

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080861.D
 Acq On : 01 Feb 2024 11:39
 Operator : JC\MD
 Sample : VN0201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Quant Time: Feb 02 03:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	93695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	171568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88395	54.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	8.171	113	59371	49.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.460%	
50) Toluene-d8	10.565	98	233393	49.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.853	95	83017	50.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27657	19.873	ug/l	98
3) Chloromethane	2.359	50	44732	21.383	ug/l	96
4) Vinyl Chloride	2.512	62	33602	21.128	ug/l	93
5) Bromomethane	2.965	94	13848	21.769	ug/l	99
6) Chloroethane	3.124	64	20462	24.132	ug/l	99
7) Trichlorofluoromethane	3.495	101	56385	27.394	ug/l	93
8) Diethyl Ether	3.953	74	23607	24.862	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	24821	20.680	ug/l	98
10) Methyl Iodide	4.583	142	20007	19.746	ug/l	94
11) Tert butyl alcohol	5.512	59	25862	97.879	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	25891	19.687	ug/l	88
13) Acrolein	4.165	56	41224	123.721	ug/l	100
14) Allyl chloride	5.024	41	54754	21.063	ug/l	98
15) Acrylonitrile	5.718	53	87167	109.692	ug/l	97
16) Acetone	4.418	43	67394	114.644	ug/l	99
17) Carbon Disulfide	4.712	76	77770	18.994	ug/l	97
18) Methyl Acetate	5.024	43	46983	22.933	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	99741	21.523	ug/l	98
20) Methylene Chloride	5.277	84	31909	20.678	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	28790	20.149	ug/l #	85
22) Diisopropyl ether	6.665	45	127868	22.293	ug/l	94
23) Vinyl Acetate	6.600	43	525983	126.740	ug/l	98
24) 1,1-Dichloroethane	6.571	63	62745	21.570	ug/l	98
25) 2-Butanone	7.477	43	117649	105.365	ug/l	96
26) 2,2-Dichloropropane	7.488	77	48279	20.535	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	35051	21.192	ug/l	97
28) Bromochloromethane	7.818	49	35851	23.279	ug/l	98
29) Tetrahydrofuran	7.835	42	80579	106.650	ug/l	96
30) Chloroform	7.965	83	56919	21.062	ug/l #	83
31) Cyclohexane	8.253	56	53407	19.215	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	44799	20.442	ug/l	95
36) 1,1-Dichloropropene	8.371	75	43080	19.413	ug/l	98
37) Ethyl Acetate	7.559	43	49860	21.827	ug/l	98
38) Carbon Tetrachloride	8.365	117	33561	18.771	ug/l	98
39) Methylcyclohexane	9.606	83	42286	19.172	ug/l	98
40) Benzene	8.606	78	131644	20.184	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27460	20.395	ug/l	95
42) 1,2-Dichloroethane	8.665	62	47481	22.346	ug/l	99
43) Isopropyl Acetate	8.688	43	86643	20.832	ug/l	98
44) Trichloroethene	9.347	130	26764	18.631	ug/l	85
45) 1,2-Dichloropropane	9.624	63	35909	20.345	ug/l	98
46) Dibromomethane	9.706	93	22624	21.623	ug/l	96
47) Bromodichloromethane	9.888	83	43865	20.649	ug/l	90
48) Methyl methacrylate	9.682	41	41056	20.362	ug/l	97
49) 1,4-Dioxane	9.688	88	10083	415.158	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	246502	106.023	ug/l	99
52) Toluene	10.629	92	75678	20.237	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	49488	19.998	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	56068	20.835	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	29123	20.265	ug/l	88
56) Ethyl methacrylate	10.876	69	51388	23.260	ug/l	98
57) 1,3-Dichloropropane	11.159	76	57644	21.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	148441	115.257	ug/l	100
59) 2-Hexanone	11.194	43	188585	104.422	ug/l	95
60) Dibromochloromethane	11.365	129	26081	19.511	ug/l	97
61) 1,2-Dibromoethane	11.471	107	28742	21.340	ug/l	99
64) Tetrachloroethene	11.100	164	21356	18.938	ug/l	91
65) Chlorobenzene	11.894	112	74500	19.896	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	23999	19.709	ug/l	97
67) Ethyl Benzene	11.965	91	139373	20.026	ug/l	98
68) m/p-Xylenes	12.070	106	98866	40.001	ug/l	99
69) o-Xylene	12.400	106	50576	20.594	ug/l	94
70) Styrene	12.412	104	80389	20.382	ug/l	99
71) Bromoform	12.582	173	15287	18.568	ug/l #	95
73) Isopropylbenzene	12.694	105	116948	19.228	ug/l	100
74) N-amyl acetate	12.494	43	73629	19.498	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	43780	20.463	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	58787	29.347	ug/l	58
77) Bromobenzene	12.976	156	24802	19.076	ug/l	94
78) n-propylbenzene	13.035	91	143060	19.689	ug/l	100
79) 2-Chlorotoluene	13.123	91	89615	19.405	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	95392	19.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14559	18.724	ug/l	90
82) 4-Chlorotoluene	13.223	91	86287	18.869	ug/l	98
83) tert-Butylbenzene	13.441	119	73707	19.055	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	99967	20.369	ug/l	99
85) sec-Butylbenzene	13.617	105	113922	19.977	ug/l	97
86) p-Isopropyltoluene	13.729	119	86058	19.419	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	44796	19.263	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	45207	19.390	ug/l	98
89) n-Butylbenzene	14.059	91	85823	19.789	ug/l	97
90) Hexachloroethane	14.341	117	14090	18.170	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	45493	21.373	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8194	20.490	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	21207	19.358	ug/l	96
94) Hexachlorobutadiene	15.500	225	8567	17.900	ug/l	98
95) Naphthalene	15.641	128	77532	18.495	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	20701	19.224	ug/l	98

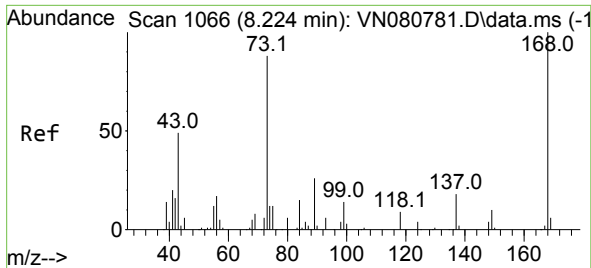
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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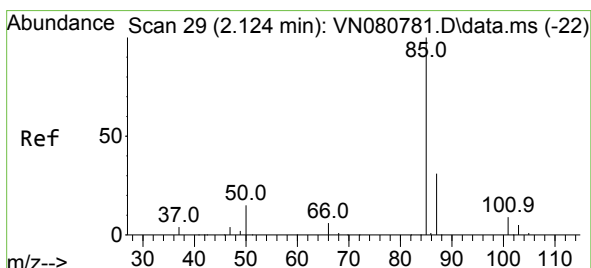
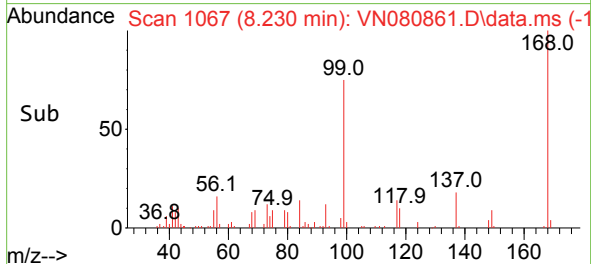
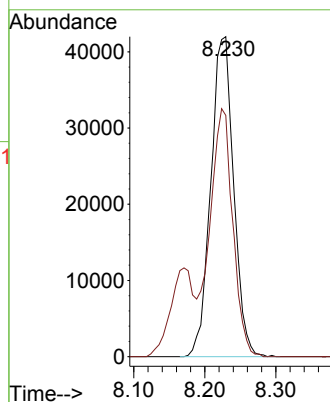
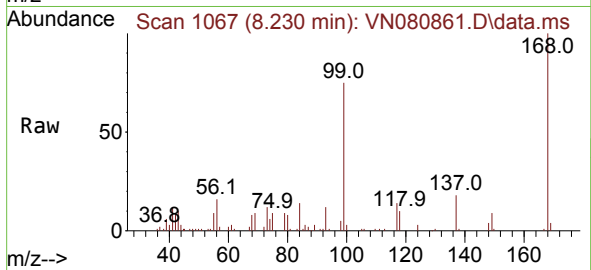
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080861.D
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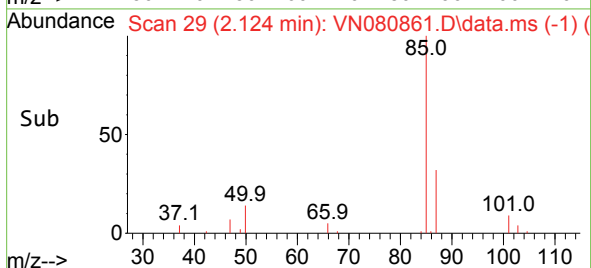
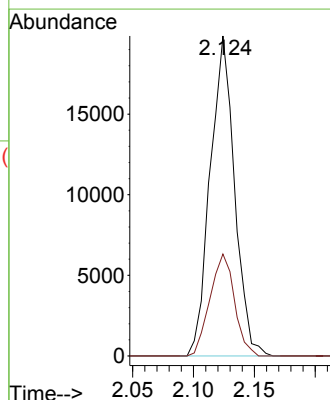
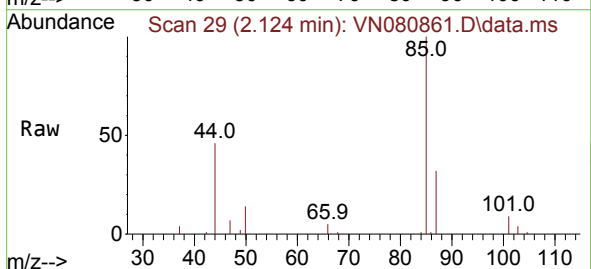
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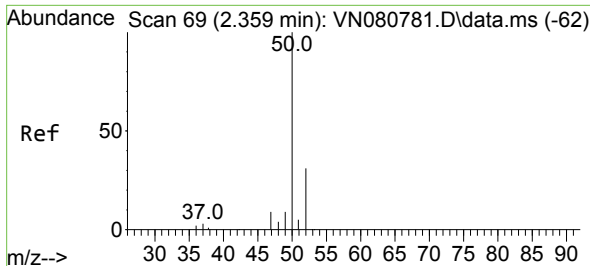
Tgt Ion:168 Resp: 93695
Ion Ratio Lower Upper
168 100
99 75.4 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 19.873 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 85 Resp: 27657
Ion Ratio Lower Upper
85 100
87 31.8 15.3 45.9

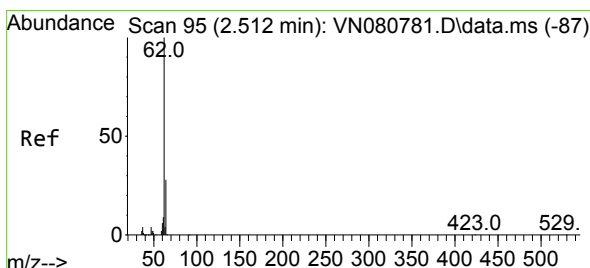
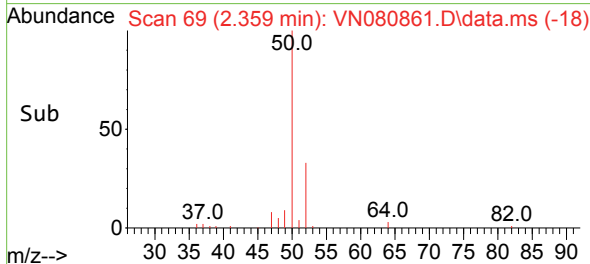
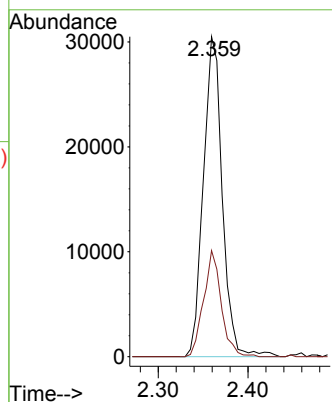
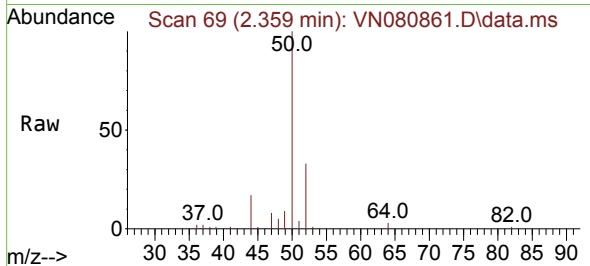




#3
Chloromethane
Concen: 21.383 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

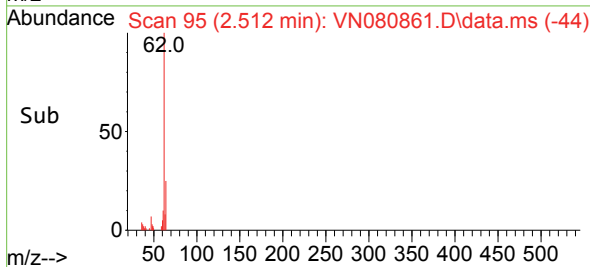
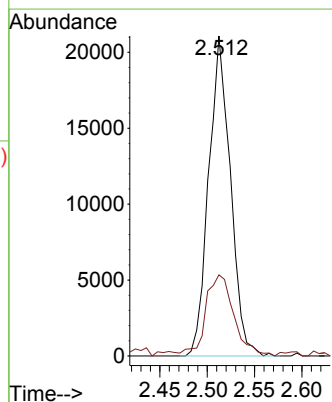
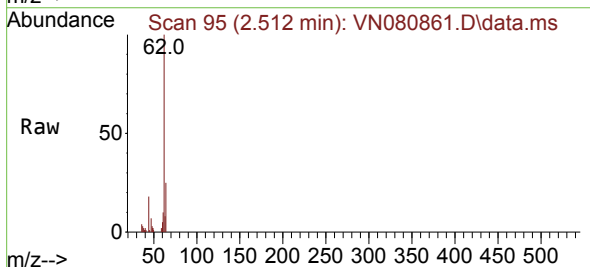
Instrument :
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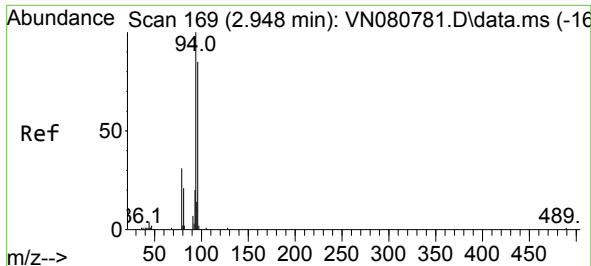
Tgt Ion: 50 Resp: 44732
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4



#4
Vinyl Chloride
Concen: 21.128 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 62 Resp: 33602
Ion Ratio Lower Upper
62 100
64 24.4 22.7 34.1

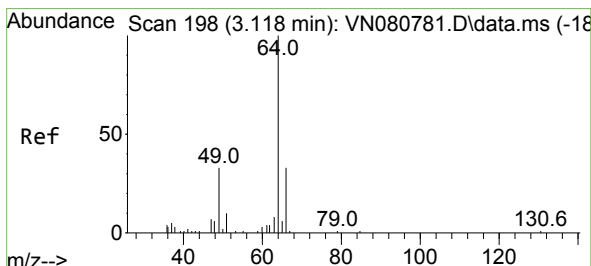
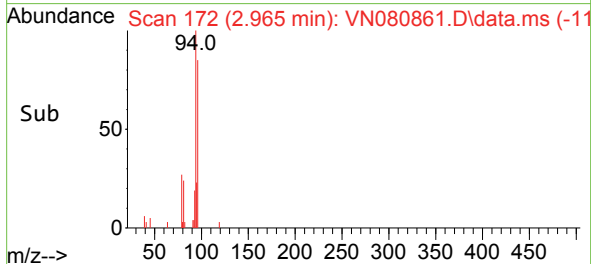
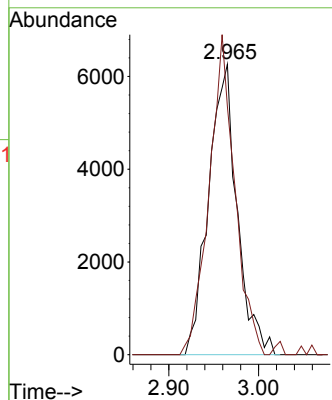
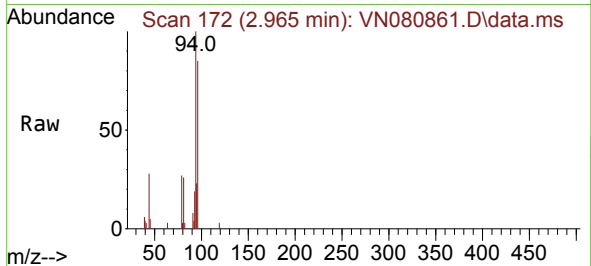




#5
Bromomethane
Concen: 21.769 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

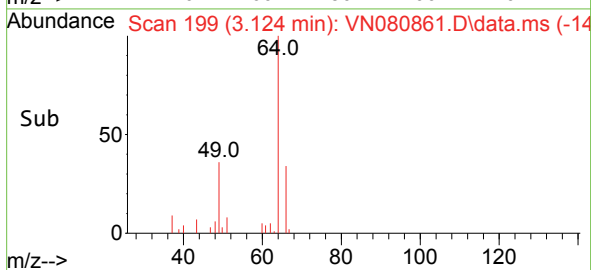
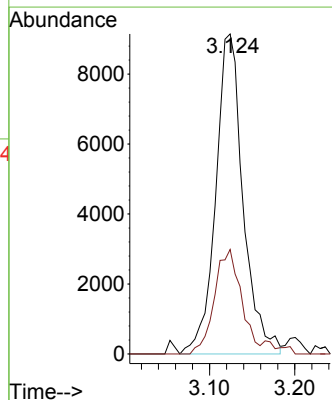
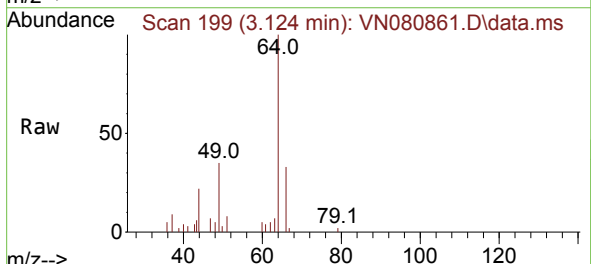
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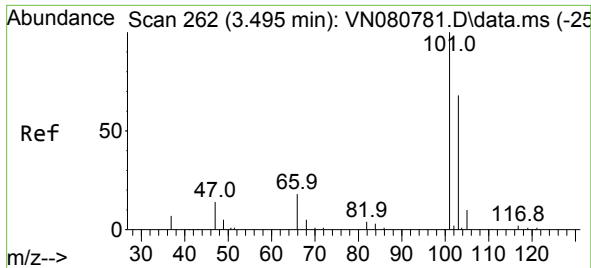
Tgt Ion: 94 Resp: 13848
Ion Ratio Lower Upper
94 100
96 85.4 69.2 103.8



#6
Chloroethane
Concen: 24.132 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 64 Resp: 20462
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6

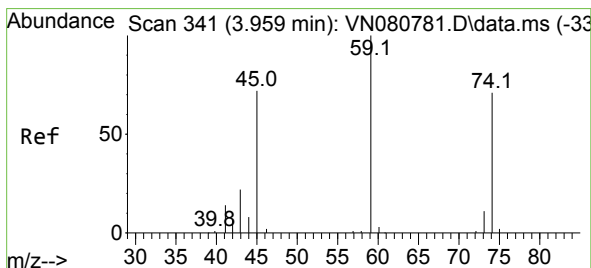
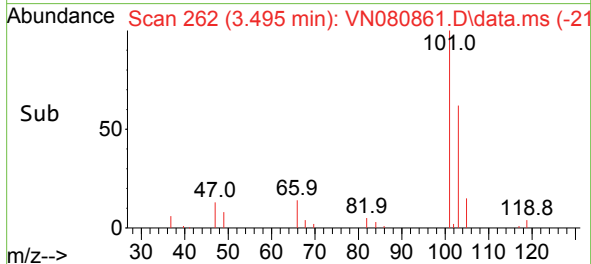
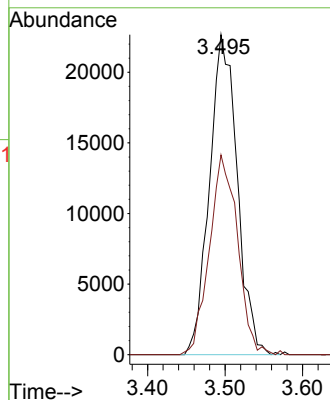
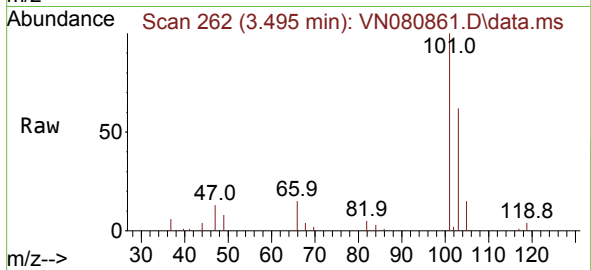




#7
 Trichlorofluoromethane
 Concen: 27.394 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

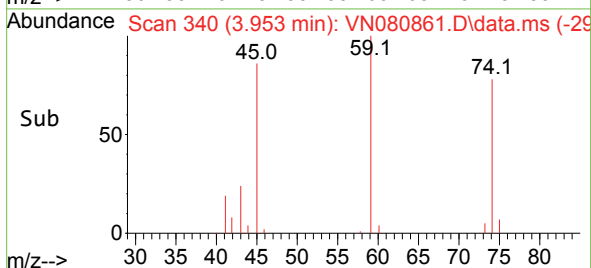
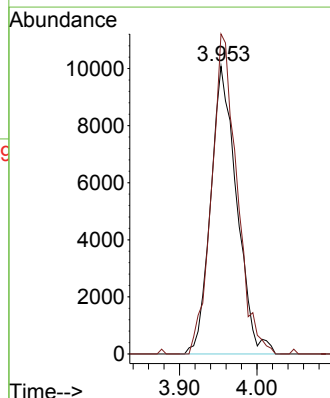
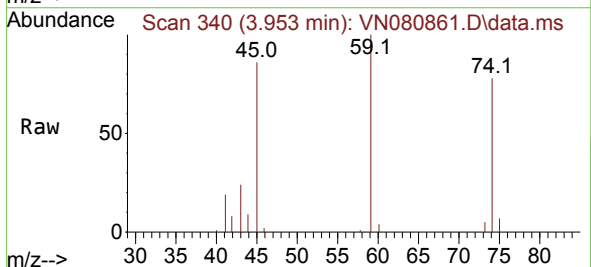
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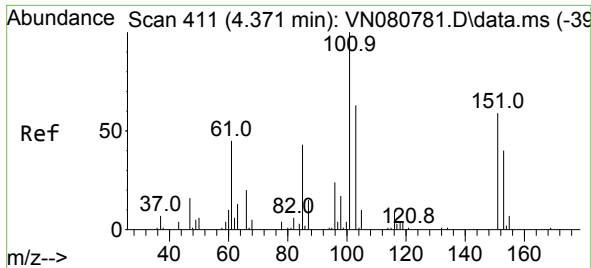
Tgt Ion:101 Resp: 56385
 Ion Ratio Lower Upper
 101 100
 103 62.4 54.4 81.6



#8
 Diethyl Ether
 Concen: 24.862 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion: 74 Resp: 23607
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.3 159.9

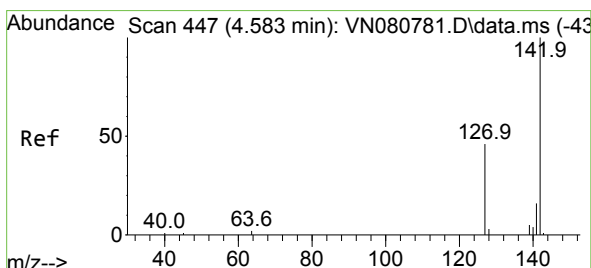
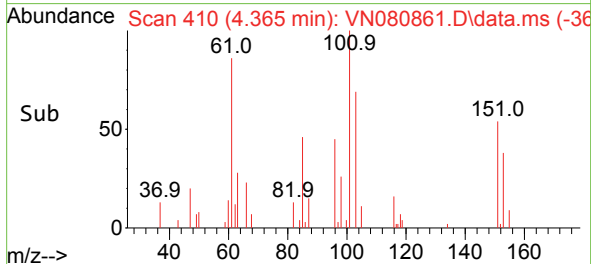
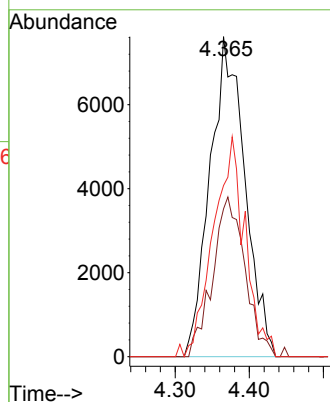
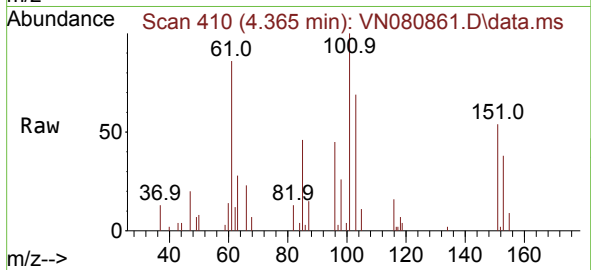




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.680 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080861.D
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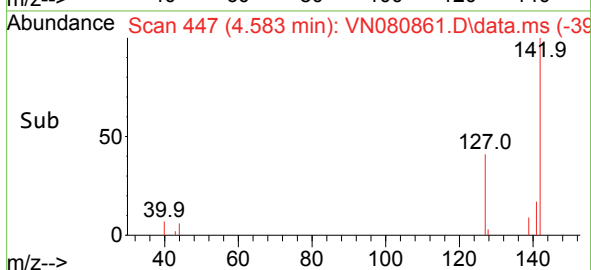
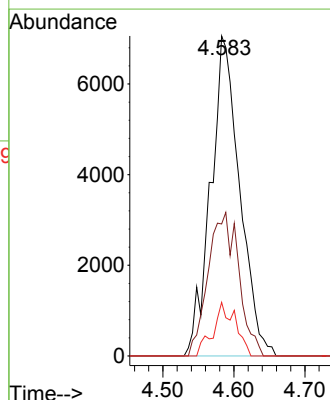
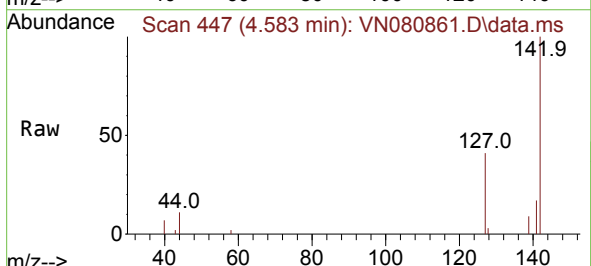
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

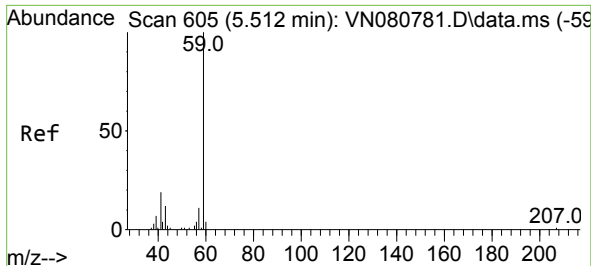
Tgt Ion:101 Resp: 24821
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 62.8 49.1 73.7



#10
Methyl Iodide
Concen: 19.746 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:142 Resp: 20007
Ion Ratio Lower Upper
142 100
127 41.2 37.0 55.4
141 16.7 12.5 18.7

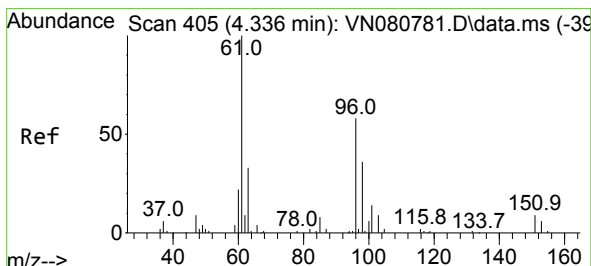
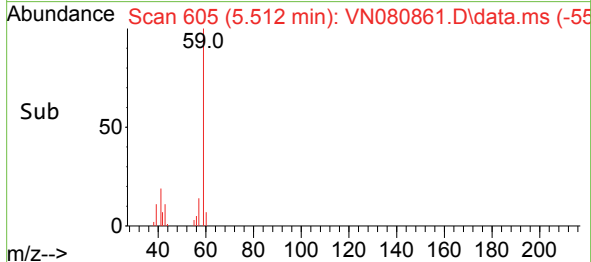
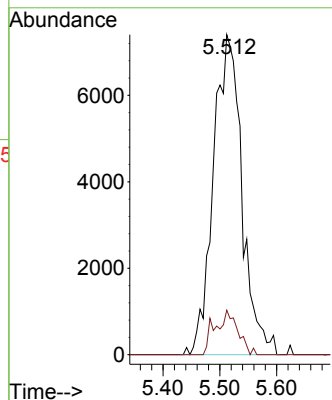
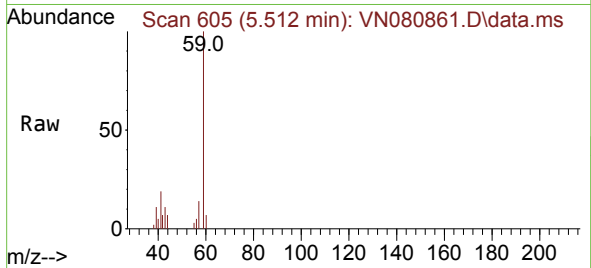




#11
Tert butyl alcohol
Concen: 97.879 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

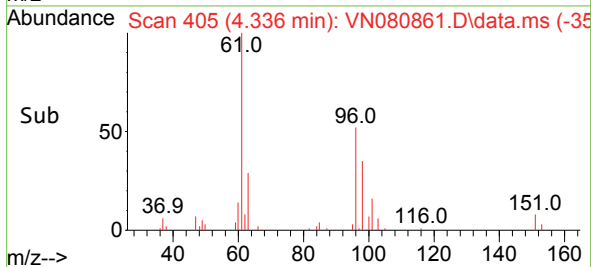
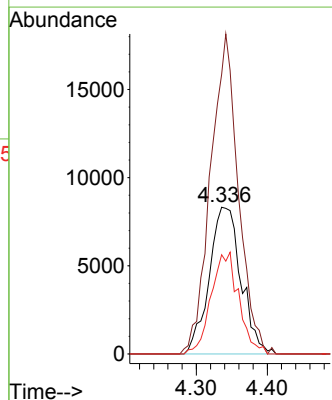
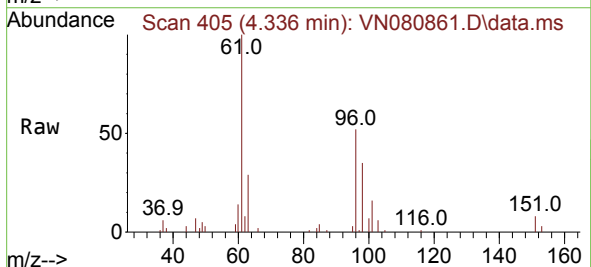
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

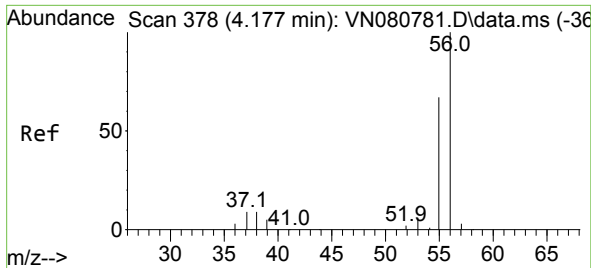
Tgt Ion: 59 Resp: 25862
Ion Ratio Lower Upper
59 100
57 7.1 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.687 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 96 Resp: 25891
Ion Ratio Lower Upper
96 100
61 190.5 138.2 207.4
98 67.6 49.2 73.8

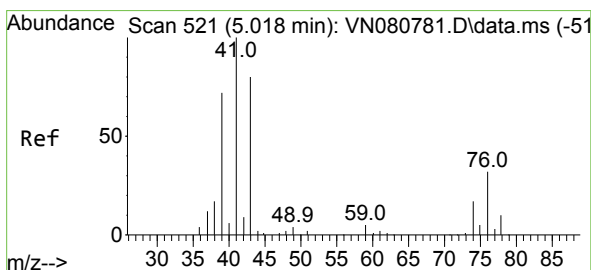
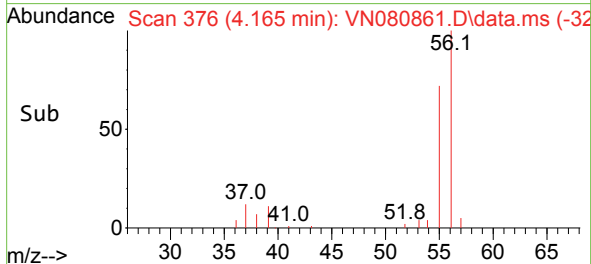
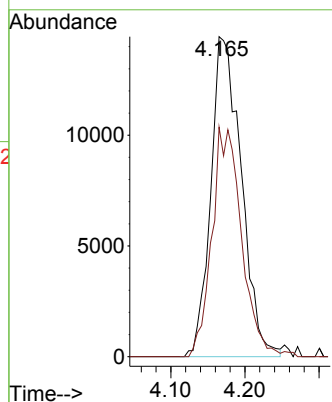
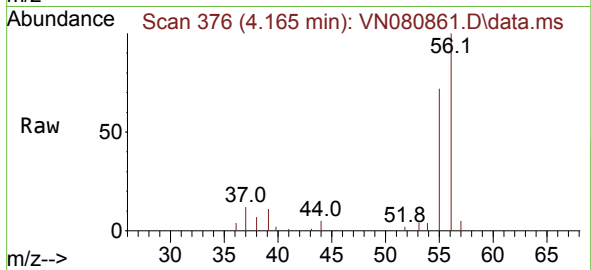




#13
Acrolein
Concen: 123.721 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

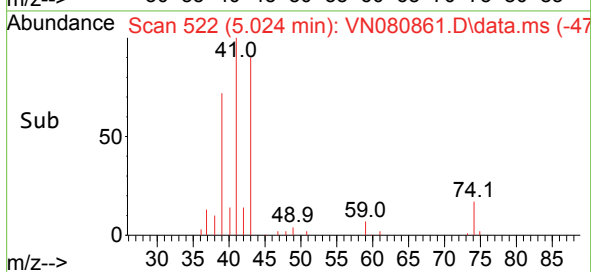
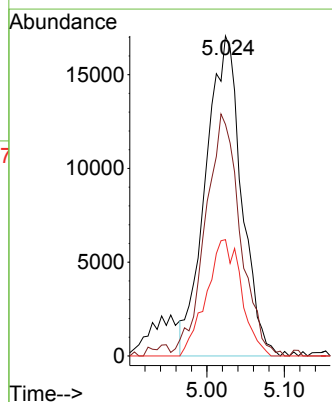
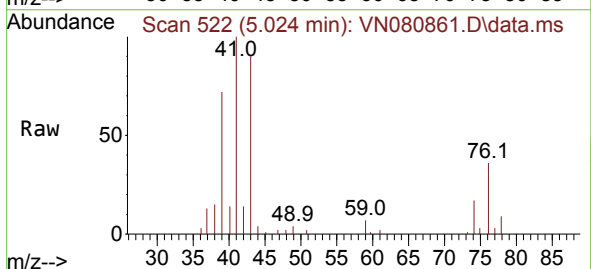
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

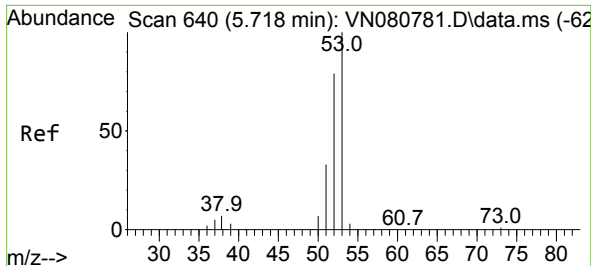
Tgt Ion: 56 Resp: 41224
Ion Ratio Lower Upper
56 100
55 69.4 55.3 82.9



#14
Allyl chloride
Concen: 21.063 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 41 Resp: 54754
Ion Ratio Lower Upper
41 100
39 73.7 57.7 86.5
76 35.6 26.8 40.2

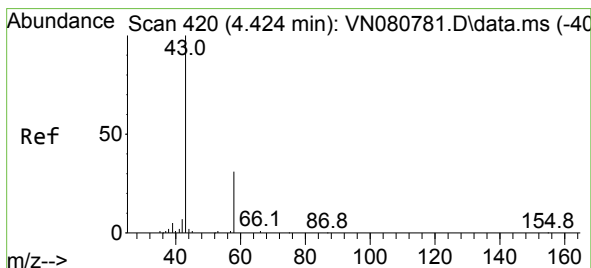
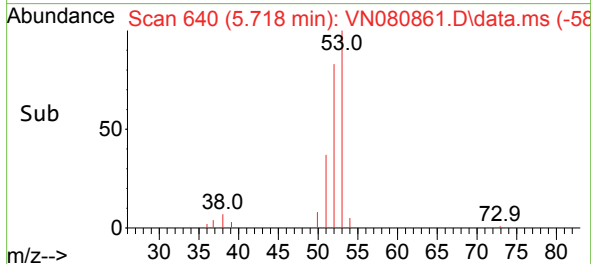
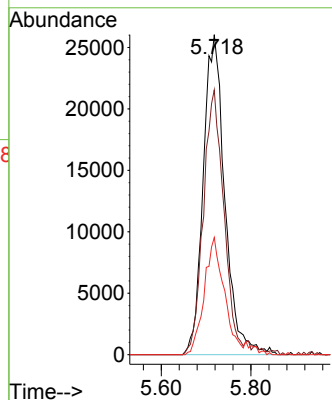
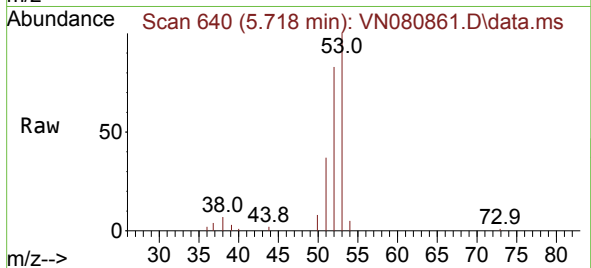




#15
Acrylonitrile
Concen: 109.692 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

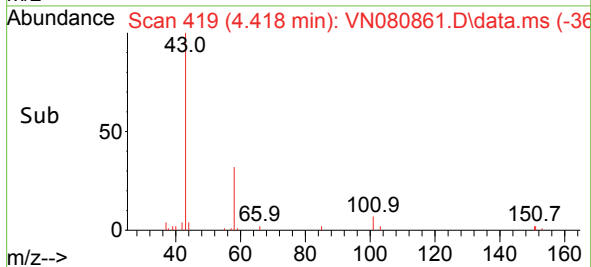
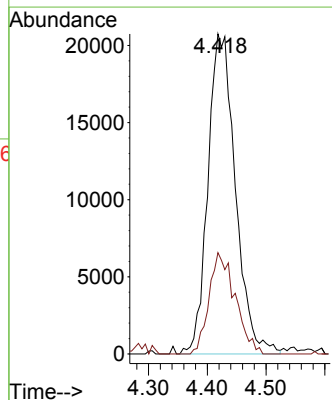
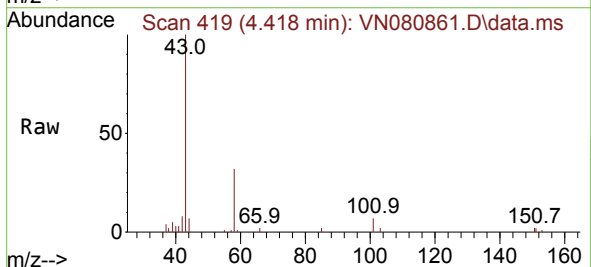
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

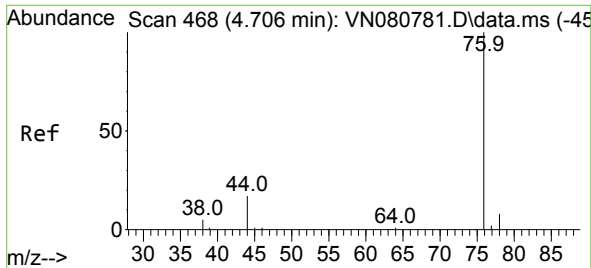
Tgt Ion:	53	Resp:	87167
Ion	Ratio	Lower	Upper
53	100		
52	77.9	64.8	97.2
51	33.9	26.9	40.3



#16
Acetone
Concen: 114.644 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:	43	Resp:	67394
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.8	37.2

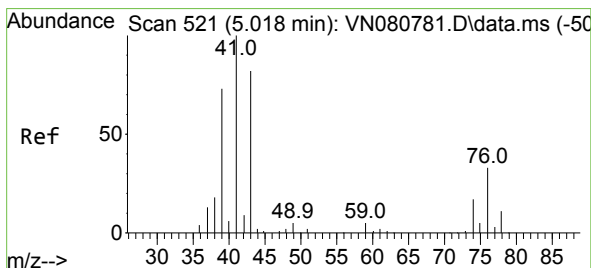
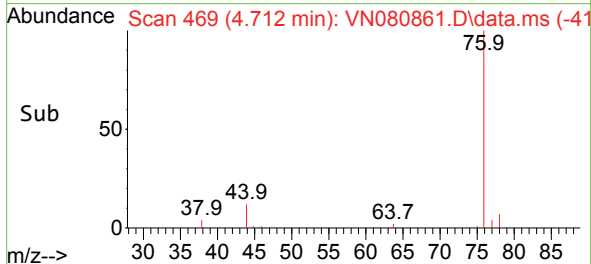
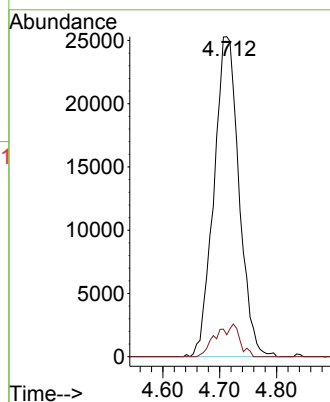
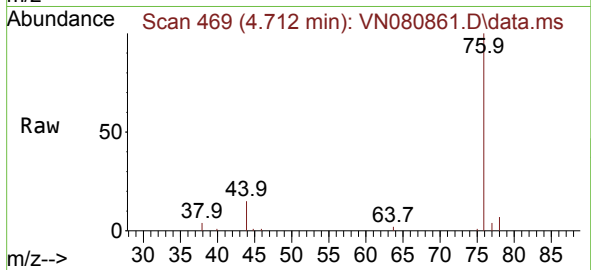




#17
Carbon Disulfide
Concen: 18.994 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

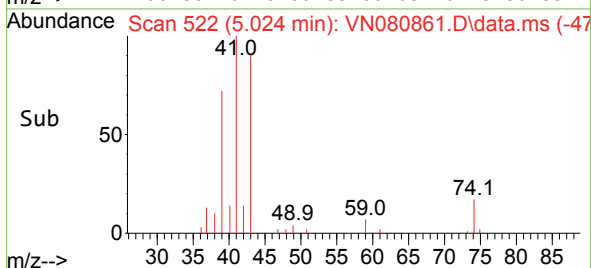
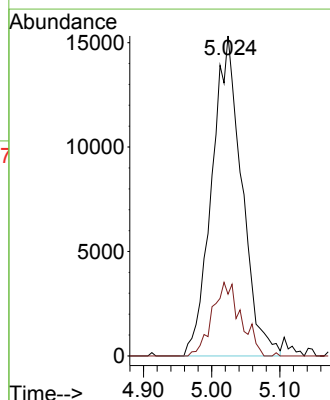
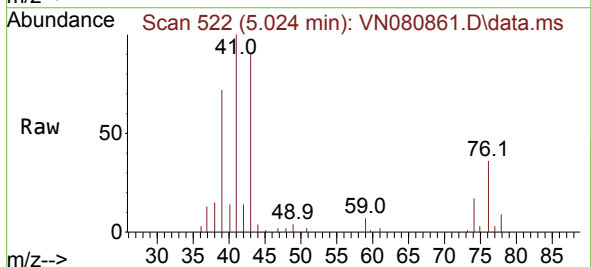
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

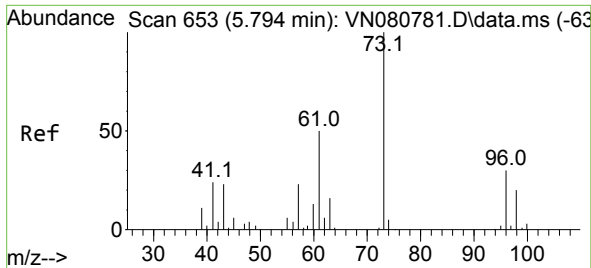
Tgt Ion: 76 Resp: 77770
Ion Ratio Lower Upper
76 100
78 6.9 6.3 9.5



#18
Methyl Acetate
Concen: 22.933 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 43 Resp: 46983
Ion Ratio Lower Upper
43 100
74 21.8 17.3 25.9

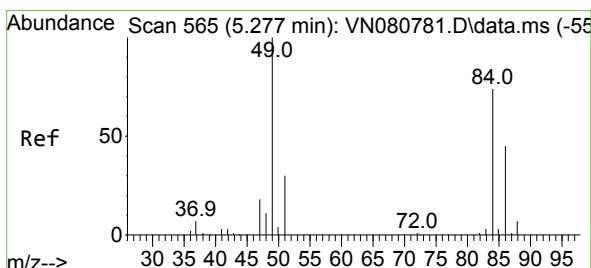
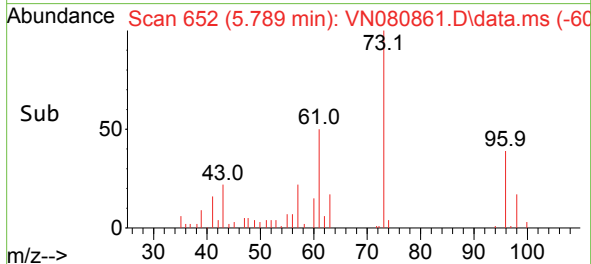
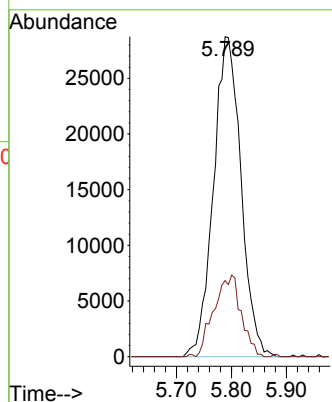
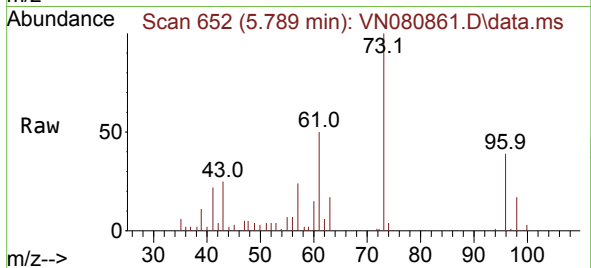




#19
Methyl tert-butyl Ether
Concen: 21.523 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

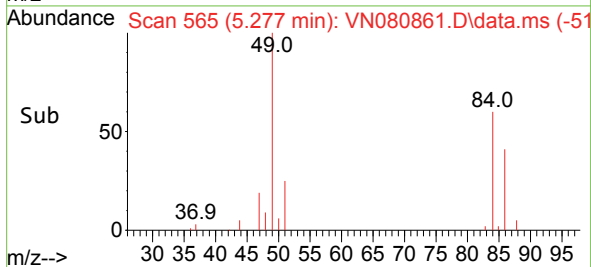
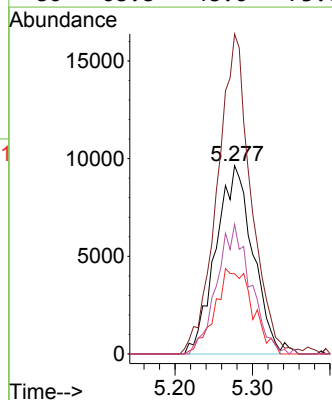
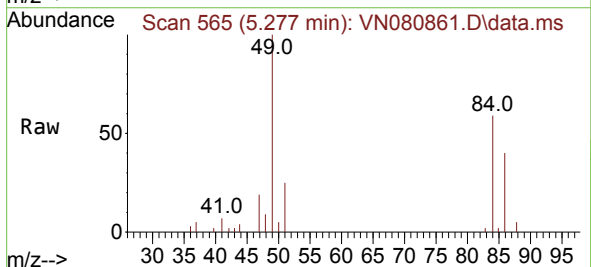
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

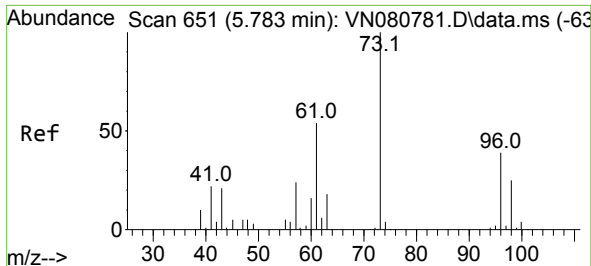
Tgt Ion: 73 Resp: 99741
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.4



#20
Methylene Chloride
Concen: 20.678 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 84 Resp: 31909
Ion Ratio Lower Upper
84 100
49 170.0 108.1 162.1#
51 42.6 32.9 49.3
86 68.8 48.6 73.0

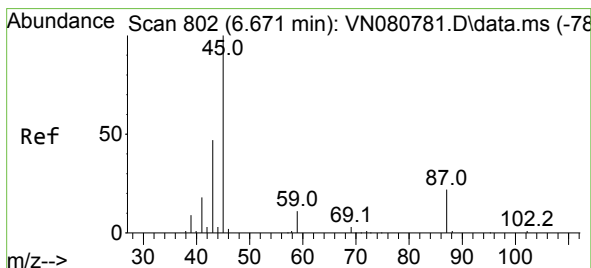
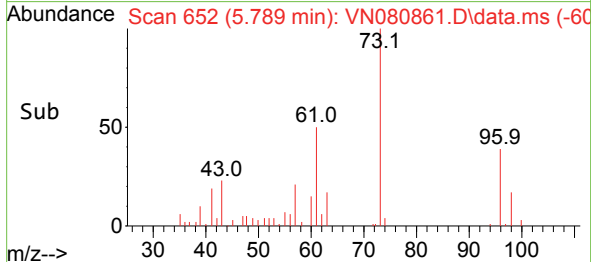
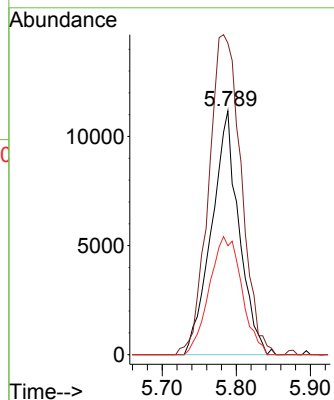
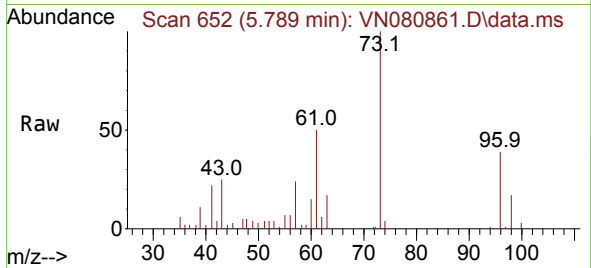




#21
trans-1,2-Dichloroethene
Concen: 20.149 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

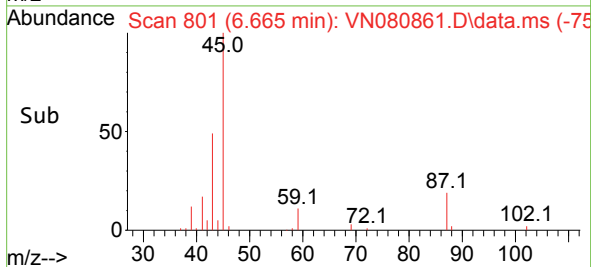
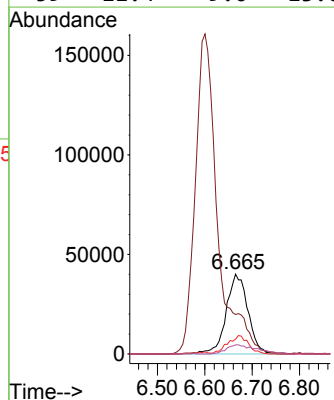
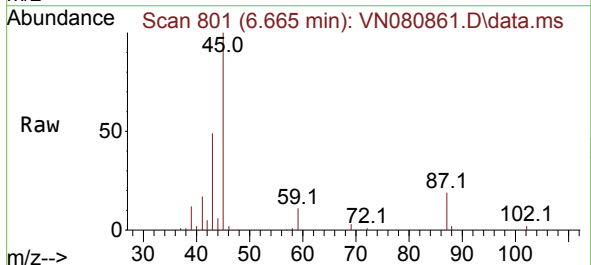
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

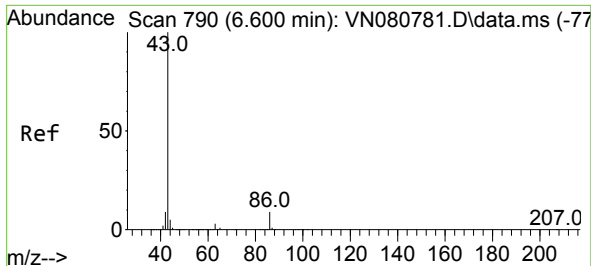
Tgt Ion: 96 Resp: 28790
Ion Ratio Lower Upper
96 100
61 127.7 112.8 169.2
98 44.7 51.0 76.4#



#22
Diisopropyl ether
Concen: 22.293 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 45 Resp: 127868
Ion Ratio Lower Upper
45 100
43 48.1 41.8 62.8
87 18.6 18.1 27.1
59 11.4 9.0 13.6

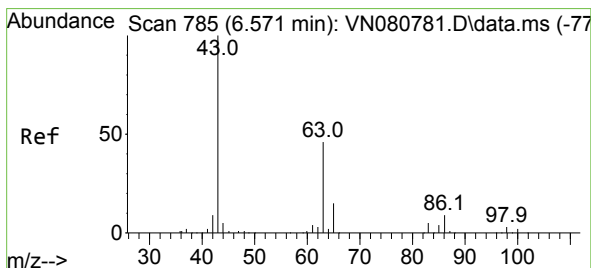
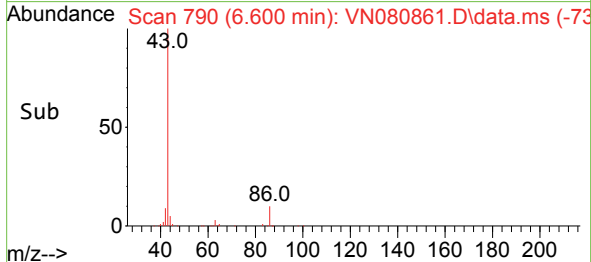
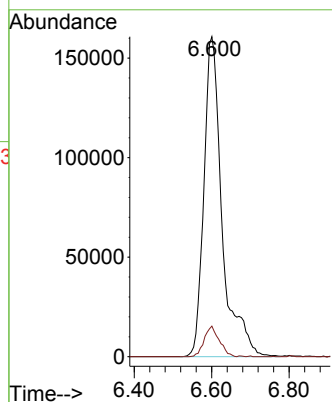
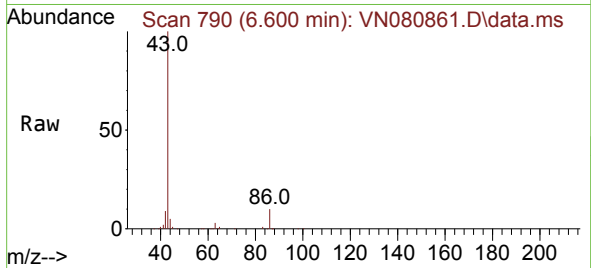




#23
 Vinyl Acetate
 Concen: 126.740 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

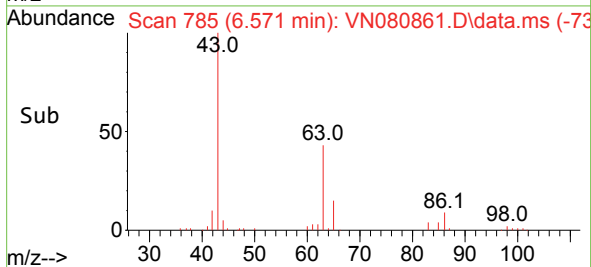
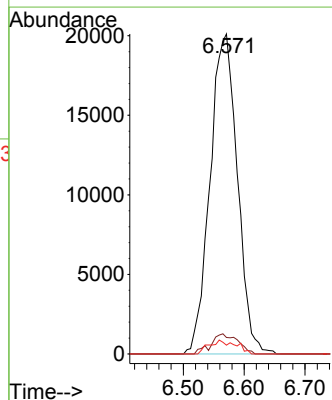
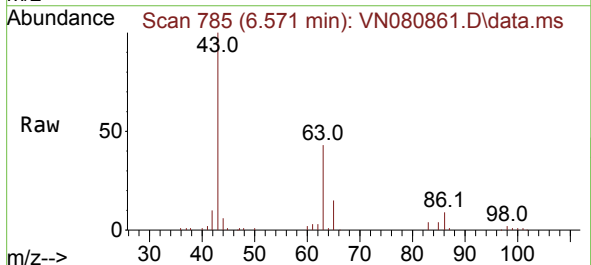
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

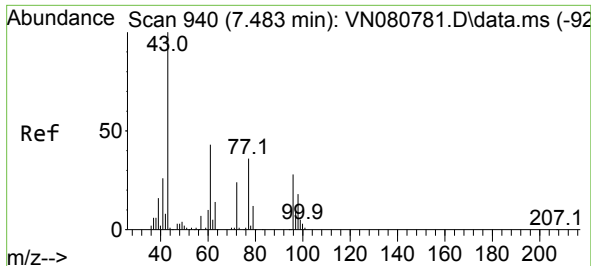
Tgt Ion: 43 Resp: 525983
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 21.570 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion: 63 Resp: 62745
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 2.8 1.9 5.7

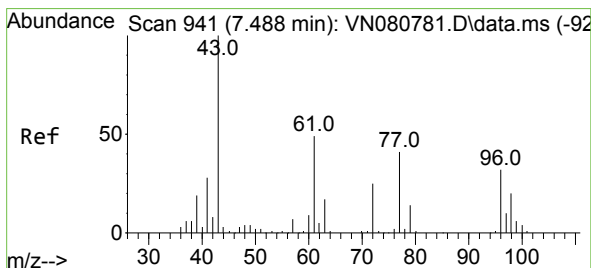
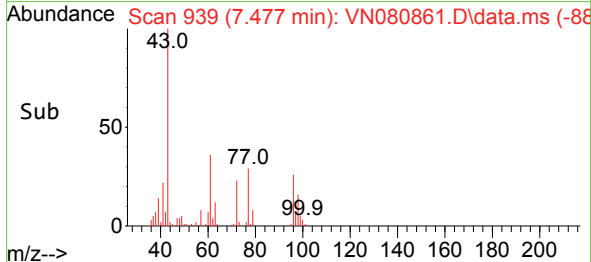
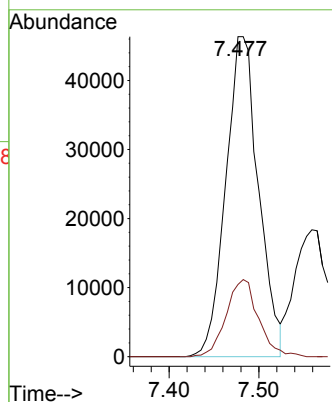
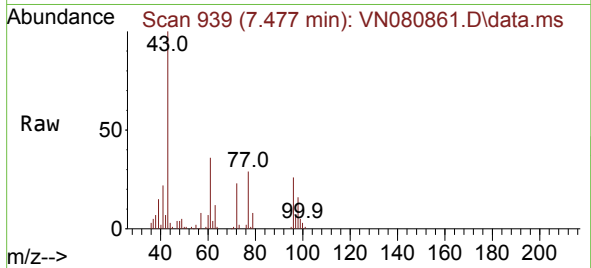




#25
2-Butanone
Concen: 105.365 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

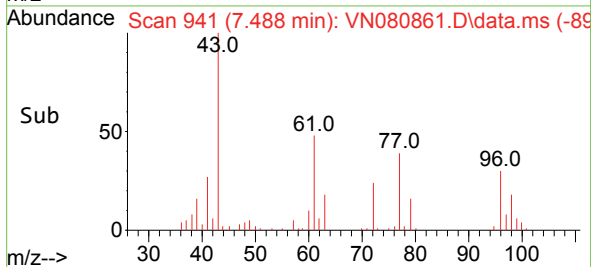
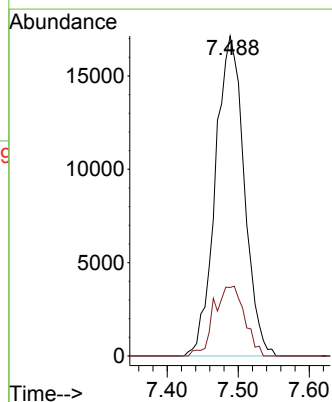
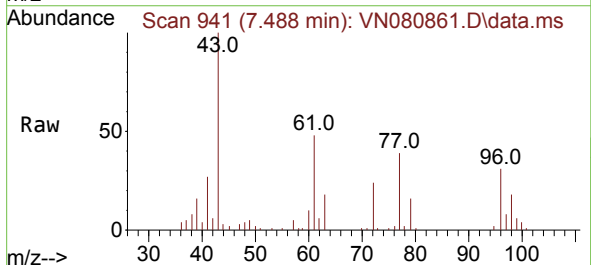
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

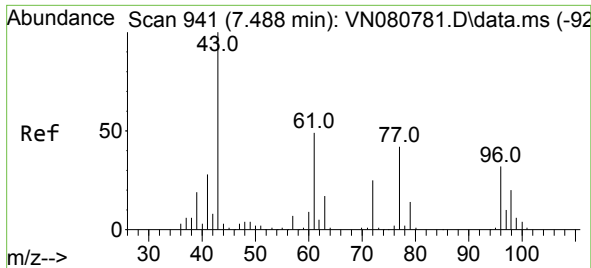
Tgt Ion: 43 Resp: 117649
Ion Ratio Lower Upper
43 100
72 22.6 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.535 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 77 Resp: 48279
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5

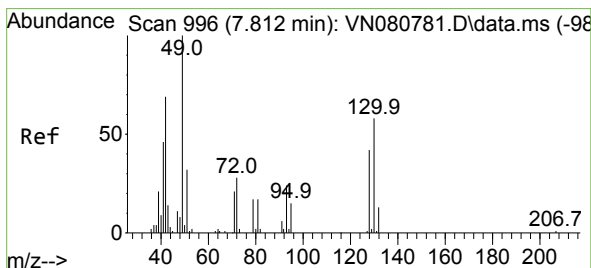
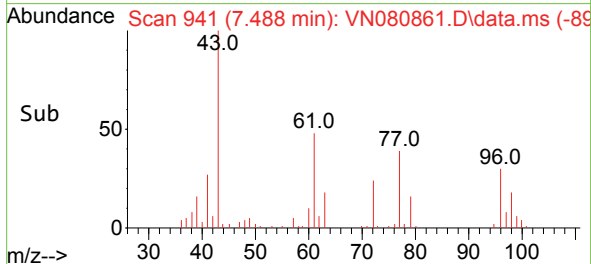
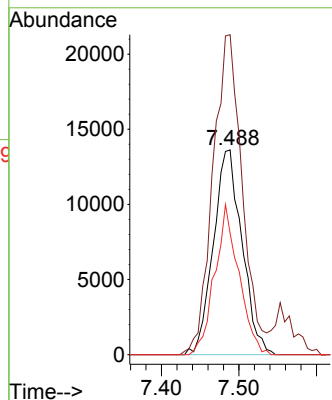
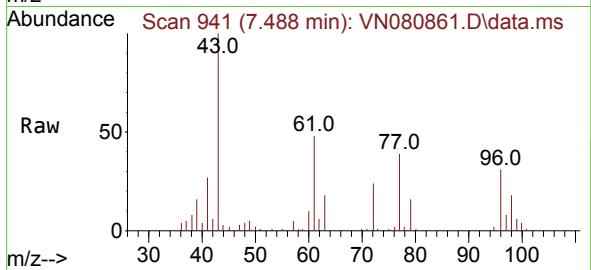




#27
 cis-1,2-Dichloroethene
 Concen: 21.192 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

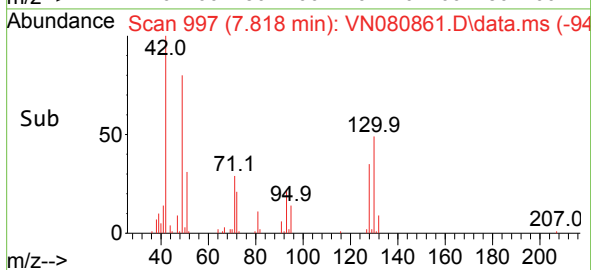
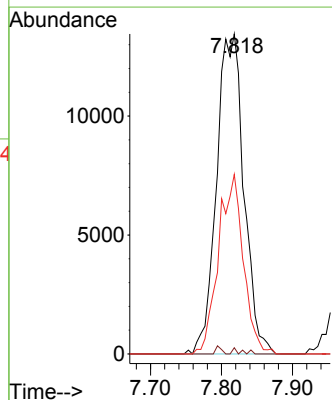
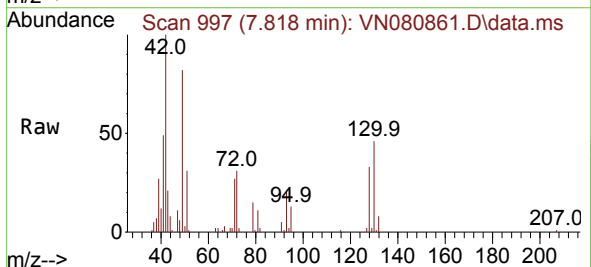
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

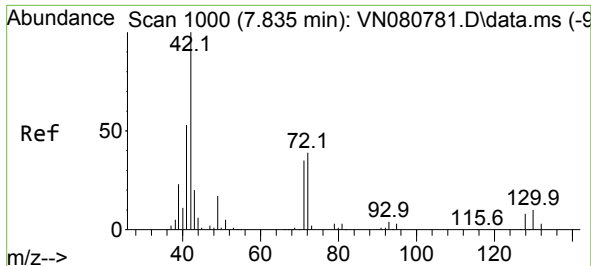
Tgt Ion:	96	Resp:	35051
Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	325.4
98	61.8	0.0	130.4



#28
 Bromochloromethane
 Concen: 23.279 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion:	49	Resp:	35851
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.6
130	51.2	42.3	63.5





#29

Tetrahydrofuran

Concen: 106.650 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

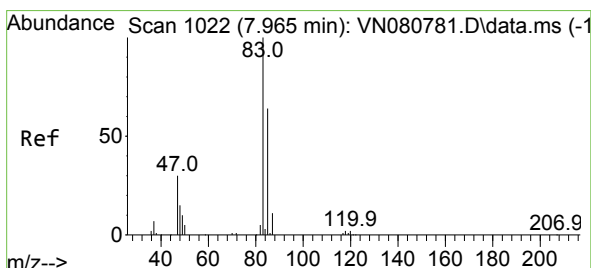
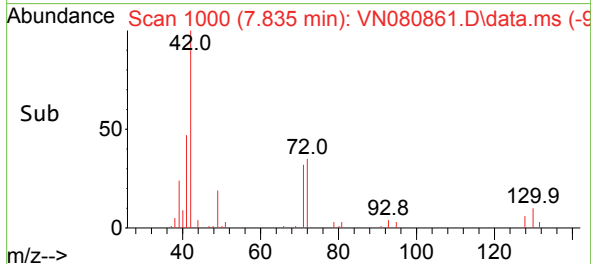
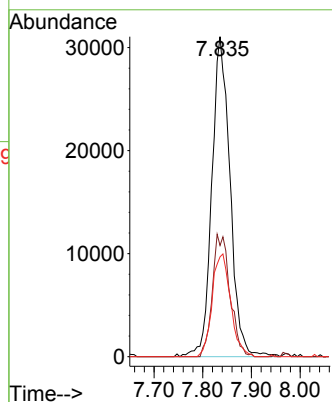
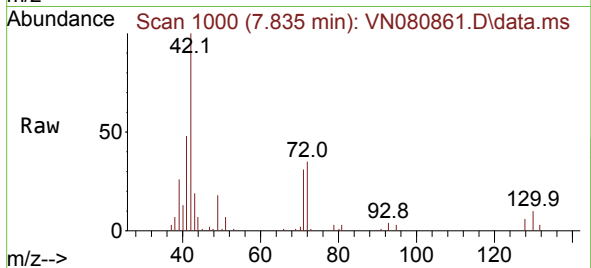
Tgt Ion: 42 Resp: 80579

Ion Ratio Lower Upper

42 100

72 37.0 31.1 46.7

71 32.5 28.3 42.5



#30

Chloroform

Concen: 21.062 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080861.D

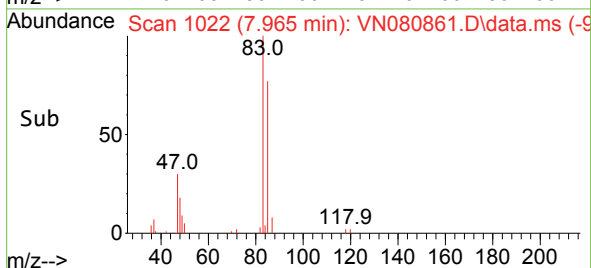
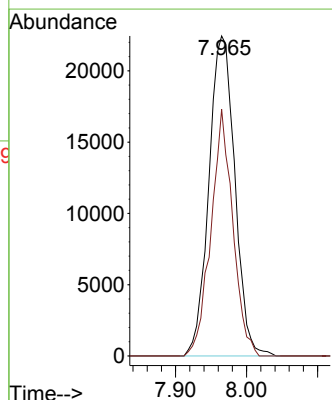
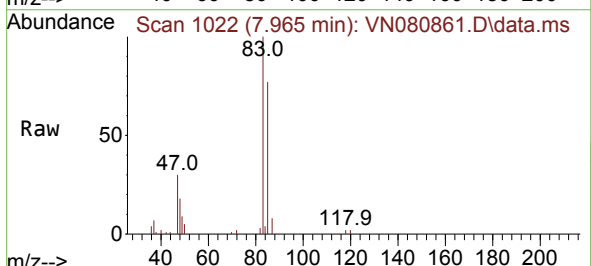
Acq: 01 Feb 2024 11:39

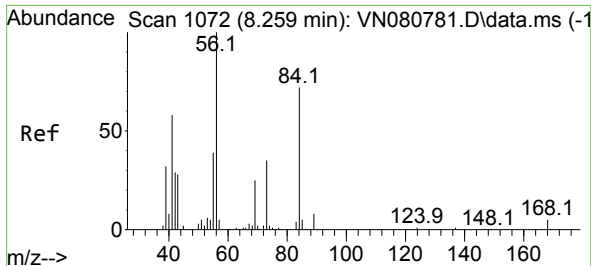
Tgt Ion: 83 Resp: 56919

Ion Ratio Lower Upper

83 100

85 77.1 51.0 76.6#

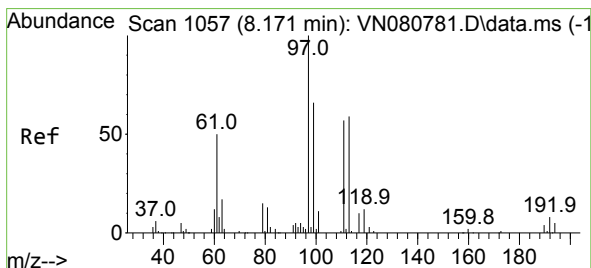
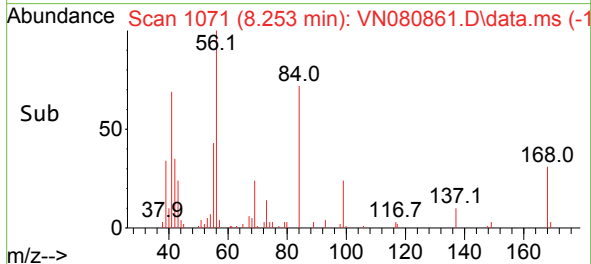
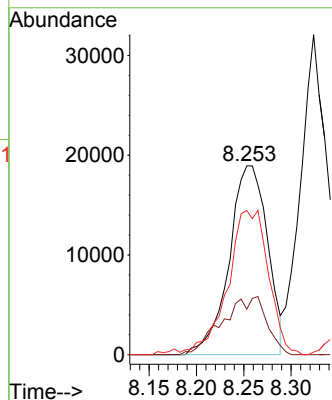
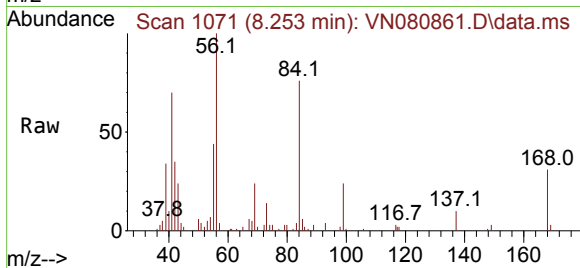




#31
Cyclohexane
Concen: 19.215 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

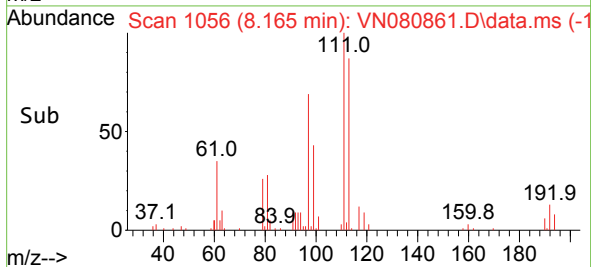
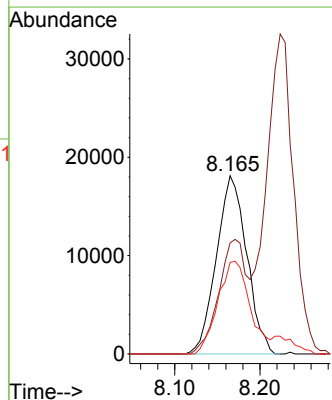
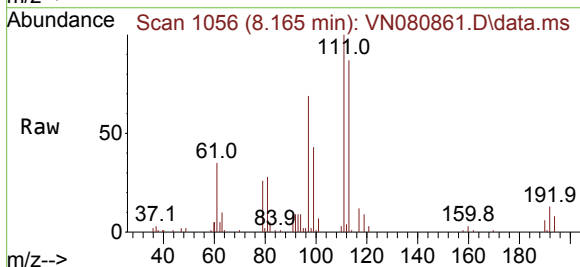
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

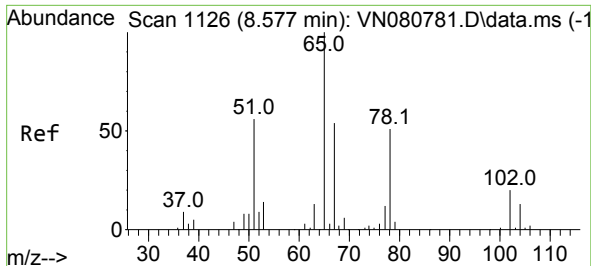
Tgt Ion: 56 Resp: 53407
Ion Ratio Lower Upper
56 100
69 24.0 20.1 30.1
84 75.1 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 20.442 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 97 Resp: 44799
Ion Ratio Lower Upper
97 100
99 60.1 53.4 80.0
61 55.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.534 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

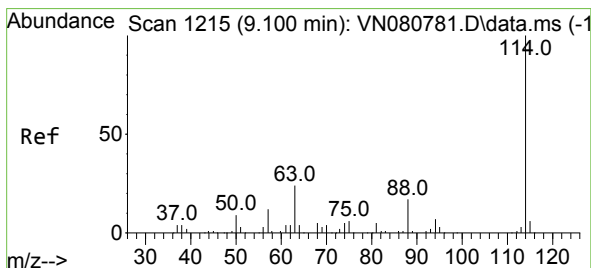
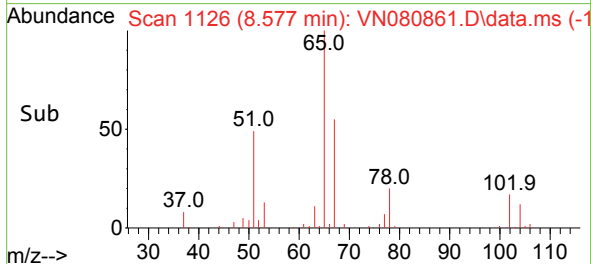
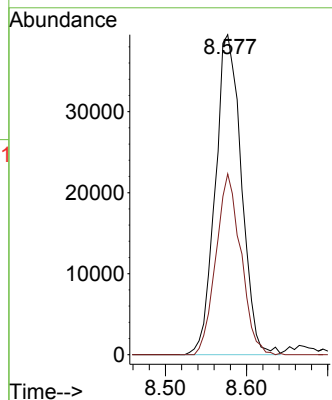
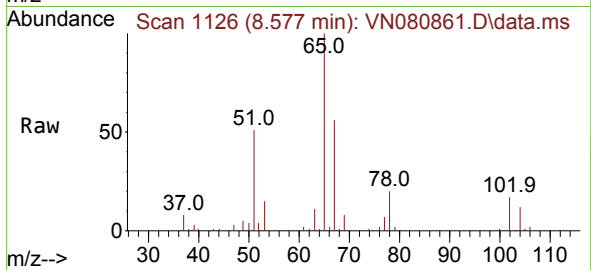
VN0201WBSD01

Tgt Ion: 65 Resp: 88395

Ion Ratio Lower Upper

65 100

67 54.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

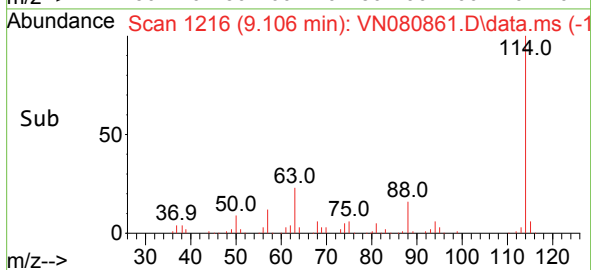
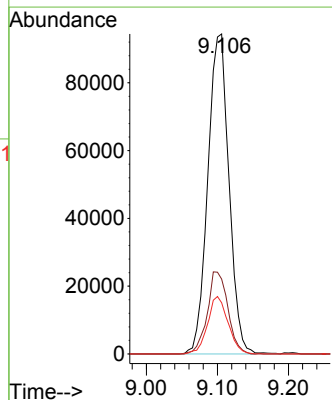
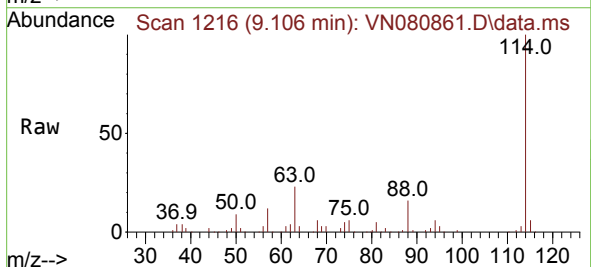
Tgt Ion: 114 Resp: 195145

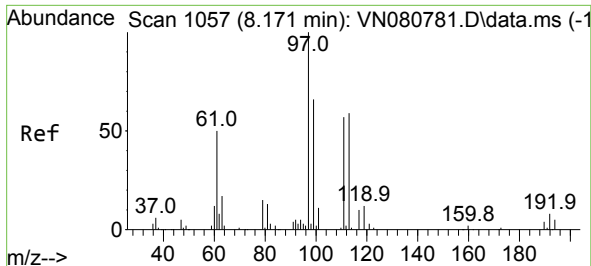
Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.0

88 16.0 0.0 34.8

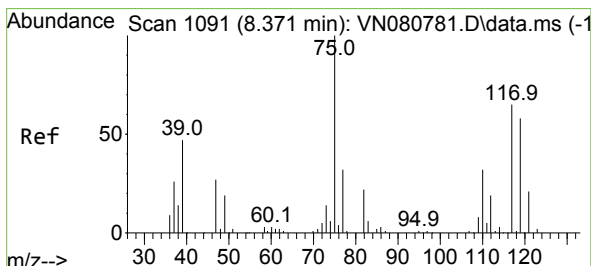
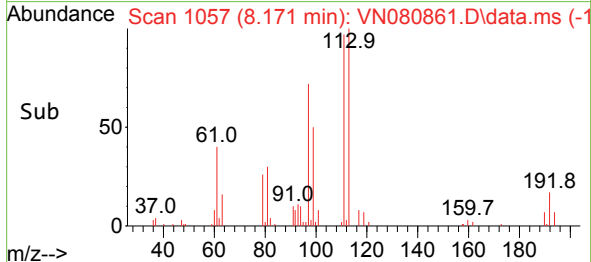
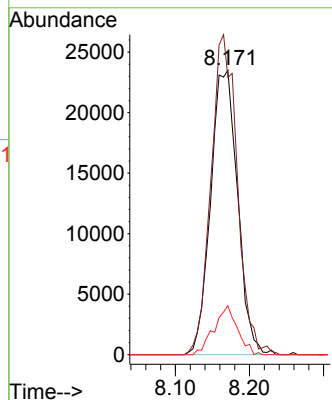
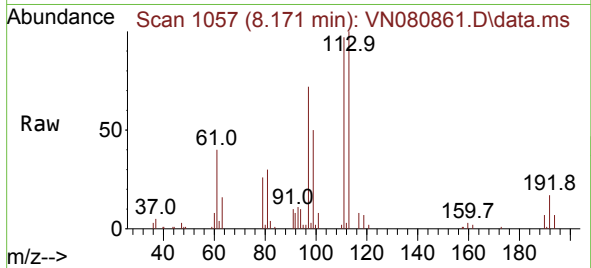




#35
Dibromofluoromethane
Concen: 49.728 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

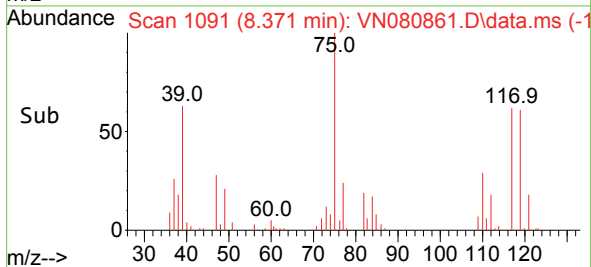
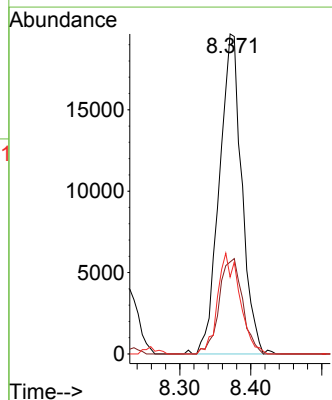
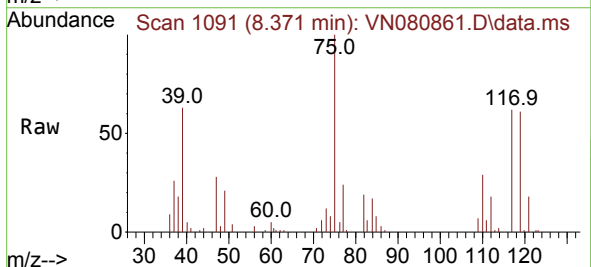
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

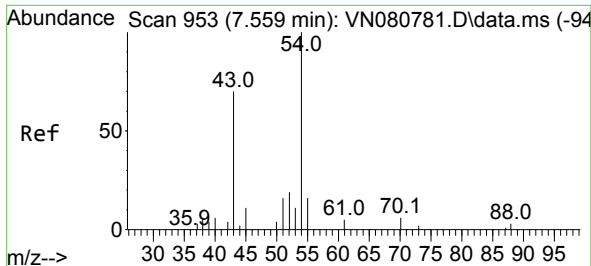
Tgt Ion:113 Resp: 59371
Ion Ratio Lower Upper
113 100
111 109.7 82.2 123.4
192 14.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.413 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 75 Resp: 43080
Ion Ratio Lower Upper
75 100
110 31.0 16.0 48.0
77 31.3 25.8 38.6

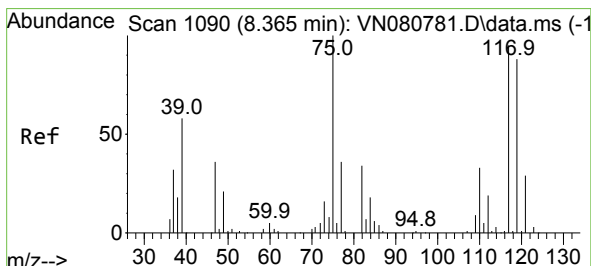
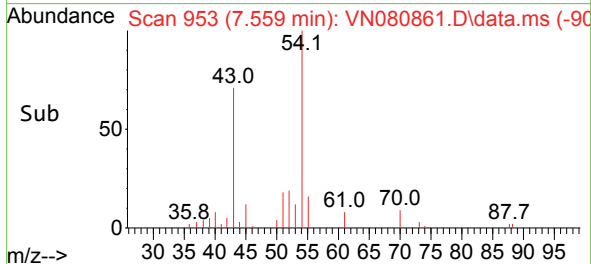
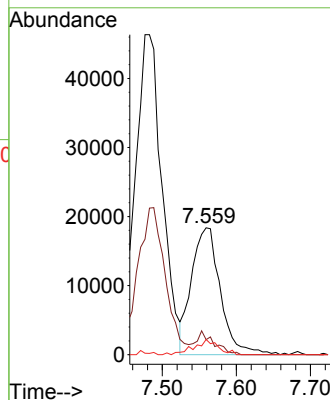
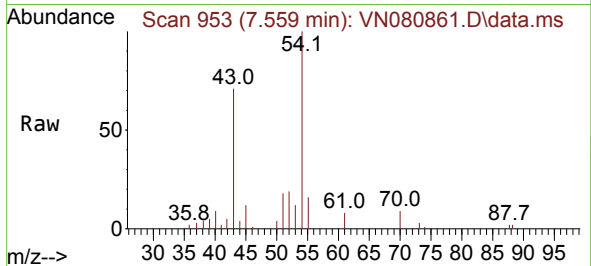




#37
Ethyl Acetate
Concen: 21.827 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

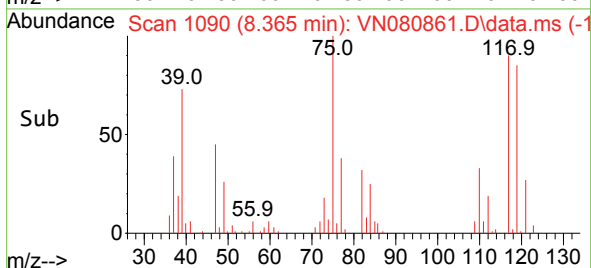
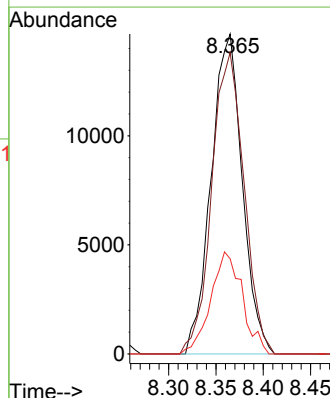
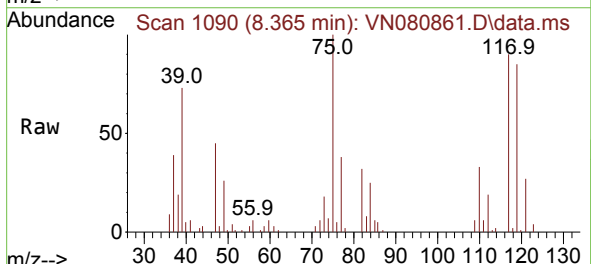
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

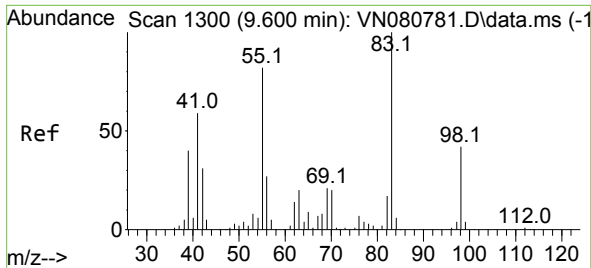
Tgt Ion: 43 Resp: 49860
Ion Ratio Lower Upper
43 100
61 11.7 10.6 15.8
70 9.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.771 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 117 Resp: 33561
Ion Ratio Lower Upper
117 100
119 94.2 73.4 110.2
121 29.7 24.4 36.6

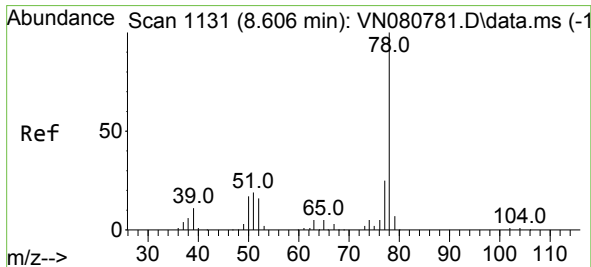
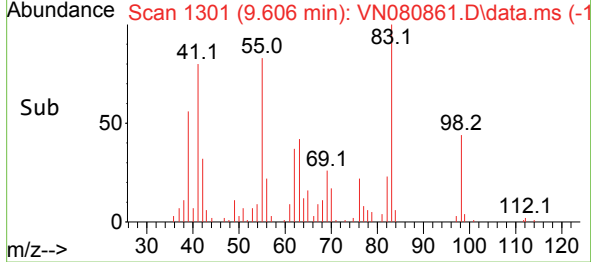
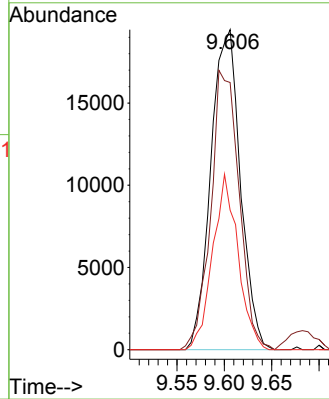
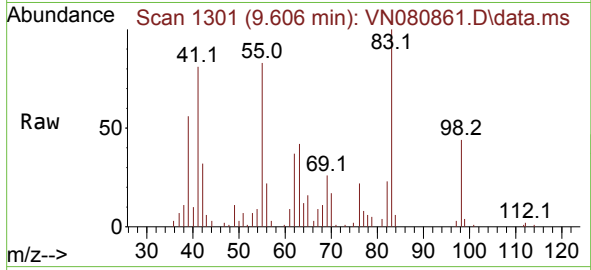




#39
Methylcyclohexane
Concen: 19.172 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

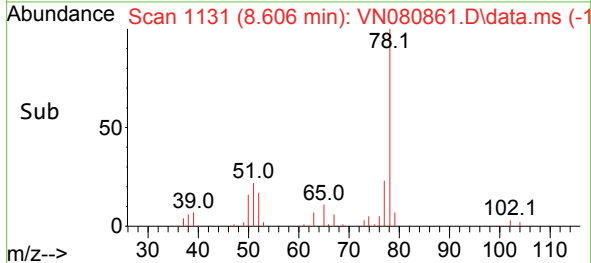
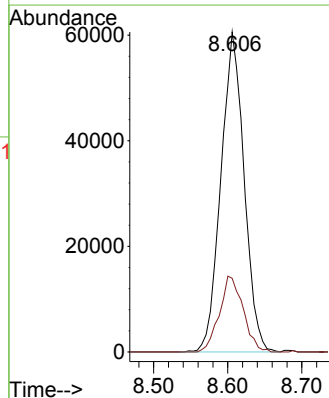
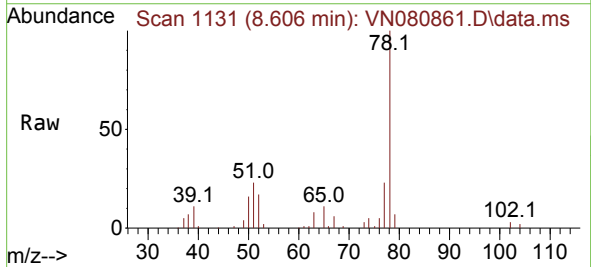
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

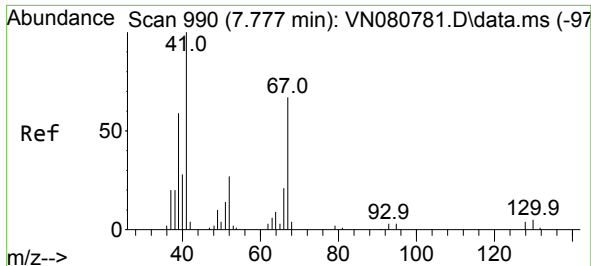
Tgt Ion: 83 Resp: 42286
Ion Ratio Lower Upper
83 100
55 83.5 65.7 98.5
98 43.6 33.8 50.6



#40
Benzene
Concen: 20.184 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 78 Resp: 131644
Ion Ratio Lower Upper
78 100
77 23.0 20.4 30.6

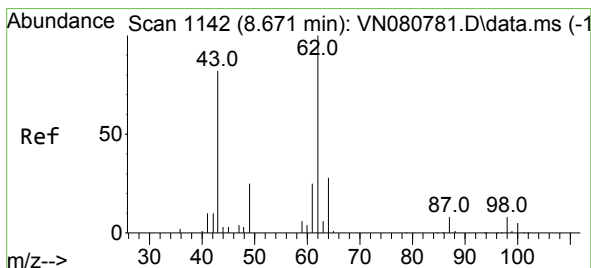
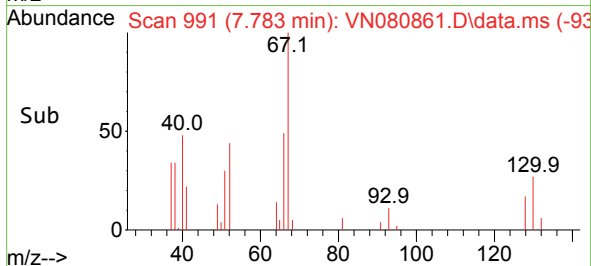
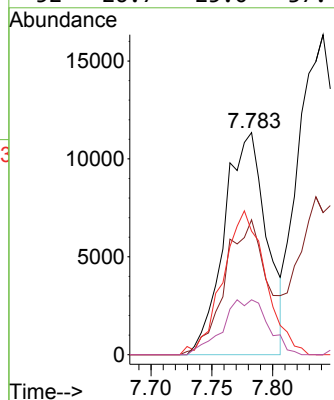
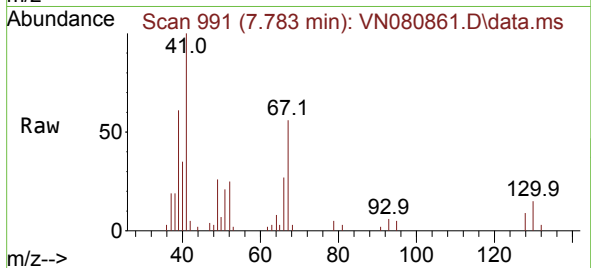




#41
Methacrylonitrile
Concen: 20.395 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

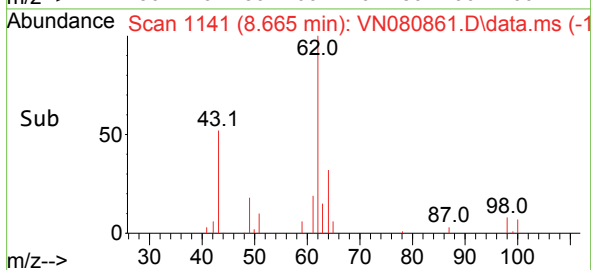
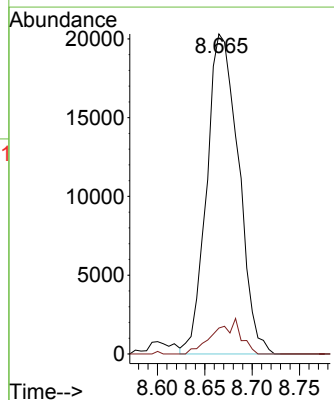
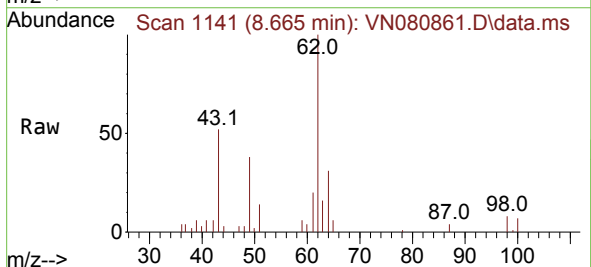
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

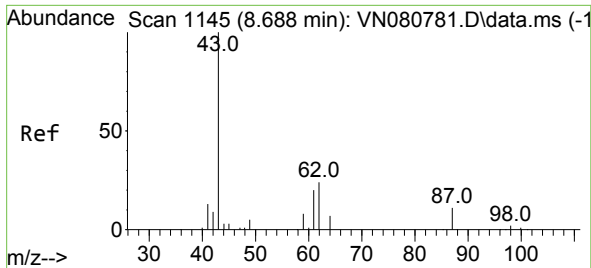
Tgt Ion: 41	Resp: 27460
Ion Ratio	Lower Upper
41 100	
39 61.0	48.4 72.6
67 65.4	56.8 85.2
52 26.7	25.0 37.4



#42
1,2-Dichloroethane
Concen: 22.346 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 62	Resp: 47481
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 18.0

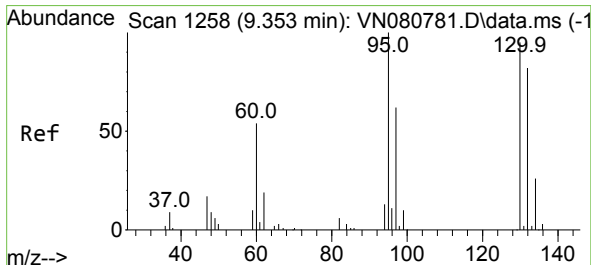
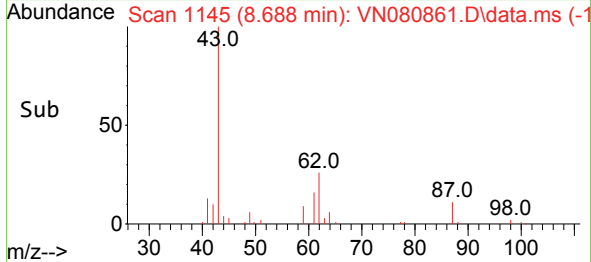
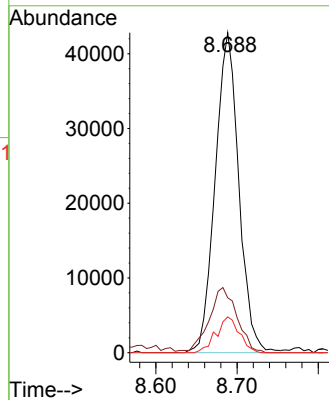
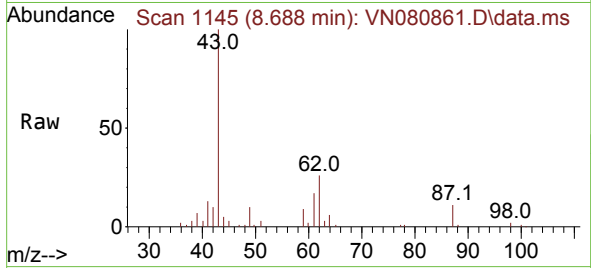




#43
Isopropyl Acetate
Concen: 20.832 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

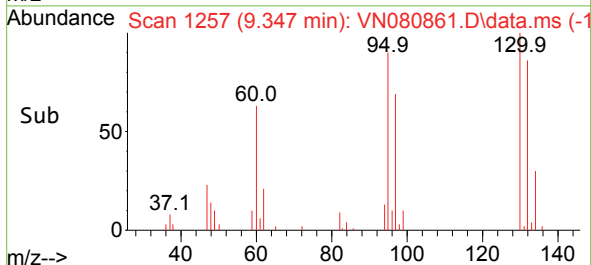
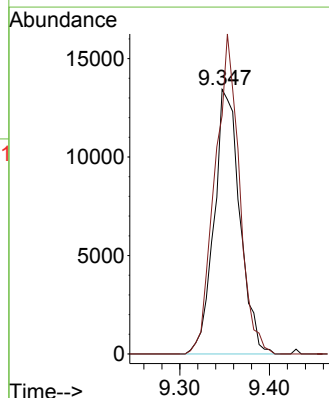
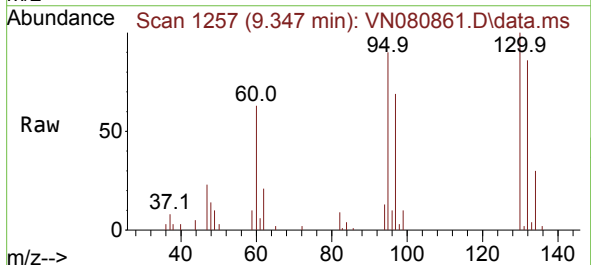
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

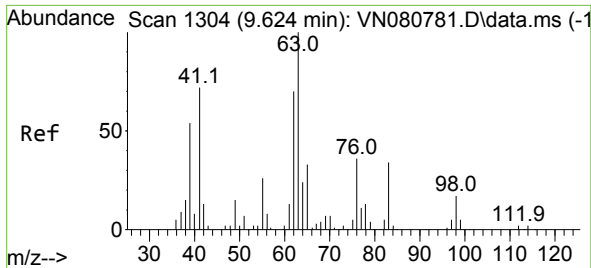
Tgt Ion:	43	Resp:	86643
Ion	Ratio	Lower	Upper
43	100		
61	23.9	19.9	29.9
87	10.9	9.0	13.6



#44
Trichloroethene
Concen: 18.631 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:	130	Resp:	26764
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	210.4

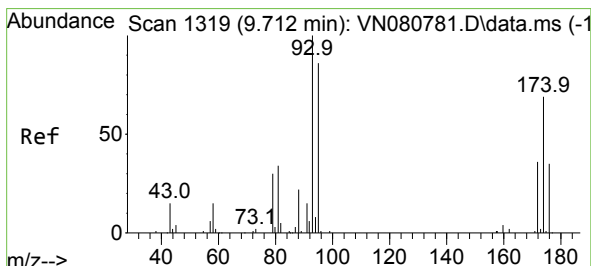
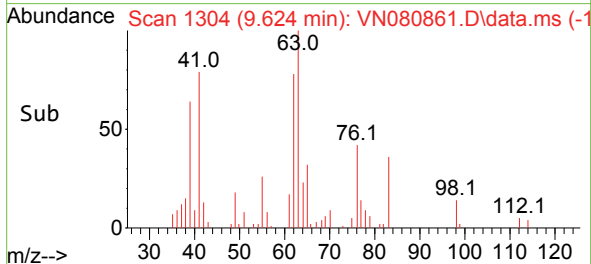
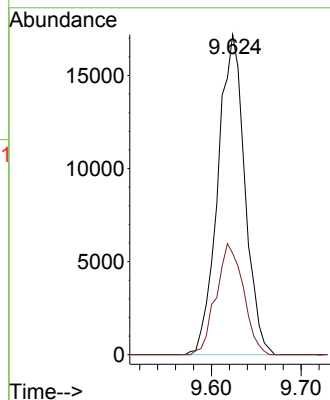
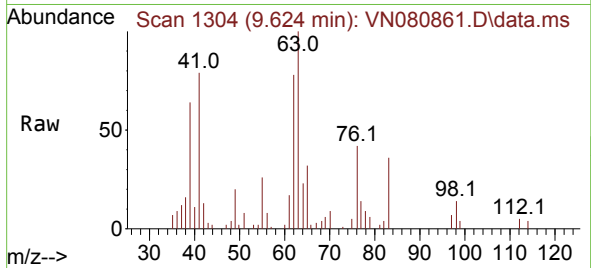




#45
1,2-Dichloropropane
Concen: 20.345 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

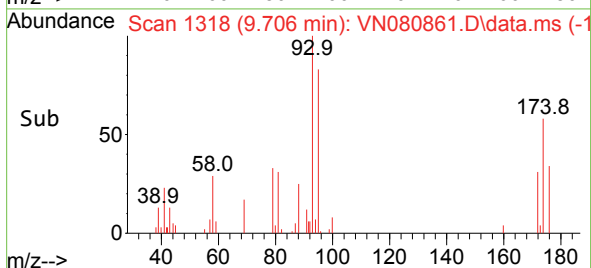
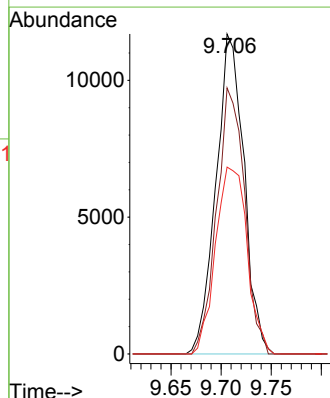
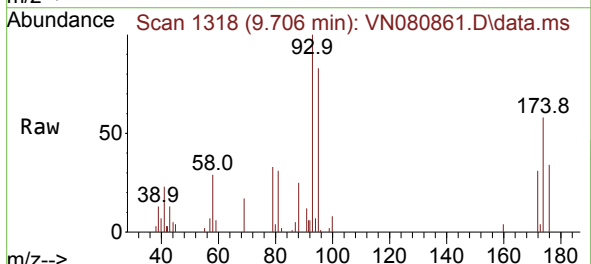
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

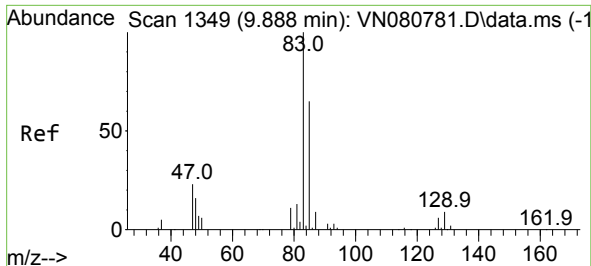
Tgt Ion: 63 Resp: 35909
Ion Ratio Lower Upper
63 100
65 31.7 26.1 39.1



#46
Dibromomethane
Concen: 21.623 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 93 Resp: 22624
Ion Ratio Lower Upper
93 100
95 82.8 68.1 102.1
174 66.0 57.2 85.8

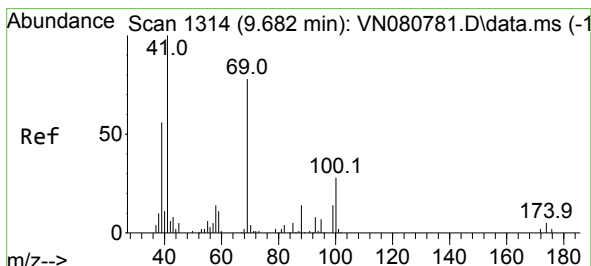
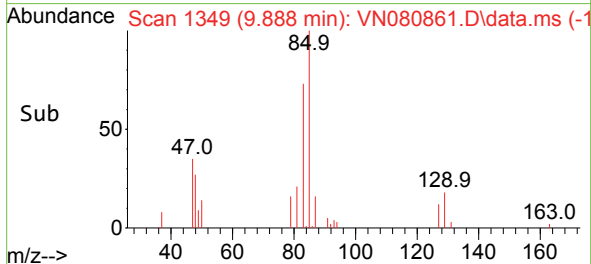
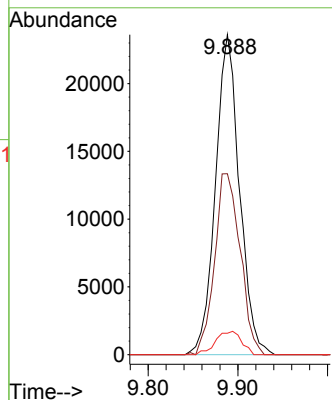
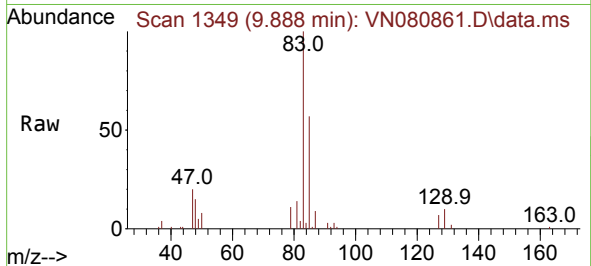




#47
Bromodichloromethane
Concen: 20.649 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

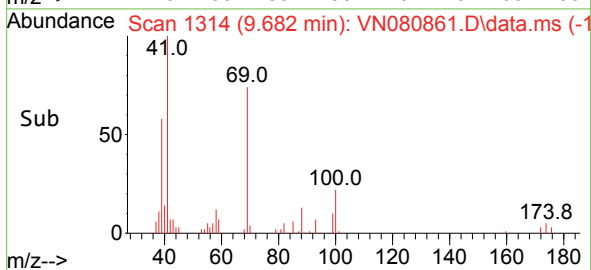
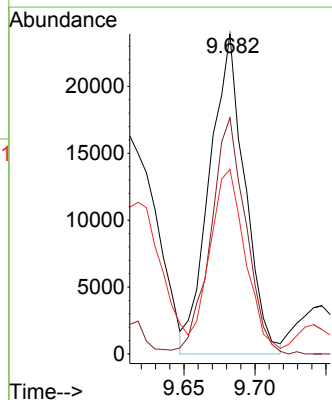
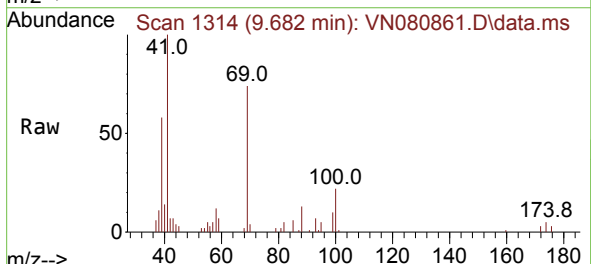
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

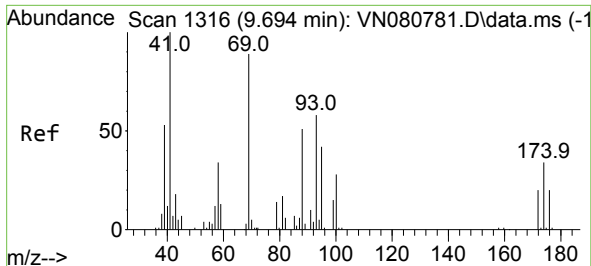
Tgt Ion: 83 Resp: 43865
Ion Ratio Lower Upper
83 100
85 56.6 52.3 78.5
127 6.7 4.6 7.0



#48
Methyl methacrylate
Concen: 20.362 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 41 Resp: 41056
Ion Ratio Lower Upper
41 100
69 73.8 62.2 93.2
39 59.0 47.6 71.4





#49

1,4-Dioxane

Concen: 415.158 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

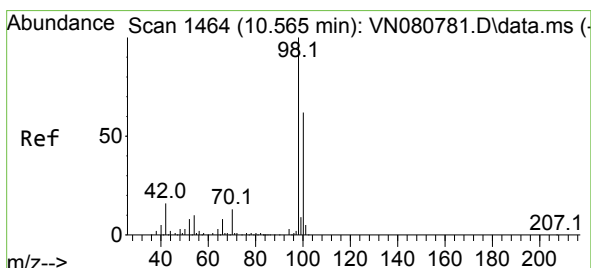
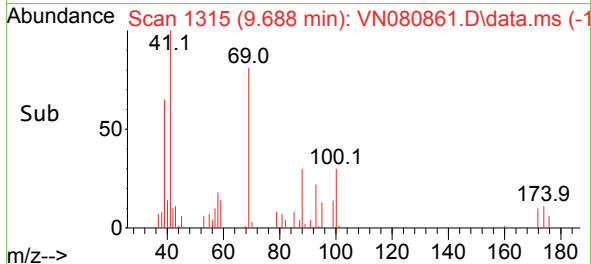
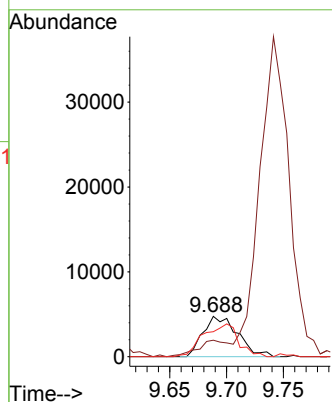
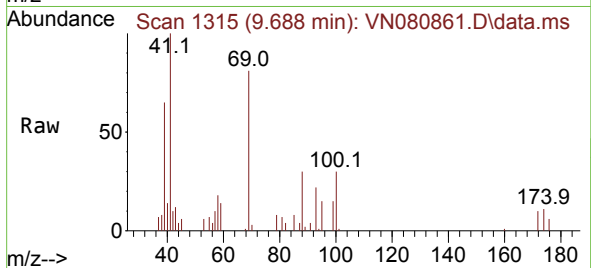
Tgt Ion: 88 Resp: 10083

Ion Ratio Lower Upper

88 100

43 33.8 30.1 45.1

58 82.3 63.9 95.9



#50

Toluene-d8

Concen: 49.946 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080861.D

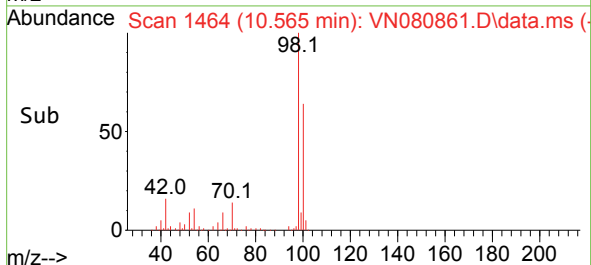
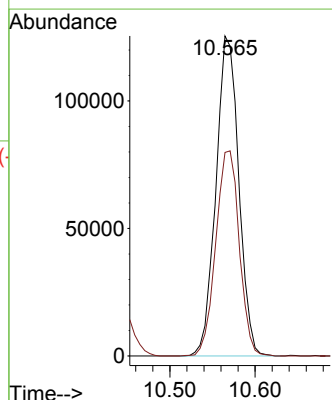
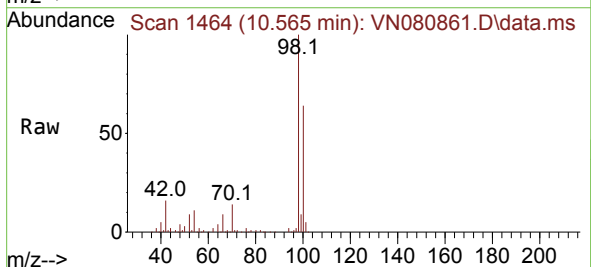
Acq: 01 Feb 2024 11:39

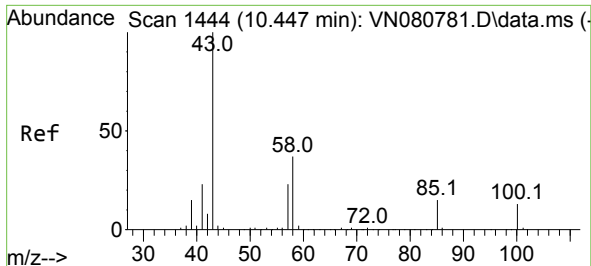
Tgt Ion: 98 Resp: 233393

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.0

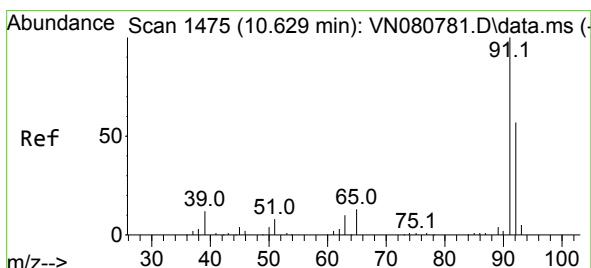
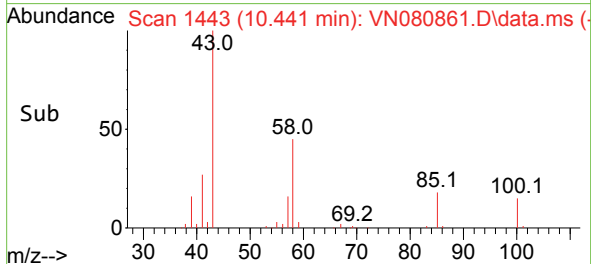
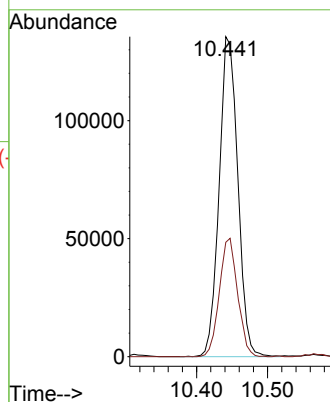
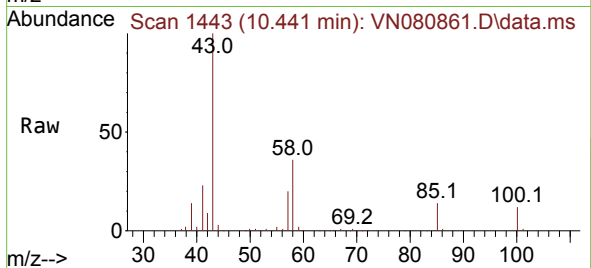




#51
4-Methyl-2-Pentanone
Concen: 106.023 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

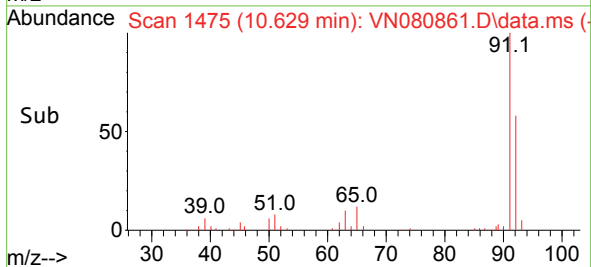
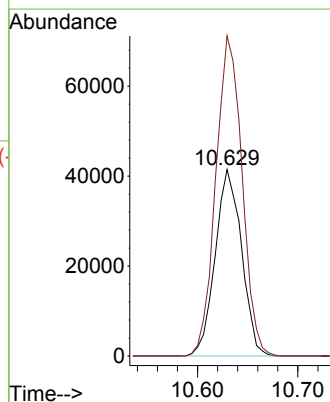
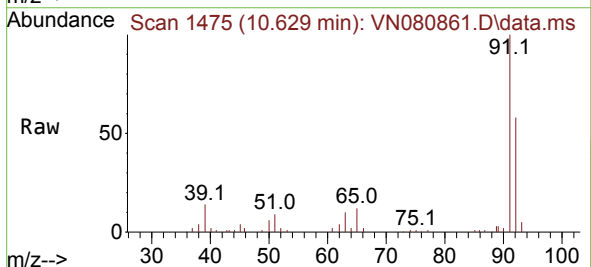
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

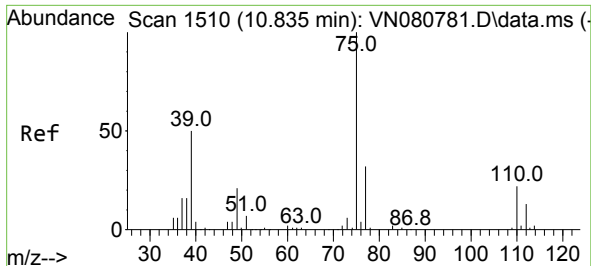
Tgt Ion: 43 Resp: 246502
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0



#52
Toluene
Concen: 20.237 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 92 Resp: 75678
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0

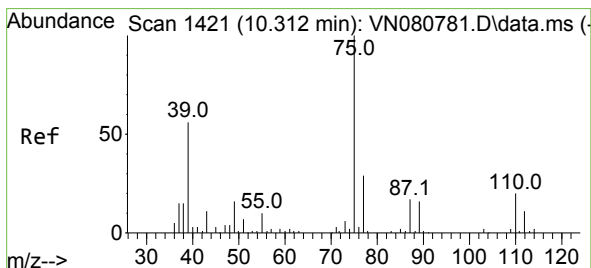
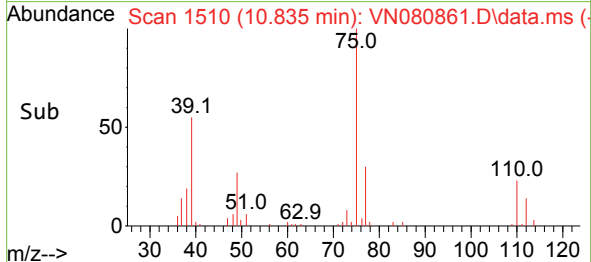
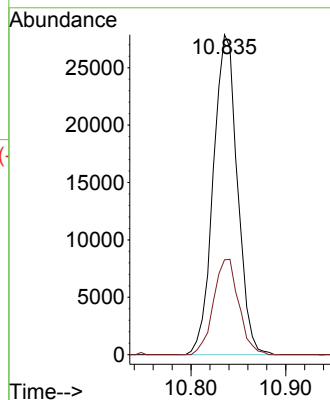
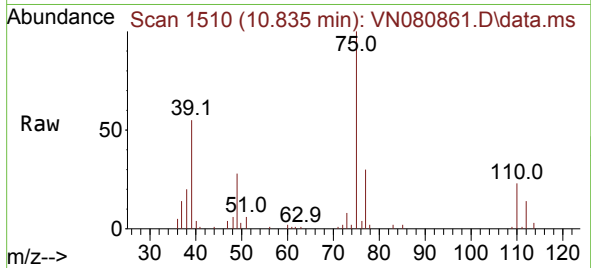




#53
 t-1,3-Dichloropropene
 Concen: 19.998 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

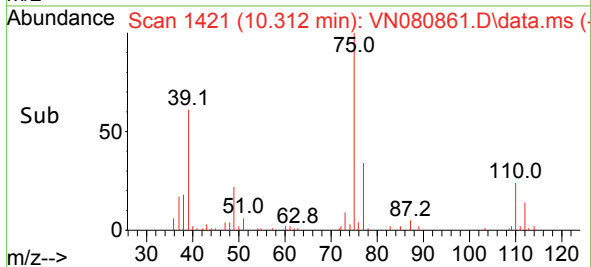
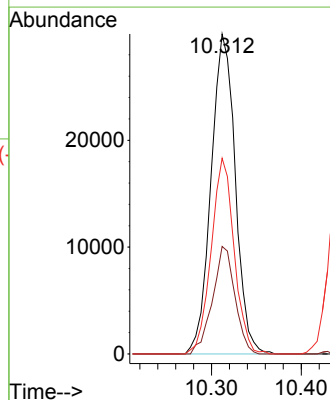
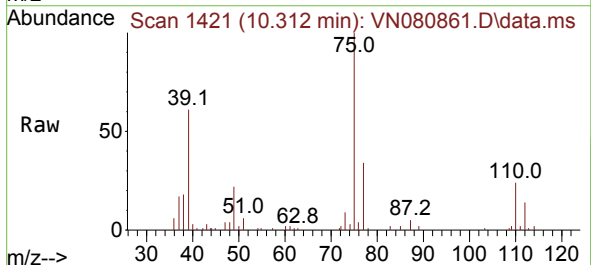
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

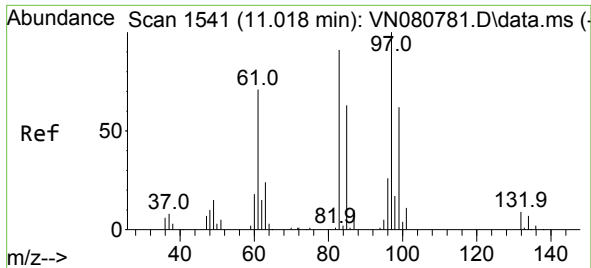
Tgt Ion: 75 Resp: 49488
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.835 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion: 75 Resp: 56068
 Ion Ratio Lower Upper
 75 100
 77 33.6 23.3 34.9
 39 61.1 44.6 66.8

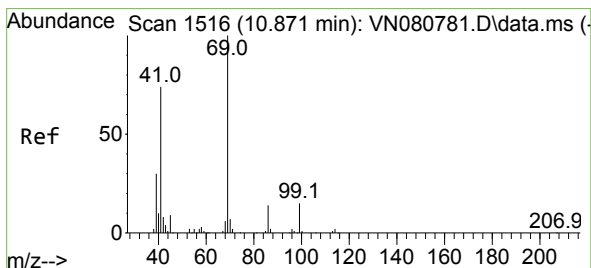
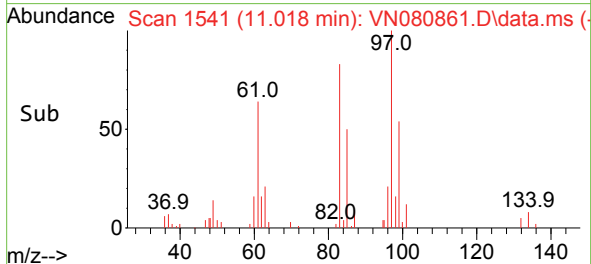
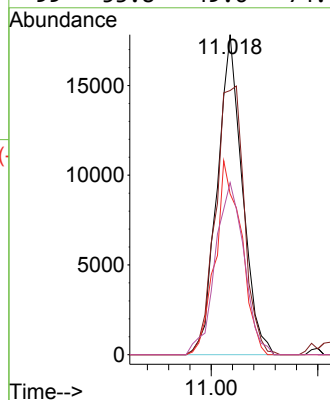
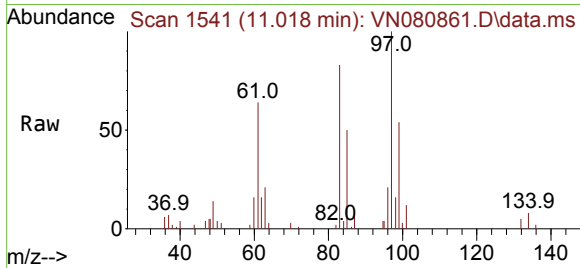




#55
 1,1,2-Trichloroethane
 Concen: 20.265 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

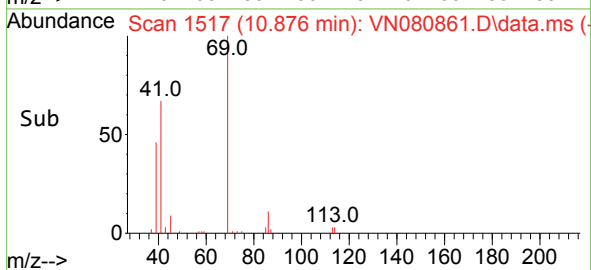
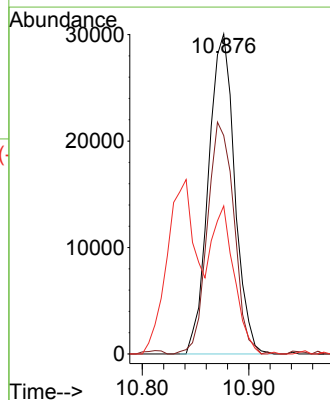
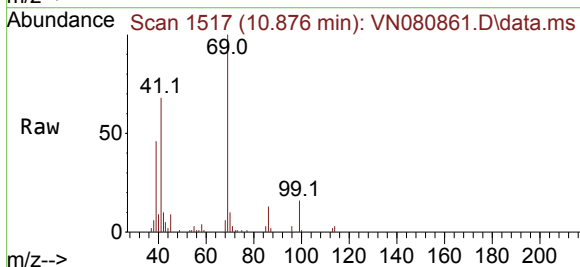
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

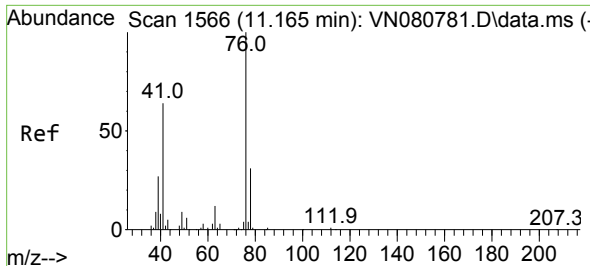
Tgt Ion: 97	Resp: 29123
Ion Ratio	Lower Upper
97 100	
83 82.5	72.9 109.3
85 50.3	50.2 75.2
99 53.8	49.6 74.4



#56
 Ethyl methacrylate
 Concen: 23.260 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.005 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion: 69	Resp: 51388
Ion Ratio	Lower Upper
69 100	
41 73.5	61.0 91.6
39 39.9	31.8 47.6

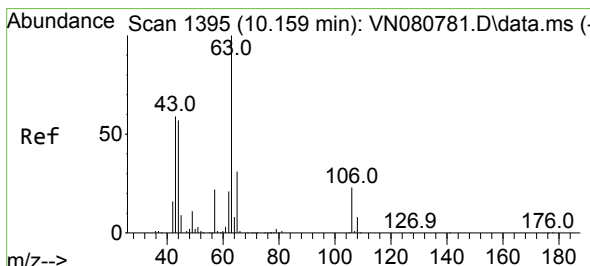
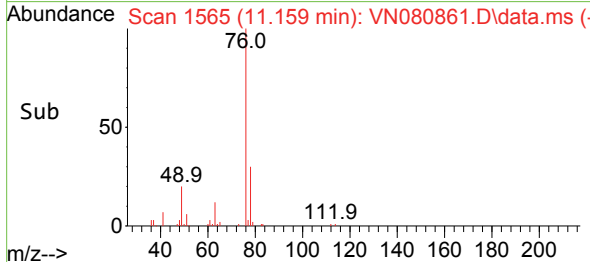
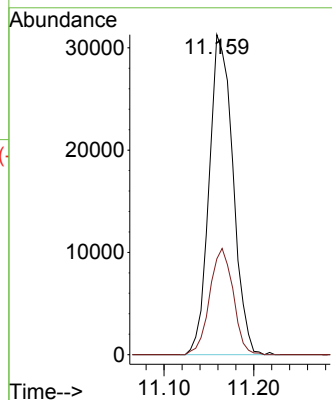
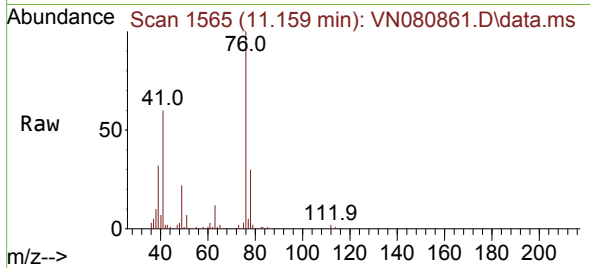




#57
1,3-Dichloropropane
Concen: 21.313 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

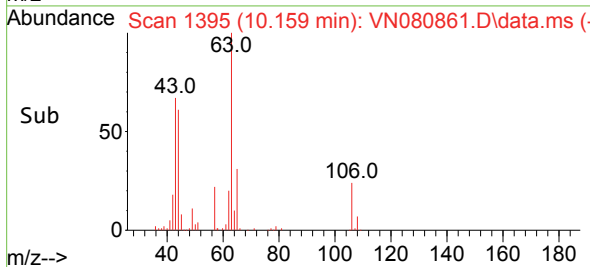
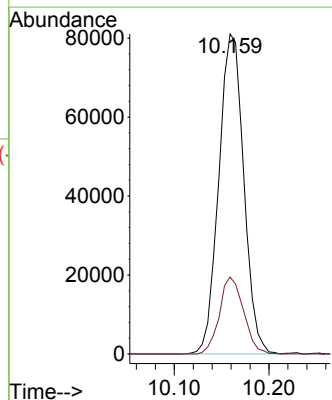
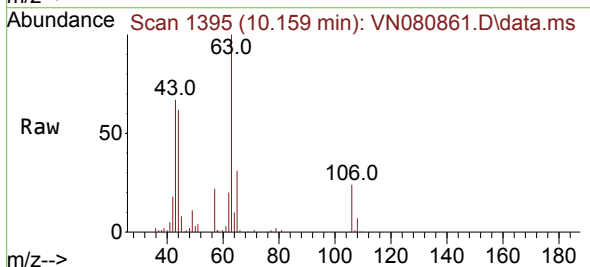
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

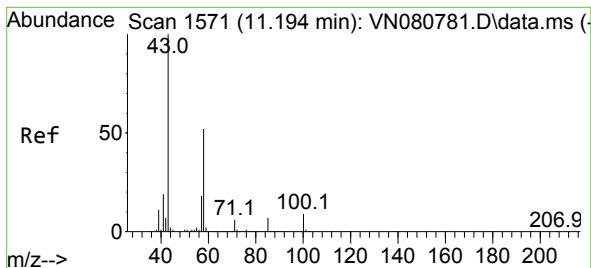
Tgt Ion: 76 Resp: 57644
Ion Ratio Lower Upper
76 100
78 32.7 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 115.257 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 63 Resp: 148441
Ion Ratio Lower Upper
63 100
106 23.2 18.6 28.0

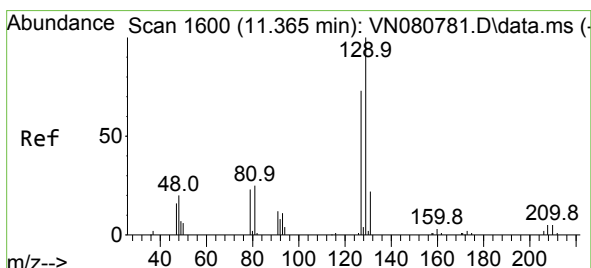
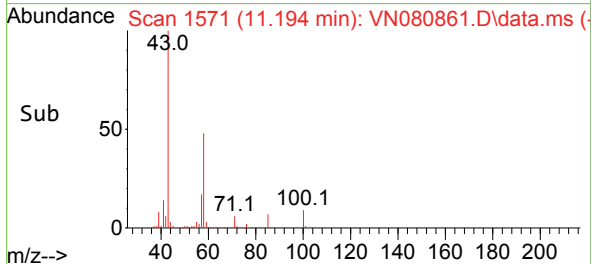
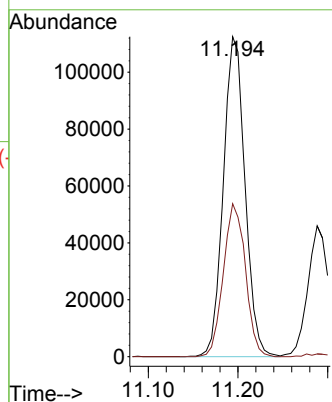
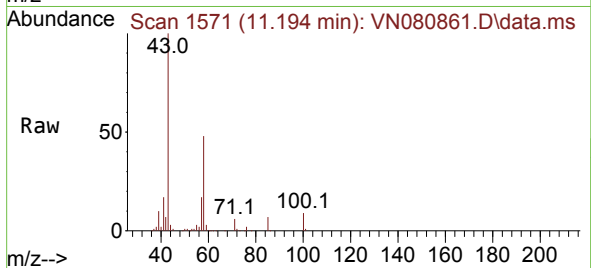




#59
2-Hexanone
Concen: 104.422 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

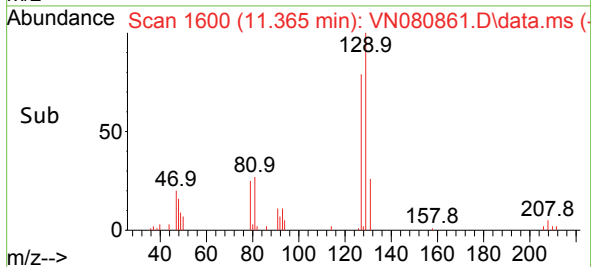
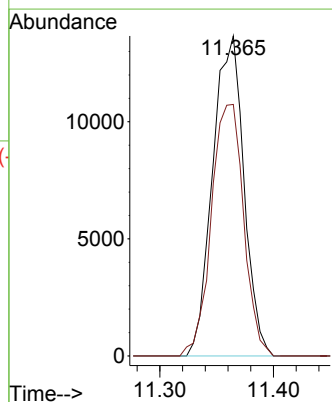
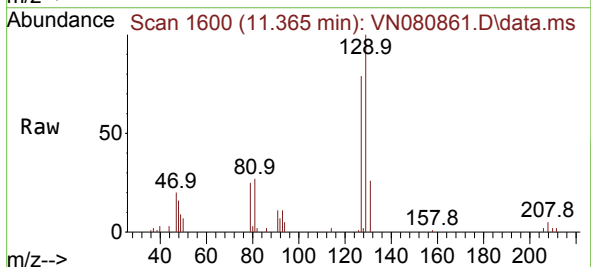
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

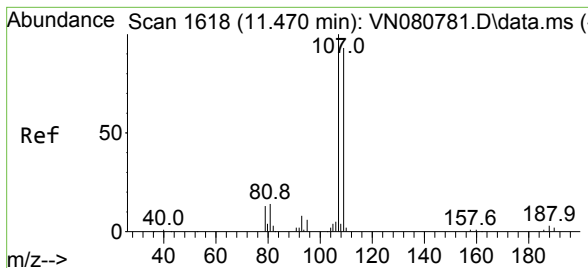
Tgt Ion: 43 Resp: 188585
Ion Ratio Lower Upper
43 100
58 48.7 25.9 77.8



#60
Dibromochloromethane
Concen: 19.511 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 129 Resp: 26081
Ion Ratio Lower Upper
129 100
127 81.2 39.4 118.2

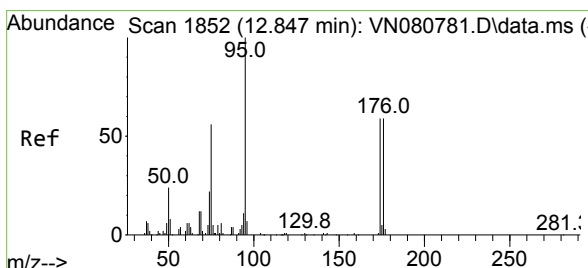
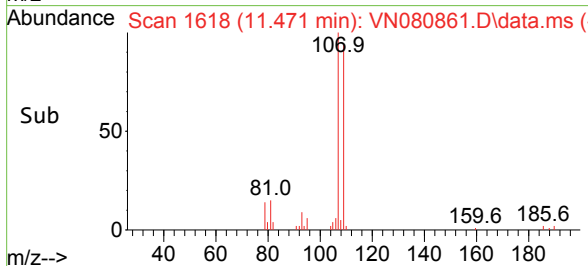
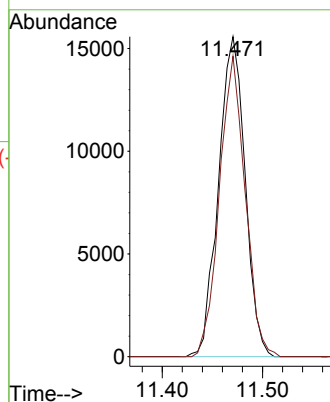
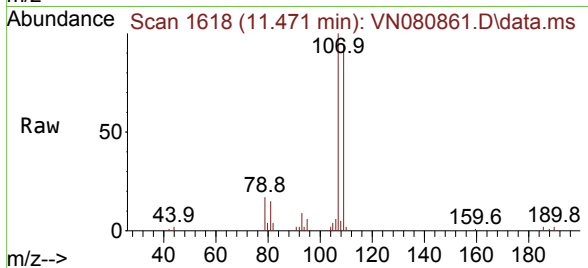




#61
1,2-Dibromoethane
Concen: 21.340 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

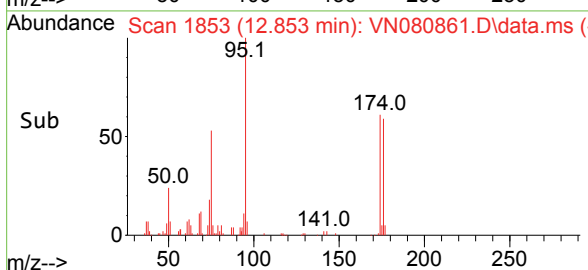
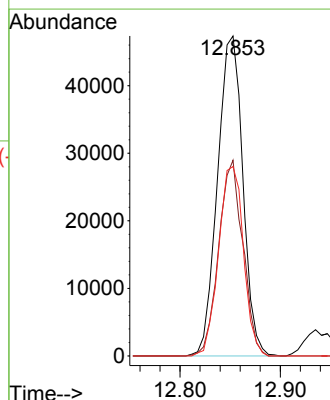
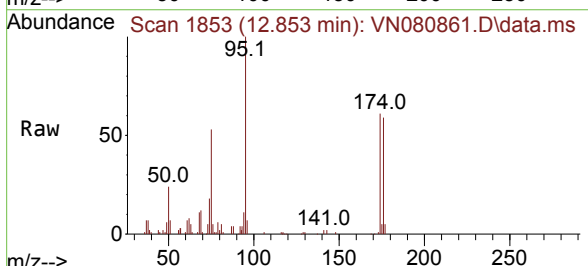
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

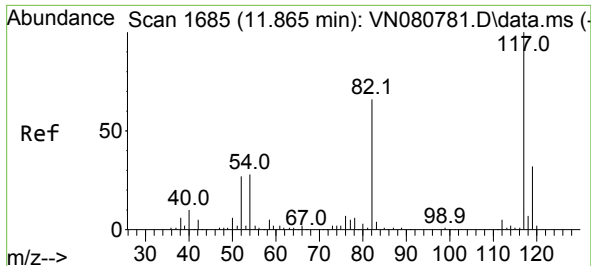
Tgt Ion:107 Resp: 28742
Ion Ratio Lower Upper
107 100
109 90.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.982 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 95 Resp: 83017
Ion Ratio Lower Upper
95 100
174 58.5 0.0 120.4
176 58.1 0.0 121.0

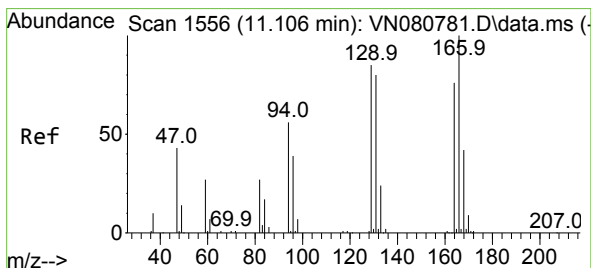
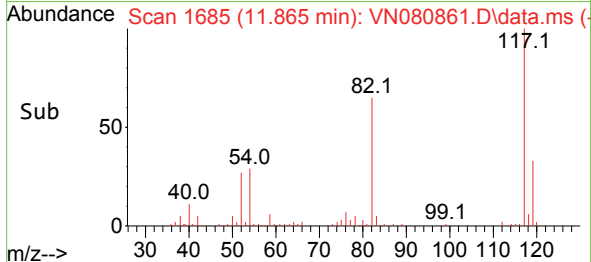
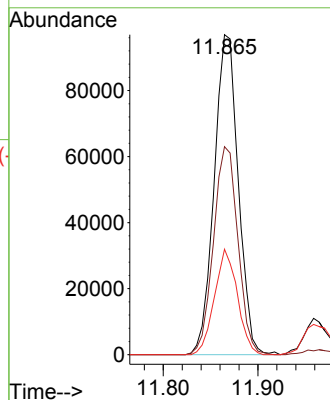
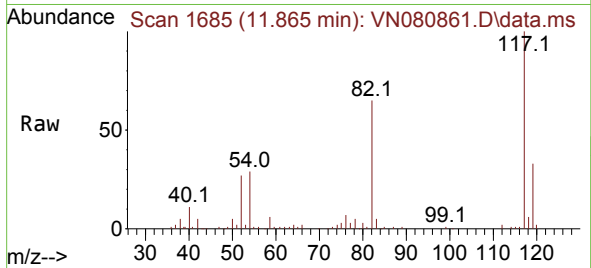




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

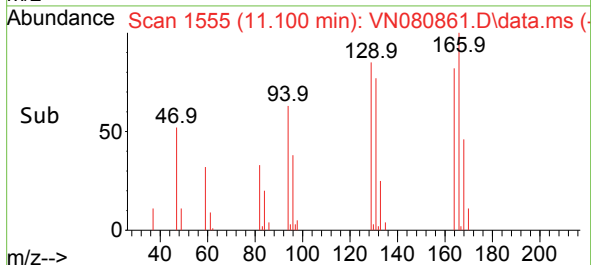
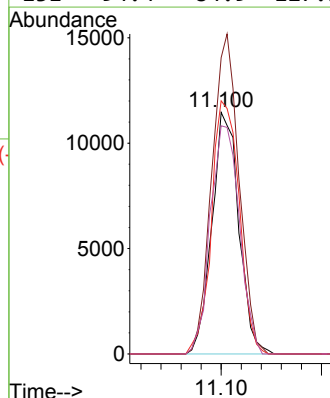
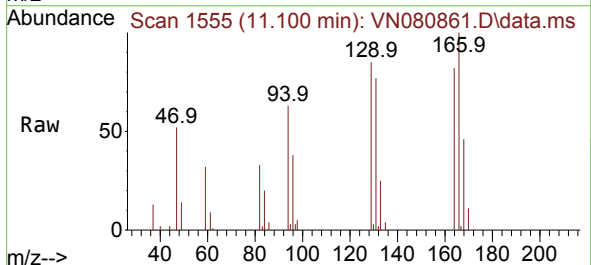
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

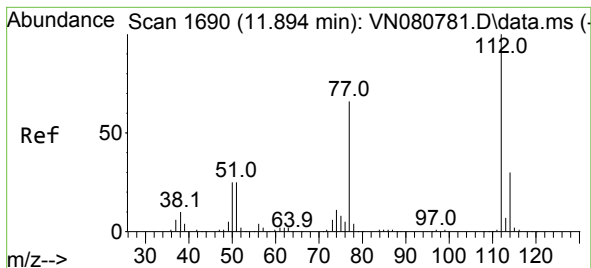
Tgt Ion:117 Resp: 171568
Ion Ratio Lower Upper
117 100
82 65.0 52.7 79.1
119 33.0 25.3 37.9



#64
Tetrachloroethene
Concen: 18.938 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:164 Resp: 21356
Ion Ratio Lower Upper
164 100
166 122.6 105.8 158.6
129 104.7 89.6 134.4
131 94.4 84.9 127.3

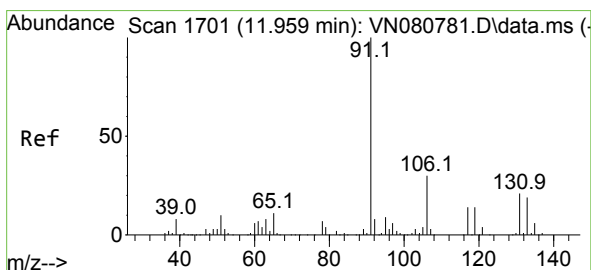
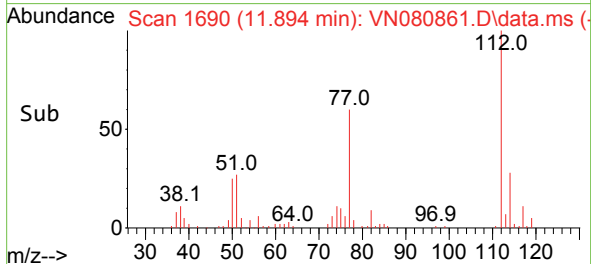
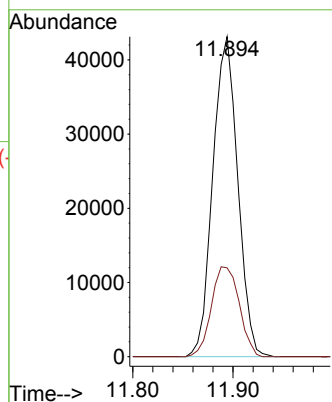
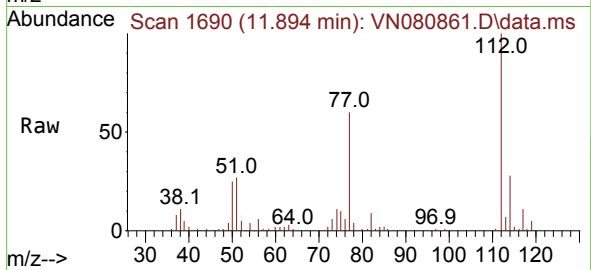




#65
Chlorobenzene
Concen: 19.896 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

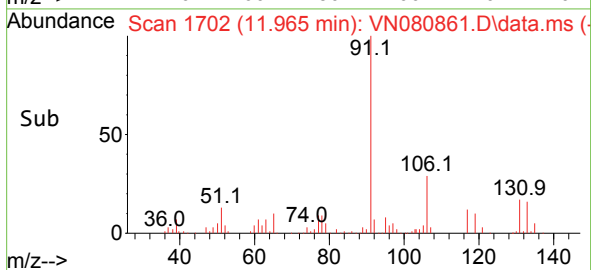
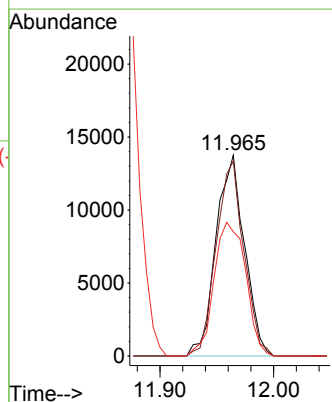
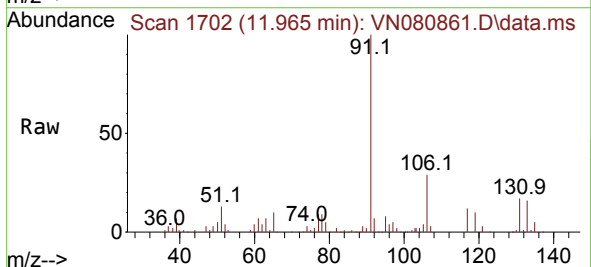
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

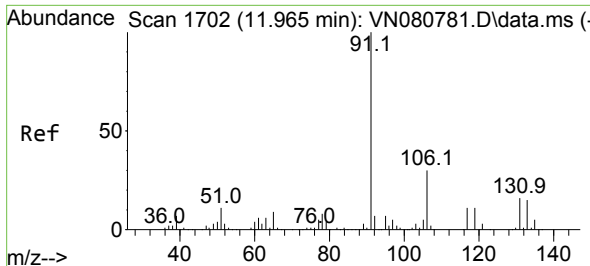
Tgt Ion:112 Resp: 74500
Ion Ratio Lower Upper
112 100
114 27.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.709 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:131 Resp: 23999
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 73.9 34.6 103.9

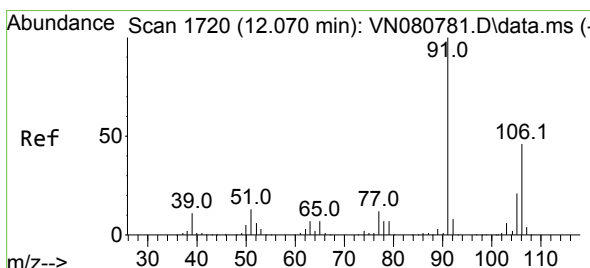
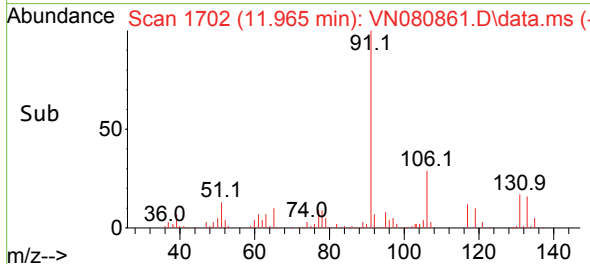
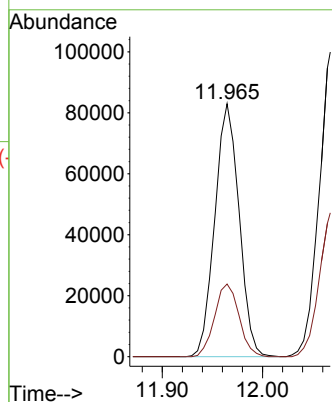
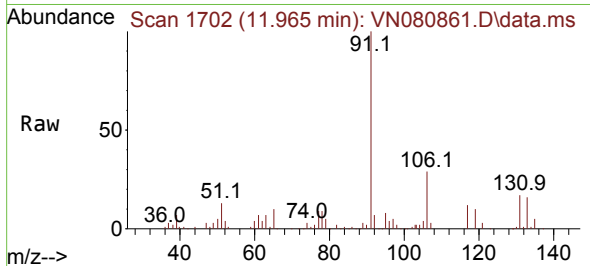




#67
Ethyl Benzene
Concen: 20.026 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

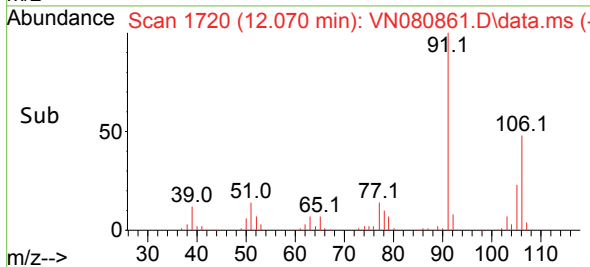
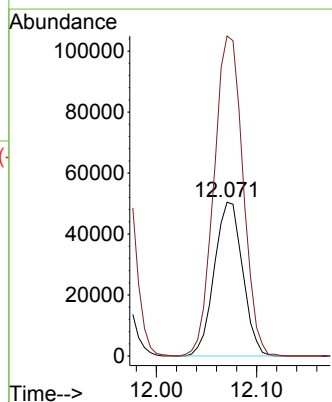
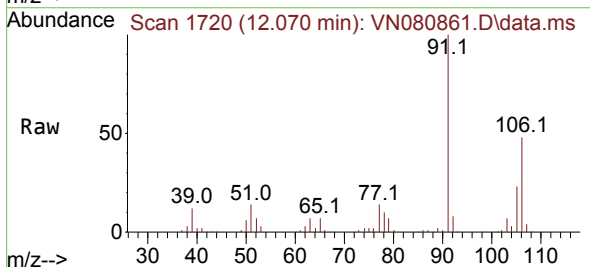
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

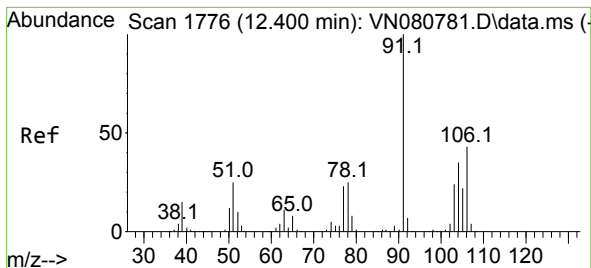
Tgt Ion: 91 Resp: 139373
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6



#68
m/p-Xylenes
Concen: 40.001 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:106 Resp: 98866
Ion Ratio Lower Upper
106 100
91 213.6 169.0 253.6

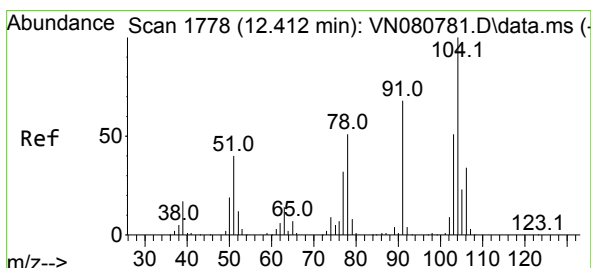
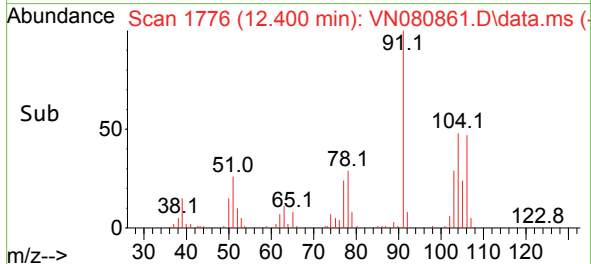
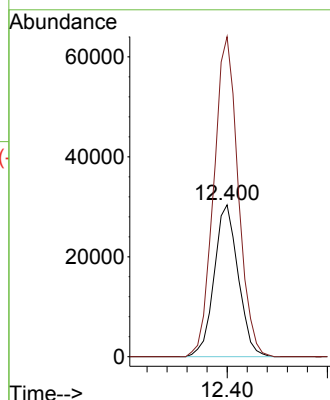
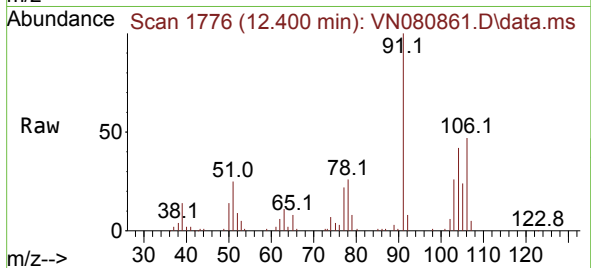




#69
o-Xylene
Concen: 20.594 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

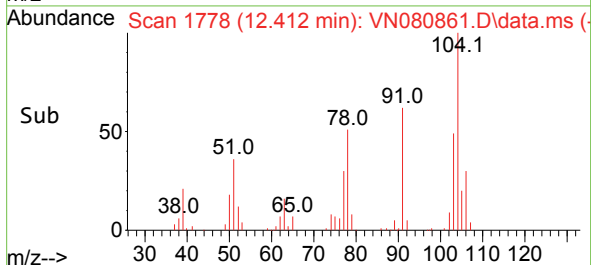
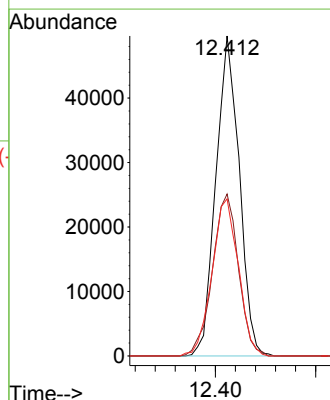
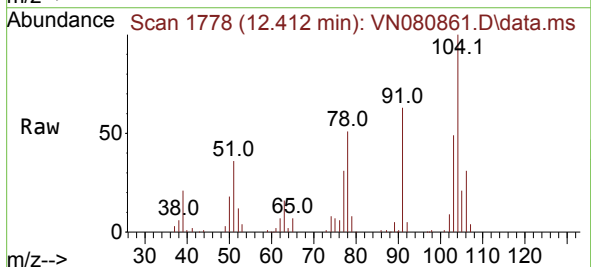
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

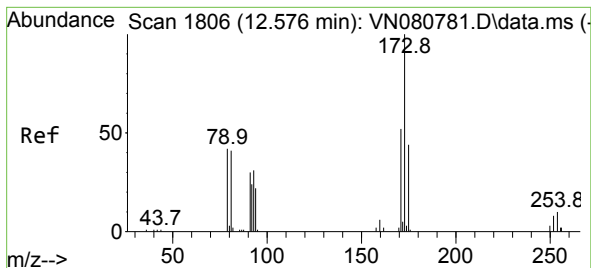
Tgt Ion:106 Resp: 50576
Ion Ratio Lower Upper
106 100
91 214.0 112.1 336.3



#70
Styrene
Concen: 20.382 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:104 Resp: 80389
Ion Ratio Lower Upper
104 100
78 56.2 43.8 65.8
103 55.3 44.2 66.2





#71

Bromoform

Concen: 18.568 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

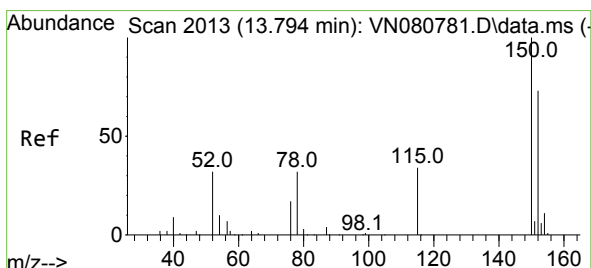
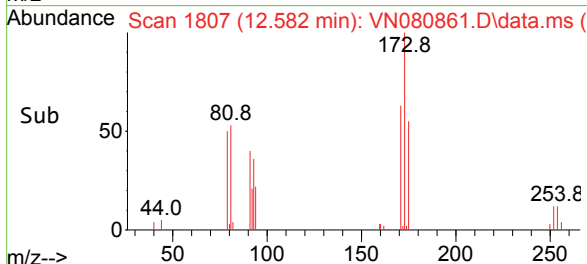
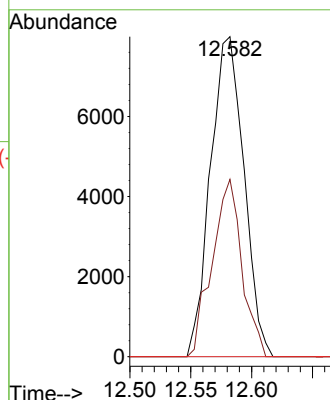
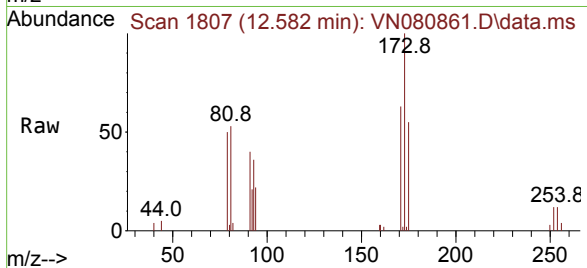
Tgt Ion:173 Resp: 15287

Ion Ratio Lower Upper

173 100

175 49.3 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

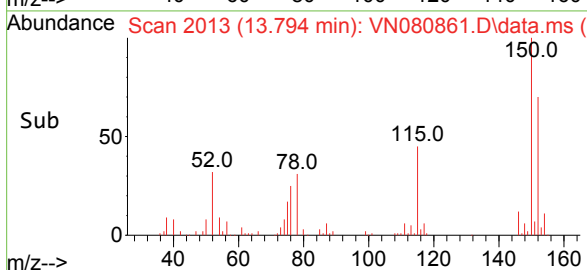
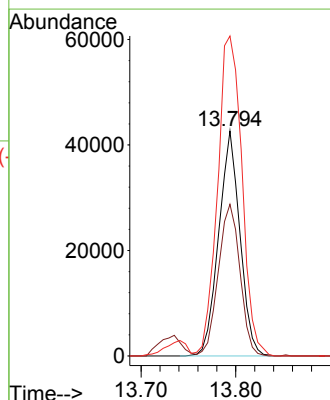
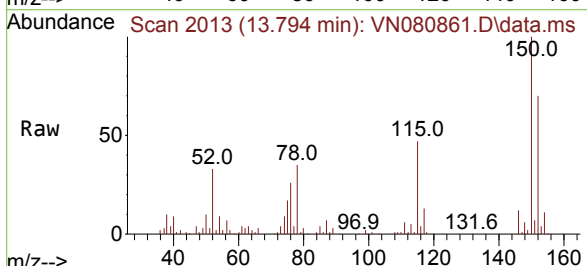
Tgt Ion:152 Resp: 66417

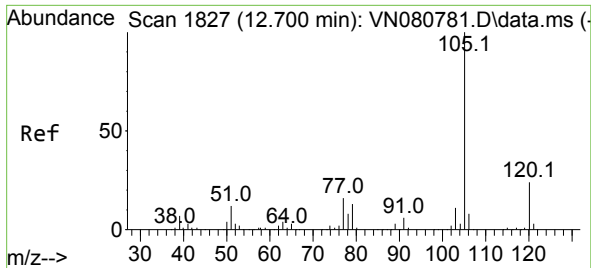
Ion Ratio Lower Upper

152 100

115 68.7 32.3 96.8

150 163.4 0.0 339.8

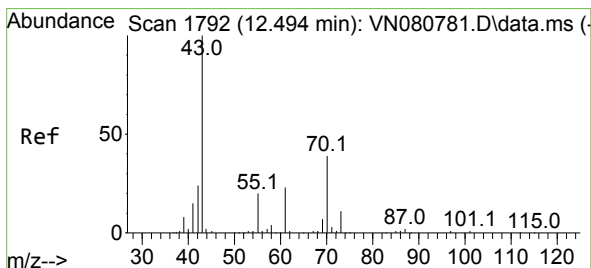
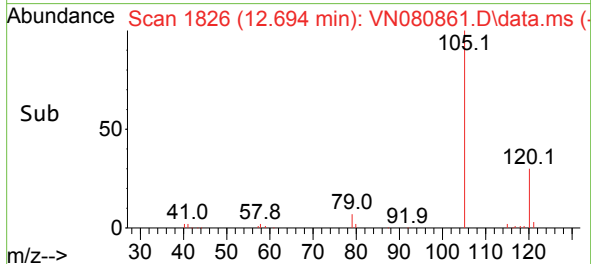
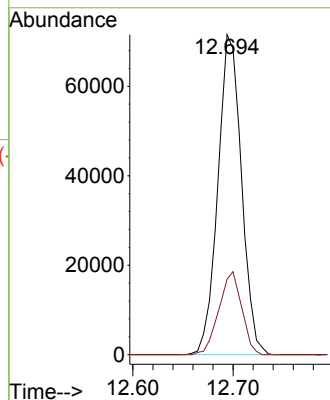
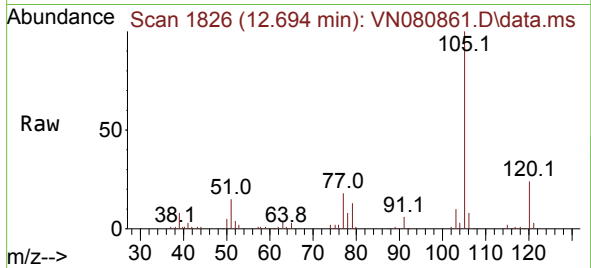




#73
Isopropylbenzene
Concen: 19.228 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

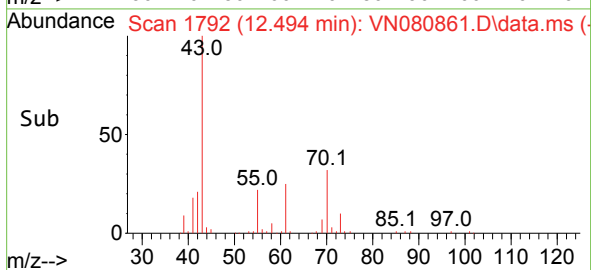
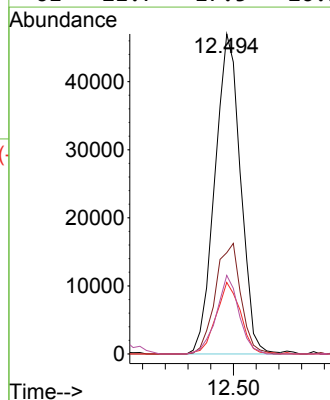
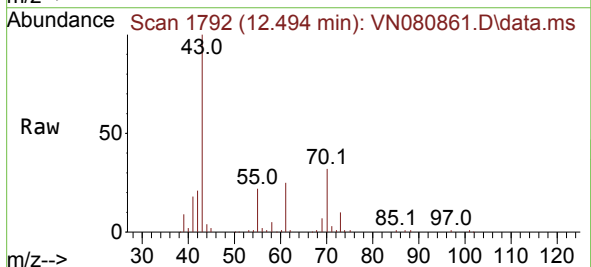
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

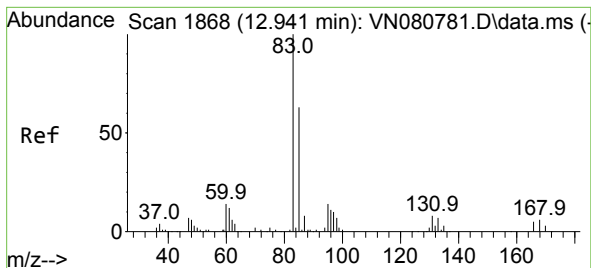
Tgt Ion:105 Resp: 116948
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.6



#74
N-ethyl acetate
Concen: 19.498 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 43 Resp: 73629
Ion Ratio Lower Upper
43 100
70 34.4 30.1 45.1
55 21.2 17.0 25.4
61 21.7 17.5 26.3

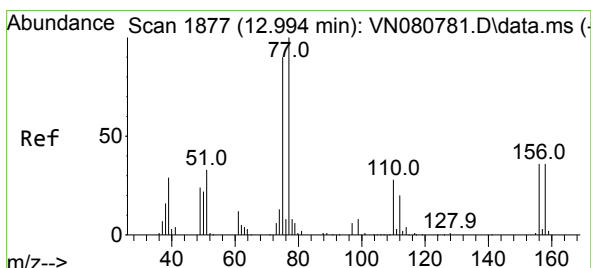
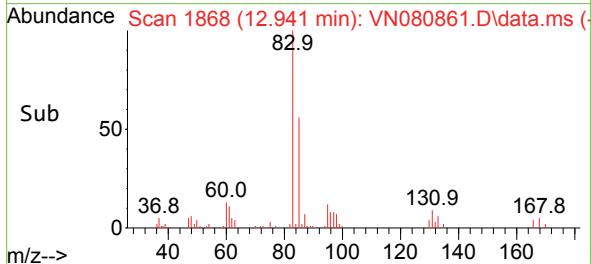
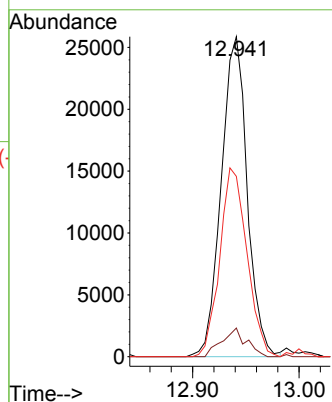
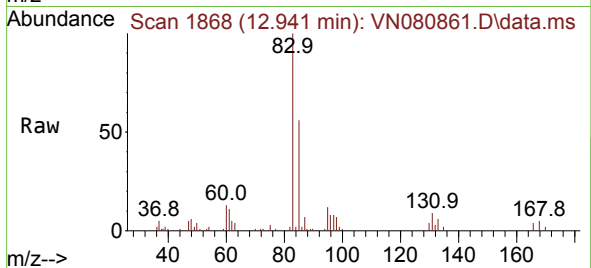




#75
1,1,2,2-Tetrachloroethane
Concen: 20.463 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

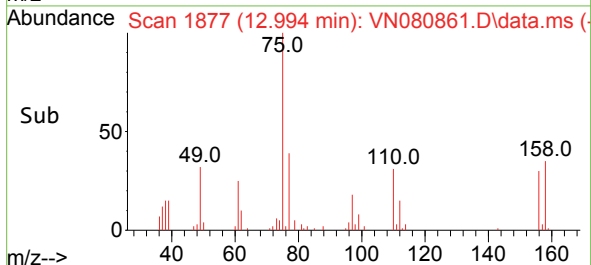
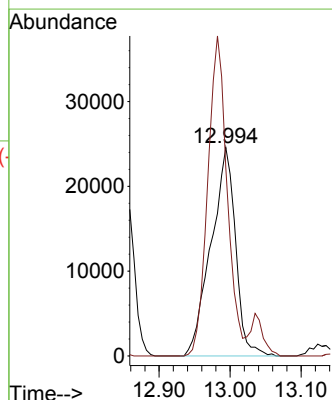
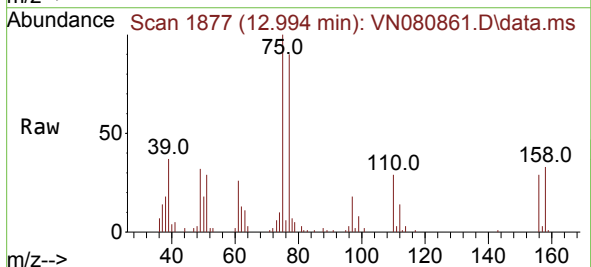
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

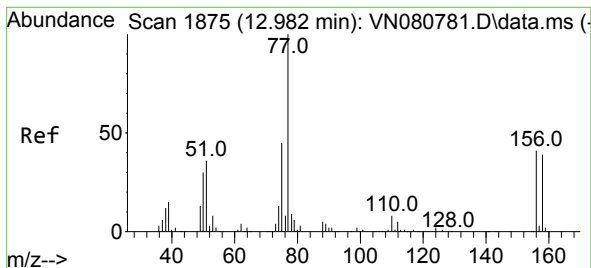
Tgt Ion: 83 Resp: 43780
Ion Ratio Lower Upper
83 100
131 8.4 4.1 12.3
85 61.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 29.347 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 75 Resp: 58787
Ion Ratio Lower Upper
75 100
77 121.3 91.0 272.8





#77

Bromobenzene

Concen: 19.076 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

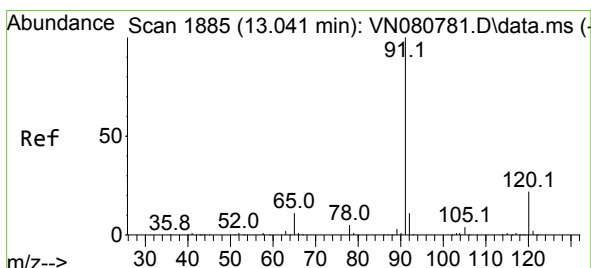
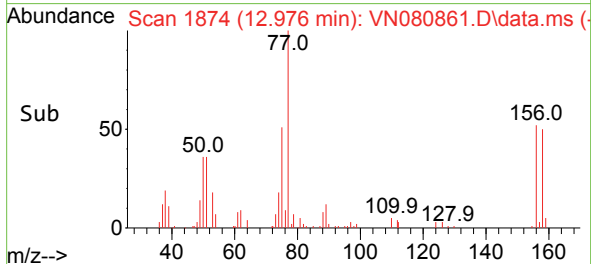
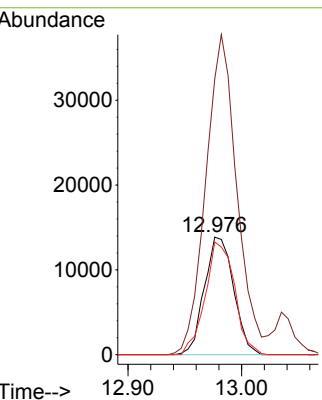
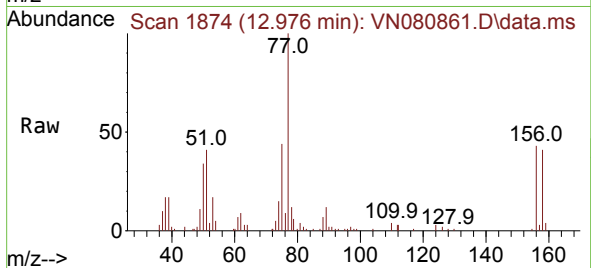
Tgt Ion:156 Resp: 24802

Ion Ratio Lower Upper

156 100

77 287.6 138.1 414.3

158 96.6 46.5 139.5



#78

n-propylbenzene

Concen: 19.689 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080861.D

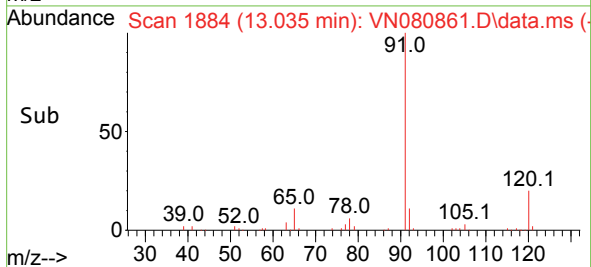
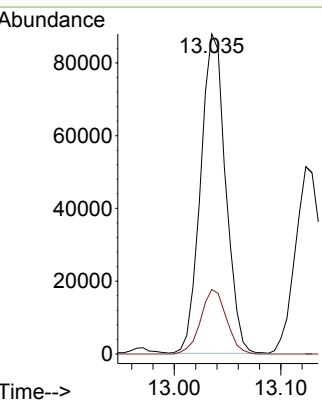
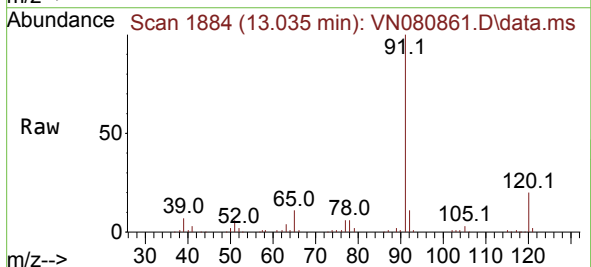
Acq: 01 Feb 2024 11:39

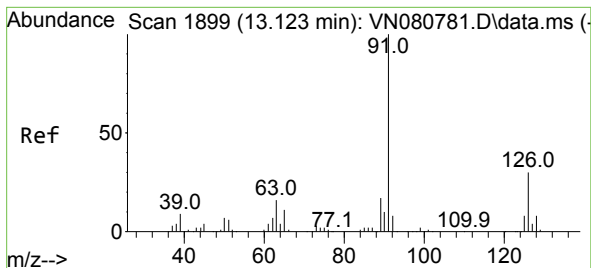
Tgt Ion: 91 Resp: 143060

Ion Ratio Lower Upper

91 100

120 20.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.405 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

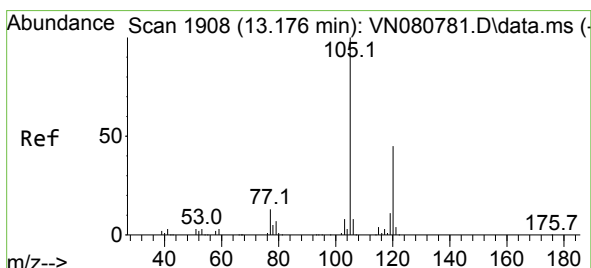
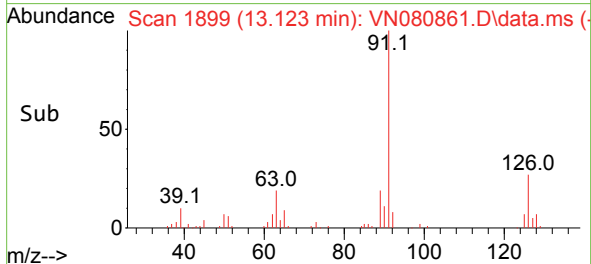
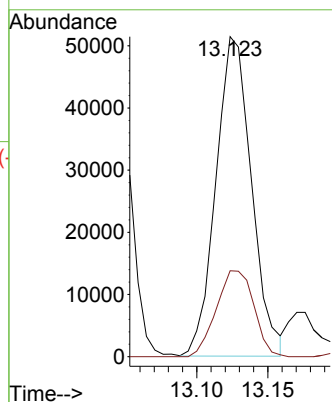
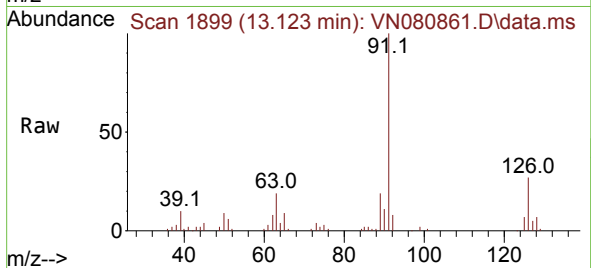
VN0201WBSD01

Tgt Ion: 91 Resp: 89615

Ion Ratio Lower Upper

91 100

126 28.3 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.693 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080861.D

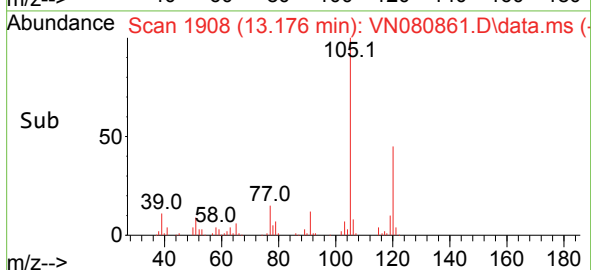
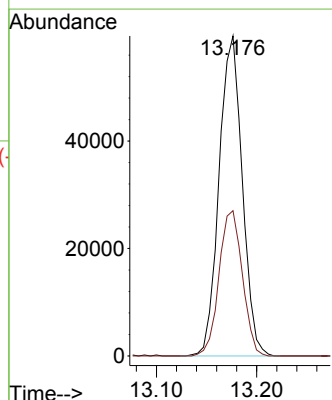
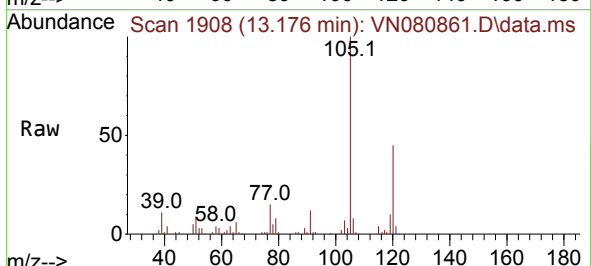
Acq: 01 Feb 2024 11:39

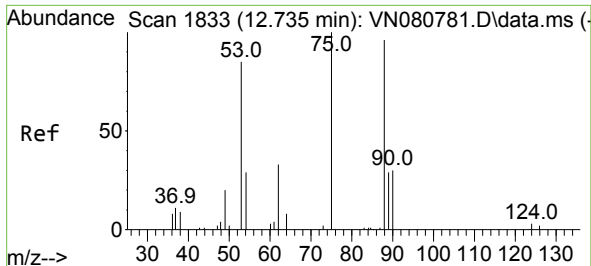
Tgt Ion:105 Resp: 95392

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0

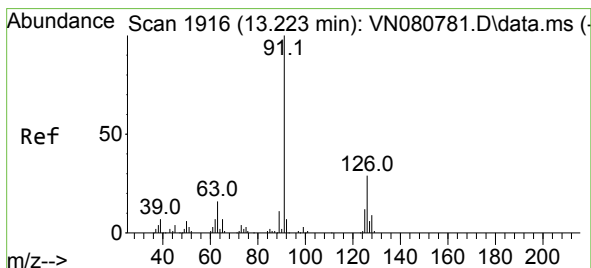
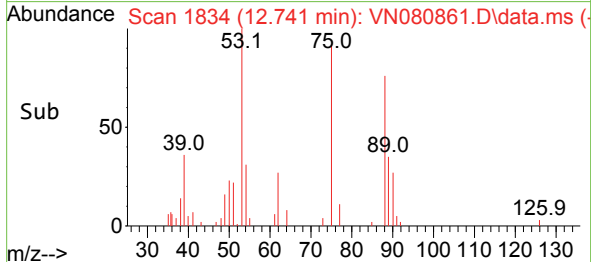
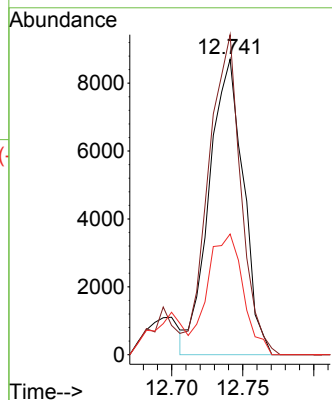
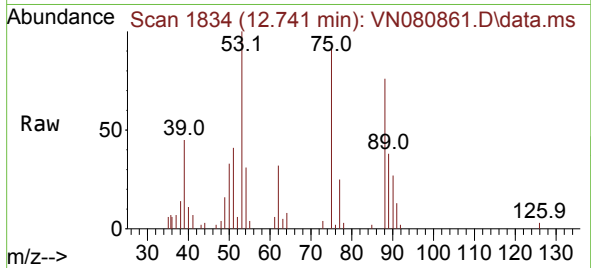




#81
trans-1,4-Dichloro-2-butene
Concen: 18.724 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

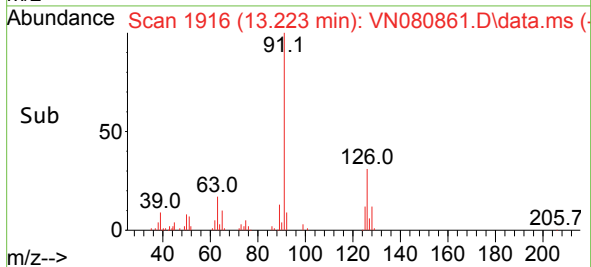
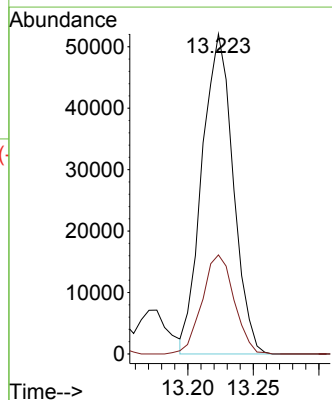
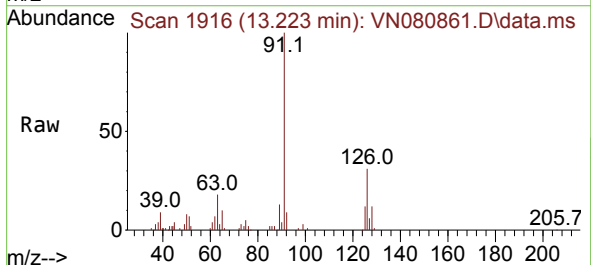
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

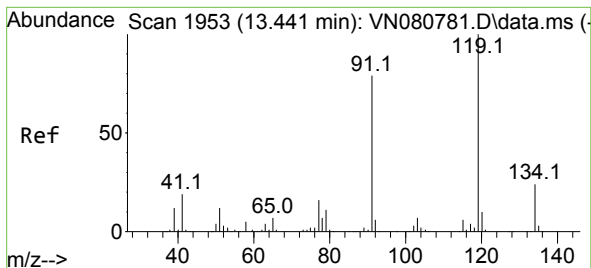
Tgt Ion: 75 Resp: 14559
Ion Ratio Lower Upper
75 100
53 102.7 71.4 107.2
89 42.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.869 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 91 Resp: 86287
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.055 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

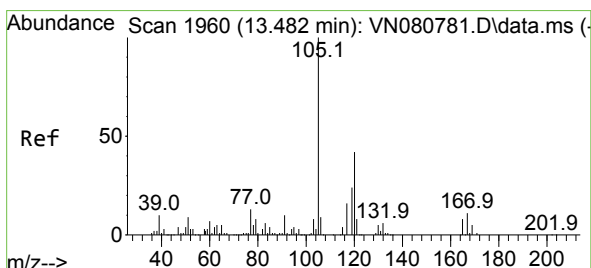
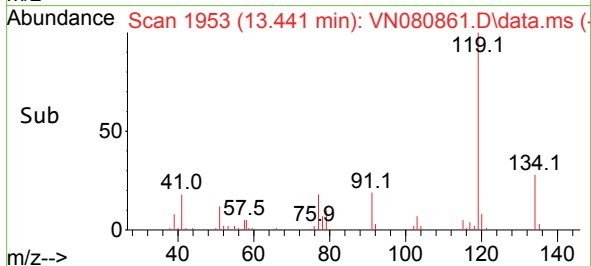
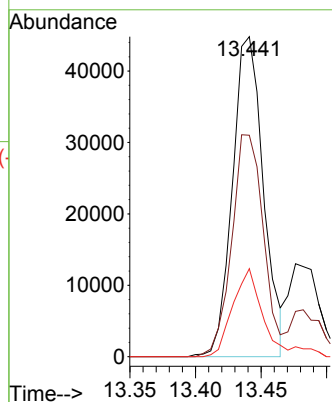
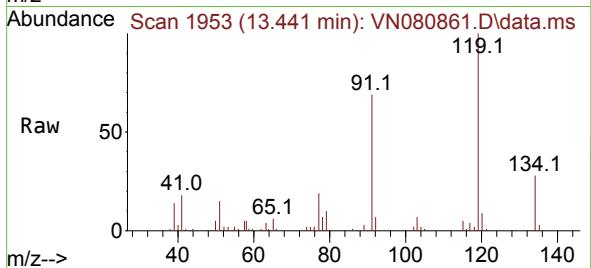
Tgt Ion:119 Resp: 73707

Ion Ratio Lower Upper

119 100

91 70.7 36.8 110.4

134 27.9 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.369 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080861.D

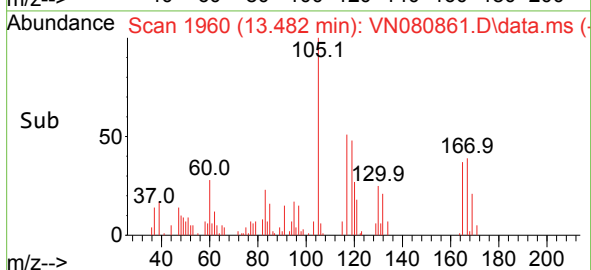
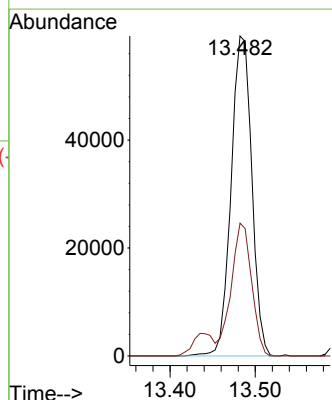
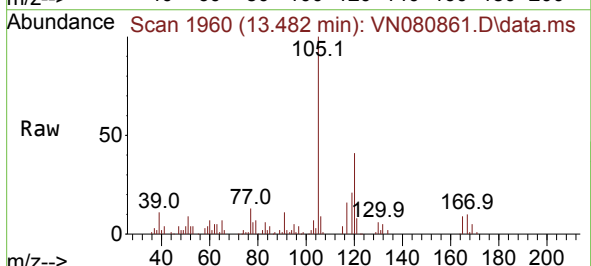
Acq: 01 Feb 2024 11:39

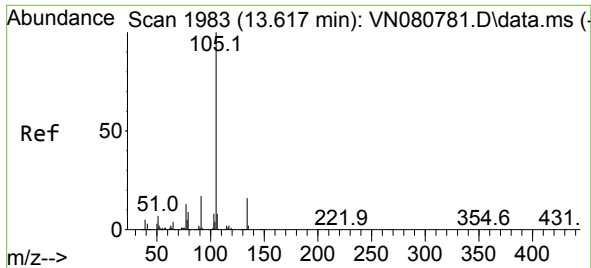
Tgt Ion:105 Resp: 99967

Ion Ratio Lower Upper

105 100

120 41.1 20.9 62.7

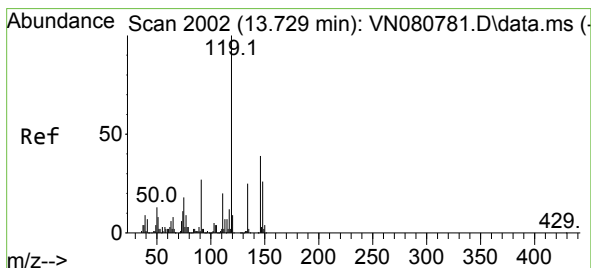
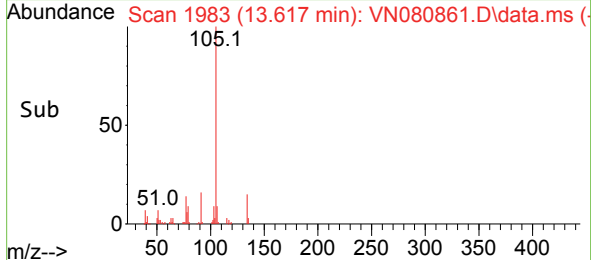
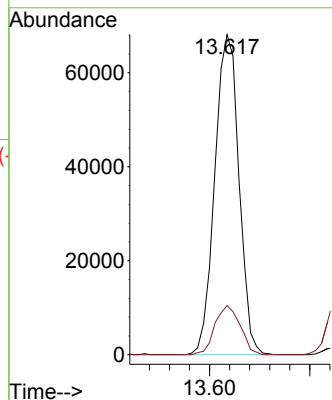
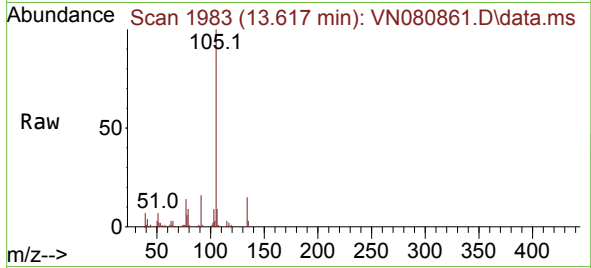




#85
 sec-Butylbenzene
 Concen: 19.977 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

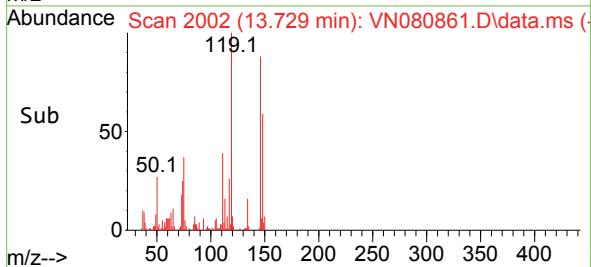
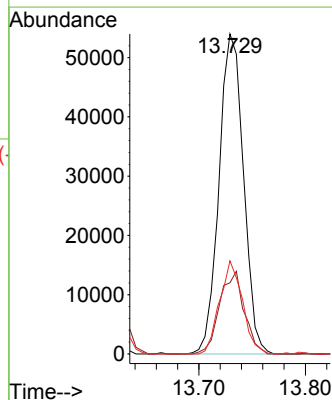
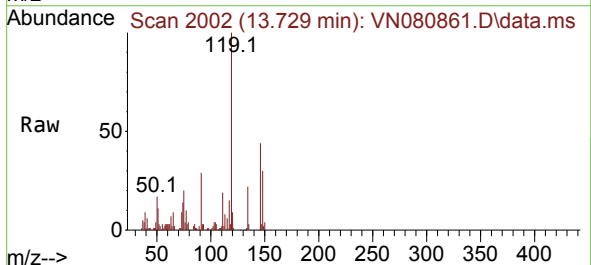
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

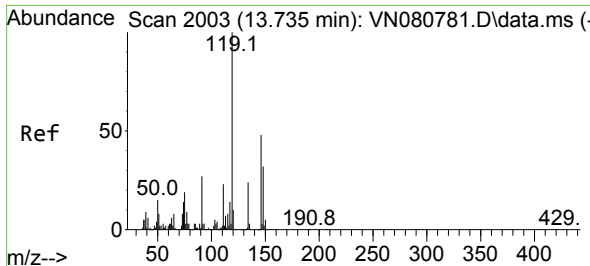
Tgt Ion:105 Resp: 113922
 Ion Ratio Lower Upper
 105 100
 134 16.0 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.419 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080861.D
 Acq: 01 Feb 2024 11:39

Tgt Ion:119 Resp: 86058
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 27.2 13.5 40.4

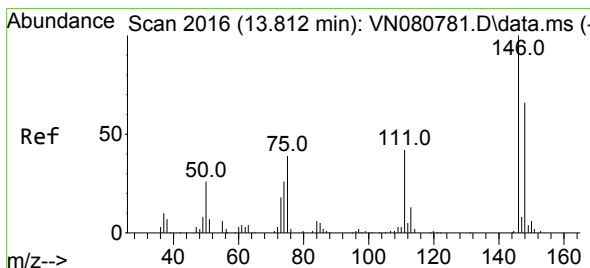
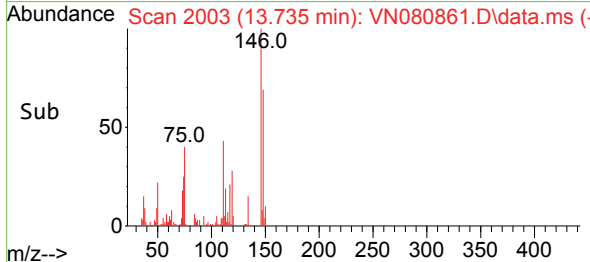
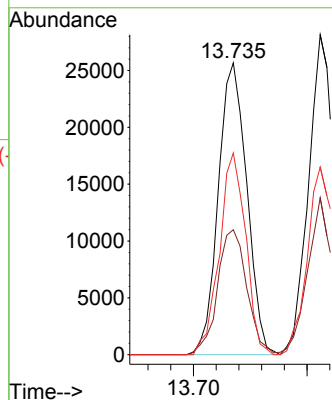
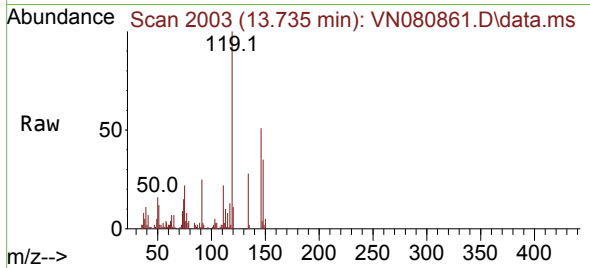




#87
1,3-Dichlorobenzene
Concen: 19.263 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

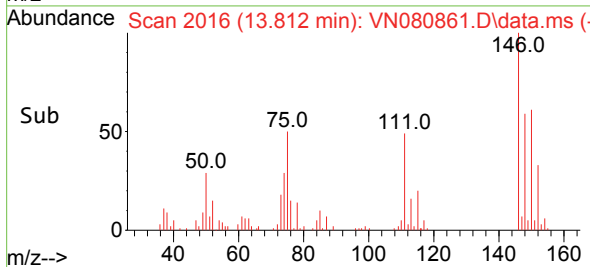
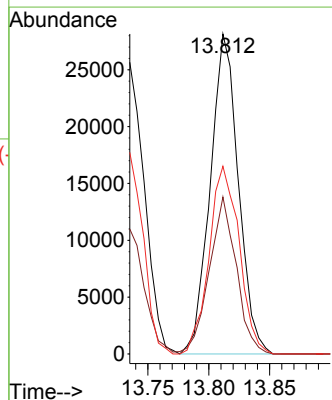
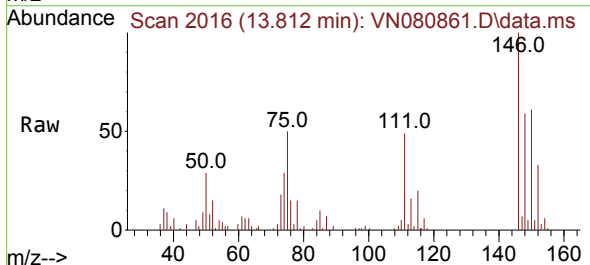
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

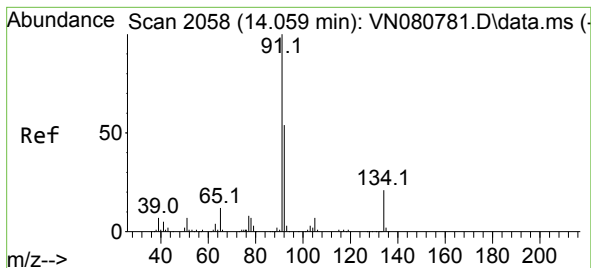
Tgt Ion:146 Resp: 44796
Ion Ratio Lower Upper
146 100
111 44.0 23.9 71.7
148 63.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.390 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:146 Resp: 45207
Ion Ratio Lower Upper
146 100
111 47.2 22.6 67.7
148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 19.789 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

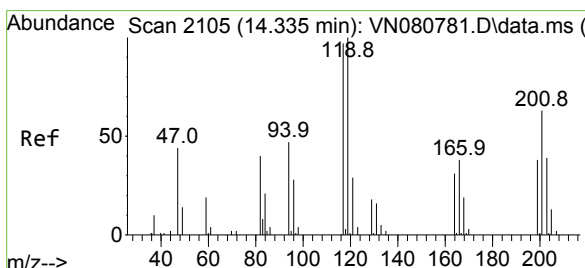
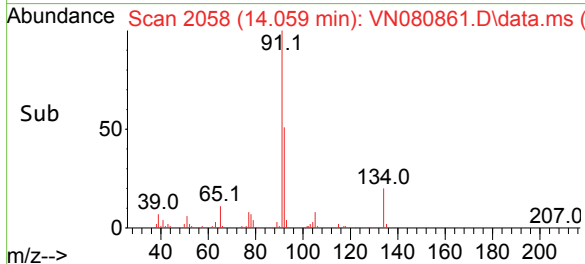
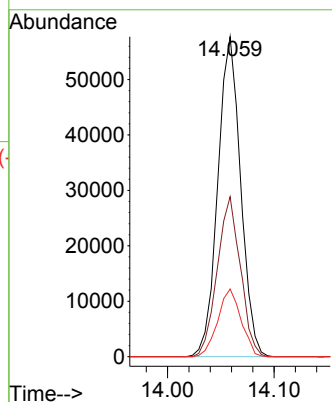
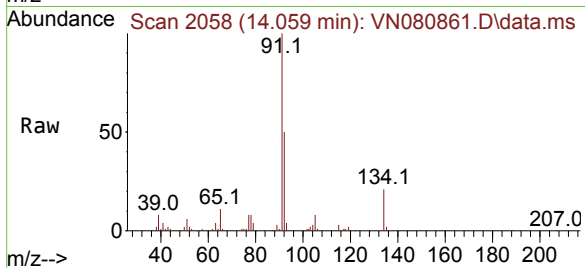
Tgt Ion: 91 Resp: 85823

Ion Ratio Lower Upper

91 100

92 50.7 26.7 80.1

134 21.6 10.8 32.4



#90

Hexachloroethane

Concen: 18.170 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN080861.D

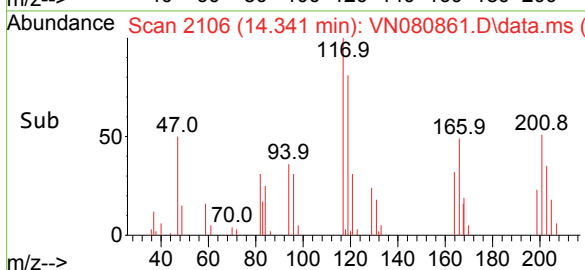
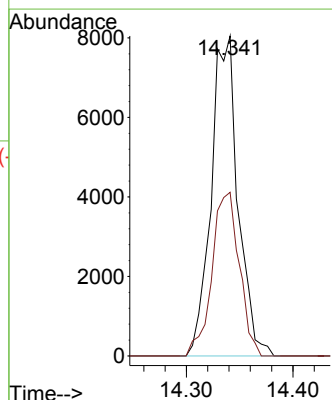
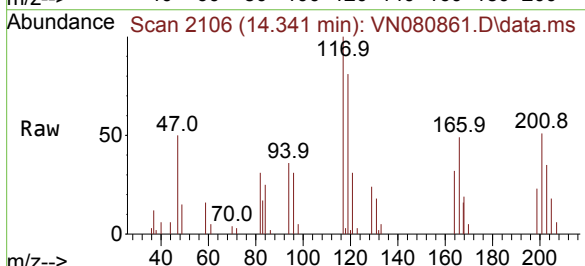
Acq: 01 Feb 2024 11:39

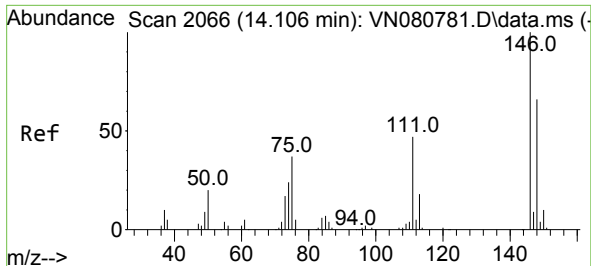
Tgt Ion: 117 Resp: 14090

Ion Ratio Lower Upper

117 100

201 52.0 30.0 90.0

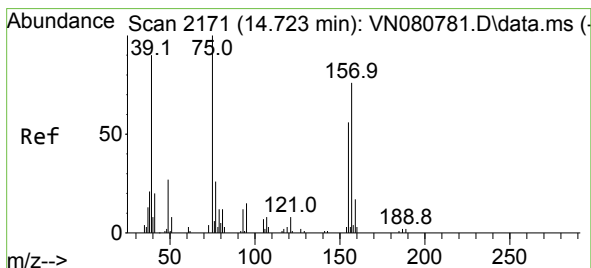
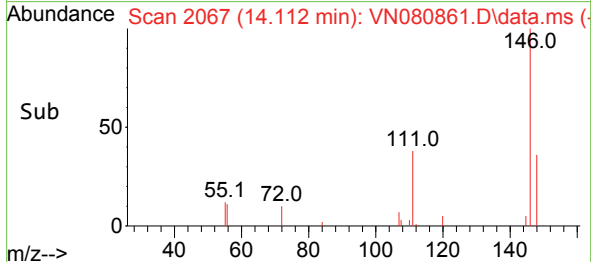
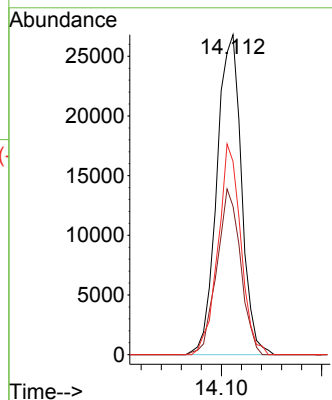
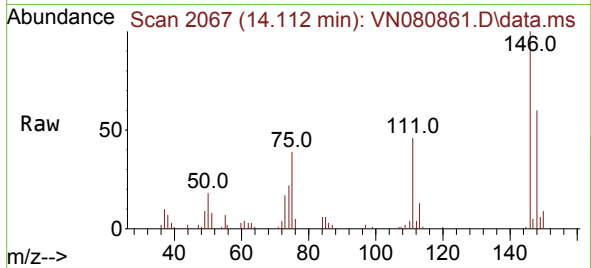




#91
1,2-Dichlorobenzene
Concen: 21.373 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

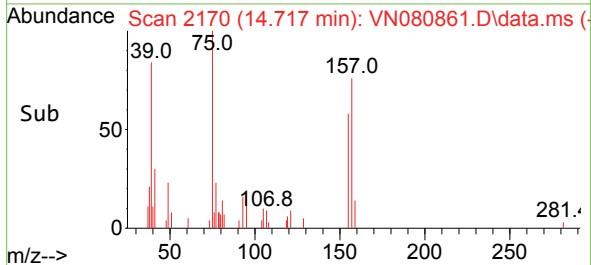
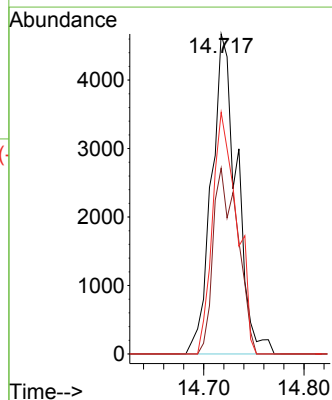
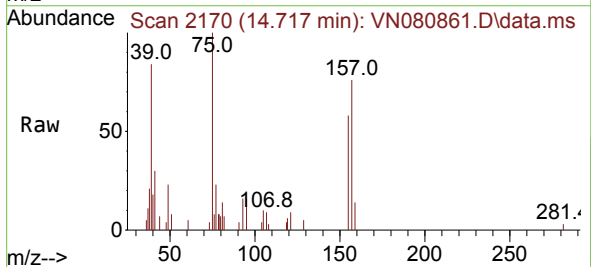
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

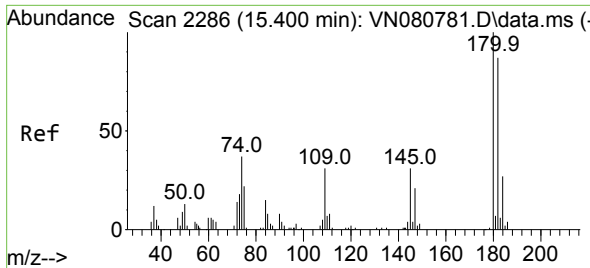
Tgt Ion:146 Resp: 45493
Ion Ratio Lower Upper
146 100
111 49.9 23.9 71.8
148 61.0 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.490 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion: 75 Resp: 8194
Ion Ratio Lower Upper
75 100
155 56.7 31.8 95.4
157 72.8 41.1 123.4

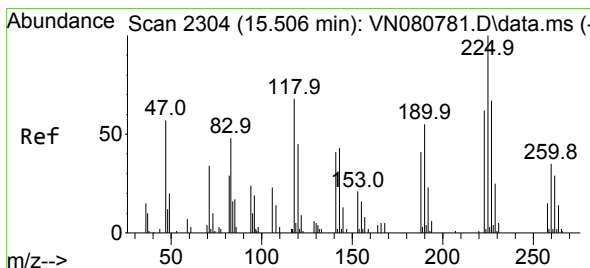
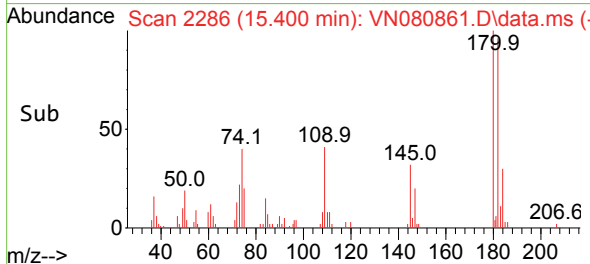
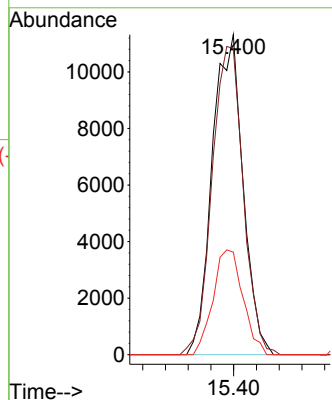
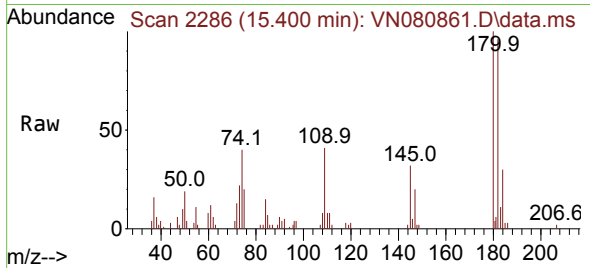




#93
1,2,4-Trichlorobenzene
Concen: 19.358 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

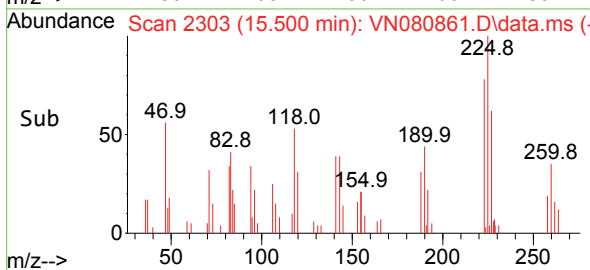
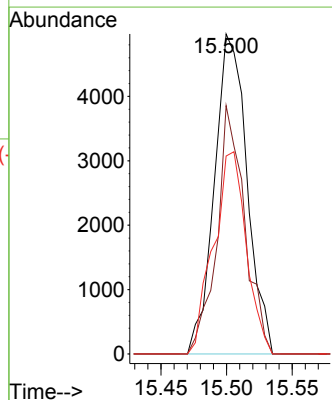
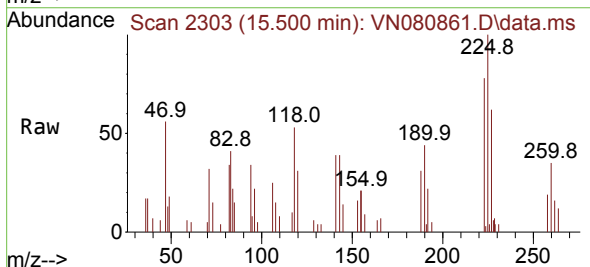
Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

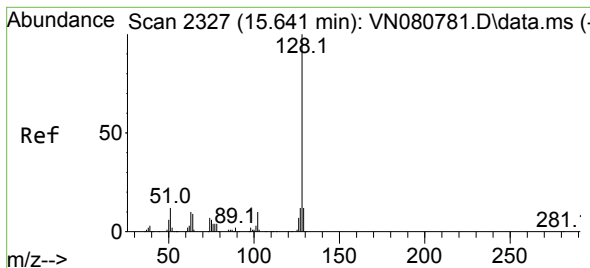
Tgt Ion:180 Resp: 21207
Ion Ratio Lower Upper
180 100
182 97.6 46.6 139.7
145 31.9 16.8 50.3



#94
Hexachlorobutadiene
Concen: 17.900 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080861.D
Acq: 01 Feb 2024 11:39

Tgt Ion:225 Resp: 8567
Ion Ratio Lower Upper
225 100
223 66.3 33.3 99.8
227 63.7 33.1 99.2





#95

Naphthalene

Concen: 18.495 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

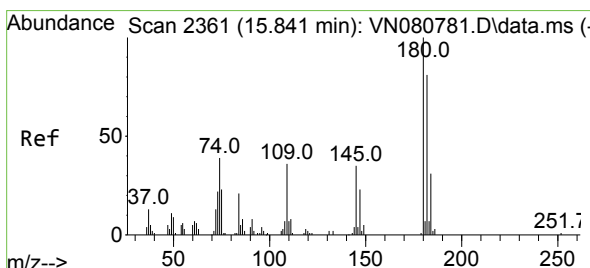
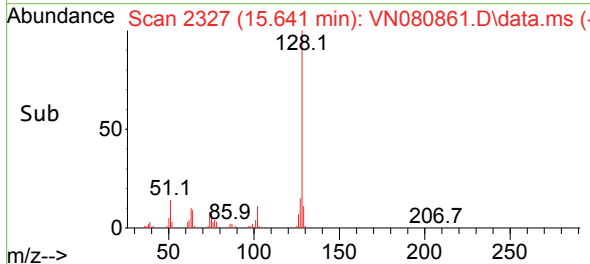
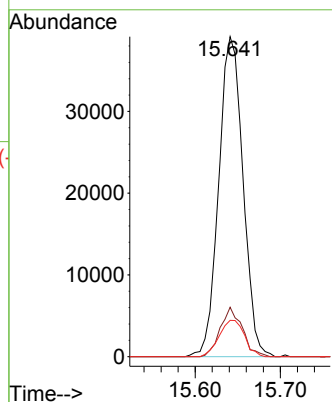
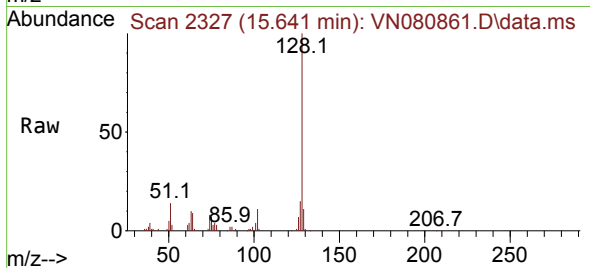
Tgt Ion:128 Resp: 77532

Ion Ratio Lower Upper

128 100

127 14.1 10.0 15.0

129 11.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.224 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080861.D

Acq: 01 Feb 2024 11:39

Tgt Ion:180 Resp: 20701

Ion Ratio Lower Upper

180 100

182 94.1 46.5 139.3

145 37.9 17.8 53.4

