

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079987.D
 Acq On : 08 Nov 2023 12:45
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 03:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	82949	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	449663	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	434611	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	202555	29.090	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.967%
60) 4-Bromofluorobenzene	12.853	95	217713	31.325	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.433%
63) Toluene-d8	10.570	98	602416	29.254	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	518380	95.846	ug/l	97
3) Chloromethane	2.365	50	637089	93.506	ug/l	99
4) Vinyl Chloride	2.512	62	532779	93.574	ug/l	96
5) Bromomethane	2.942	94	280675	90.036	ug/l	98
6) Chloroethane	3.112	64	312260	94.126	ug/l	91
7) Trichlorofluoromethane	3.494	101	857552	100.359	ug/l	95
8) Diethyl Ether	3.959	74	311484	101.544	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	471648	97.699	ug/l	98
10) 1,1-Dichloroethene	4.341	96	450371	105.455	ug/l	96
11) Methyl Iodide	4.589	142	585786	103.701	ug/l	97
12) Methyl Acetate	5.018	43	1057056	95.467	ug/l	98
13) Acrolein	4.177	56	488941	522.663	ug/l	97
14) Acrylonitrile	5.718	53	1303600	495.690	ug/l	99
15) Acetone	4.424	58	481711	542.471	ug/l	77
16) Carbon Disulfide	4.712	76	1384641	94.948	ug/l	99
17) Allyl chloride	5.024	41	761643	102.062	ug/l	95
18) Methylene Chloride	5.277	84	537965	93.932	ug/l	98
19) trans-1,2-Dichloroethene	5.788	96	517590	97.776	ug/l	97
20) Diisopropyl ether	6.671	45	1785773	102.399	ug/l	98
21) 1,1-Dichloroethane	6.571	63	1032257	99.164	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	612608	99.724	ug/l	98
23) tert-Butyl Alcohol	5.518	59	344472	516.217	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	1599212	101.700	ug/l	98
25) Chloroform	7.965	83	1031536	95.998	ug/l	94
26) Cyclohexane	8.259	56	874791	106.823	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	809108	104.842	ug/l	99
30) 2-Butanone	7.482	43	2016423	547.104	ug/l	100
31) 2,2-Dichloropropane	7.494	77	877834	105.242	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	898738	102.011	ug/l	99
33) Carbon Tetrachloride	8.365	117	789609	101.967	ug/l	97
34) Benzene	8.606	78	2335273	101.864	ug/l	96
35) Methacrylonitrile	7.782	41	404465	104.672	ug/l	98
36) 1,2-Dichloroethane	8.671	62	819802	98.809	ug/l	100
37) Trichloroethene	9.353	130	563042	102.125	ug/l	95
38) Methylcyclohexane	9.606	83	813036	112.200	ug/l	99
39) 1,2-Dichloropropane	9.623	63	611745	100.816	ug/l	99
40) Dibromomethane	9.712	93	391950	99.930	ug/l	98
41) Bromodichloromethane	9.888	83	826826	101.782	ug/l	98
42) Vinyl Acetate	6.606	43	5008751	547.123	ug/l	99

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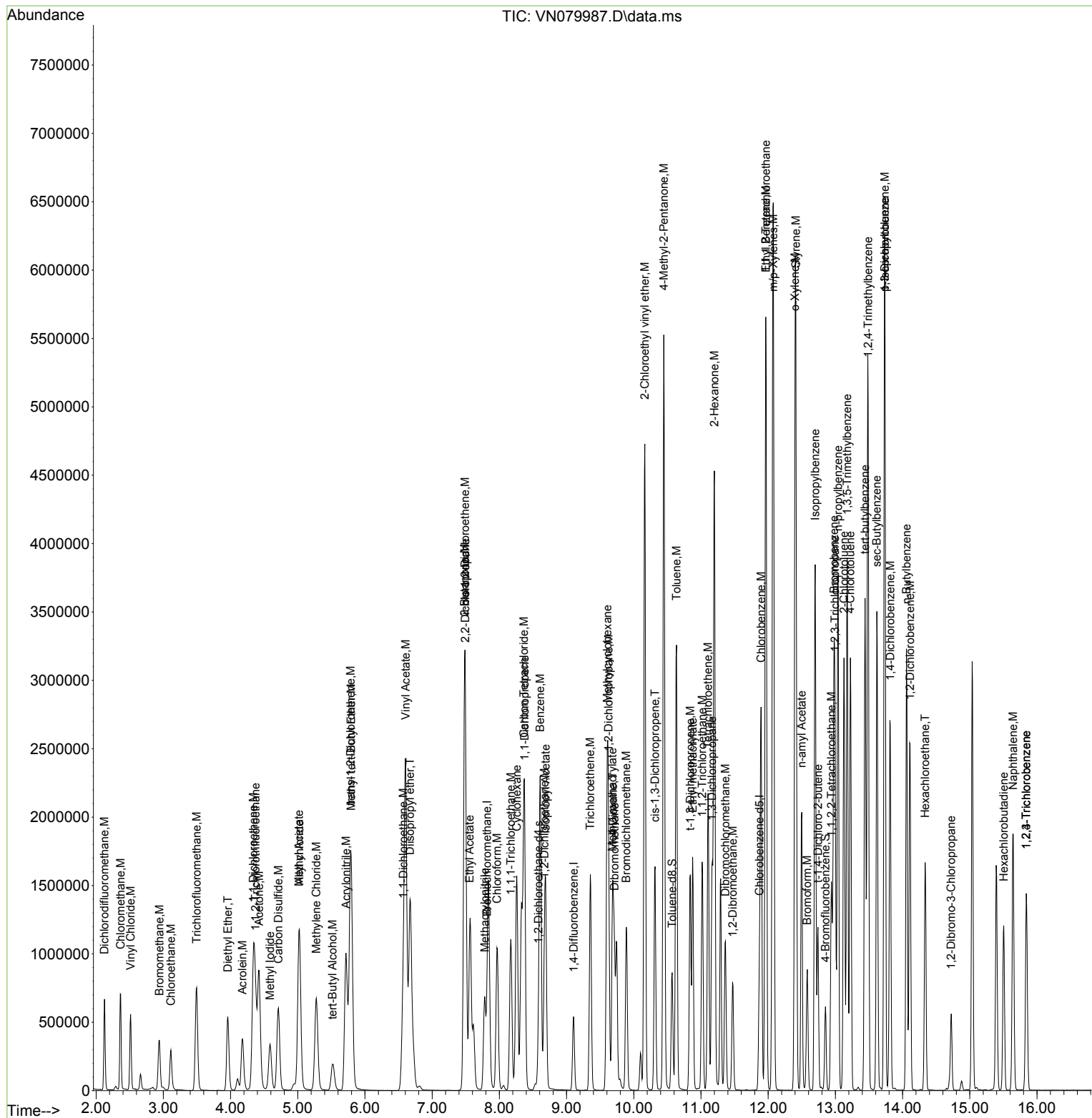
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	720304	104.036	ug/l	100
44) Isopropyl Acetate	8.688	43	1195904	106.006	ug/l	96
45) 1,4-Dioxane	9.694	88	182068	2094.171	ug/l	94
46) Methyl methacrylate	9.682	41	595134	109.741	ug/l	93
47) n-amyl Acetate	12.500	43	1058742	116.835	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	912942	110.042	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	984137	107.305	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	541504	101.209	ug/l	96
51) Ethyl methacrylate	10.876	69	872359	113.438	ug/l	94
52) 1,3-Dichloropropane	11.165	76	984839	102.958	ug/l	99
53) Dibromochloromethane	11.365	129	596528	104.220	ug/l	100
54) 1,2-Dibromoethane	11.470	107	552172	102.777	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	2138348	604.568	ug/l	99
56) Bromoform	12.582	173	404777	107.920	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	3670234	505.482	ug/l	97
59) 2-Hexanone	11.200	43	2933169	530.303	ug/l	95
61) Tetrachloroethene	11.106	164	487628	95.700	ug/l	96
62) Toluene	10.635	91	2482786	98.772	ug/l	99
64) Chlorobenzene	11.894	112	1489868	99.320	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	552357	100.381	ug/l	96
66) Ethyl Benzene	11.965	91	2832545	107.235	ug/l	100
67) m/p-Xylenes	12.076	106	2096672	213.207	ug/l	94
68) o-Xylene	12.400	106	1010266	107.179	ug/l	98
69) Styrene	12.412	104	1728113	110.751	ug/l	99
70) Isopropylbenzene	12.700	105	2564440	109.070	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	776588	96.974	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	1043196	101.694	ug/l	74
73) Bromobenzene	12.982	156	591033	102.250	ug/l	95
74) n-propylbenzene	13.041	91	3111847	110.635	ug/l	99
75) 2-Chlorotoluene	13.129	91	1877699	105.027	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	2146757	110.390	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	276554	113.509	ug/l	91
78) 4-Chlorotoluene	13.223	91	1924530	108.386	ug/l	98
79) tert-butylbenzene	13.441	119	1711656	112.388	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	2168342	113.710	ug/l	99
81) sec-Butylbenzene	13.617	105	2405860	111.910	ug/l	99
82) p-Isopropyltoluene	13.735	119	2047216	117.256	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	1111067	105.488	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	1094761	105.896	ug/l	98
85) n-Butylbenzene	14.059	91	1778233	121.776	ug/l	96
86) Hexachloroethane	14.335	117	363815	107.160	ug/l	97
87) 1,2-Dichlorobenzene	14.111	146	1050320	104.379	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	149329	101.968	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	497281	106.674	ug/l	97
90) Hexachlorobutadiene	15.505	225	229963	100.095	ug/l	99
91) Naphthalene	15.647	128	1695006	113.302	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	497281	106.674	ug/l	97

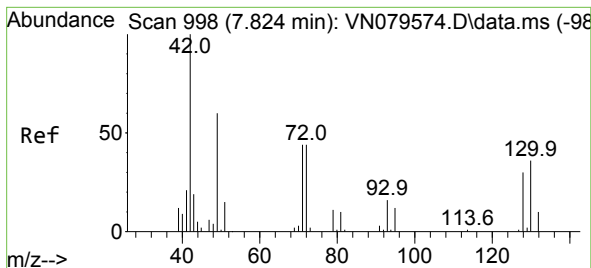
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

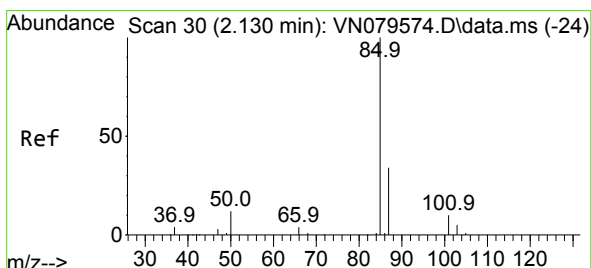
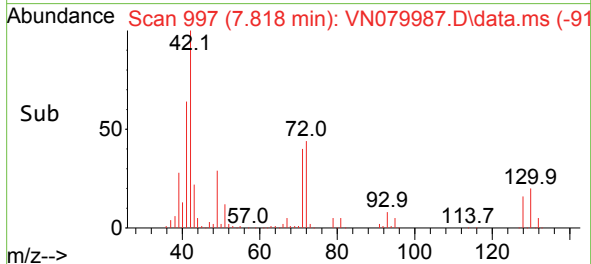
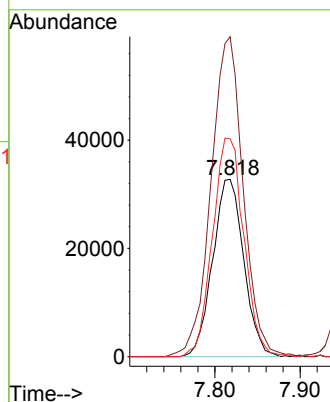
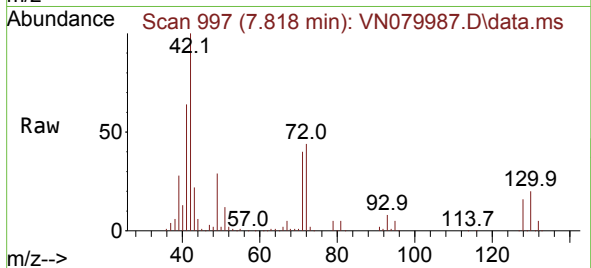
Tgt Ion:128 Resp: 82949

Ion Ratio Lower Upper

128 100

49 187.3 0.0 468.5

130 124.7 0.0 320.7



#2

Dichlorodifluoromethane

Concen: 95.846 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.006 min

Lab File: VN079987.D

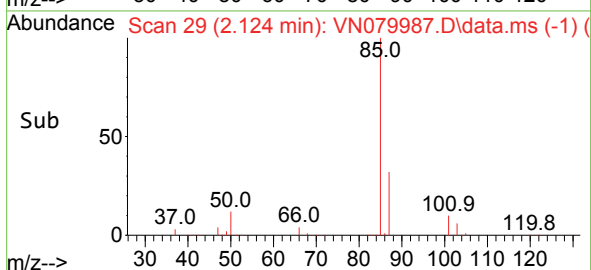
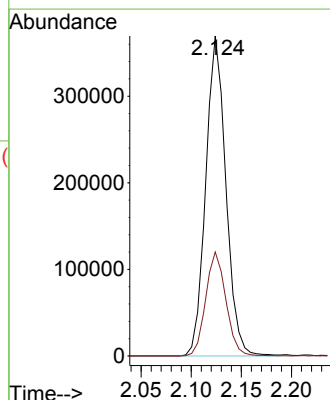
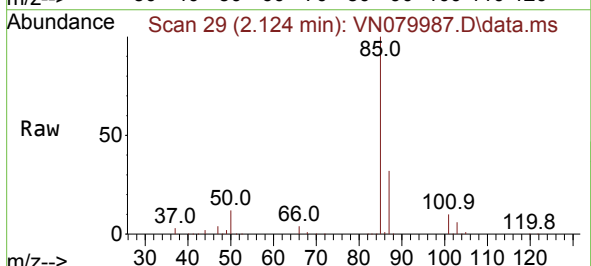
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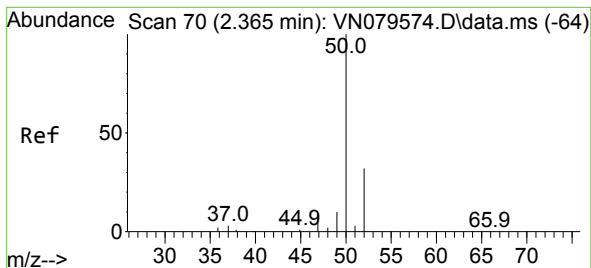
Tgt Ion: 85 Resp: 518380

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.7





#3

Chloromethane

Concen: 93.506 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

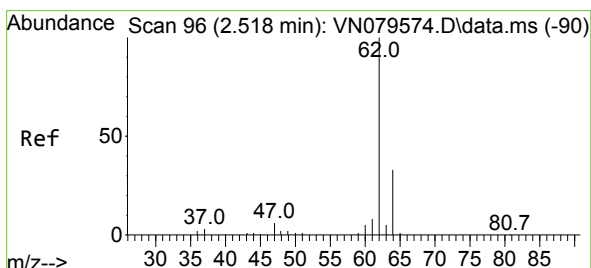
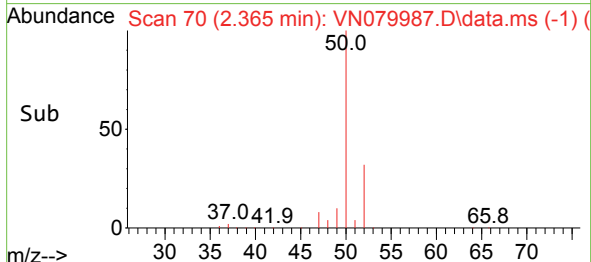
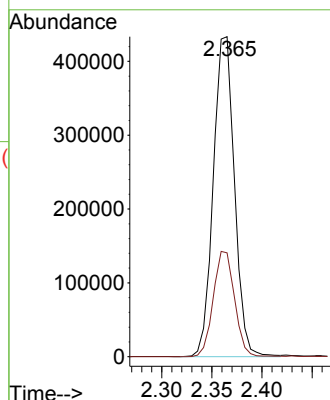
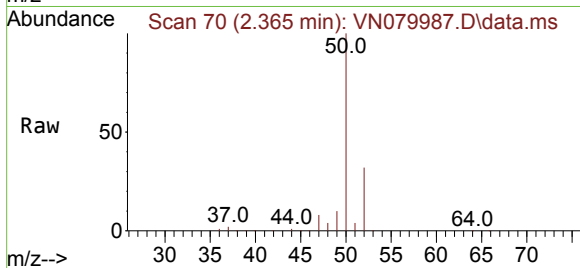
ClientSampleId :

Tgt Ion: 50 Resp: 637089

Ion Ratio Lower Upper

50 100

52 32.5 25.6 38.4



#4

Vinyl Chloride

Concen: 93.574 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079987.D

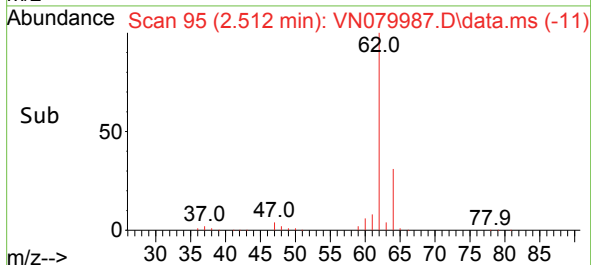
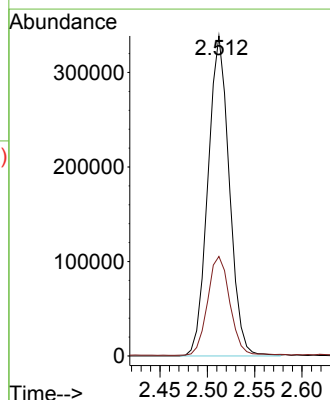
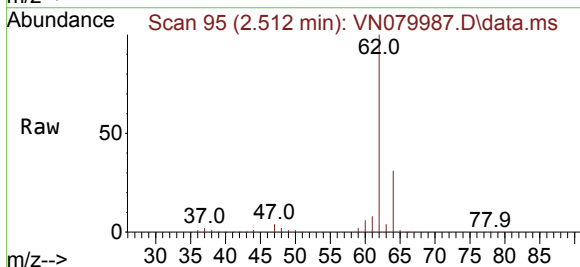
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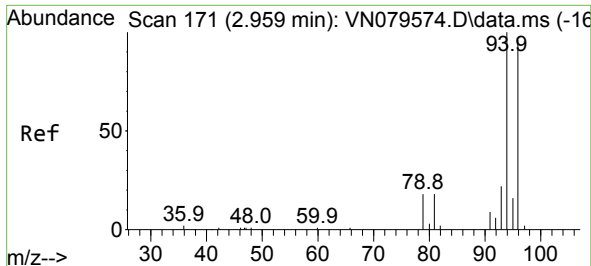
Tgt Ion: 62 Resp: 532779

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6

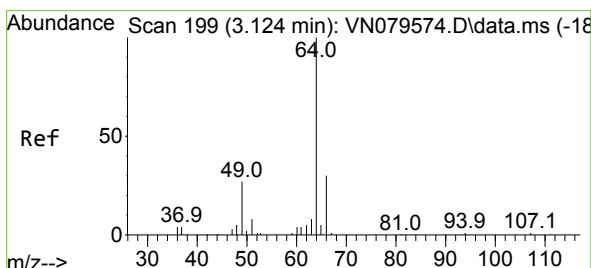
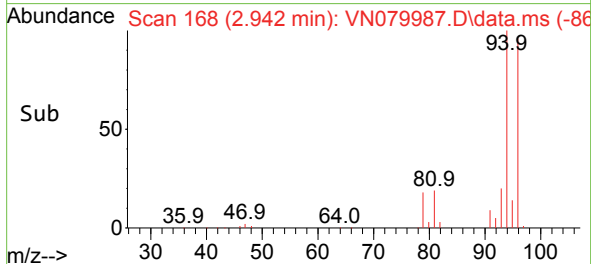
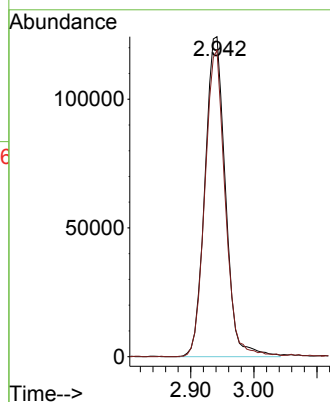
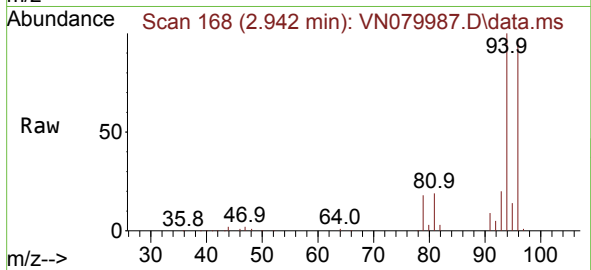




#5
Bromomethane
Concen: 90.036 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.018 min
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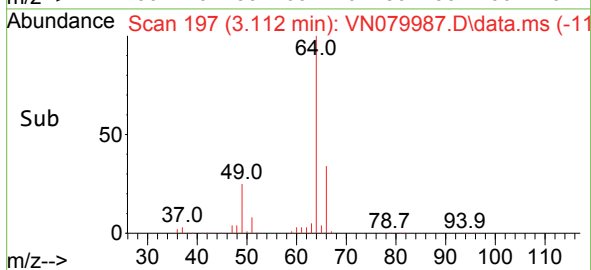
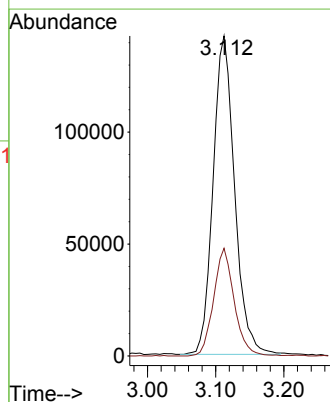
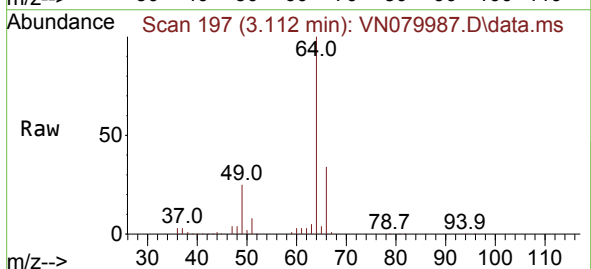
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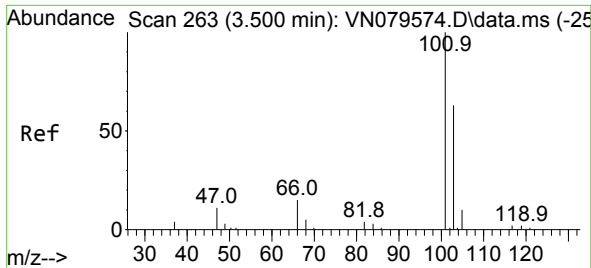
Tgt Ion: 94 Resp: 280675
Ion Ratio Lower Upper
94 100
96 95.6 77.8 116.6



#6
Chloroethane
Concen: 94.126 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 64 Resp: 312260
Ion Ratio Lower Upper
64 100
66 33.8 23.3 34.9

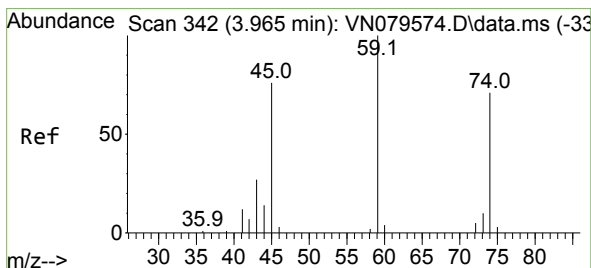
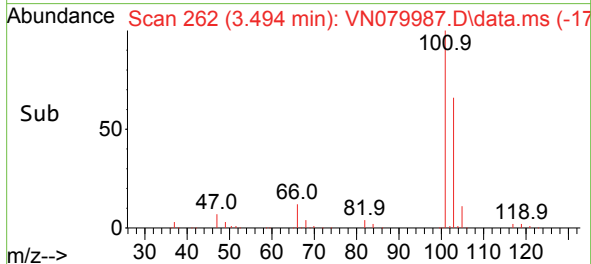
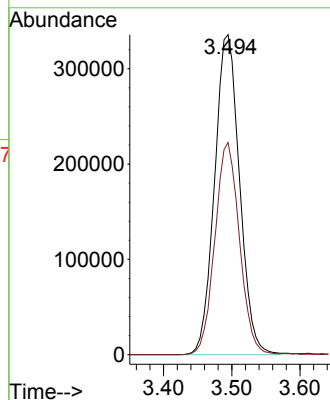
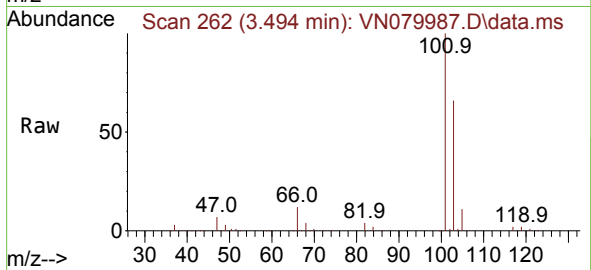




#7
 Trichlorofluoromethane
 Concen: 100.359 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079987.D
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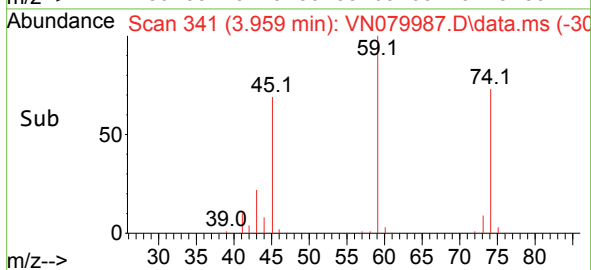
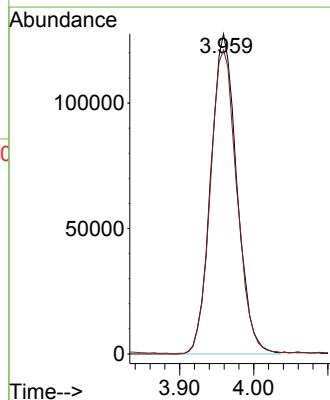
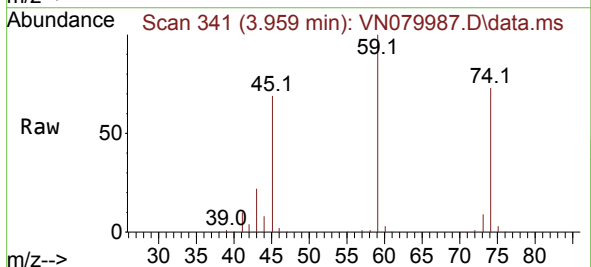
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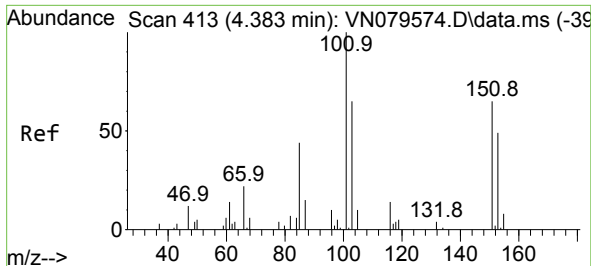
Tgt Ion:101 Resp: 857552
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.9 74.9



#8
 Diethyl Ether
 Concen: 101.544 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

Tgt Ion: 74 Resp: 311484
 Ion Ratio Lower Upper
 74 100
 45 97.0 19.0 171.0

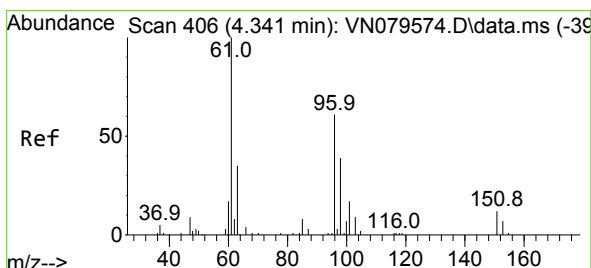
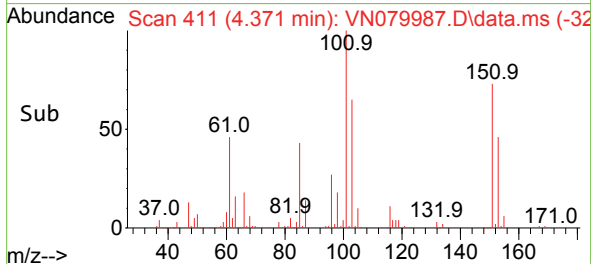
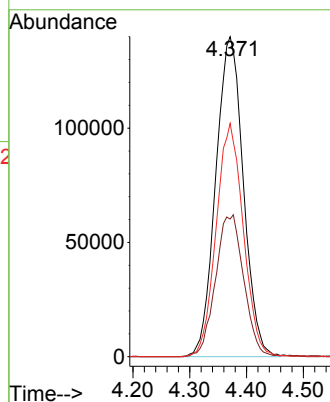
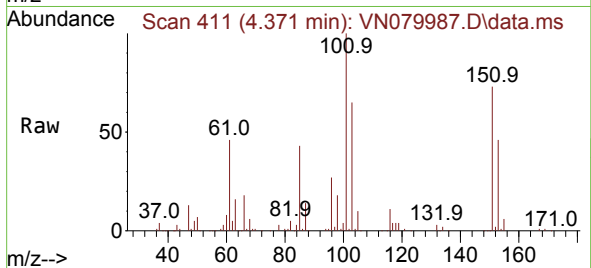




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.699 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079987.D
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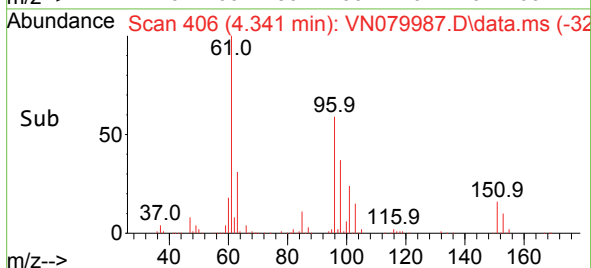
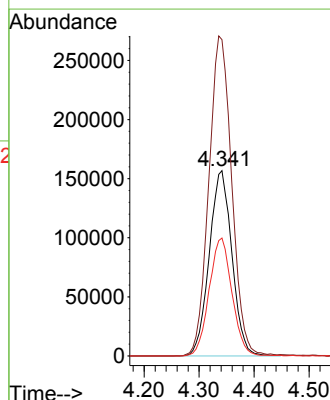
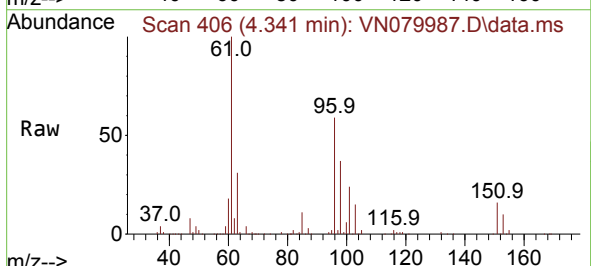
Instrument :
MSVOA_N
ClientSampleId :

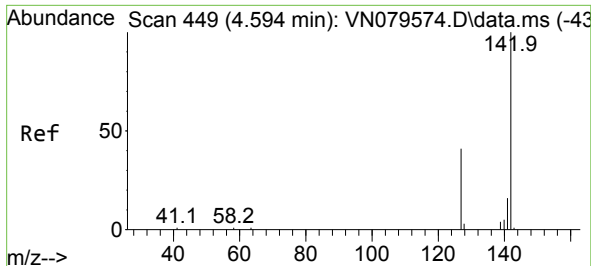
Tgt Ion:101 Resp: 471648
Ion Ratio Lower Upper
101 100
85 45.5 0.0 92.0
151 71.8 0.0 138.4



#10
1,1-Dichloroethene
Concen: 105.455 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 96 Resp: 450371
Ion Ratio Lower Upper
96 100
61 170.6 141.3 211.9
98 63.6 53.2 79.8

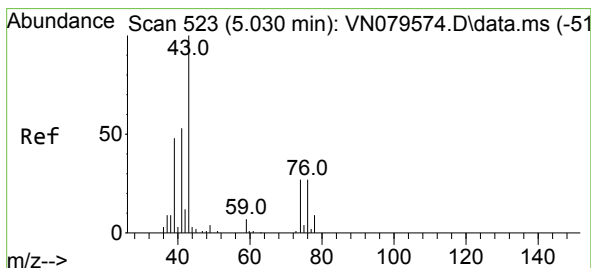
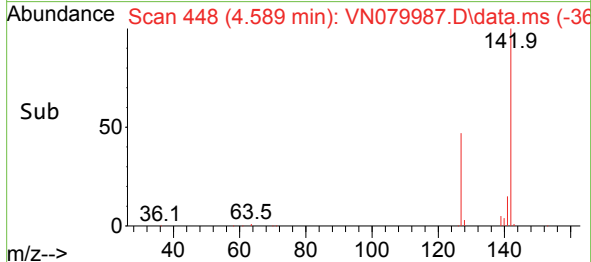
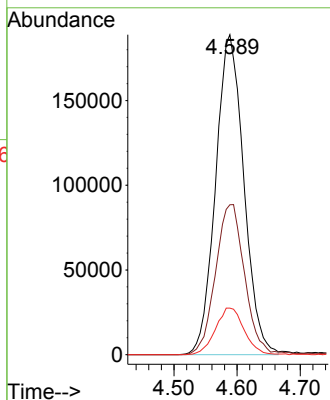
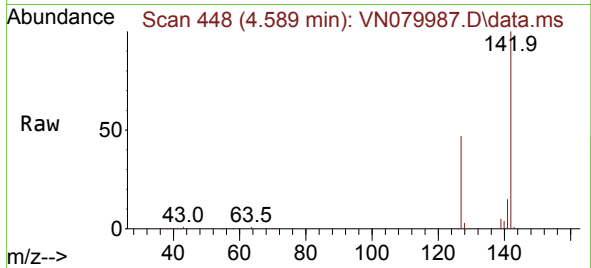




#11
Methyl Iodide
Concen: 103.701 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

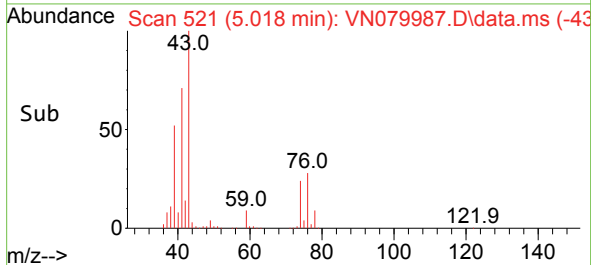
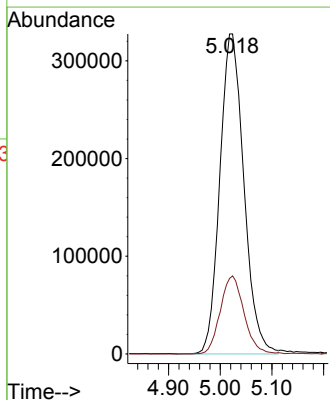
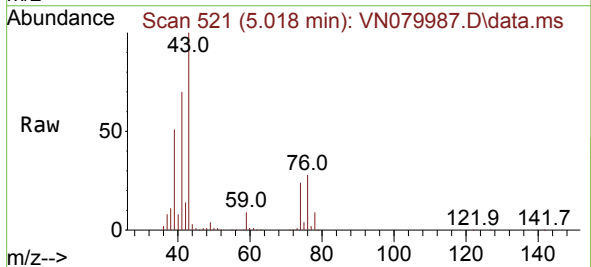
Instrument :
MSVOA_N
ClientSampleId :

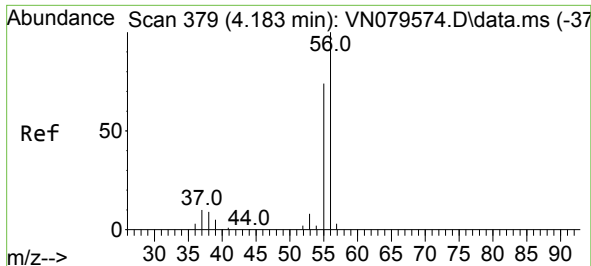
Tgt Ion:142 Resp: 585786
Ion Ratio Lower Upper
142 100
127 46.6 24.6 73.8
141 14.5 7.7 23.1



#12
Methyl Acetate
Concen: 95.467 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 43 Resp: 1057056
Ion Ratio Lower Upper
43 100
74 23.5 18.1 27.1

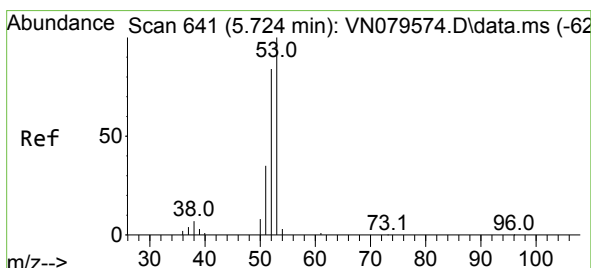
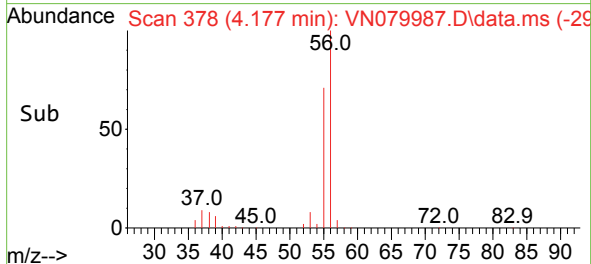
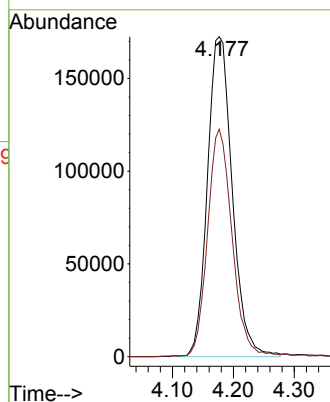
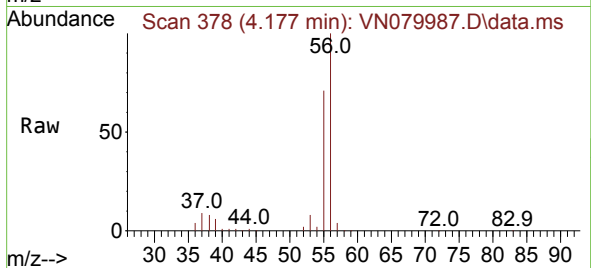




#13
Acrolein
Concen: 522.663 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

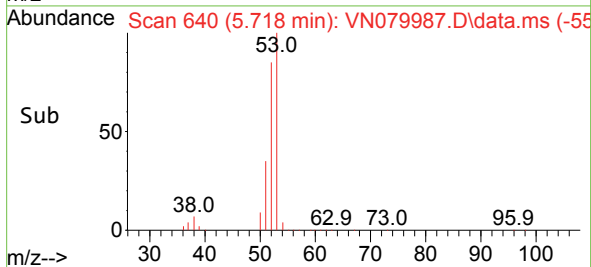
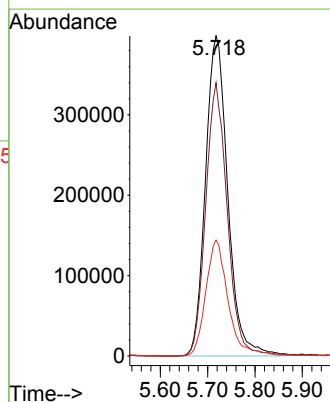
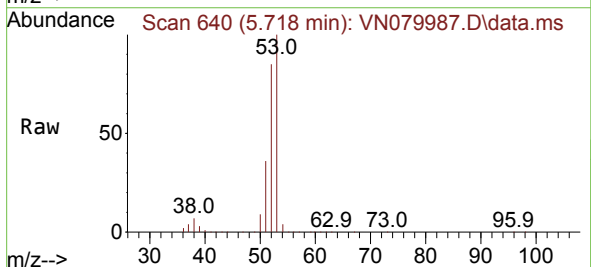
Instrument :
MSVOA_N
ClientSampleId :

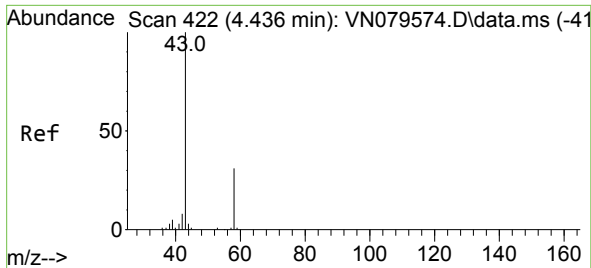
Tgt Ion: 56 Resp: 488941
Ion Ratio Lower Upper
56 100
55 68.7 57.1 85.7



#14
Acrylonitrile
Concen: 495.690 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

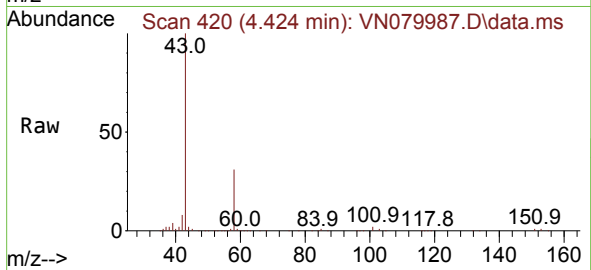
Tgt Ion: 53 Resp: 1303600
Ion Ratio Lower Upper
53 100
52 82.5 41.6 124.9
51 36.1 17.8 53.3



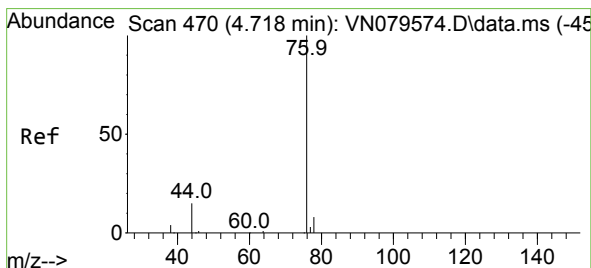
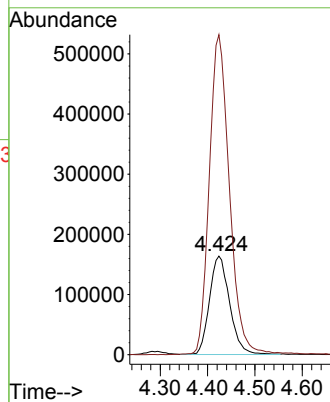
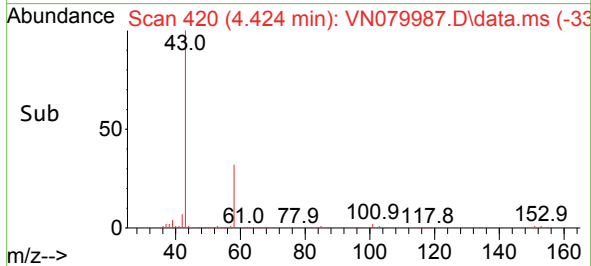


#15
Acetone
Concen: 542.471 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Instrument :
MSVOA_N
ClientSampleId :

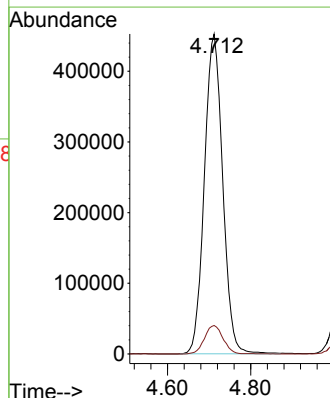
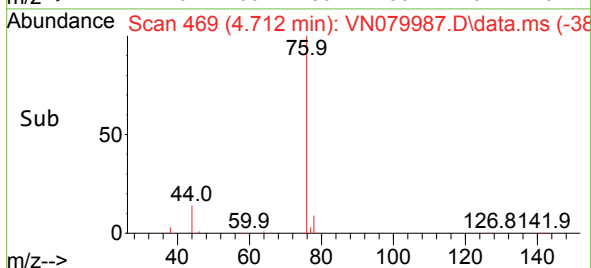
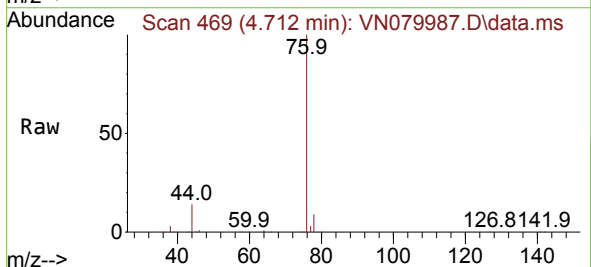


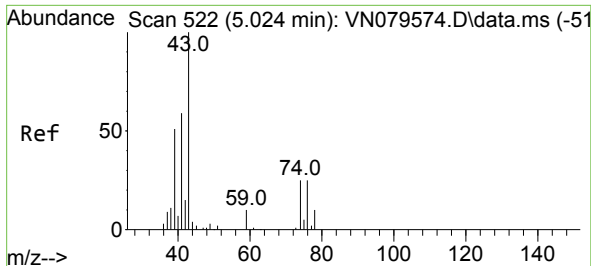
Tgt Ion: 58 Resp: 481711
Ion Ratio Lower Upper
58 100
43 324.8 225.2 337.8



#16
Carbon Disulfide
Concen: 94.948 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 76 Resp: 1384641
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



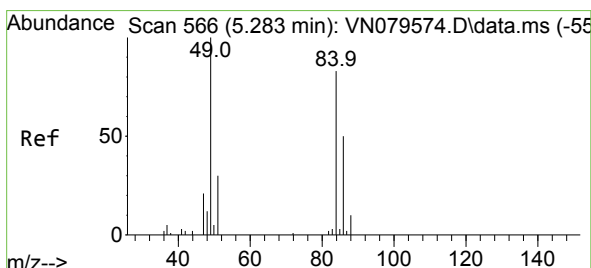
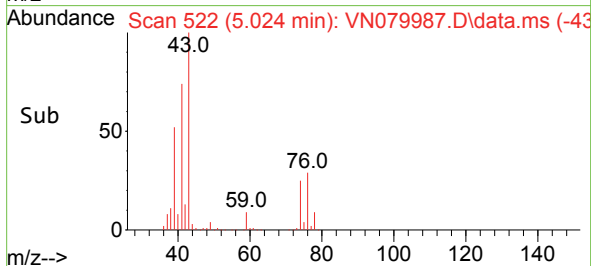
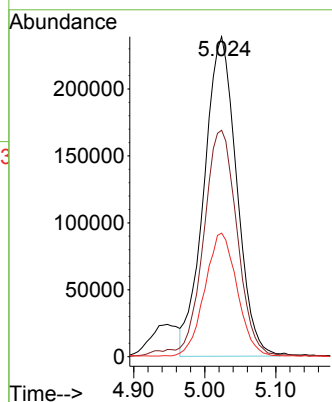
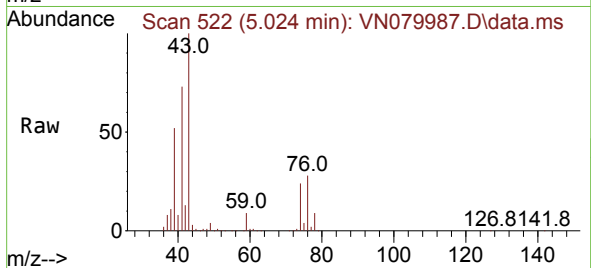


#17
 Allyl chloride
 Concen: 102.062 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 41 Resp: 761643

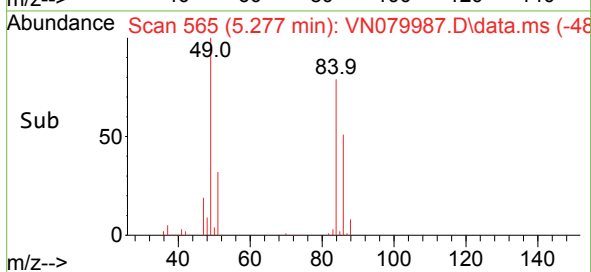
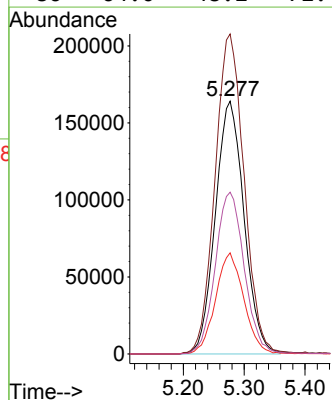
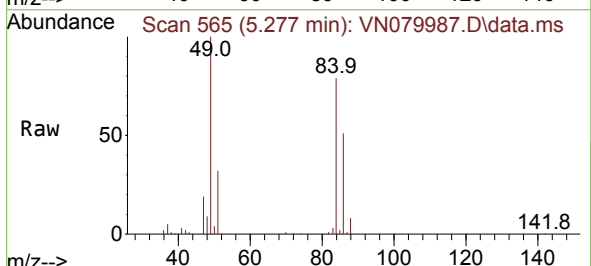
Ion	Ratio	Lower	Upper
41	100		
39	70.8	38.4	115.2
76	38.6	19.5	58.5

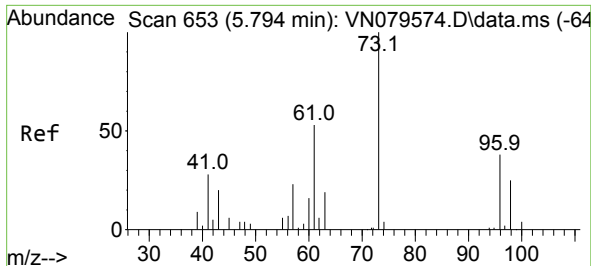


#18
 Methylene Chloride
 Concen: 93.932 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

Tgt Ion: 84 Resp: 537965

Ion	Ratio	Lower	Upper
84	100		
49	126.6	100.9	151.3
51	39.9	29.4	44.2
86	64.0	48.2	72.4

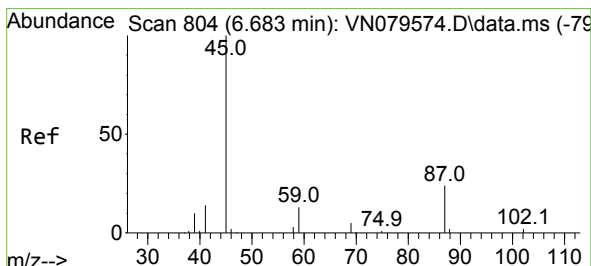
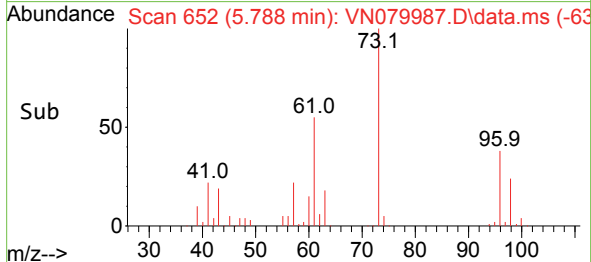
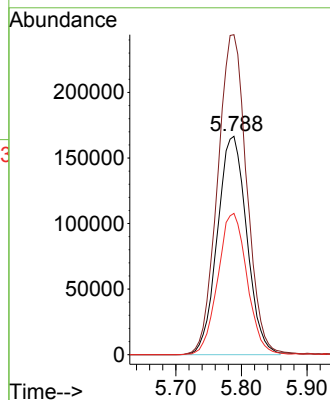
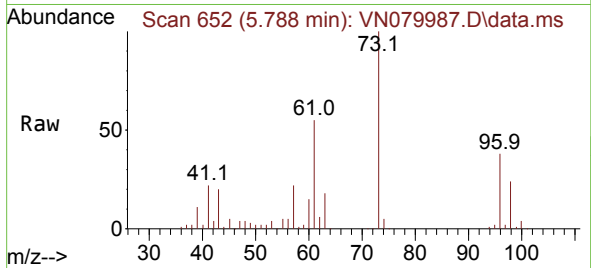




#19
trans-1,2-Dichloroethene
Concen: 97.776 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

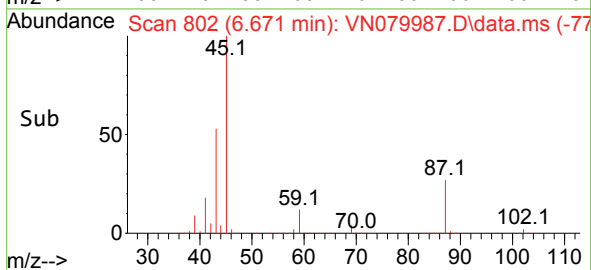
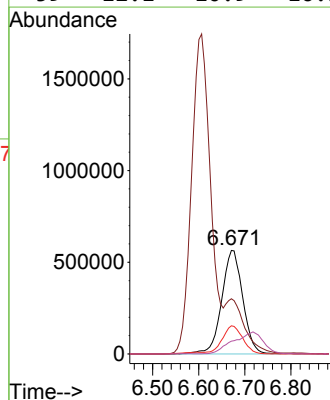
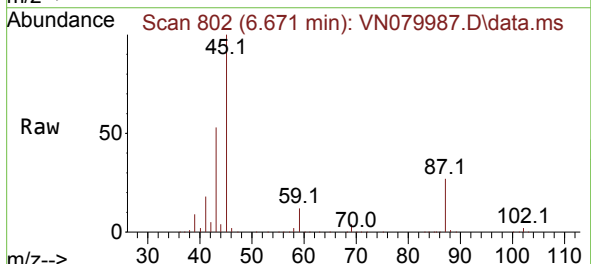
Instrument :
MSVOA_N
ClientSampleId :

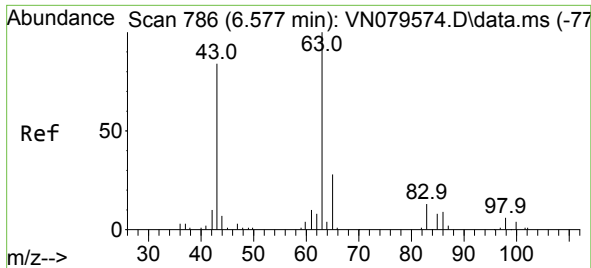
Tgt Ion: 96 Resp: 517590
Ion Ratio Lower Upper
96 100
61 146.4 113.4 170.0
98 64.7 50.4 75.6



#20
Diisopropyl ether
Concen: 102.399 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 45 Resp: 1785773
Ion Ratio Lower Upper
45 100
43 52.5 42.1 63.1
87 27.2 20.5 30.7
59 12.1 10.9 16.3

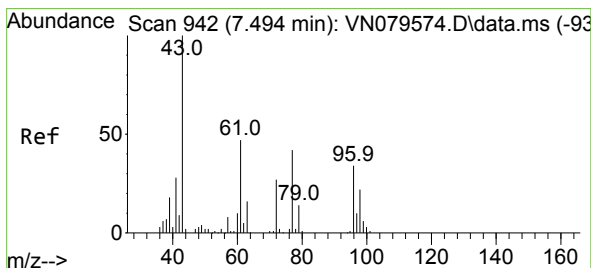
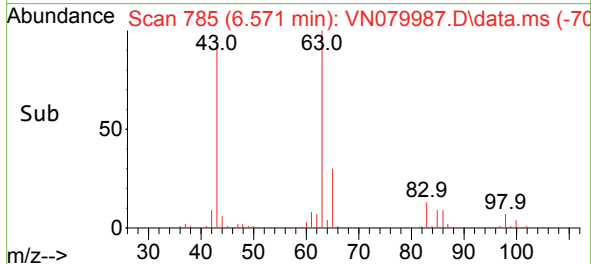
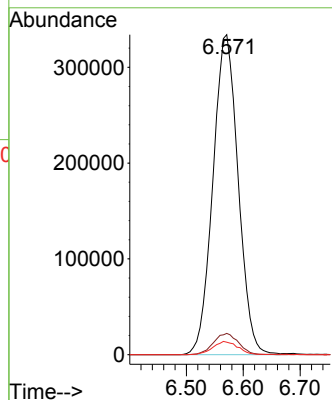
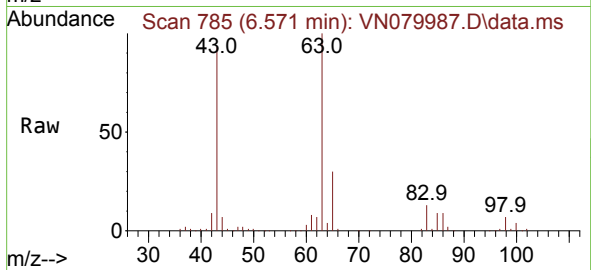




#21
1,1-Dichloroethane
Concen: 99.164 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

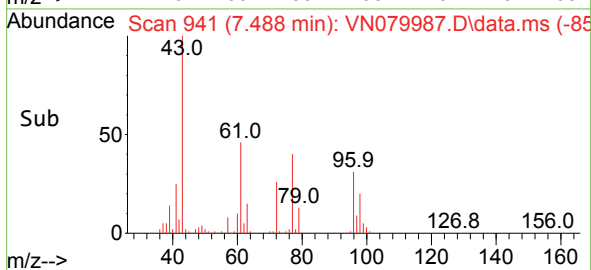
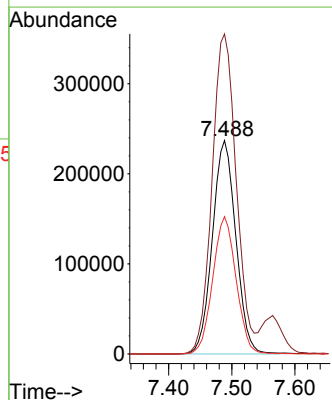
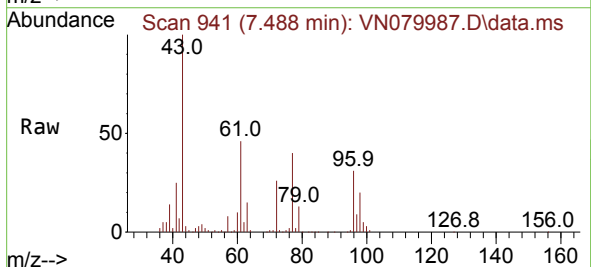
Instrument :
MSVOA_N
ClientSampleId :

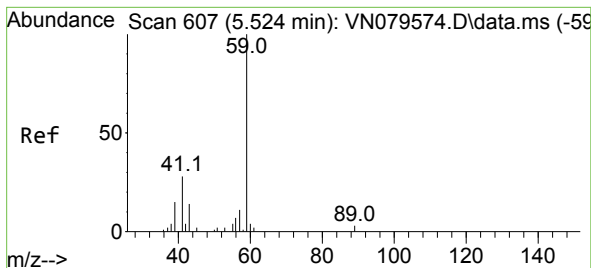
Tgt Ion: 63 Resp: 1032257
Ion Ratio Lower Upper
63 100
98 6.6 2.8 8.4
100 3.9 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 99.724 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 96 Resp: 612608
Ion Ratio Lower Upper
96 100
61 154.1 124.6 186.8
98 64.0 54.2 81.4





#23

tert-Butyl Alcohol

Concen: 516.217 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

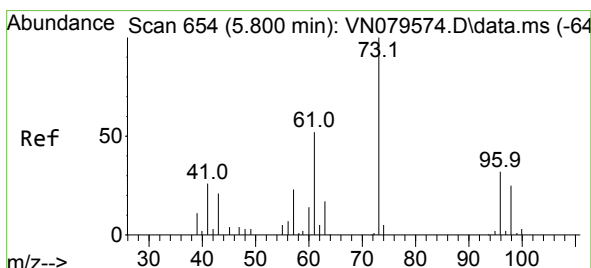
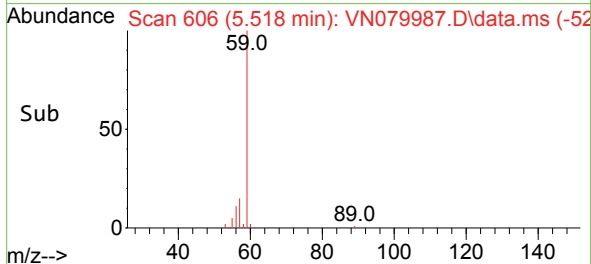
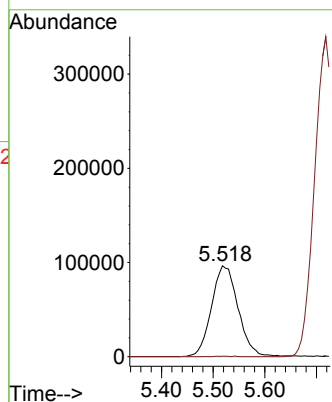
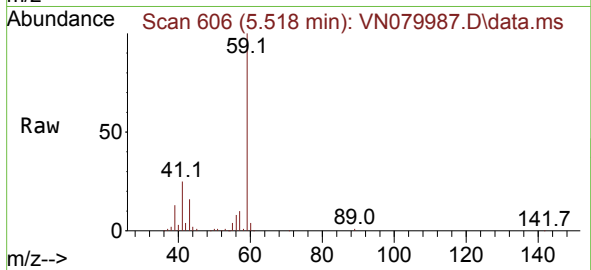
ClientSampleId :

Tgt Ion: 59 Resp: 344472

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 101.700 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.006 min

Lab File: VN079987.D

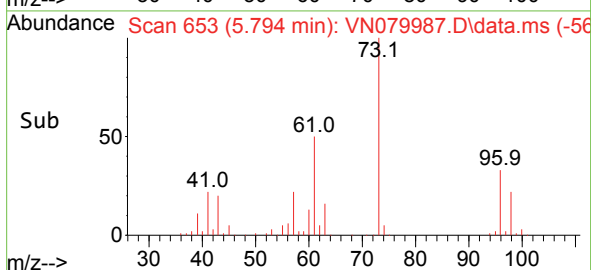
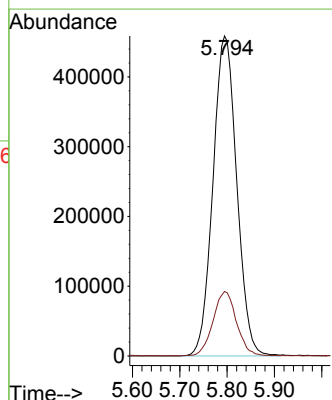
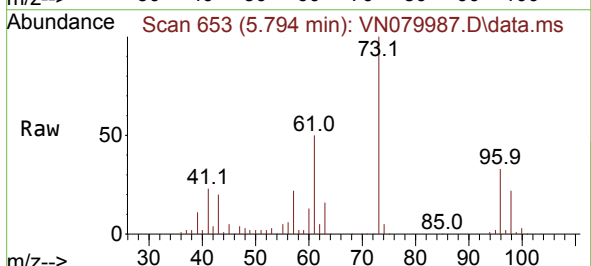
Acq: 08 Nov 2023 12:45

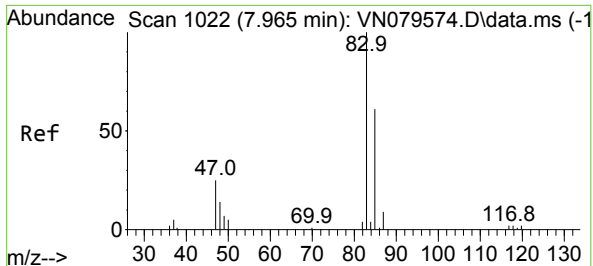
Tgt Ion: 73 Resp: 1599212

Ion Ratio Lower Upper

73 100

43 19.8 16.6 24.8





#25

Chloroform

Concen: 95.998 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

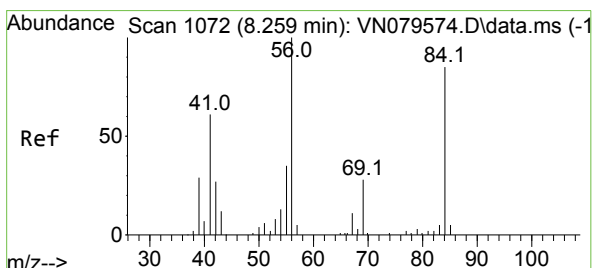
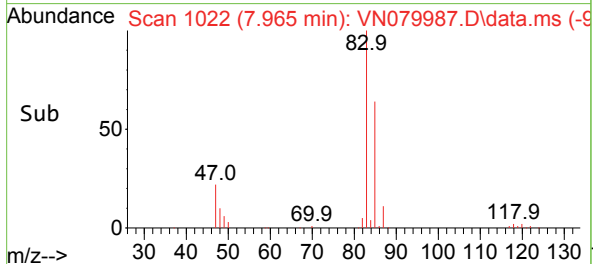
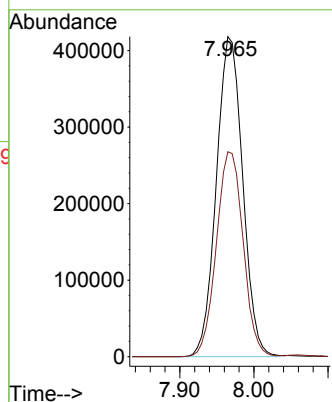
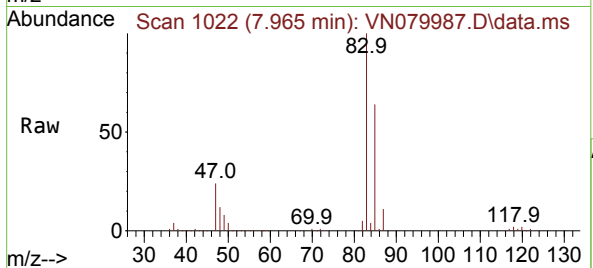
ClientSampleId :

Tgt Ion: 83 Resp: 1031536

Ion Ratio Lower Upper

83 100

85 64.1 47.4 71.2



#26

Cyclohexane

Concen: 106.823 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

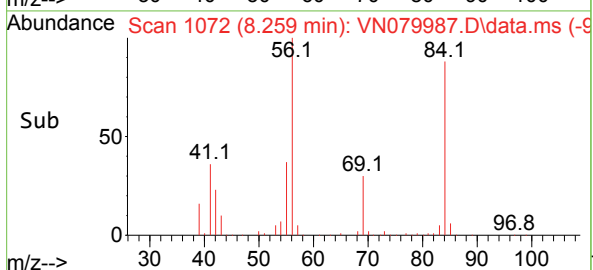
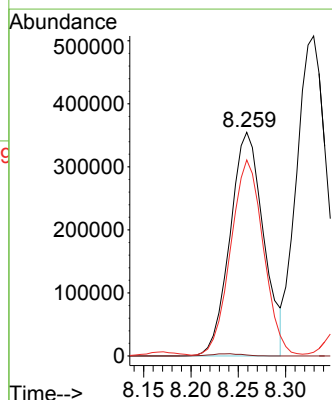
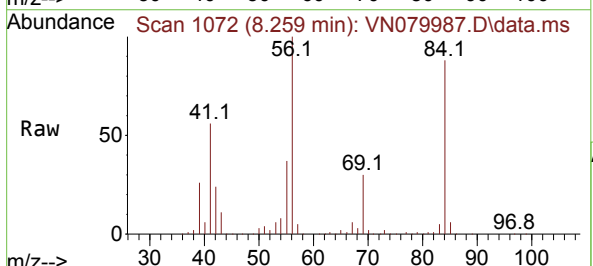
Tgt Ion: 56 Resp: 874791

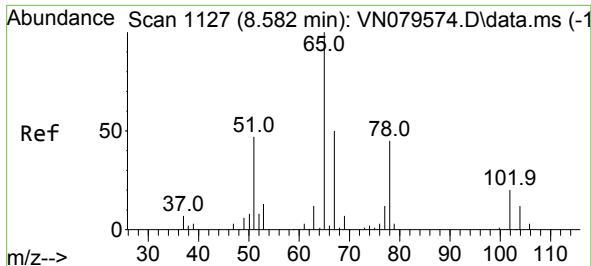
Ion Ratio Lower Upper

56 100

89 0.9 0.0 0.0#

84 85.8 69.0 103.4

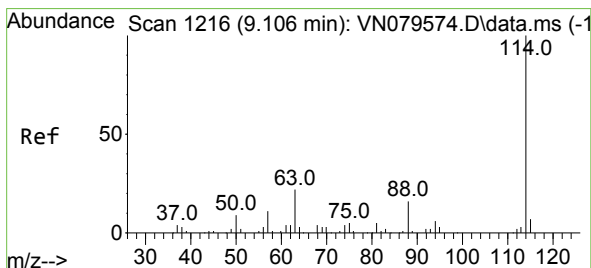
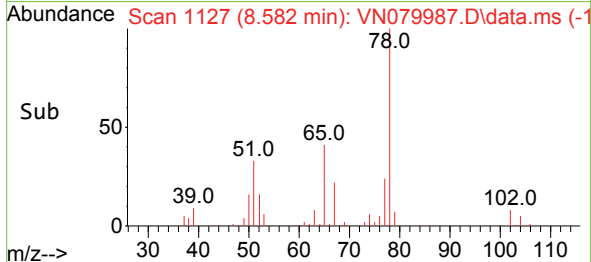
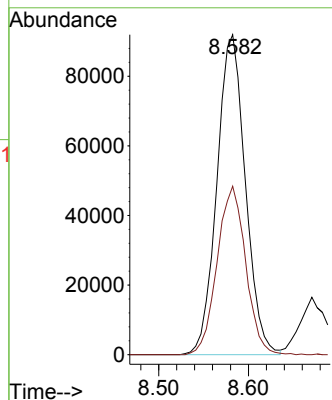
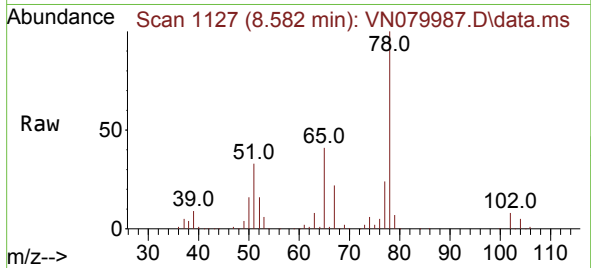




#27
1,2-Dichloroethane-d4
Concen: 29.090 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

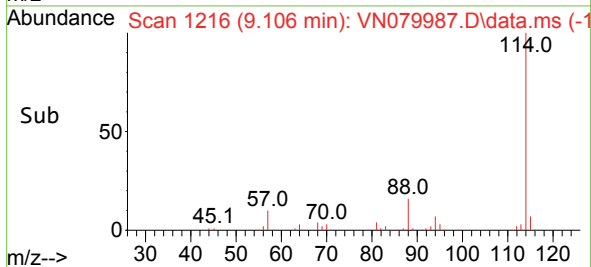
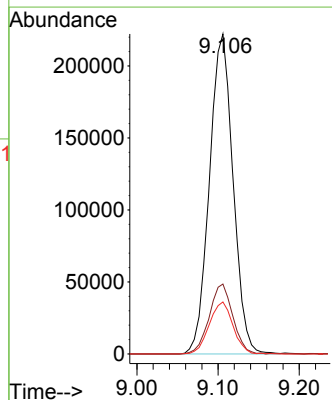
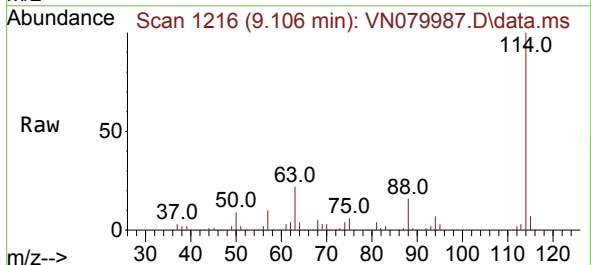
Instrument :
MSVOA_N
ClientSampleId :

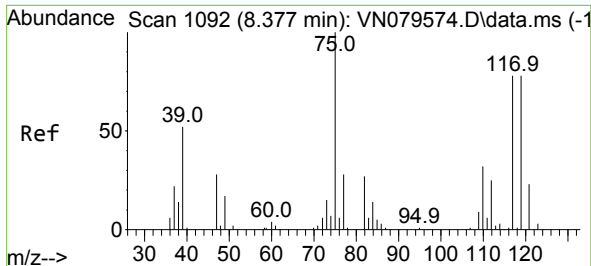
Tgt Ion: 65 Resp: 202555
Ion Ratio Lower Upper
65 100
67 52.8 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 114 Resp: 449663
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 16.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 104.842 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

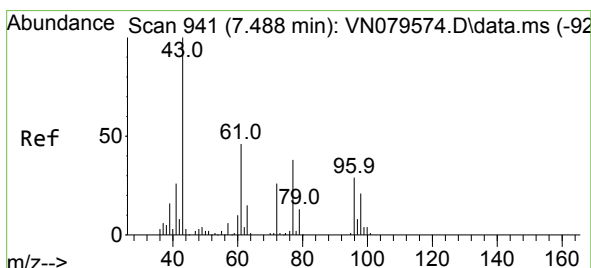
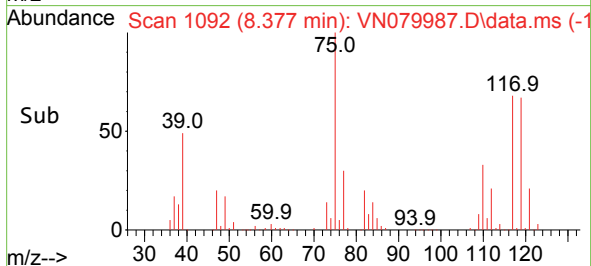
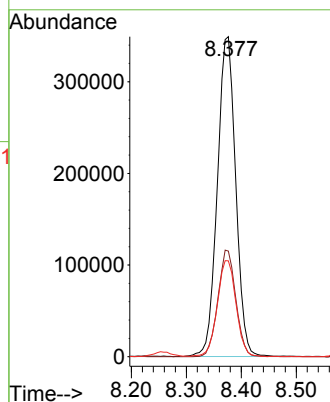
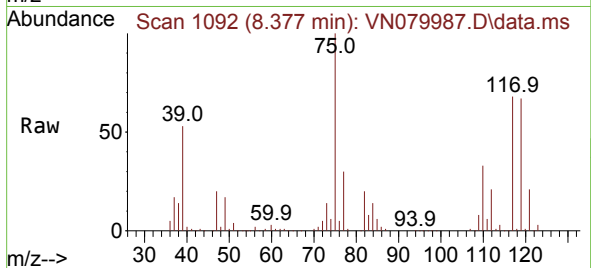
Tgt Ion: 75 Resp: 809108

Ion Ratio Lower Upper

75 100

110 32.5 0.0 66.8

77 30.7 0.0 61.2



#30

2-Butanone

Concen: 547.104 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

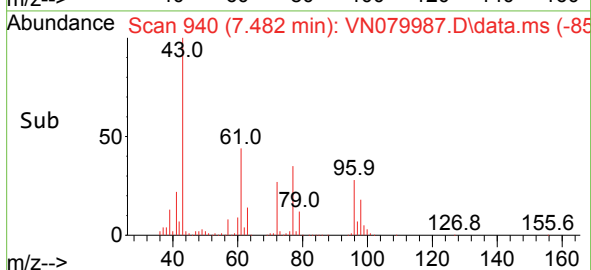
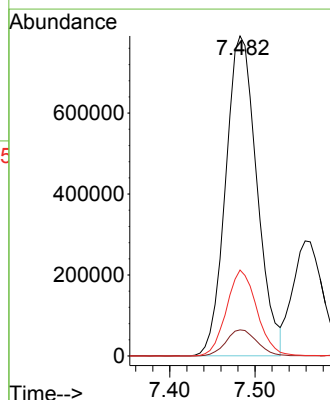
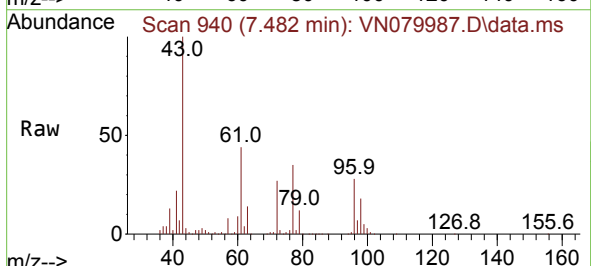
Tgt Ion: 43 Resp: 2016423

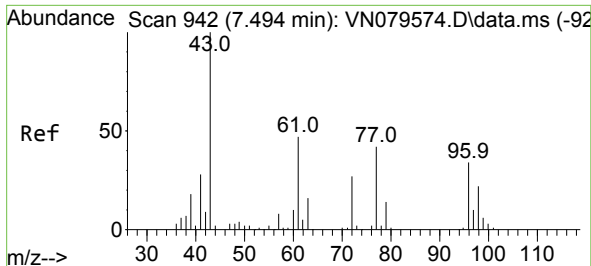
Ion Ratio Lower Upper

43 100

57 8.2 6.4 9.6

72 26.1 20.7 31.1





#31

2,2-Dichloropropane

Concen: 105.242 ug/l

RT: 7.494 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

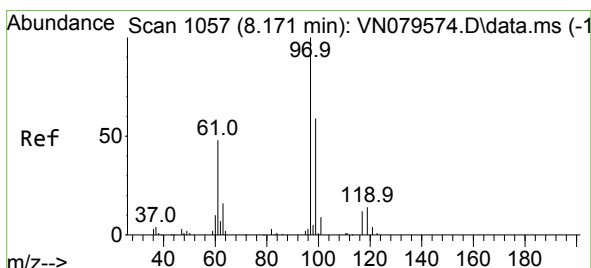
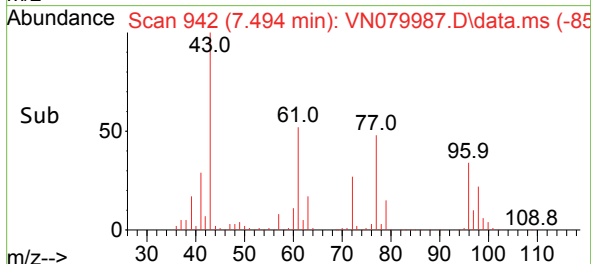
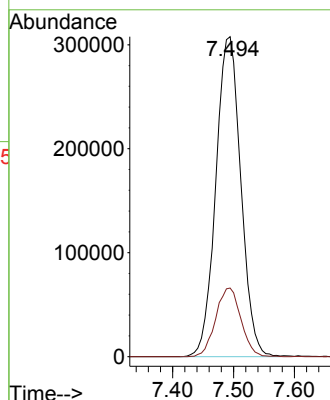
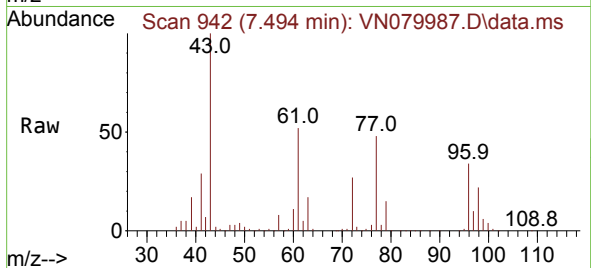
ClientSampleId :

Tgt Ion: 77 Resp: 877834

Ion Ratio Lower Upper

77 100

97 21.7 17.9 26.9



#32

1,1,1-Trichloroethane

Concen: 102.011 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

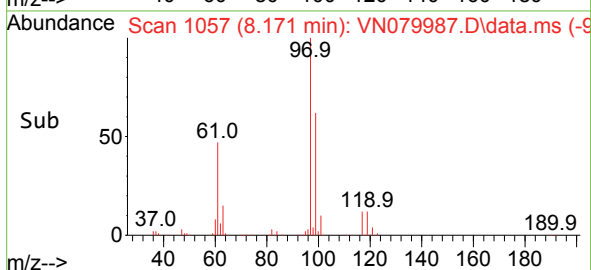
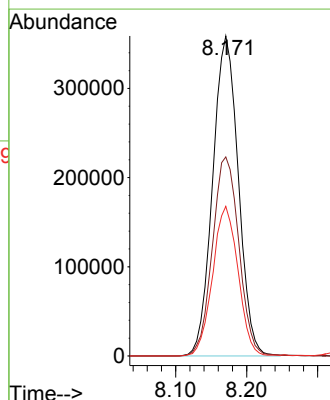
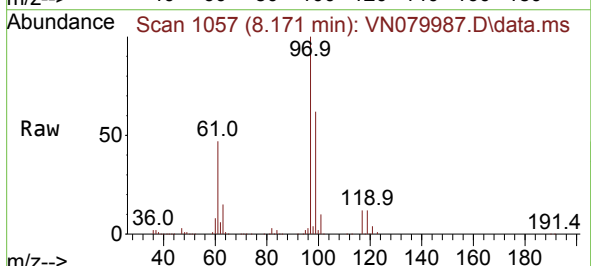
Tgt Ion: 97 Resp: 898738

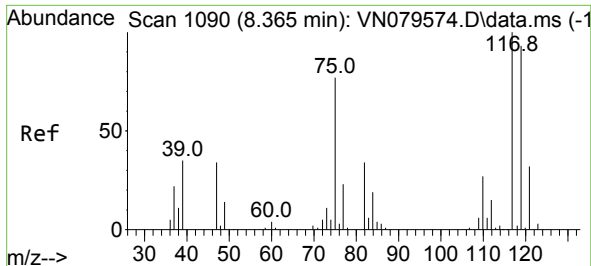
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

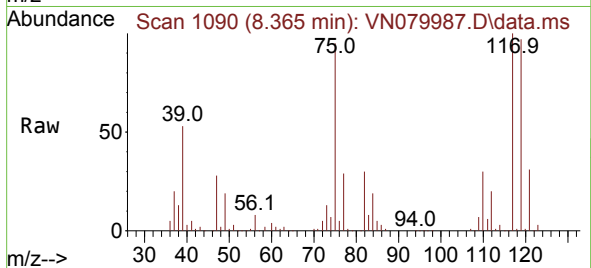
61 46.4 37.6 56.4



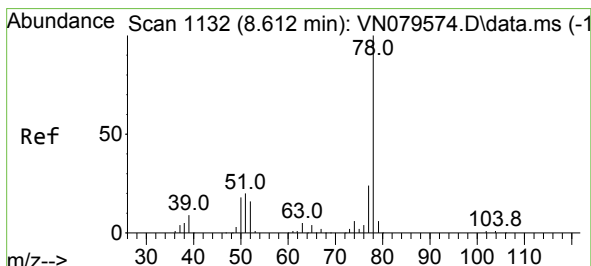
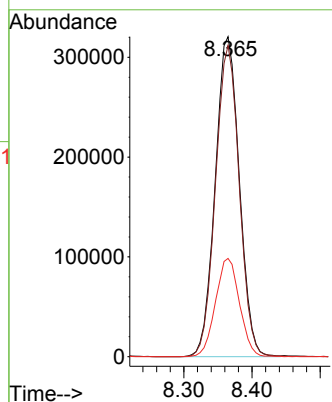
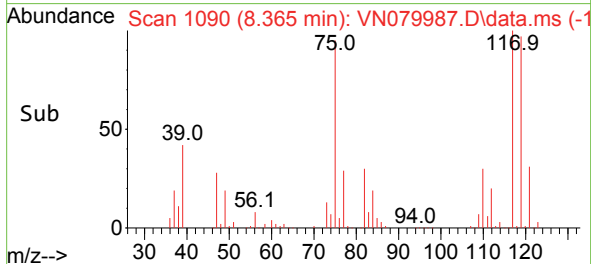


#33
Carbon Tetrachloride
Concen: 101.967 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

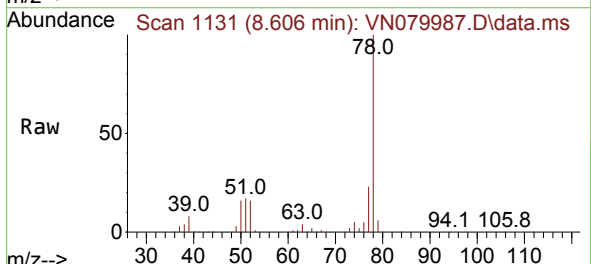
Instrument :
MSVOA_N
ClientSampleId :



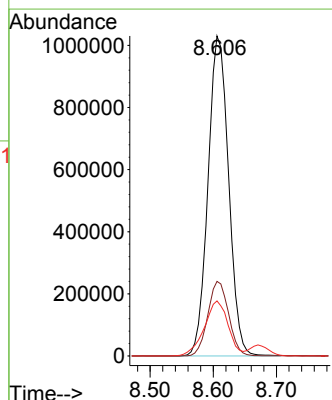
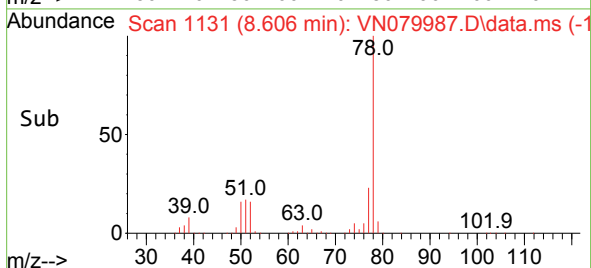
Tgt Ion:117 Resp: 789609
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.6
121 30.7 24.3 36.5

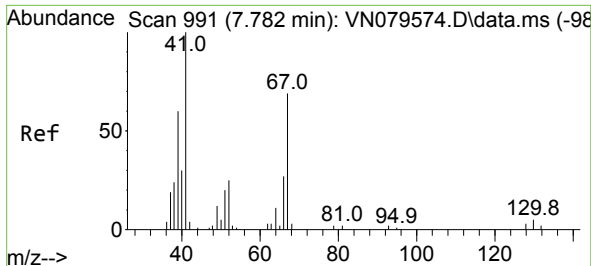


#34
Benzene
Concen: 101.864 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45



Tgt Ion: 78 Resp: 2335273
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5
51 17.0 15.8 23.6



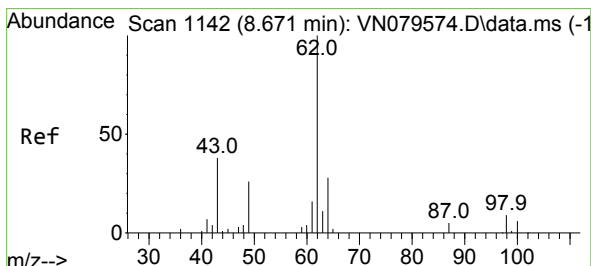
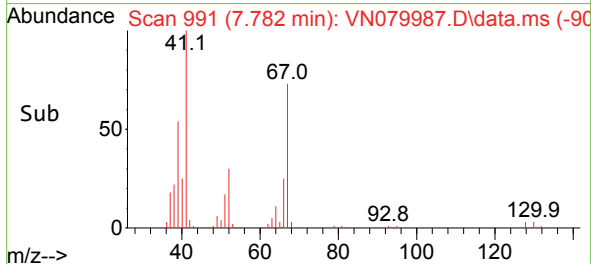
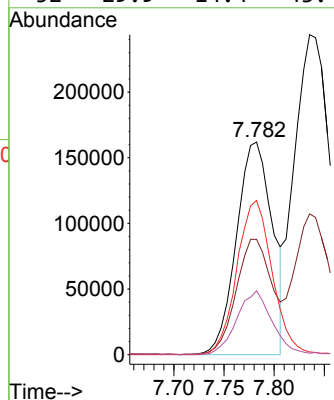
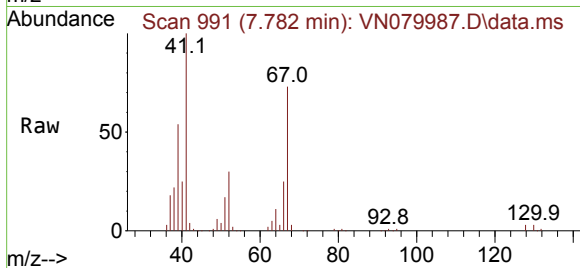


#35
Methacrylonitrile
Concen: 104.672 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 404465

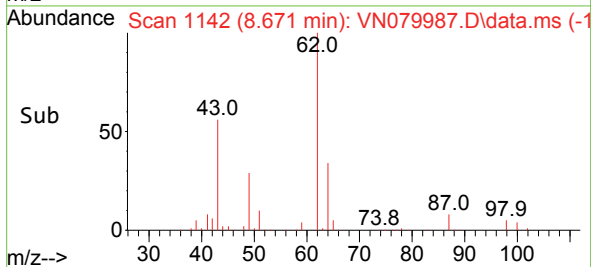
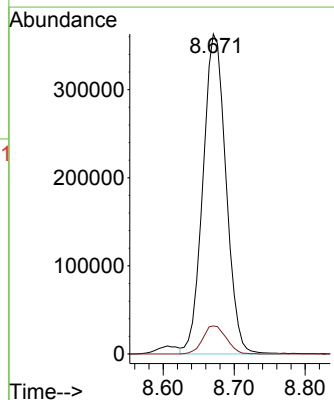
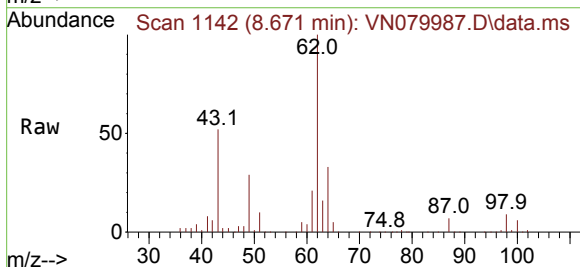
Ion	Ratio	Lower	Upper
41	100		
39	54.1	26.3	78.8
67	72.6	37.5	112.3
52	29.9	14.4	43.4

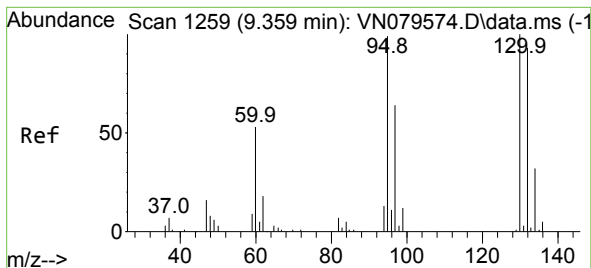


#36
1,2-Dichloroethane
Concen: 98.809 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 62 Resp: 819802

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8





#37

Trichloroethene

Concen: 102.125 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

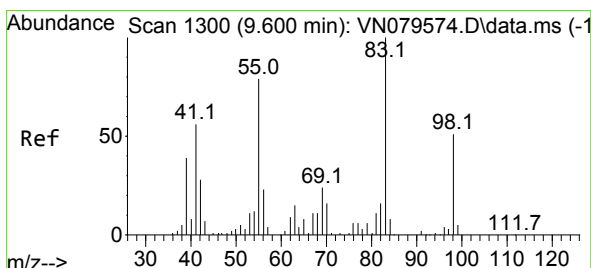
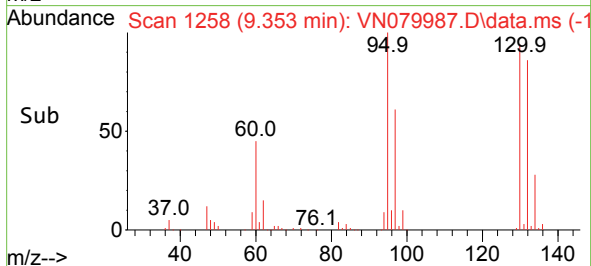
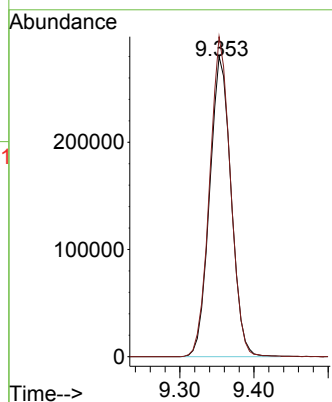
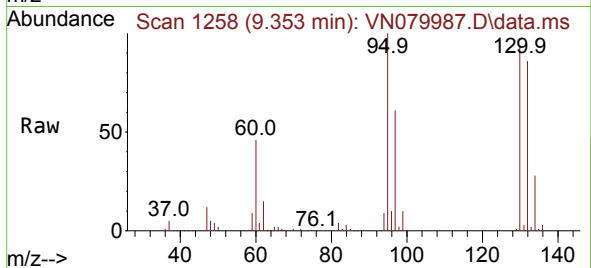
ClientSampleId :

Tgt Ion:130 Resp: 563042

Ion Ratio Lower Upper

130 100

95 106.5 81.2 121.8



#38

Methylcyclohexane

Concen: 112.200 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

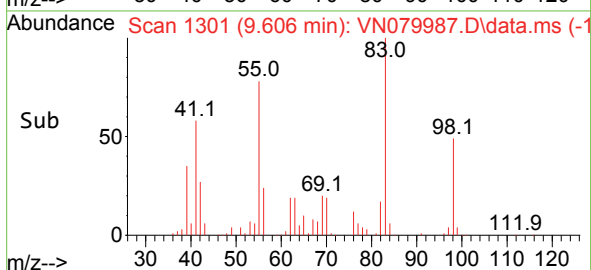
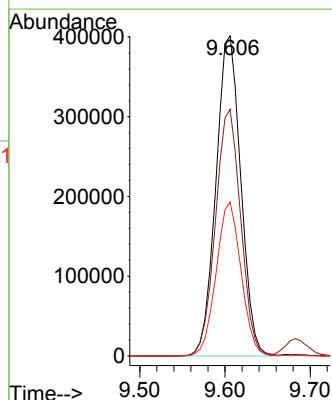
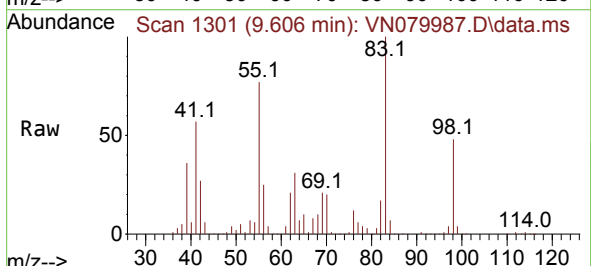
Tgt Ion: 83 Resp: 813036

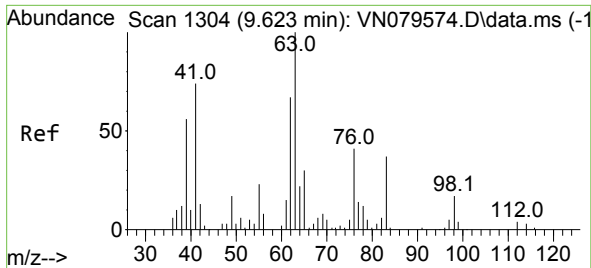
Ion Ratio Lower Upper

83 100

55 78.2 39.7 119.1

98 48.2 24.4 73.2

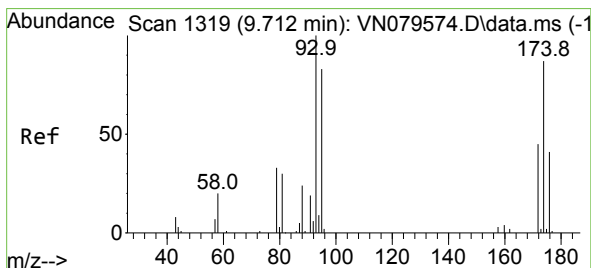
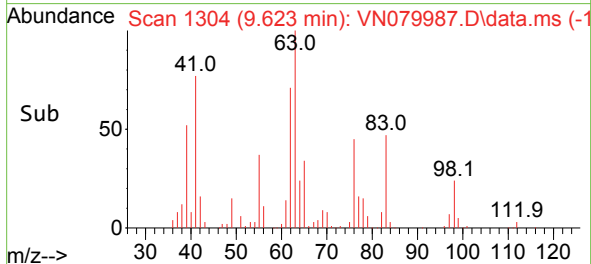
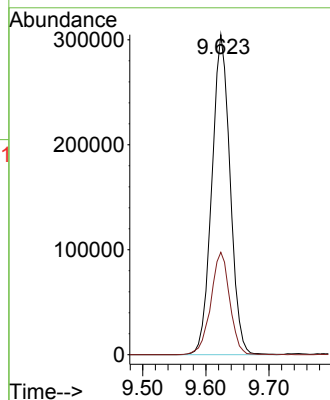
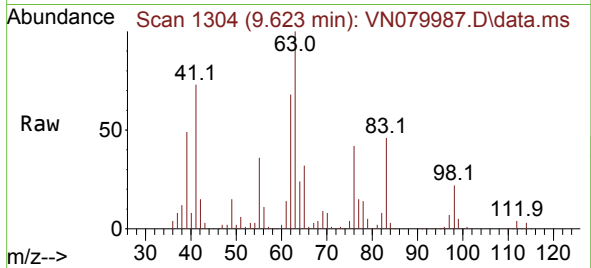




#39
1,2-Dichloropropane
Concen: 100.816 ug/l
RT: 9.623 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

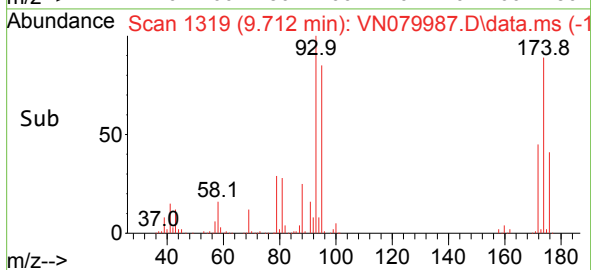
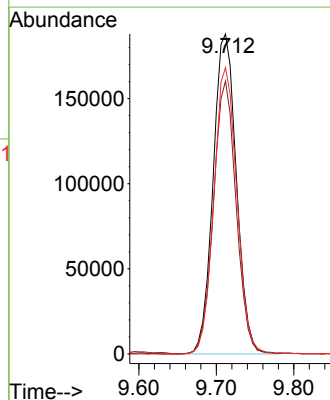
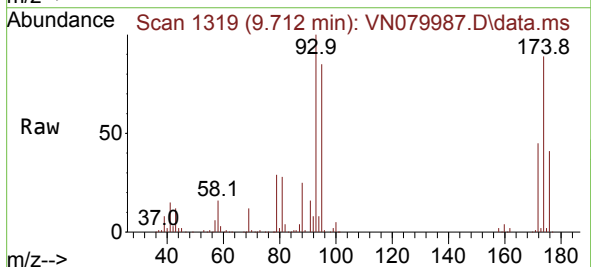
Instrument :
MSVOA_N
ClientSampleId :

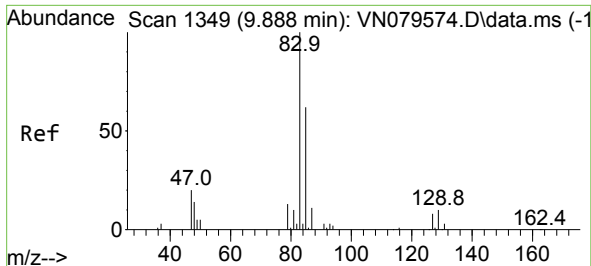
Tgt Ion: 63 Resp: 611745
Ion Ratio Lower Upper
63 100
65 32.0 25.3 37.9



#40
Dibromomethane
Concen: 99.930 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 93 Resp: 391950
Ion Ratio Lower Upper
93 100
95 83.1 0.0 166.6
174 88.5 0.0 171.0

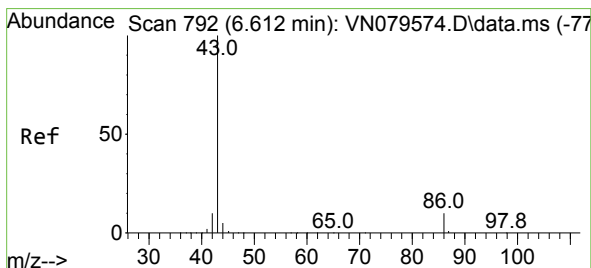
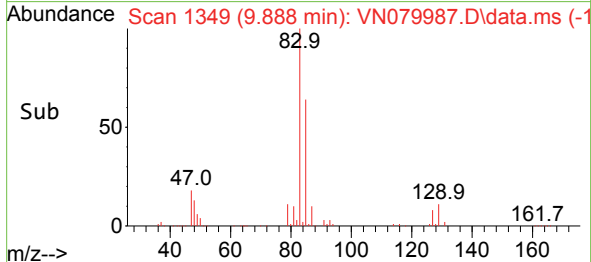
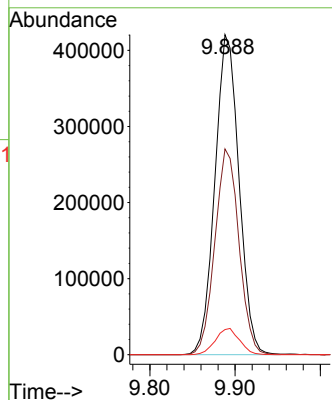
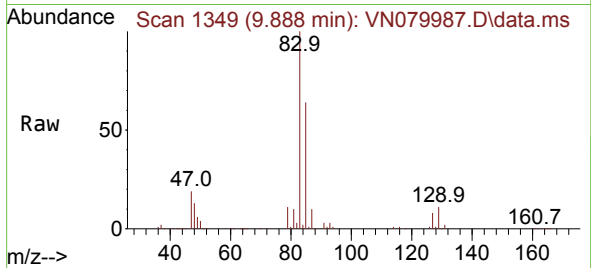




#41
Bromodichloromethane
Concen: 101.782 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

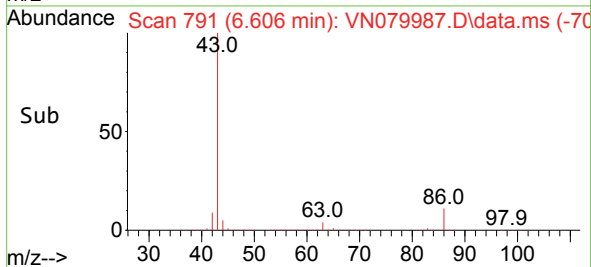
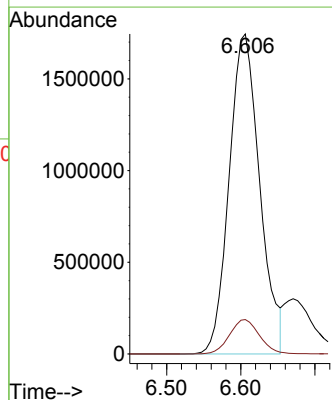
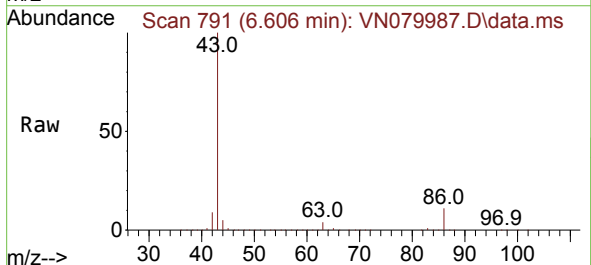
Instrument :
MSVOA_N
ClientSampleId :

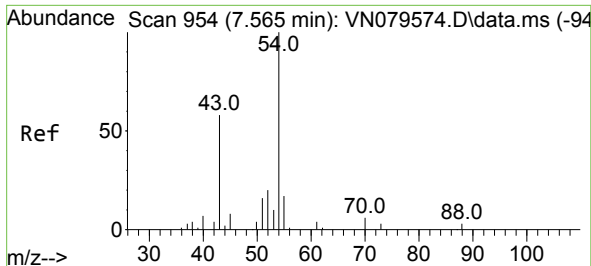
Tgt Ion: 83 Resp: 826826
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5
127 7.9 6.8 10.2



#42
Vinyl Acetate
Concen: 547.123 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 43 Resp: 5008751
Ion Ratio Lower Upper
43 100
86 10.6 8.2 12.2

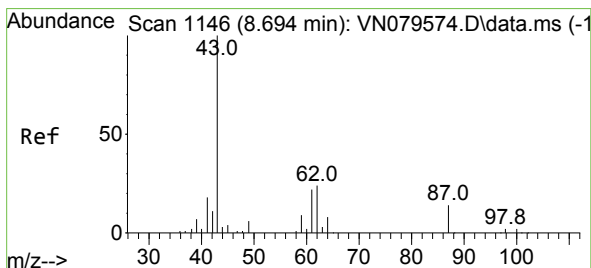
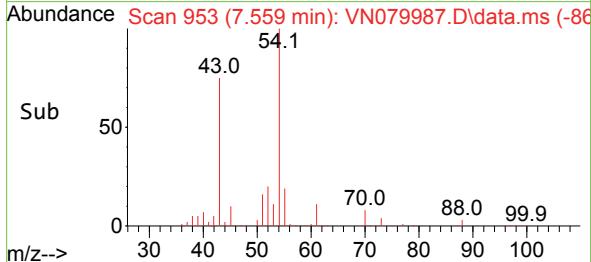
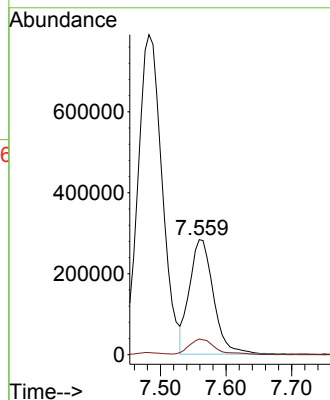
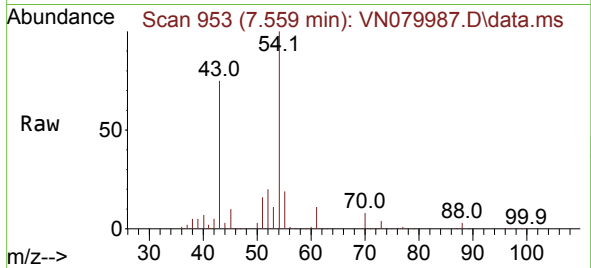




#43
Ethyl Acetate
Concen: 104.036 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

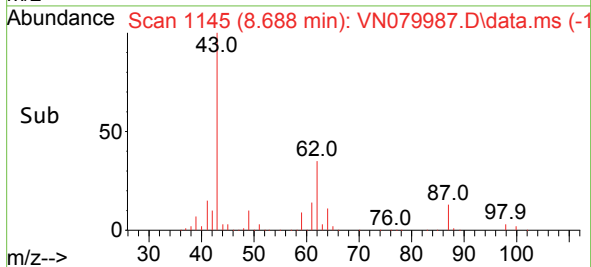
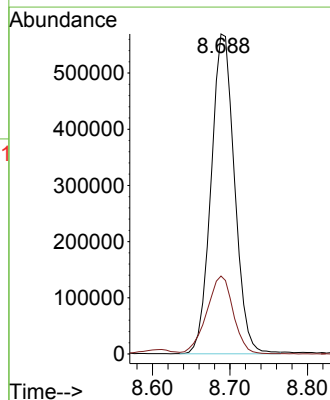
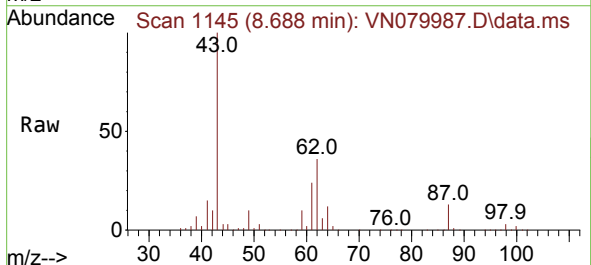
Instrument :
MSVOA_N
ClientSampleId :

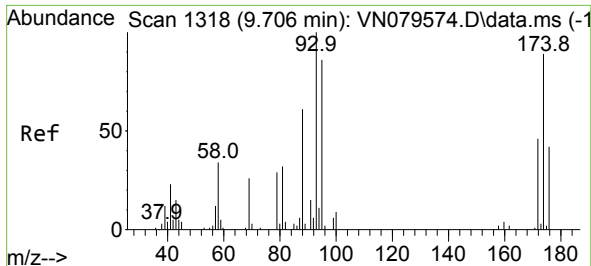
Tgt Ion: 43 Resp: 720304
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 106.006 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 43 Resp: 1195904
Ion Ratio Lower Upper
43 100
61 27.6 20.3 30.5

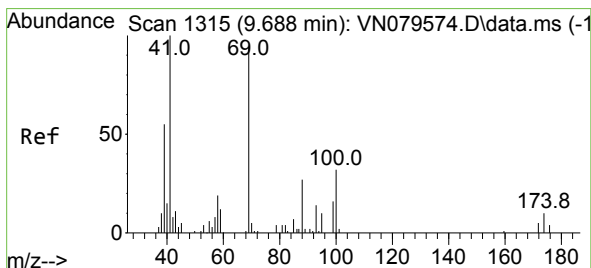
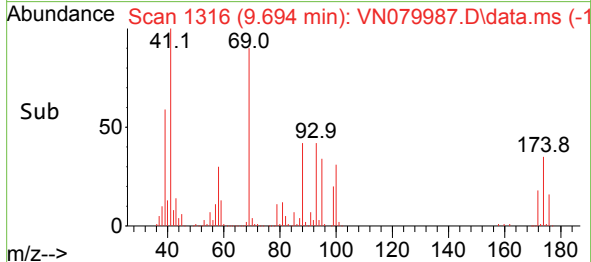
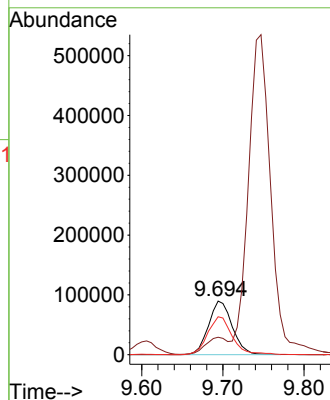
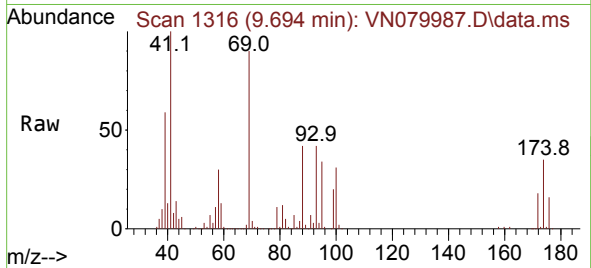




#45
1,4-Dioxane
Concen: 2094.171 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

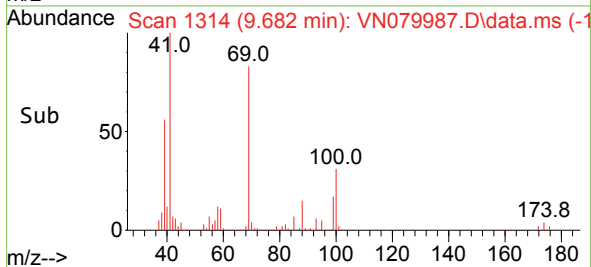
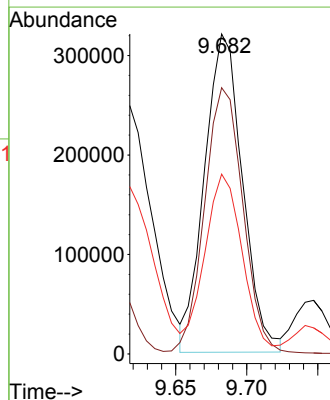
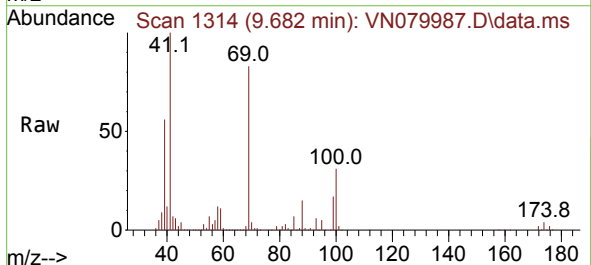
Instrument :
MSVOA_N
ClientSampleId :

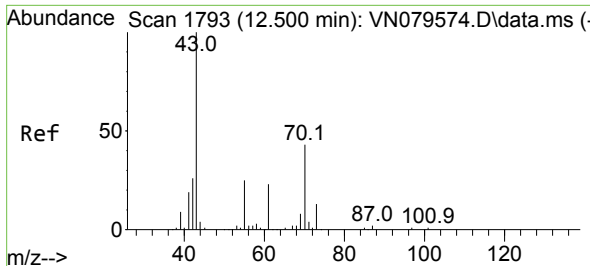
Tgt Ion: 88 Resp: 182068
Ion Ratio Lower Upper
88 100
43 28.8 28.7 43.1
58 73.0 56.9 85.3



#46
Methyl methacrylate
Concen: 109.741 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 41 Resp: 595134
Ion Ratio Lower Upper
41 100
69 86.1 40.0 119.9
39 56.1 31.1 93.3

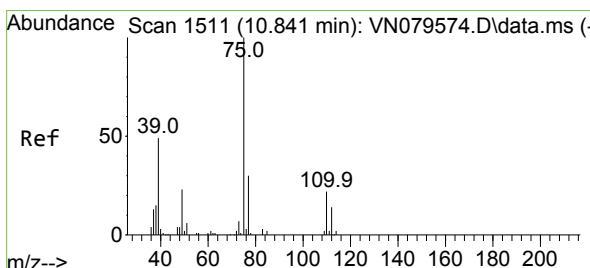
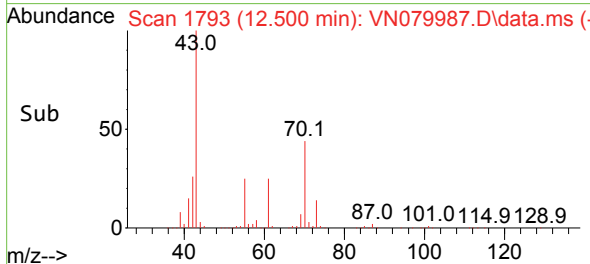
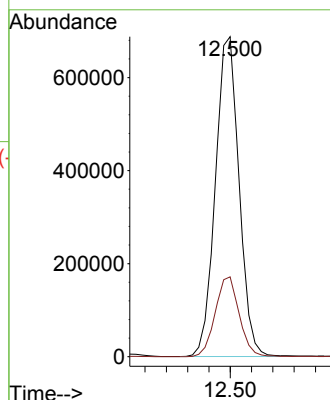
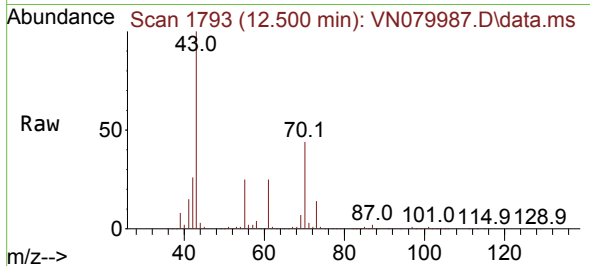




#47
n-amyl acetate
Concen: 116.835 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

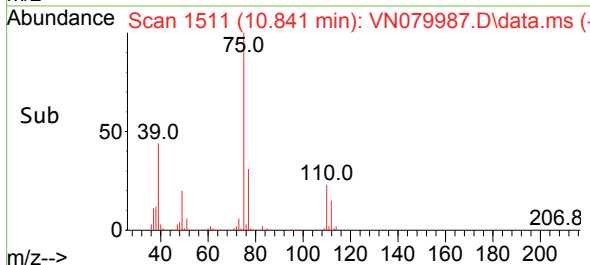
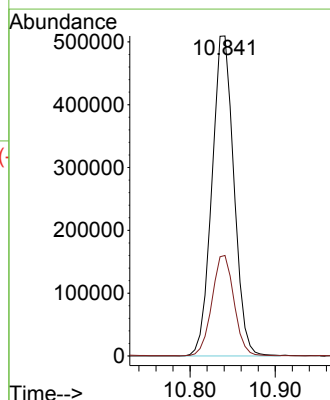
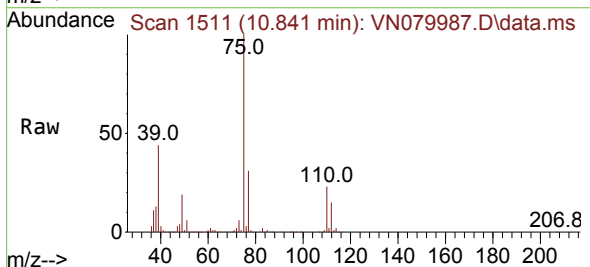
Instrument :
MSVOA_N
ClientSampleId :

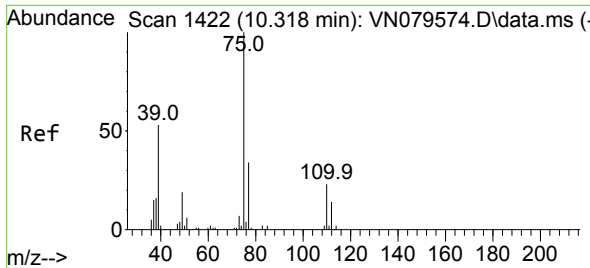
Tgt Ion: 43 Resp: 1058742
Ion Ratio Lower Upper
43 100
55 25.3 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 110.042 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 75 Resp: 912942
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

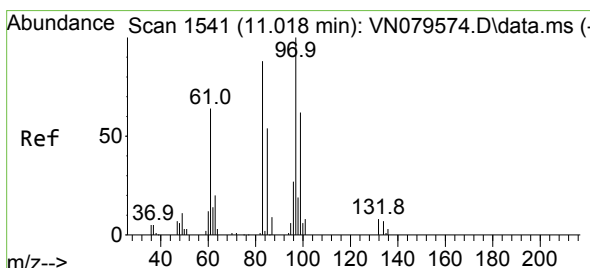
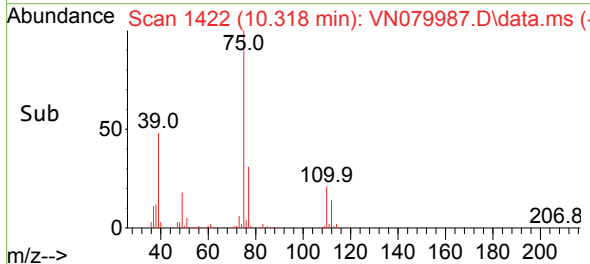
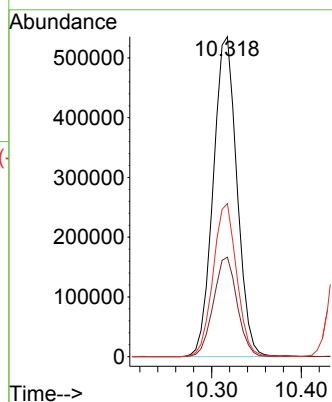
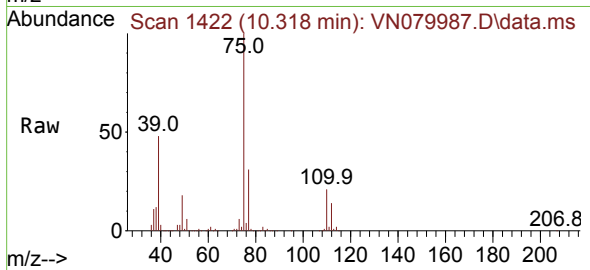




#49
 cis-1,3-Dichloropropene
 Concen: 107.305 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

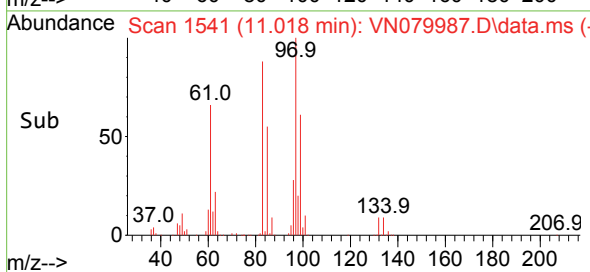
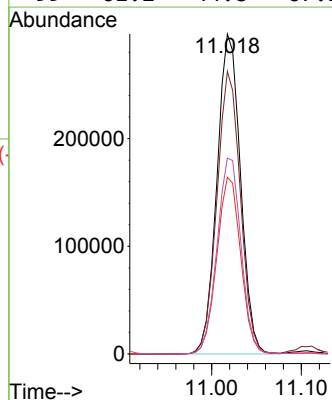
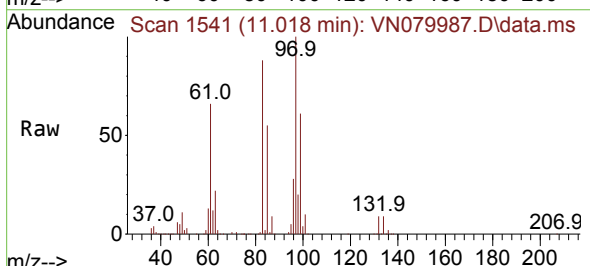
Instrument :
 MSVOA_N
 ClientSampleId :

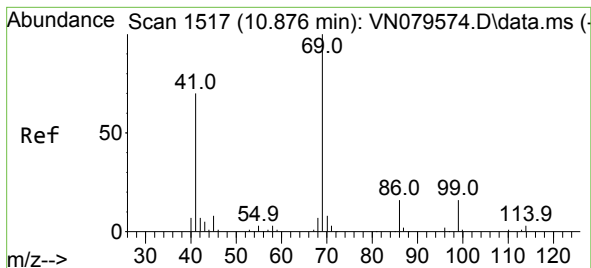
Tgt Ion: 75 Resp: 984137
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6
 39 47.8 42.4 63.6



#50
 1,1,2-Trichloroethane
 Concen: 101.209 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

Tgt Ion: 97 Resp: 541504
 Ion Ratio Lower Upper
 97 100
 83 88.3 68.2 102.4
 85 55.2 42.9 64.3
 99 61.2 44.8 67.2

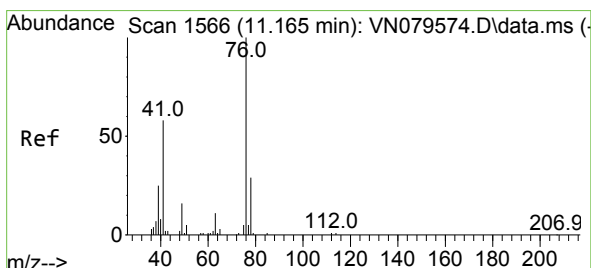
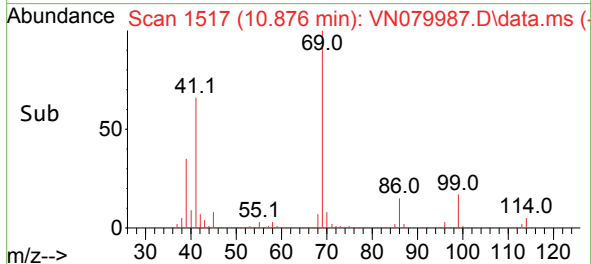
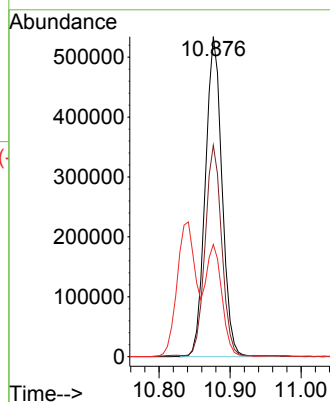
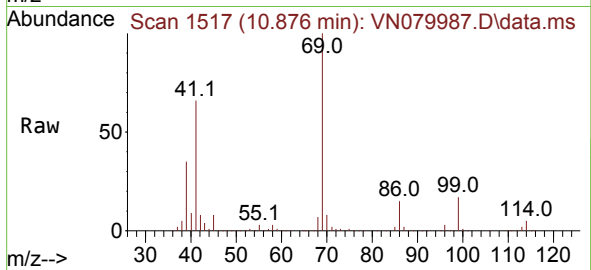




#51
Ethyl methacrylate
Concen: 113.438 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

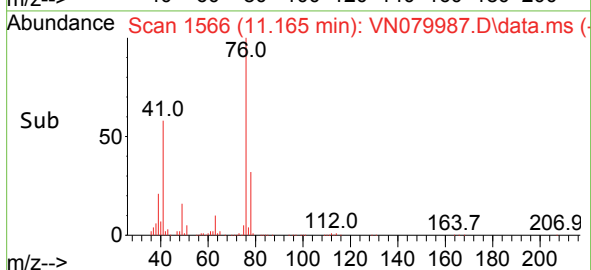
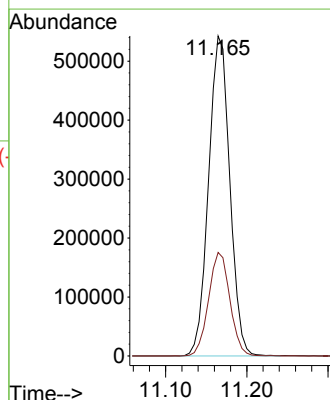
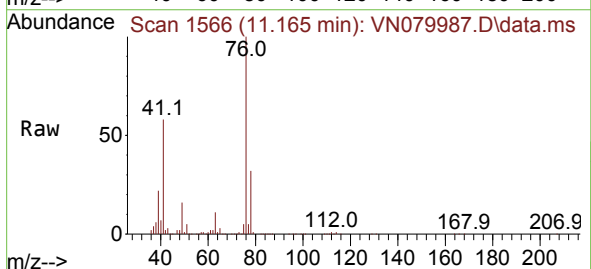
Instrument :
MSVOA_N
ClientSampleId :

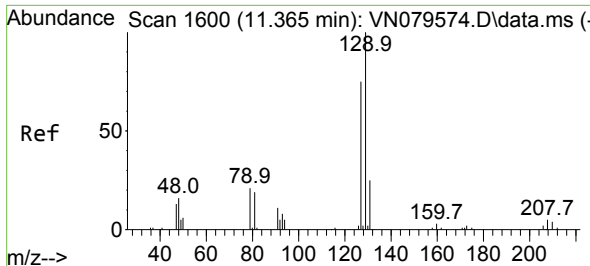
Tgt Ion: 69 Resp: 872359
Ion Ratio Lower Upper
69 100
41 65.8 33.8 101.3
39 34.8 21.3 63.9



#52
1,3-Dichloropropane
Concen: 102.958 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 76 Resp: 984839
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0

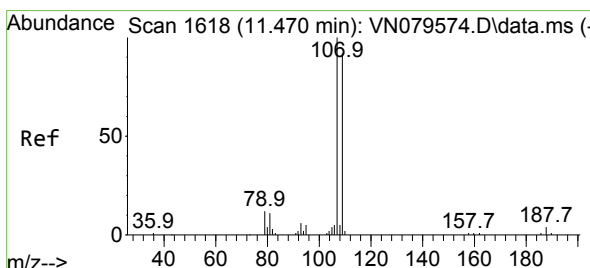
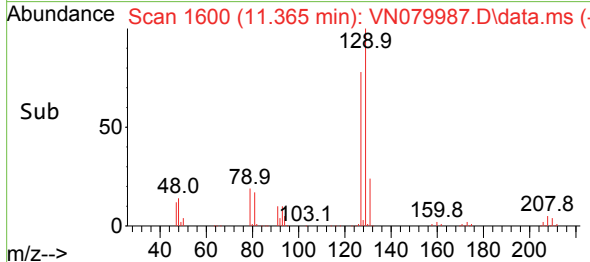
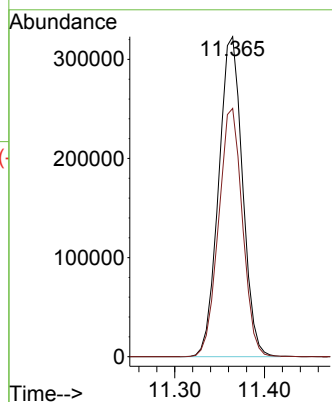
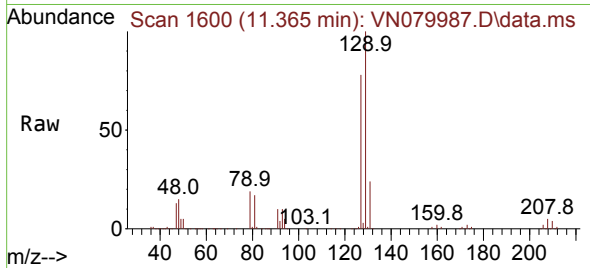




#53
Dibromochloromethane
Concen: 104.220 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

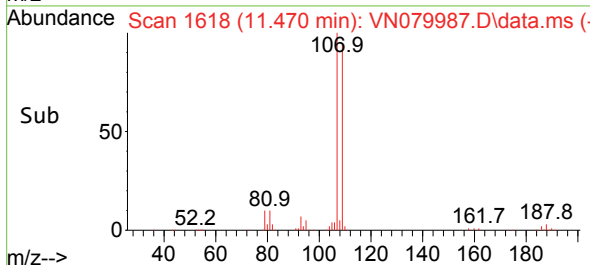
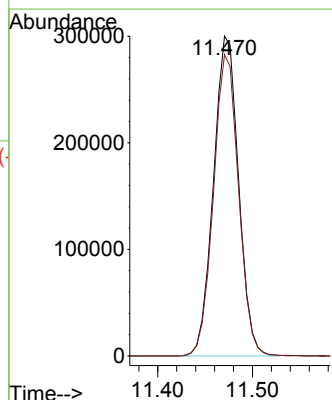
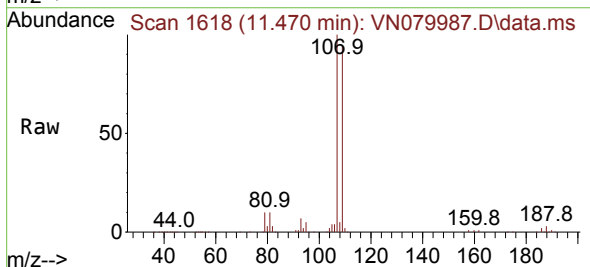
Instrument :
MSVOA_N
ClientSampleId :

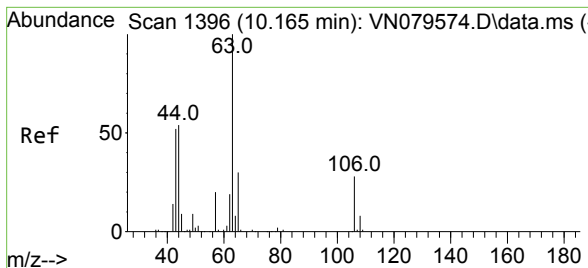
Tgt Ion:129 Resp: 596528
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3



#54
1,2-Dibromoethane
Concen: 102.777 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion:107 Resp: 552172
Ion Ratio Lower Upper
107 100
109 94.2 73.2 109.8

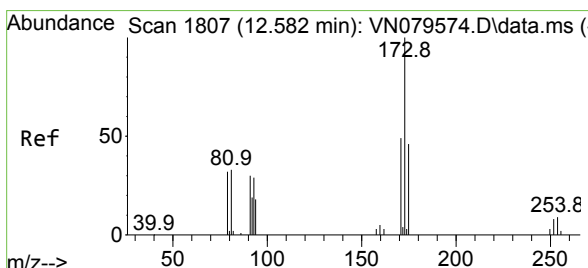
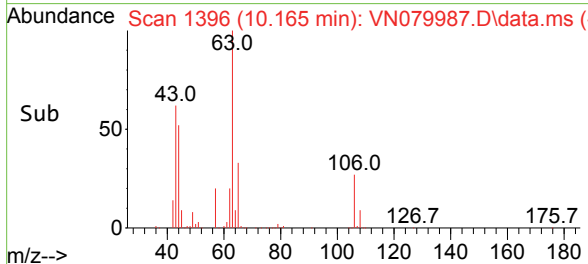
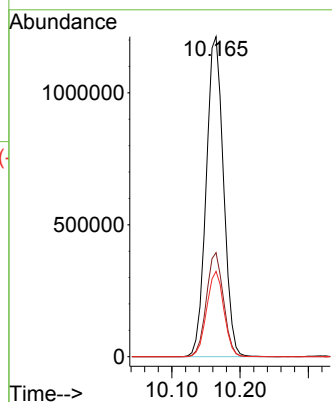
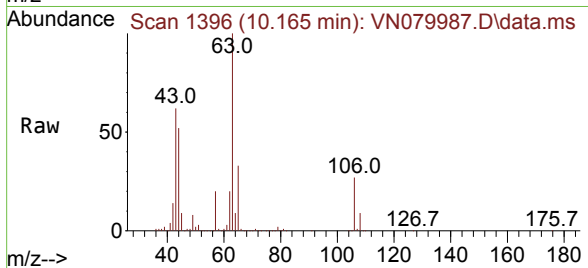




#55
2-Chloroethyl vinyl ether
Concen: 604.568 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

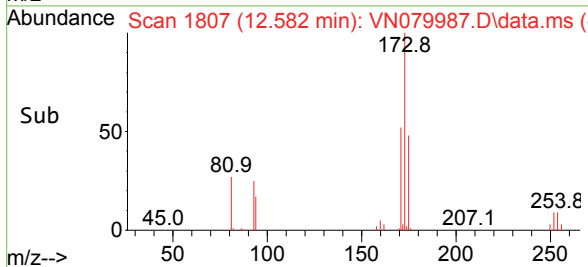
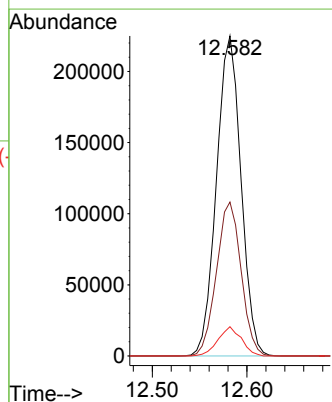
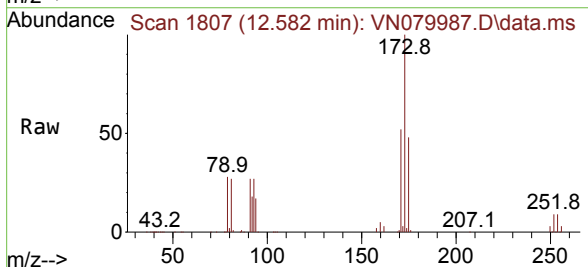
Instrument :
MSVOA_N
ClientSampleId :

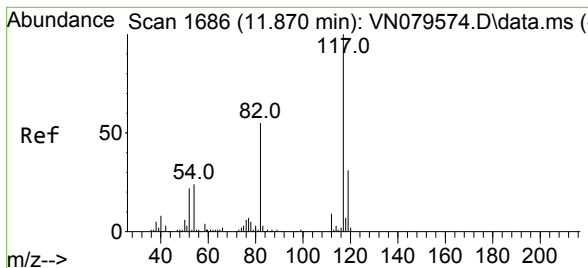
Tgt Ion: 63 Resp: 2138348
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 26.6 20.6 30.8



#56
Bromoform
Concen: 107.920 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion:173 Resp: 404777
Ion Ratio Lower Upper
173 100
175 48.3 37.9 56.9
254 8.8 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

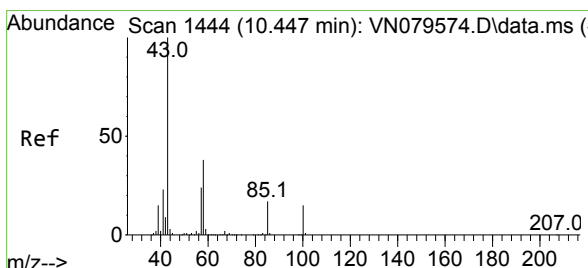
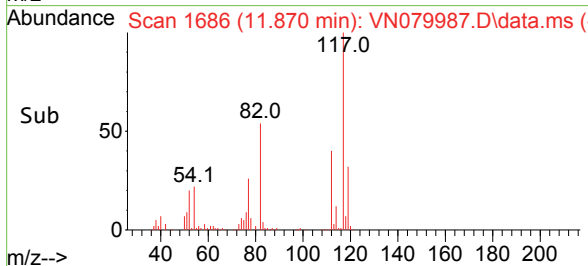
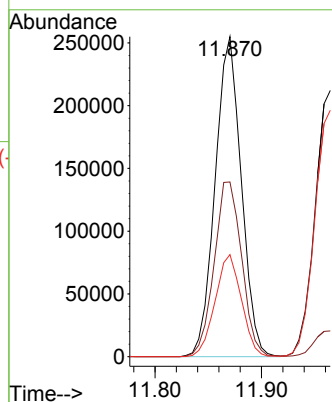
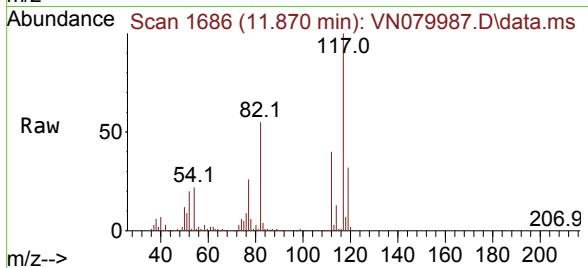
Tgt Ion:117 Resp: 434611

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.2

119 32.1 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 505.482 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

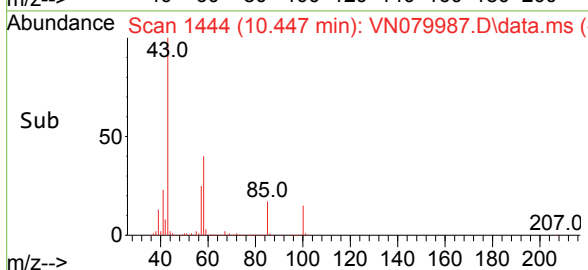
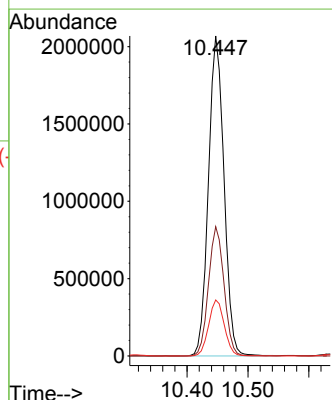
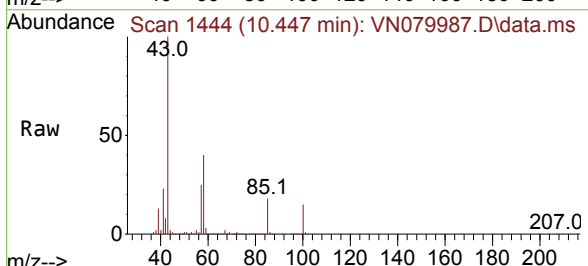
Tgt Ion: 43 Resp: 3670234

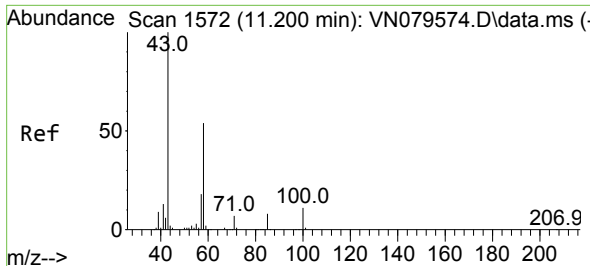
Ion Ratio Lower Upper

43 100

58 40.3 30.4 45.6

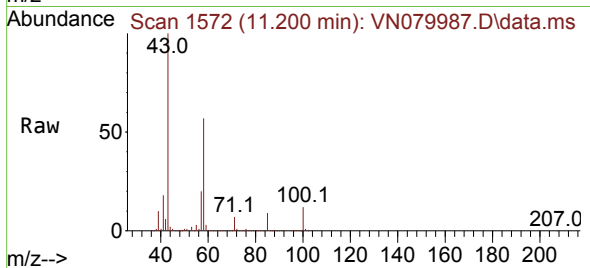
85 17.6 13.2 19.8





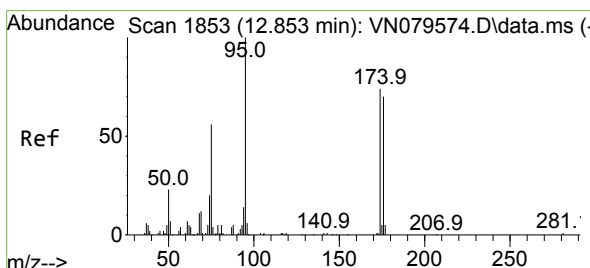
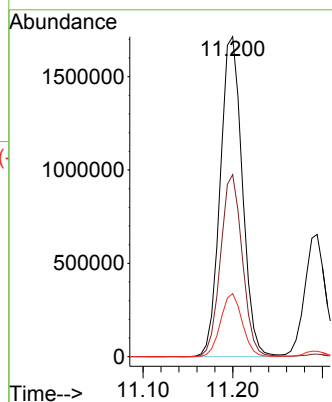
#59
2-Hexanone
Concen: 530.303 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 2933169

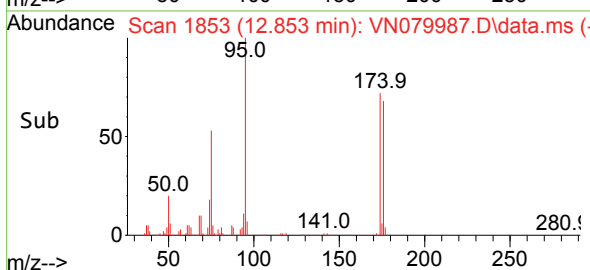
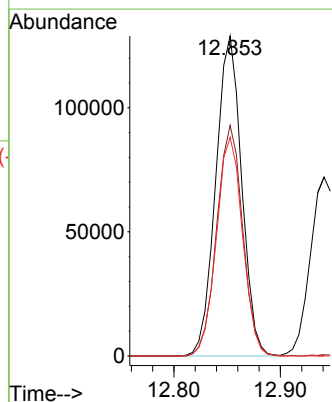
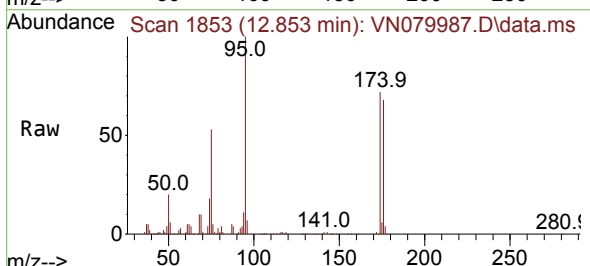
Ion	Ratio	Lower	Upper
43	100		
58	56.2	42.3	63.5
57	19.4	13.9	20.9

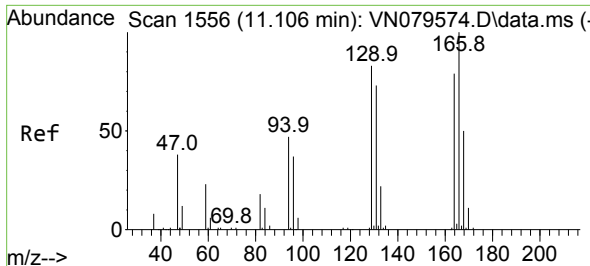


#60
4-Bromofluorobenzene
Concen: 31.325 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 95 Resp: 217713

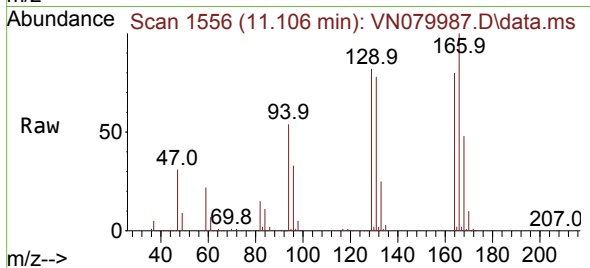
Ion	Ratio	Lower	Upper
95	100		
174	72.1	60.5	90.7
176	68.9	57.2	85.8



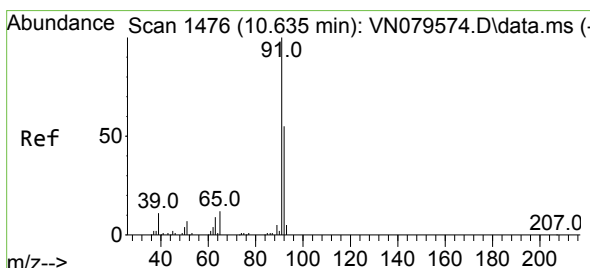
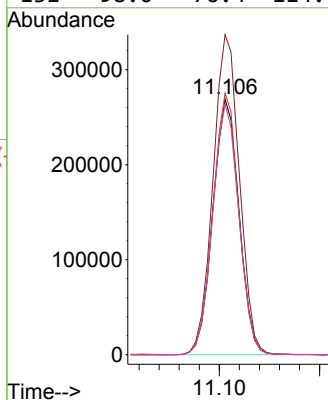
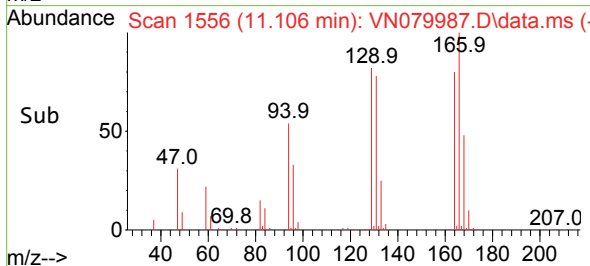


#61
Tetrachloroethene
Concen: 95.700 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Instrument :
MSVOA_N
ClientSampleId :

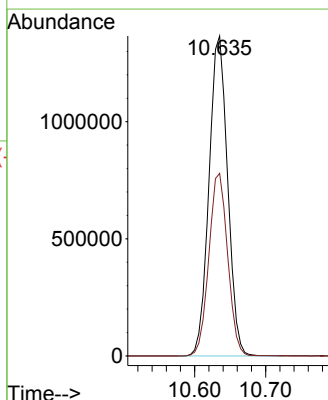
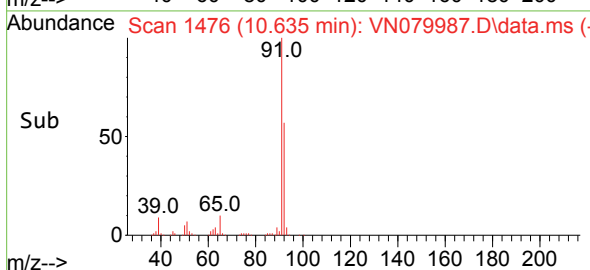
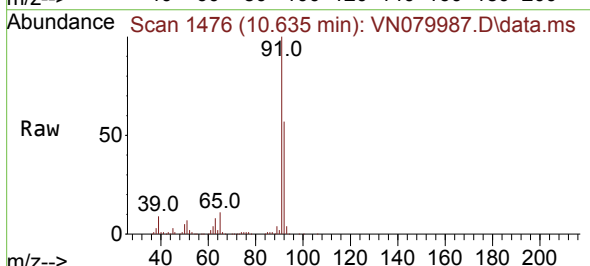


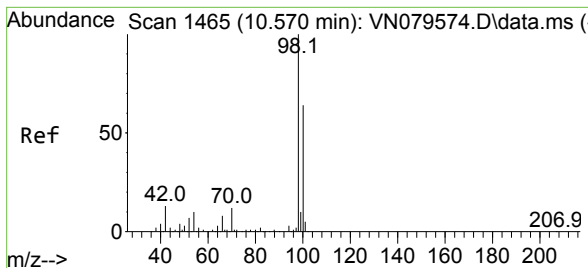
Tgt Ion:164 Resp: 487628
Ion Ratio Lower Upper
164 100
166 125.2 98.2 147.4
129 102.3 75.0 112.4
131 98.0 76.4 114.6



#62
Toluene
Concen: 98.772 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 91 Resp: 2482786
Ion Ratio Lower Upper
91 100
92 57.7 45.3 67.9





#63

Toluene-d8

Concen: 29.254 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

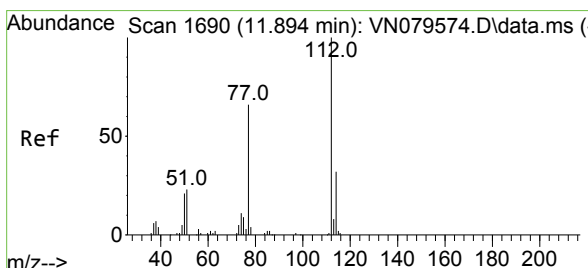
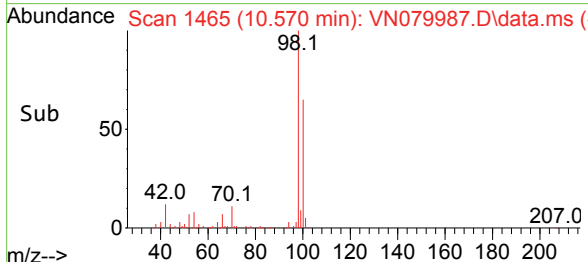
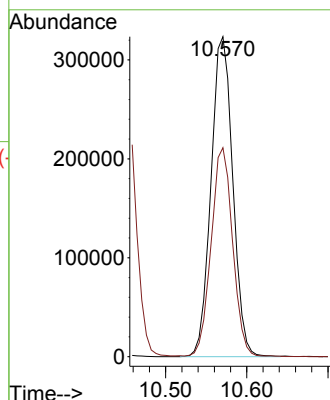
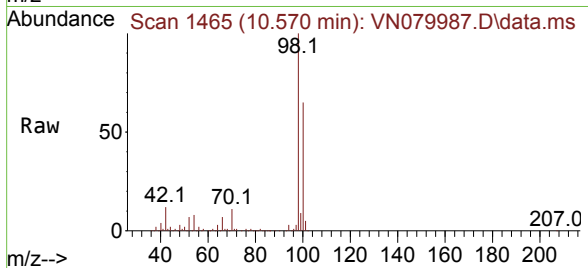
ClientSampleId :

Tgt Ion: 98 Resp: 602416

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#64

Chlorobenzene

Concen: 99.320 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079987.D

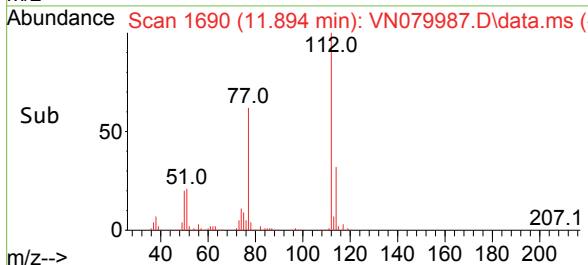
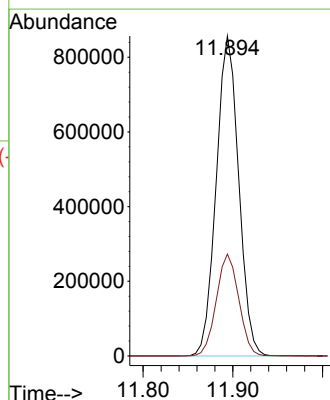
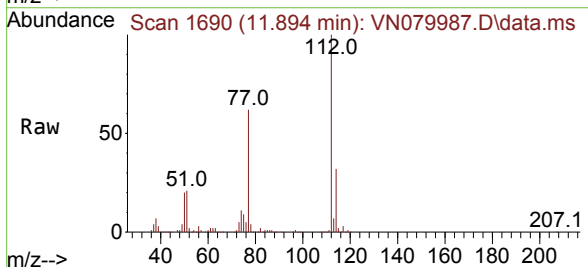
Acq: 08 Nov 2023 12:45

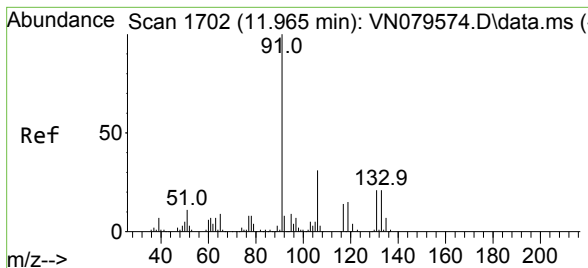
Tgt Ion: 112 Resp: 1489868

Ion Ratio Lower Upper

112 100

114 31.8 28.1 42.1

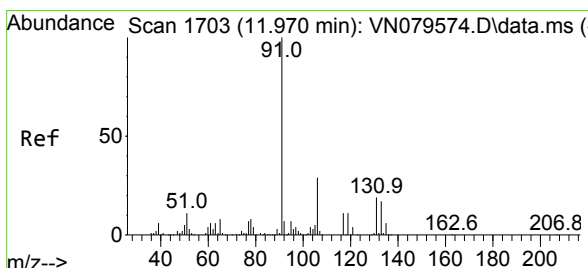
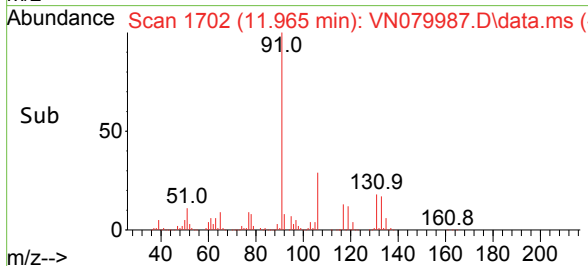
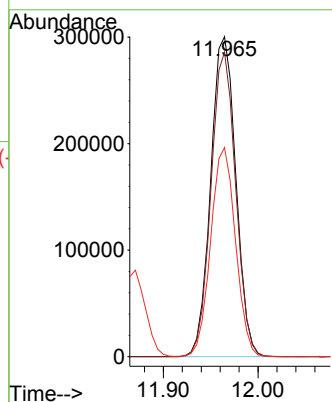
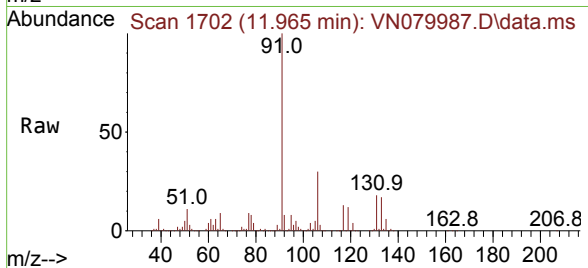




#65
1,1,1,2-Tetrachloroethane
Concen: 100.381 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

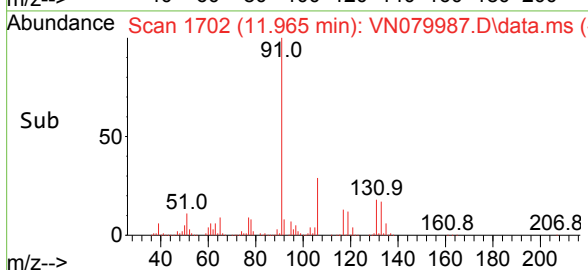
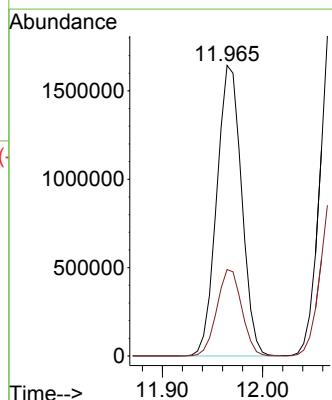
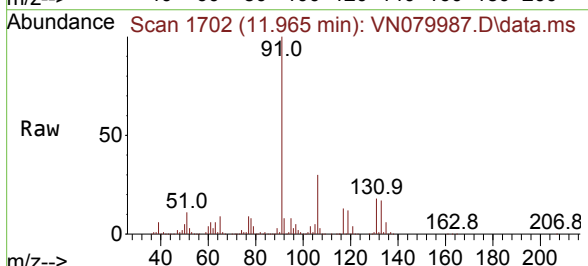
Instrument :
MSVOA_N
ClientSampleId :

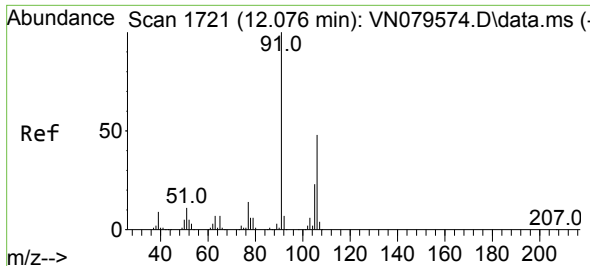
Tgt Ion:131 Resp: 552357
Ion Ratio Lower Upper
131 100
133 93.6 0.0 196.0
119 64.6 0.0 135.6



#66
Ethyl Benzene
Concen: 107.235 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 91 Resp: 2832545
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

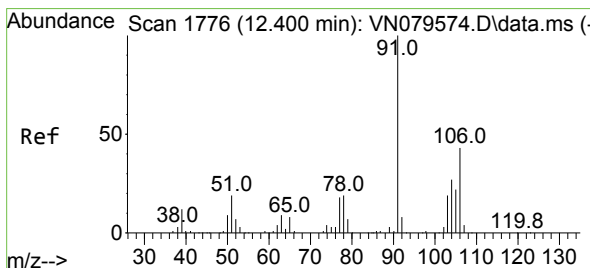
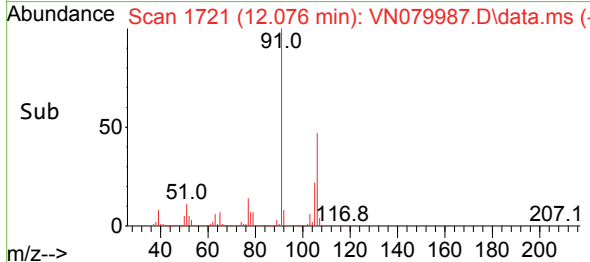
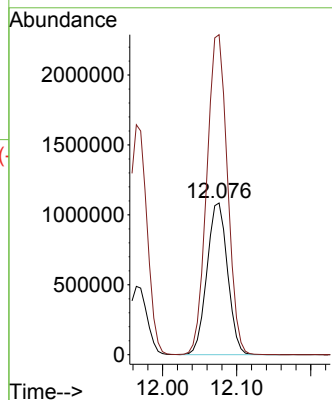
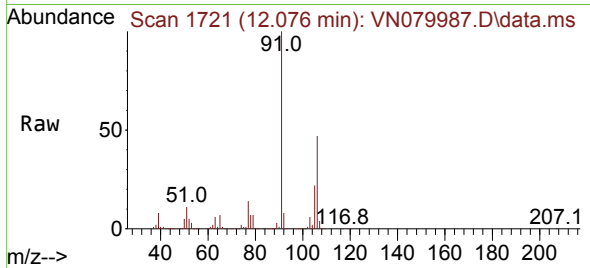




#67
m/p-Xylenes
Concen: 213.207 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

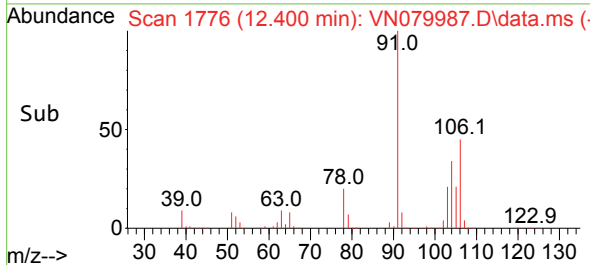
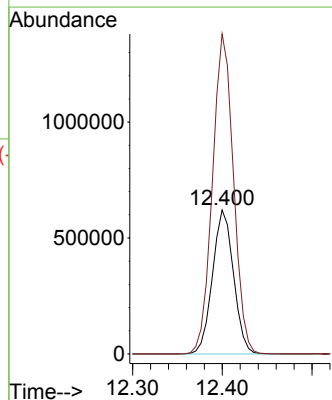
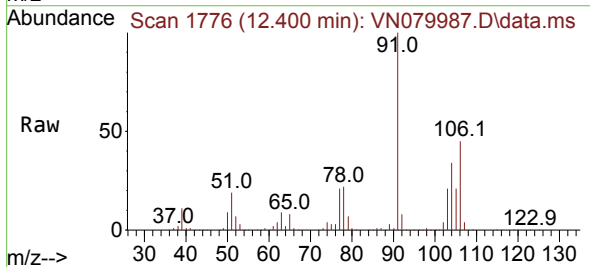
Instrument :
MSVOA_N
ClientSampleId :

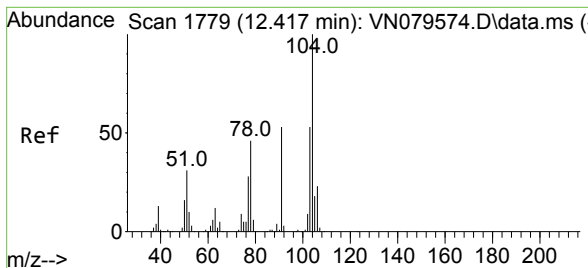
Tgt Ion:106 Resp: 2096672
Ion Ratio Lower Upper
106 100
91 211.3 161.8 242.6



#68
o-Xylene
Concen: 107.179 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion:106 Resp: 1010266
Ion Ratio Lower Upper
106 100
91 222.3 109.9 329.7





#69

Styrene

Concen: 110.751 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

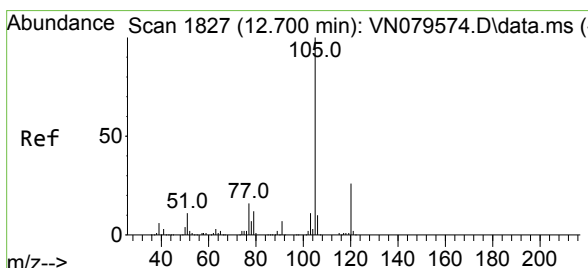
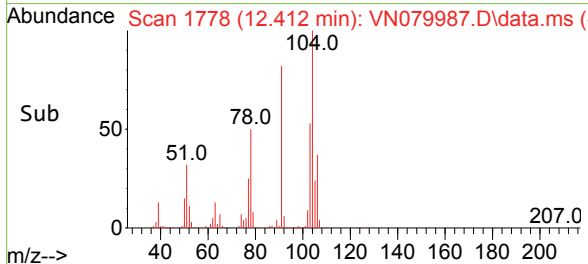
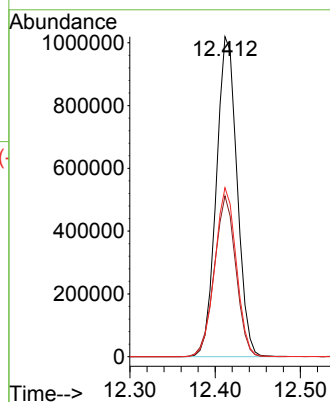
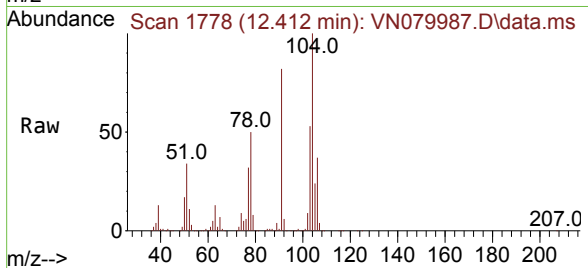
Tgt Ion:104 Resp: 1728113

Ion Ratio Lower Upper

104 100

78 52.1 41.2 61.8

103 54.9 43.1 64.7



#70

Isopropylbenzene

Concen: 109.070 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079987.D

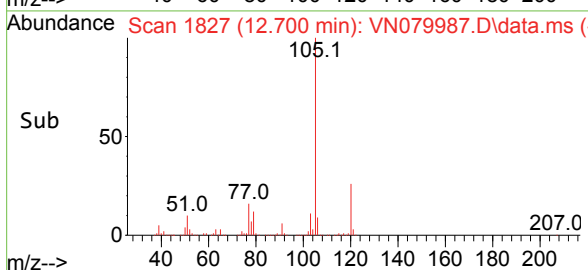
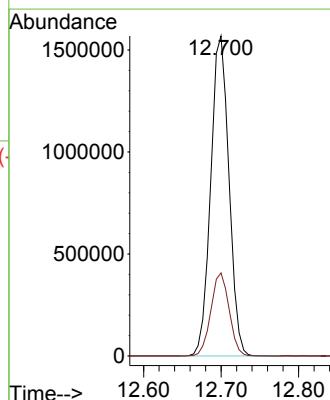
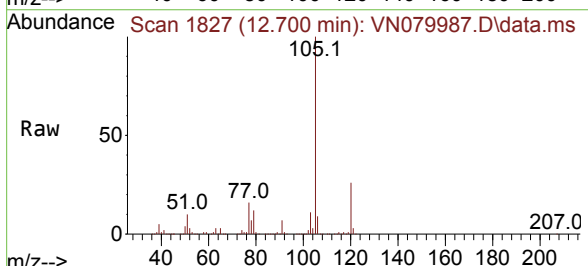
Acq: 08 Nov 2023 12:45

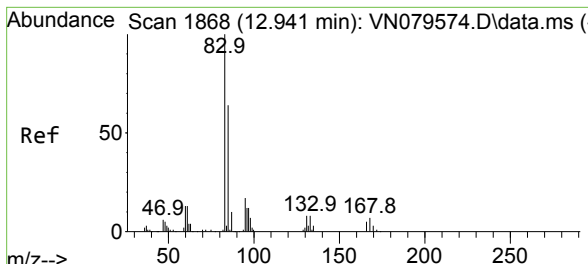
Tgt Ion:105 Resp: 2564440

Ion Ratio Lower Upper

105 100

120 25.9 18.1 33.5

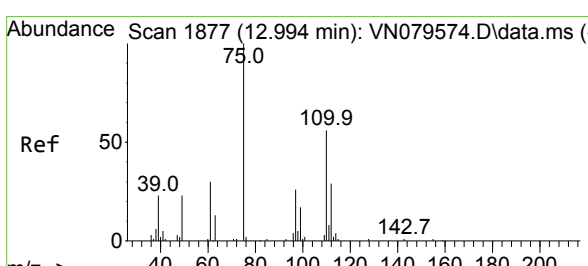
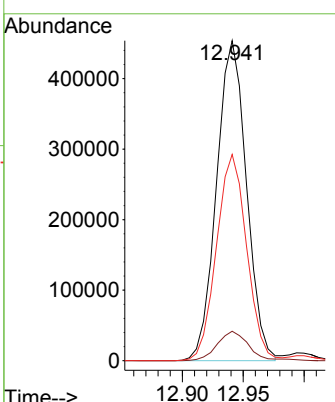
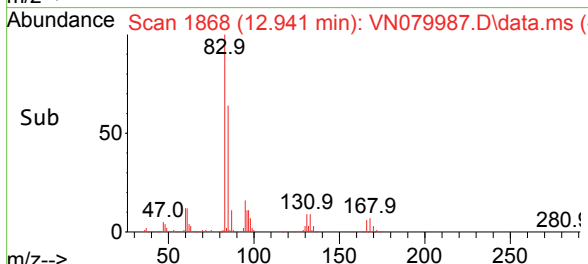
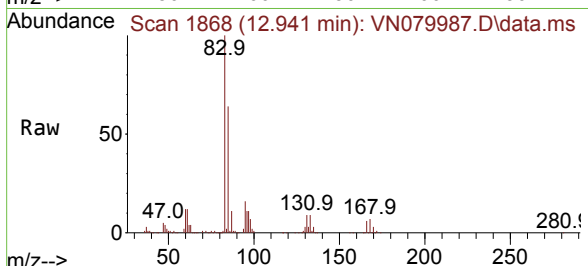




#71
 1,1,2,2-Tetrachloroethane
 Concen: 96.974 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

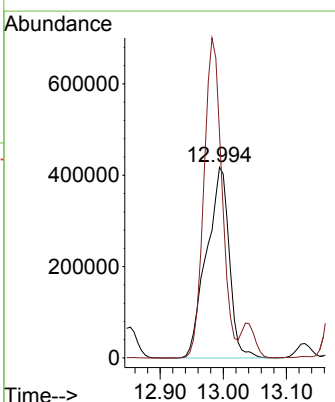
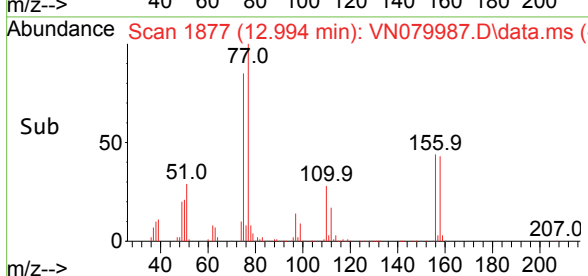
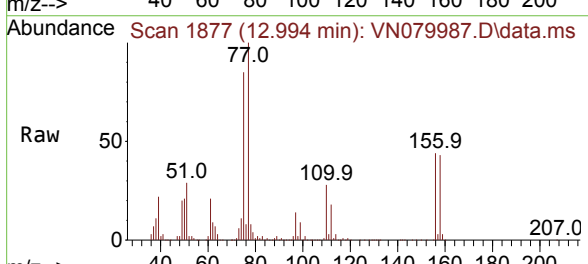
Instrument :
 MSVOA_N
 ClientSampleId :

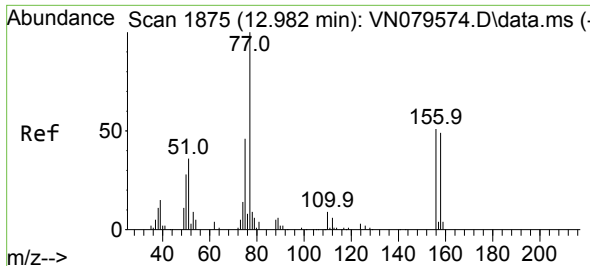
Tgt Ion:	83	Resp:	776588
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.5	13.4
85	65.1	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 101.694 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079987.D
 Acq: 08 Nov 2023 12:45

Tgt Ion:	75	Resp:	1043196
Ion Ratio	Lower	Upper	
75	100		
77	133.4	0.0	338.2

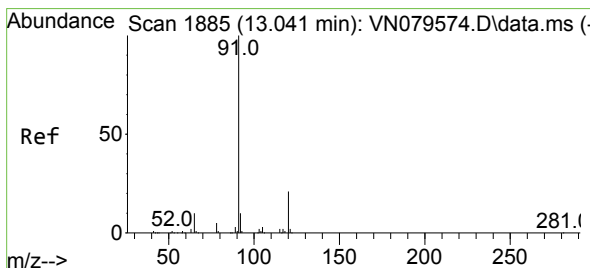
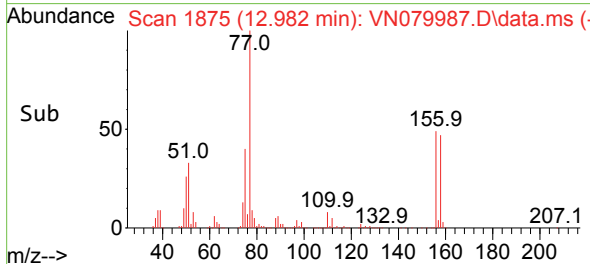
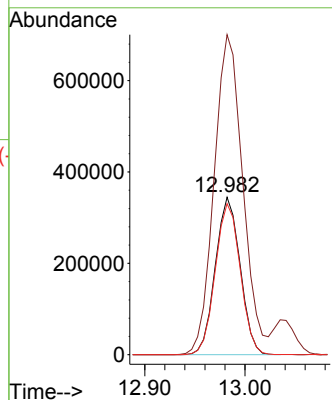
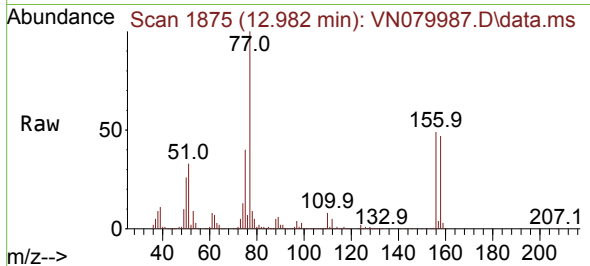




#73
Bromobenzene
Concen: 102.250 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

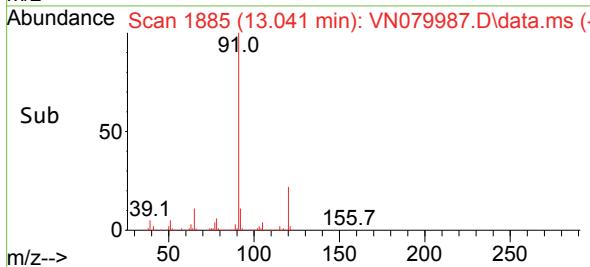
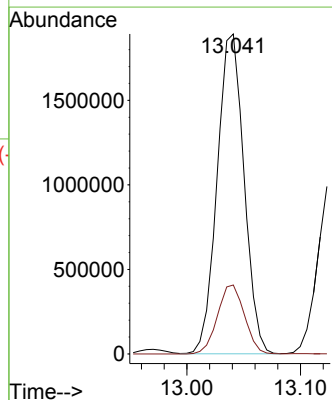
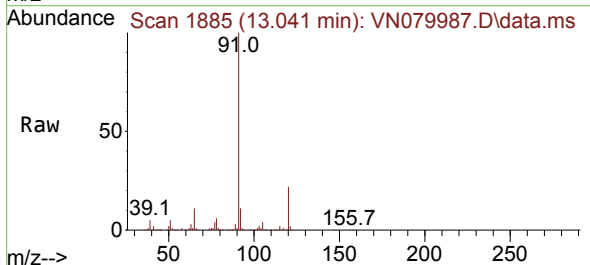
Instrument :
MSVOA_N
ClientSampleId :

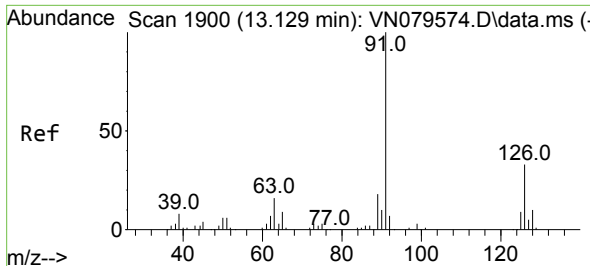
Tgt Ion	Ratio	Lower	Upper
156	100		
77	235.5	0.0	448.2
158	96.5	0.0	194.8



#74
n-propylbenzene
Concen: 110.635 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	42.0

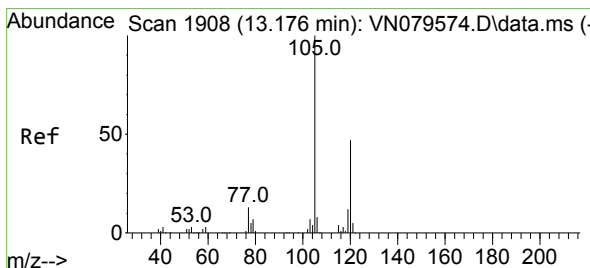
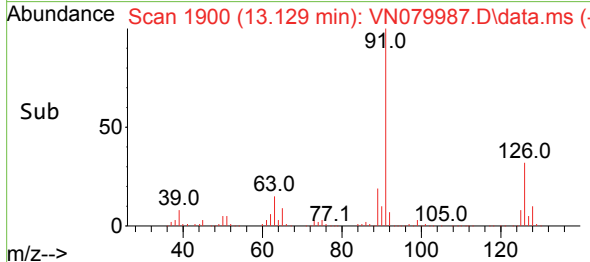
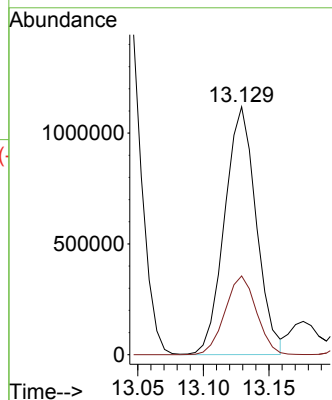
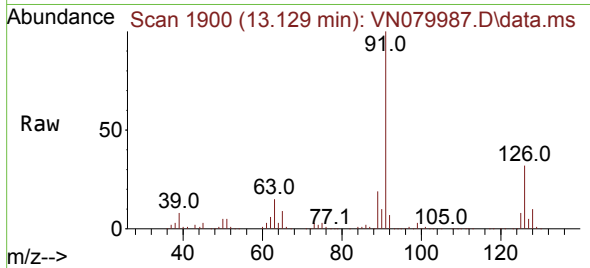




#75
2-Chlorotoluene
Concen: 105.027 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

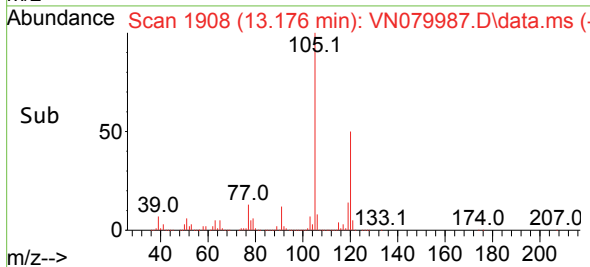
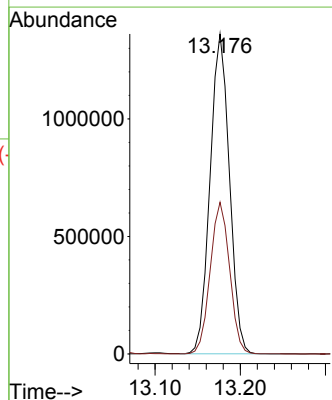
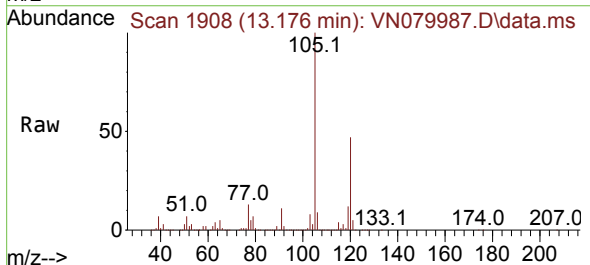
Instrument :
MSVOA_N
ClientSampleId :

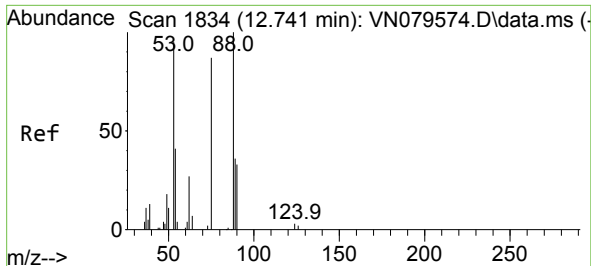
Tgt Ion: 91 Resp: 1877699
Ion Ratio Lower Upper
91 100
126 31.5 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 110.390 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion:105 Resp: 2146757
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.2

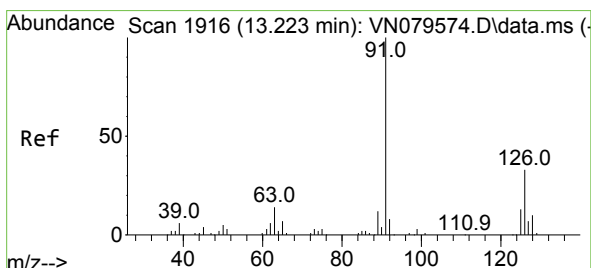
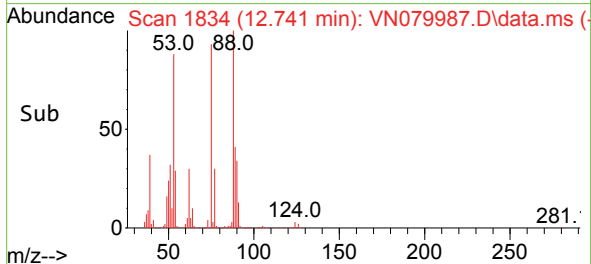
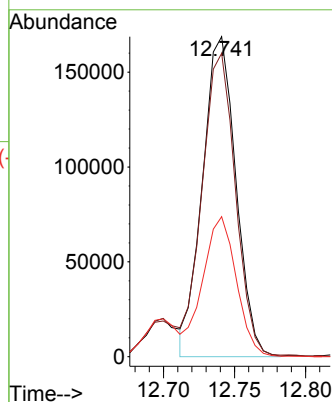
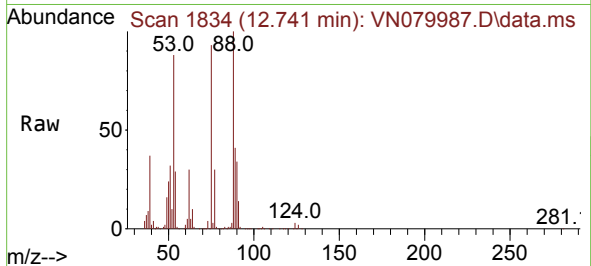




#77
t-1,4-Dichloro-2-butene
Concen: 113.509 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

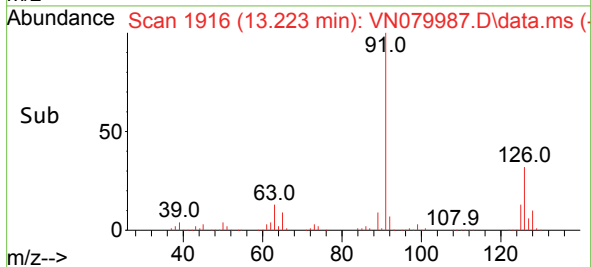
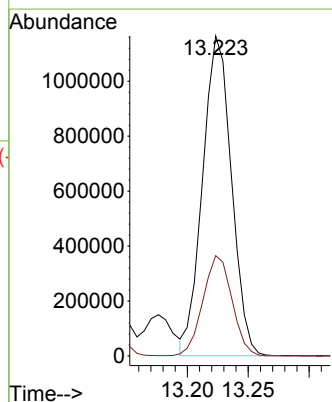
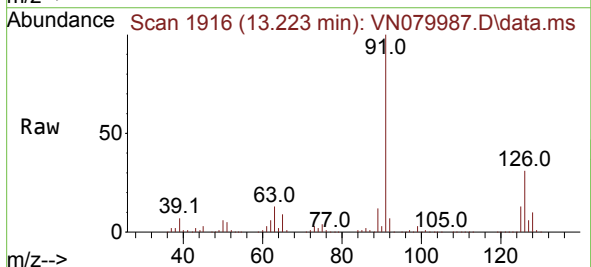
Instrument :
MSVOA_N
ClientSampleId :

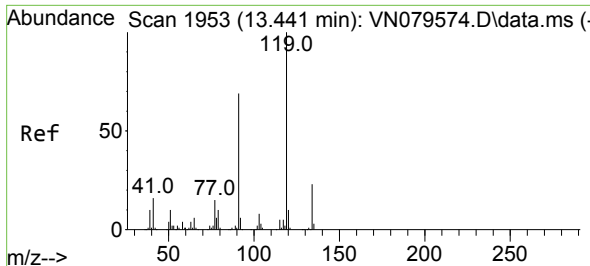
Tgt Ion: 75 Resp: 276554
Ion Ratio Lower Upper
75 100
53 94.5 53.0 159.1
89 43.7 22.6 67.7



#78
4-Chlorotoluene
Concen: 108.386 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 91 Resp: 1924530
Ion Ratio Lower Upper
91 100
126 31.6 0.0 65.4

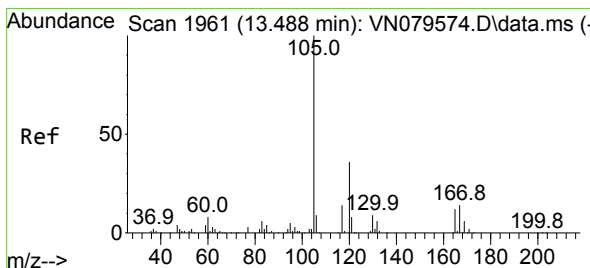
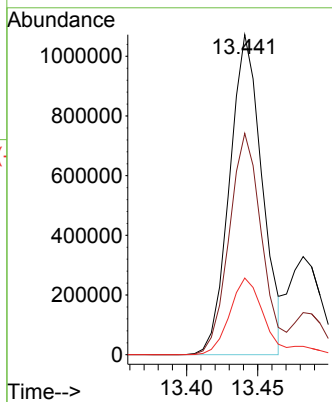
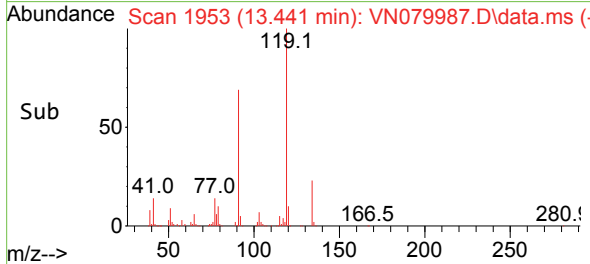
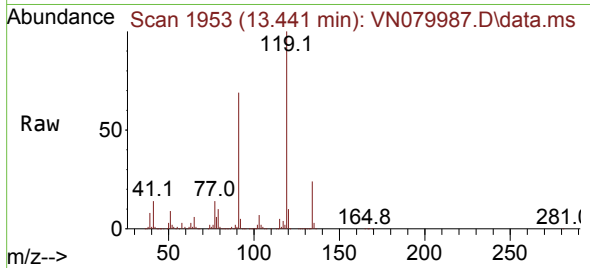




#79
tert-butylbenzene
Concen: 112.388 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

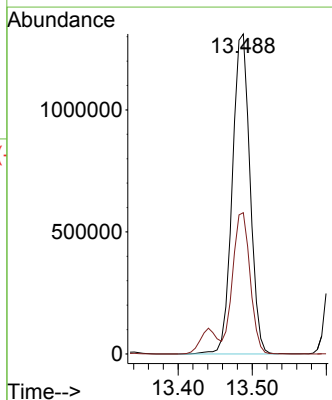
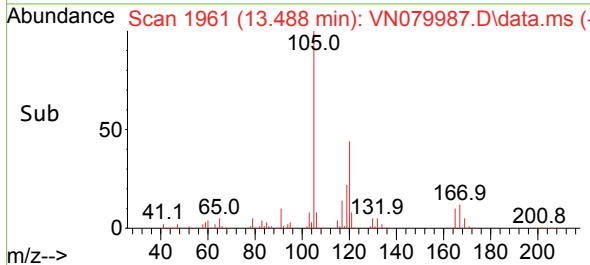
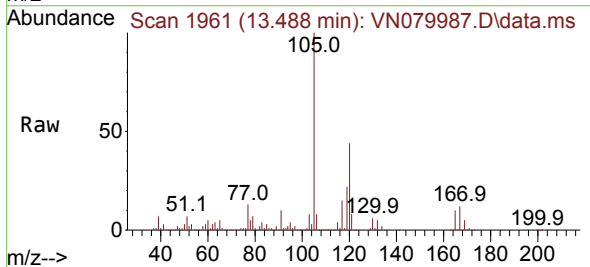
Instrument :
MSVOA_N
ClientSampleId :

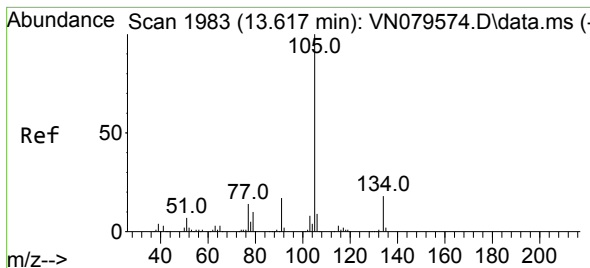
Tgt Ion:119 Resp: 1711656
Ion Ratio Lower Upper
119 100
91 69.6 0.0 140.6
134 24.3 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 113.710 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion:105 Resp: 2168342
Ion Ratio Lower Upper
105 100
120 43.6 0.0 88.6





#81

sec-Butylbenzene

Concen: 111.910 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

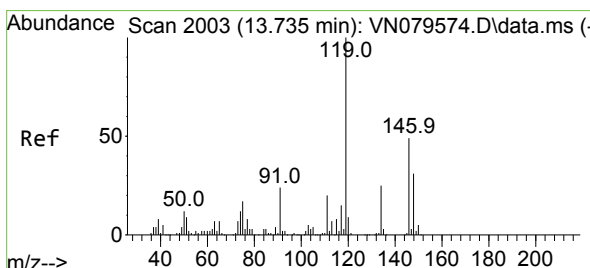
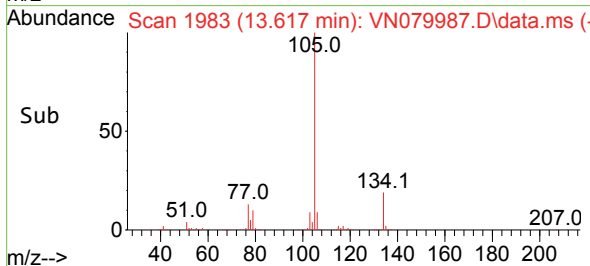
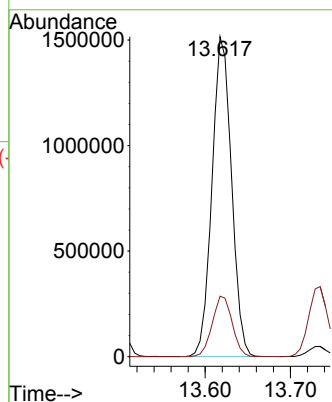
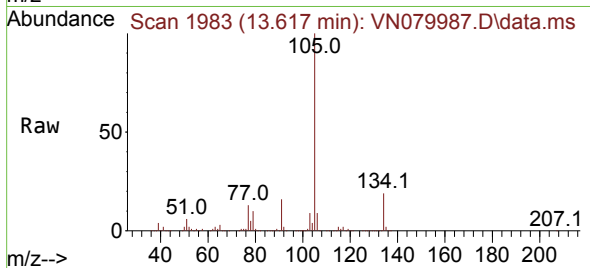
ClientSampleId :

Tgt Ion:105 Resp: 2405860

Ion Ratio Lower Upper

105 100

134 19.3 0.0 38.2



#82

p-Isopropyltoluene

Concen: 117.256 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

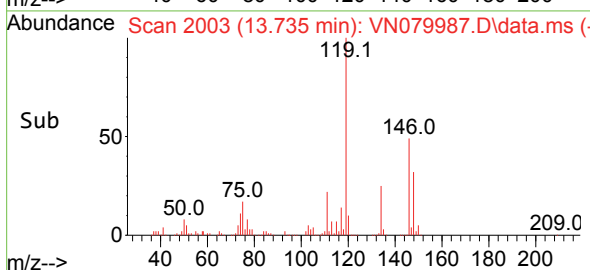
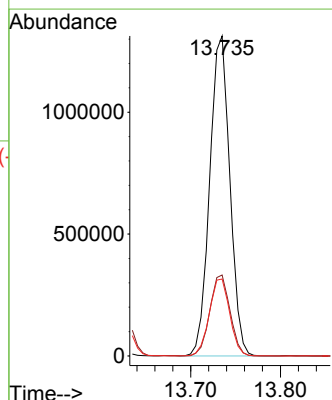
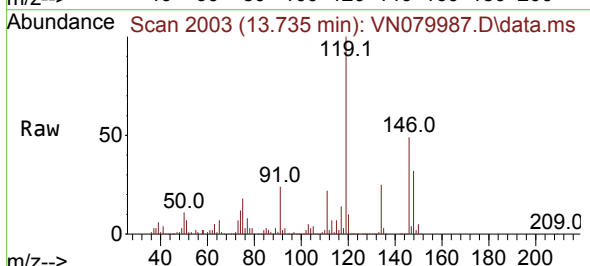
Tgt Ion:119 Resp: 2047216

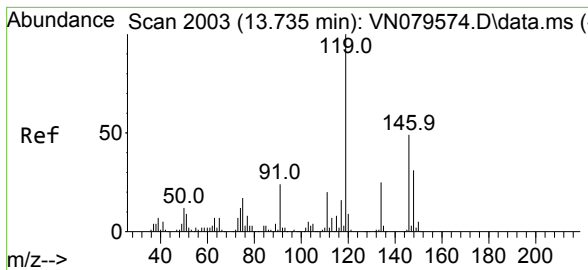
Ion Ratio Lower Upper

119 100

134 25.4 0.0 52.2

91 24.3 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 105.488 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

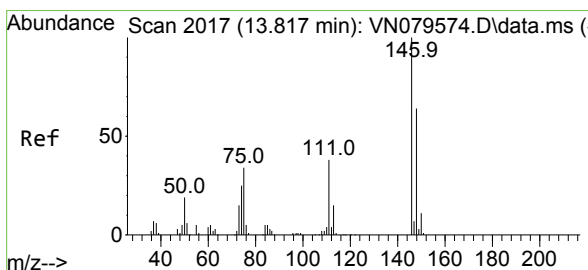
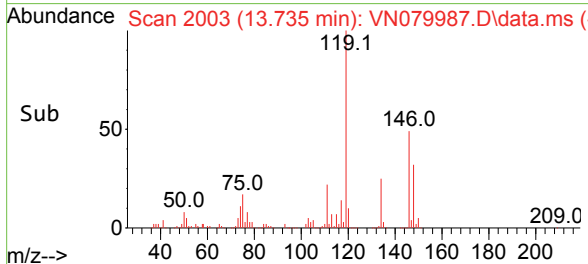
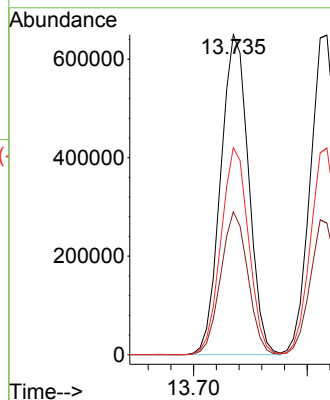
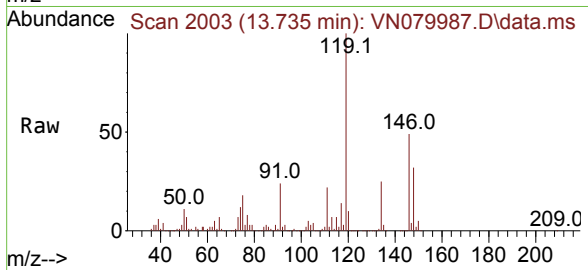
Tgt Ion:146 Resp: 1111067

Ion Ratio Lower Upper

146 100

111 43.4 21.0 63.0

148 63.9 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 105.896 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

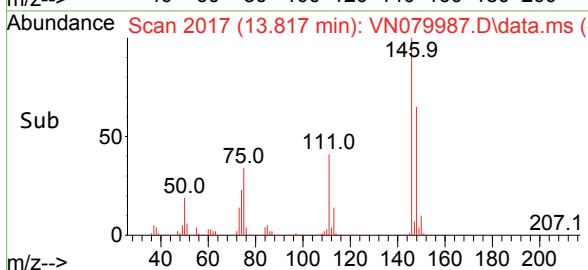
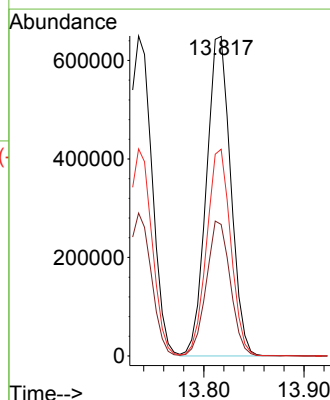
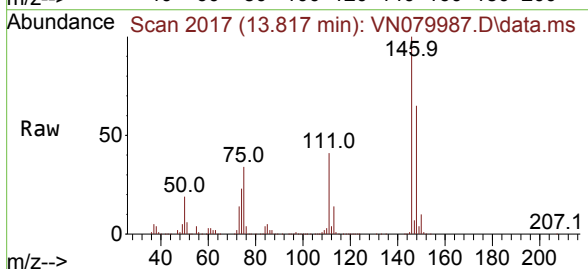
Tgt Ion:146 Resp: 1094761

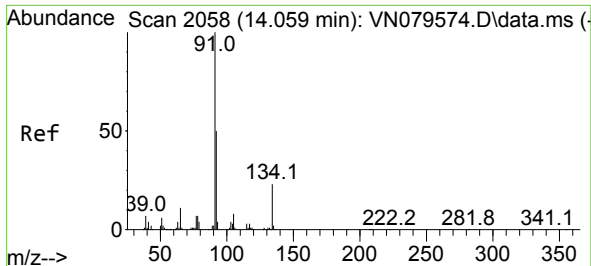
Ion Ratio Lower Upper

146 100

111 41.6 19.9 59.7

148 64.2 32.6 97.7

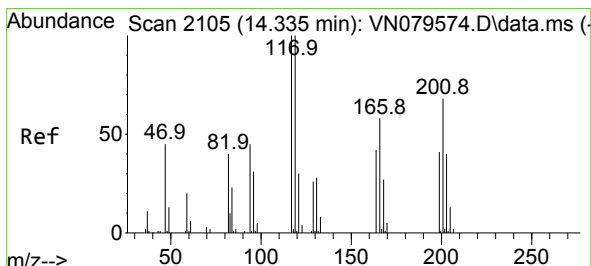
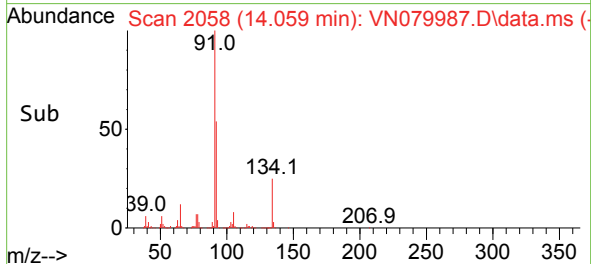
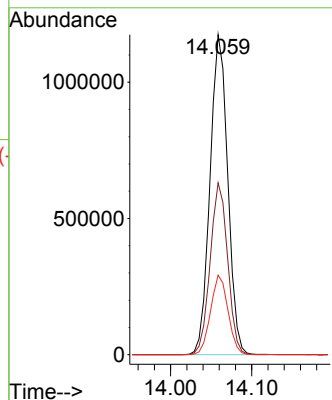
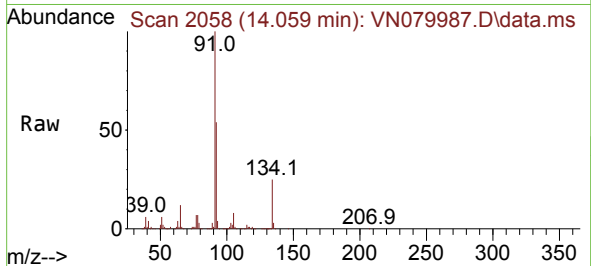




#85
n-Butylbenzene
Concen: 121.776 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

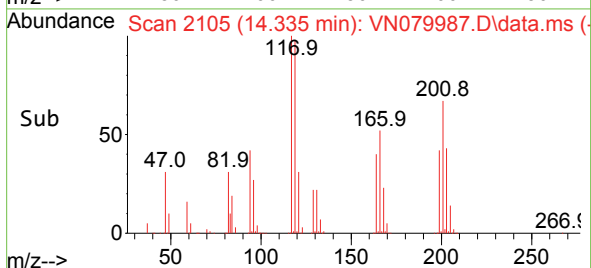
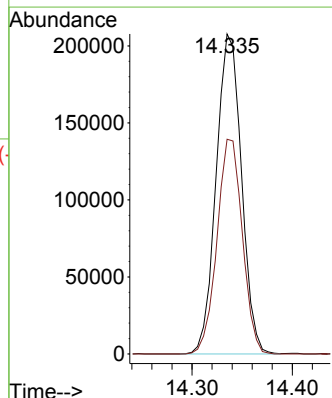
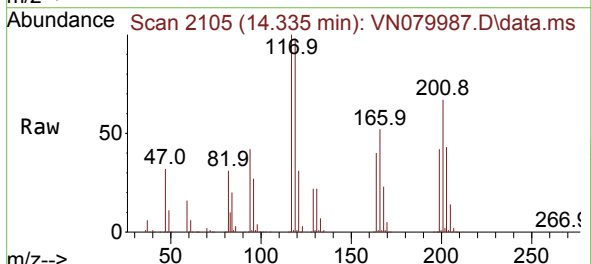
Instrument :
MSVOA_N
ClientSampleId :

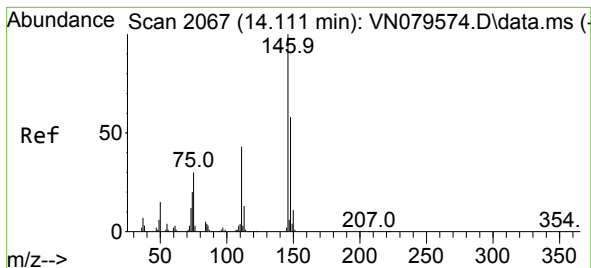
Tgt Ion: 91 Resp: 1778233
Ion Ratio Lower Upper
91 100
92 53.0 0.0 99.6
134 24.4 0.0 46.2



#86
Hexachloroethane
Concen: 107.160 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079987.D
Acq: 08 Nov 2023 12:45

Tgt Ion: 117 Resp: 363815
Ion Ratio Lower Upper
117 100
201 67.1 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 104.379 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

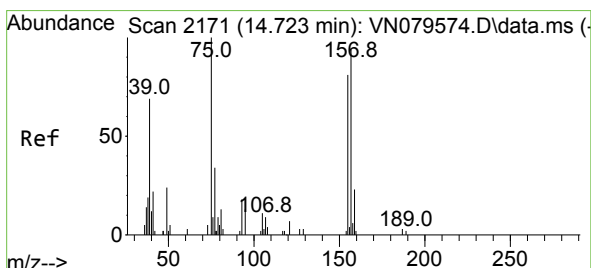
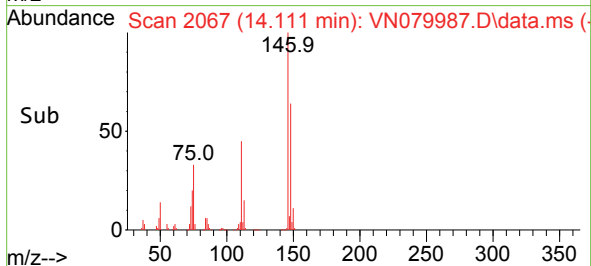
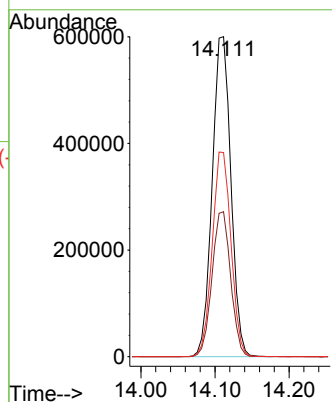
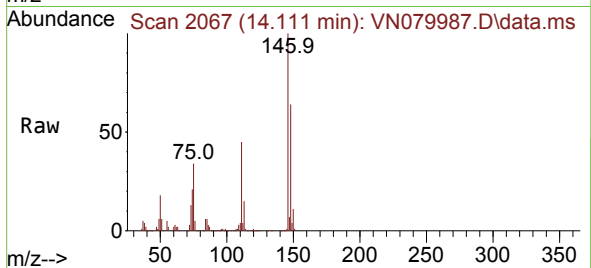
Tgt Ion:146 Resp: 1050320

Ion Ratio Lower Upper

146 100

111 45.2 22.0 66.0

148 64.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 101.968 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

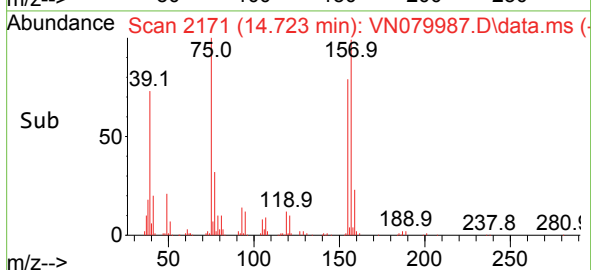
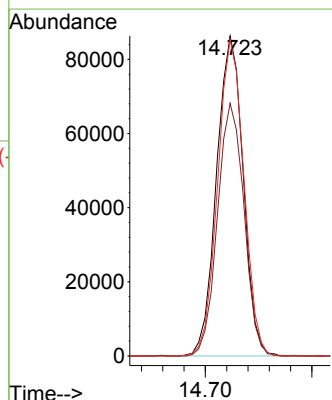
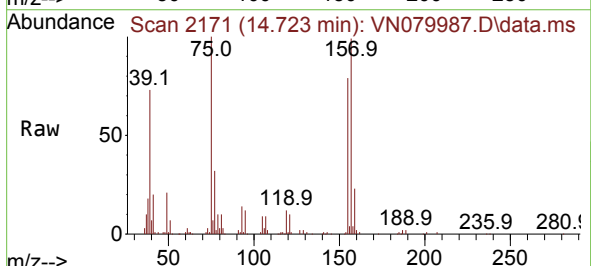
Tgt Ion: 75 Resp: 149329

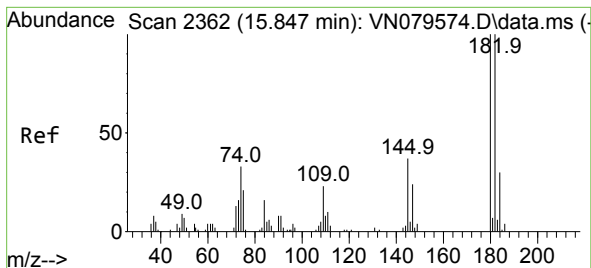
Ion Ratio Lower Upper

75 100

155 78.8 60.7 91.1

157 97.4 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 106.674 ug/l

RT: 15.841 min Scan# 2362

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

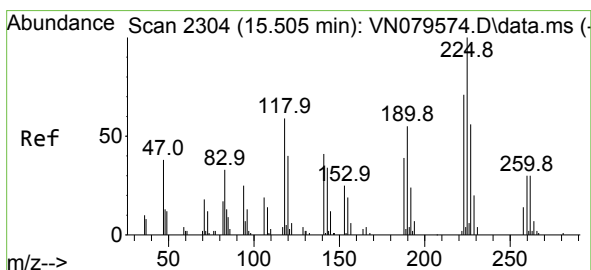
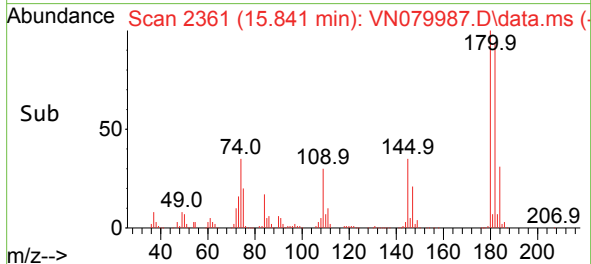
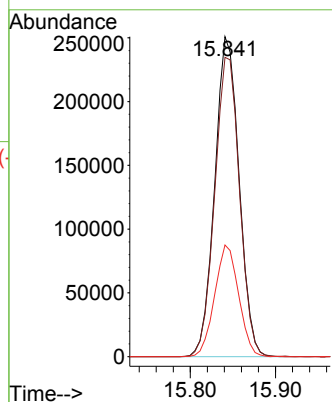
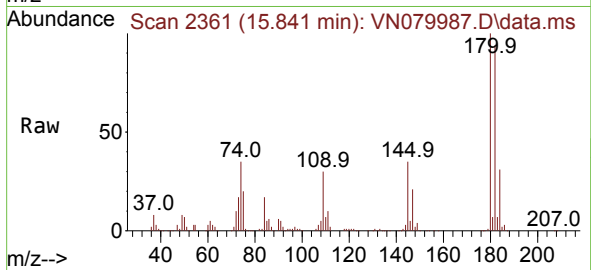
Tgt Ion:180 Resp: 497281

Ion Ratio Lower Upper

180 100

182 95.5 74.2 111.4

145 34.4 25.4 38.2



#90

Hexachlorobutadiene

Concen: 100.095 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

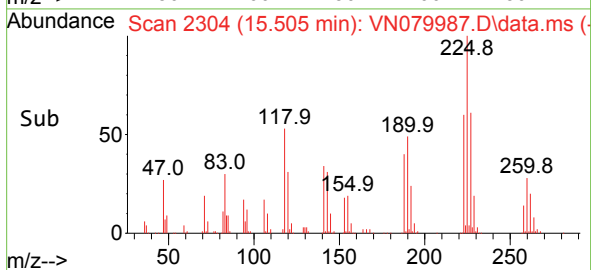
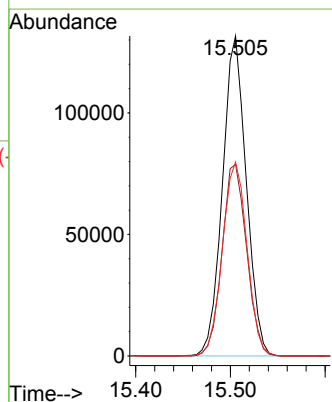
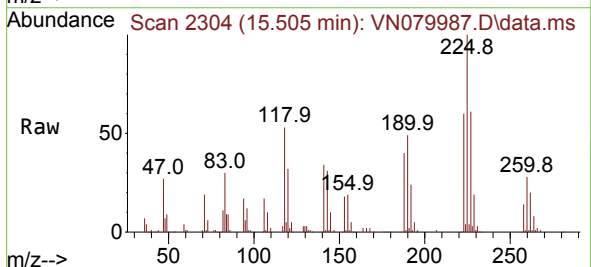
Tgt Ion:225 Resp: 229963

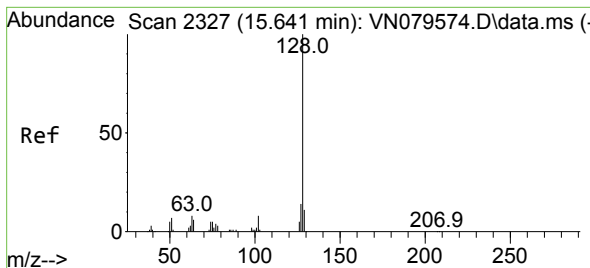
Ion Ratio Lower Upper

225 100

223 61.8 0.0 126.0

227 62.6 0.0 127.0





#91

Naphthalene

Concen: 113.302 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

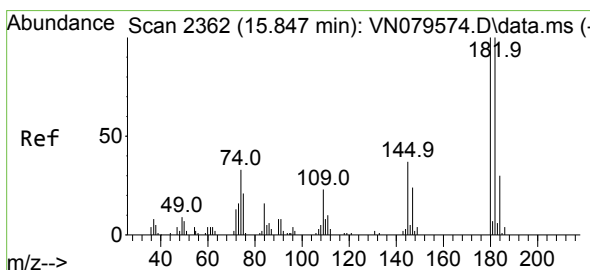
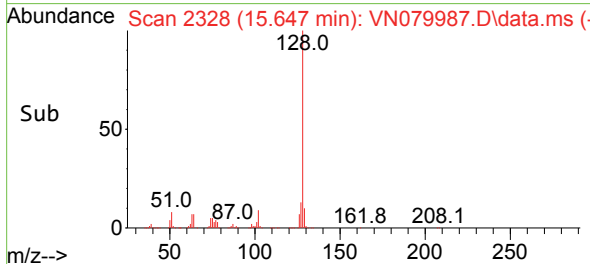
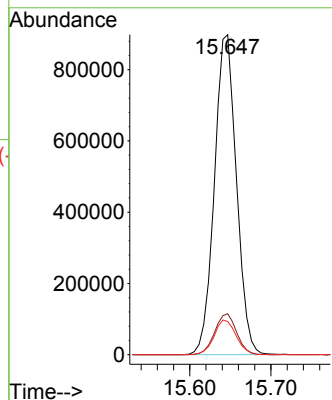
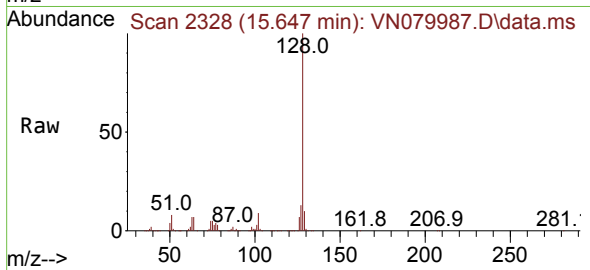
Tgt Ion:128 Resp: 1695006

Ion Ratio Lower Upper

128 100

127 12.7 10.9 16.3

129 10.8 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 106.674 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079987.D

Acq: 08 Nov 2023 12:45

Tgt Ion:180 Resp: 497281

Ion Ratio Lower Upper

180 100

182 95.5 0.0 185.6

145 34.4 0.0 63.6

