

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075057.D
 Acq On : 28 Oct 2022 13:48
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Quant Time: Oct 31 01:50:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	12411	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	73456	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	67882	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	38299	33.750	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 112.500%	#
60) 4-Bromofluorobenzene	12.853	95	39060	29.285	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.633%	
63) Toluene-d8	10.571	98	116302	30.633	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	15353	25.411	ug/l	96
3) Chloromethane	2.371	50	20003	25.169	ug/l	98
4) Vinyl Chloride	2.524	62	30882	25.698	ug/l	98
5) Bromomethane	2.918	94	28565	30.065	ug/l	98
6) Chloroethane	3.106	64	23615	25.476	ug/l	96
7) Trichlorofluoromethane	3.495	101	35544	27.485	ug/l	99
8) Diethyl Ether	3.965	74	14313	26.917	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	13627	17.975	ug/l #	19
10) 1,1-Dichloroethene	4.342	96	18514	26.038	ug/l	95
11) Methyl Iodide	4.595	142	29061	26.198	ug/l	97
12) Methyl Acetate	5.036	43	31749	26.358	ug/l	97
13) Acrolein	4.195	56	17096	115.881	ug/l	97
14) Acrylonitrile	5.730	53	62520	125.632	ug/l	98
15) Acetone	4.436	58	21611	155.437	ug/l	81
16) Carbon Disulfide	4.718	76	40315	25.755	ug/l #	94
17) Allyl chloride	5.030	41	25165	26.413	ug/l	90
18) Methylene Chloride	5.283	84	23767	26.680	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	21385	27.052	ug/l	89
20) Diisopropyl ether	6.677	45	65358	26.430	ug/l	92
21) 1,1-Dichloroethane	6.571	63	41149	26.792	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	25004	25.033	ug/l	98
23) tert-Butyl Alcohol	5.547	59	30227	131.213	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	75749	26.047	ug/l	93
25) Chloroform	7.971	83	45557	26.849	ug/l	100
26) Cyclohexane	8.265	56	33151	26.869	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	31604	25.083	ug/l	96
30) 2-Butanone	7.489	43	89620	123.387	ug/l	100
31) 2,2-Dichloropropane	7.494	77	38931	25.295	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	39371	24.127	ug/l	97
33) Carbon Tetrachloride	8.371	117	34040	23.691	ug/l	94
34) Benzene	8.612	78	95949	24.909	ug/l	96
35) Methacrylonitrile	7.783	41	16060	23.069	ug/l	91
36) 1,2-Dichloroethane	8.677	62	35333	24.755	ug/l	98
37) Trichloroethene	9.353	130	23618	24.674	ug/l	94
38) Methylcyclohexane	9.606	83	37610	24.074	ug/l	97
39) 1,2-Dichloropropane	9.624	63	24079	24.831	ug/l	97
40) Dibromomethane	9.712	93	17699	24.058	ug/l	100
41) Bromodichloromethane	9.888	83	34858	24.337	ug/l	89
42) Vinyl Acetate	6.612	43	244956	119.731	ug/l #	91

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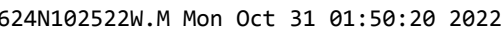
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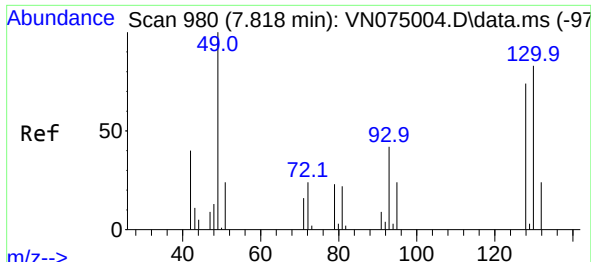
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	34756	24.213	ug/l	99
44) Isopropyl Acetate	8.694	43	53790	23.361	ug/l	96
45) 1,4-Dioxane	9.700	88	12963	457.403	ug/l	96
46) Methyl methacrylate	9.682	41	24456	23.677	ug/l	93
47) n-amyl Acetate	12.494	43	46132	23.322	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	36885	23.572	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	38540	23.433	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	26029	24.150	ug/l	97
51) Ethyl methacrylate	10.877	69	39763	23.678	ug/l	84
52) 1,3-Dichloropropane	11.165	76	43151	23.937	ug/l	99
53) Dibromochloromethane	11.365	129	26547	22.772	ug/l	95
54) 1,2-Dibromoethane	11.471	107	25480	22.850	ug/l	95
55) 2-Chloroethyl vinyl ether	10.159	63	70826	103.231	ug/l	99
56) Bromoform	12.582	173	18327	21.413	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	176814	120.758	ug/l	95
59) 2-Hexanone	11.200	43	137295	122.233	ug/l	94
61) Tetrachloroethene	11.106	164	20890	27.671	ug/l	88
62) Toluene	10.630	91	110376	25.114	ug/l	96
64) Chlorobenzene	11.894	112	66618	24.460	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	25086	24.111	ug/l	98
66) Ethyl Benzene	11.965	91	121198	24.469	ug/l	100
67) m/p-Xylenes	12.071	106	97074	48.867	ug/l	96
68) o-Xylene	12.400	106	47921	23.999	ug/l	98
69) Styrene	12.412	104	75503	23.121	ug/l	99
70) Isopropylbenzene	12.700	105	123046	23.651	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	40569	23.938	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	50497	32.813	ug/l	52
73) Bromobenzene	12.982	156	26491	22.876	ug/l	91
74) n-propylbenzene	13.041	91	142919	24.531	ug/l	99
75) 2-Chlorotoluene	13.123	91	85043	23.986	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	105196	23.869	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	11742	21.844	ug/l	87
78) 4-Chlorotoluene	13.223	91	83441	24.229	ug/l	98
79) tert-butylbenzene	13.441	119	92121	23.410	ug/l	99
80) 1,2,4-Trimethylbenzene	13.618	105	131494	29.331	ug/l	100
81) sec-Butylbenzene	13.618	105	131494	23.769	ug/l	100
82) p-Isopropyltoluene	13.729	119	108129	23.169	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	51488	22.483	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	50943	23.058	ug/l	99
85) n-Butylbenzene	14.059	91	90369	24.142	ug/l	98
86) Hexachloroethane	14.335	117	19350	22.374	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	52550	23.199	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	7937	22.281	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	23535	23.523	ug/l	99
90) Hexachlorobutadiene	15.506	225	11403	24.781	ug/l	96
91) Naphthalene	15.641	128	85085	21.457	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	23745	23.445	ug/l	97

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

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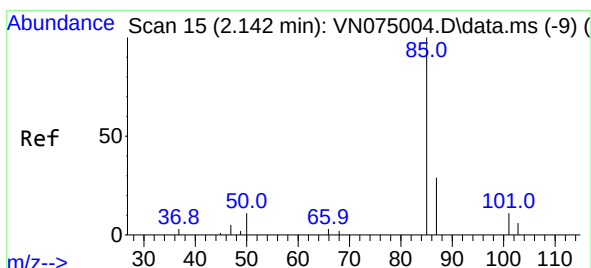
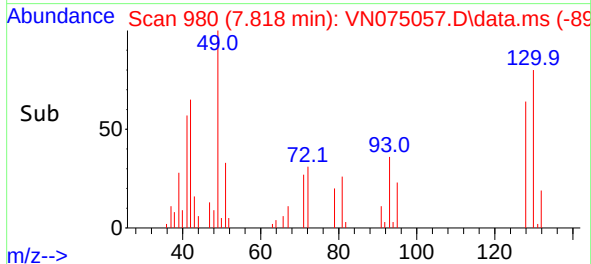
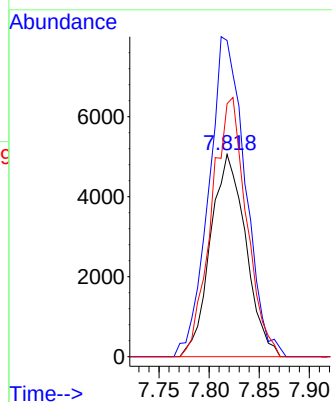
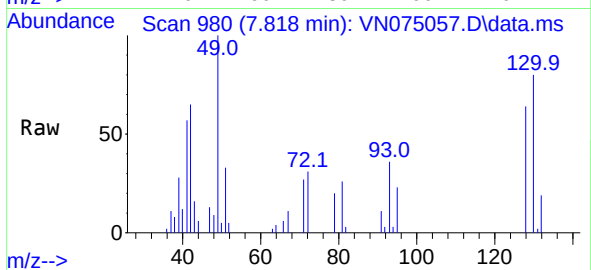




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

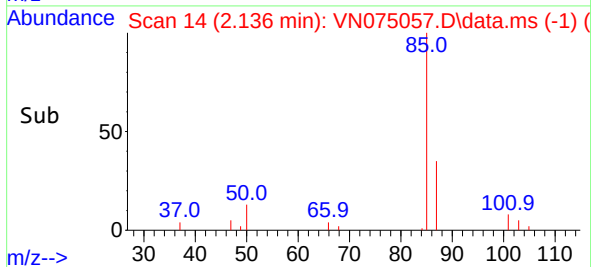
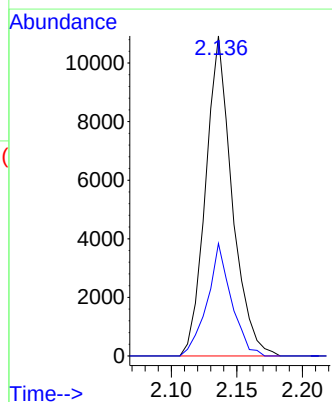
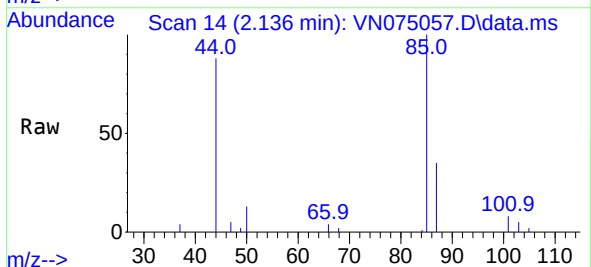
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

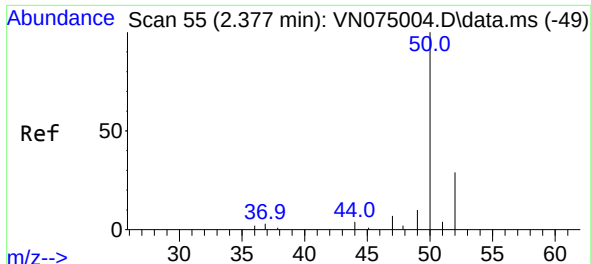
Tgt Ion:128 Resp: 12411
Ion Ratio Lower Upper
128 100
49 163.1 0.0 392.3
130 126.7 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 25.411 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 85 Resp: 15353
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.7

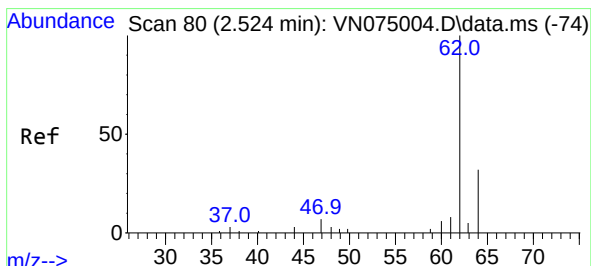
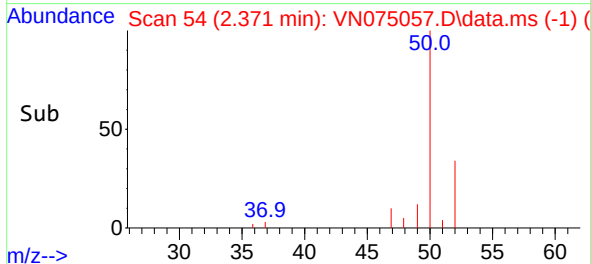
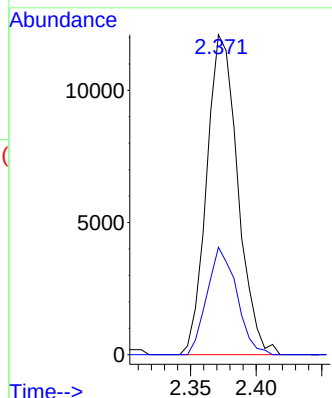
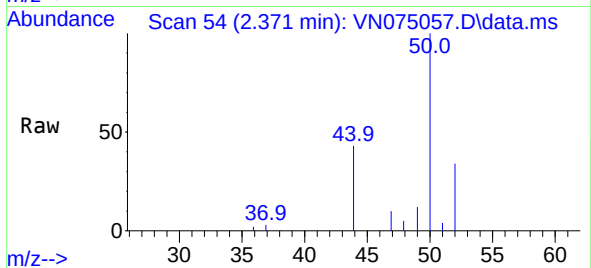




#3
Chloromethane
Concen: 25.169 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

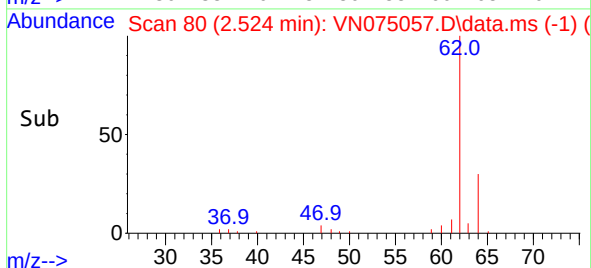
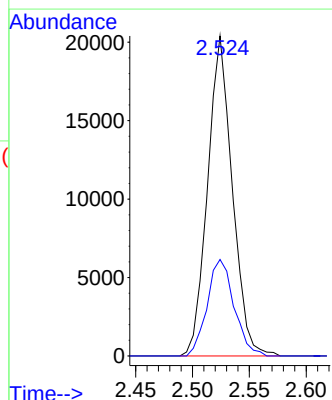
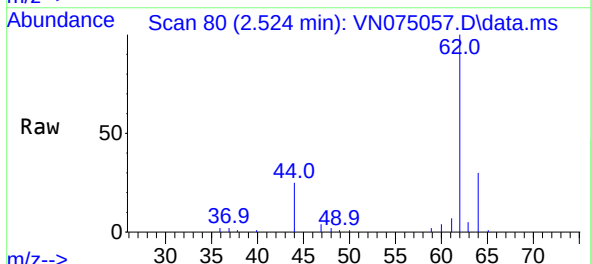
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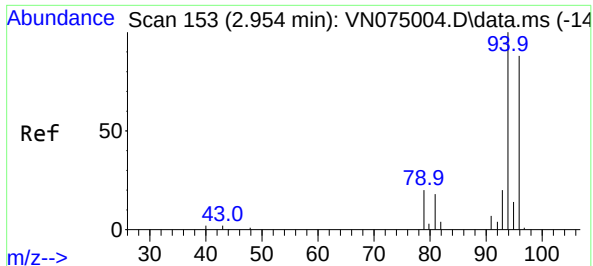
Tgt Ion: 50 Resp: 20003
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.6



#4
Vinyl Chloride
Concen: 25.698 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 62 Resp: 30882
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7

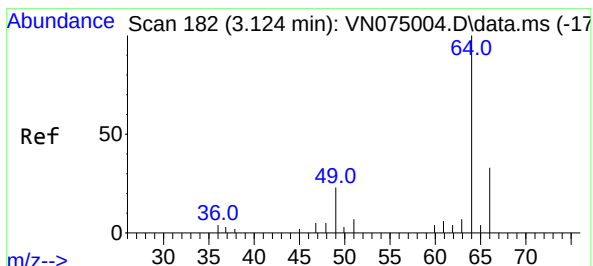
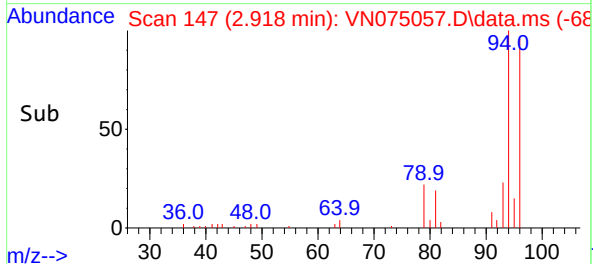
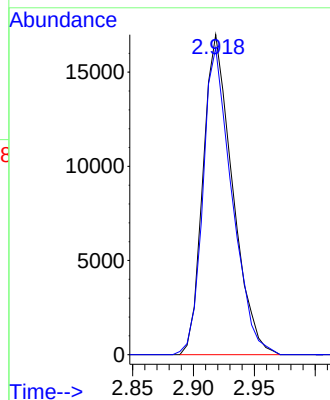
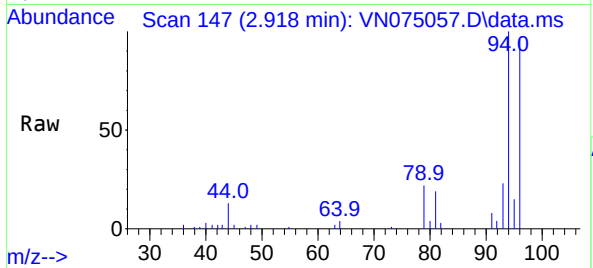




#5
Bromomethane
Concen: 30.065 ug/l
RT: 2.918 min Scan# 14
Delta R.T. -0.035 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

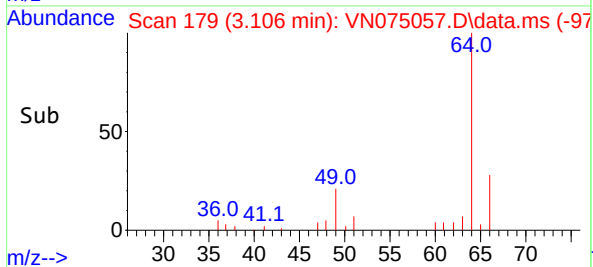
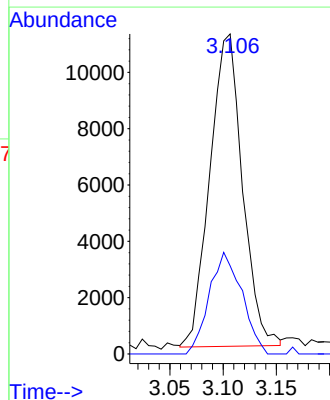
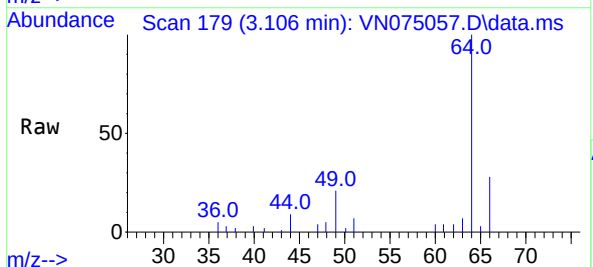
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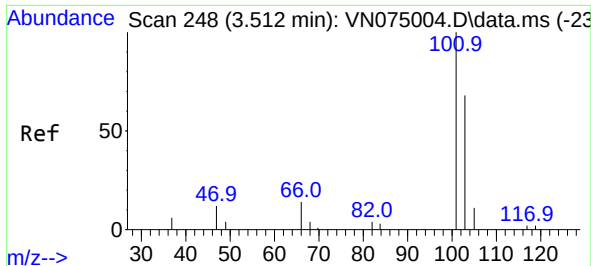
Tgt Ion: 94 Resp: 28565
Ion Ratio Lower Upper
94 100
96 95.9 75.2 112.8



#6
Chloroethane
Concen: 25.476 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.018 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 64 Resp: 23615
Ion Ratio Lower Upper
64 100
66 28.3 24.6 36.8

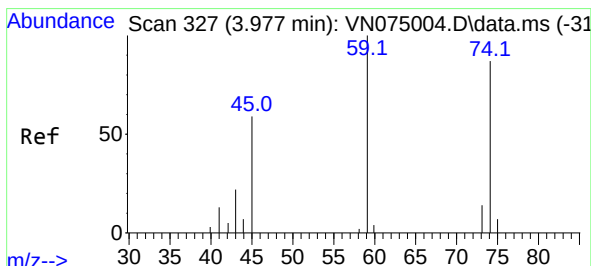
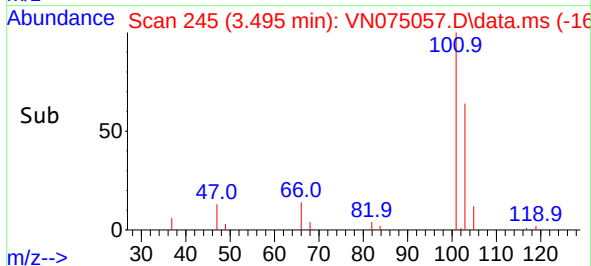
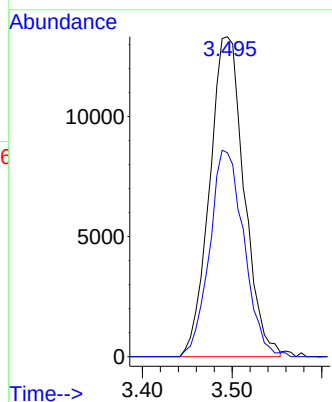
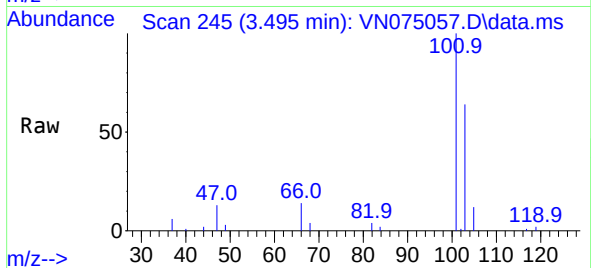




#7
Trichlorofluoromethane
Concen: 27.485 ug/l
RT: 3.495 min Scan# 248
Delta R.T. -0.018 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

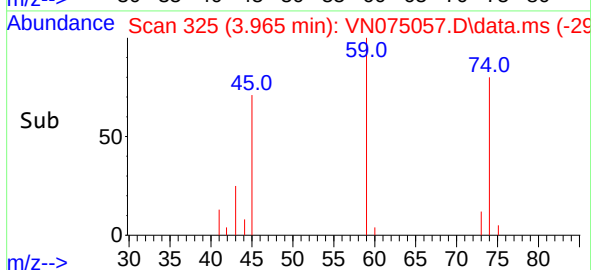
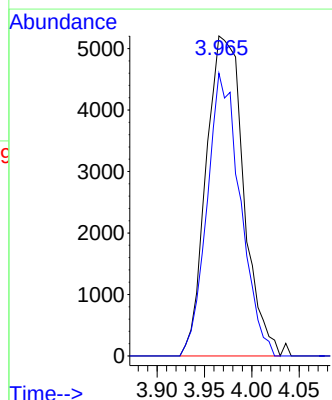
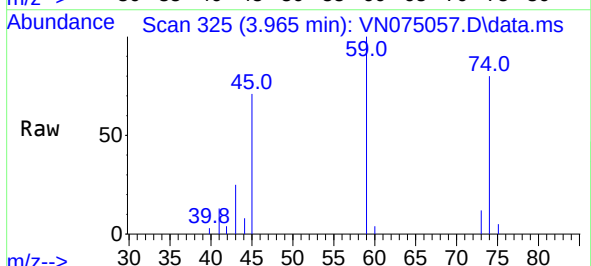
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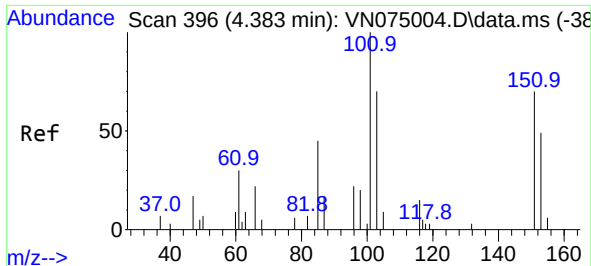
Tgt Ion:101 Resp: 35544
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1



#8
Diethyl Ether
Concen: 26.917 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.012 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 74 Resp: 14313
Ion Ratio Lower Upper
74 100
45 78.6 17.6 158.8

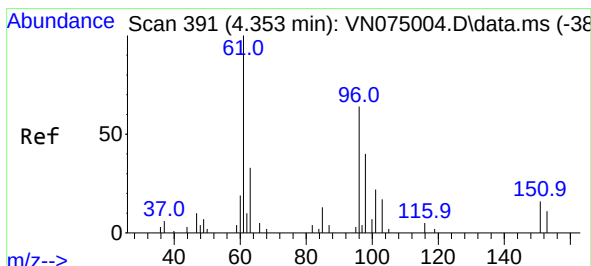
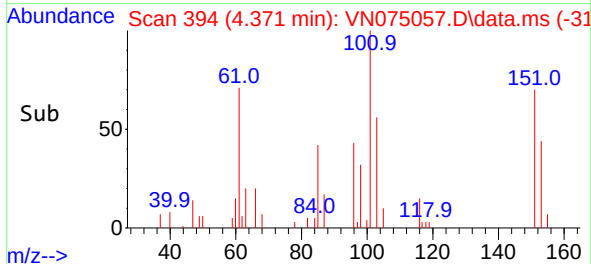
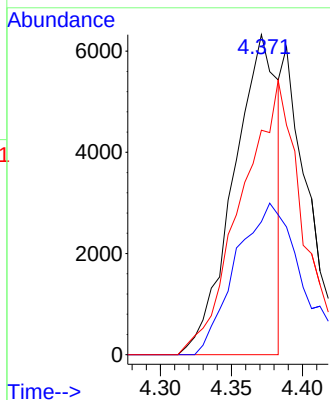
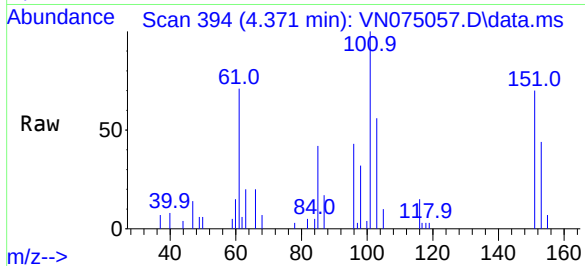




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.975 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
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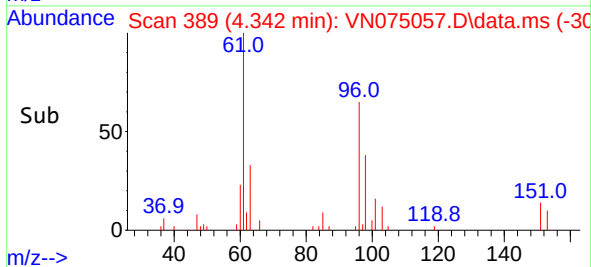
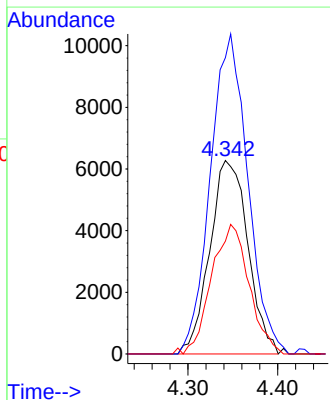
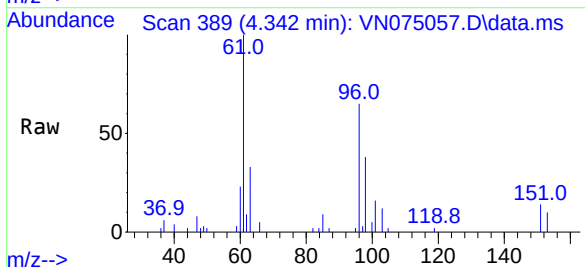
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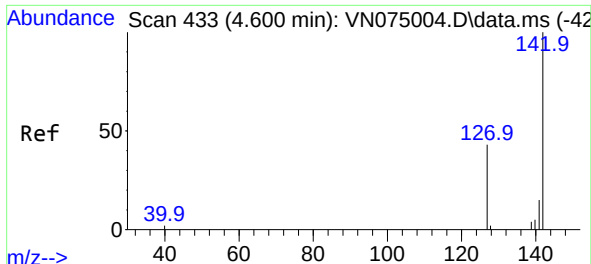
Tgt Ion:101 Resp: 13627
Ion Ratio Lower Upper
101 100
85 71.3 0.0 94.0
151 119.9 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 26.038 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 96 Resp: 18514
Ion Ratio Lower Upper
96 100
61 153.1 126.2 189.4
98 55.8 50.9 76.3

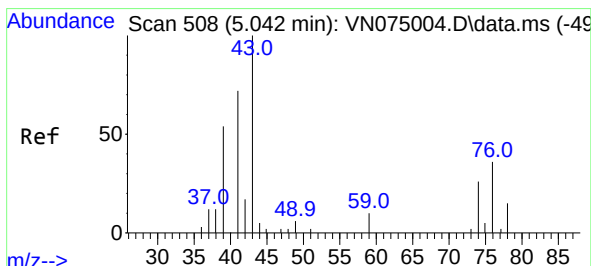
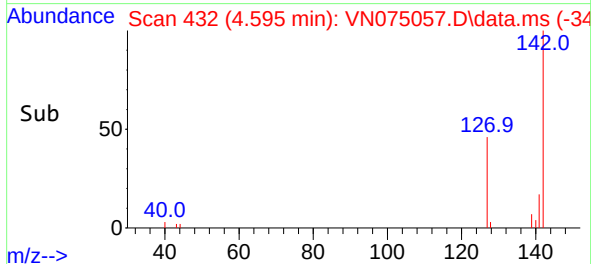
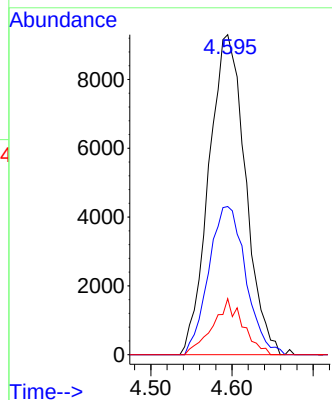
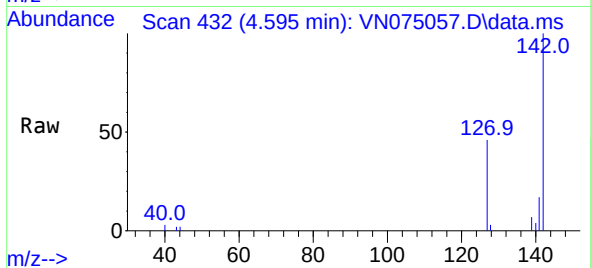




#11
Methyl Iodide
Concen: 26.198 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

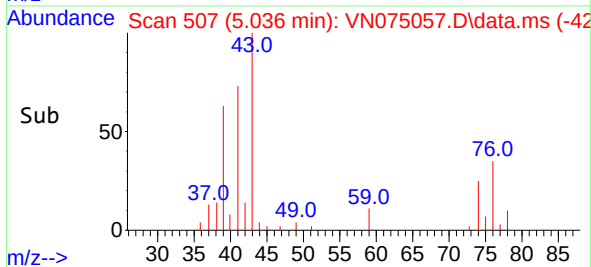
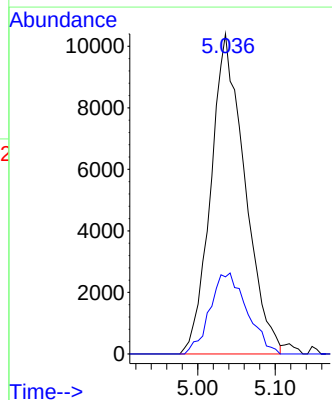
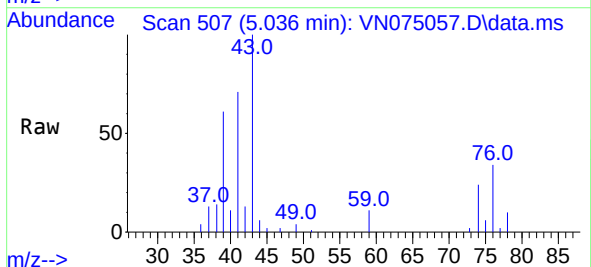
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

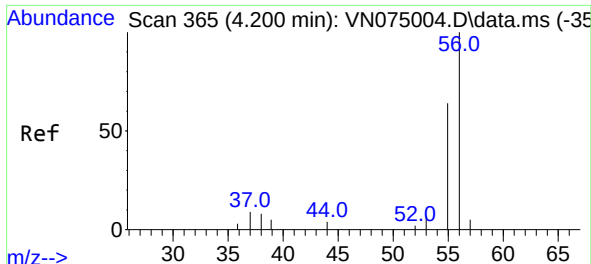
Tgt Ion:142 Resp: 29061
Ion Ratio Lower Upper
142 100
127 45.5 24.0 72.0
141 17.5 8.4 25.2



#12
Methyl Acetate
Concen: 26.358 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 43 Resp: 31749
Ion Ratio Lower Upper
43 100
74 24.4 20.8 31.2

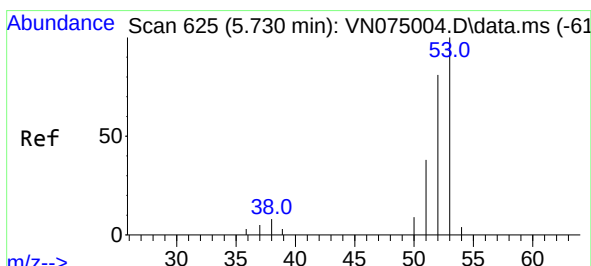
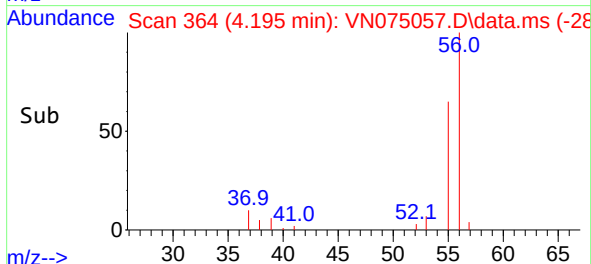
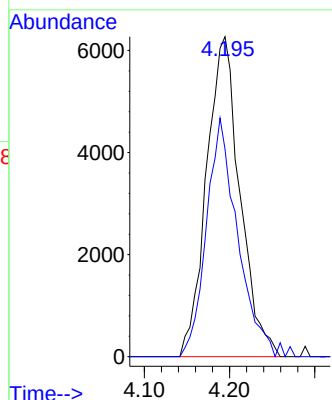
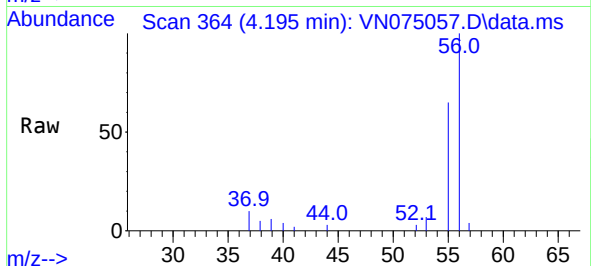




#13
Acrolein
Concen: 115.881 ug/l
RT: 4.195 min Scan# 364
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

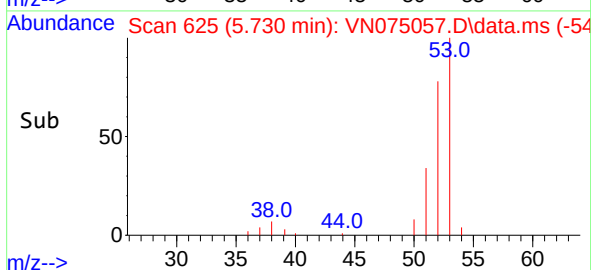
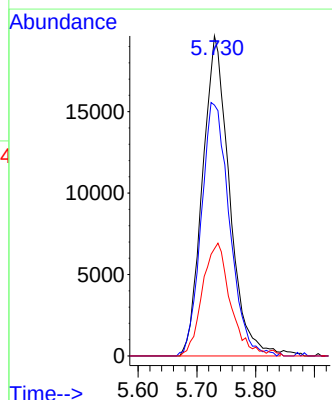
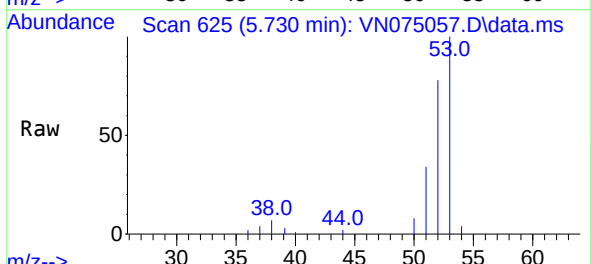
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

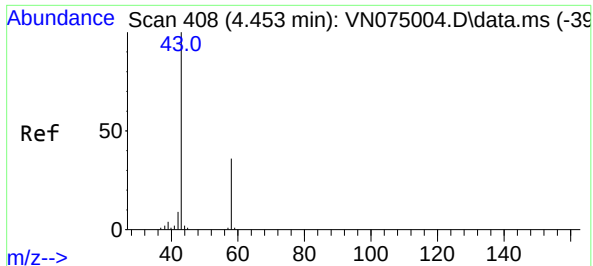
Tgt Ion: 56 Resp: 17096
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4



#14
Acrylonitrile
Concen: 125.632 ug/l
RT: 5.730 min Scan# 625
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 53 Resp: 62520
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.4
51 35.9 19.0 57.0





#15

Acetone

Concen: 155.437 ug/l

RT: 4.436 min Scan# 405

Delta R.T. -0.018 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

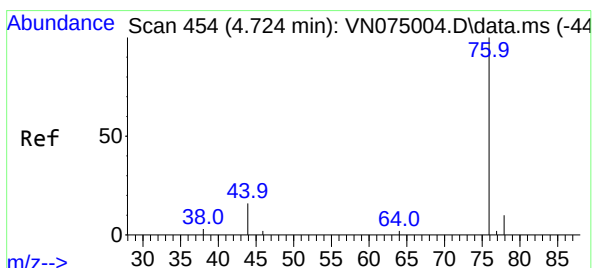
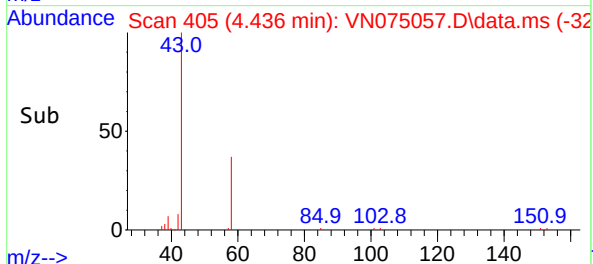
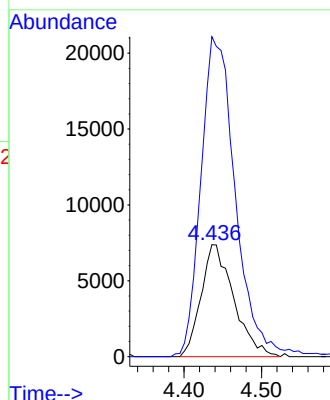
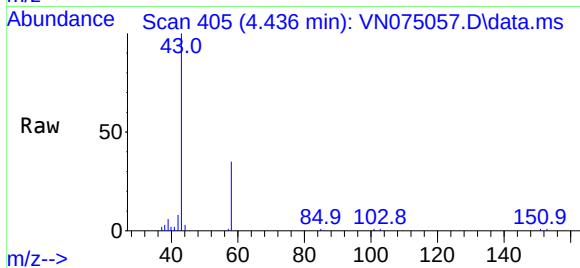
VN1028WBSD01

Tgt Ion: 58 Resp: 21611

Ion Ratio Lower Upper

58 100

43 282.7 256.6 384.8



#16

Carbon Disulfide

Concen: 25.755 ug/l

RT: 4.718 min Scan# 453

Delta R.T. -0.006 min

Lab File: VN075057.D

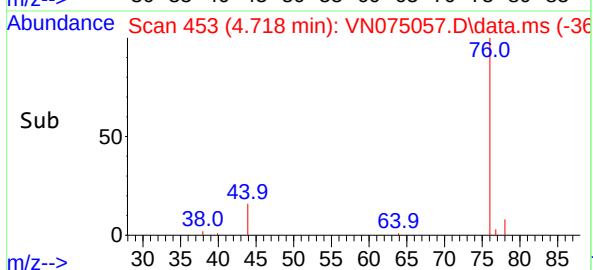
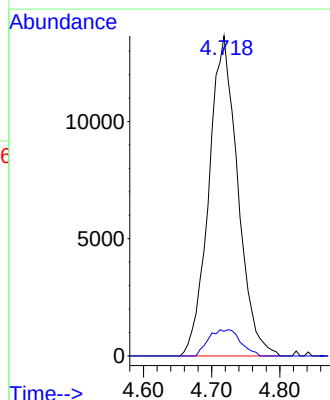
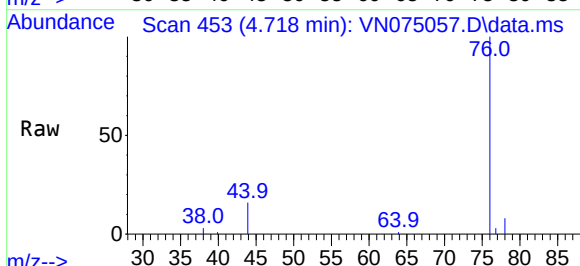
Acq: 28 Oct 2022 13:48

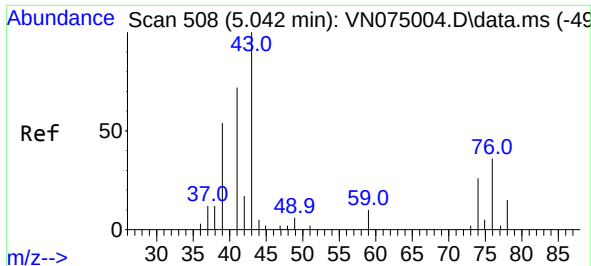
Tgt Ion: 76 Resp: 40315

Ion Ratio Lower Upper

76 100

78 7.7 7.8 11.8#





#17

Allyl chloride

Concen: 26.413 ug/l

RT: 5.030 min Scan# 508

Delta R.T. -0.012 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

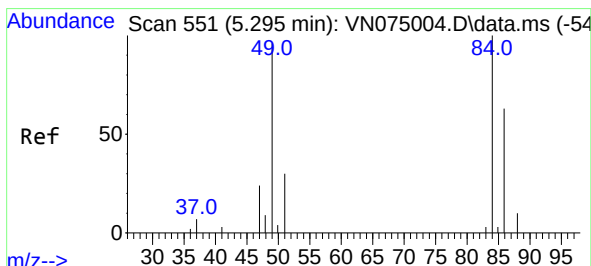
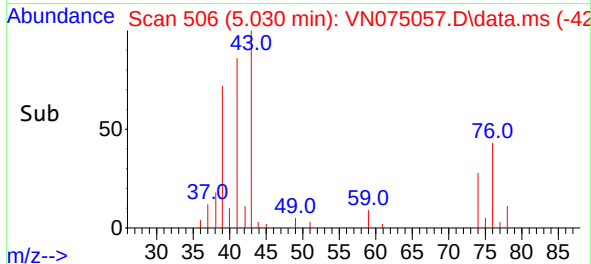
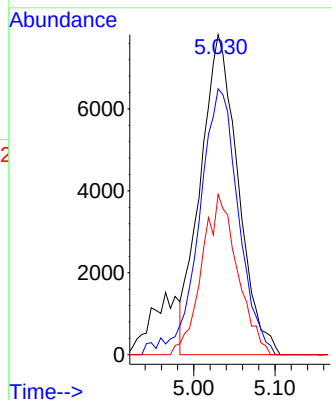
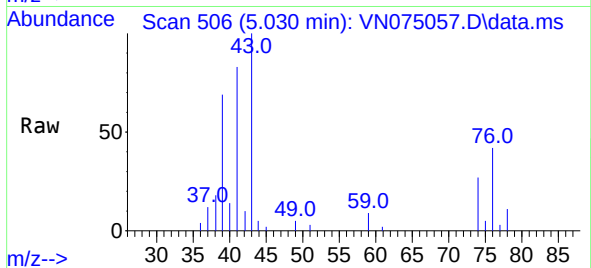
Tgt Ion: 41 Resp: 25165

Ion Ratio Lower Upper

41 100

39 83.1 44.6 134.0

76 50.0 19.6 58.7



#18

Methylene Chloride

Concen: 26.680 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.012 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Tgt Ion: 84 Resp: 23767

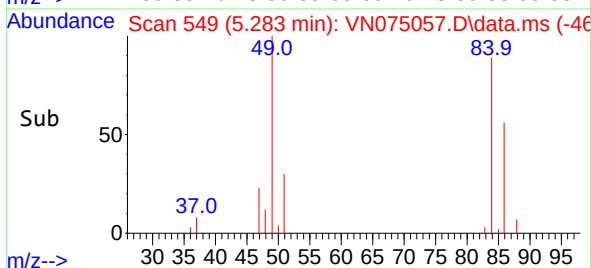
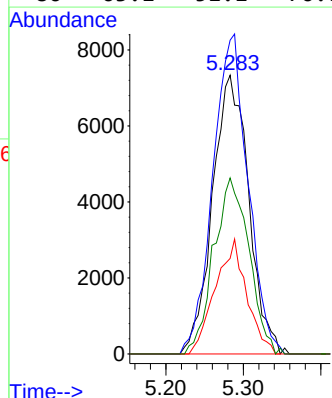
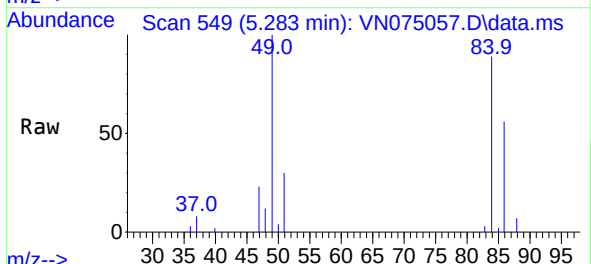
Ion Ratio Lower Upper

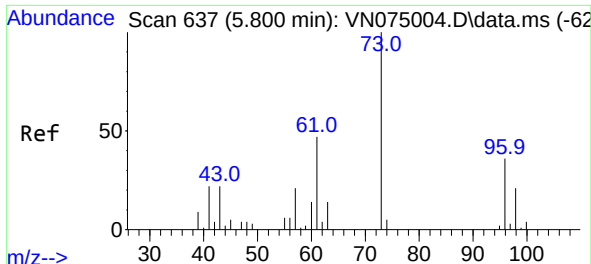
84 100

49 112.6 91.4 137.0

51 34.3 29.4 44.0

86 63.1 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 27.052 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

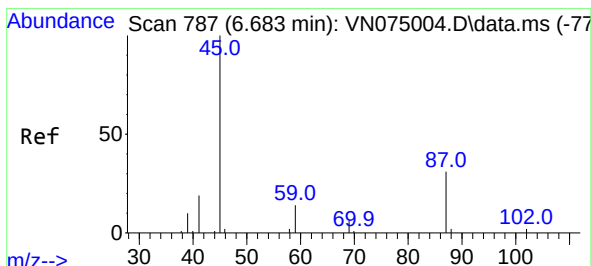
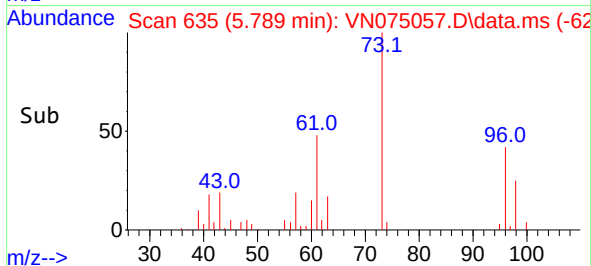
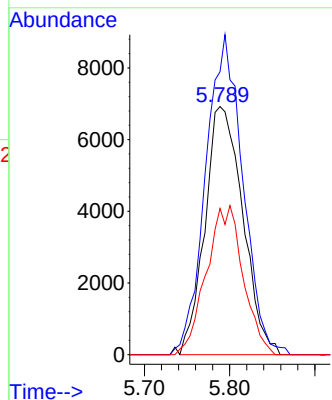
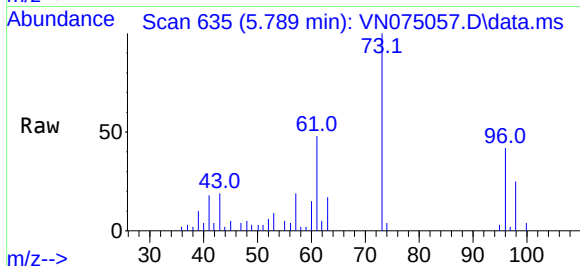
Tgt Ion: 96 Resp: 21385

Ion Ratio Lower Upper

96 100

61 111.1 102.8 154.2

98 58.9 49.3 73.9



#20

Diisopropyl ether

Concen: 26.430 ug/l

RT: 6.677 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Tgt Ion: 45 Resp: 65358

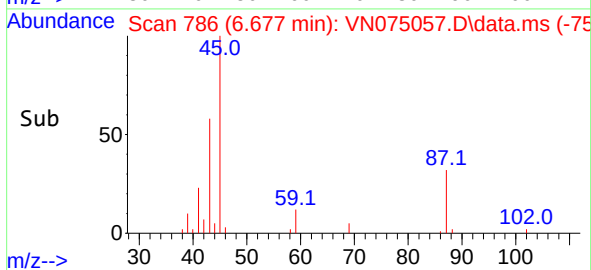
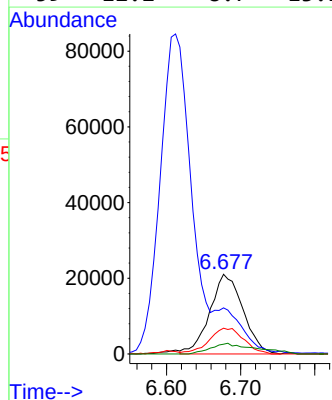
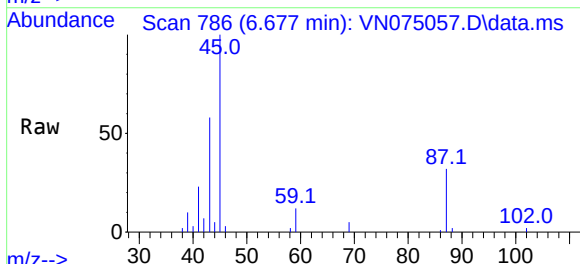
Ion Ratio Lower Upper

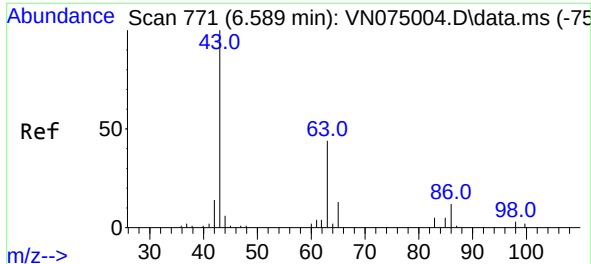
45 100

43 54.3 51.0 76.4

87 32.3 25.0 37.4

59 12.2 8.7 13.1

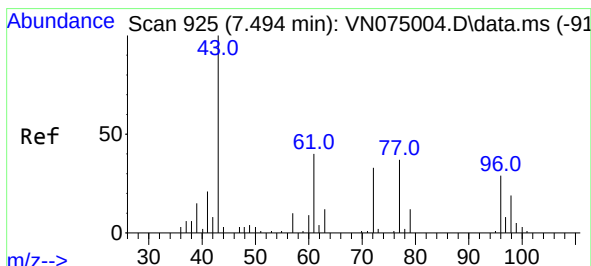
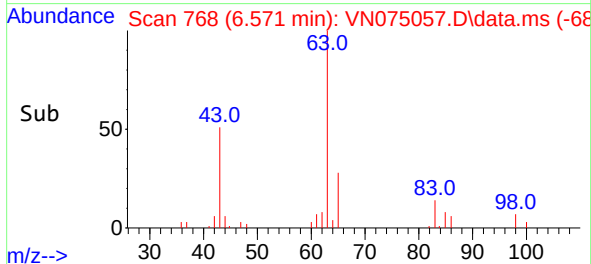
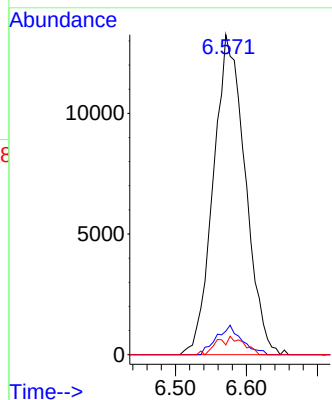
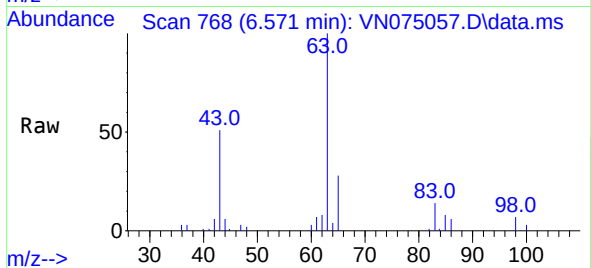




#21
1,1-Dichloroethane
Concen: 26.792 ug/l
RT: 6.571 min Scan# 711
Delta R.T. -0.018 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

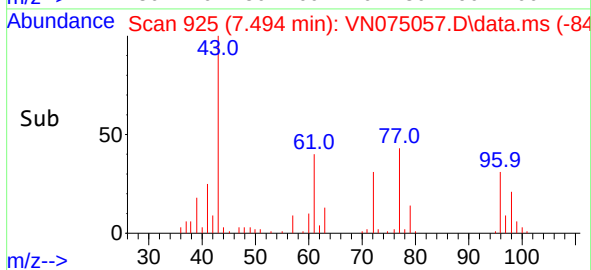
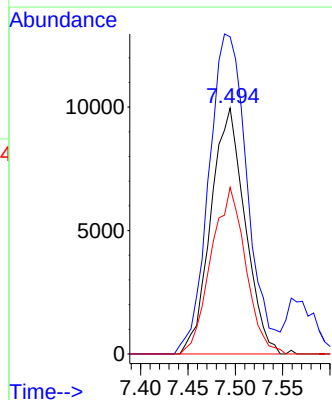
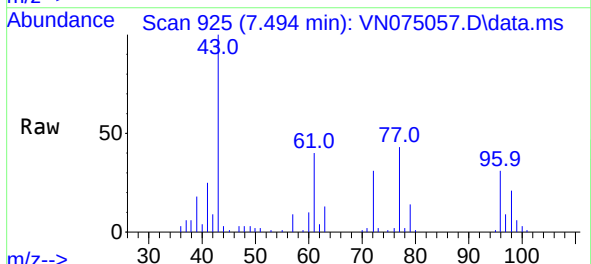
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

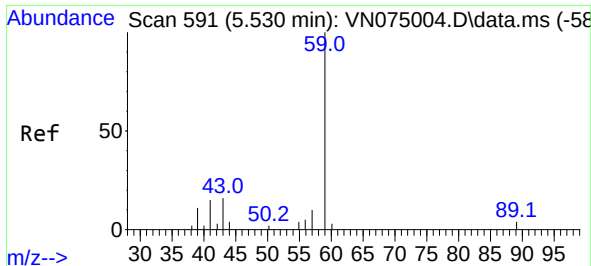
Tgt Ion: 63 Resp: 41149
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 3.1 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 25.033 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 96 Resp: 25004
Ion Ratio Lower Upper
96 100
61 146.2 115.7 173.5
98 68.3 51.6 77.4

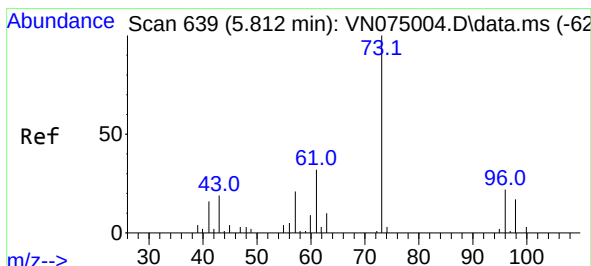
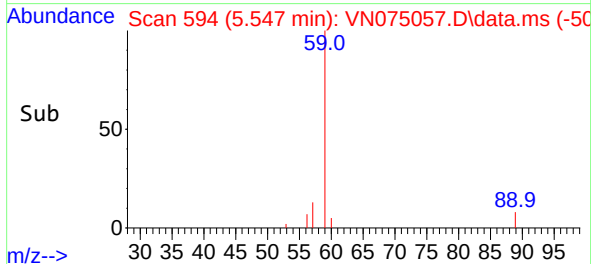
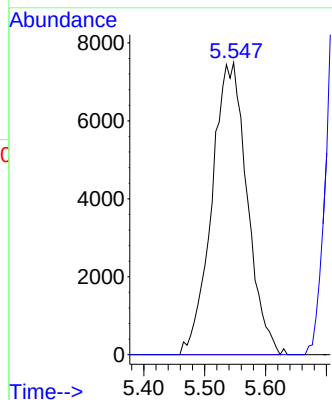
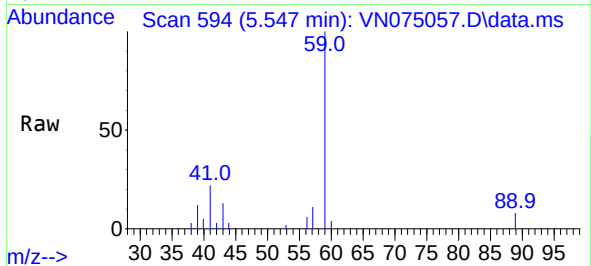




#23
tert-Butyl Alcohol
Concen: 131.213 ug/l
RT: 5.547 min Scan# 591
Delta R.T. 0.018 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

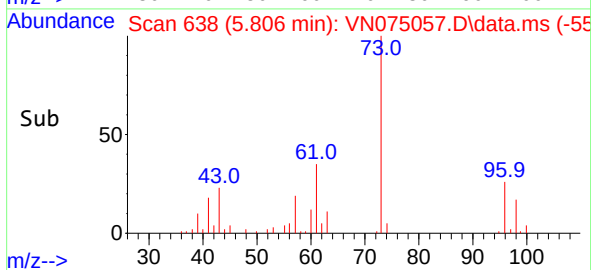
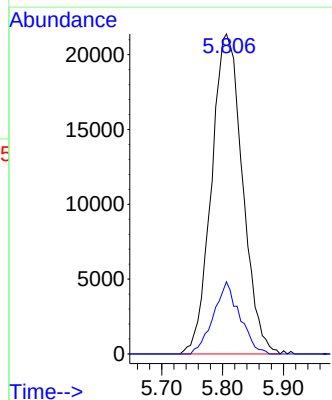
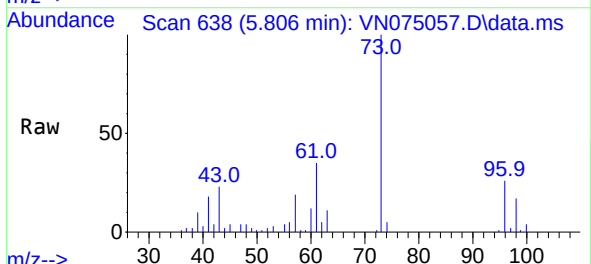
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

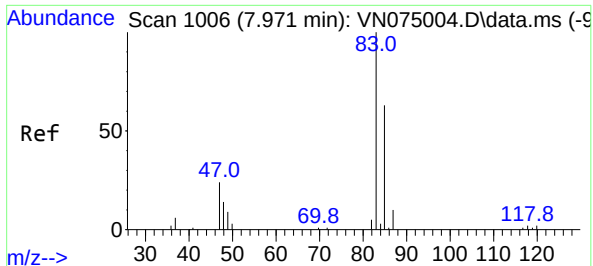
Tgt Ion: 59 Resp: 30227
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 26.047 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 73 Resp: 75749
Ion Ratio Lower Upper
73 100
43 19.1 18.1 27.1





#25

Chloroform

Concen: 26.849 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

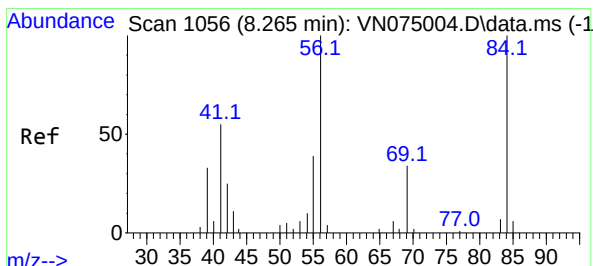
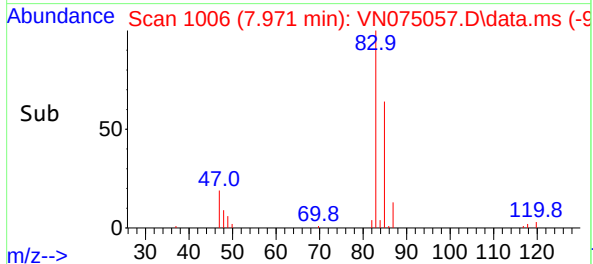
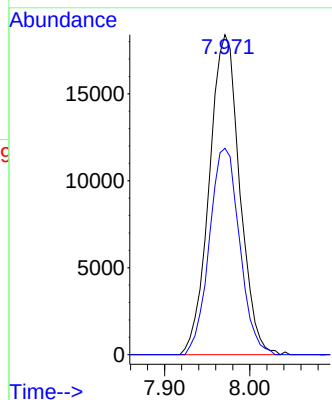
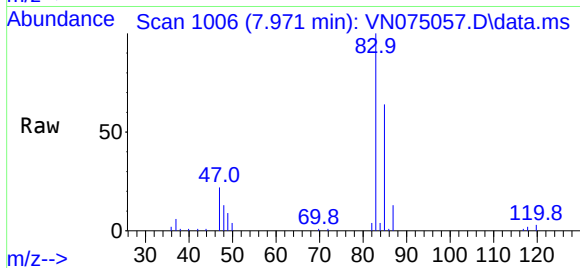
VN1028WBSD01

Tgt Ion: 83 Resp: 45557

Ion Ratio Lower Upper

83 100

85 64.5 51.3 76.9



#26

Cyclohexane

Concen: 26.869 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

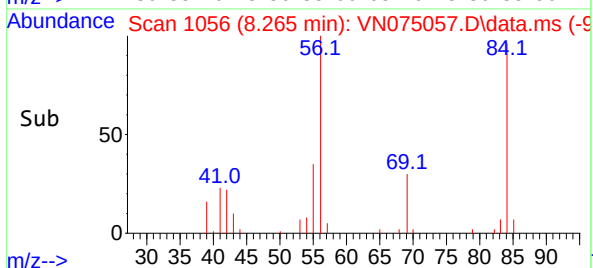
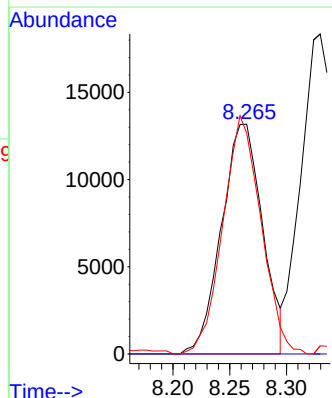
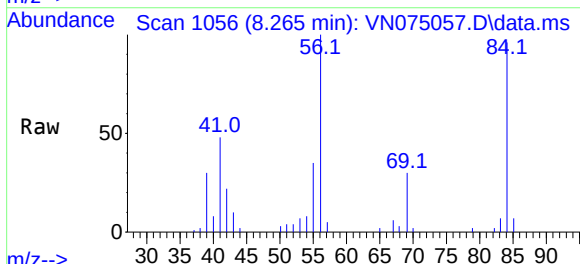
Tgt Ion: 56 Resp: 33151

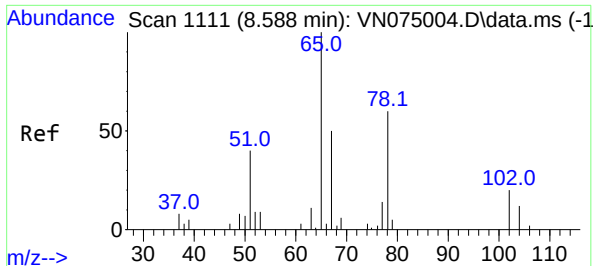
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 96.3 74.6 111.8

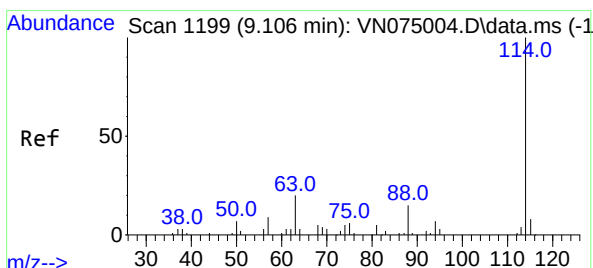
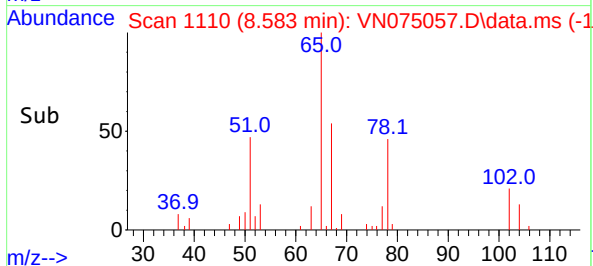
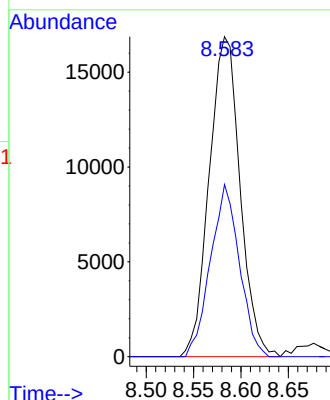
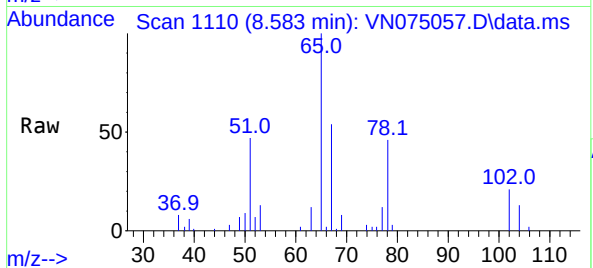




#27
1,2-Dichloroethane-d4
Concen: 33.750 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

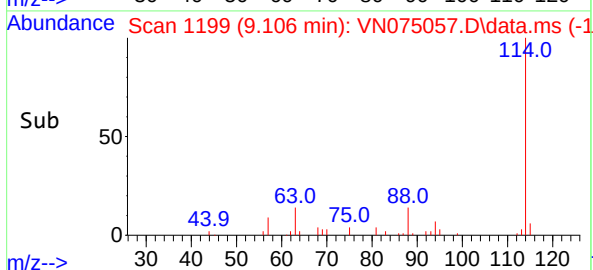
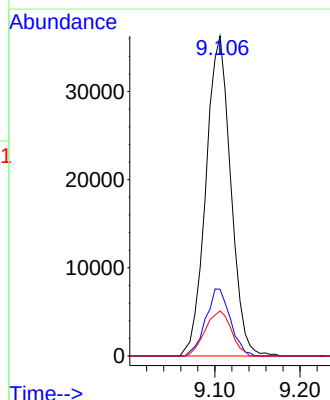
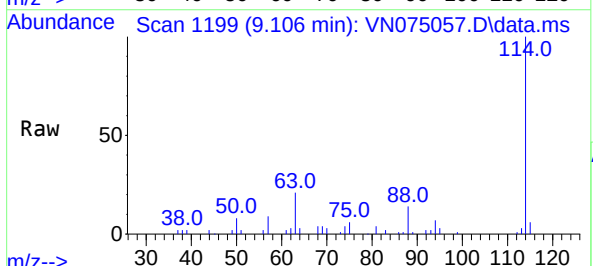
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

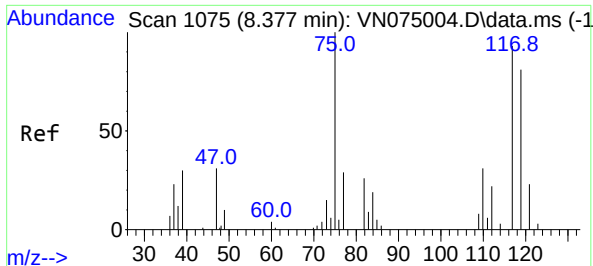
Tgt Ion: 65 Resp: 38299
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 114 Resp: 73456
Ion Ratio Lower Upper
114 100
63 20.8 15.8 23.6
88 14.7 11.6 17.4



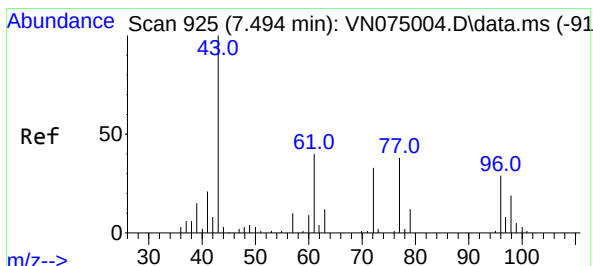
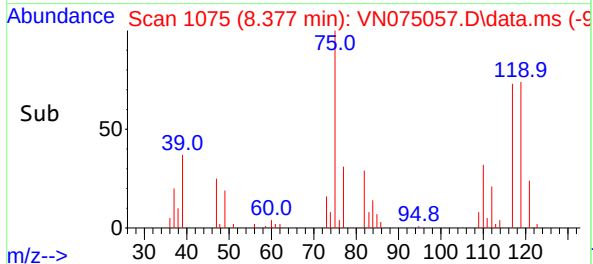
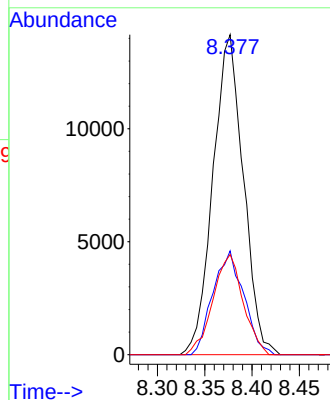
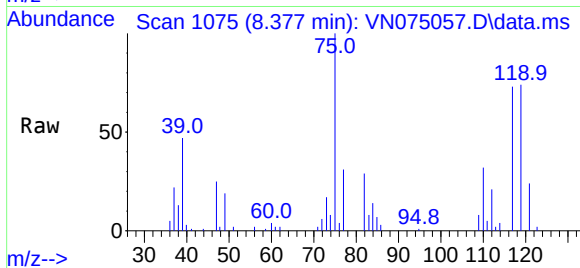


#29
1,1-Dichloropropene
Concen: 25.083 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 75 Resp: 31604

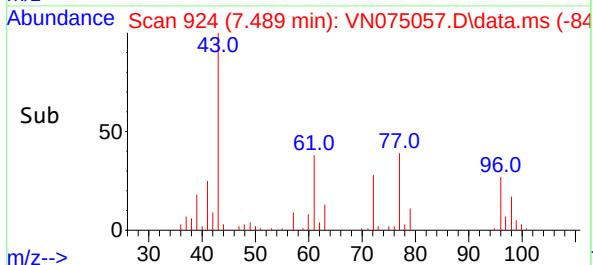
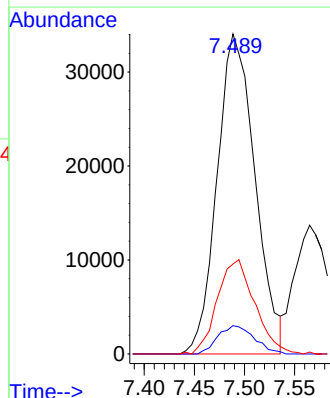
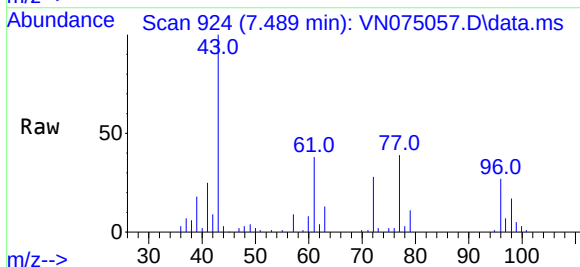
Ion	Ratio	Lower	Upper
75	100		
110	32.9	0.0	74.2
77	31.2	0.0	63.2

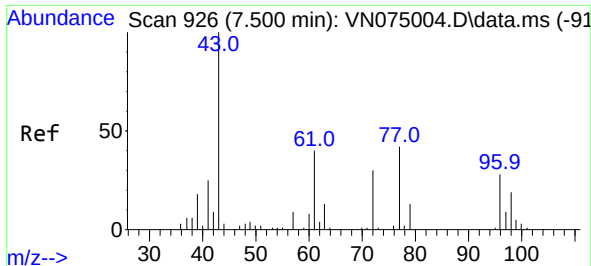


#30
2-Butanone
Concen: 123.387 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 43 Resp: 89620

Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.7	10.1
72	29.0	23.2	34.8





#31

2,2-Dichloropropane

Concen: 25.295 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

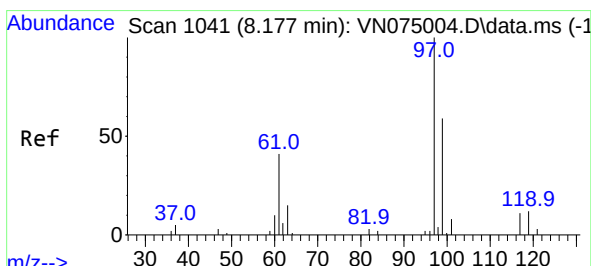
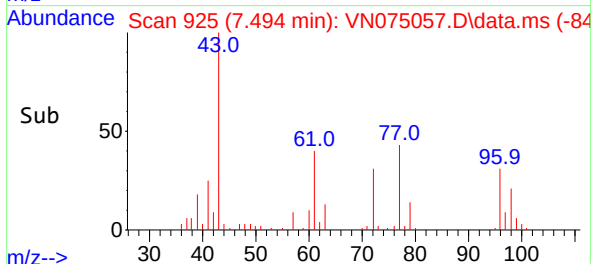
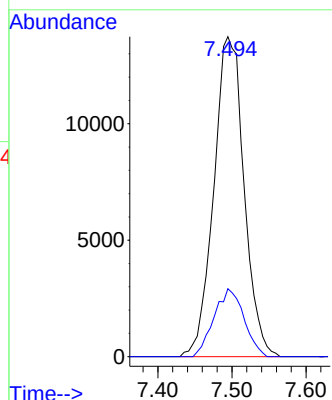
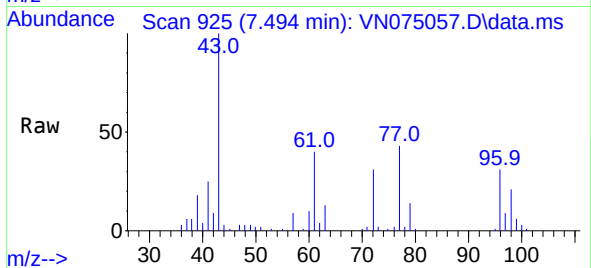
VN1028WBSD01

Tgt Ion: 77 Resp: 38931

Ion Ratio Lower Upper

77 100

97 21.0 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 24.127 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

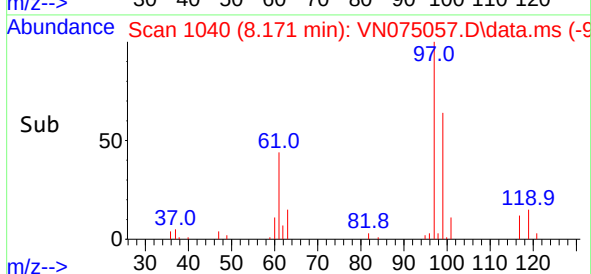
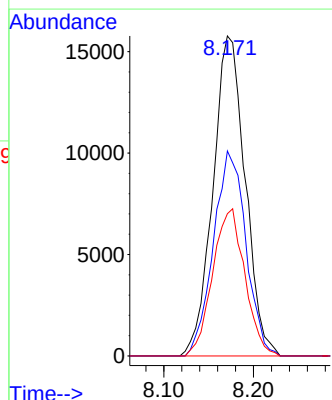
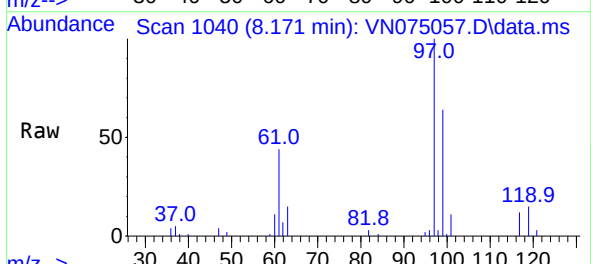
Tgt Ion: 97 Resp: 39371

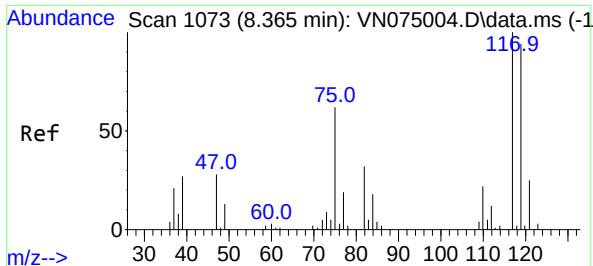
Ion Ratio Lower Upper

97 100

99 64.5 50.4 75.6

61 45.9 34.6 51.8

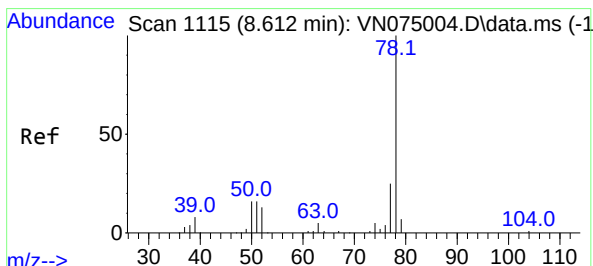
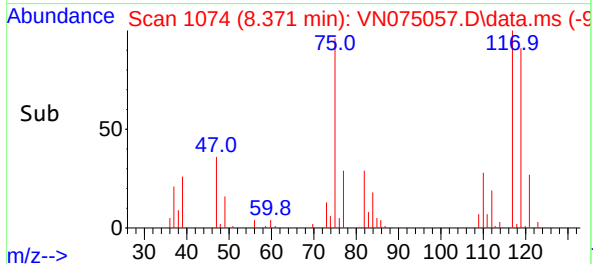
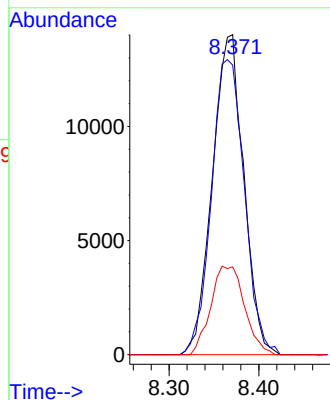
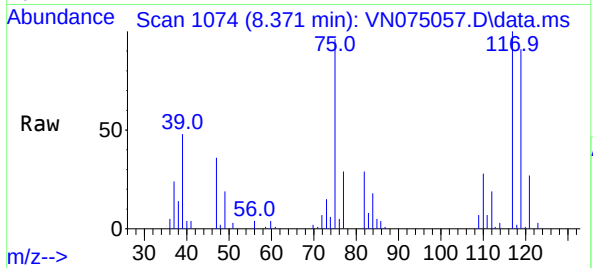




#33
Carbon Tetrachloride
Concen: 23.691 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

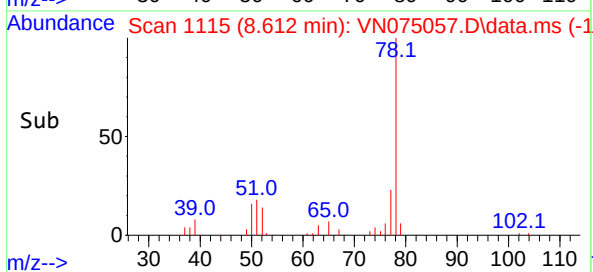
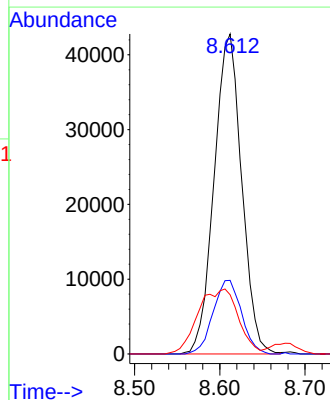
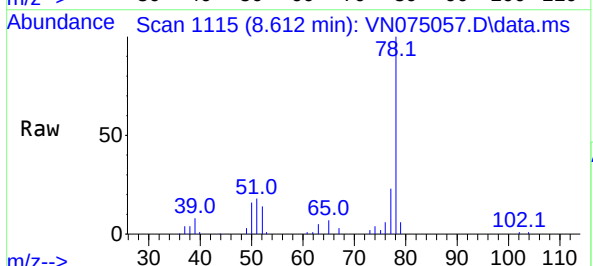
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

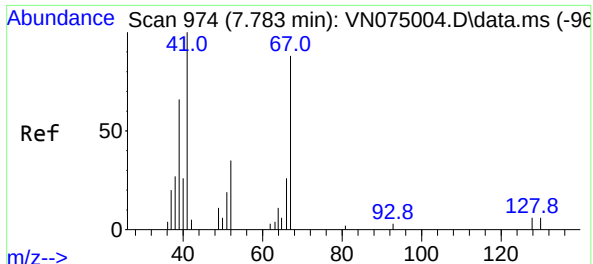
Tgt Ion:117 Resp: 34040
Ion Ratio Lower Upper
117 100
119 90.5 77.5 116.3
121 27.5 23.5 35.3



#34
Benzene
Concen: 24.909 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 78 Resp: 95949
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7
51 16.8 16.0 24.0

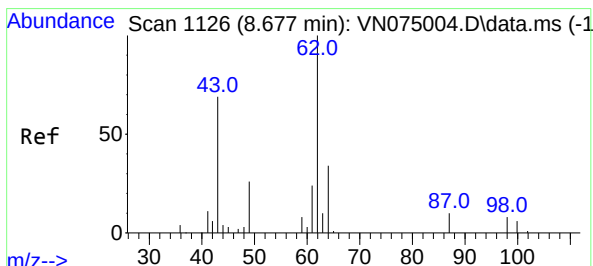
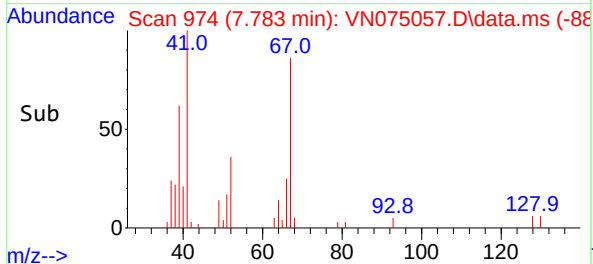
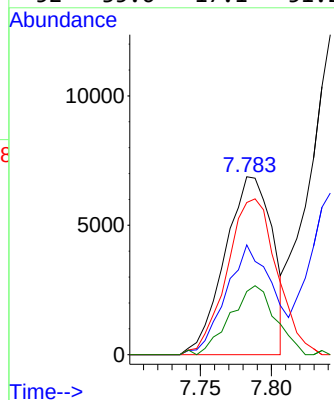
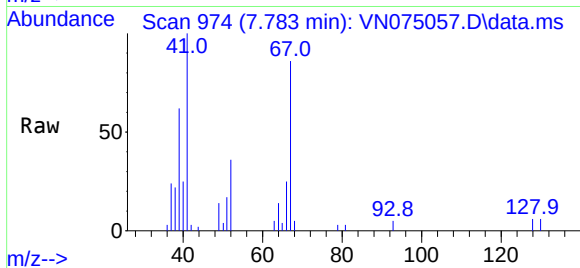




#35
Methacrylonitrile
Concen: 23.069 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

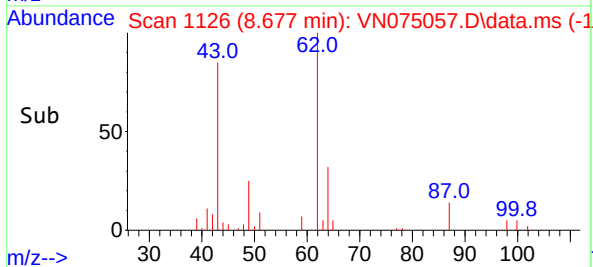
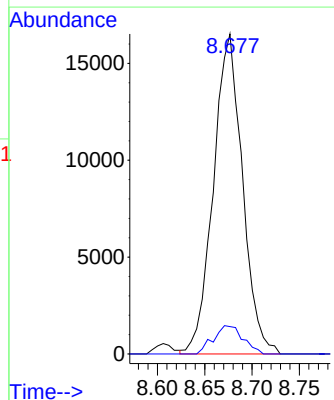
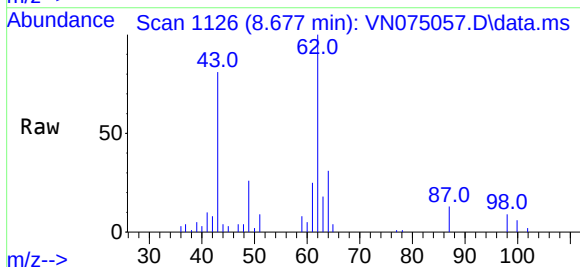
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

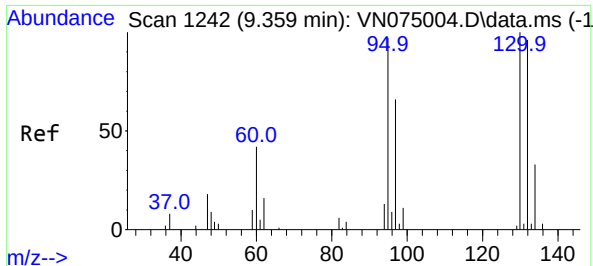
Tgt Ion: 41	Resp: 16060
Ion Ratio	Lower Upper
41 100	
39 61.7	28.0 83.9
67 85.5	37.7 113.1
52 35.6	17.1 51.2



#36
1,2-Dichloroethane
Concen: 24.755 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 62	Resp: 35333
Ion Ratio	Lower Upper
62 100	
98 9.0	6.6 10.0

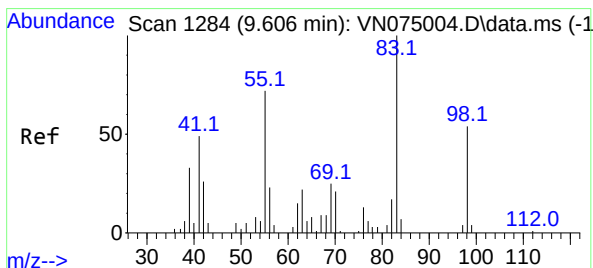
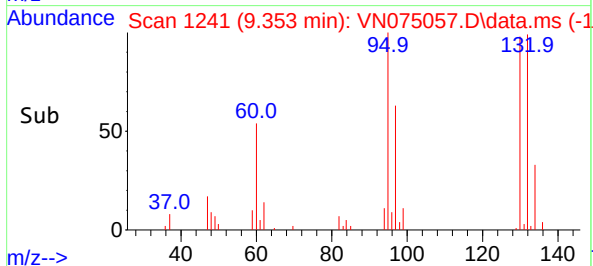
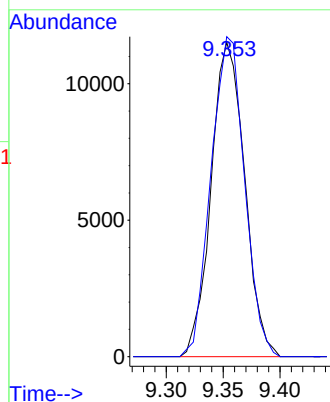
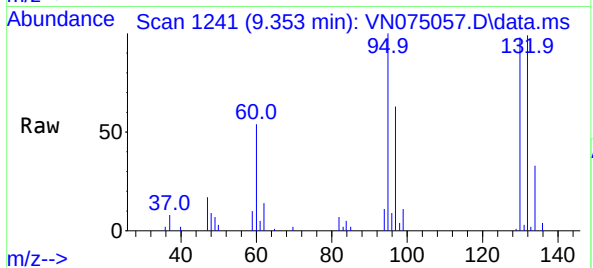




#37
Trichloroethene
Concen: 24.674 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

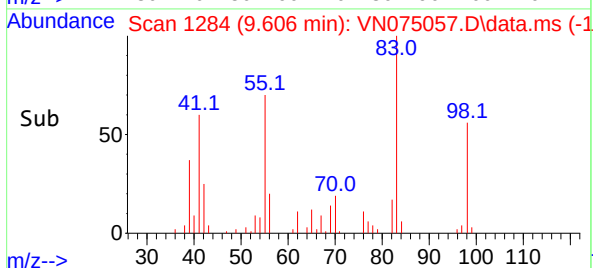
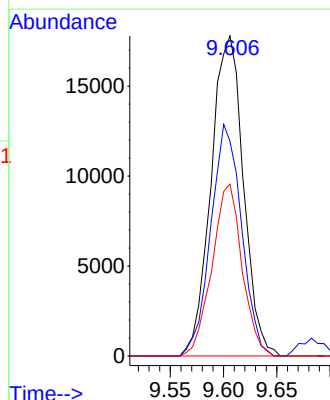
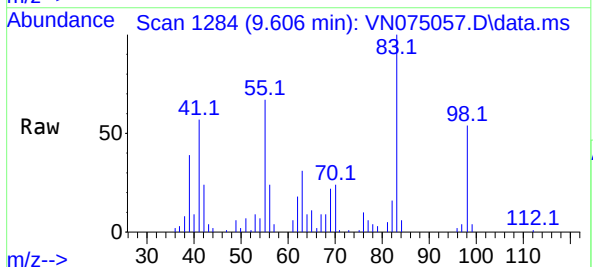
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

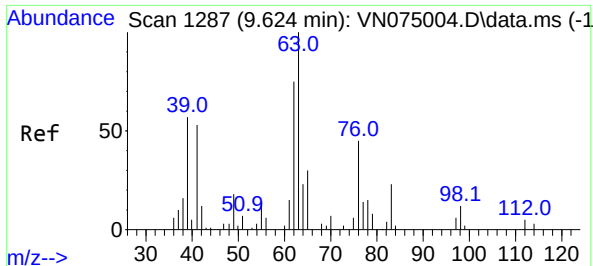
Tgt Ion:130 Resp: 23618
Ion Ratio Lower Upper
130 100
95 101.8 76.6 115.0



#38
Methylcyclohexane
Concen: 24.074 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 83 Resp: 37610
Ion Ratio Lower Upper
83 100
55 68.8 35.1 105.3
98 49.7 23.4 70.2

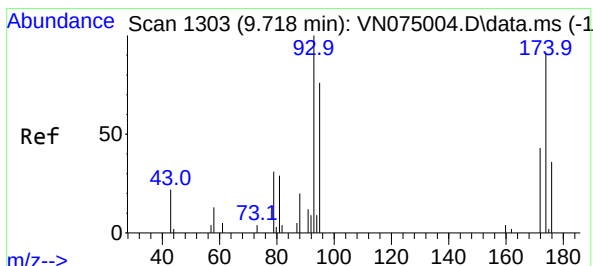
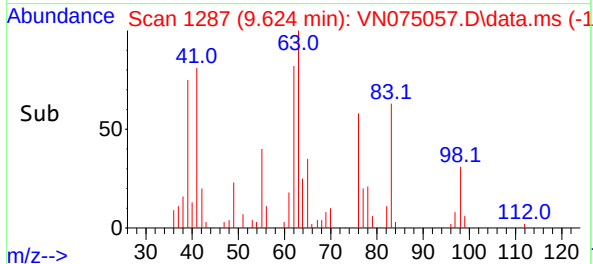
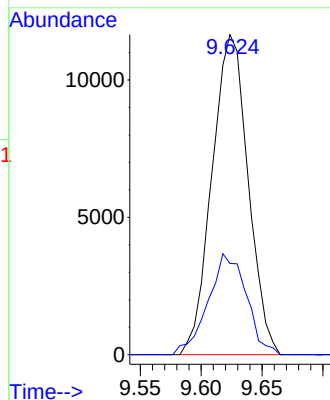
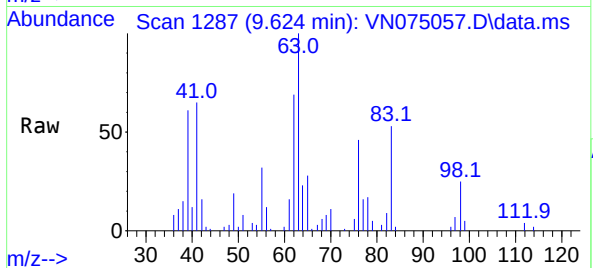




#39
1,2-Dichloropropane
Concen: 24.831 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

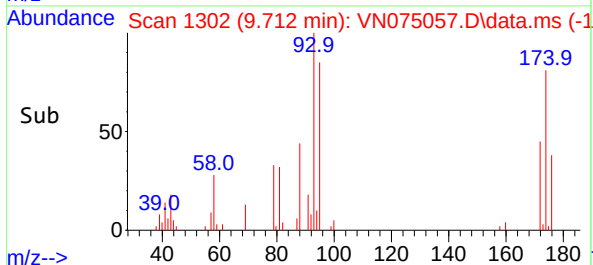
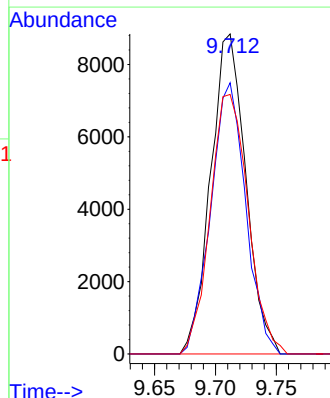
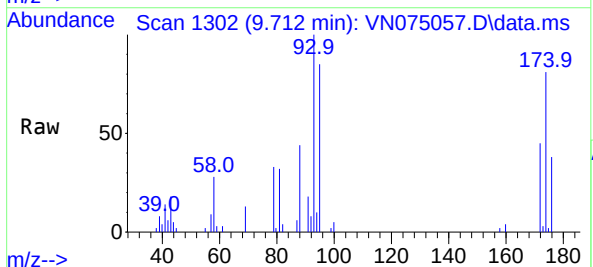
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

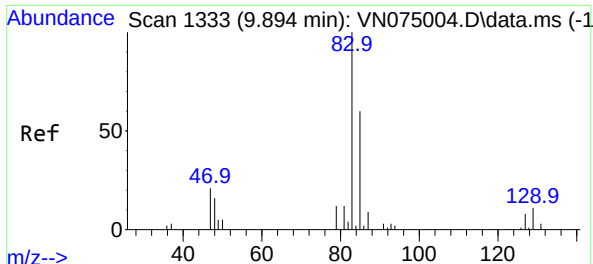
Tgt Ion: 63 Resp: 24079
Ion Ratio Lower Upper
63 100
65 28.5 24.2 36.4



#40
Dibromomethane
Concen: 24.058 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 93 Resp: 17699
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.8
174 87.5 0.0 173.6

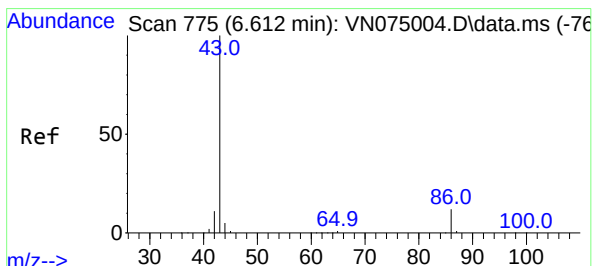
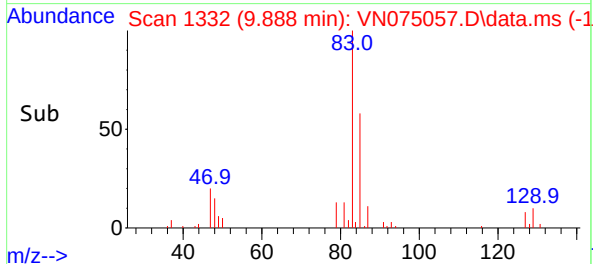
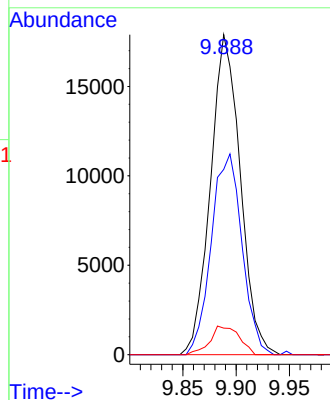
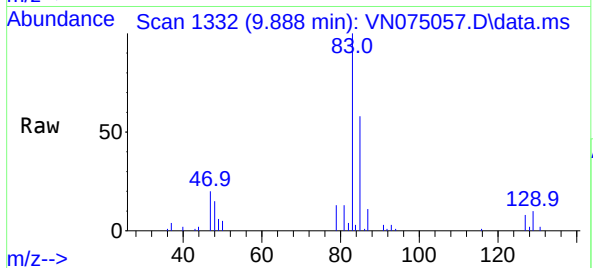




#41
Bromodichloromethane
Concen: 24.337 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

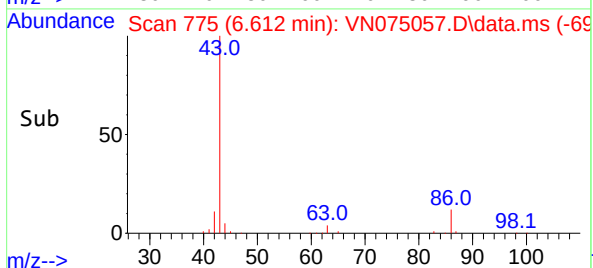
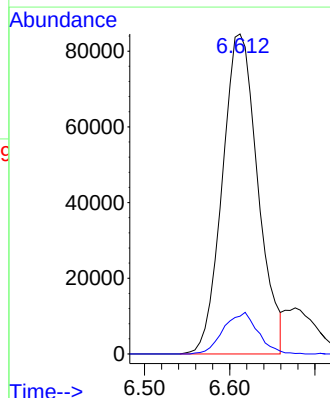
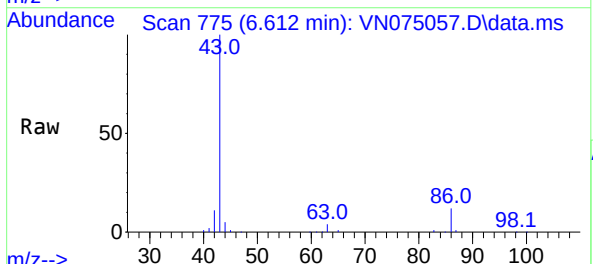
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

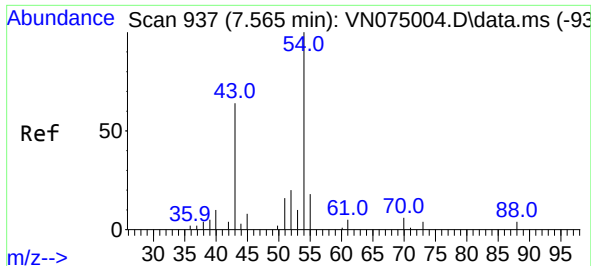
Tgt Ion: 83 Resp: 34858
Ion Ratio Lower Upper
83 100
85 57.9 54.1 81.1
127 8.3 7.6 11.4



#42
Vinyl Acetate
Concen: 119.731 ug/l
RT: 6.612 min Scan# 775
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 43 Resp: 244956
Ion Ratio Lower Upper
43 100
86 12.6 7.5 11.3#

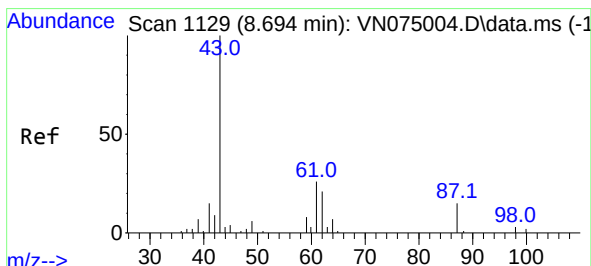
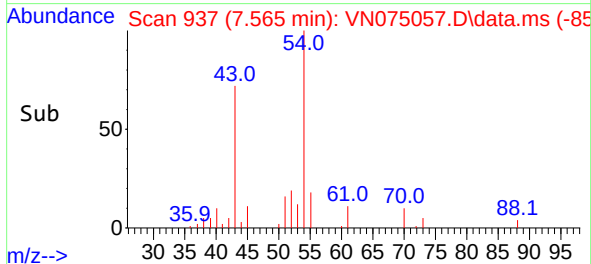
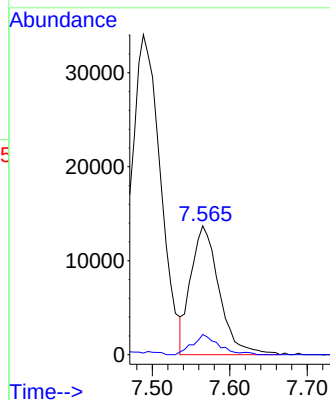
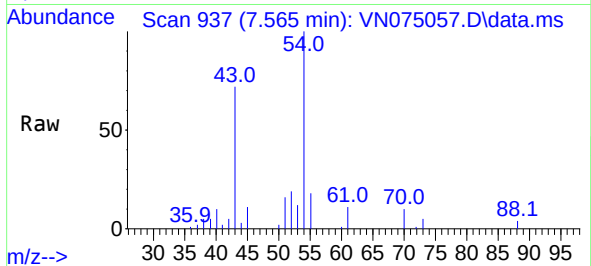




#43
Ethyl Acetate
Concen: 24.213 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

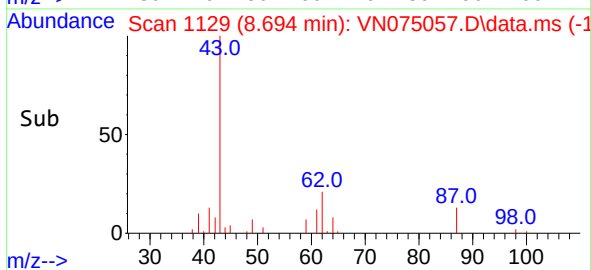
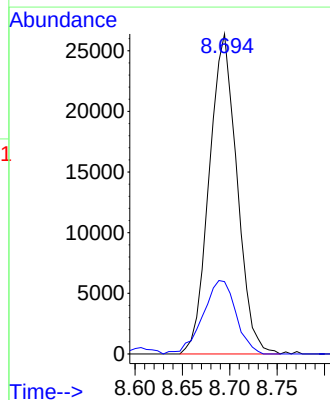
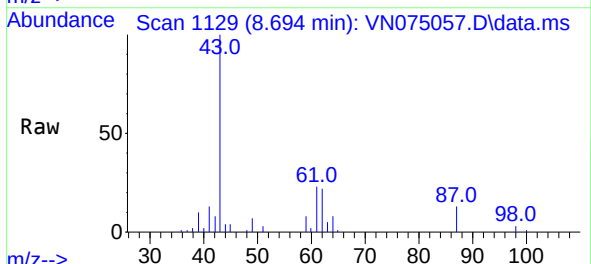
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

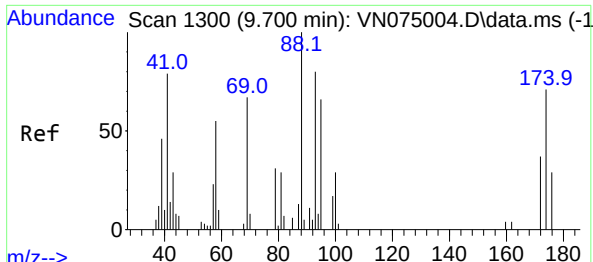
Tgt Ion: 43 Resp: 34756
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0



#44
Isopropyl Acetate
Concen: 23.361 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 43 Resp: 53790
Ion Ratio Lower Upper
43 100
61 27.0 20.1 30.1

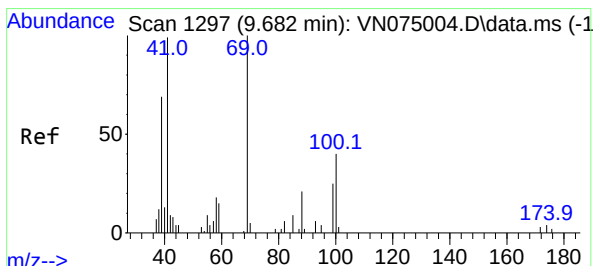
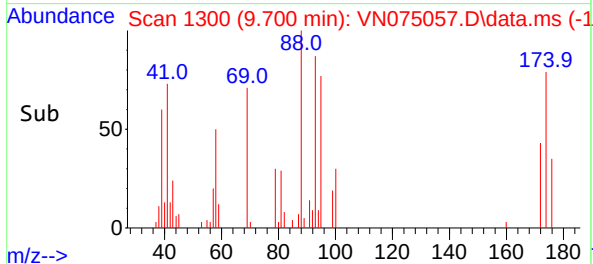
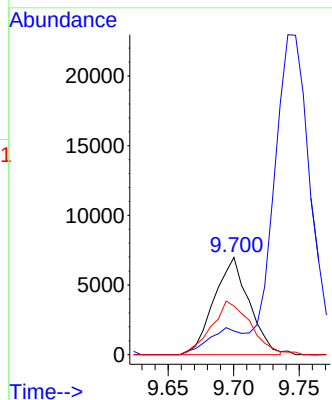
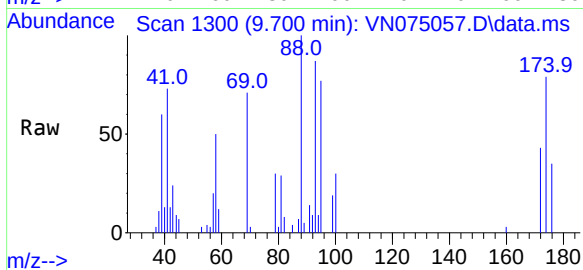




#45
1,4-Dioxane
Concen: 457.403 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

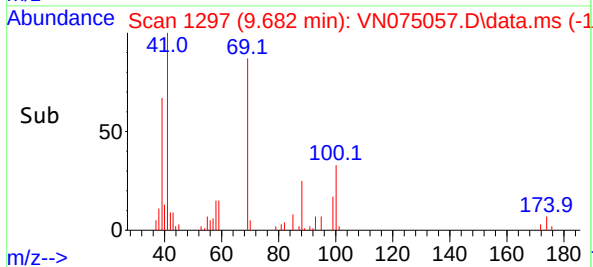
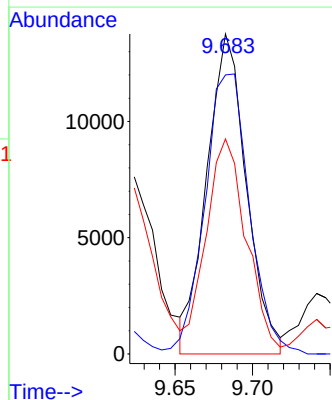
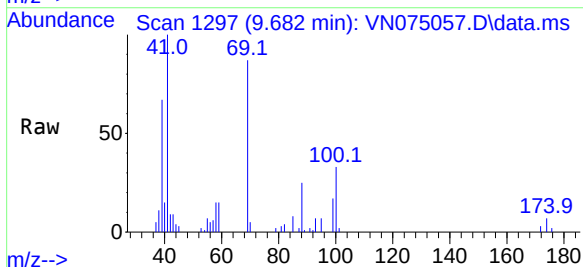
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

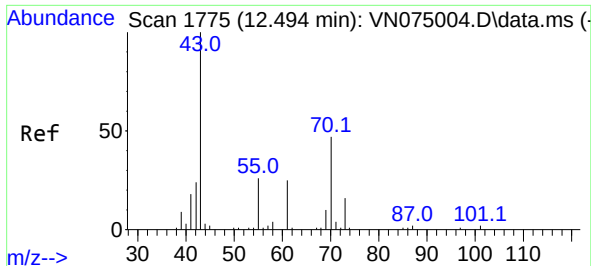
Tgt Ion: 88 Resp: 12963
Ion Ratio Lower Upper
88 100
43 25.7 25.0 37.6
58 61.5 49.4 74.2



#46
Methyl methacrylate
Concen: 23.677 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 41 Resp: 24456
Ion Ratio Lower Upper
41 100
69 87.4 44.4 133.2
39 68.5 39.9 119.6

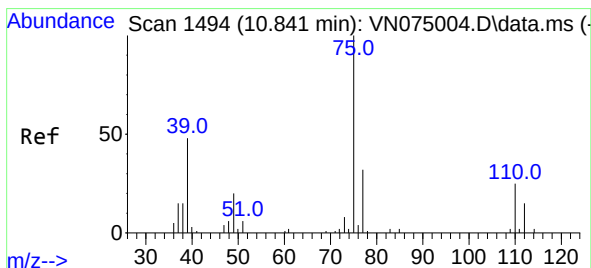
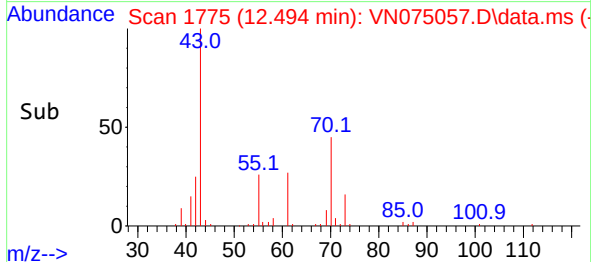
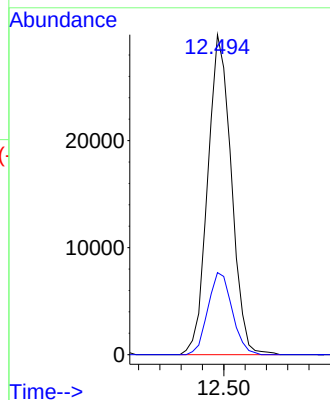
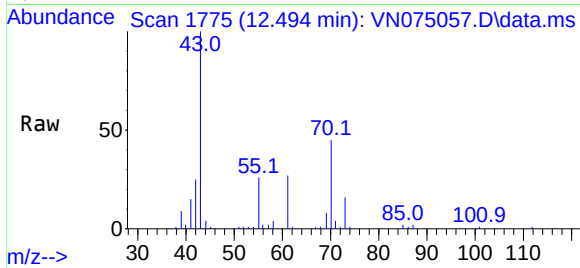




#47
n-amy1 Acetate
Concen: 23.322 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

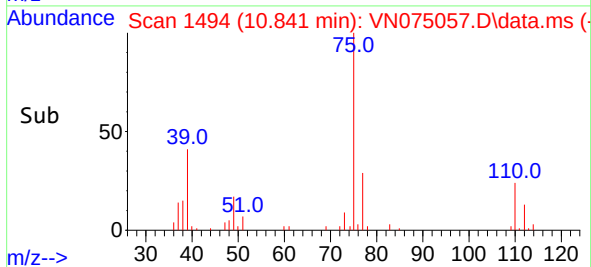
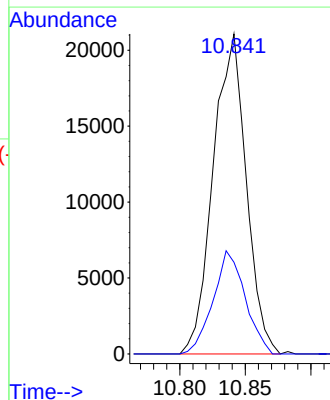
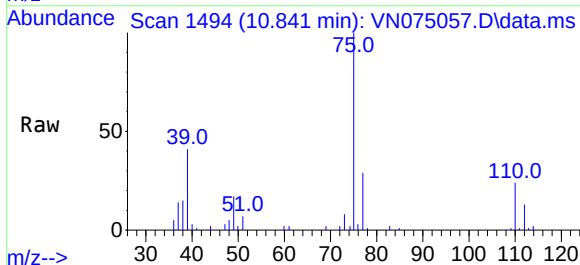
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

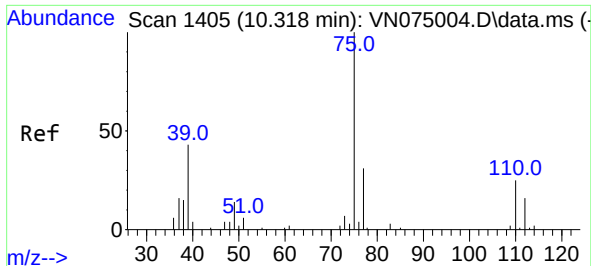
Tgt Ion: 43 Resp: 46132
Ion Ratio Lower Upper
43 100
55 26.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 23.572 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 75 Resp: 36885
Ion Ratio Lower Upper
75 100
77 28.6 25.3 37.9



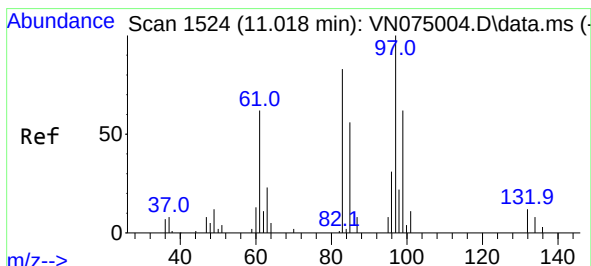
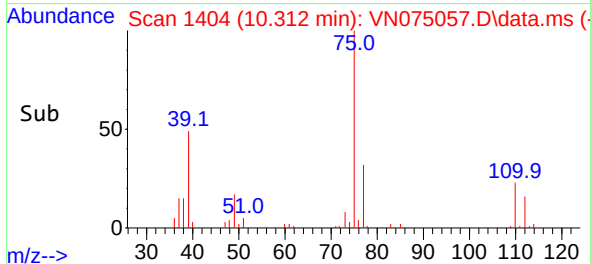
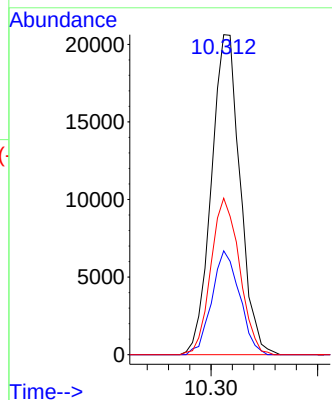
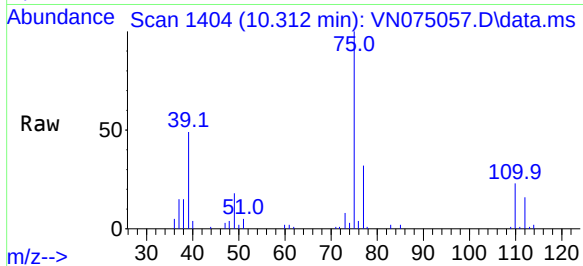


#49
 cis-1,3-Dichloropropene
 Concen: 23.433 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Tgt Ion: 75 Resp: 38540

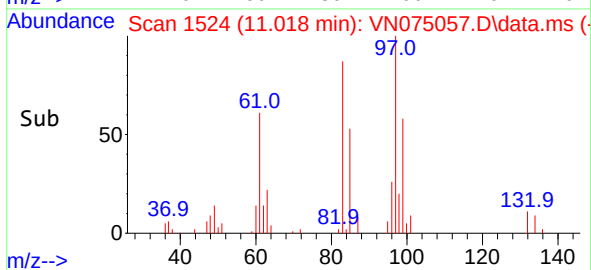
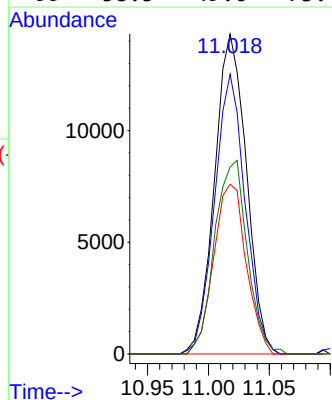
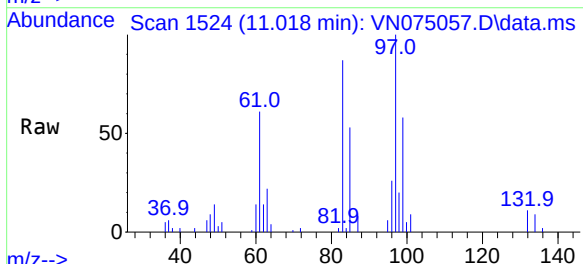
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	48.9	46.2	69.4

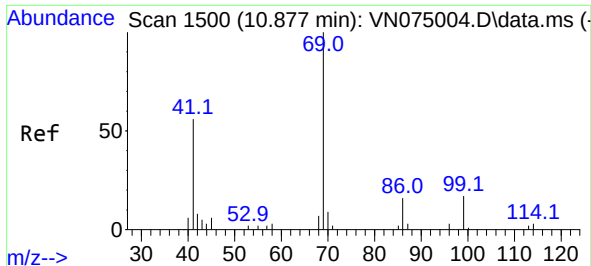


#50
 1,1,2-Trichloroethane
 Concen: 24.150 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

Tgt Ion: 97 Resp: 26029

Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.2	100.8
85	53.0	43.0	64.4
99	58.5	49.0	73.4

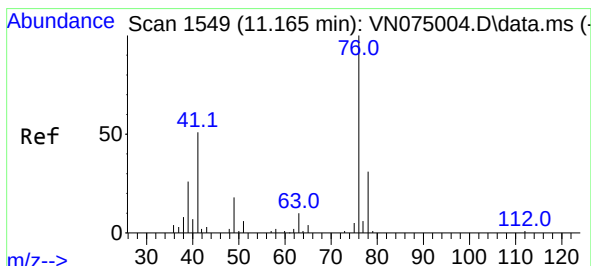
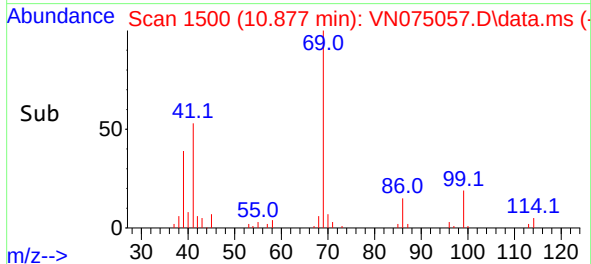
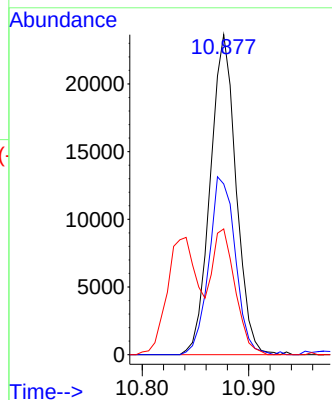
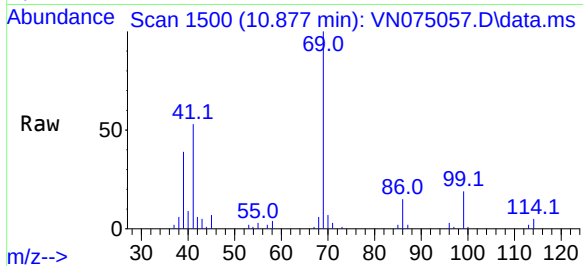




#51
Ethyl methacrylate
Concen: 23.678 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

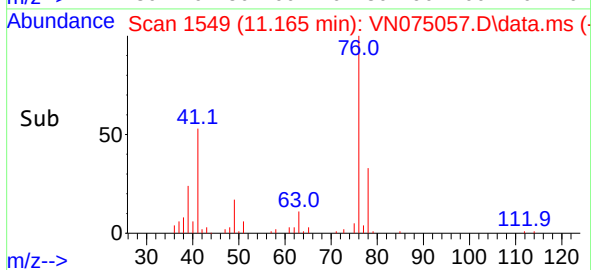
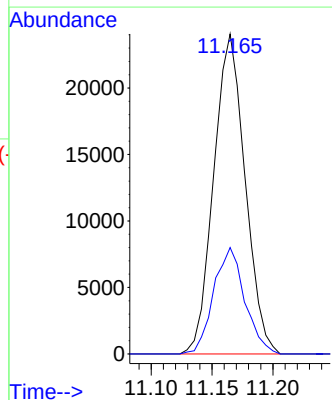
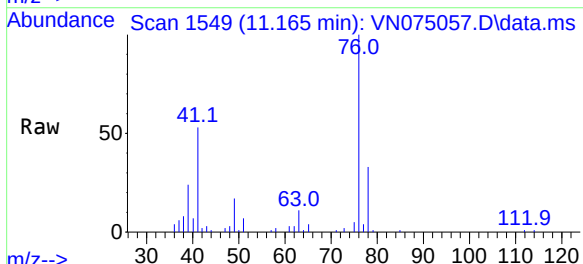
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

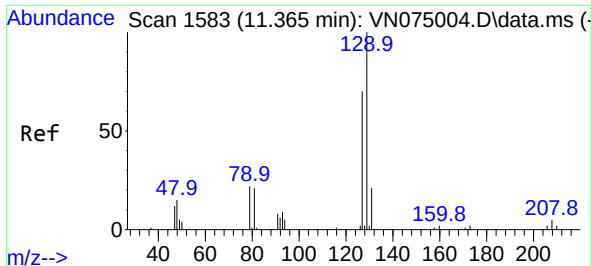
Tgt Ion: 69 Resp: 39763
Ion Ratio Lower Upper
69 100
41 53.3 33.0 98.9
39 39.3 25.4 76.4



#52
1,3-Dichloropropane
Concen: 23.937 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 76 Resp: 43151
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.4

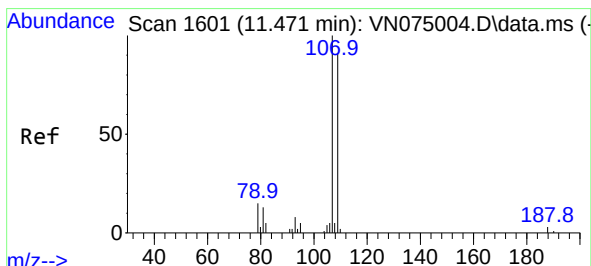
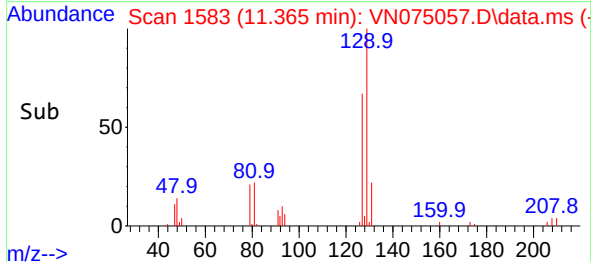
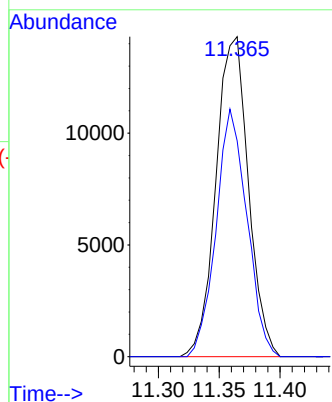
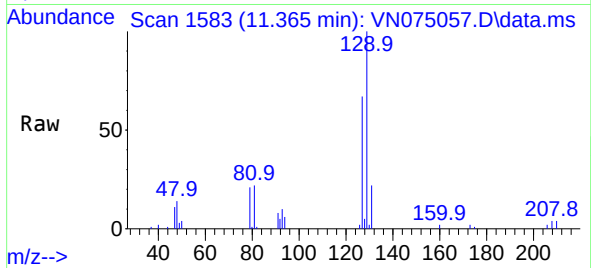




#53
Dibromochloromethane
Concen: 22.772 ug/l
RT: 11.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

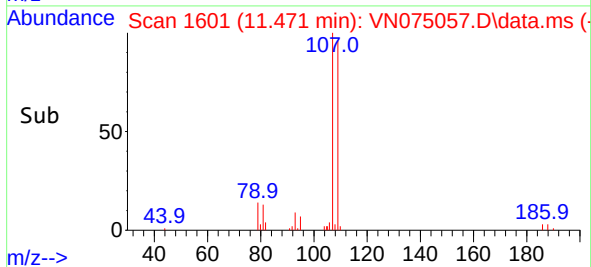
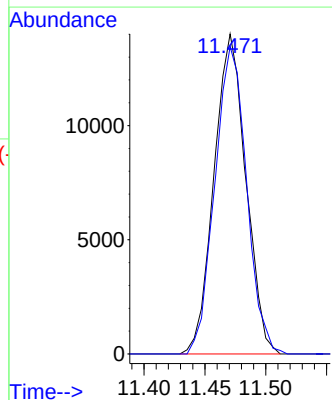
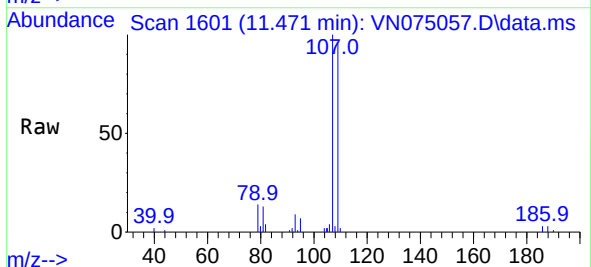
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

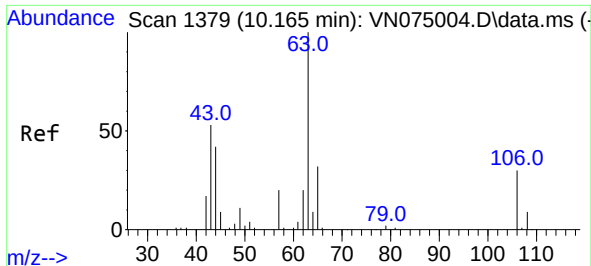
Tgt Ion:129 Resp: 26547
Ion Ratio Lower Upper
129 100
127 73.5 39.0 117.0



#54
1,2-Dibromoethane
Concen: 22.850 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:107 Resp: 25480
Ion Ratio Lower Upper
107 100
109 95.9 72.8 109.2

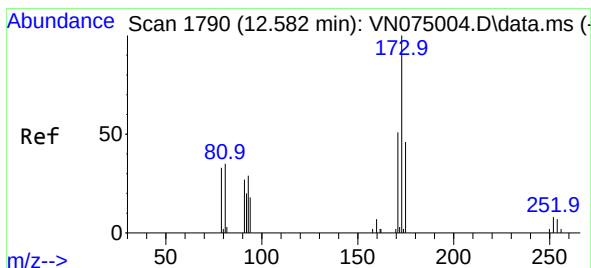
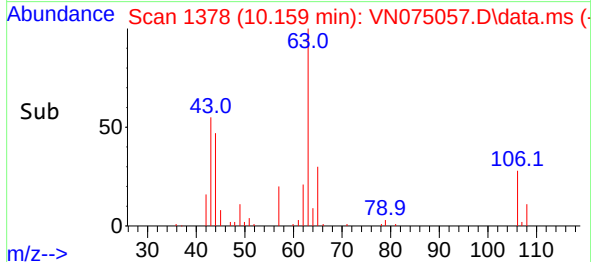
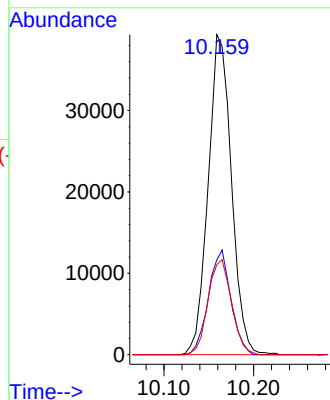
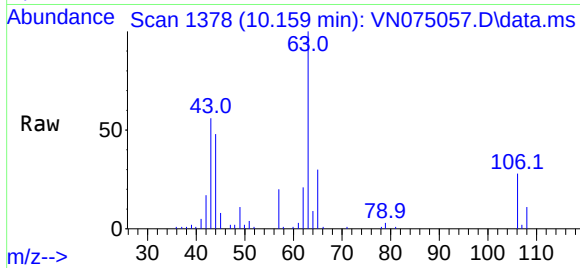




#55
2-Chloroethyl vinyl ether
Concen: 103.231 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

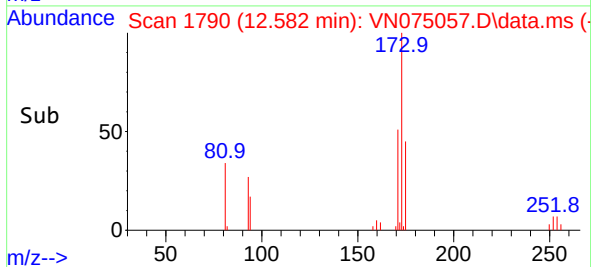
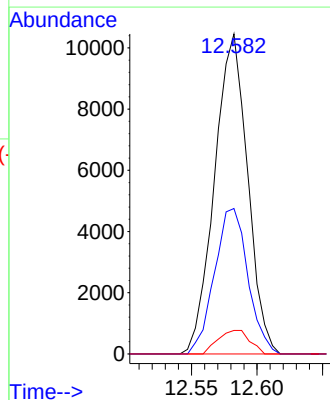
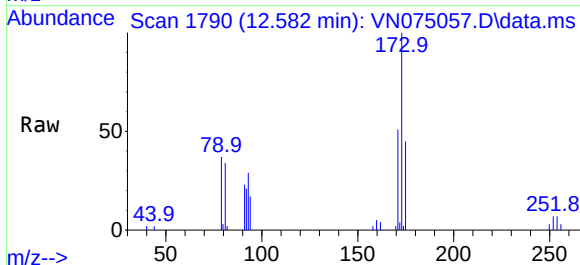
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

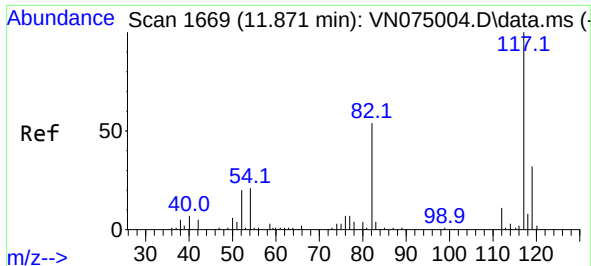
Tgt Ion: 63 Resp: 70826
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.0
106 30.0 23.2 34.8



#56
Bromoform
Concen: 21.413 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:173 Resp: 18327
Ion Ratio Lower Upper
173 100
175 46.0 38.6 58.0
254 7.1 0.0 0.0#

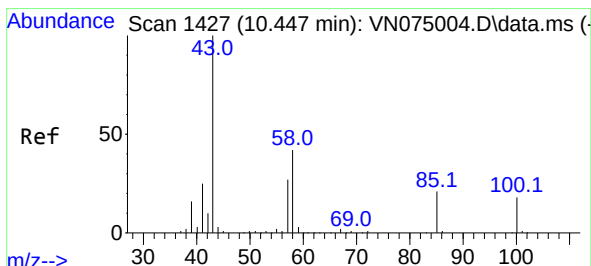
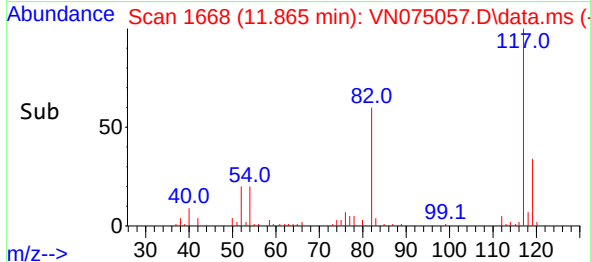
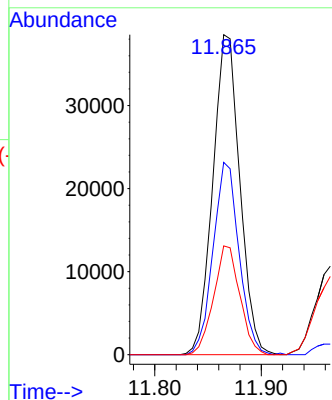
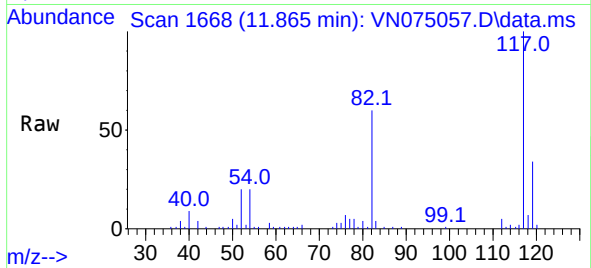




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

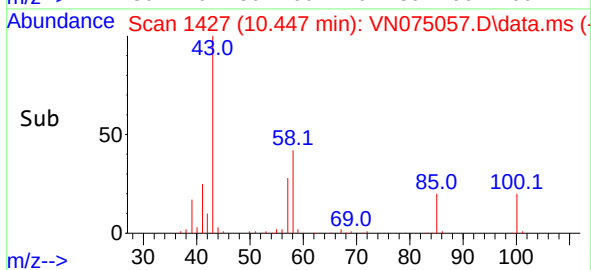
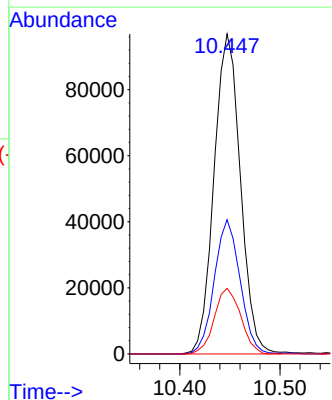
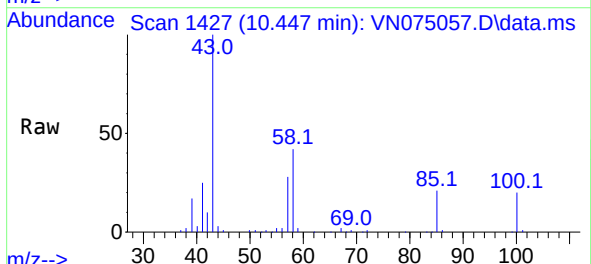
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

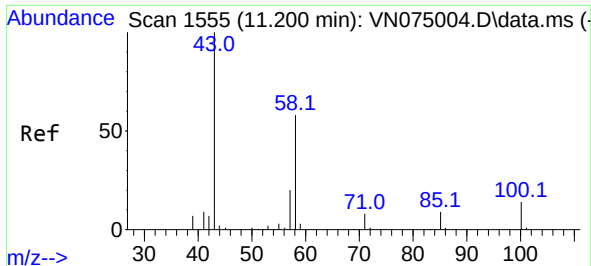
Tgt Ion:117 Resp: 67882
Ion Ratio Lower Upper
117 100
82 57.7 43.6 65.4
119 32.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 120.758 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 43 Resp: 176814
Ion Ratio Lower Upper
43 100
58 41.1 30.0 45.0
85 20.6 15.0 22.6

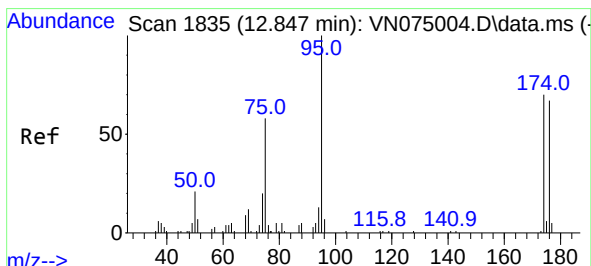
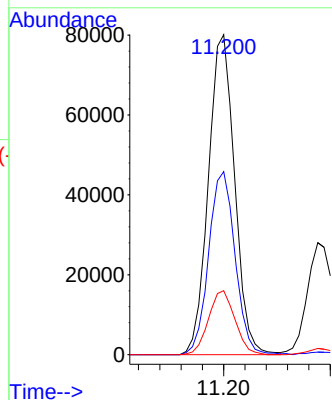
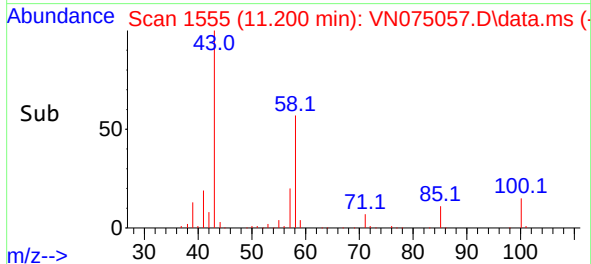
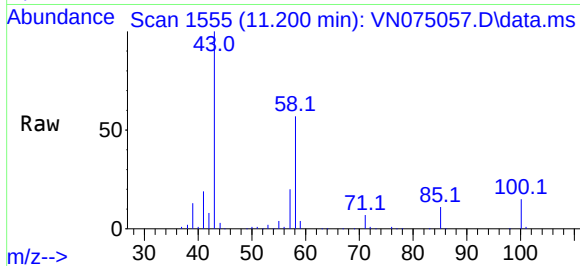




#59
2-Hexanone
Concen: 122.233 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

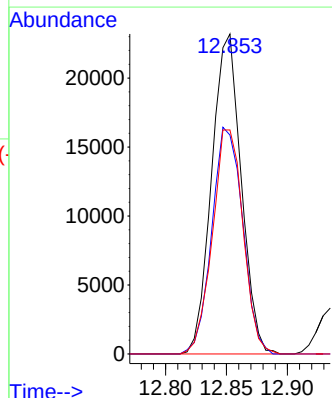
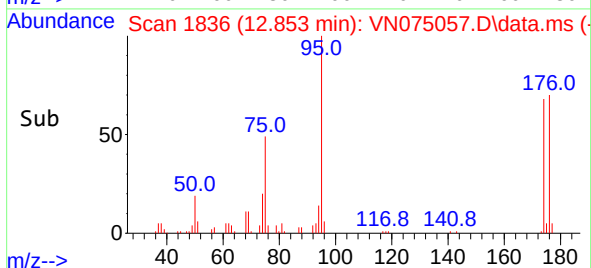
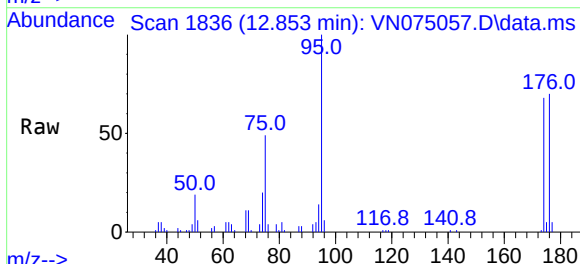
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

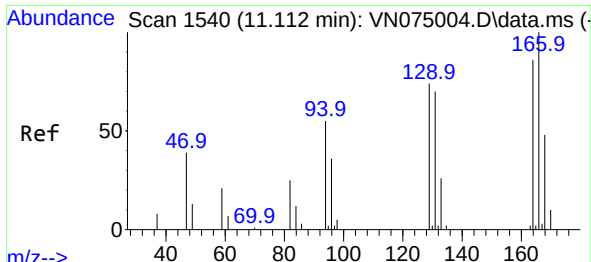
Tgt Ion: 43 Resp: 137295
Ion Ratio Lower Upper
43 100
58 57.5 42.2 63.2
57 20.1 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.285 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

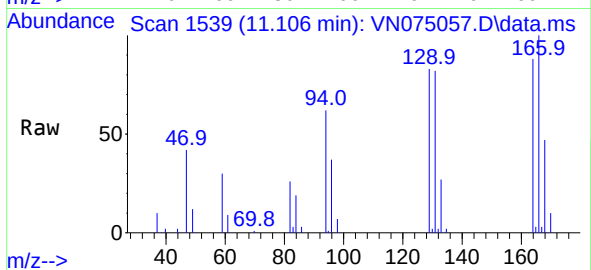
Tgt Ion: 95 Resp: 39060
Ion Ratio Lower Upper
95 100
174 74.0 62.9 94.3
176 72.8 61.0 91.4



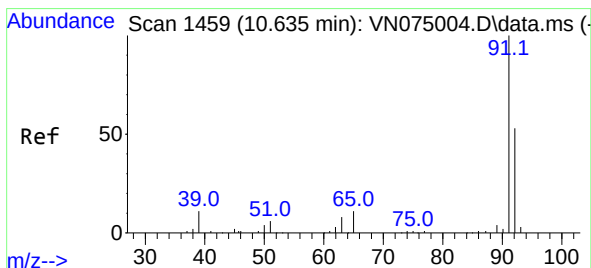
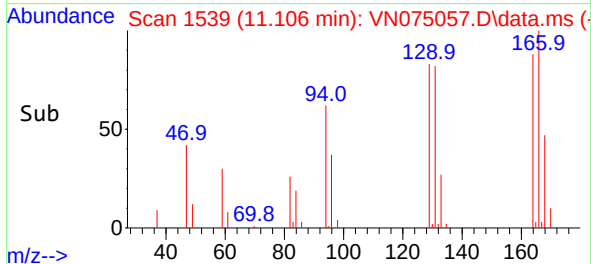
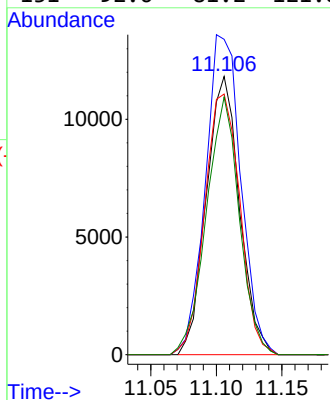


#61
Tetrachloroethene
Concen: 27.671 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

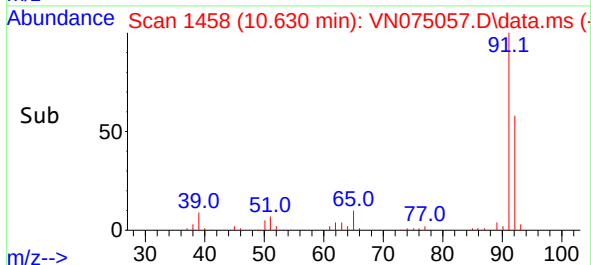
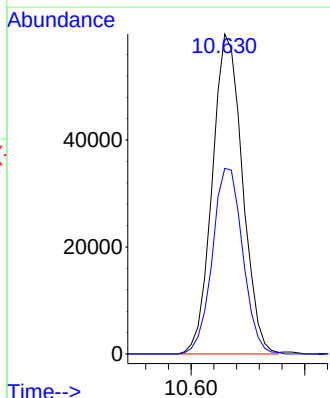
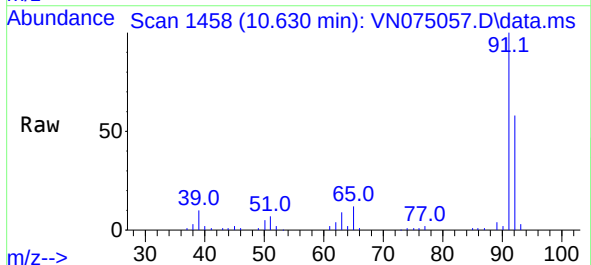


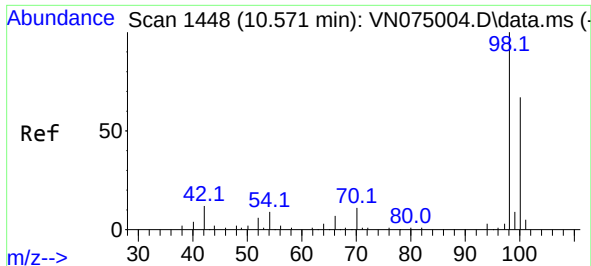
Tgt Ion:164 Resp: 20890
Ion Ratio Lower Upper
164 100
166 113.3 105.8 158.8
129 93.7 82.5 123.7
131 92.6 81.2 121.8



#62
Toluene
Concen: 25.114 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 91 Resp: 110376
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0

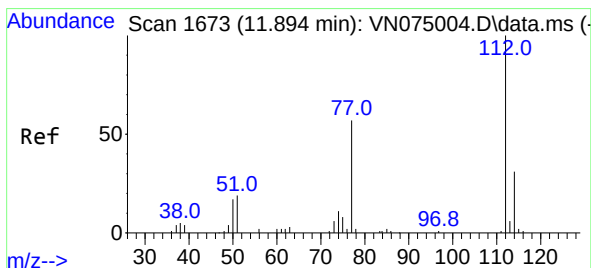
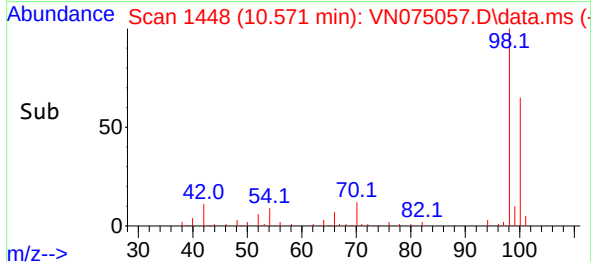
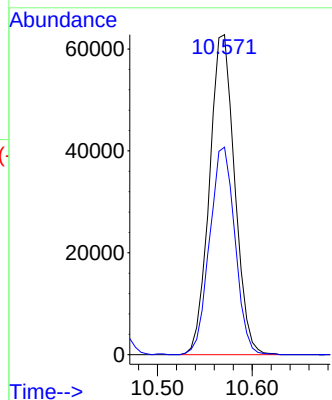
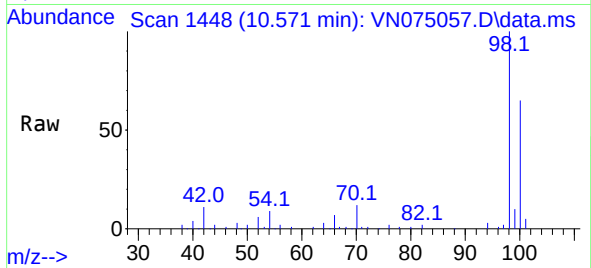




#63
Toluene-d8
Concen: 30.633 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

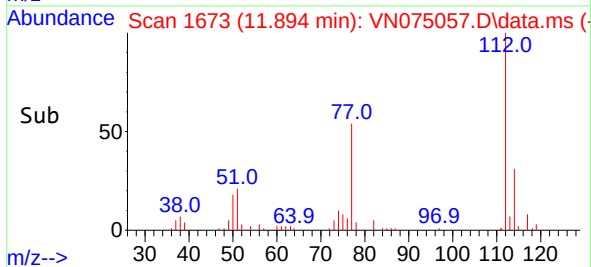
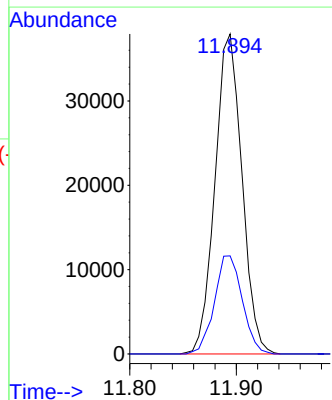
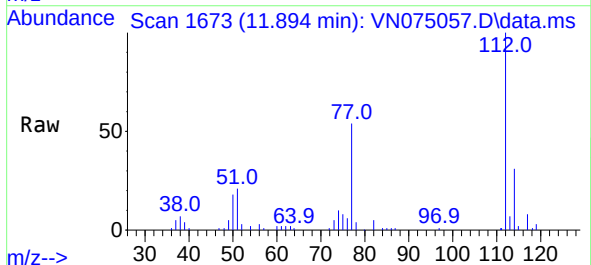
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

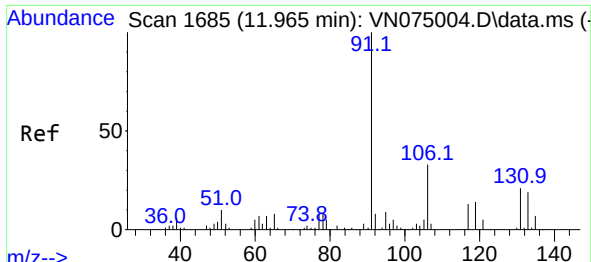
Tgt Ion: 98 Resp: 116302
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0



#64
Chlorobenzene
Concen: 24.460 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 112 Resp: 66618
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

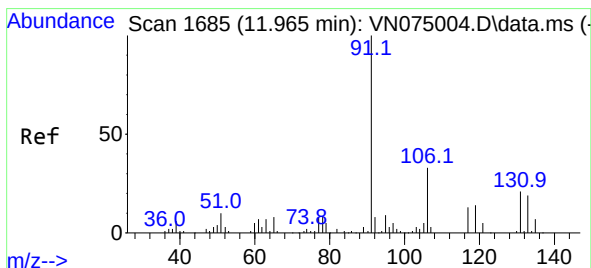
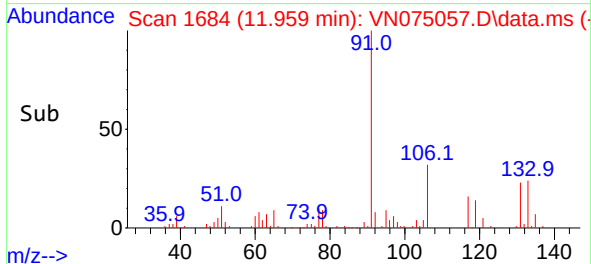
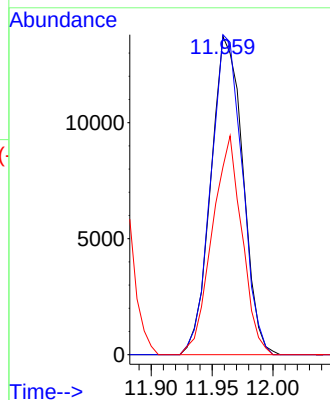
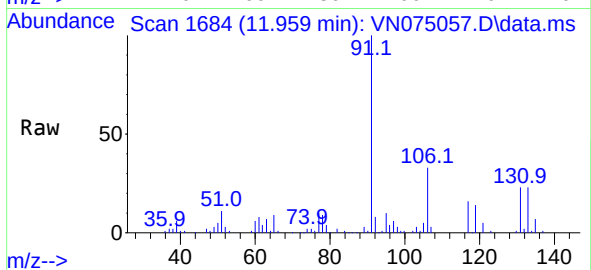




#65
1,1,1,2-Tetrachloroethane
Concen: 24.111 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

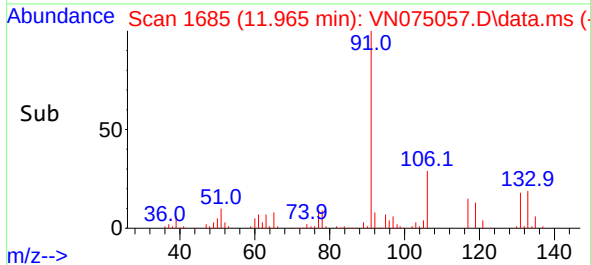
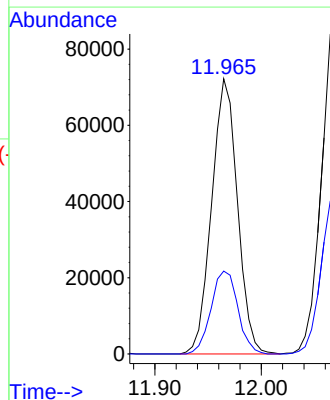
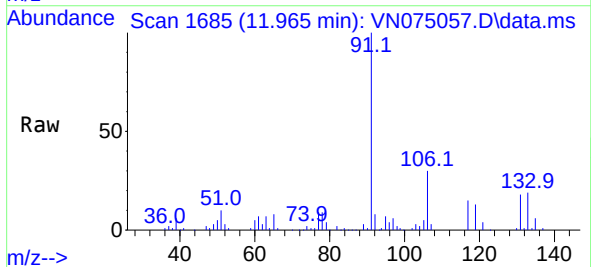
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

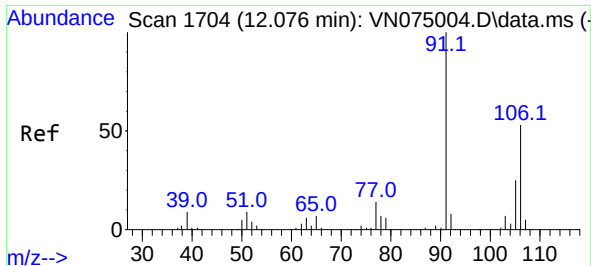
Tgt Ion:131 Resp: 25086
Ion Ratio Lower Upper
131 100
133 98.4 0.0 191.2
119 64.1 0.0 128.8



#66
Ethyl Benzene
Concen: 24.469 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 91 Resp: 121198
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





#67

m/p-Xylenes

Concen: 48.867 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

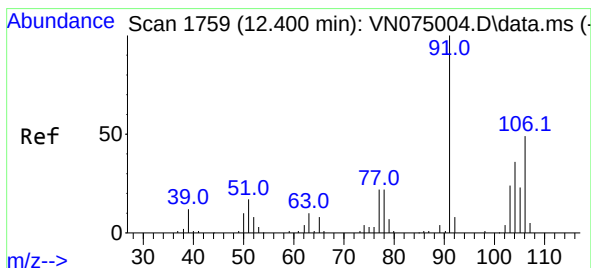
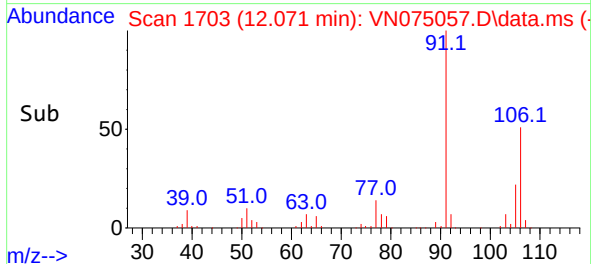
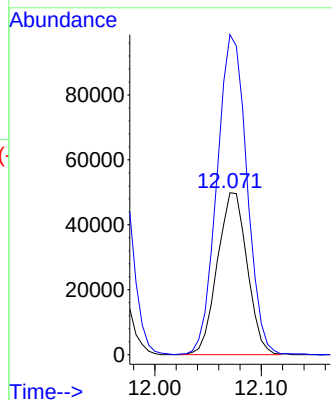
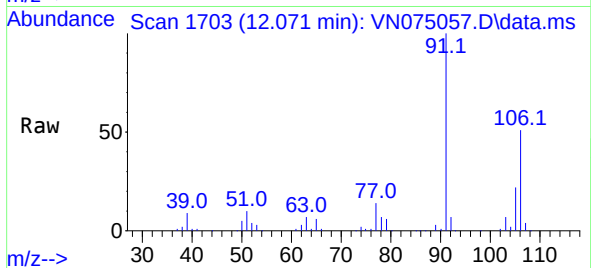
VN1028WBSD01

Tgt Ion:106 Resp: 97074

Ion Ratio Lower Upper

106 100

91 198.1 162.9 244.3



#68

o-Xylene

Concen: 23.999 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075057.D

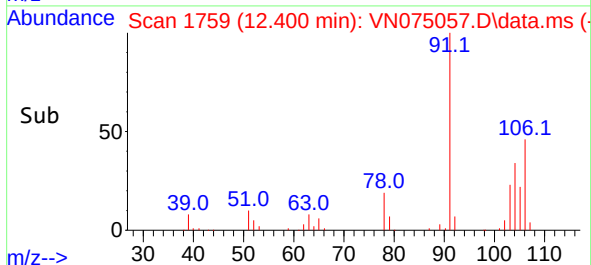
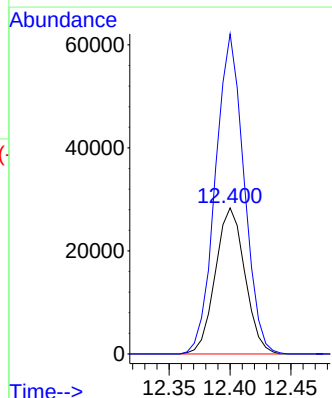
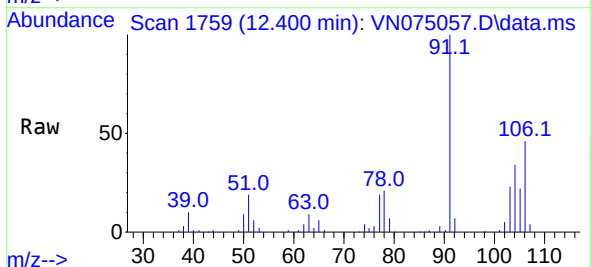
Acq: 28 Oct 2022 13:48

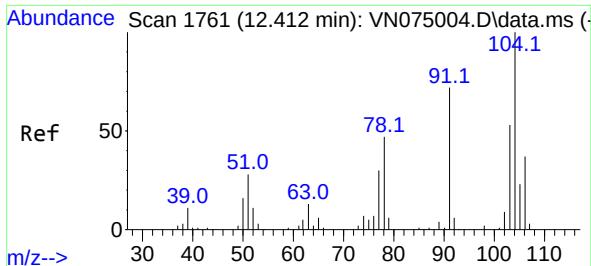
Tgt Ion:106 Resp: 47921

Ion Ratio Lower Upper

106 100

91 212.2 107.7 323.1

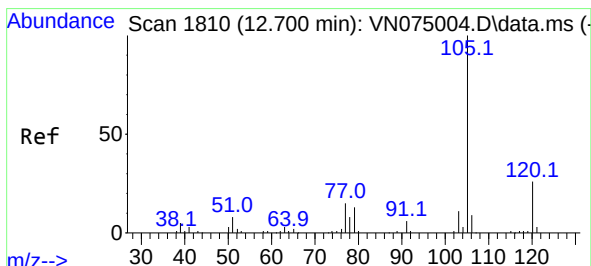
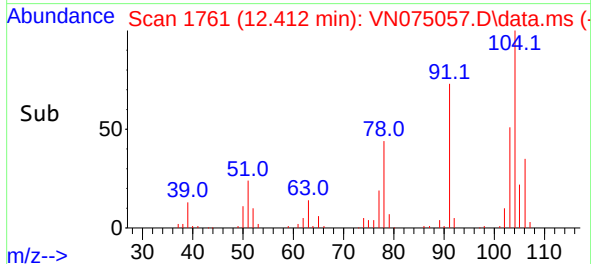
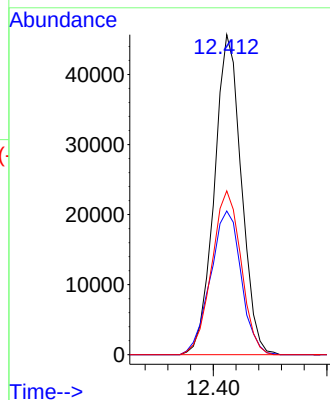
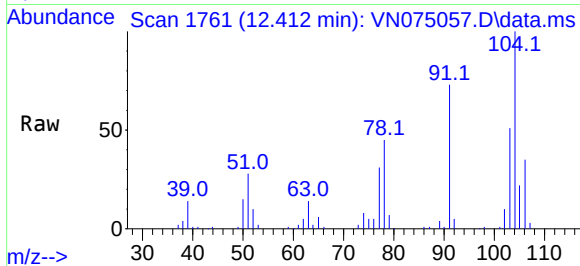




#69
Styrene
Concen: 23.121 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

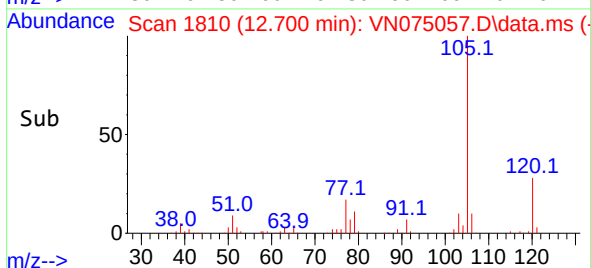
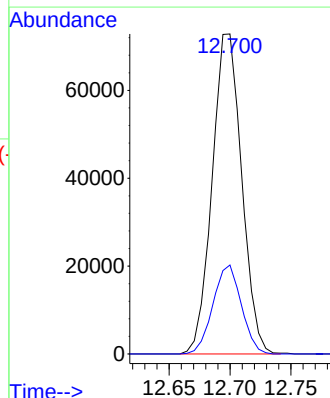
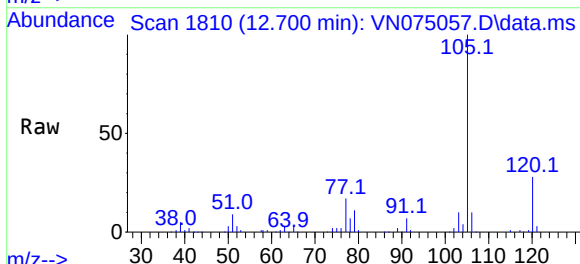
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

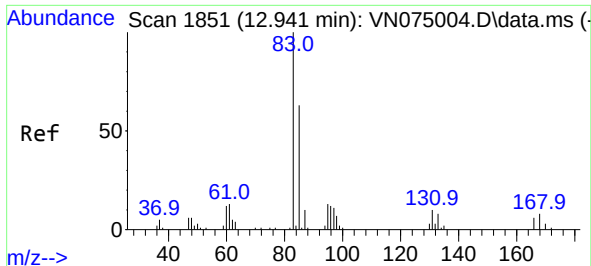
Tgt Ion:104 Resp: 75503
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 55.6 45.8 68.8



#70
Isopropylbenzene
Concen: 23.651 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:105 Resp: 123046
Ion Ratio Lower Upper
105 100
120 26.6 18.3 34.1

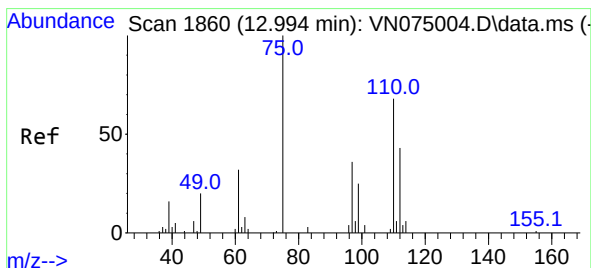
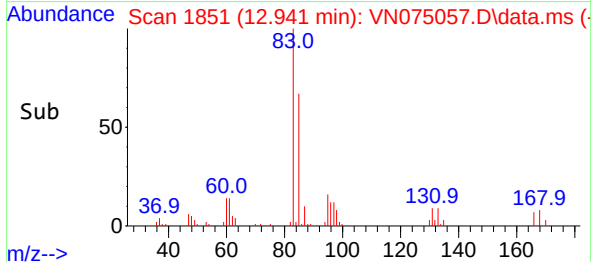
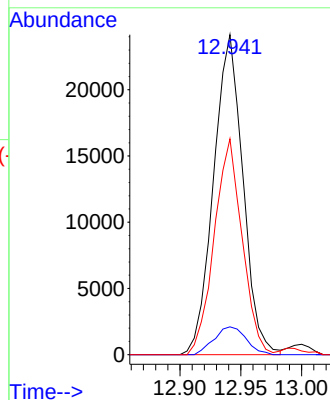
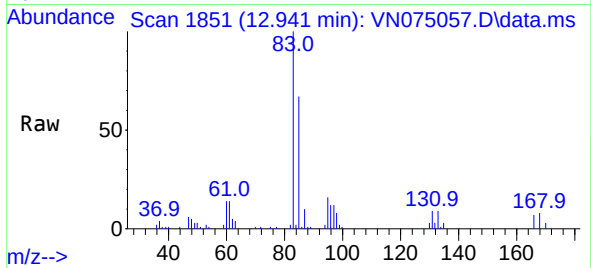




#71
1,1,2,2-Tetrachloroethane
Concen: 23.938 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

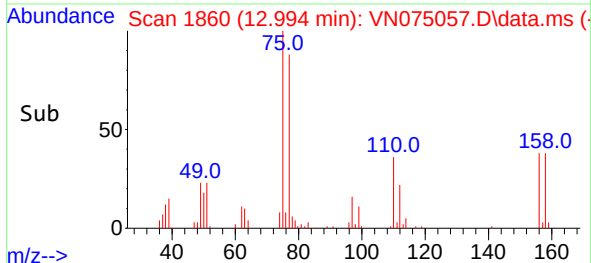
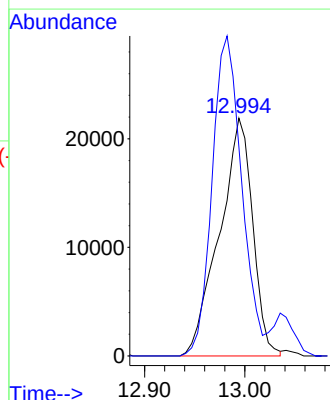
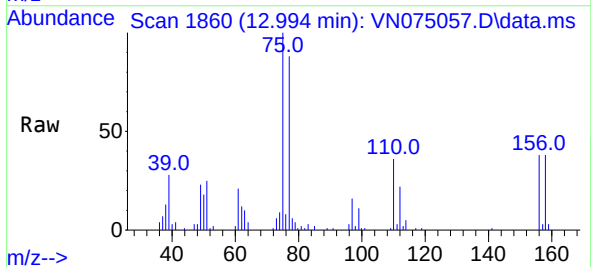
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

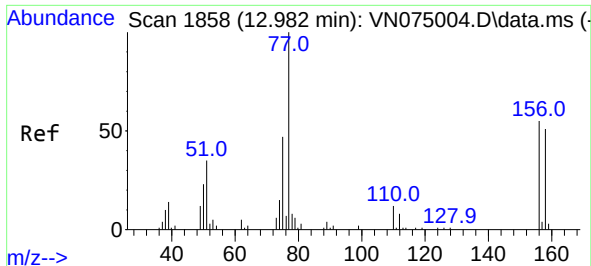
Tgt Ion: 83 Resp: 40569
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.1 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 32.813 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 75 Resp: 50497
Ion Ratio Lower Upper
75 100
77 119.1 0.0 378.0

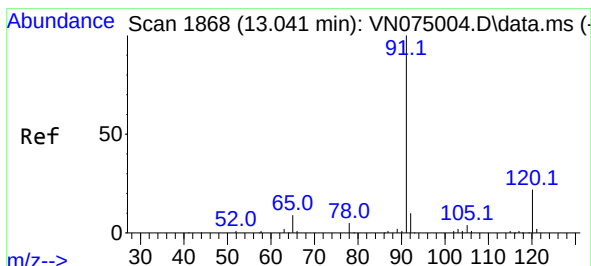
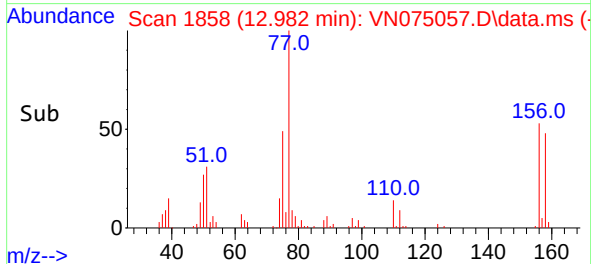
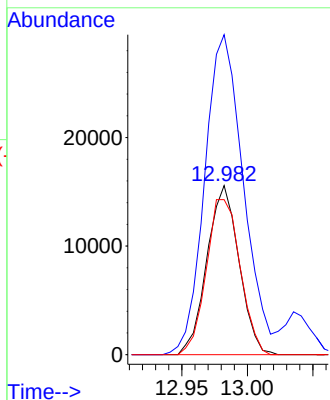
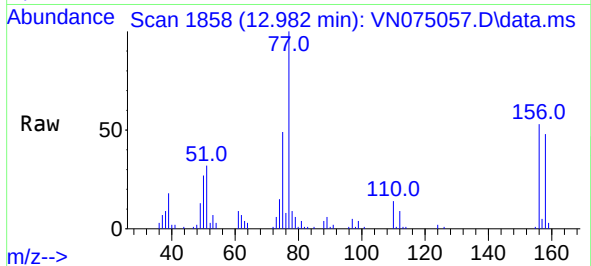




#73
Bromobenzene
Concen: 22.876 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

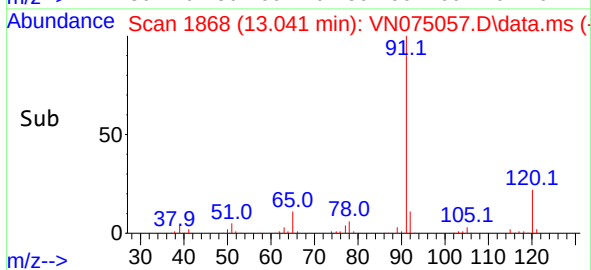
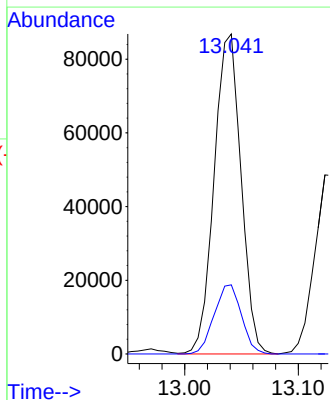
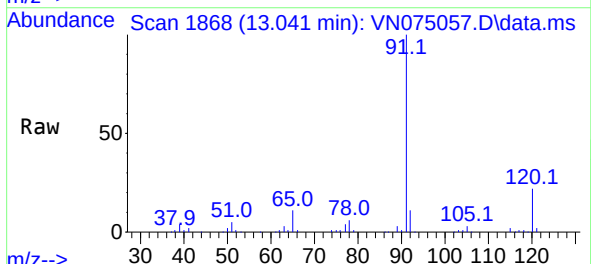
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

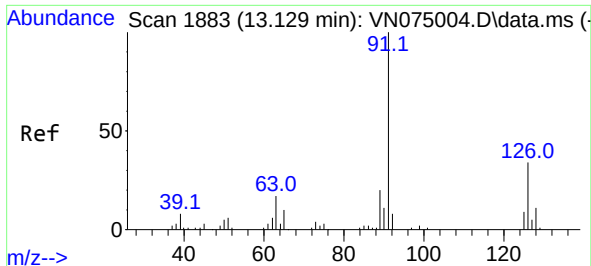
Tgt Ion:	156	Resp:	26491
Ion Ratio	Lower	Upper	
156	100		
77	227.0	0.0	416.0
158	97.1	0.0	195.4



#74
n-propylbenzene
Concen: 24.531 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:	91	Resp:	142919
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	45.0

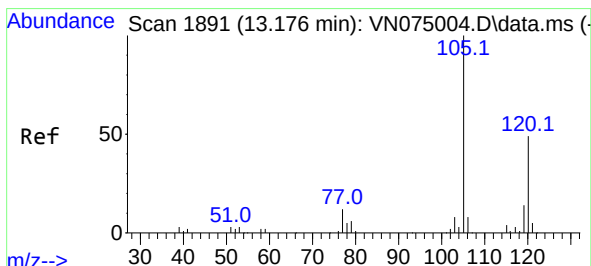
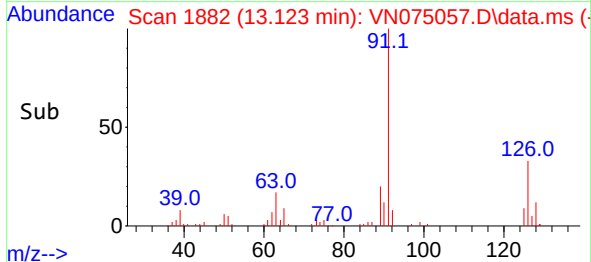
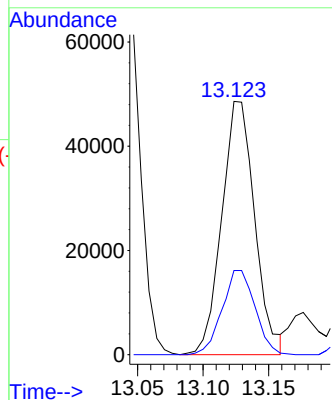
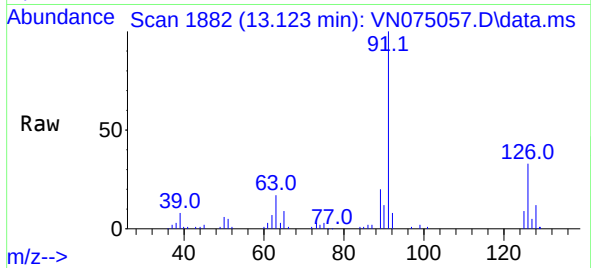




#75
2-Chlorotoluene
Concen: 23.986 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

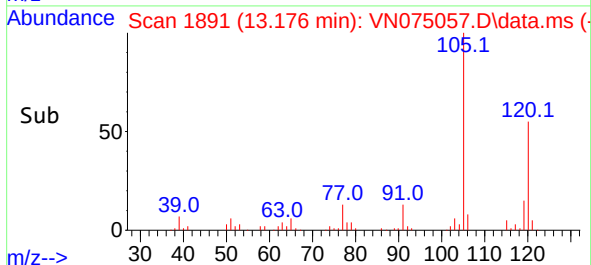
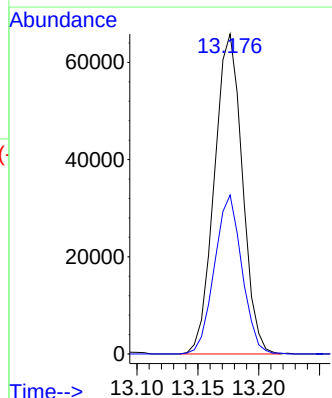
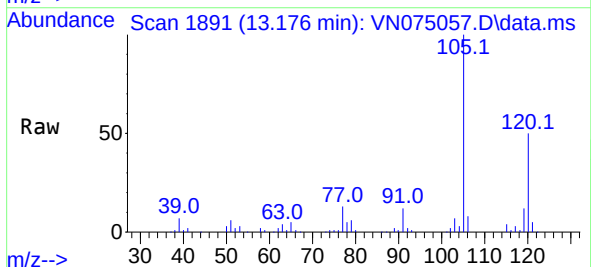
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

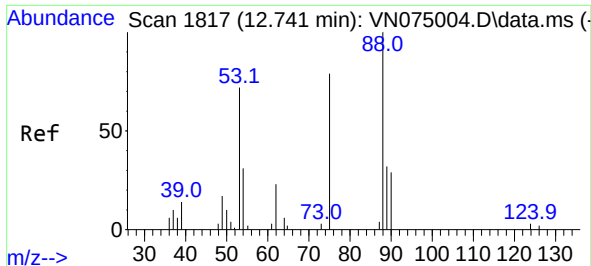
Tgt Ion: 91 Resp: 85043
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 23.869 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:105 Resp: 105196
Ion Ratio Lower Upper
105 100
120 48.8 0.0 93.8

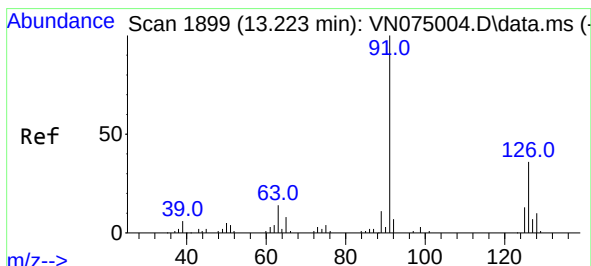
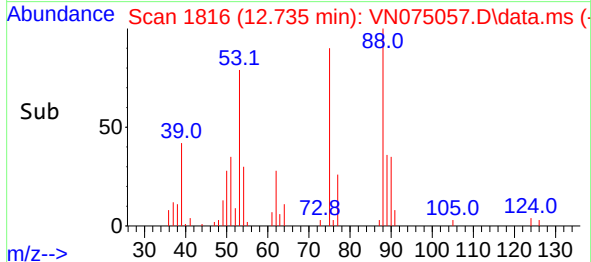
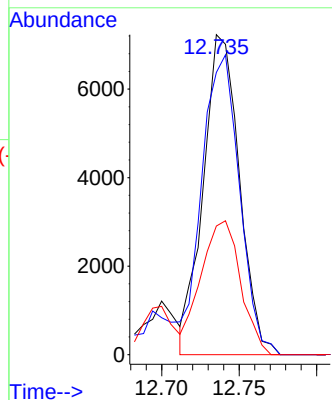
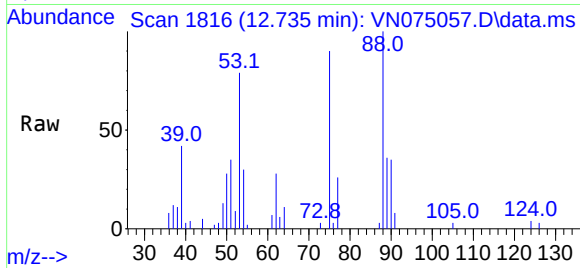




#77
t-1,4-Dichloro-2-butene
Concen: 21.844 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

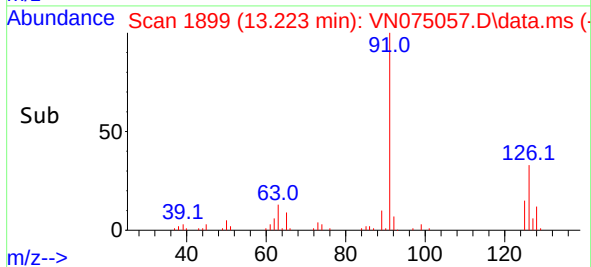
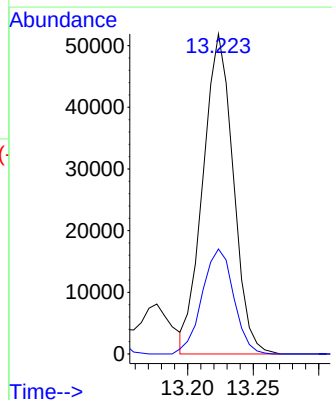
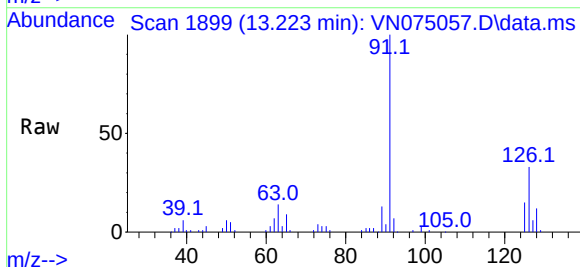
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

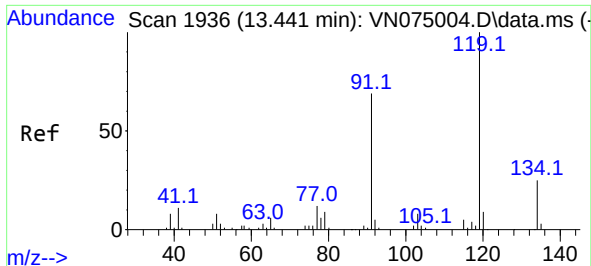
Tgt Ion: 75 Resp: 11742
Ion Ratio Lower Upper
75 100
53 88.2 51.8 155.5
89 40.2 22.9 68.7



#78
4-Chlorotoluene
Concen: 24.229 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion: 91 Resp: 83441
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





#79

tert-butylbenzene

Concen: 23.410 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

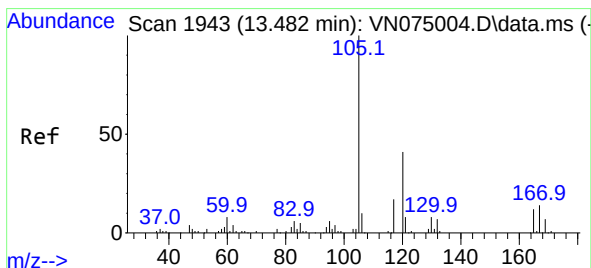
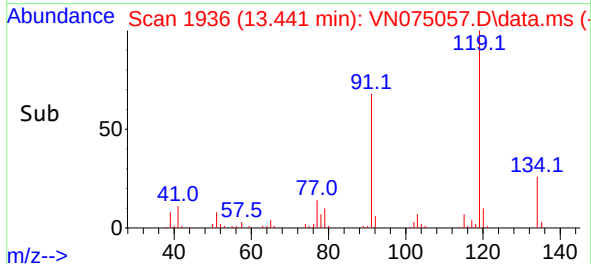
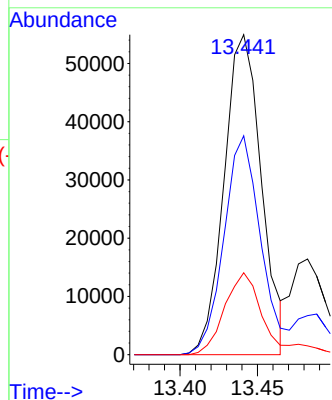
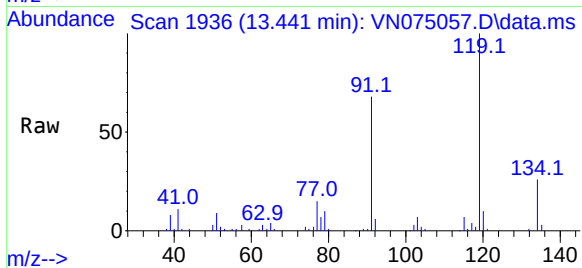
Tgt Ion:119 Resp: 92121

Ion Ratio Lower Upper

119 100

91 67.8 0.0 137.0

134 25.1 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 29.331 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.135 min

Lab File: VN075057.D

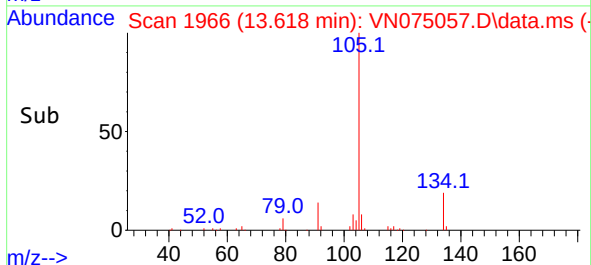
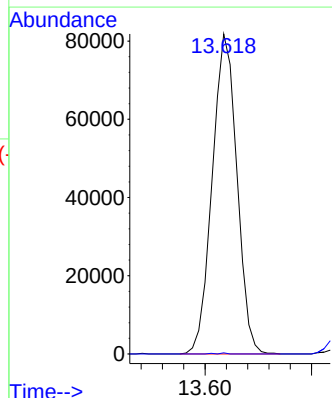
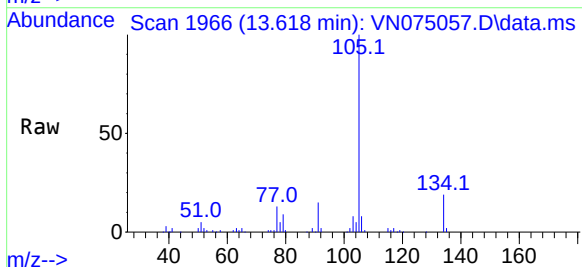
Acq: 28 Oct 2022 13:48

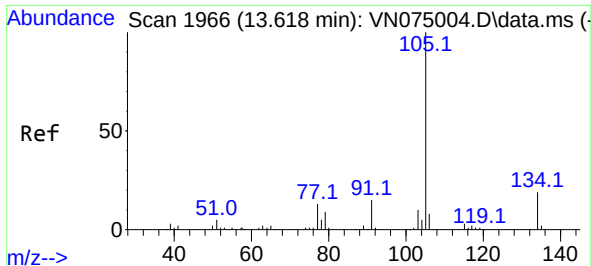
Tgt Ion:105 Resp: 131494

Ion Ratio Lower Upper

105 100

120 0.1 0.0 0.2

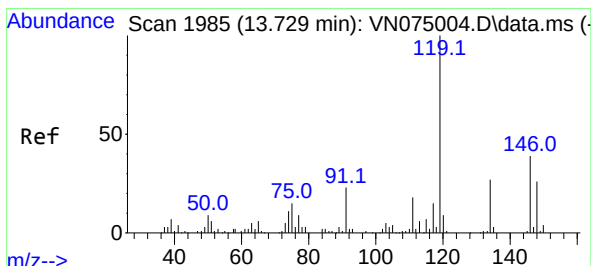
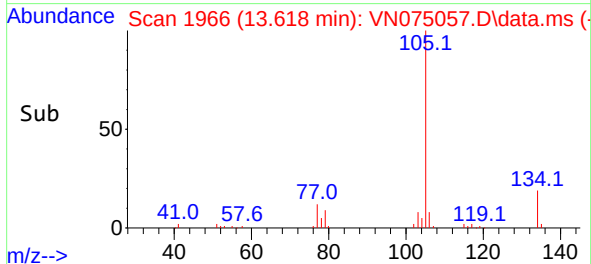
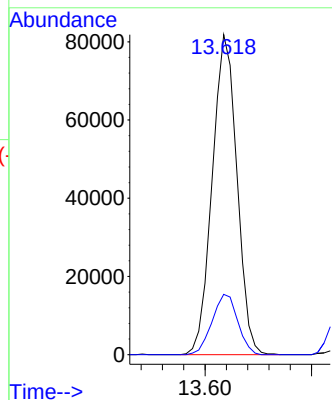
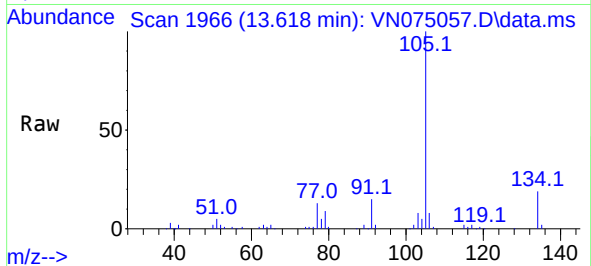




#81
 sec-Butylbenzene
 Concen: 23.769 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

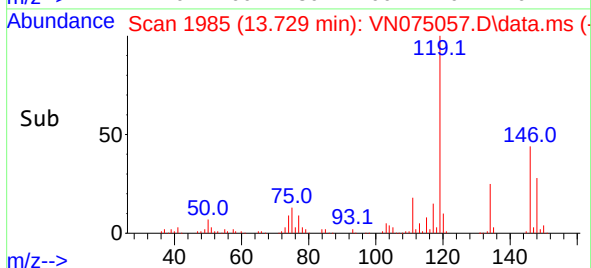
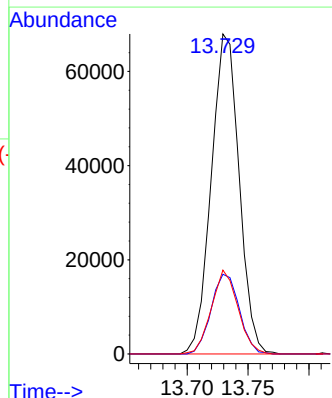
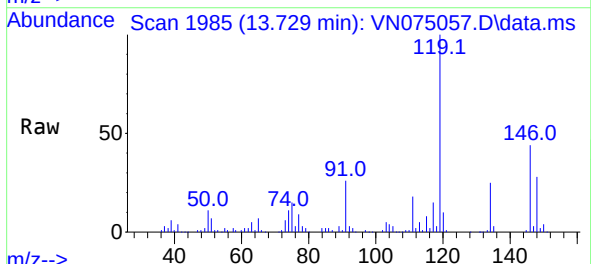
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

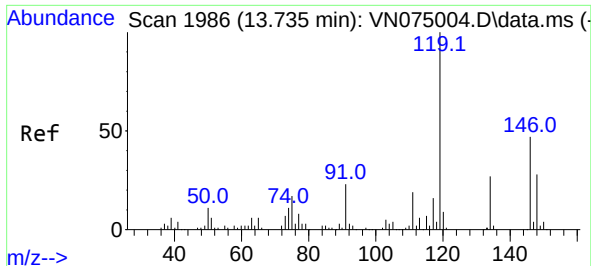
Tgt Ion:105 Resp: 131494
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 23.169 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

Tgt Ion:119 Resp: 108129
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 25.1 0.0 50.4

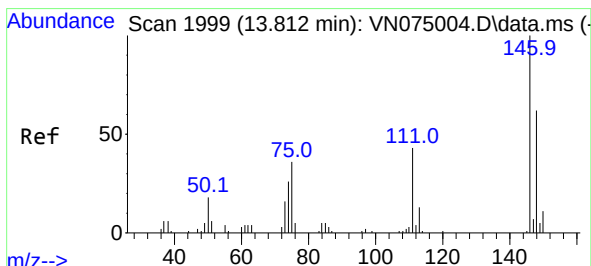
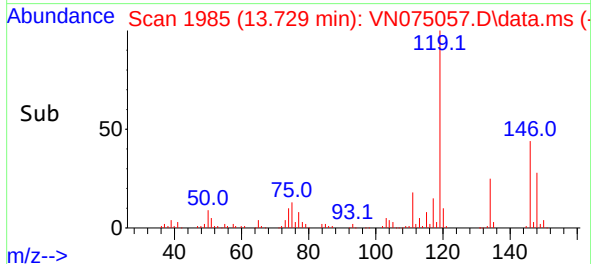
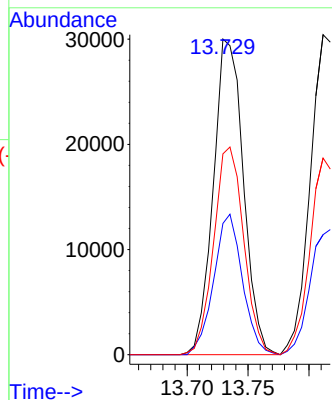
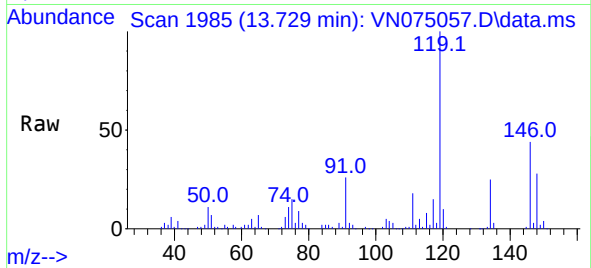




#83
1,3-Dichlorobenzene
Concen: 22.483 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

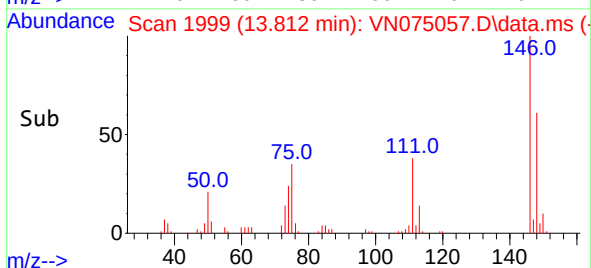
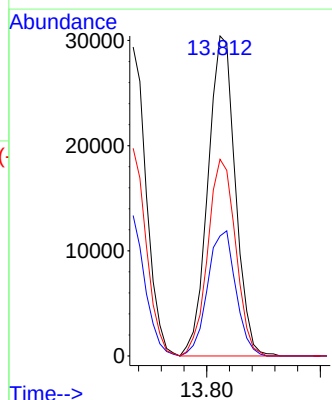
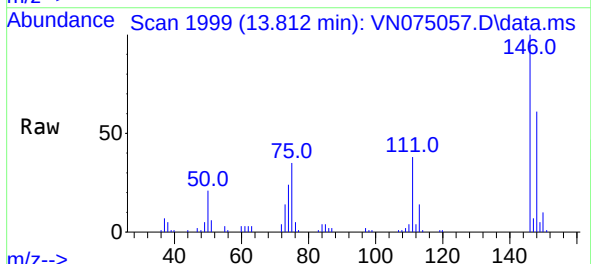
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

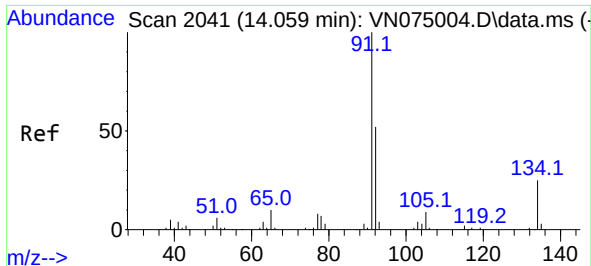
Tgt Ion:146 Resp: 51488
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.2
148 65.9 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 23.058 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:146 Resp: 50943
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 62.7 31.1 93.5

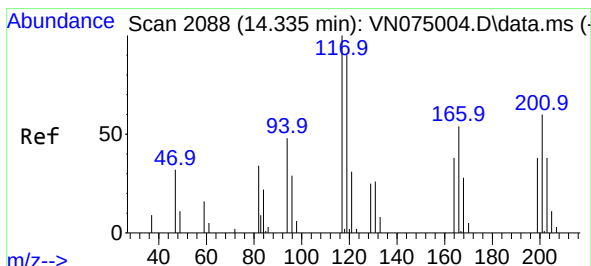
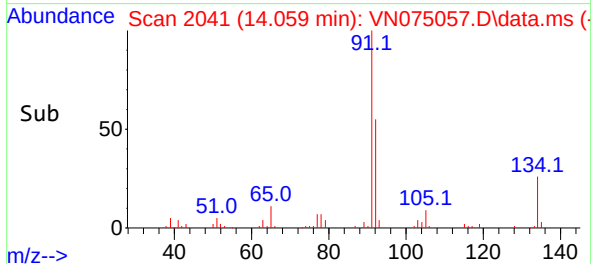
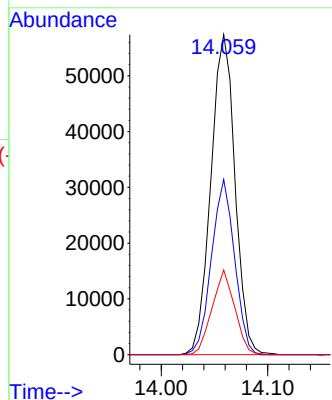
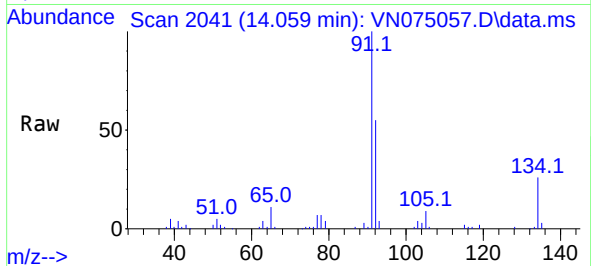




#85
n-Butylbenzene
Concen: 24.142 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

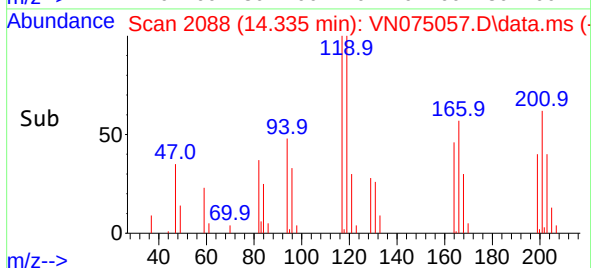
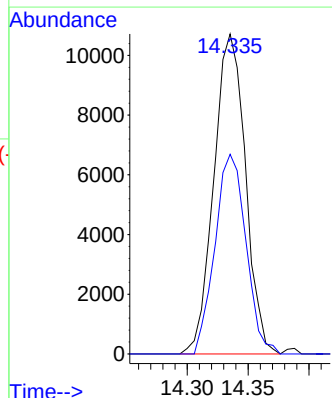
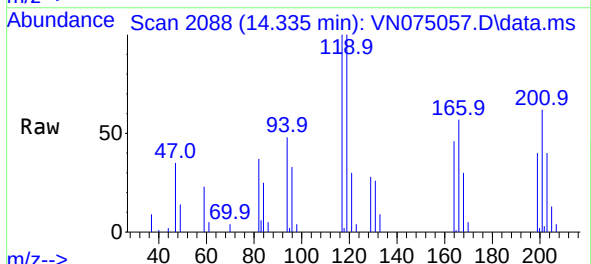
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

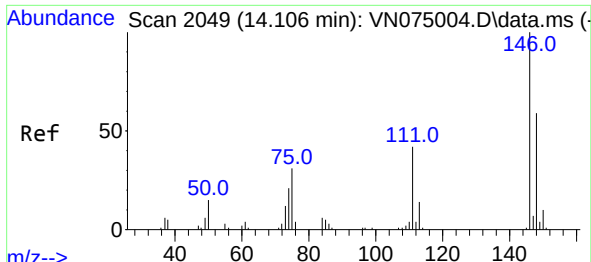
Tgt Ion:	91	Resp:	90369
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	100.6
134	24.8	0.0	50.2



#86
Hexachloroethane
Concen: 22.374 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:	117	Resp:	19350
Ion	Ratio	Lower	Upper
117	100		
201	61.2	33.3	99.8





#87

1,2-Dichlorobenzene

Concen: 23.199 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075057.D

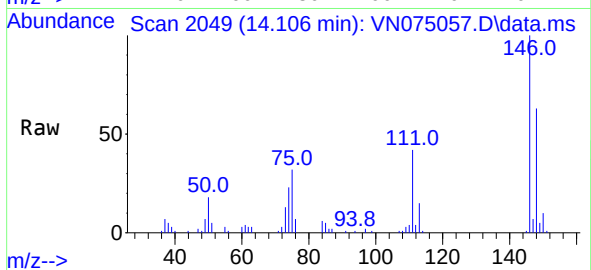
Acq: 28 Oct 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01



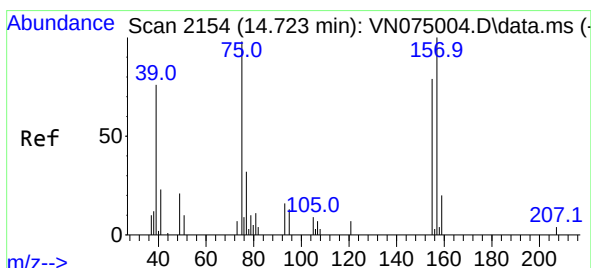
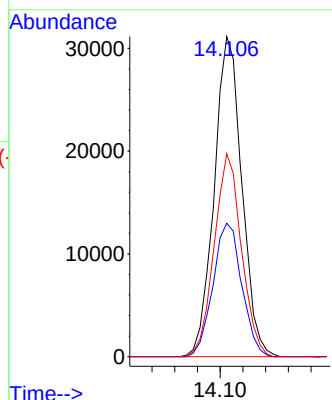
Tgt Ion:146 Resp: 52550

Ion Ratio Lower Upper

146 100

111 43.4 21.4 64.2

148 62.4 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.281 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075057.D

Acq: 28 Oct 2022 13:48

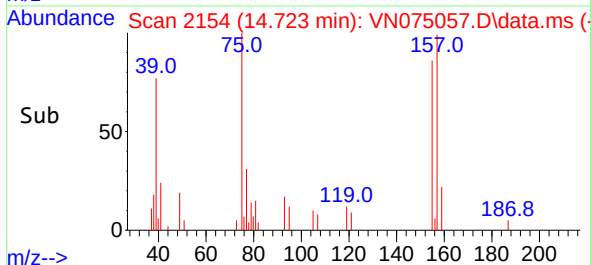
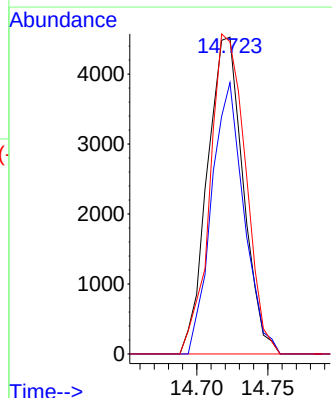
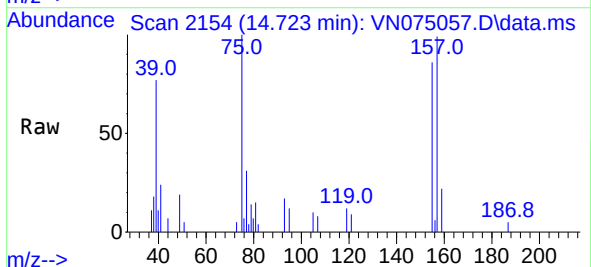
Tgt Ion: 75 Resp: 7937

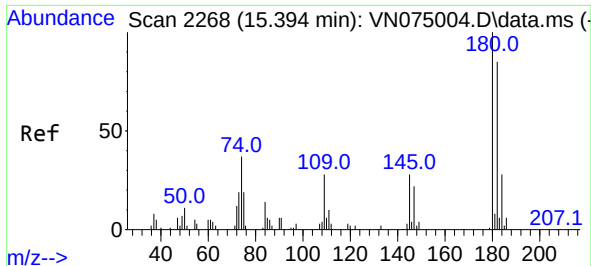
Ion Ratio Lower Upper

75 100

155 77.8 63.8 95.8

157 100.4 77.9 116.9

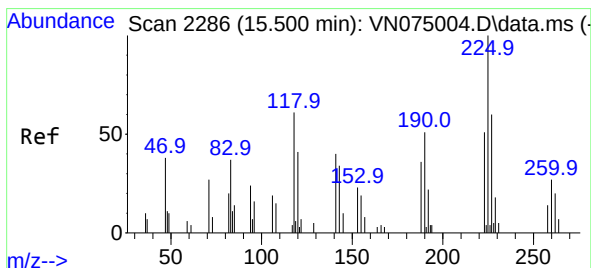
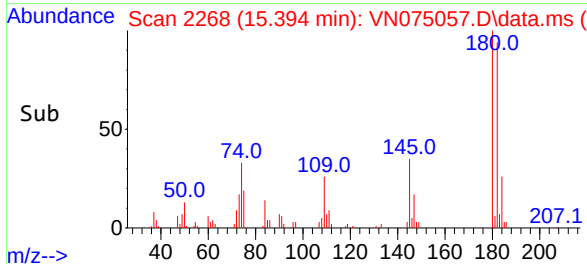
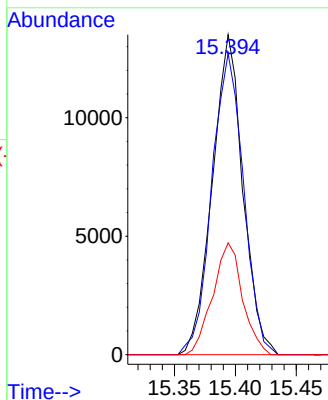
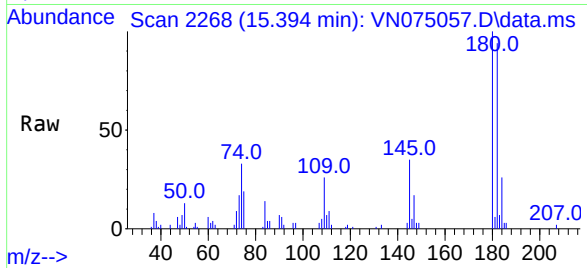




#89
 1,2,4-Trichlorobenzene
 Concen: 23.523 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

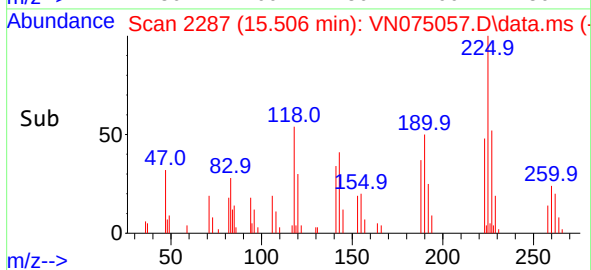
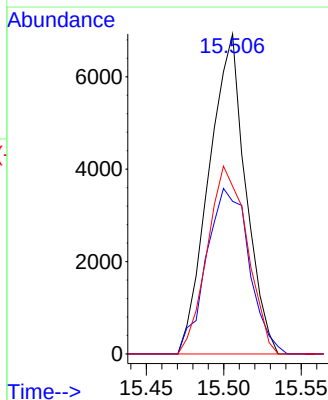
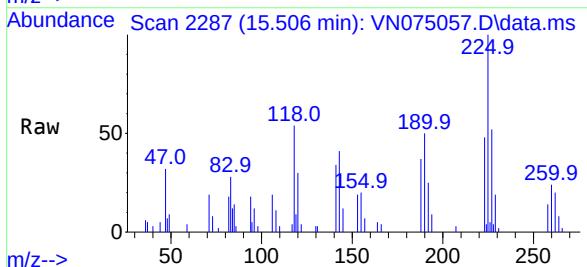
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

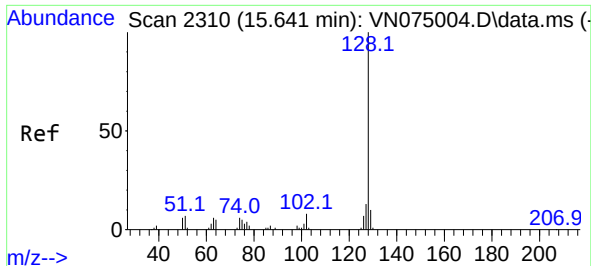
Tgt Ion:180 Resp: 23535
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.7 116.5
 145 34.1 26.6 39.8



#90
 Hexachlorobutadiene
 Concen: 24.781 ug/l
 RT: 15.506 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: VN075057.D
 Acq: 28 Oct 2022 13:48

Tgt Ion:225 Resp: 11403
 Ion Ratio Lower Upper
 225 100
 223 60.1 0.0 126.8
 227 63.7 0.0 123.0

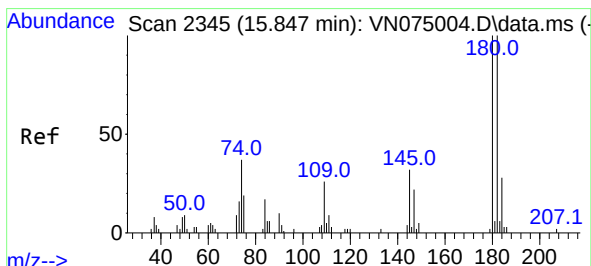
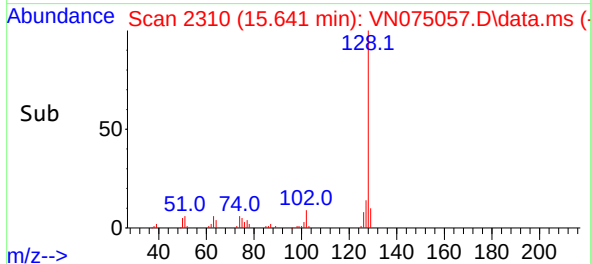
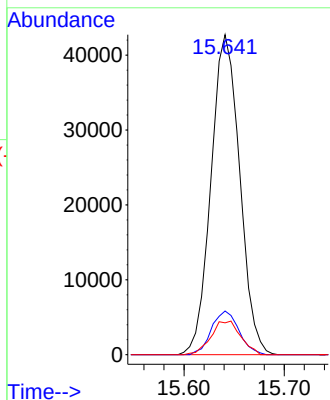
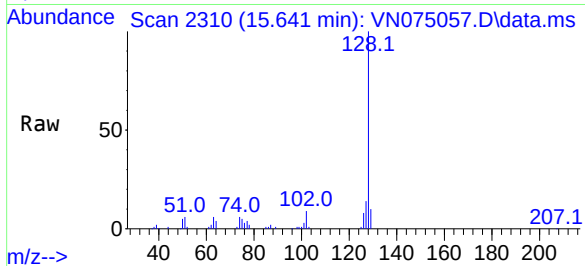




#91
Naphthalene
Concen: 21.457 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:	128	Resp:	85085
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.9	9.0	13.6



#92
1,2,3-Trichlorobenzene
Concen: 23.445 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075057.D
Acq: 28 Oct 2022 13:48

Tgt Ion:	180	Resp:	23745
Ion	Ratio	Lower	Upper
180	100		
182	90.8	0.0	190.0
145	34.6	0.0	67.8

