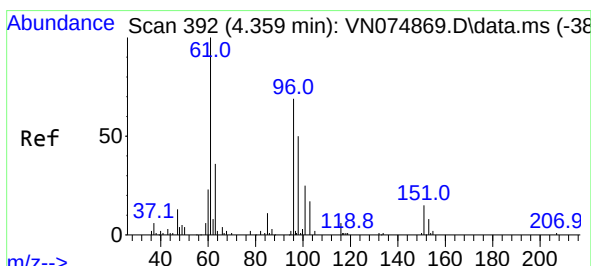
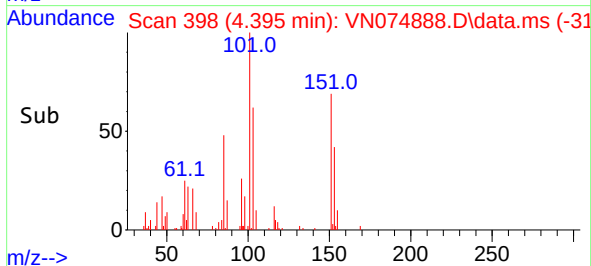
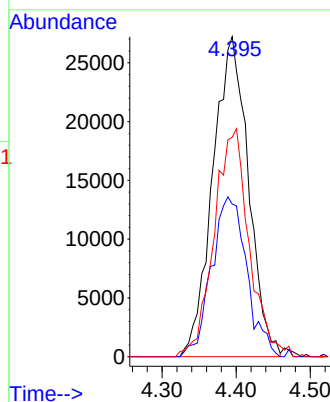
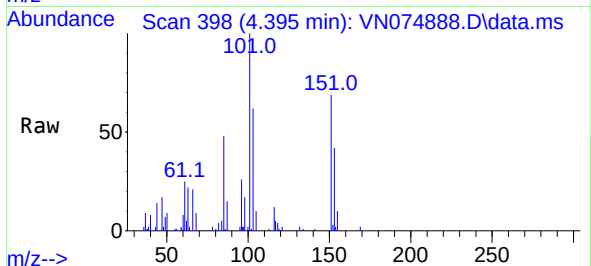




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.169 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

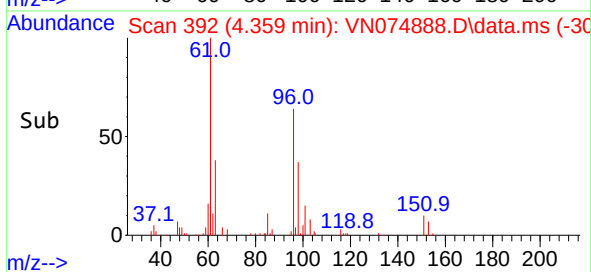
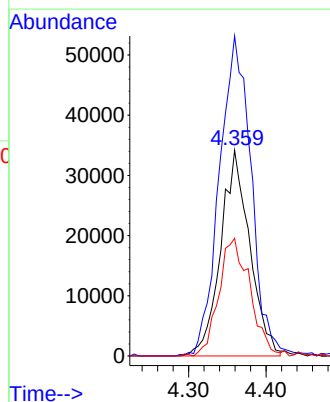
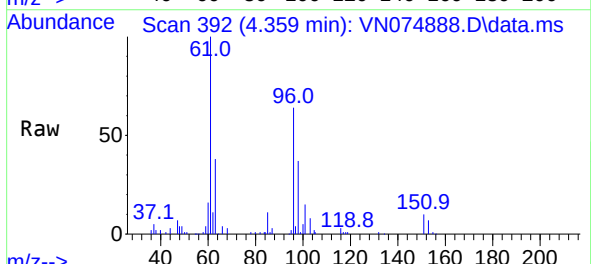
Instrument :
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VN1012WBSD02

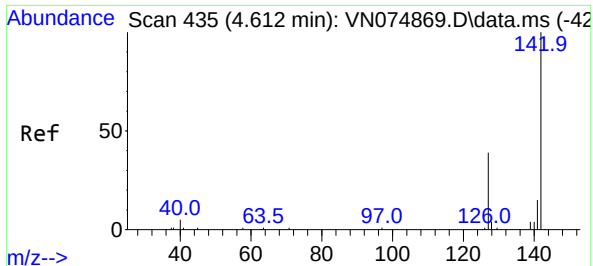
Tgt Ion:101 Resp: 90866
Ion Ratio Lower Upper
101 100
85 39.8 0.0 94.6
151 69.7 0.0 144.8



#10
1,1-Dichloroethene
Concen: 22.151 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

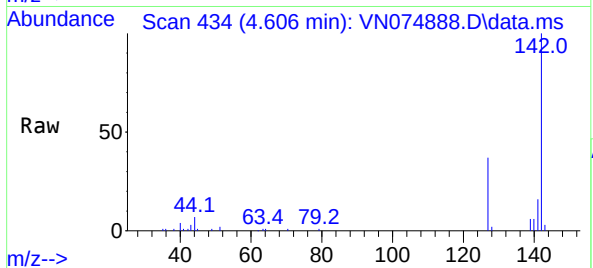
Tgt Ion: 96 Resp: 89308
Ion Ratio Lower Upper
96 100
61 154.9 125.5 188.3
98 57.1 45.0 67.4



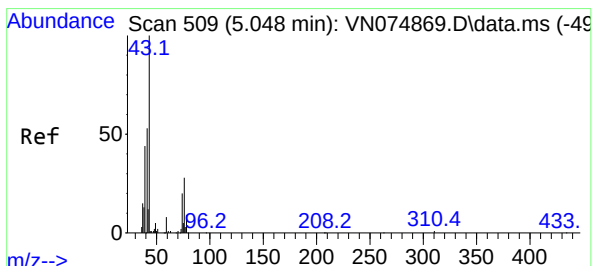
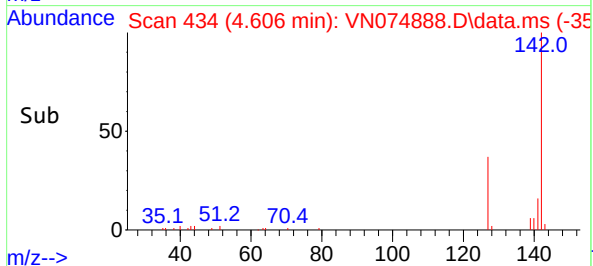
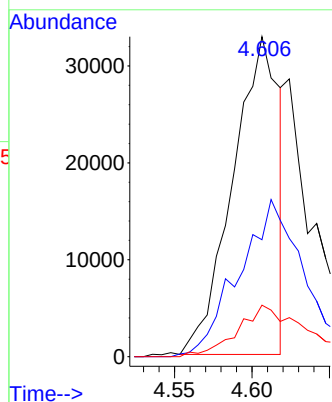


#11
Methyl Iodide
Concen: 13.565 ug/l
RT: 4.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

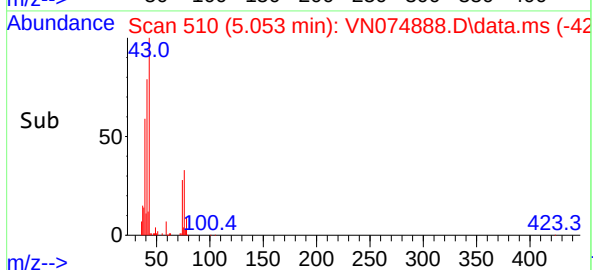
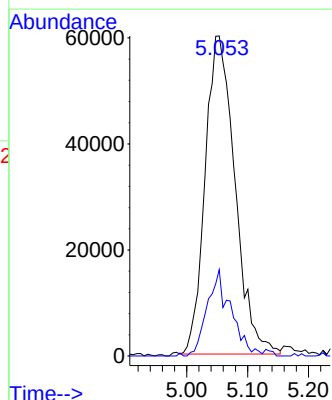
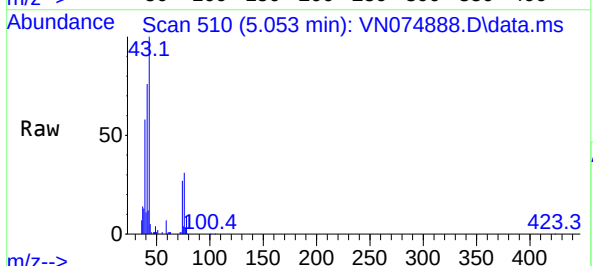


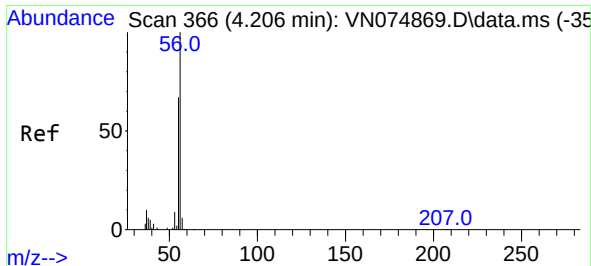
Tgt Ion:142 Resp: 68273
Ion Ratio Lower Upper
142 100
127 25.7 19.3 57.8
141 18.4 7.7 23.1



#12
Methyl Acetate
Concen: 21.013 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 43 Resp: 204206
Ion Ratio Lower Upper
43 100
74 26.8 19.0 28.6

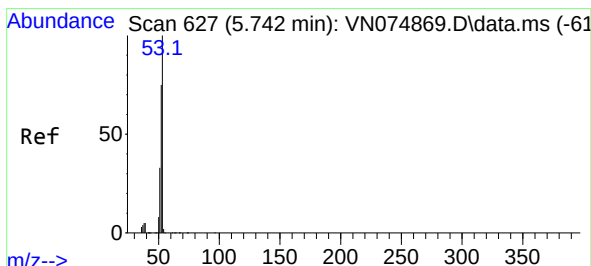
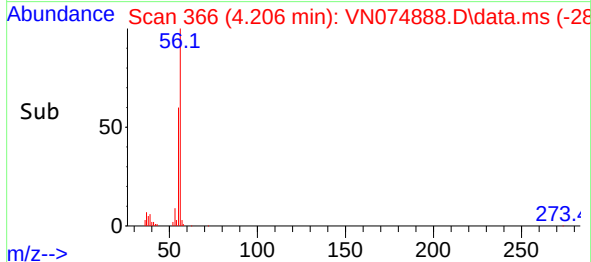
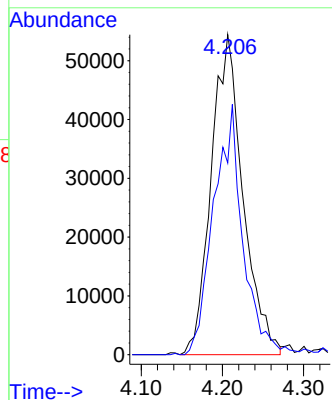
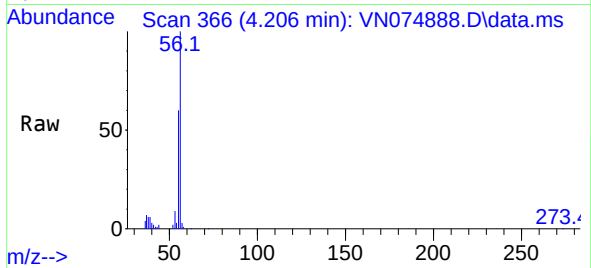




#13
Acrolein
Concen: 107.913 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

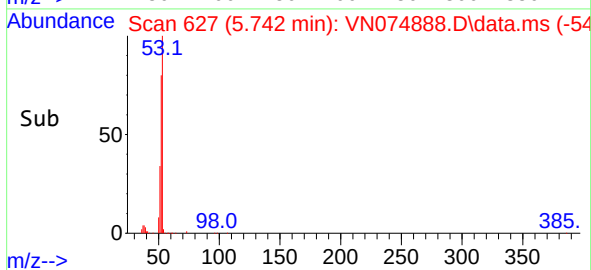
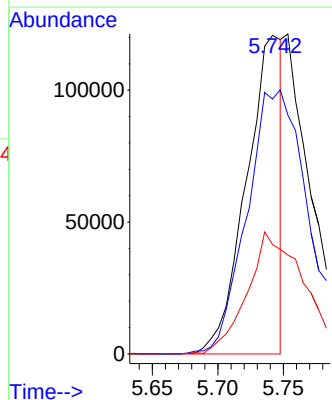
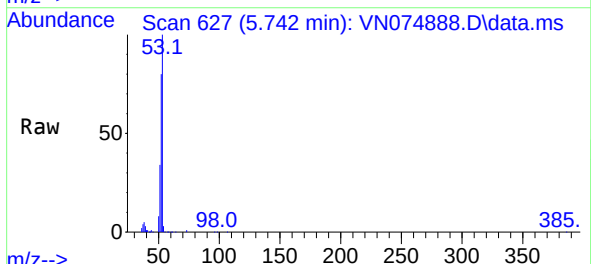
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

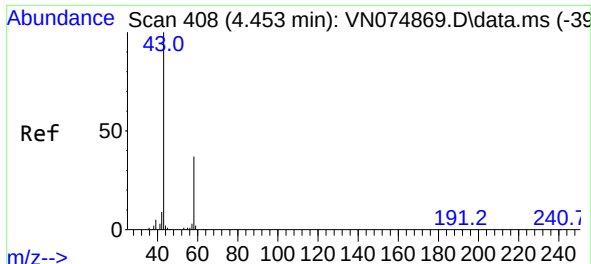
Tgt Ion: 56 Resp: 148175
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.2



#14
Acrylonitrile
Concen: 62.880 ug/l
RT: 5.742 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 53 Resp: 227909
Ion Ratio Lower Upper
53 100
52 145.6 40.8 122.4#
51 62.4 17.0 51.0#

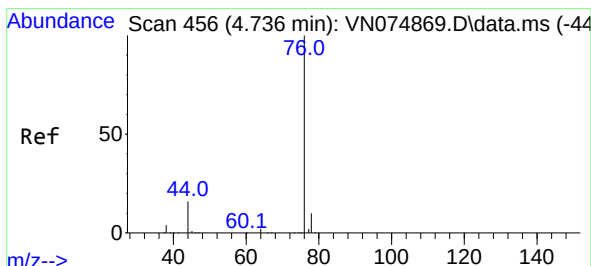
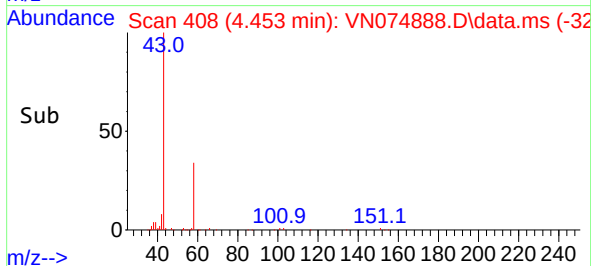
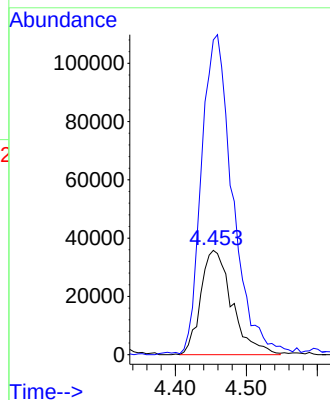
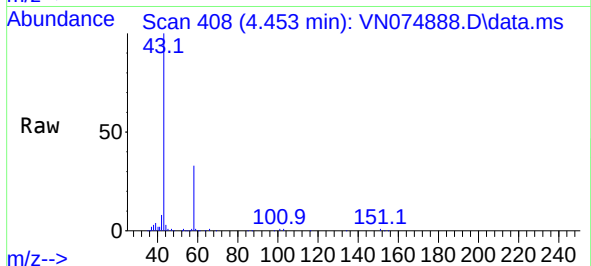




#15
Acetone
Concen: 110.853 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

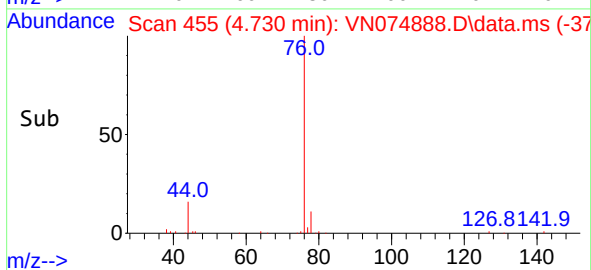
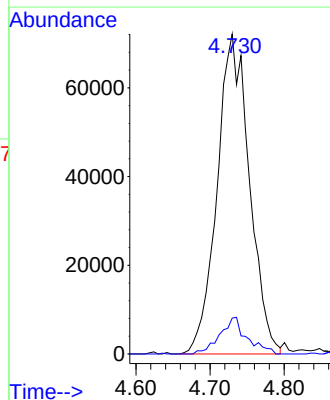
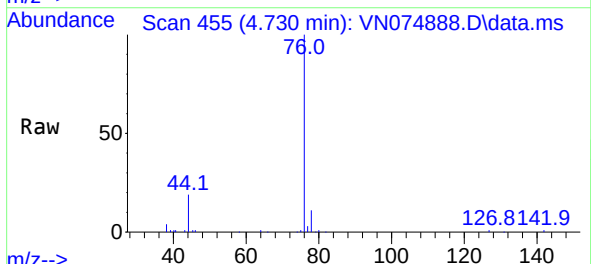
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

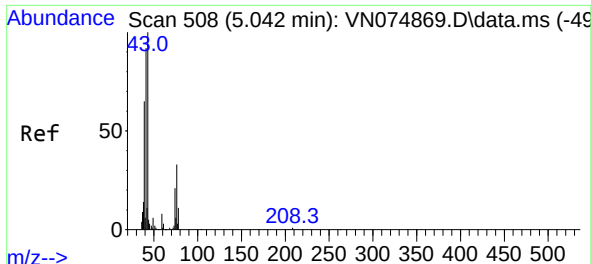
Tgt Ion: 58 Resp: 110119
Ion Ratio Lower Upper
58 100
43 300.6 232.2 348.4



#16
Carbon Disulfide
Concen: 21.088 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 76 Resp: 218436
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#





#17

Allyl chloride

Concen: 7.194 ug/l

RT: 5.036 min Scan# 508

Delta R.T. -0.006 min

Lab File: VN074888.D

Acq: 12 Oct 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD02

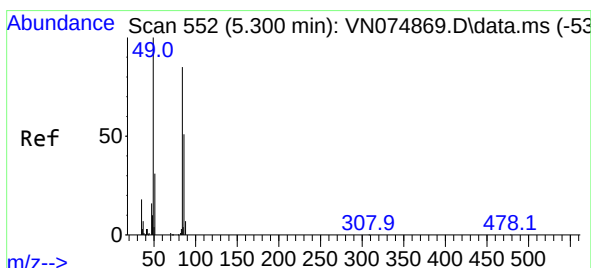
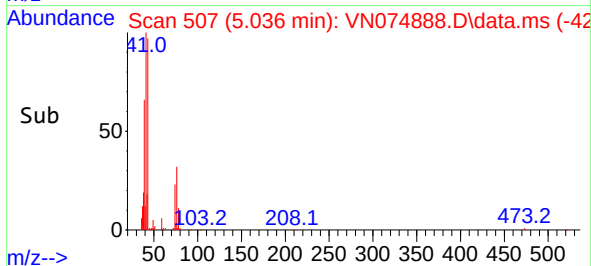
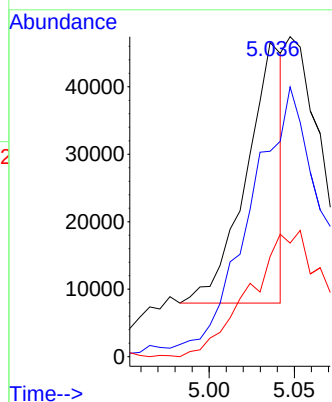
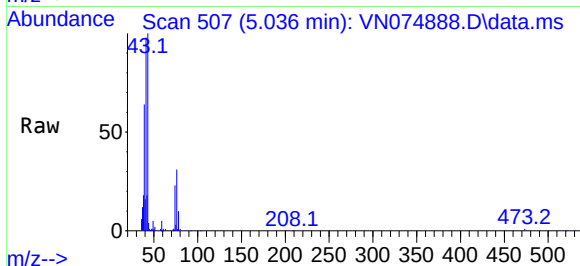
Tgt Ion: 41 Resp: 57747

Ion Ratio Lower Upper

41 100

39 74.3 39.1 117.5

76 38.5 19.8 59.4



#18

Methylene Chloride

Concen: 22.089 ug/l

RT: 5.295 min Scan# 551

Delta R.T. -0.006 min

Lab File: VN074888.D

Acq: 12 Oct 2022 20:22

Tgt Ion: 84 Resp: 115484

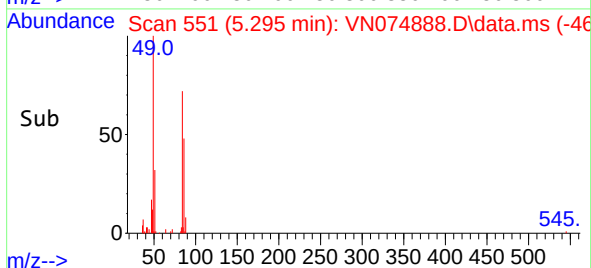
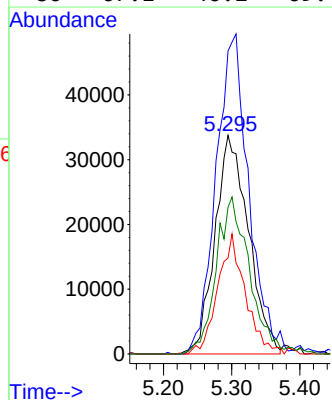
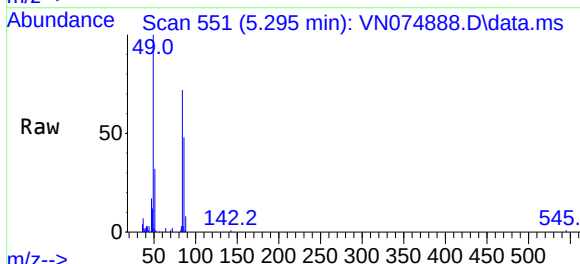
Ion Ratio Lower Upper

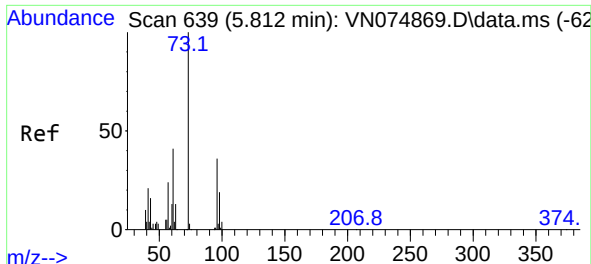
84 100

49 138.7 99.6 149.4

51 43.5 28.2 42.2#

86 67.1 46.2 69.4

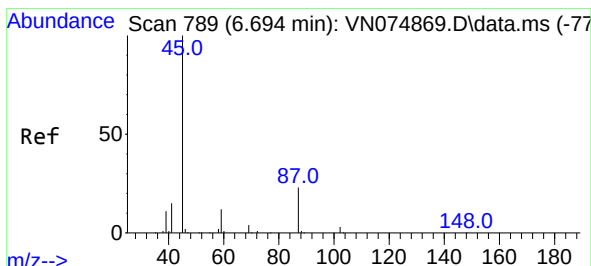
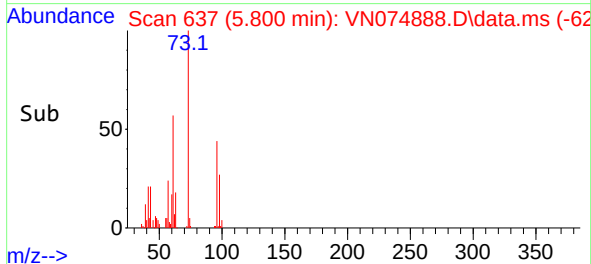
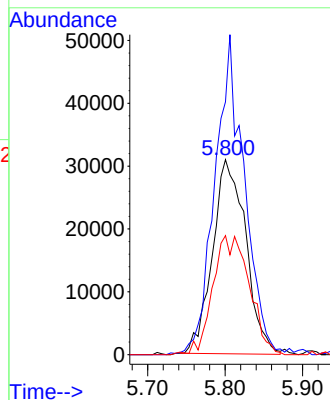
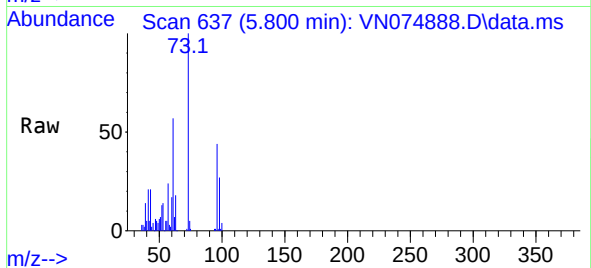




#19
trans-1,2-Dichloroethene
Concen: 20.801 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

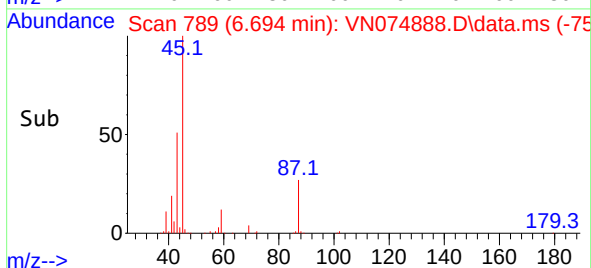
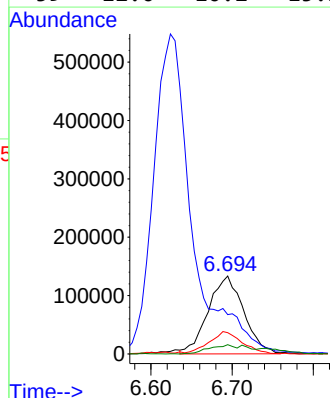
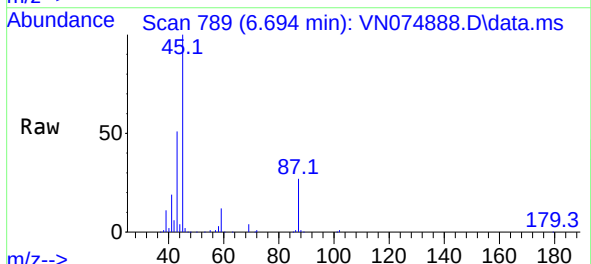
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

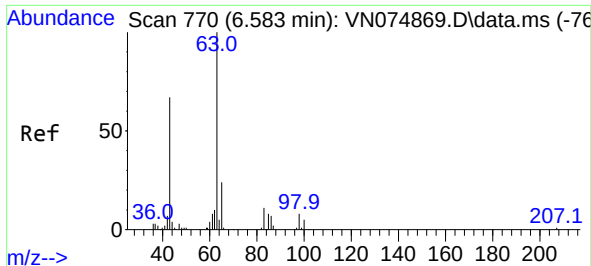
Tgt Ion: 96 Resp: 92064
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 60.3 50.0 75.0



#20
Diisopropyl ether
Concen: 21.584 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 45 Resp: 404475
Ion Ratio Lower Upper
45 100
43 47.2 47.3 70.9#
87 27.3 21.8 32.8
59 12.0 10.2 15.2

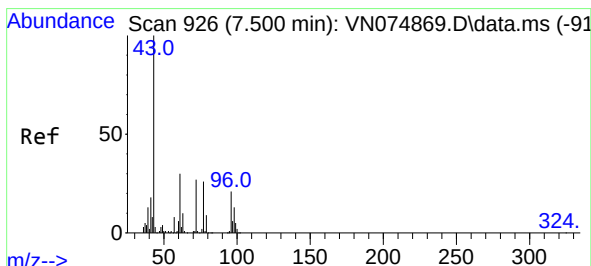
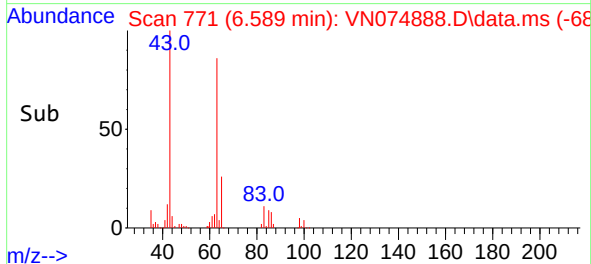
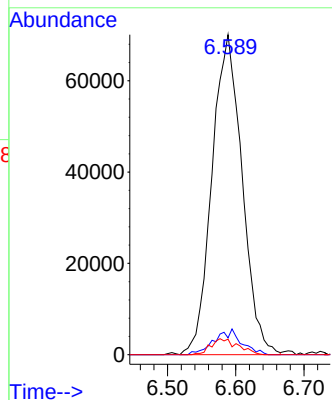
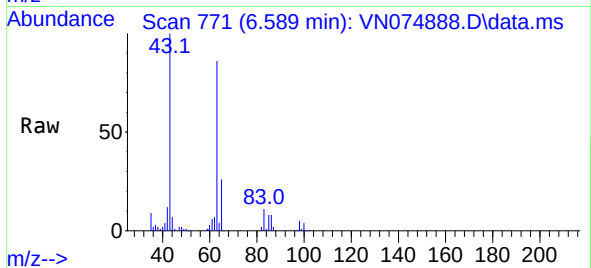




#21
1,1-Dichloroethane
Concen: 22.656 ug/l
RT: 6.589 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

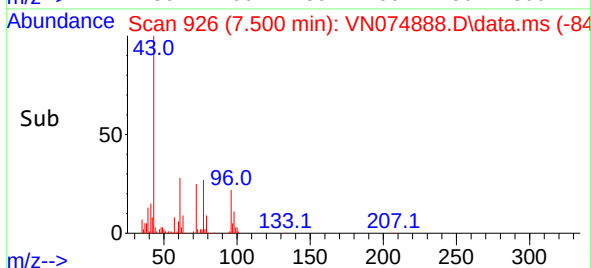
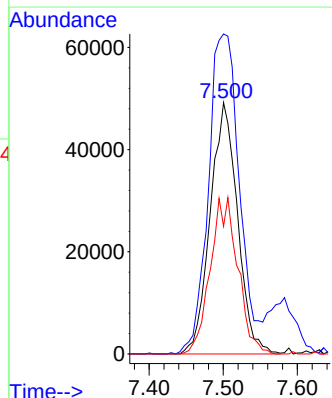
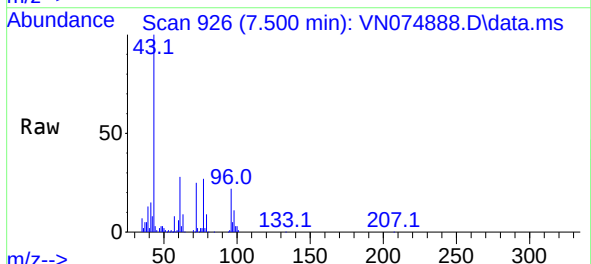
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

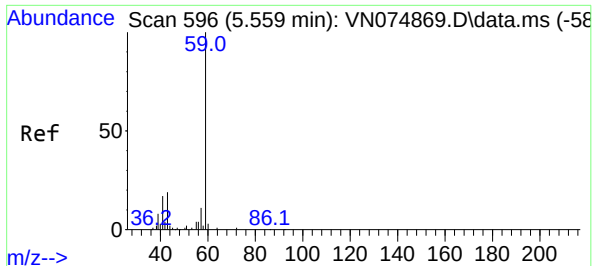
Tgt Ion: 63 Resp: 216000
Ion Ratio Lower Upper
63 100
98 5.3 3.3 9.9
100 4.8 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 22.767 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 96 Resp: 126184
Ion Ratio Lower Upper
96 100
61 141.5 118.8 178.2
98 62.8 52.1 78.1

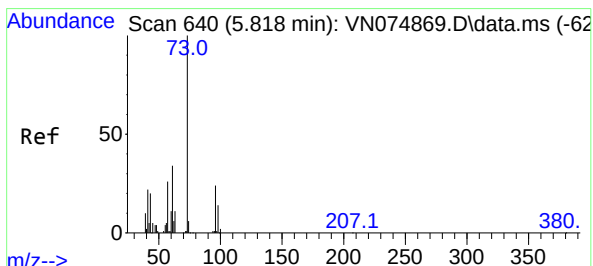
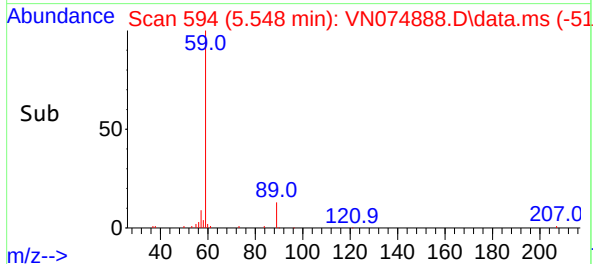
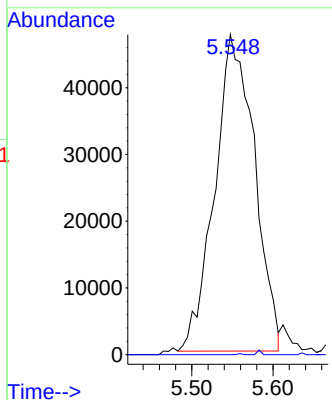
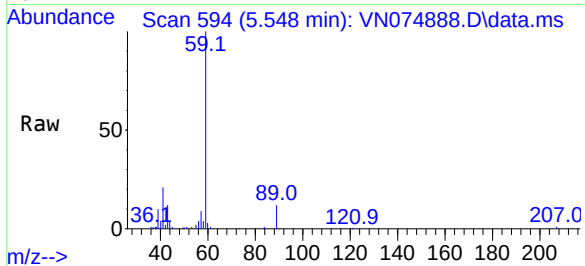




#23
tert-Butyl Alcohol
Concen: 106.050 ug/l
RT: 5.548 min Scan# 594
Delta R.T. -0.012 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

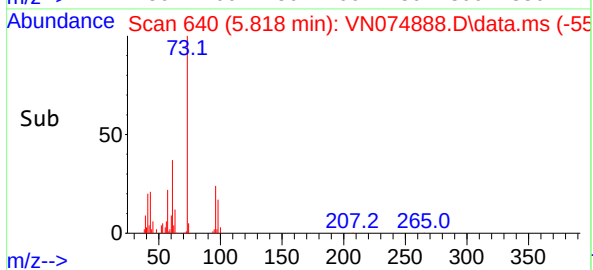
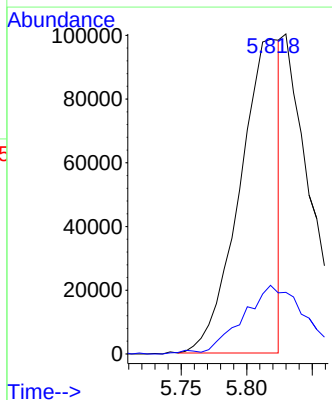
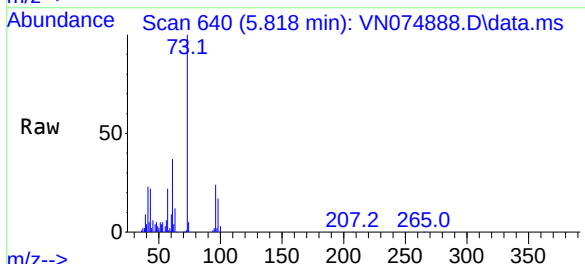
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

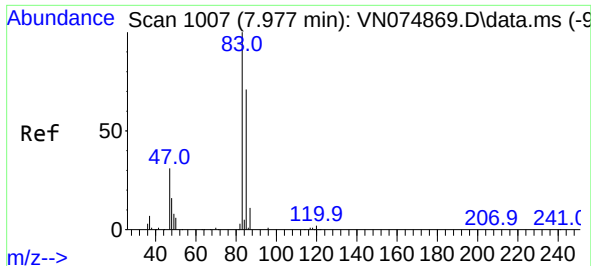
Tgt Ion: 59 Resp: 161962
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 12.443 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 73 Resp: 209528
Ion Ratio Lower Upper
73 100
43 33.8 15.6 23.4#

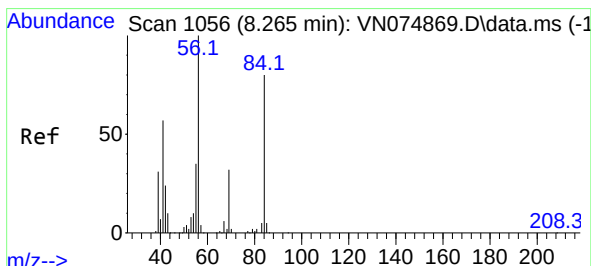
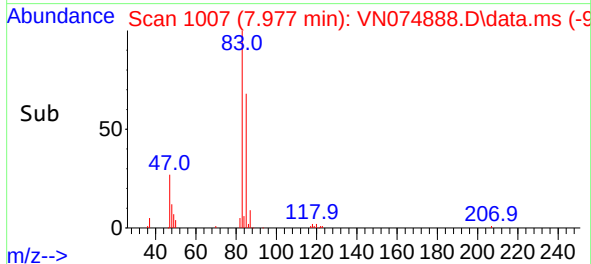
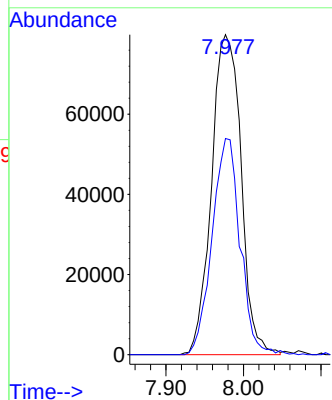
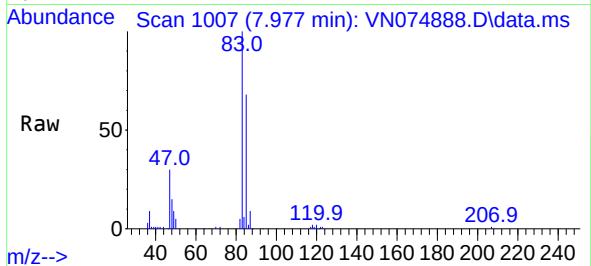




#25
Chloroform
Concen: 22.367 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

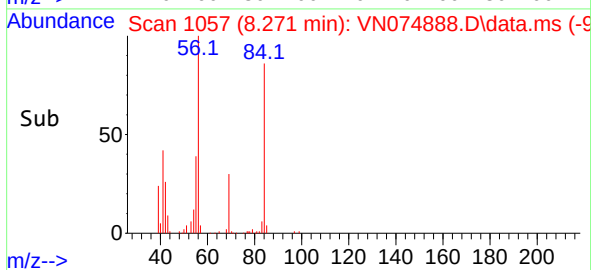
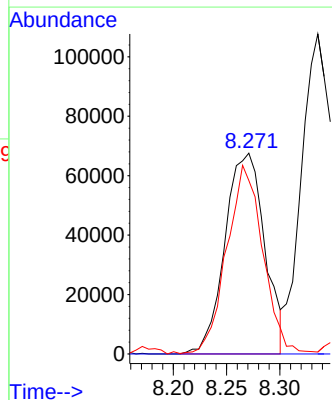
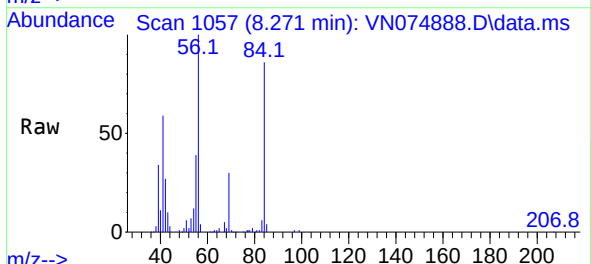
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

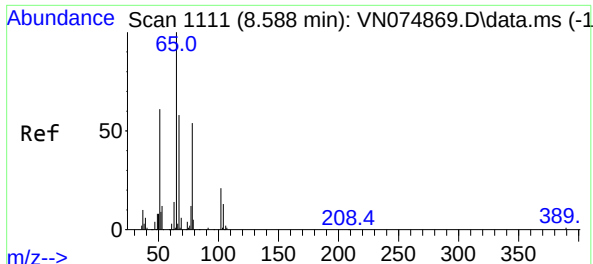
Tgt Ion: 83 Resp: 211753
Ion Ratio Lower Upper
83 100
85 67.5 53.6 80.4



#26
Cyclohexane
Concen: 20.909 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 56 Resp: 175105
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.5 68.4 102.6

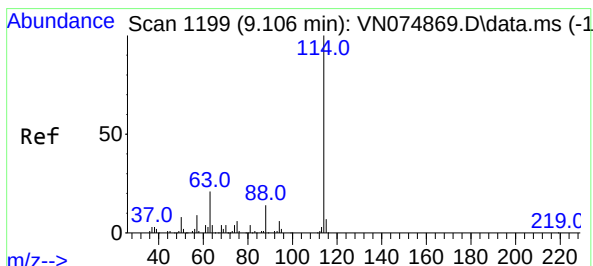
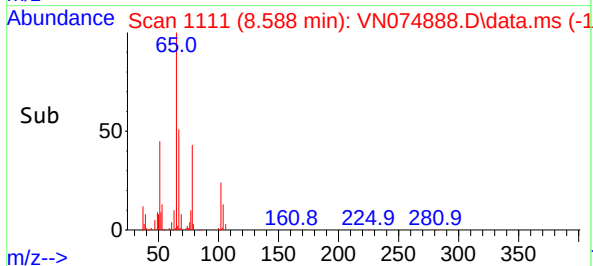
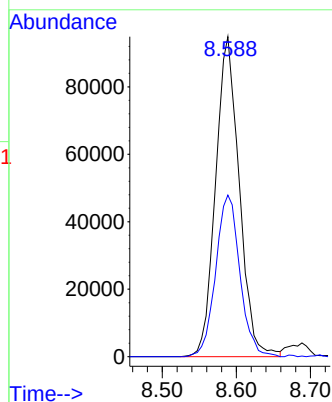
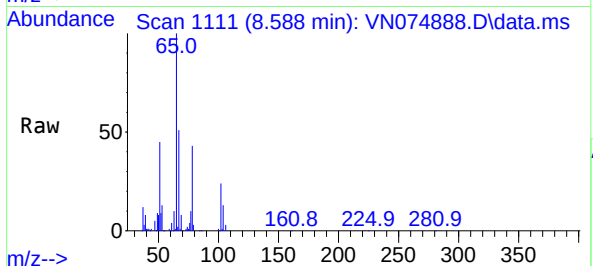




#27
1,2-Dichloroethane-d4
Concen: 34.041 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

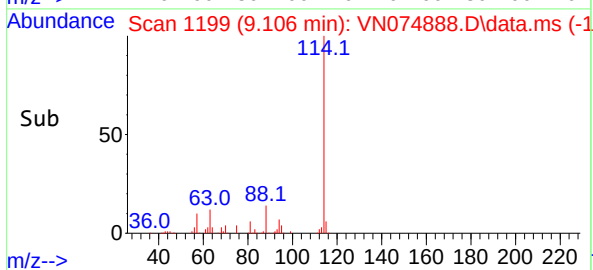
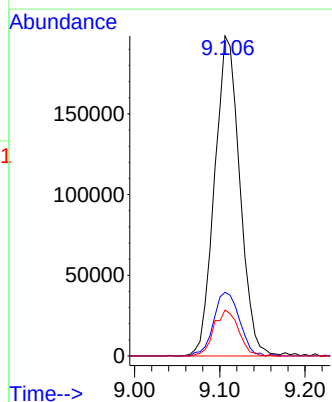
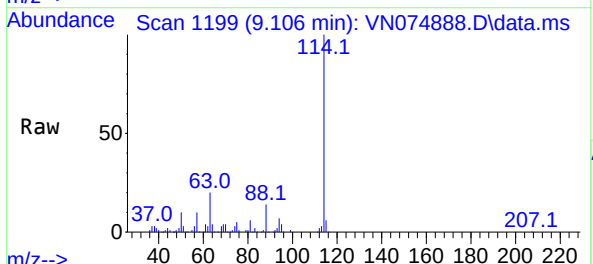
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

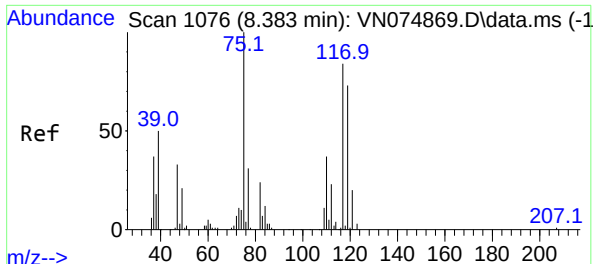
Tgt Ion: 65 Resp: 210551
Ion Ratio Lower Upper
65 100
67 51.5 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 114 Resp: 407308
Ion Ratio Lower Upper
114 100
63 20.4 16.6 25.0
88 14.1 12.2 18.4

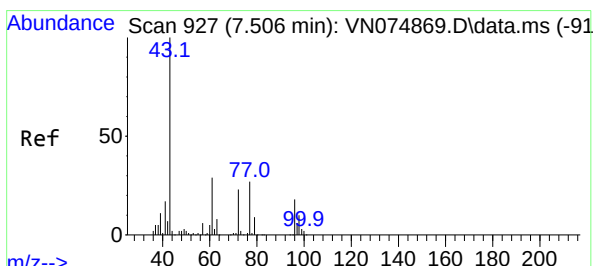
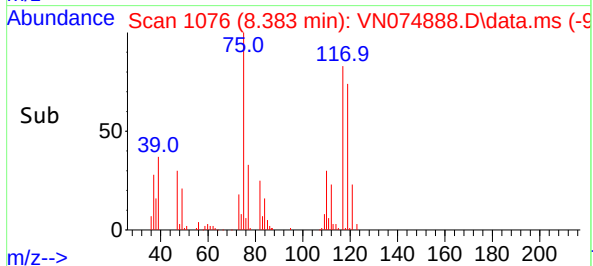
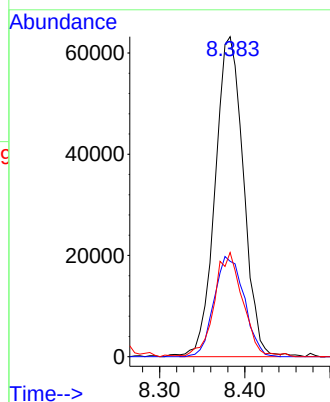
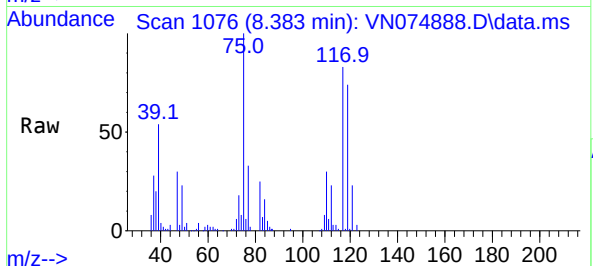




#29
1,1-Dichloropropene
Concen: 19.787 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

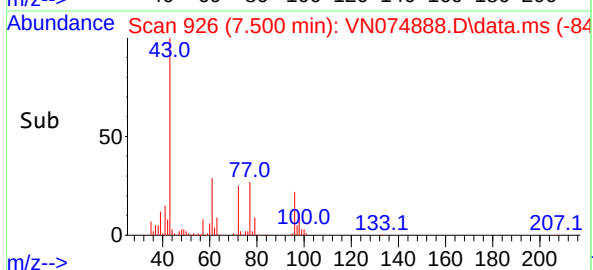
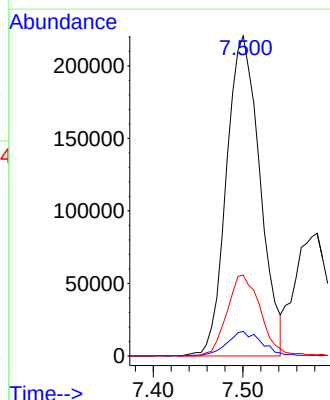
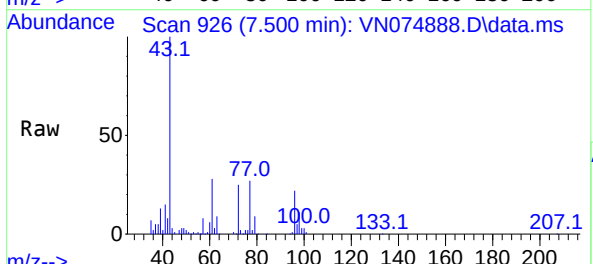
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

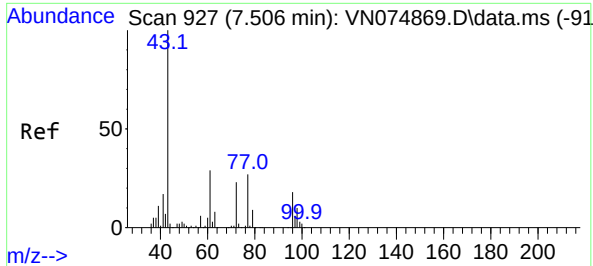
Tgt Ion: 75 Resp: 145420
Ion Ratio Lower Upper
75 100
110 33.3 0.0 72.2
77 32.3 0.0 64.0



#30
2-Butanone
Concen: 97.558 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 43 Resp: 572059
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 25.1 21.0 31.4

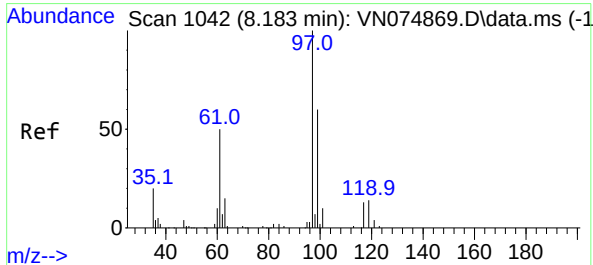
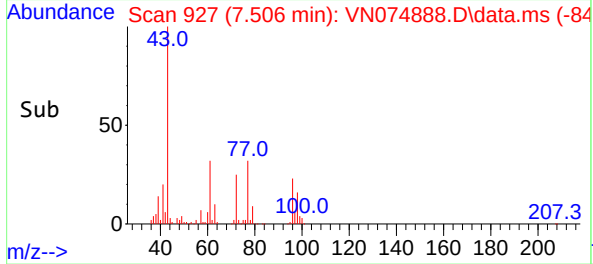
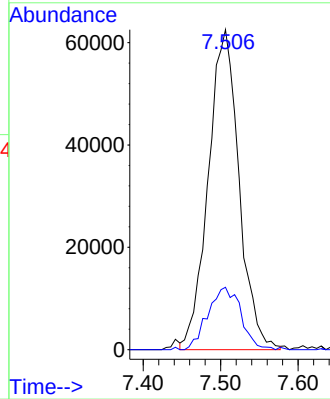
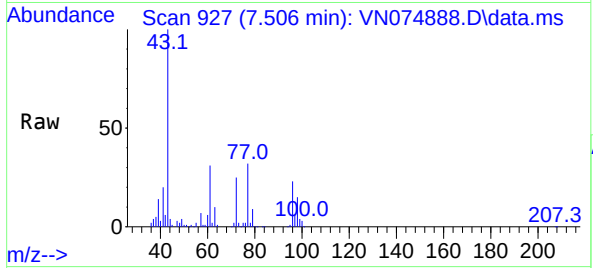




#31
2,2-Dichloropropane
Concen: 19.153 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

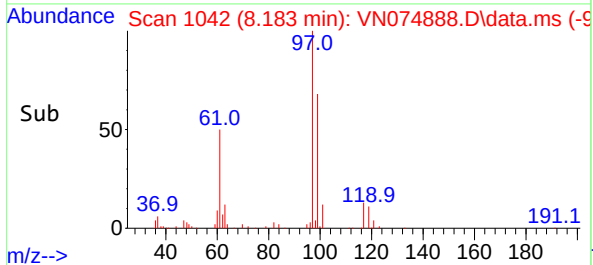
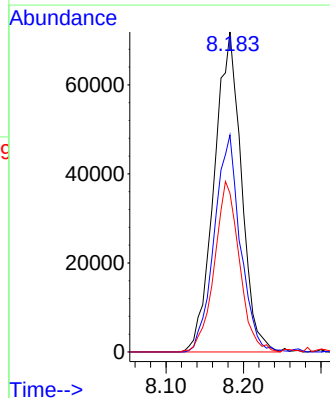
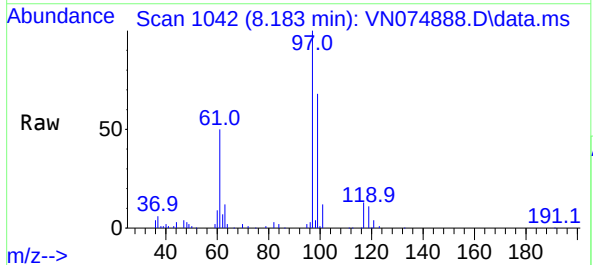
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

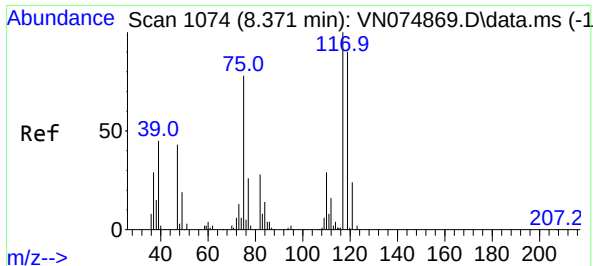
Tgt Ion: 77 Resp: 172303
Ion Ratio Lower Upper
77 100
97 20.8 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 19.872 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 97 Resp: 175141
Ion Ratio Lower Upper
97 100
99 65.1 50.0 75.0
61 49.3 36.1 54.1

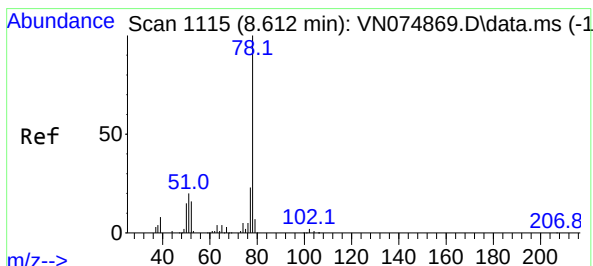
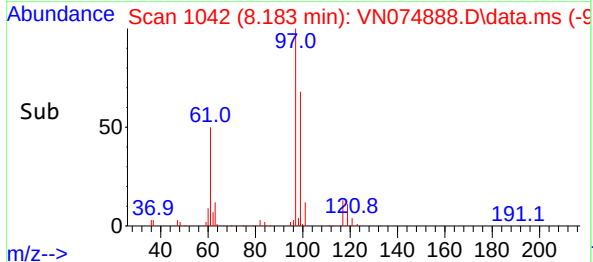
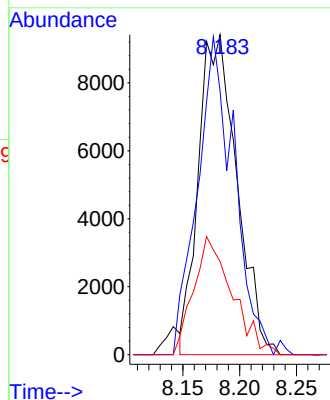
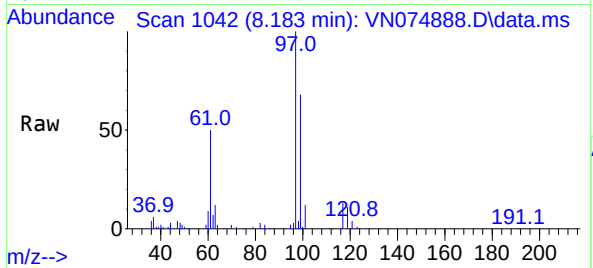




#33
Carbon Tetrachloride
Concen: 3.065 ug/l
RT: 8.183 min Scan# 110
Delta R.T. -0.188 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

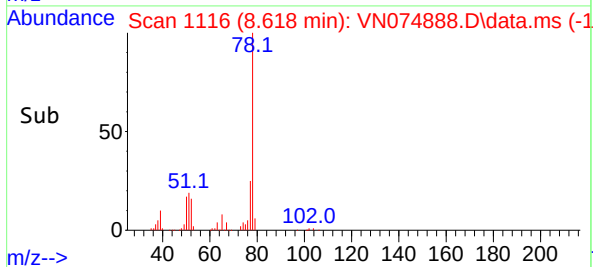
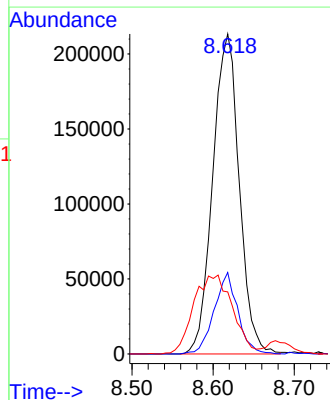
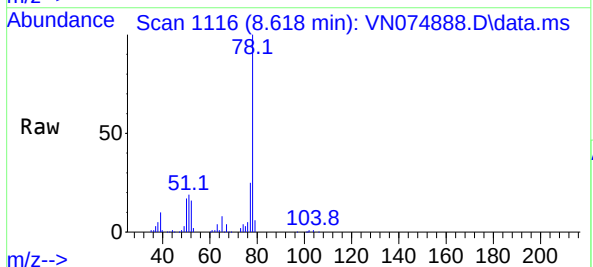
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

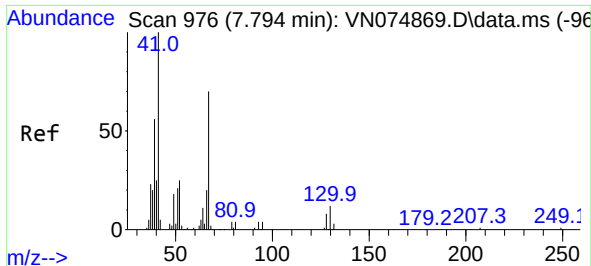
Tgt Ion:117 Resp: 22185
Ion Ratio Lower Upper
117 100
119 78.0 77.8 116.6
121 29.2 27.6 41.4



#34
Benzene
Concen: 19.923 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 78 Resp: 483987
Ion Ratio Lower Upper
78 100
77 25.4 19.9 29.9
51 16.4 21.1 31.7#



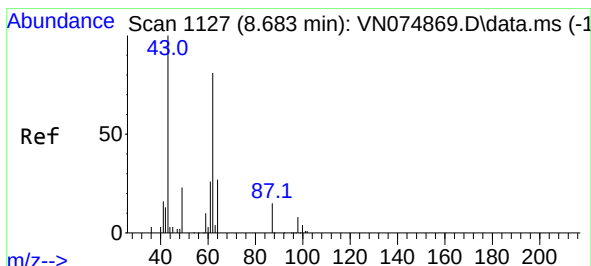
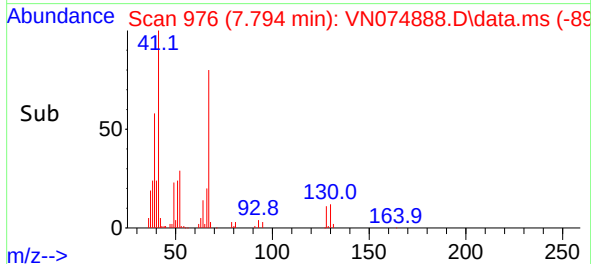
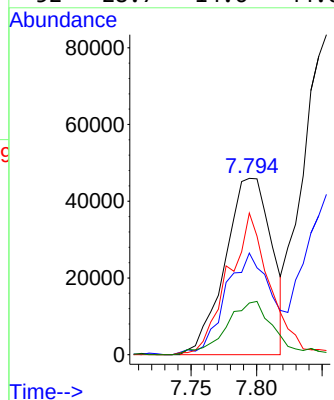
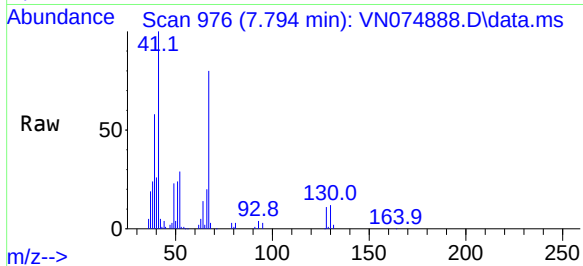


#35
Methacrylonitrile
Concen: 18.836 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

Tgt Ion: 41 Resp: 113514

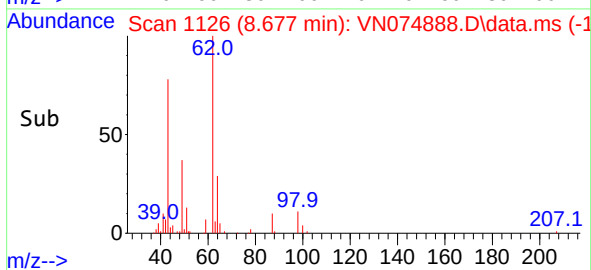
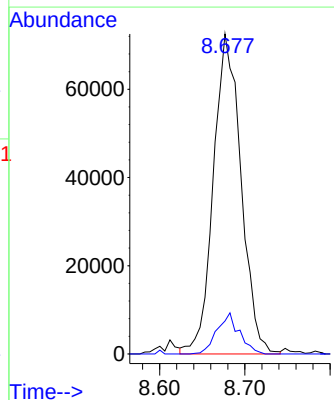
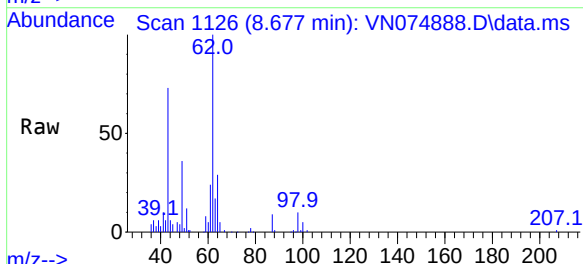
Ion	Ratio	Lower	Upper
41	100		
39	56.3	27.7	83.1
67	79.2	38.0	113.9
52	28.7	14.6	44.0

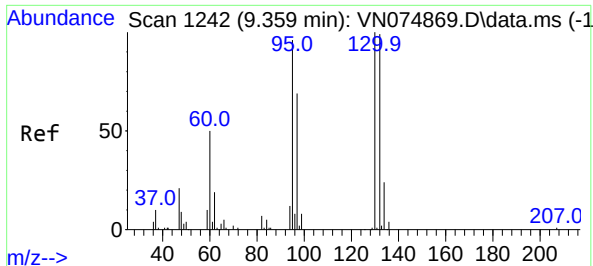


#36
1,2-Dichloroethane
Concen: 20.237 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 62 Resp: 163709

Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.4	11.2

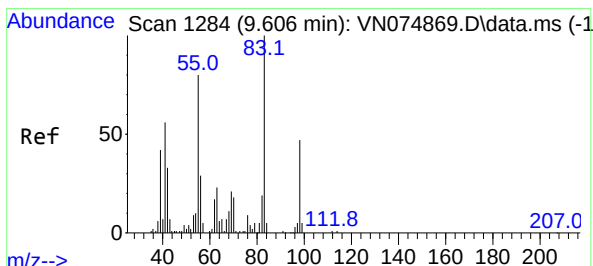
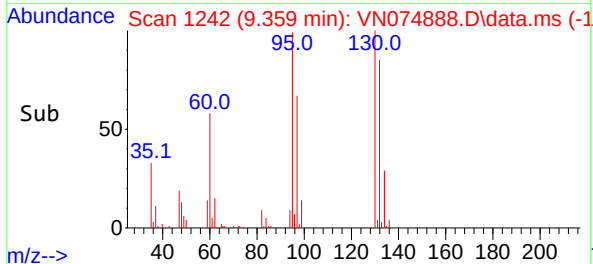
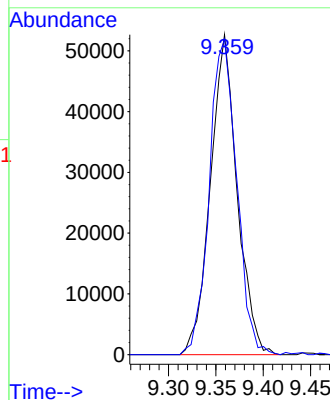
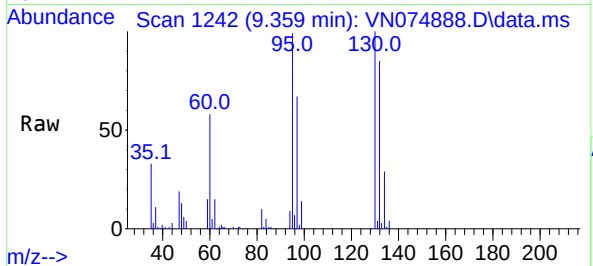




#37
Trichloroethene
Concen: 20.485 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

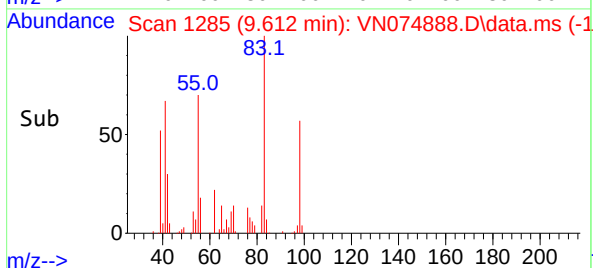
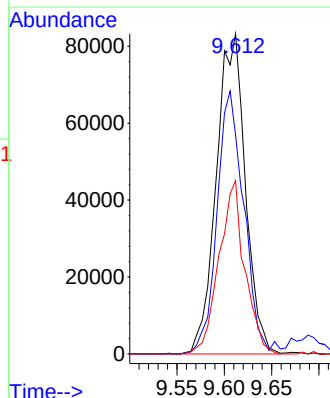
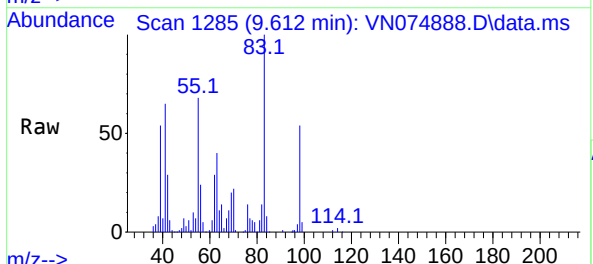
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

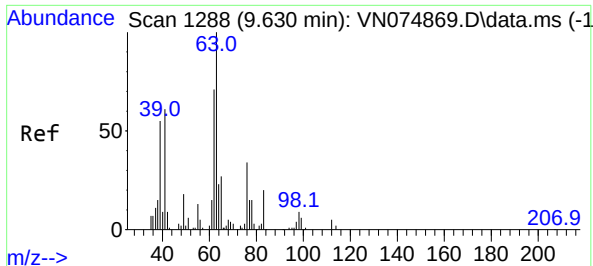
Tgt Ion:130 Resp: 103491
Ion Ratio Lower Upper
130 100
95 98.6 75.9 113.9



#38
Methylcyclohexane
Concen: 19.882 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 83 Resp: 177508
Ion Ratio Lower Upper
83 100
55 75.5 37.4 112.2
98 48.0 24.5 73.5

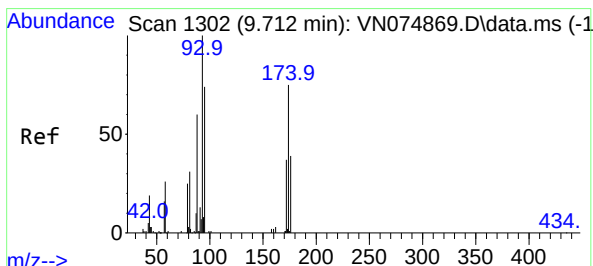
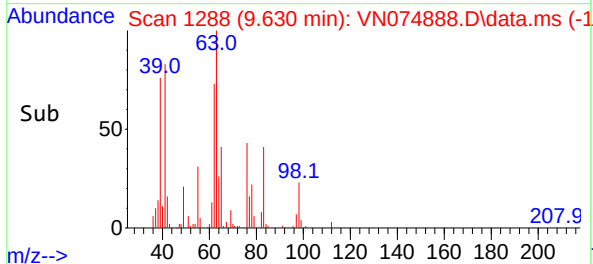
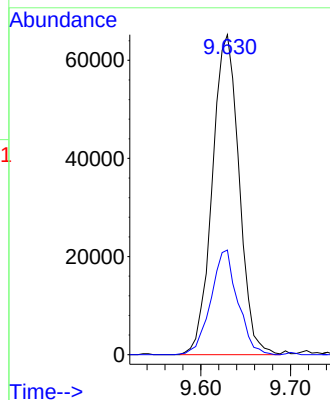
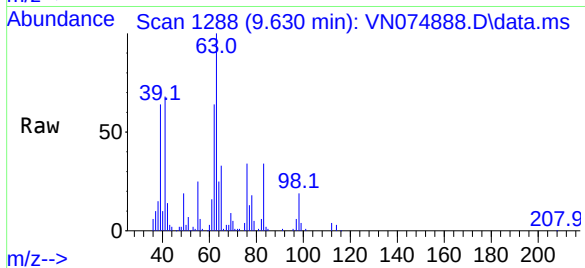




#39
1,2-Dichloropropane
Concen: 21.482 ug/l
RT: 9.630 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

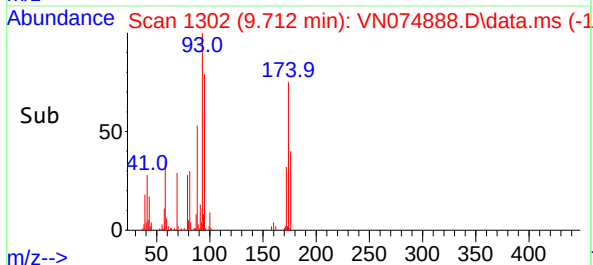
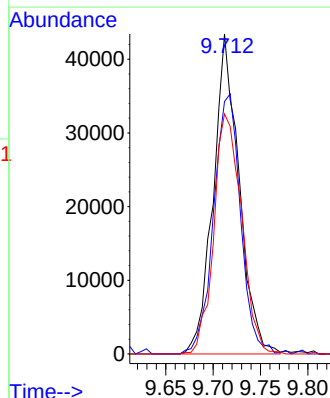
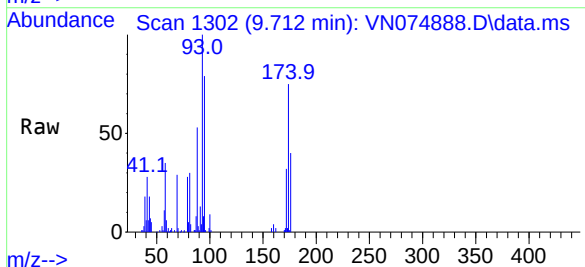
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

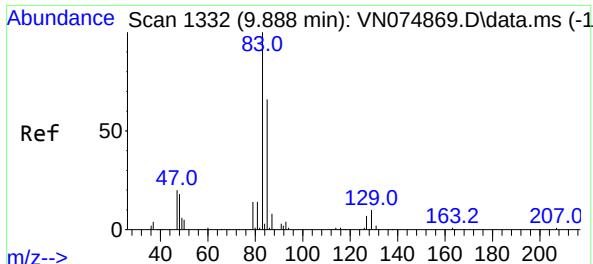
Tgt Ion: 63 Resp: 135282
Ion Ratio Lower Upper
63 100
65 32.7 25.0 37.6



#40
Dibromomethane
Concen: 19.785 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 93 Resp: 82563
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.0
174 80.4 0.0 158.4

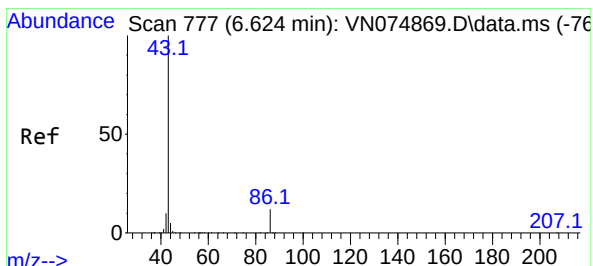
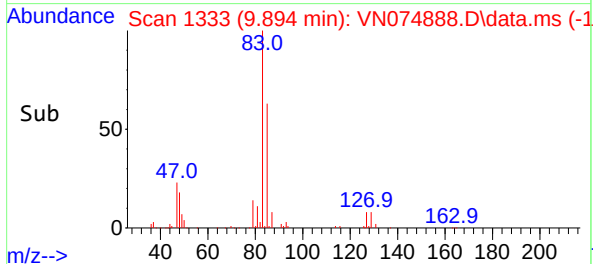
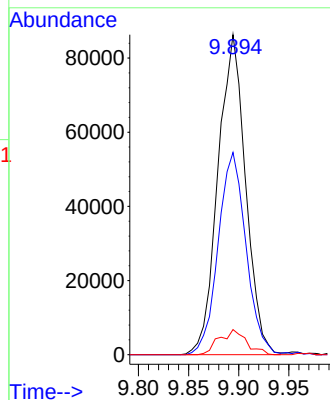
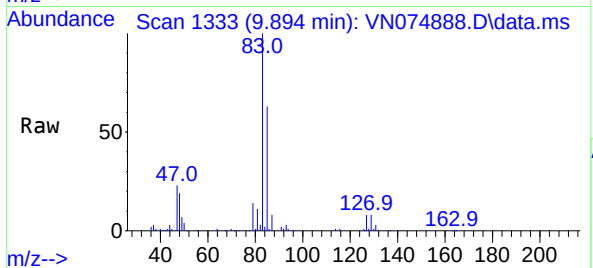




#41
Bromodichloromethane
Concen: 20.370 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

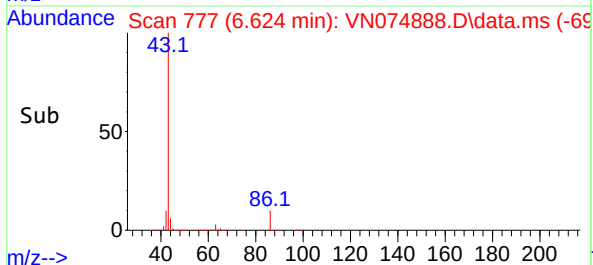
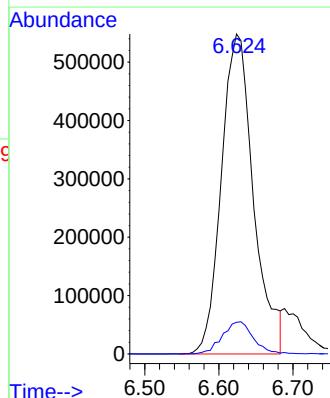
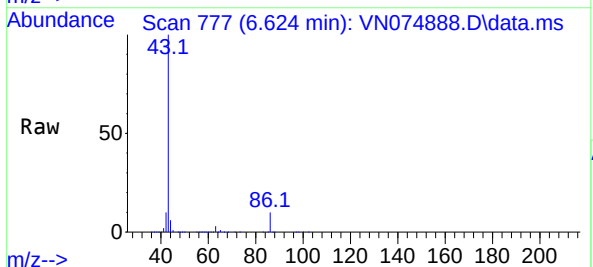
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

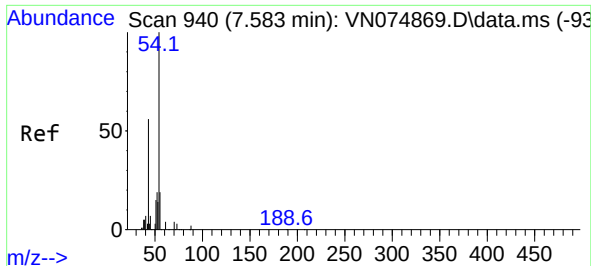
Tgt Ion: 83 Resp: 165547
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 7.9 5.1 7.7#



#42
Vinyl Acetate
Concen: 94.579 ug/l
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 43 Resp: 1652014
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3

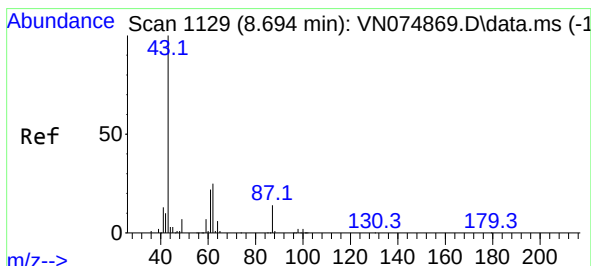
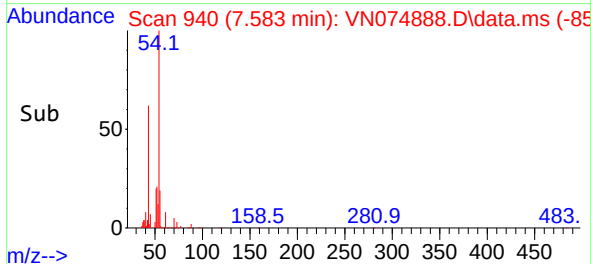
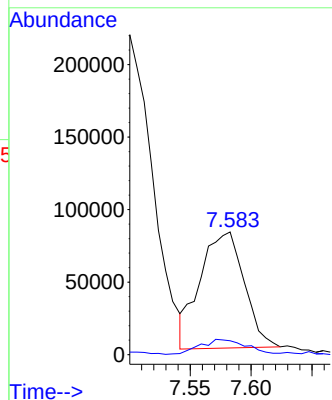
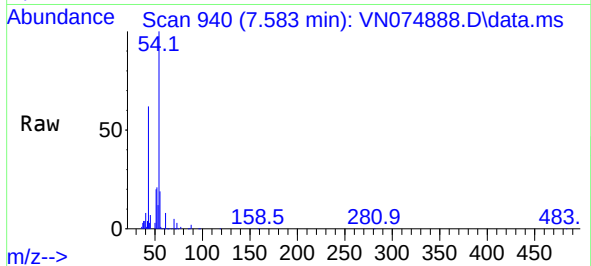




#43
Ethyl Acetate
Concen: 17.710 ug/l
RT: 7.583 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

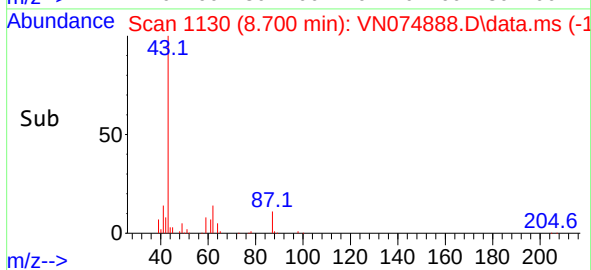
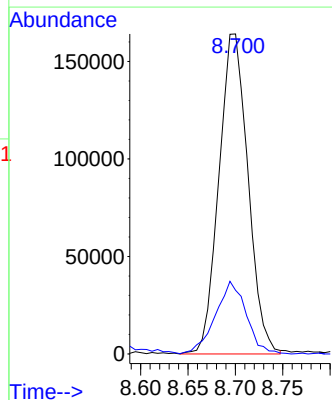
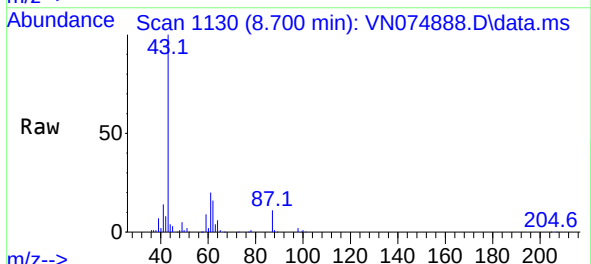
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

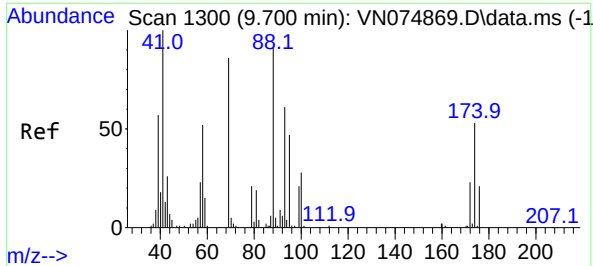
Tgt Ion: 43 Resp: 201909
Ion Ratio Lower Upper
43 100
45 13.8 11.5 17.3



#44
Isopropyl Acetate
Concen: 19.910 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 43 Resp: 351010
Ion Ratio Lower Upper
43 100
61 24.1 19.5 29.3

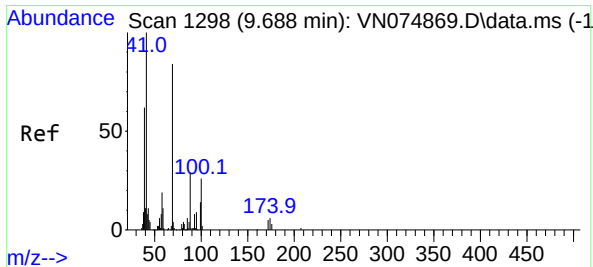
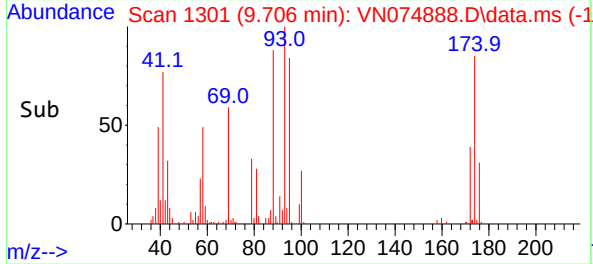
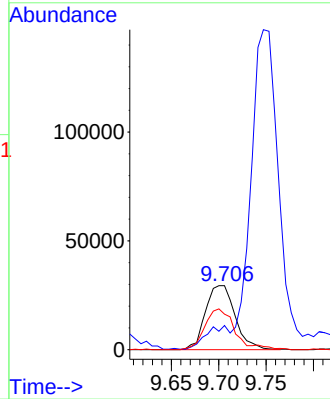
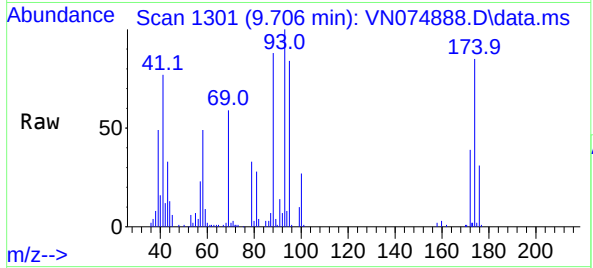




#45
1,4-Dioxane
Concen: 398.616 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

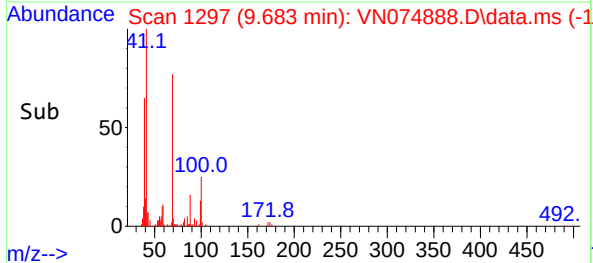
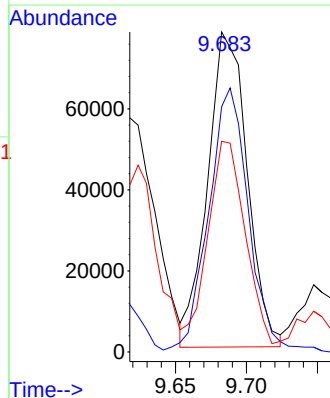
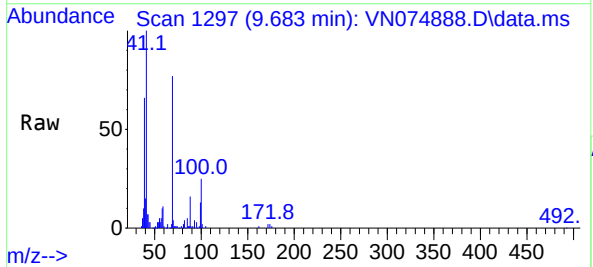
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

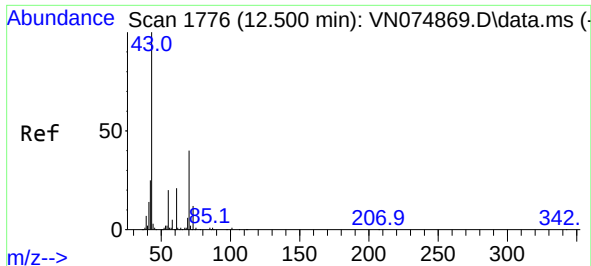
Tgt Ion: 88 Resp: 64441
Ion Ratio Lower Upper
88 100
43 28.9 25.7 38.5
58 60.6 53.4 80.2



#46
Methyl methacrylate
Concen: 19.716 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 41 Resp: 150543
Ion Ratio Lower Upper
41 100
69 77.9 45.6 136.7
39 66.1 32.3 96.9

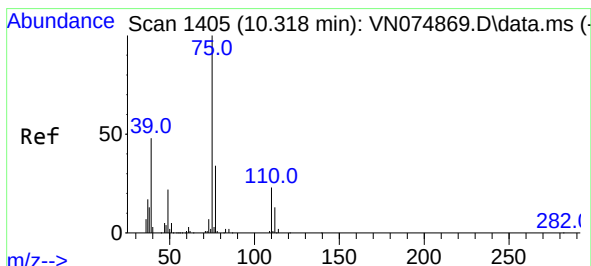
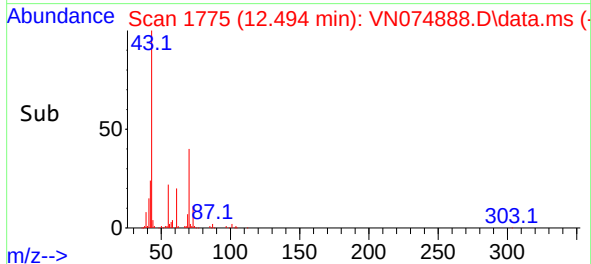
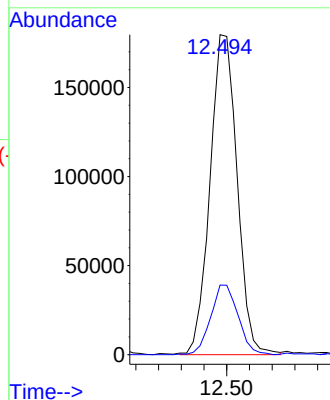
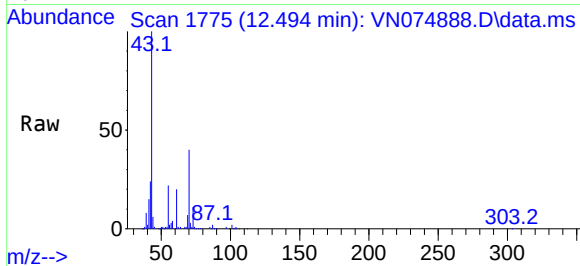




#47
n-amy1 Acetate
Concen: 19.346 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

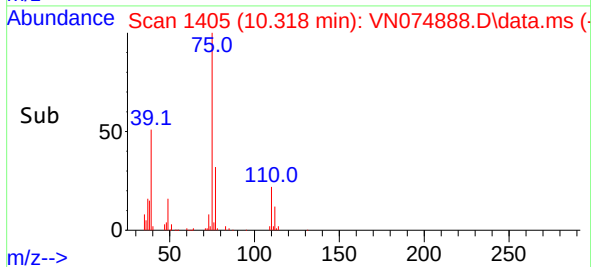
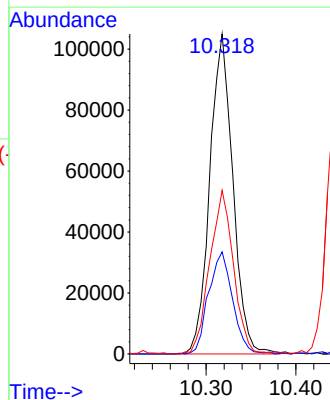
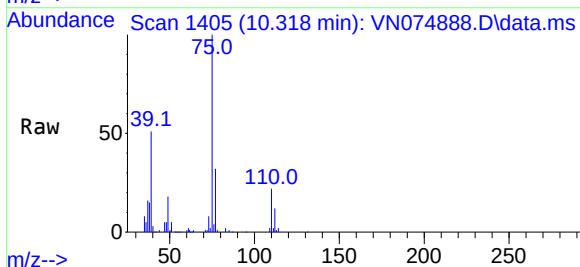
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

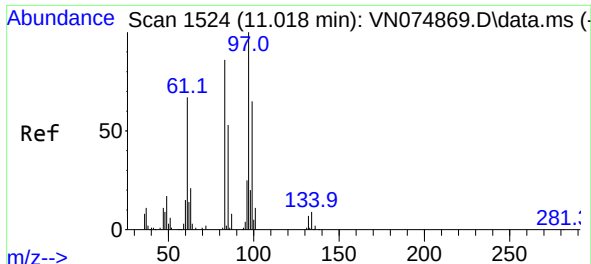
Tgt Ion: 43 Resp: 298423
Ion Ratio Lower Upper
43 100
55 22.0 16.8 25.2



#49
cis-1,3-Dichloropropene
Concen: 18.979 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 75 Resp: 187665
Ion Ratio Lower Upper
75 100
77 31.7 22.5 33.7
39 51.1 37.6 56.4



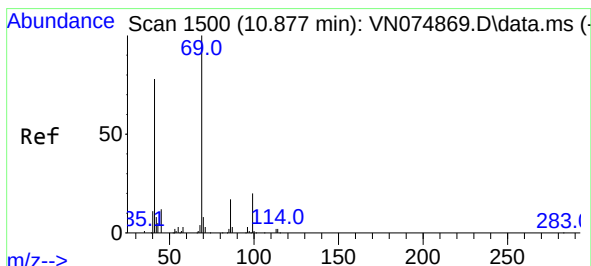
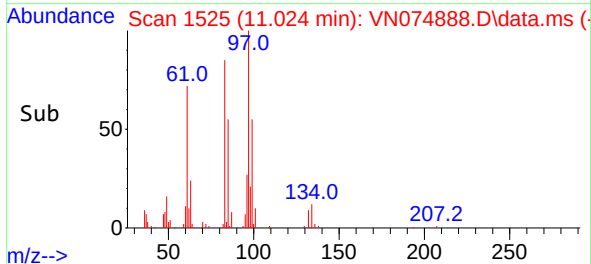
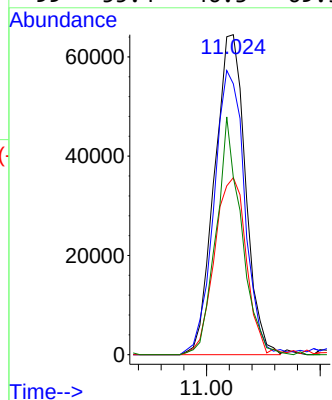
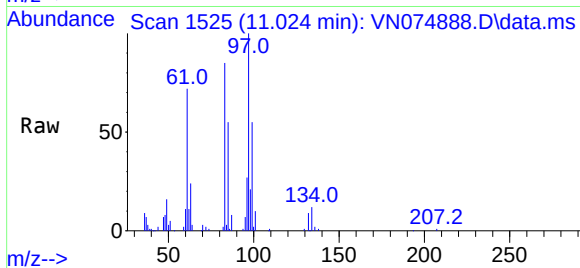


#50
1,1,2-Trichloroethane
Concen: 19.860 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

Tgt Ion: 97 Resp: 121962

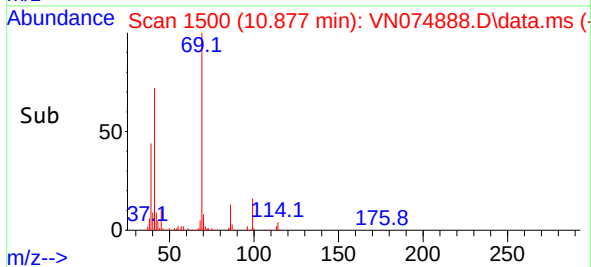
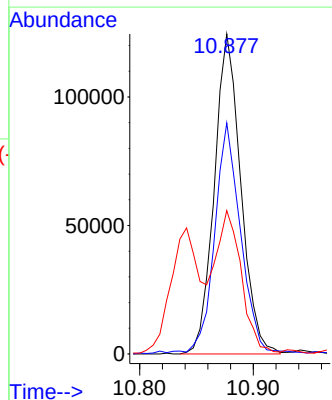
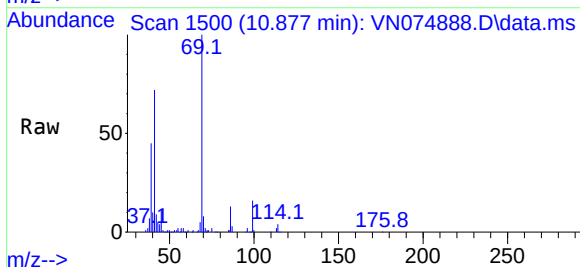
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.2	103.8
85	55.3	41.4	62.2
99	55.4	46.3	69.5

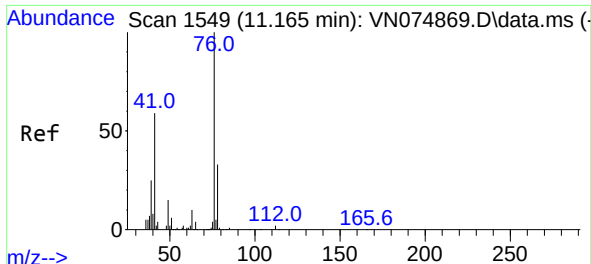


#51
Ethyl methacrylate
Concen: 19.336 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 69 Resp: 201918

Ion	Ratio	Lower	Upper
69	100		
41	71.3	32.5	97.5
39	44.2	21.5	64.5





#52

1,3-Dichloropropane

Concen: 20.280 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN074888.D

Acq: 12 Oct 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

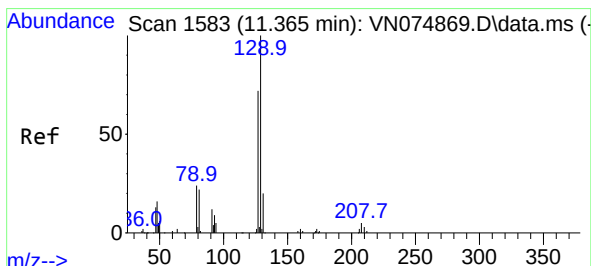
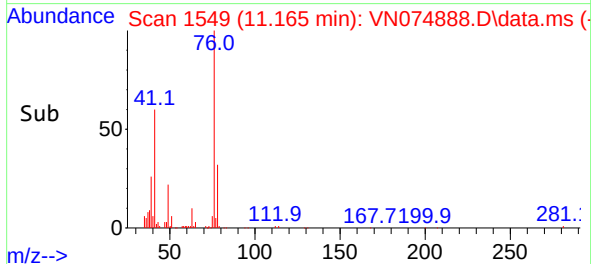
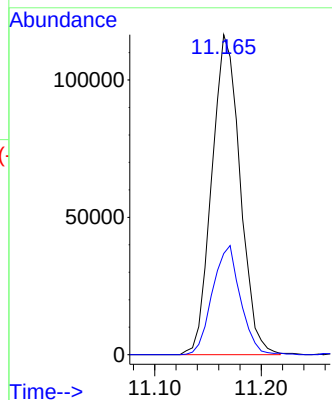
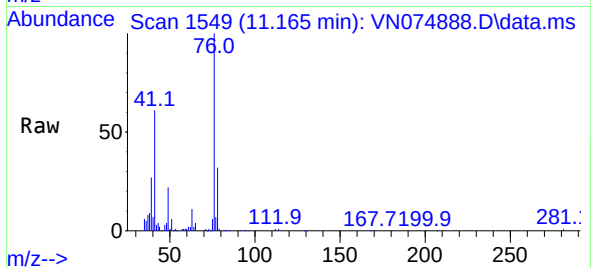
VN1012WBSD02

Tgt Ion: 76 Resp: 214959

Ion Ratio Lower Upper

76 100

78 33.7 0.0 63.8



#53

Dibromochloromethane

Concen: 19.507 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. -0.006 min

Lab File: VN074888.D

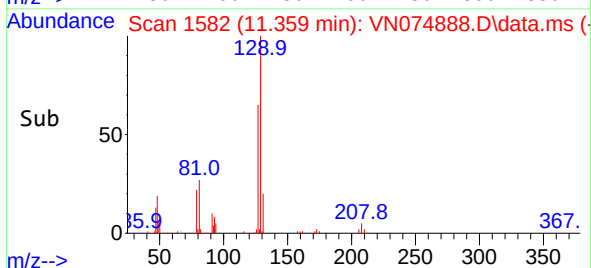
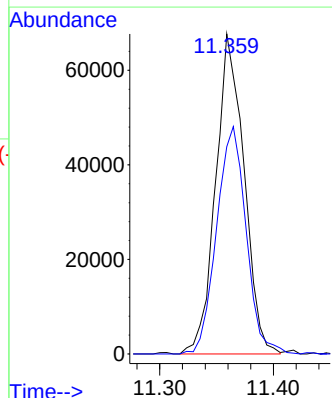
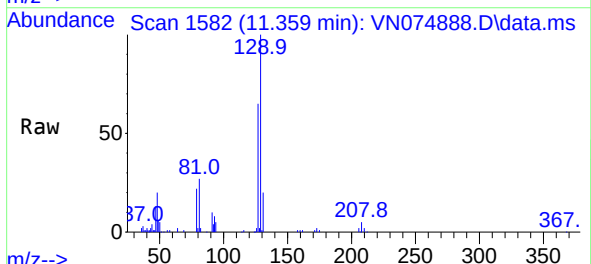
Acq: 12 Oct 2022 20:22

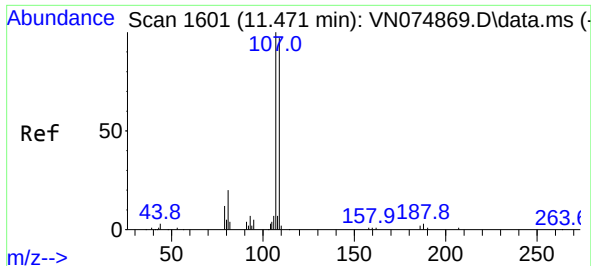
Tgt Ion: 129 Resp: 117363

Ion Ratio Lower Upper

129 100

127 74.0 40.6 121.7

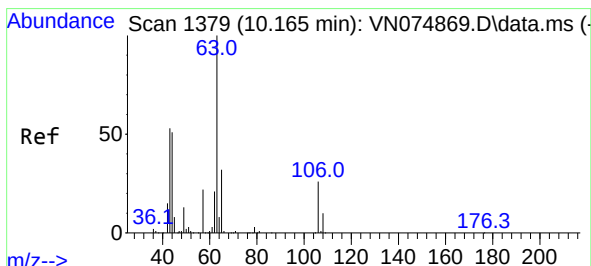
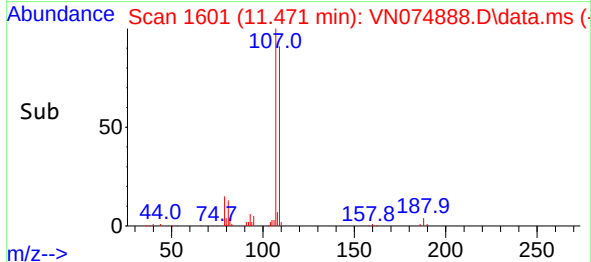
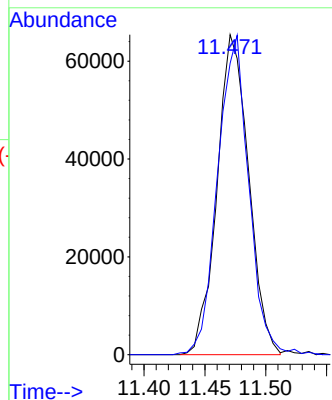
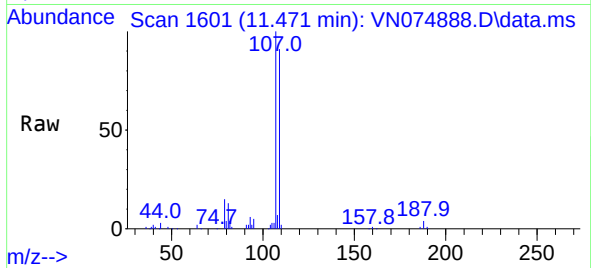




#54
1,2-Dibromoethane
Concen: 20.066 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

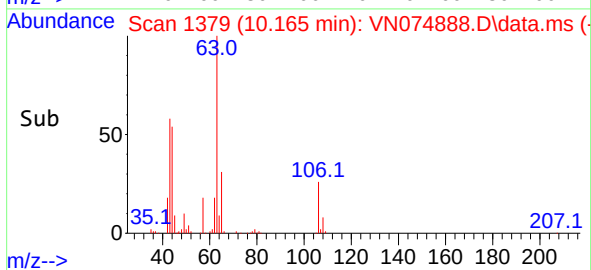
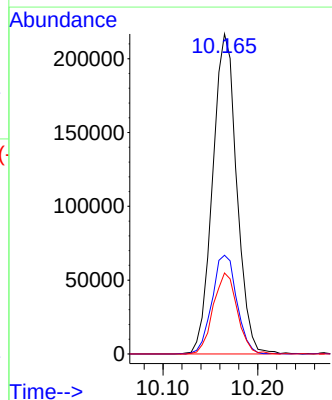
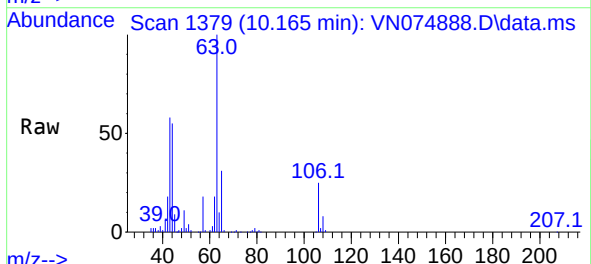
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

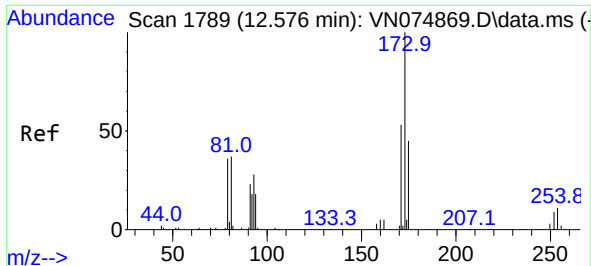
Tgt Ion:107 Resp: 118394
Ion Ratio Lower Upper
107 100
109 97.4 76.2 114.2



#55
2-Chloroethyl vinyl ether
Concen: 93.738 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 63 Resp: 382892
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8
106 25.3 21.3 31.9

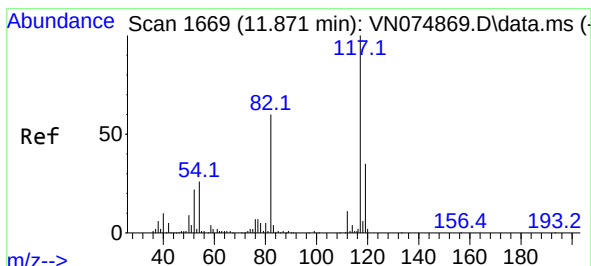
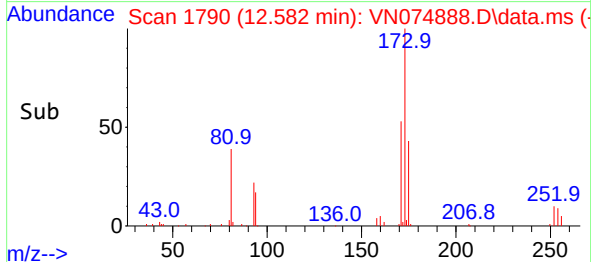
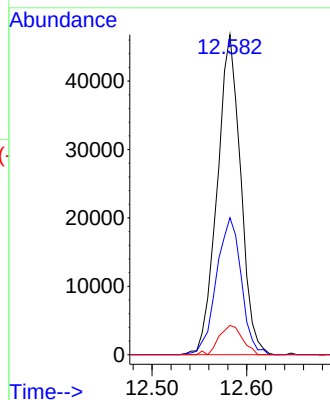
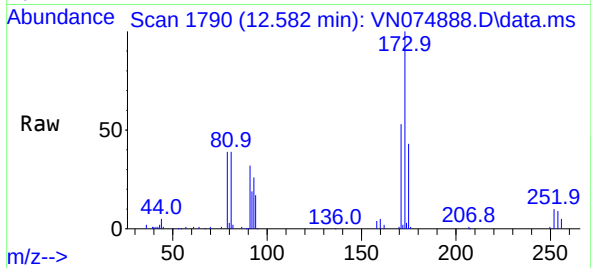




#56
Bromoform
Concen: 18.586 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

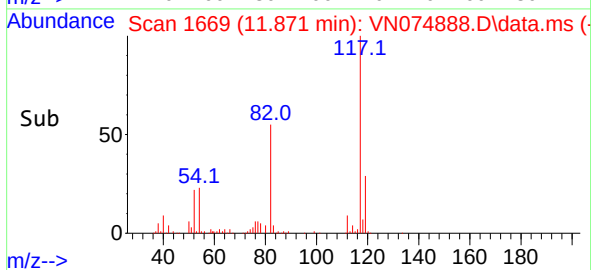
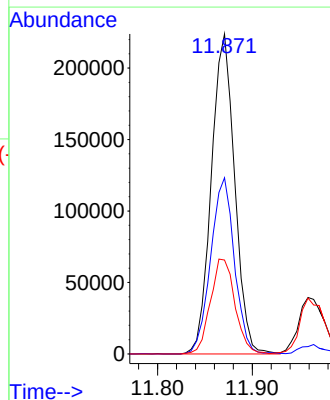
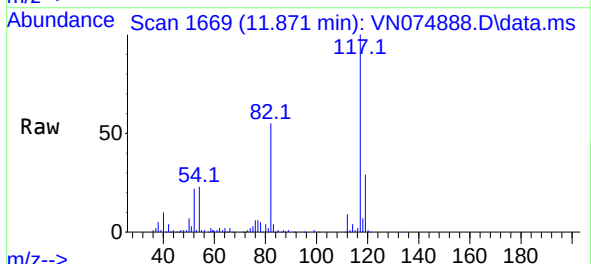
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

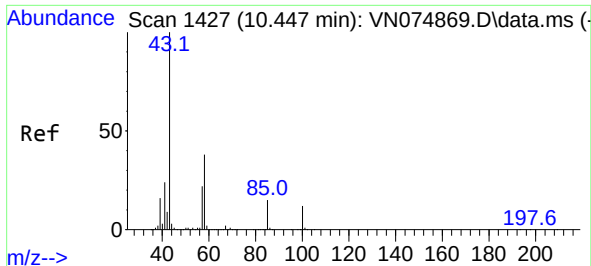
Tgt Ion:173 Resp: 80580
Ion Ratio Lower Upper
173 100
175 45.3 39.1 58.7
254 8.9 7.0 10.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:117 Resp: 382769
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.3 25.6 38.4



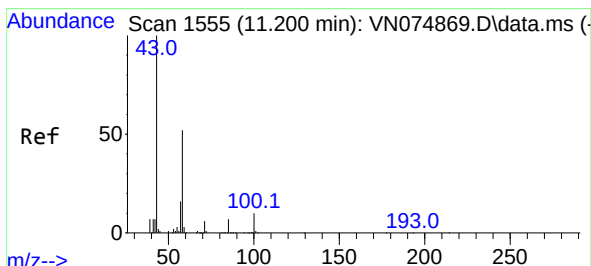
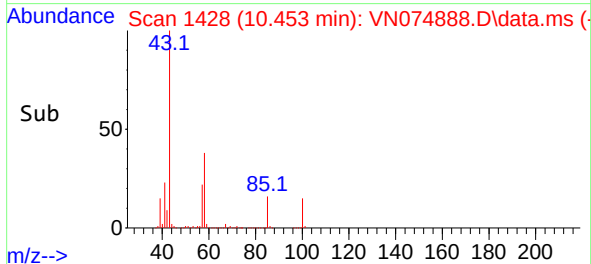
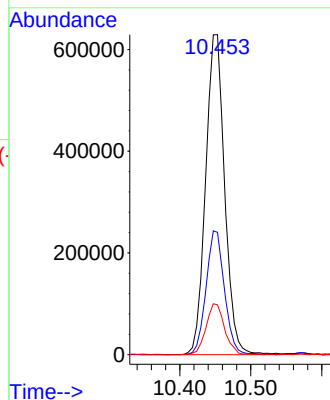
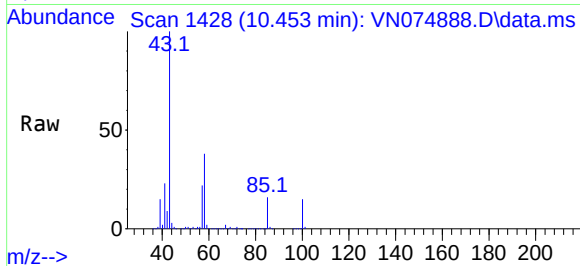


#58
4-Methyl-2-Pentanone
Concen: 98.677 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

Tgt Ion: 43 Resp: 1174673

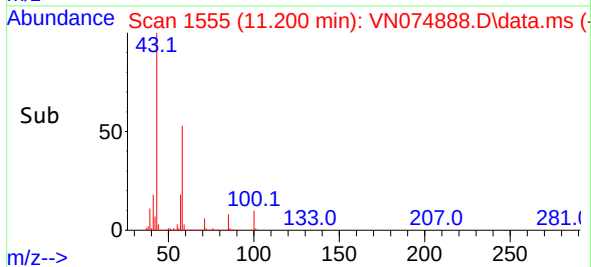
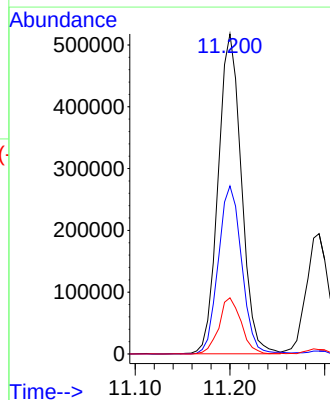
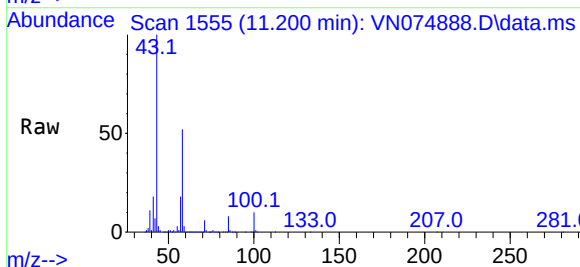
Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.8	46.2
85	15.4	13.3	19.9

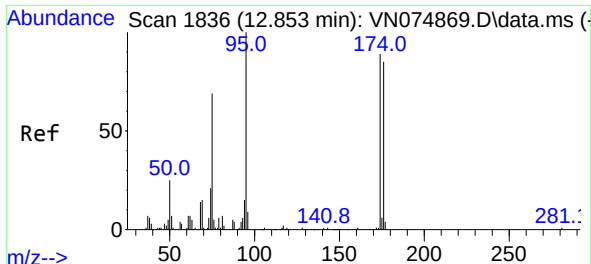


#59
2-Hexanone
Concen: 96.626 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 43 Resp: 885235

Ion	Ratio	Lower	Upper
43	100		
58	52.7	43.6	65.4
57	16.7	14.3	21.5

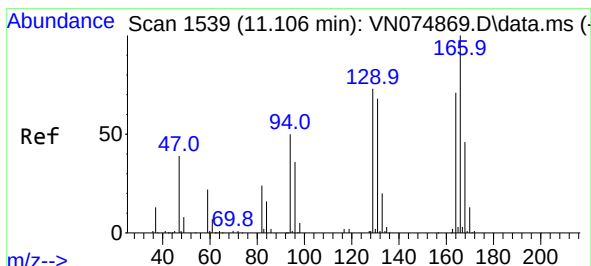
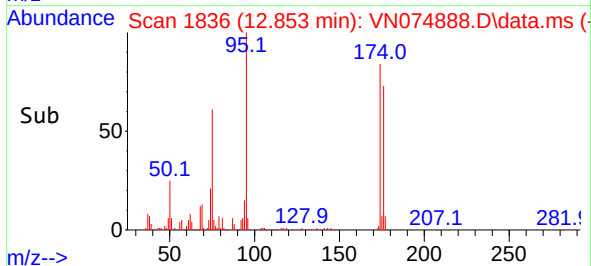
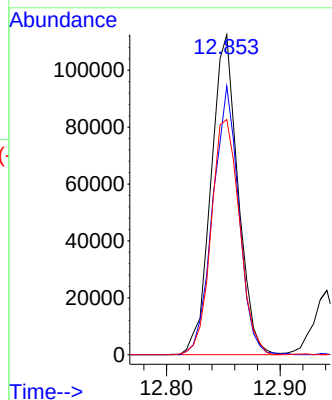
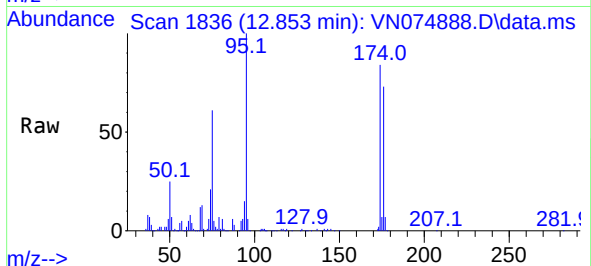




#60
4-Bromofluorobenzene
Concen: 27.301 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

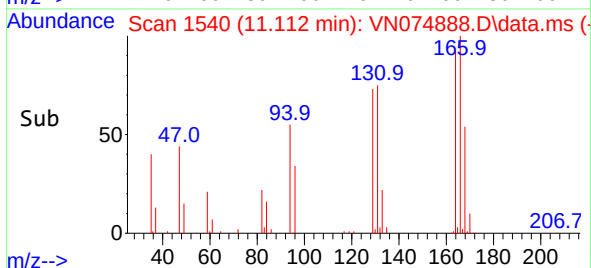
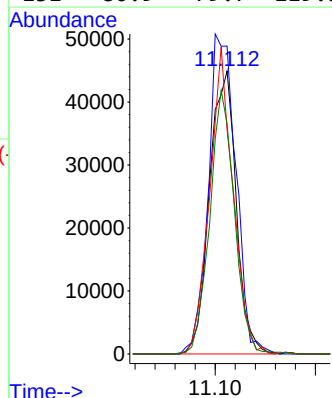
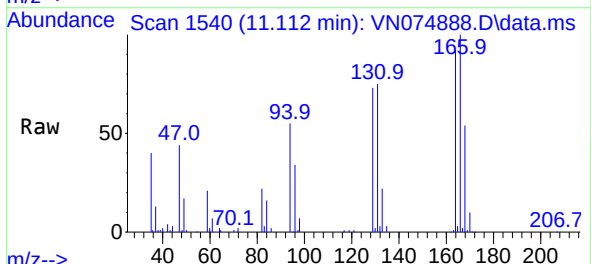
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

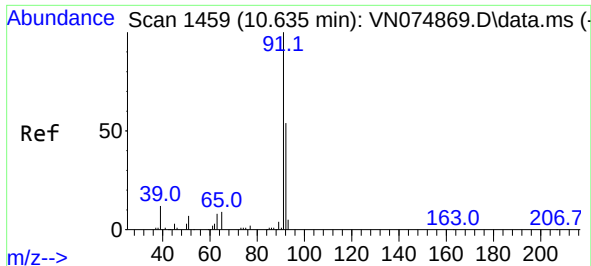
Tgt Ion: 95 Resp: 185314
Ion Ratio Lower Upper
95 100
174 80.9 57.8 86.8
176 77.5 57.0 85.4



#61
Tetrachloroethene
Concen: 20.352 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:164 Resp: 83048
Ion Ratio Lower Upper
164 100
166 108.8 99.6 149.4
129 78.8 84.0 126.0#
131 80.9 79.7 119.5

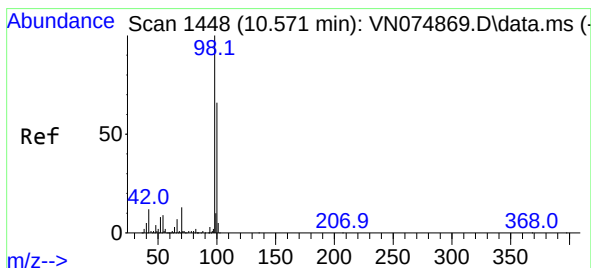
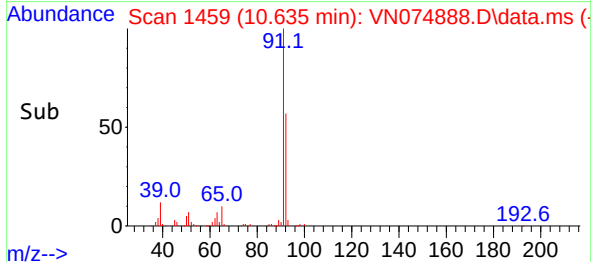
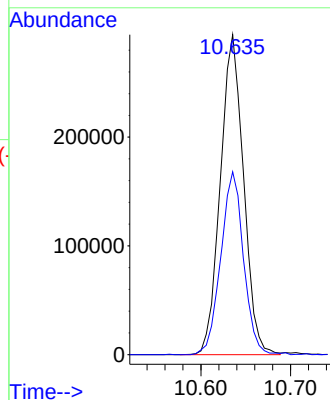
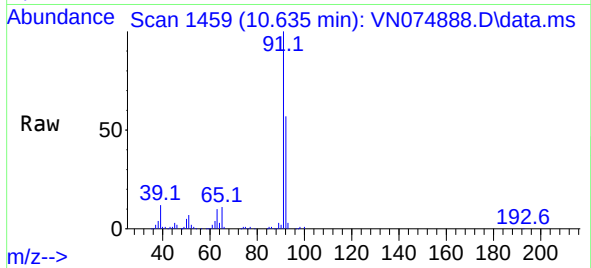




#62
Toluene
Concen: 19.970 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

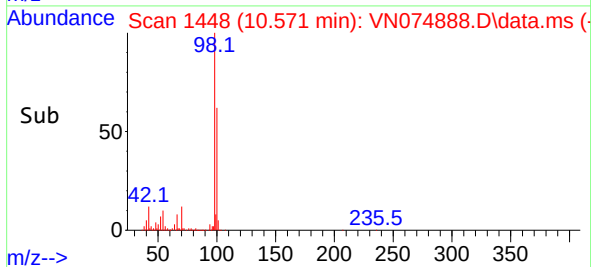
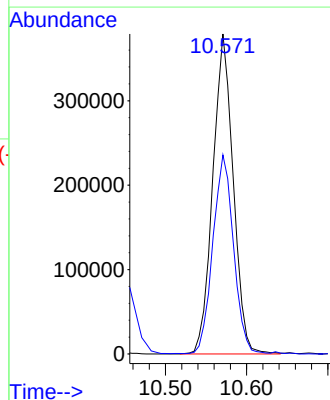
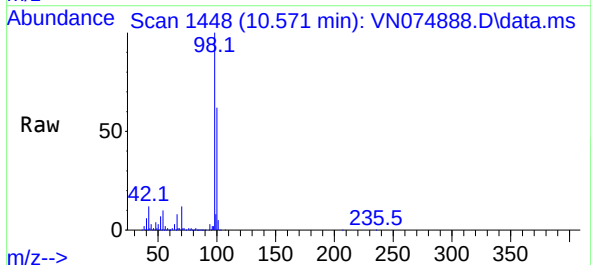
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

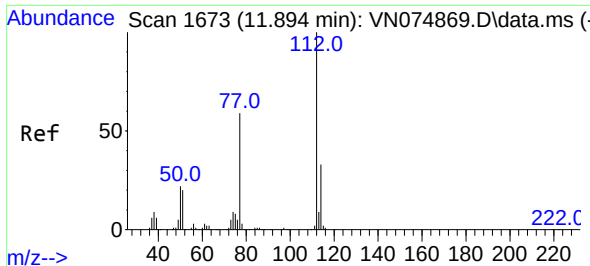
Tgt Ion: 91 Resp: 528088
Ion Ratio Lower Upper
91 100
92 56.0 46.0 69.0



#63
Toluene-d8
Concen: 29.980 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 98 Resp: 662300
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1

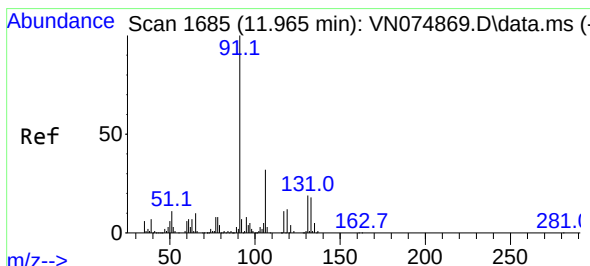
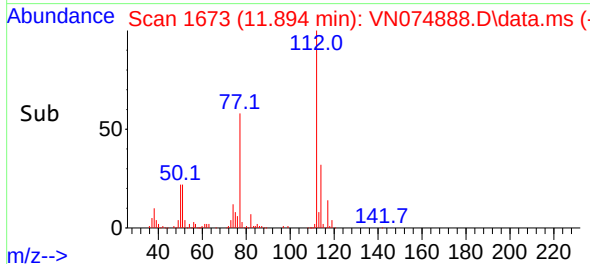
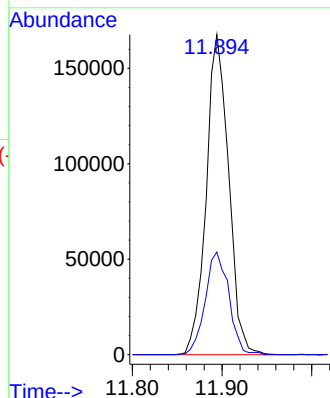
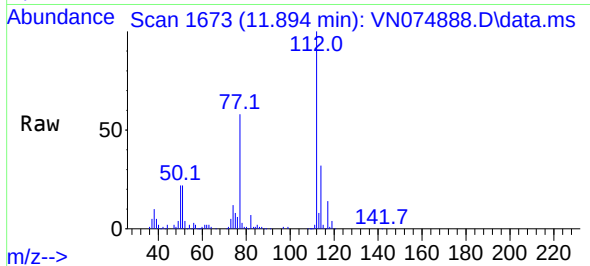




#64
Chlorobenzene
Concen: 19.323 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

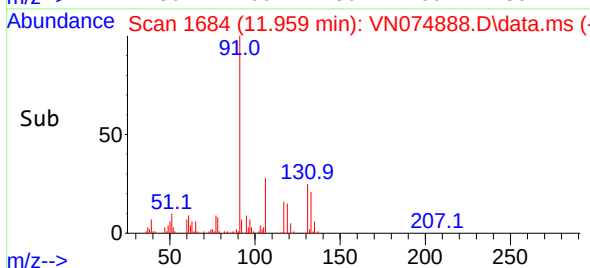
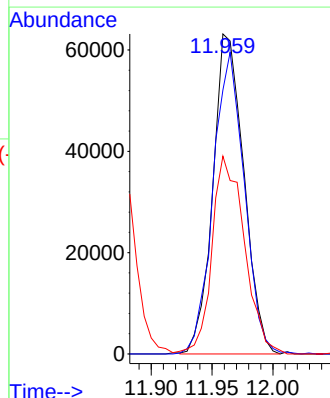
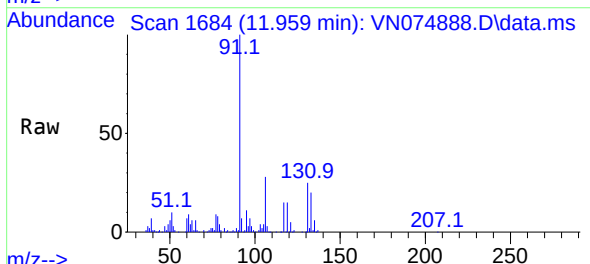
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

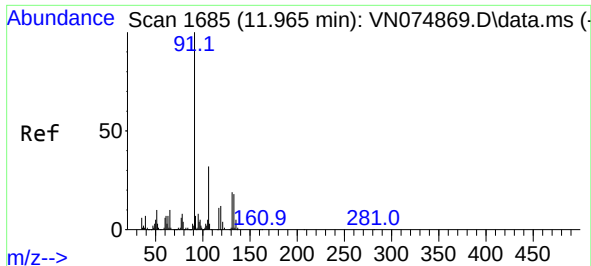
Tgt Ion:112 Resp: 290455
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 19.706 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:131 Resp: 111567
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.8
119 64.6 0.0 135.8

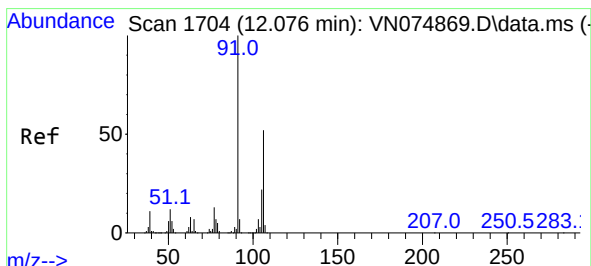
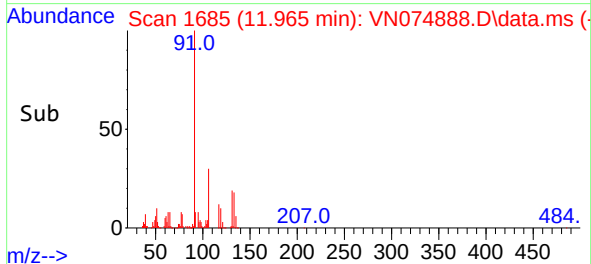
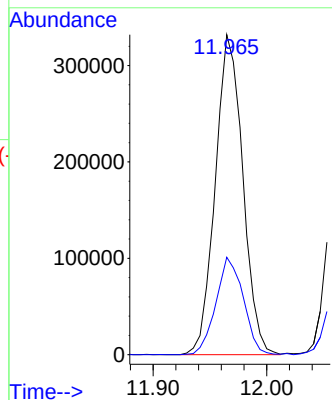
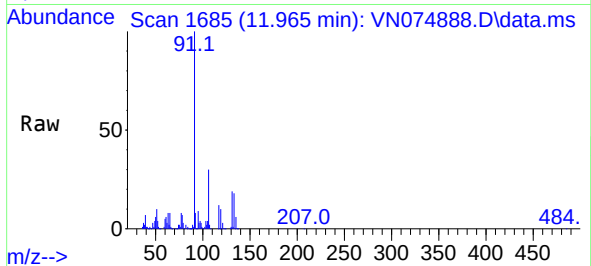




#66
Ethyl Benzene
Concen: 19.452 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

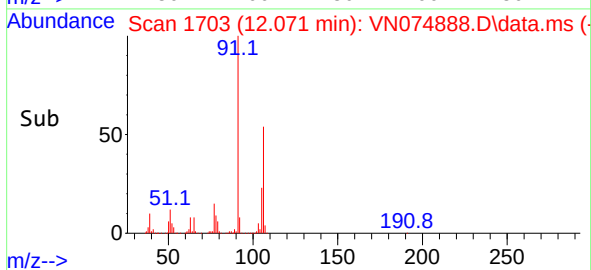
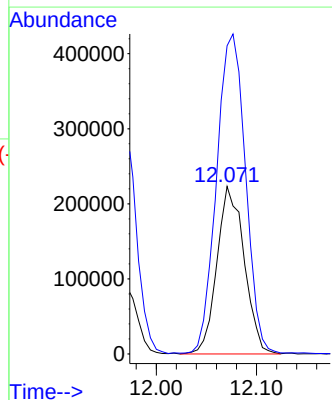
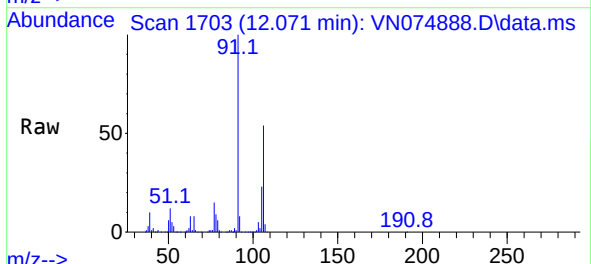
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

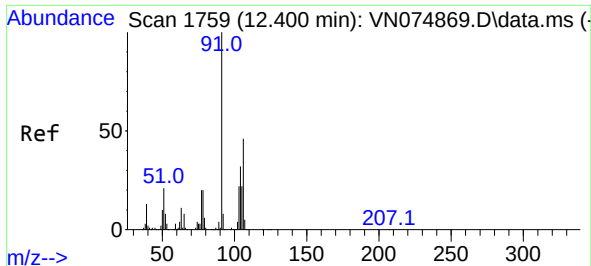
Tgt Ion: 91 Resp: 559377
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#67
m/p-Xylenes
Concen: 38.998 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:106 Resp: 421291
Ion Ratio Lower Upper
106 100
91 203.4 164.2 246.4

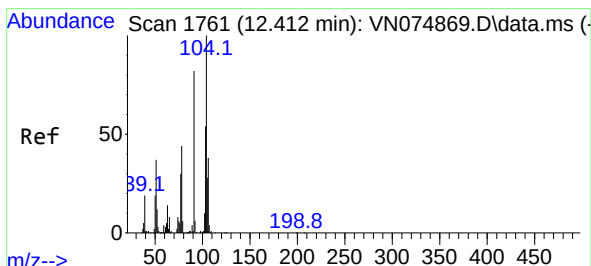
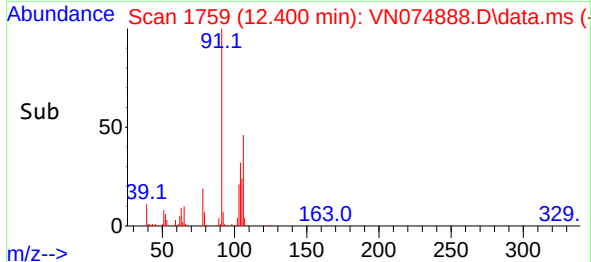
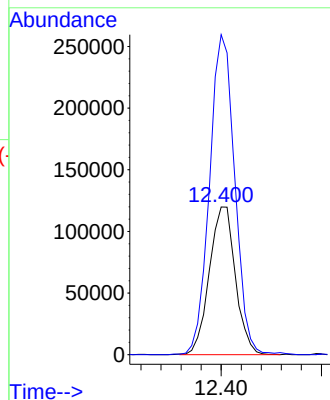
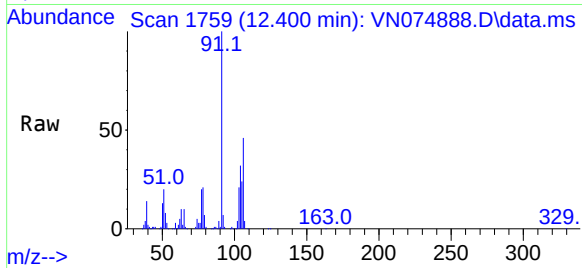




#68
o-Xylene
Concen: 19.713 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

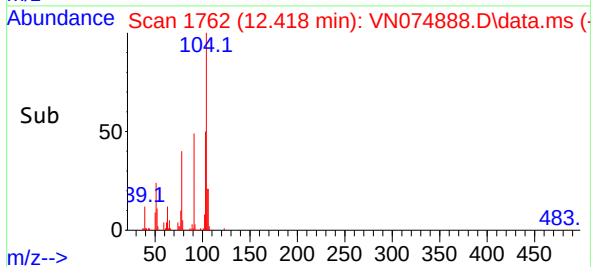
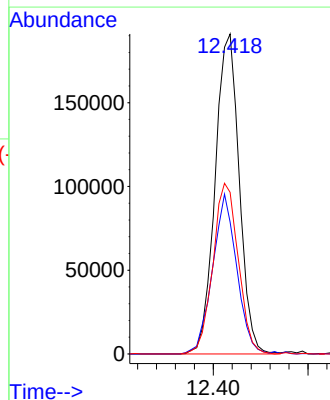
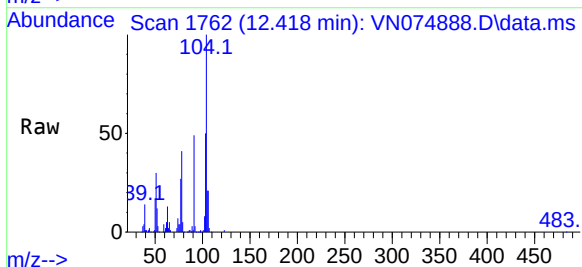
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

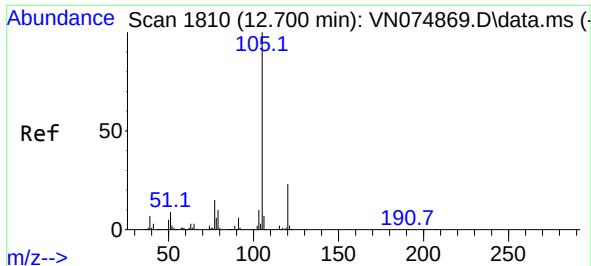
Tgt Ion:106 Resp: 216473
Ion Ratio Lower Upper
106 100
91 208.8 108.5 325.5



#69
Styrene
Concen: 18.833 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:104 Resp: 338484
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 56.0 43.8 65.8

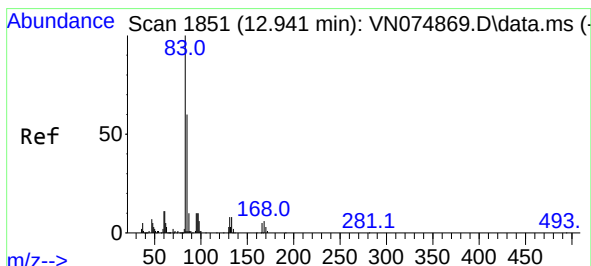
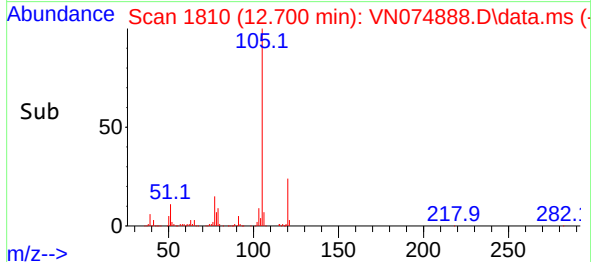
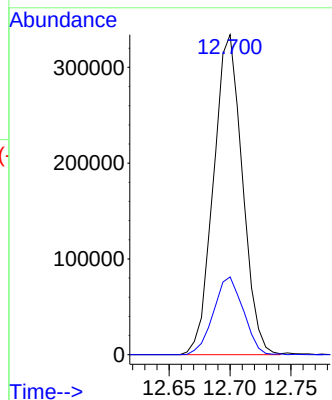
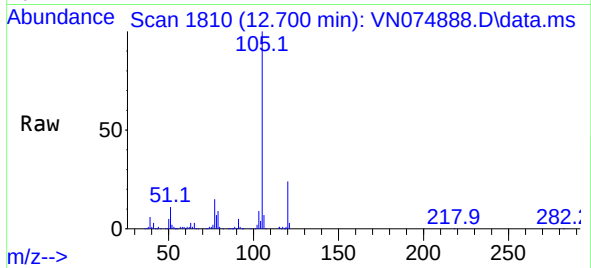




#70
Isopropylbenzene
Concen: 19.489 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

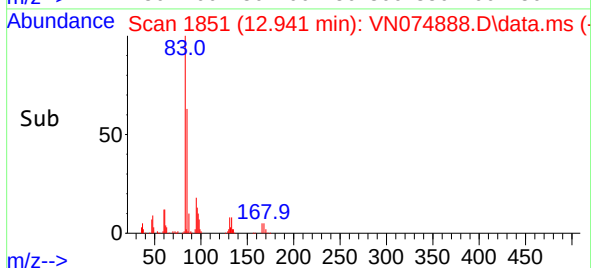
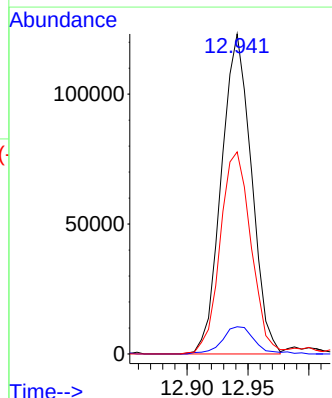
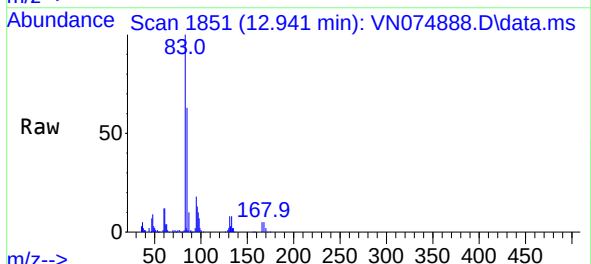
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

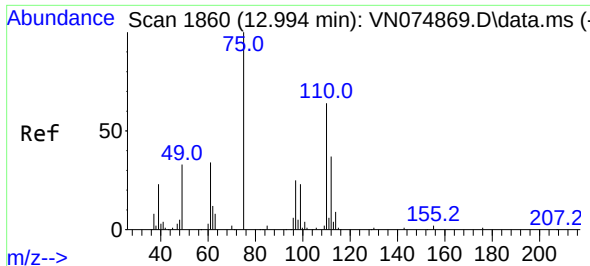
Tgt Ion:105 Resp: 551943
Ion Ratio Lower Upper
105 100
120 25.0 18.5 34.3



#71
1,1,2,2-Tetrachloroethane
Concen: 19.931 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 83 Resp: 211147
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 64.9 30.9 92.7

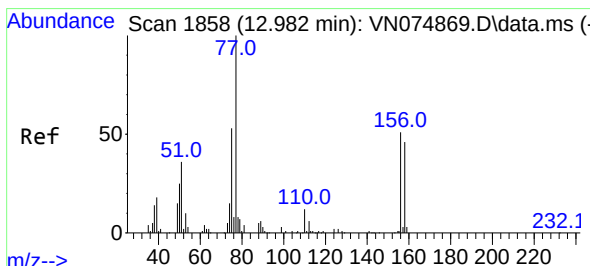
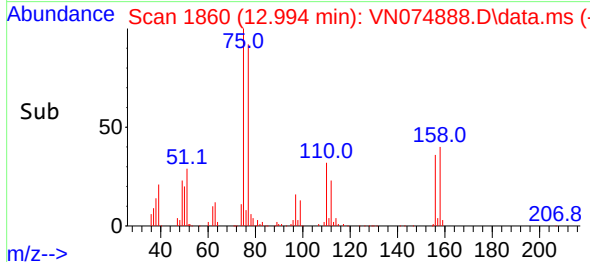
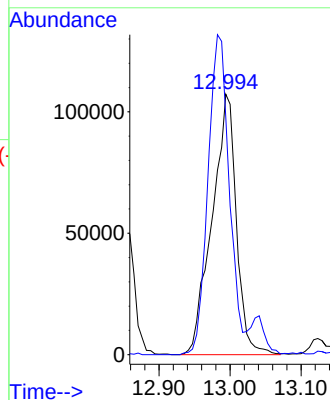
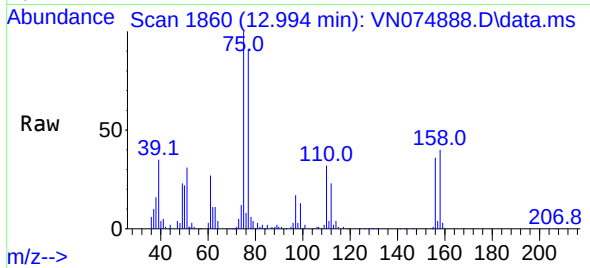




#72
1,2,3-Trichloropropane
Concen: 28.637 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

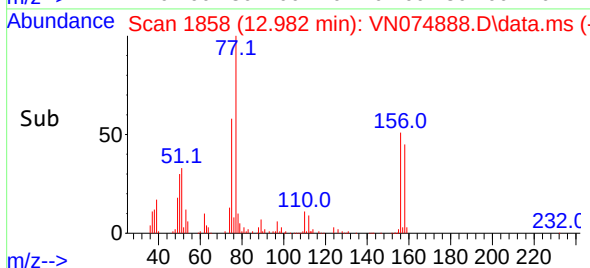
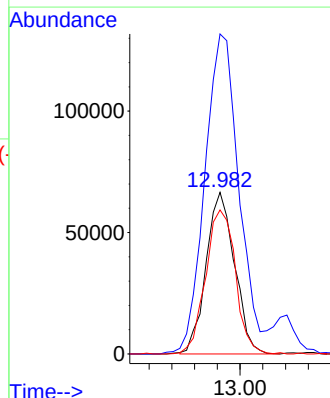
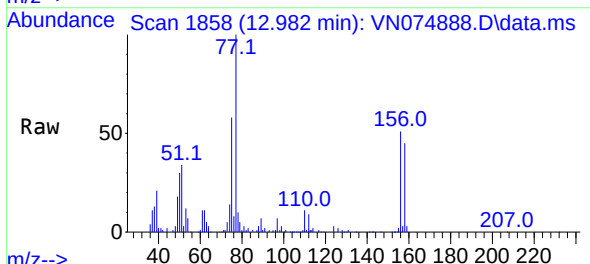
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

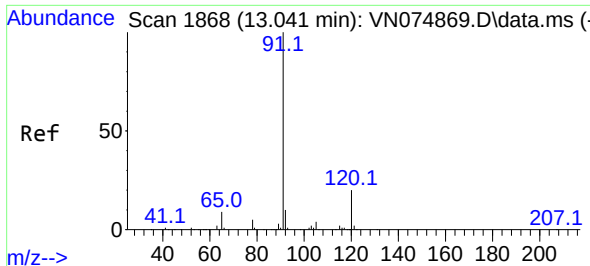
Tgt Ion: 75 Resp: 254874
Ion Ratio Lower Upper
75 100
77 106.8 0.0 372.4



#73
Bromobenzene
Concen: 19.522 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:156 Resp: 115860
Ion Ratio Lower Upper
156 100
77 235.0 0.0 491.8
158 93.3 0.0 185.0

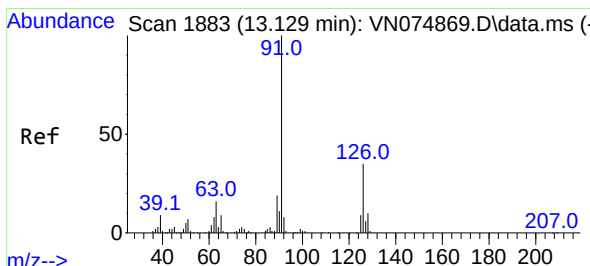
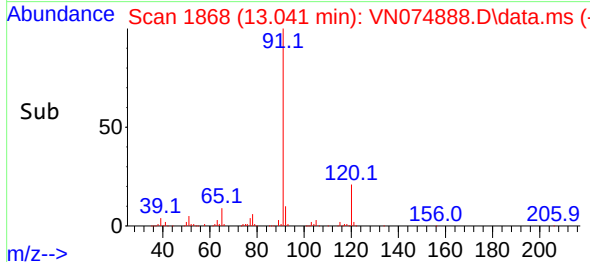
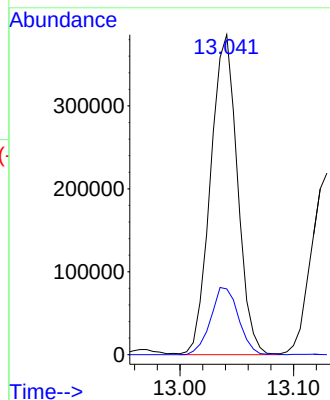
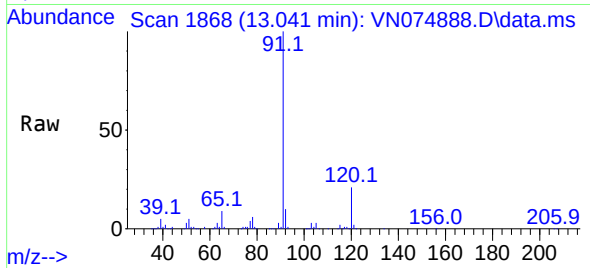




#74
n-propylbenzene
Concen: 19.242 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

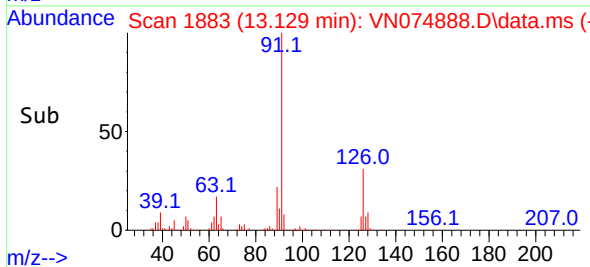
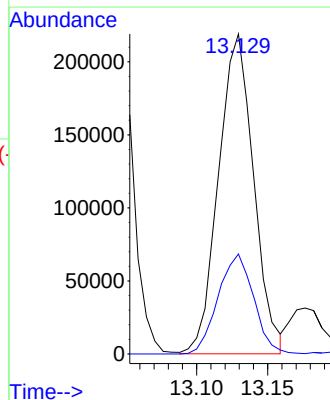
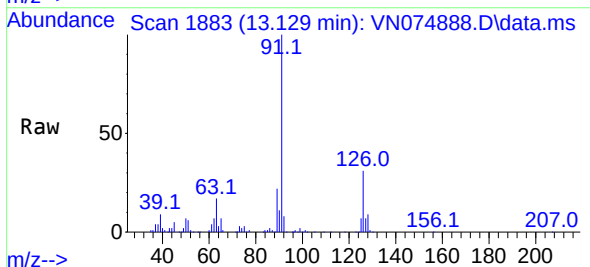
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

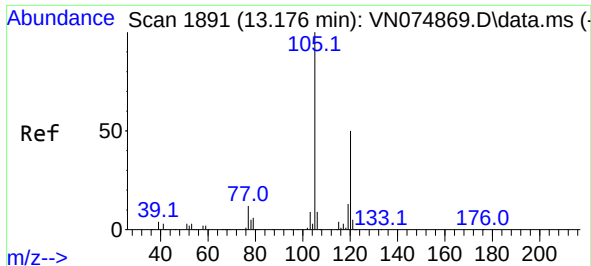
Tgt Ion: 91 Resp: 635377
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.6



#75
2-Chlorotoluene
Concen: 19.481 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 91 Resp: 376308
Ion Ratio Lower Upper
91 100
126 31.6 0.0 66.2

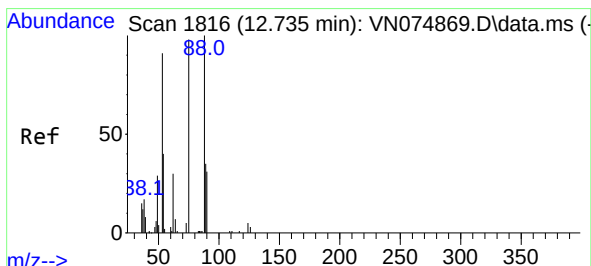
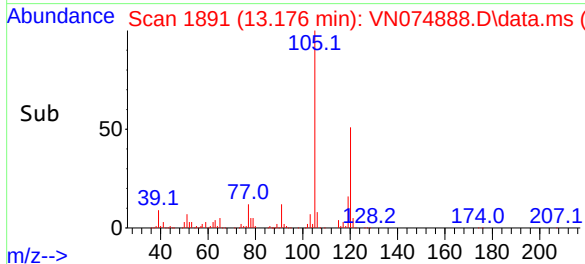
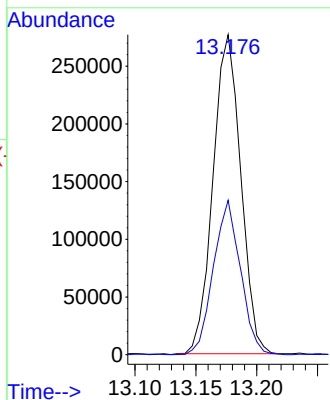
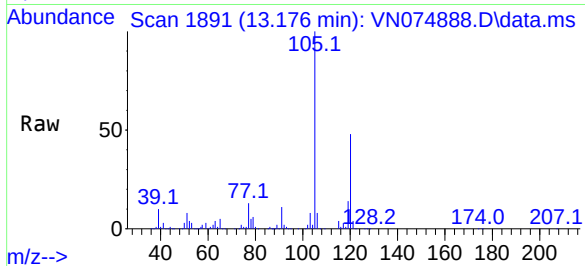




#76
1,3,5-Trimethylbenzene
Concen: 19.051 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

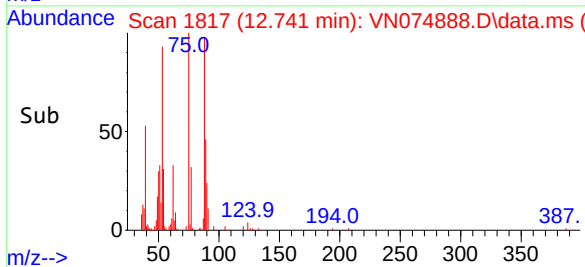
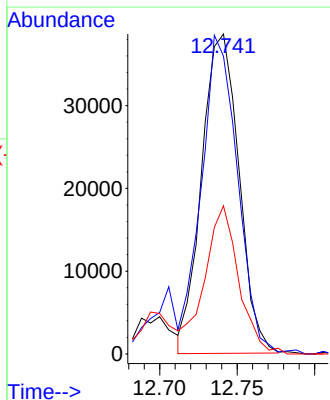
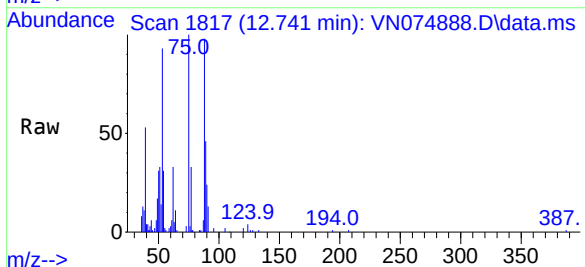
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

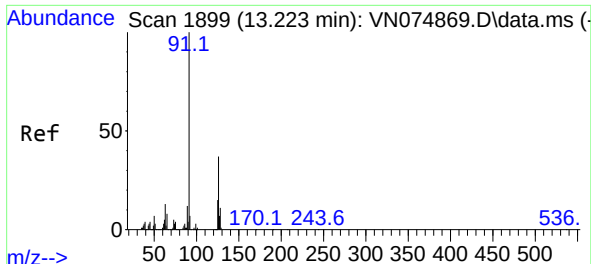
Tgt Ion:105 Resp: 438453
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.4



#77
t-1,4-Dichloro-2-butene
Concen: 17.405 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 75 Resp: 64360
Ion Ratio Lower Upper
75 100
53 93.0 43.3 129.9
89 44.8 21.1 63.1

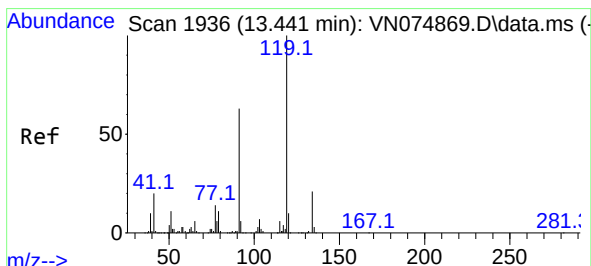
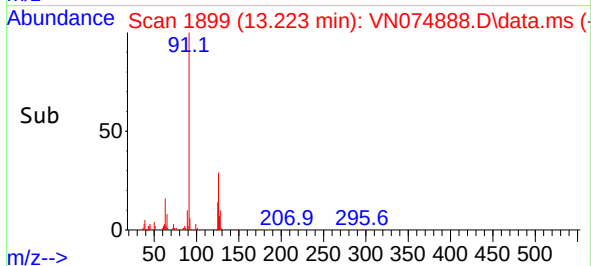
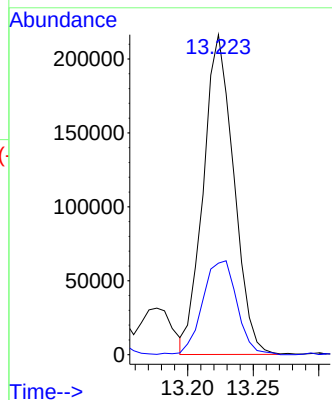
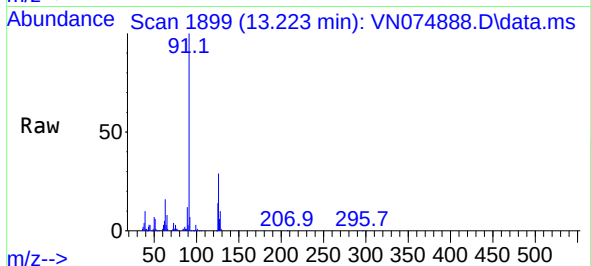




#78
4-Chlorotoluene
Concen: 18.969 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

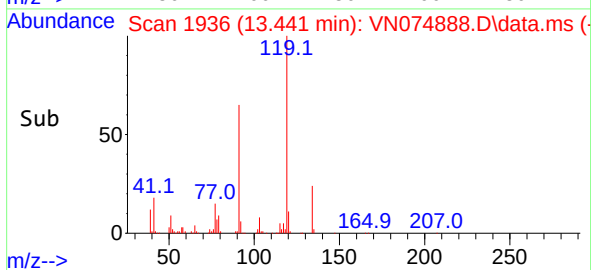
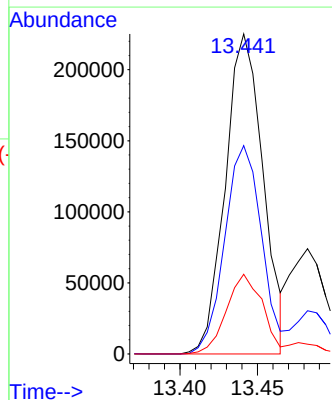
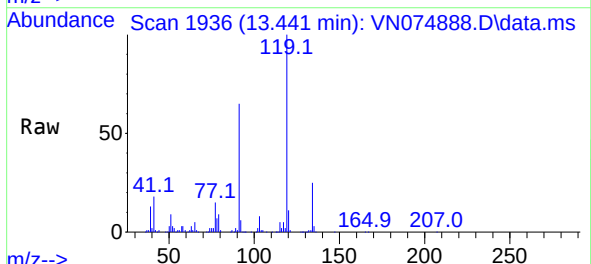
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

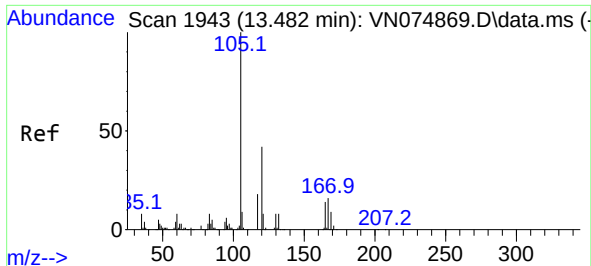
Tgt Ion: 91 Resp: 349662
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8



#79
tert-butylbenzene
Concen: 18.655 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 119 Resp: 381907
Ion Ratio Lower Upper
119 100
91 63.3 0.0 129.0
134 23.7 0.0 52.2

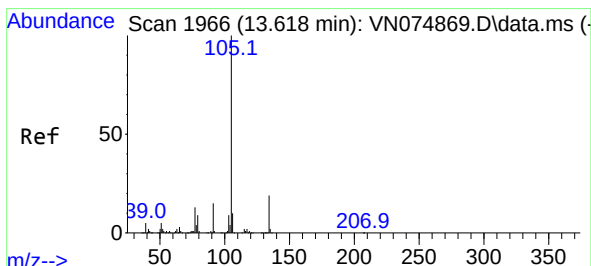
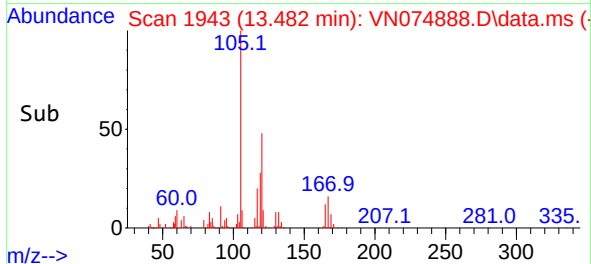
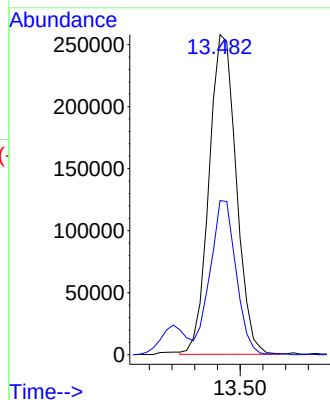
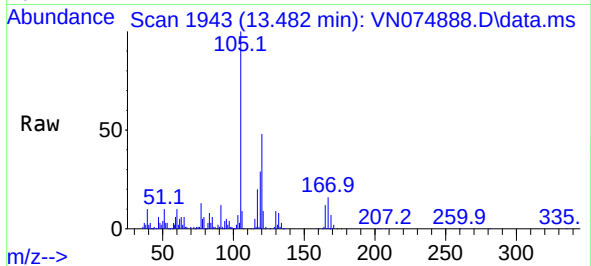




#80
1,2,4-Trimethylbenzene
Concen: 18.544 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

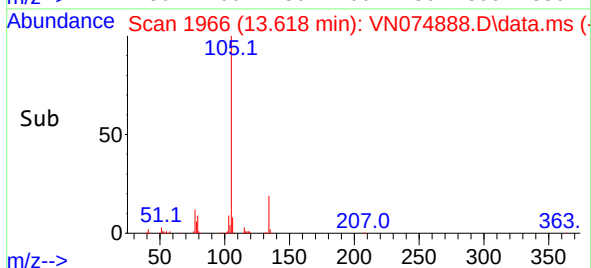
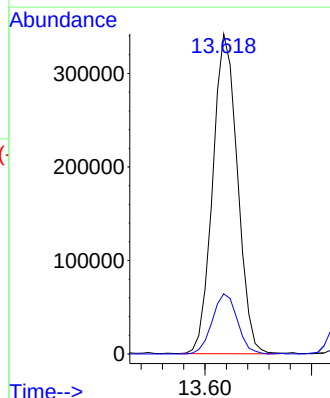
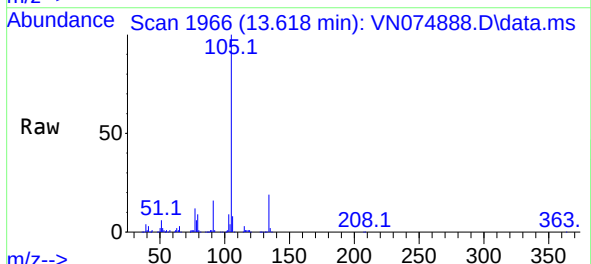
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

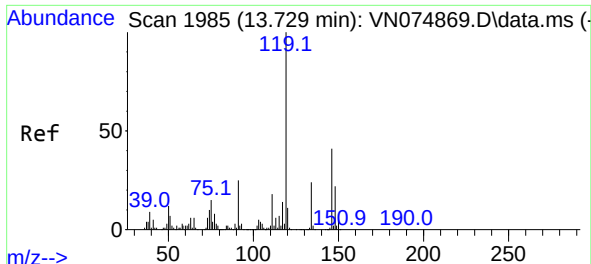
Tgt Ion:105 Resp: 429416
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.2



#81
sec-Butylbenzene
Concen: 18.758 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:105 Resp: 551898
Ion Ratio Lower Upper
105 100
134 19.0 0.0 38.8

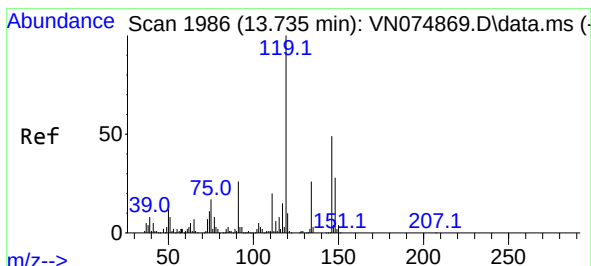
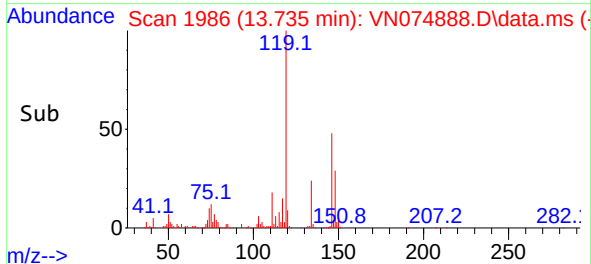
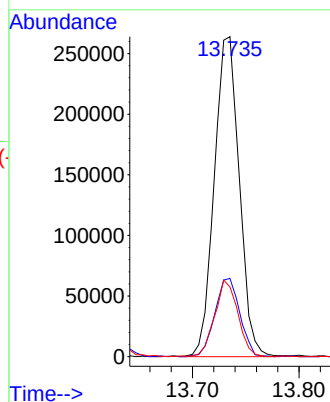
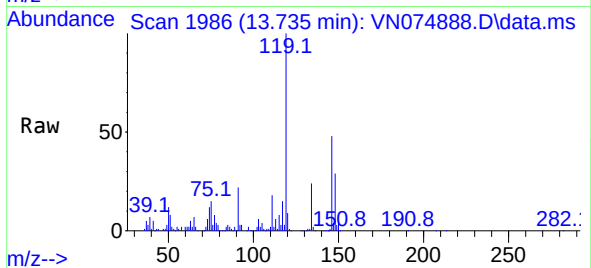




#82
p-Isopropyltoluene
Concen: 18.396 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

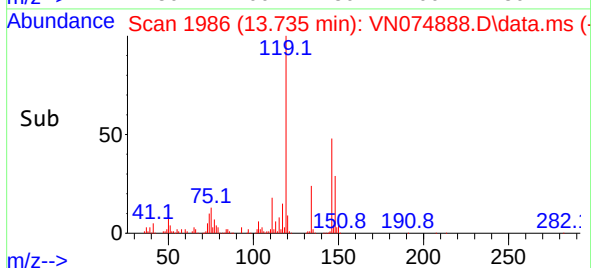
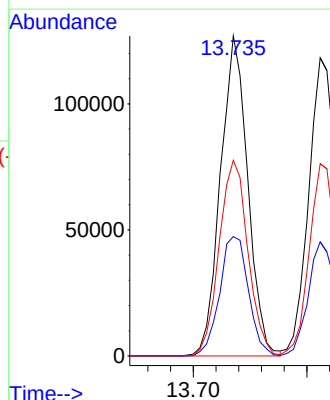
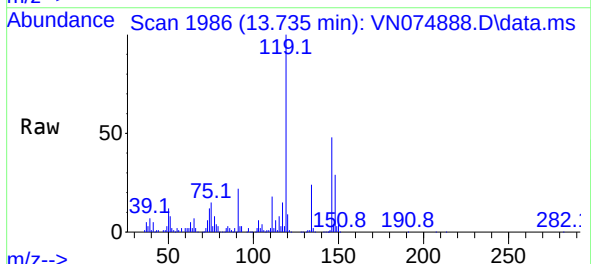
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

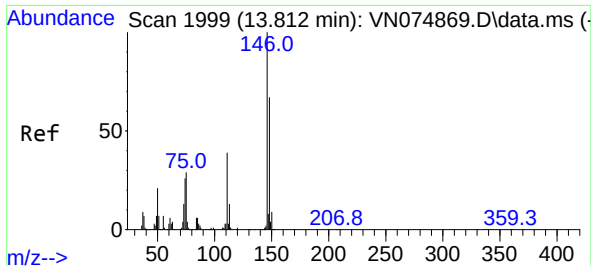
Tgt Ion:119 Resp: 430071
Ion Ratio Lower Upper
119 100
134 24.4 0.0 51.4
91 22.1 0.0 46.8



#83
1,3-Dichlorobenzene
Concen: 18.302 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:146 Resp: 211937
Ion Ratio Lower Upper
146 100
111 39.4 20.5 61.5
148 64.4 31.0 93.0

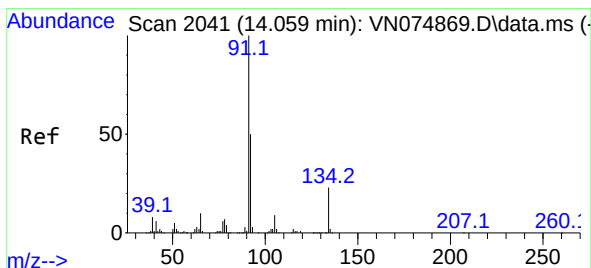
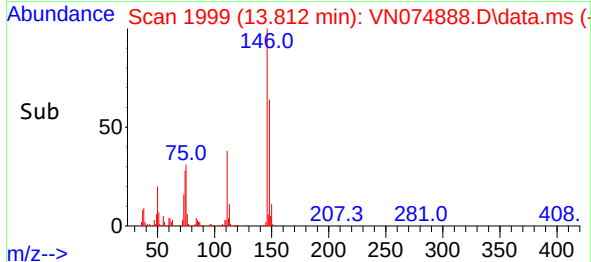
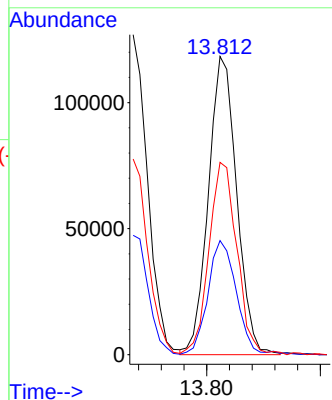
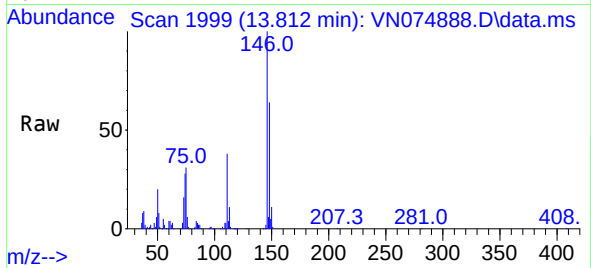




#84
1,4-Dichlorobenzene
Concen: 18.416 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

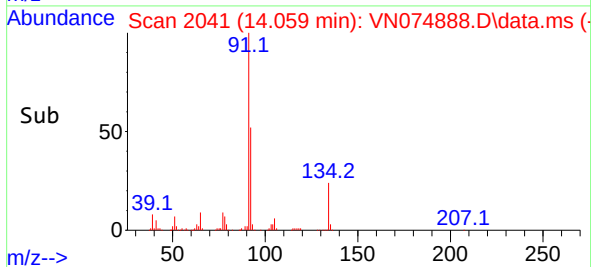
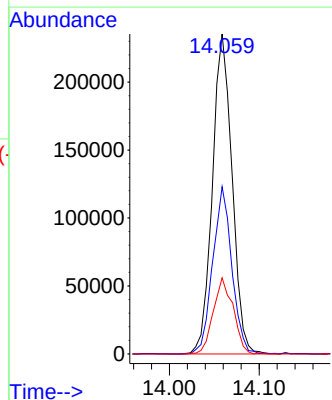
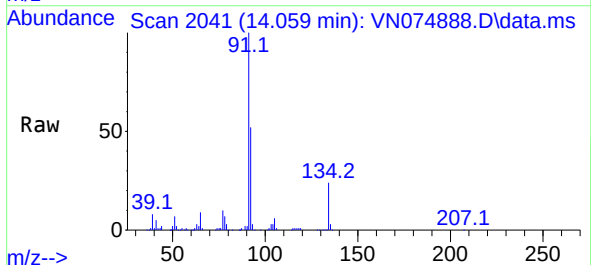
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

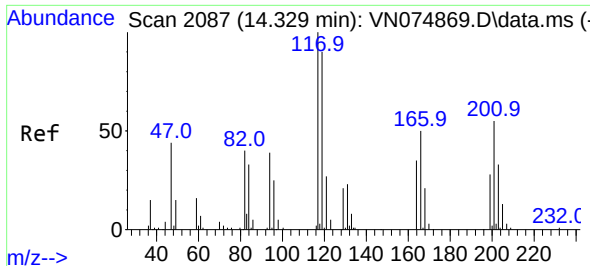
Tgt Ion:146 Resp: 204839
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.5
148 63.3 31.7 95.1



#85
n-Butylbenzene
Concen: 17.380 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion: 91 Resp: 358647
Ion Ratio Lower Upper
91 100
92 50.6 0.0 105.4
134 24.0 0.0 46.4

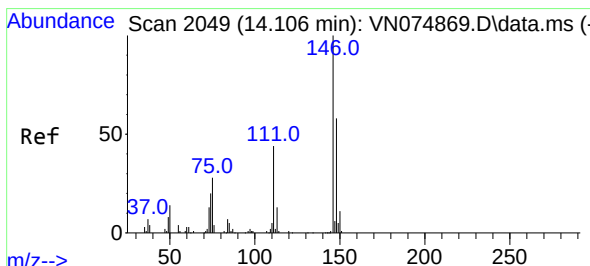
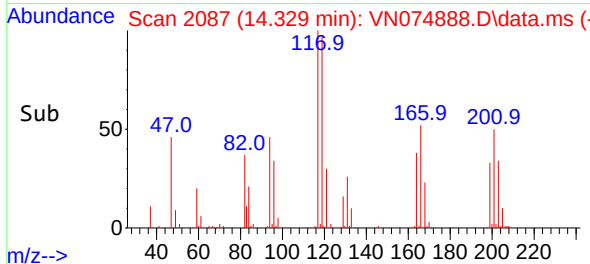
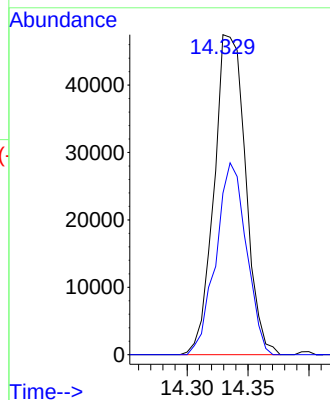
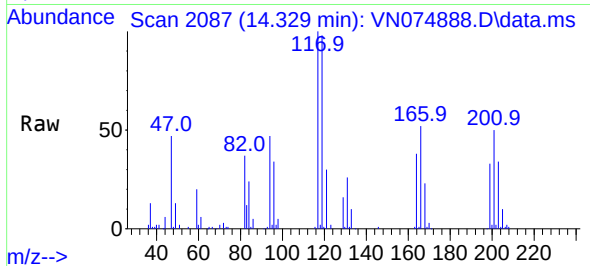




#86
Hexachloroethane
Concen: 18.607 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

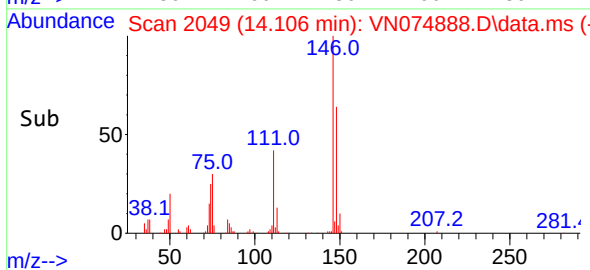
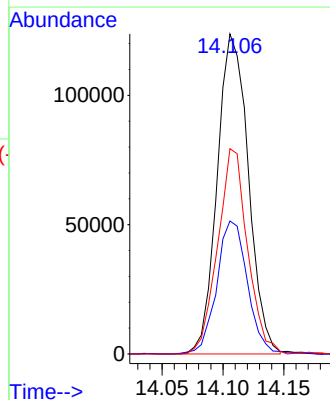
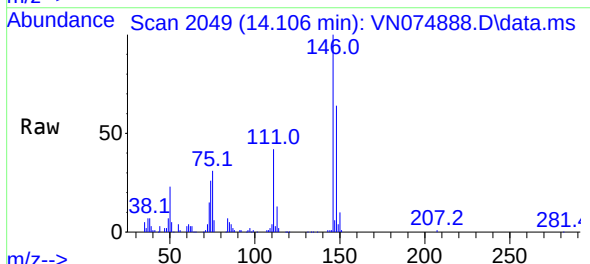
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

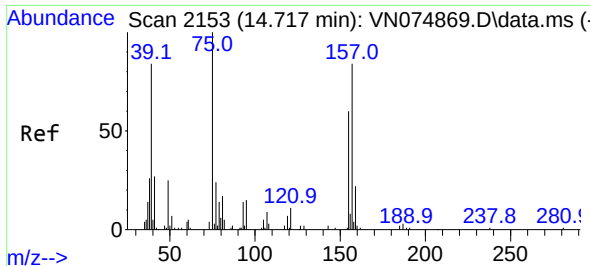
Tgt Ion:117 Resp: 85193
Ion Ratio Lower Upper
117 100
201 58.2 29.4 88.3



#87
1,2-Dichlorobenzene
Concen: 19.141 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:146 Resp: 220080
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 61.4 30.6 92.0



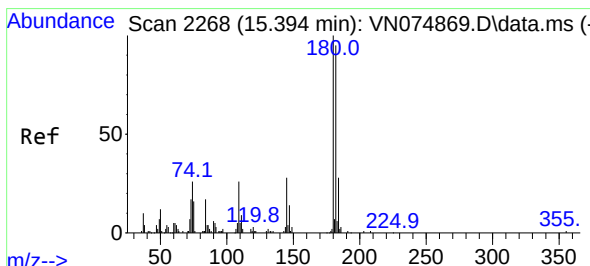
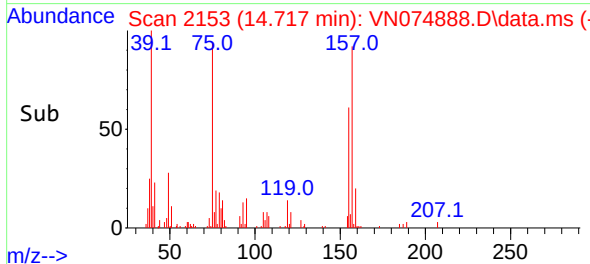
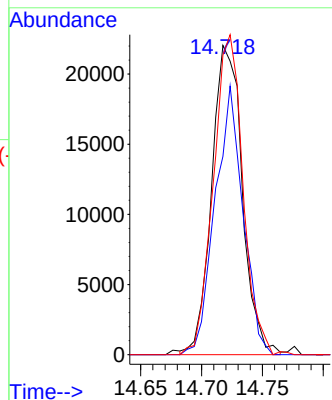
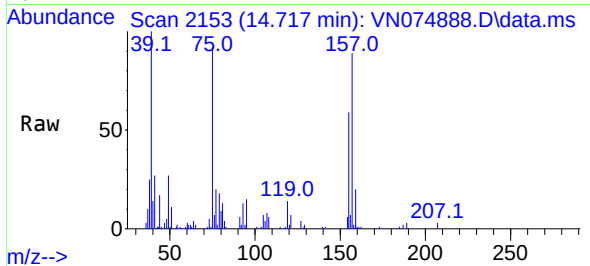


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.976 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: VN074888.D
 Acq: 12 Oct 2022 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD02

Tgt Ion: 75 Resp: 38435

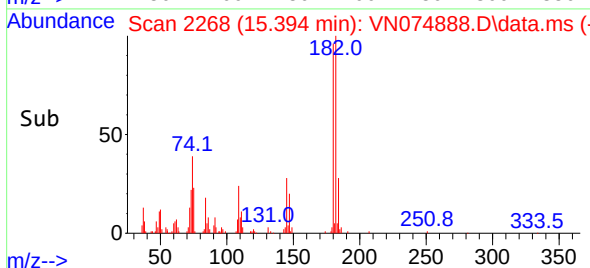
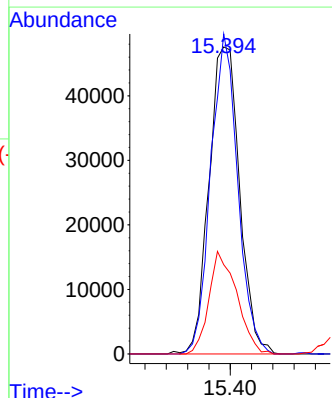
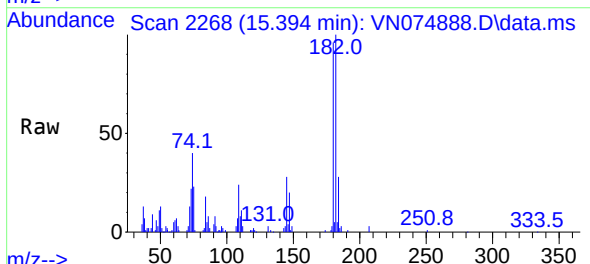
Ion	Ratio	Lower	Upper
75	100		
155	79.6	66.3	99.5
157	100.3	84.3	126.5

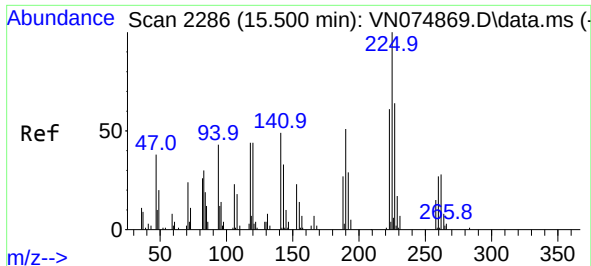


#89
 1,2,4-Trichlorobenzene
 Concen: 18.039 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN074888.D
 Acq: 12 Oct 2022 20:22

Tgt Ion: 180 Resp: 94725

Ion	Ratio	Lower	Upper
180	100		
182	91.9	74.9	112.3
145	30.6	26.3	39.5

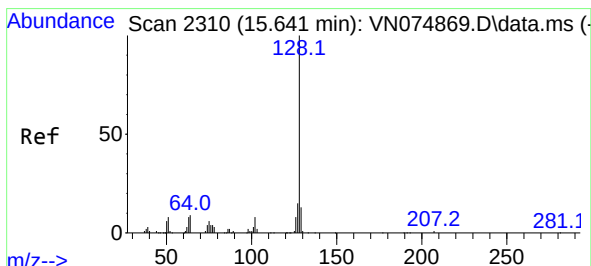
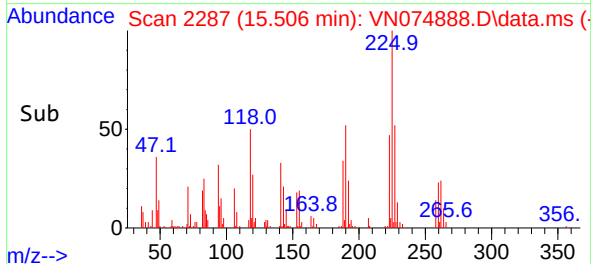
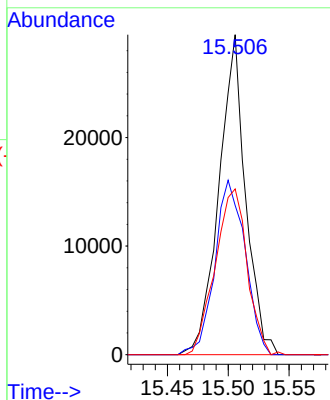
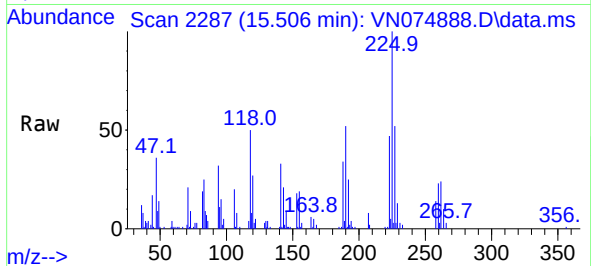




#90
Hexachlorobutadiene
Concen: 17.574 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

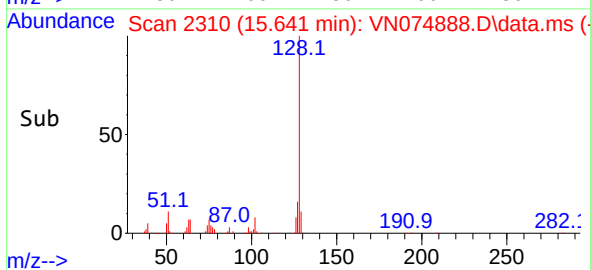
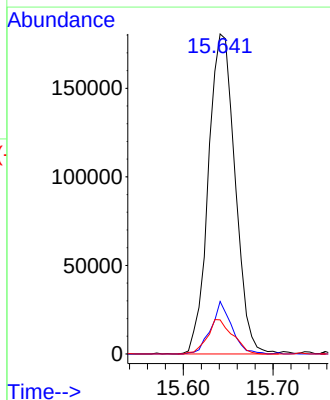
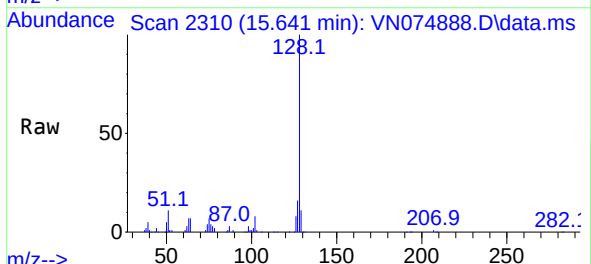
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD02

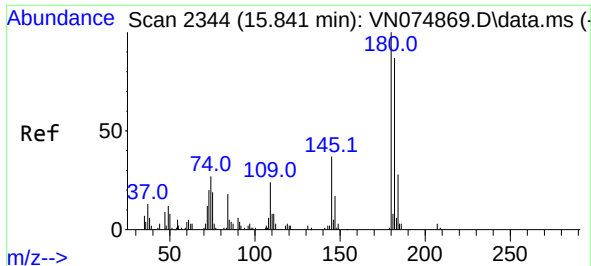
Tgt Ion:225 Resp: 44997
Ion Ratio Lower Upper
225 100
223 62.0 0.0 125.0
227 61.7 0.0 123.0



#91
Naphthalene
Concen: 17.931 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074888.D
Acq: 12 Oct 2022 20:22

Tgt Ion:128 Resp: 373614
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.2 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 16.805 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074888.D
 Acq: 12 Oct 2022 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD02

Tgt Ion:180 Resp: 92316
 Ion Ratio Lower Upper
 180 100
 182 98.3 0.0 185.4
 145 38.9 0.0 68.6

