

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078434.D
 Acq On : 28 Jun 2023 12:03
 Operator : JC\MD
 Sample : VN0628WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Quant Time: Jun 29 05:17:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	409260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283422	51.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.880%	
35) Dibromofluoromethane	8.177	113	247953	53.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.571	98	882629	48.939	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	12.853	95	276019	49.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72162	15.598	ug/l	99
3) Chloromethane	2.371	50	92838	20.245	ug/l	95
4) Vinyl Chloride	2.524	62	126456	20.875	ug/l	97
5) Bromomethane	2.965	94	112043	24.473	ug/l	99
6) Chloroethane	3.130	64	109921	26.618	ug/l	92
7) Trichlorofluoromethane	3.500	101	168194	20.474	ug/l	99
8) Diethyl Ether	3.977	74	55788	19.327	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	88542	20.423	ug/l	98
10) Methyl Iodide	4.594	142	115364	18.816	ug/l	92
11) Tert butyl alcohol	5.536	59	79214	105.134	ug/l	100
12) 1,1-Dichloroethene	4.347	96	81428	18.220	ug/l	85
13) Acrolein	4.194	56	70383	84.757	ug/l	99
14) Allyl chloride	5.036	41	111331	20.407	ug/l	92
15) Acrylonitrile	5.730	53	207953	107.053	ug/l	97
16) Acetone	4.442	43	172259	109.675	ug/l	98
17) Carbon Disulfide	4.718	76	204790	17.803	ug/l	99
18) Methyl Acetate	5.036	43	149061	20.614	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	284828	19.975	ug/l	99
20) Methylene Chloride	5.289	84	101890	19.631	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	93062	19.307	ug/l	93
22) Diisopropyl ether	6.677	45	278432	21.697	ug/l #	93
23) Vinyl Acetate	6.618	43	782990	102.644	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	180038	21.268	ug/l	99
25) 2-Butanone	7.494	43	266081	110.165	ug/l	92
26) 2,2-Dichloropropane	7.500	77	154240	24.676	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	113845	19.800	ug/l	94
28) Bromochloromethane	7.830	49	82390	21.198	ug/l	92
29) Tetrahydrofuran	7.847	42	168373	104.279	ug/l	87
30) Chloroform	7.971	83	192610	21.130	ug/l	95
31) Cyclohexane	8.265	56	135777	19.398	ug/l	90
32) 1,1,1-Trichloroethane	8.182	97	169867	21.226	ug/l	99
36) 1,1-Dichloropropene	8.382	75	136205	20.297	ug/l	96
37) Ethyl Acetate	7.577	43	111796	21.326	ug/l	96
38) Carbon Tetrachloride	8.365	117	149717	21.130	ug/l	93
39) Methylcyclohexane	9.612	83	115279	16.577	ug/l	92
40) Benzene	8.612	78	418205	20.875	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	56479	19.877	ug/l	94
42) 1,2-Dichloroethane	8.677	62	144168	20.988	ug/l	98
43) Isopropyl Acetate	8.694	43	195631	19.513	ug/l #	95
44) Trichloroethene	9.359	130	108977	20.598	ug/l	94
45) 1,2-Dichloropropane	9.629	63	106936	21.454	ug/l	98
46) Dibromomethane	9.718	93	76372	20.802	ug/l	96
47) Bromodichloromethane	9.894	83	149426	21.911	ug/l	95
48) Methyl methacrylate	9.688	41	87425	20.779	ug/l	89
49) 1,4-Dioxane	9.706	88	37906	428.666	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	561314	106.323	ug/l	93
52) Toluene	10.635	92	257050	20.322	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	152584	21.484	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	167579	21.345	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	105998	22.153	ug/l	95
56) Ethyl methacrylate	10.882	69	140821	20.212	ug/l	90
57) 1,3-Dichloropropane	11.170	76	178175	22.060	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	251100	89.216	ug/l	93
59) 2-Hexanone	11.200	43	394864	107.418	ug/l	92
60) Dibromochloromethane	11.365	129	114206	21.812	ug/l	99
61) 1,2-Dibromoethane	11.476	107	107275	21.364	ug/l	97
64) Tetrachloroethene	11.112	164	90984	21.355	ug/l	94
65) Chlorobenzene	11.900	112	270560	19.782	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	105201	20.913	ug/l	98
67) Ethyl Benzene	11.970	91	471199	19.967	ug/l	99
68) m/p-Xylenes	12.076	106	351340	39.065	ug/l	96
69) o-Xylene	12.406	106	178567	20.218	ug/l	100
70) Styrene	12.417	104	272344	19.587	ug/l	97
71) Bromoform	12.582	173	69565	21.429	ug/l #	97
73) Isopropylbenzene	12.700	105	433301	19.336	ug/l	100
74) N-amyl acetate	12.500	43	143505	19.447	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	147008	22.506	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	162549	29.015	ug/l	70
77) Bromobenzene	12.982	156	105512	20.283	ug/l	91
78) n-propylbenzene	13.041	91	461866	18.970	ug/l	99
79) 2-Chlorotoluene	13.129	91	303926	19.339	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	354728	19.552	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	39124	21.456	ug/l	92
82) 4-Chlorotoluene	13.229	91	282070	19.231	ug/l	100
83) tert-Butylbenzene	13.441	119	288014	18.262	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	342526	19.473	ug/l	98
85) sec-Butylbenzene	13.623	105	364702	17.668	ug/l	99
86) p-Isopropyltoluene	13.735	119	299200	17.862	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	163720	18.606	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	163456	19.251	ug/l	99
89) n-Butylbenzene	14.064	91	210562	15.937	ug/l	95
90) Hexachloroethane	14.341	117	54925	18.477	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	162487	18.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21278	19.170	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	41190	13.443	ug/l	99
94) Hexachlorobutadiene	15.506	225	29890	18.198	ug/l	92
95) Naphthalene	15.647	128	123916	12.023	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	46661	13.616	ug/l	92

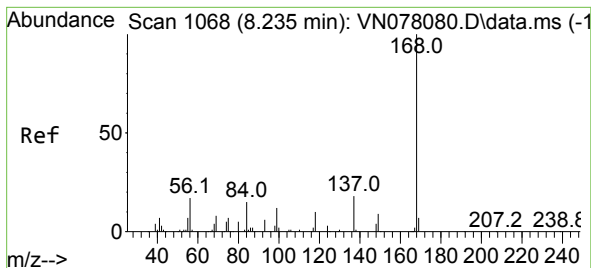
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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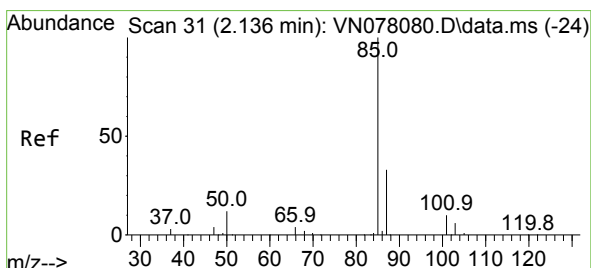
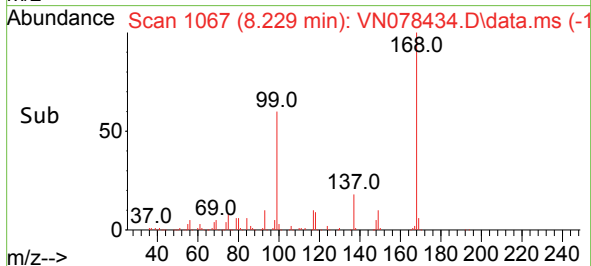
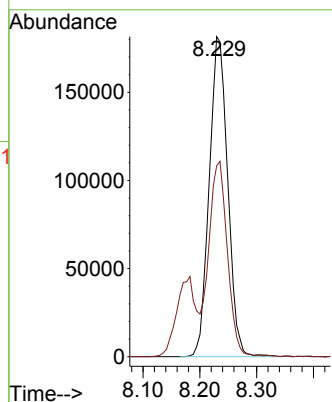
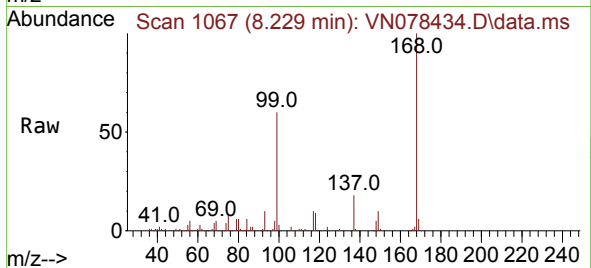
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

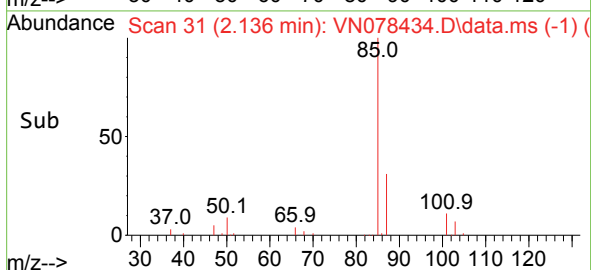
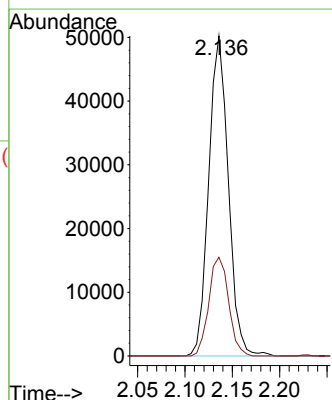
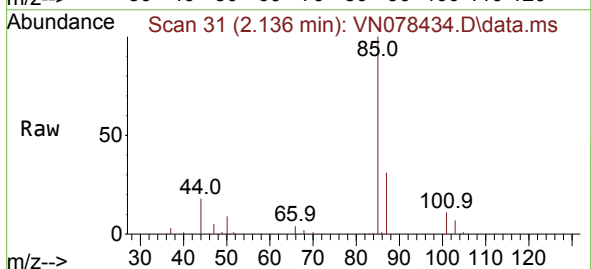
Instrument :
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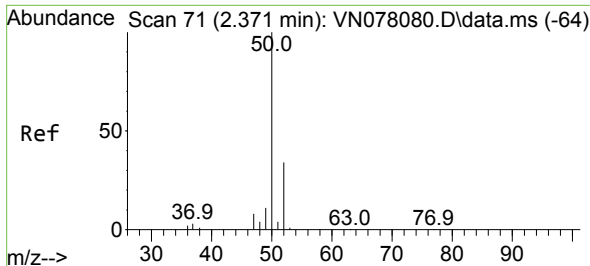
Tgt Ion:168 Resp: 409260
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 15.598 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 85 Resp: 72162
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4

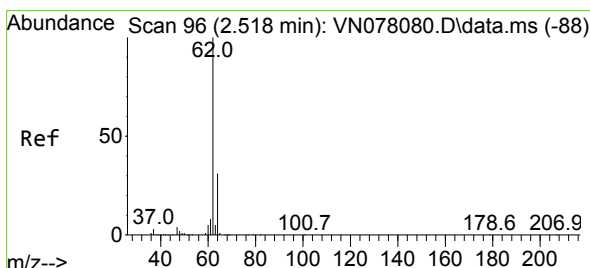
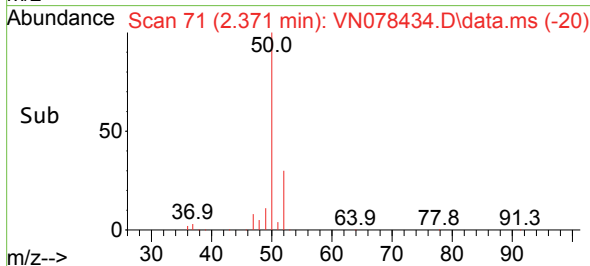
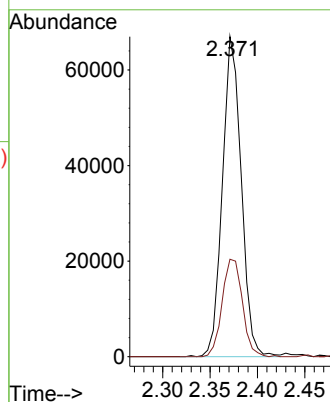
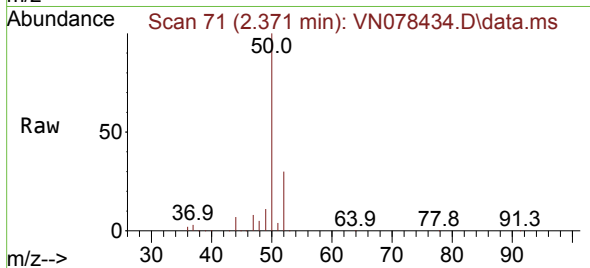




#3
 Chloromethane
 Concen: 20.245 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

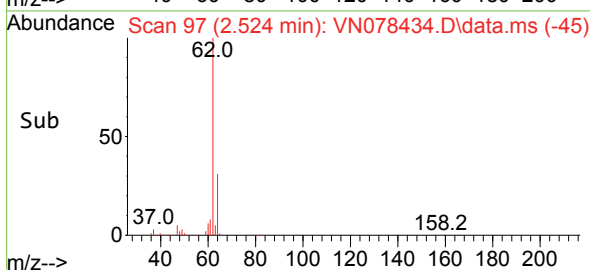
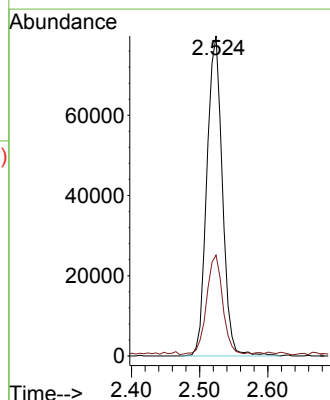
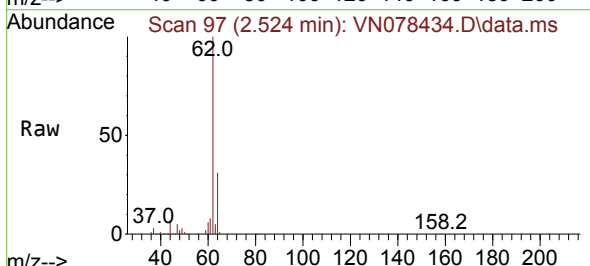
Instrument :
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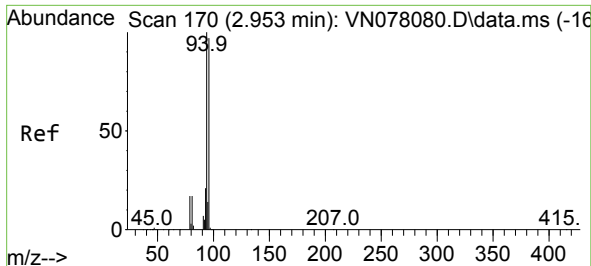
Tgt Ion: 50 Resp: 92838
 Ion Ratio Lower Upper
 50 100
 52 30.5 26.5 39.7



#4
 Vinyl Chloride
 Concen: 20.875 ug/l
 RT: 2.524 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

Tgt Ion: 62 Resp: 126456
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.2 39.2

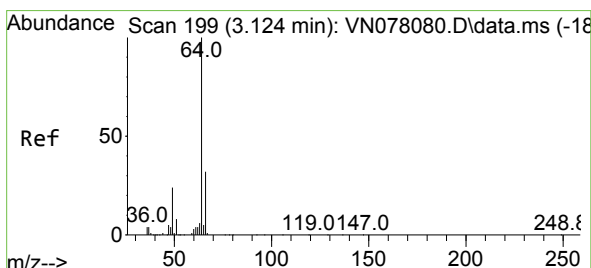
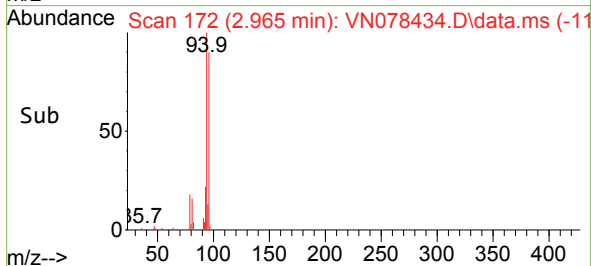
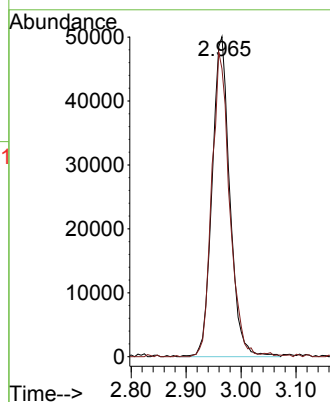
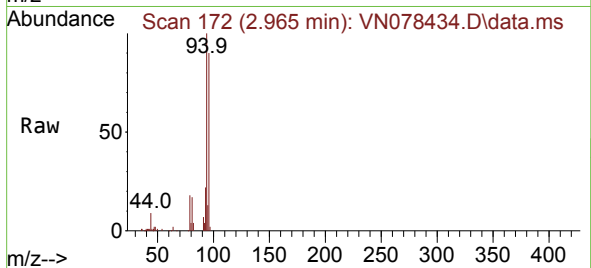




#5
Bromomethane
Concen: 24.473 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

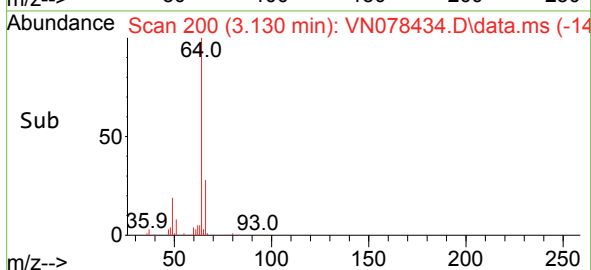
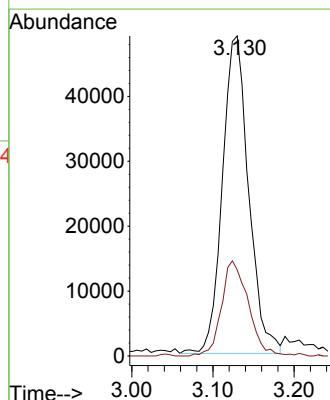
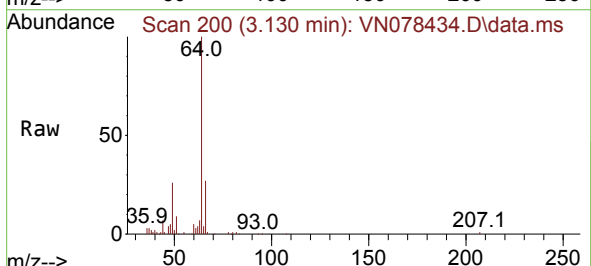
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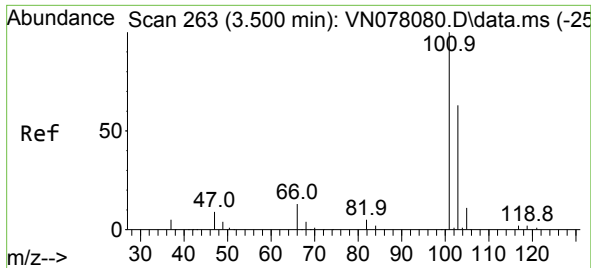
Tgt Ion: 94 Resp: 112043
Ion Ratio Lower Upper
94 100
96 90.0 73.1 109.7



#6
Chloroethane
Concen: 26.618 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 64 Resp: 109921
Ion Ratio Lower Upper
64 100
66 27.2 25.4 38.2

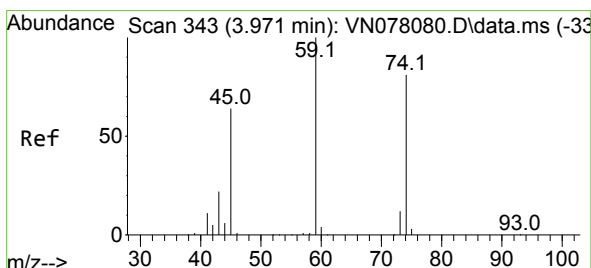
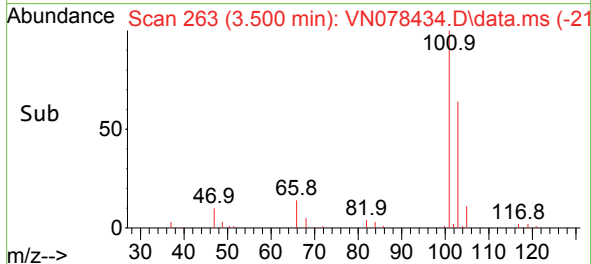
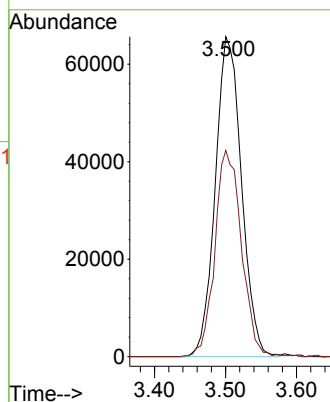
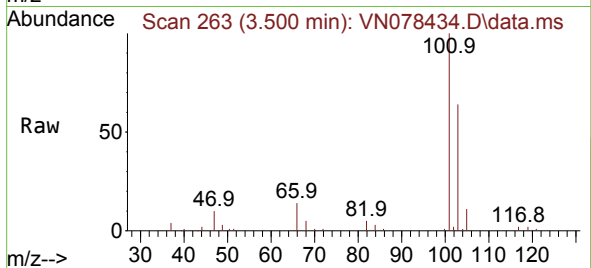




#7
 Trichlorofluoromethane
 Concen: 20.474 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

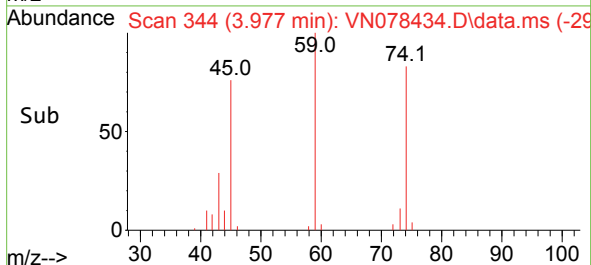
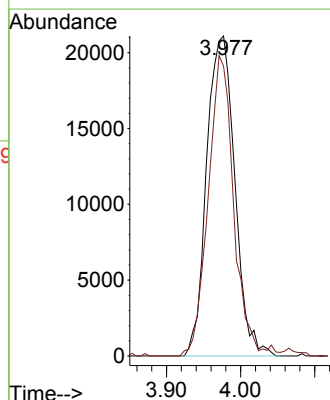
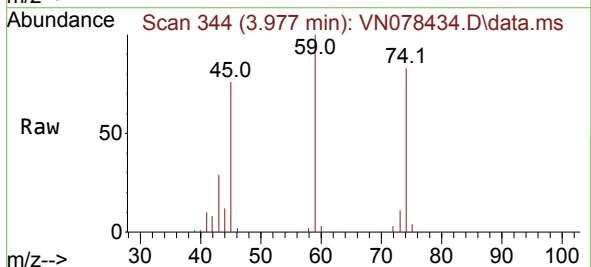
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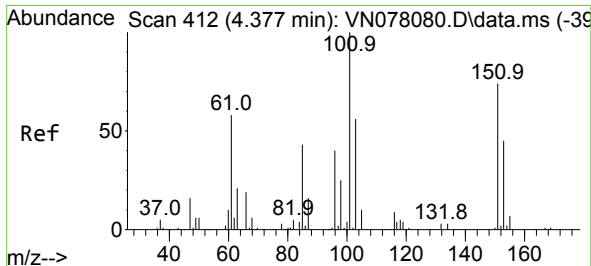
Tgt Ion:101 Resp: 168194
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.327 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

Tgt Ion: 74 Resp: 55788
 Ion Ratio Lower Upper
 74 100
 45 84.2 34.4 103.3

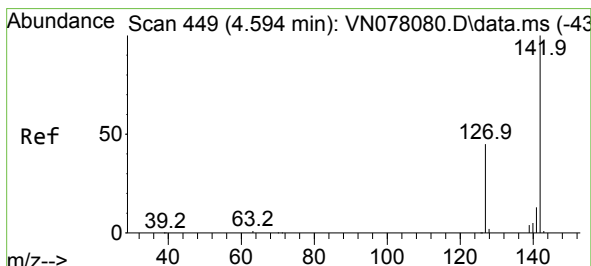
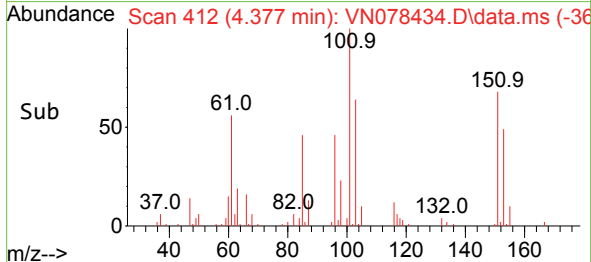
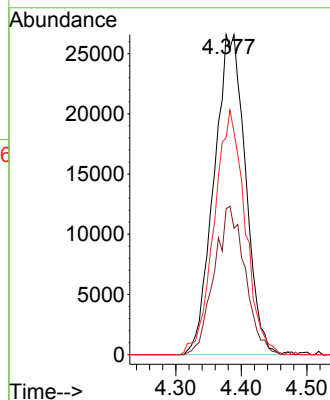
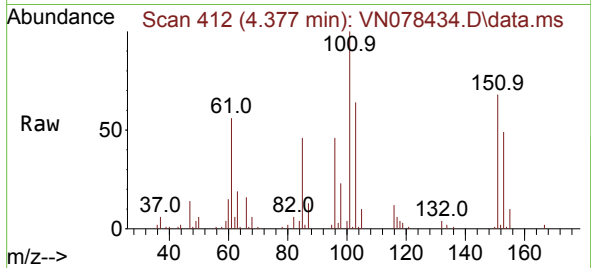




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.423 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078434.D
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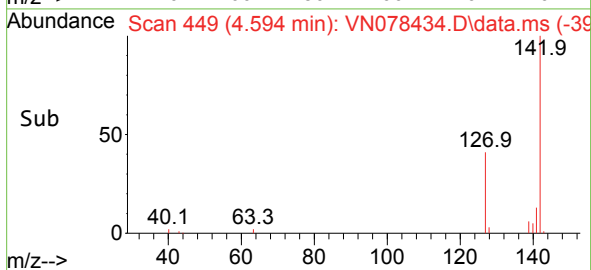
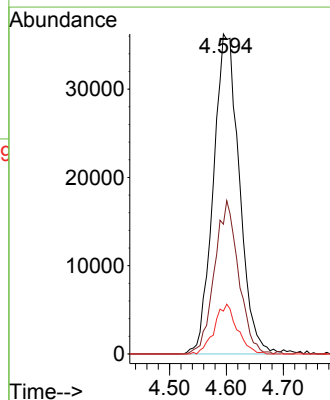
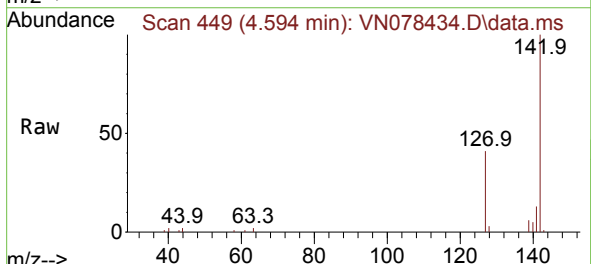
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

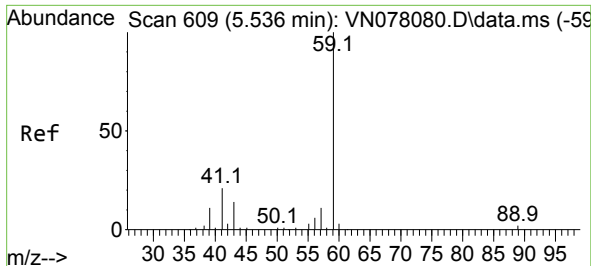
Tgt Ion:101 Resp: 88542
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 74.9 57.6 86.4



#10
Methyl Iodide
Concen: 18.816 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:142 Resp: 115364
Ion Ratio Lower Upper
142 100
127 40.5 37.6 56.4
141 13.4 11.4 17.0

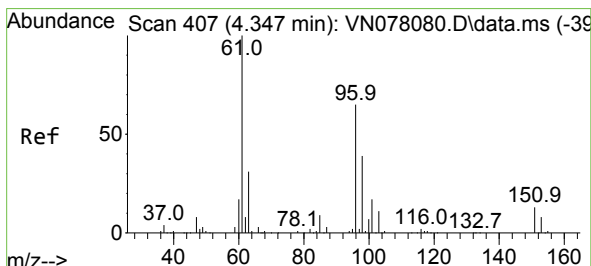
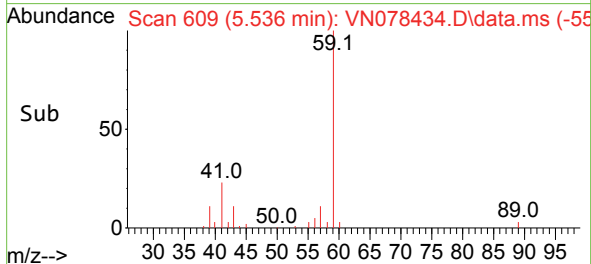
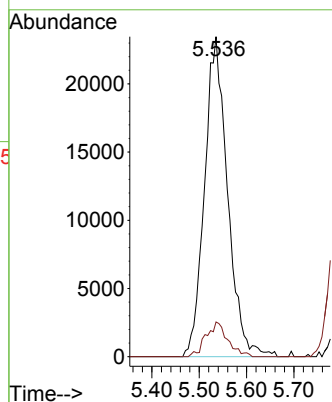
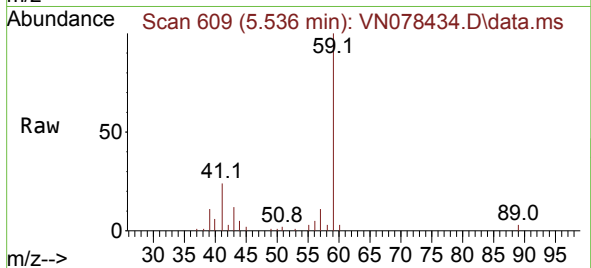




#11
Tert butyl alcohol
Concen: 105.134 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

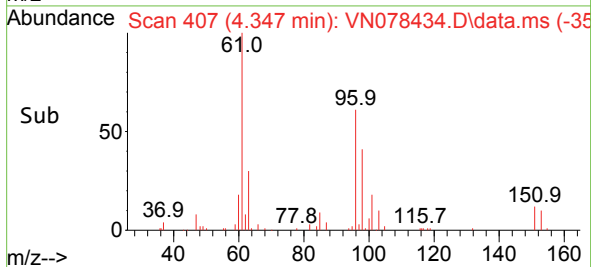
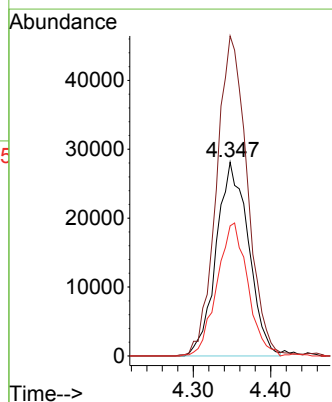
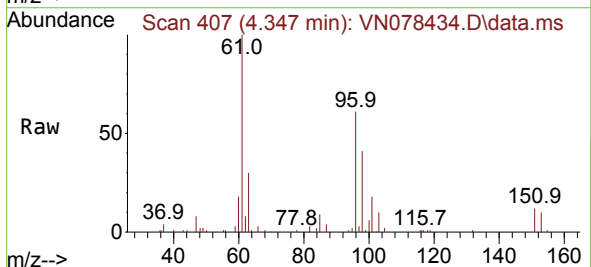
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

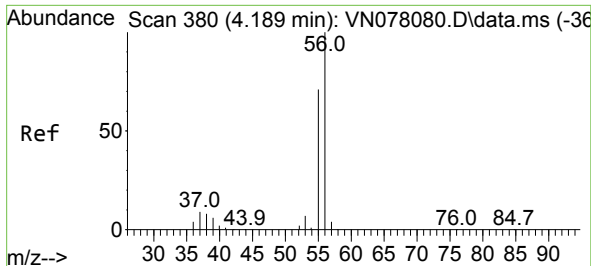
Tgt Ion: 59 Resp: 79214
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.220 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 96 Resp: 81428
Ion Ratio Lower Upper
96 100
61 164.6 112.7 169.1
98 67.2 51.2 76.8

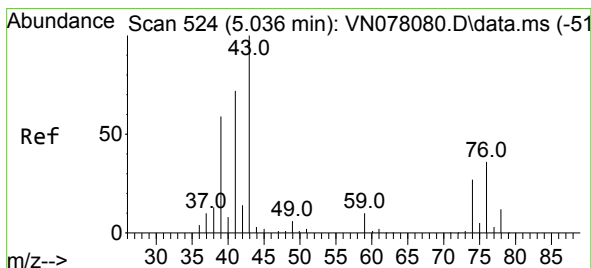
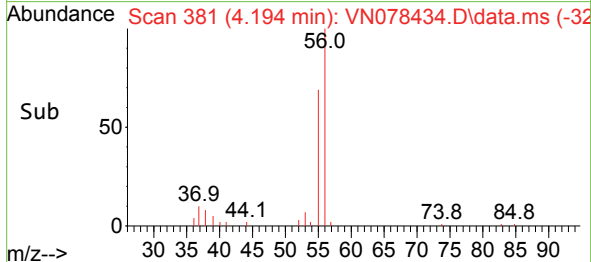
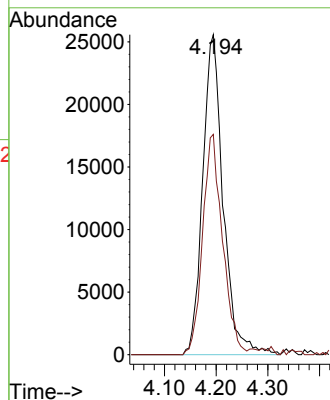
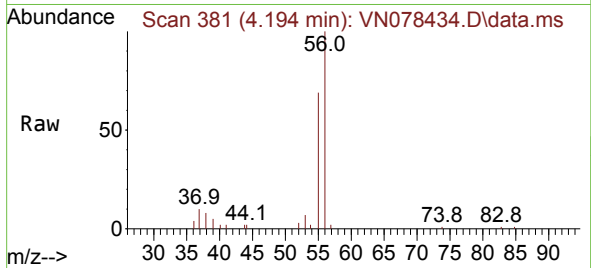




#13
Acrolein
Concen: 84.757 ug/l
RT: 4.194 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

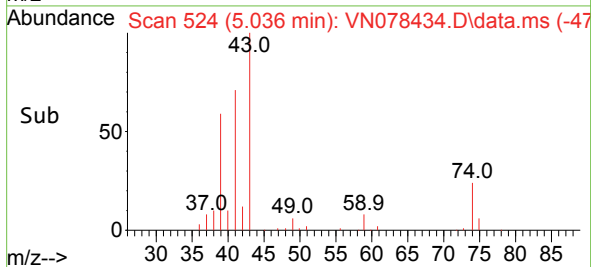
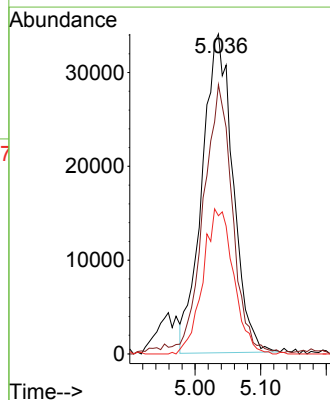
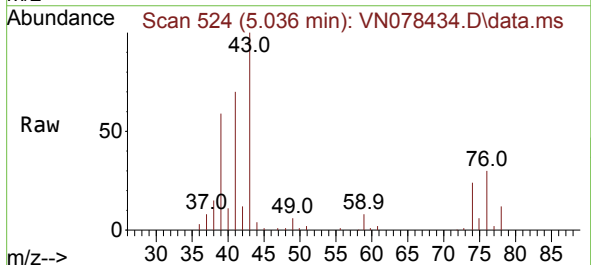
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

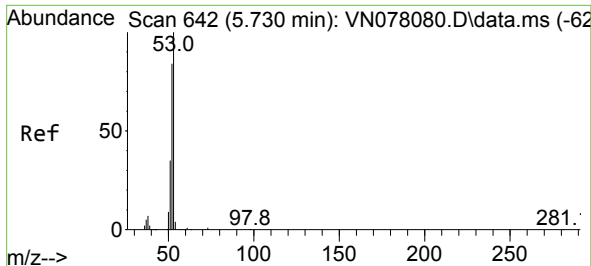
Tgt Ion: 56 Resp: 70383
Ion Ratio Lower Upper
56 100
55 66.9 54.5 81.7



#14
Allyl chloride
Concen: 20.407 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 41 Resp: 111331
Ion Ratio Lower Upper
41 100
39 81.2 58.8 88.2
76 45.2 39.1 58.7

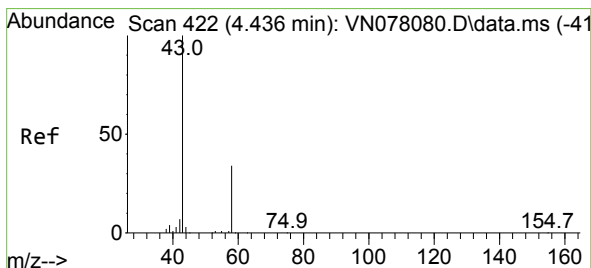
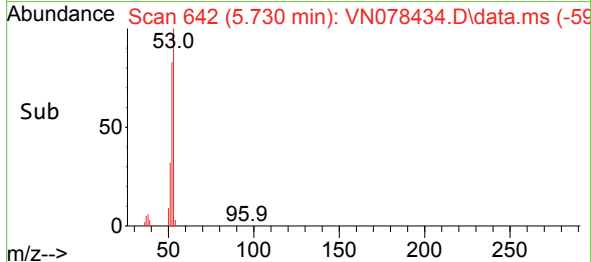
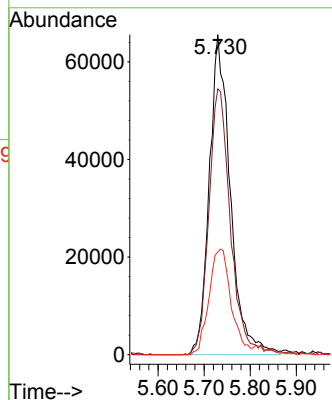
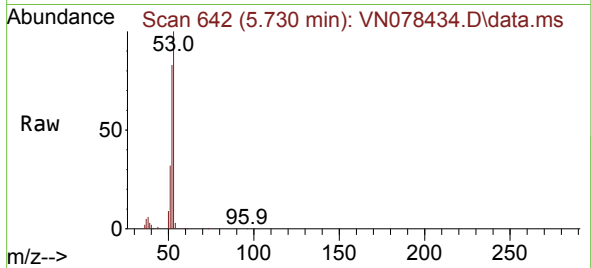




#15
Acrylonitrile
Concen: 107.053 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

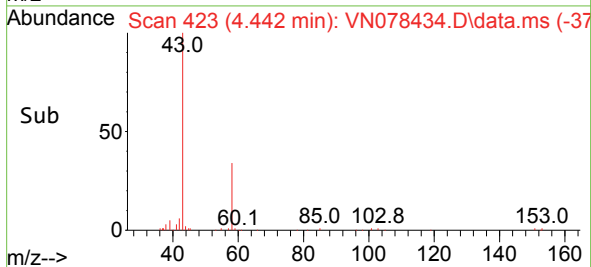
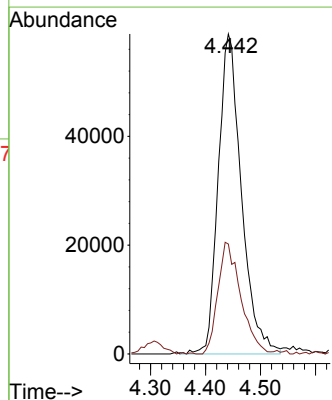
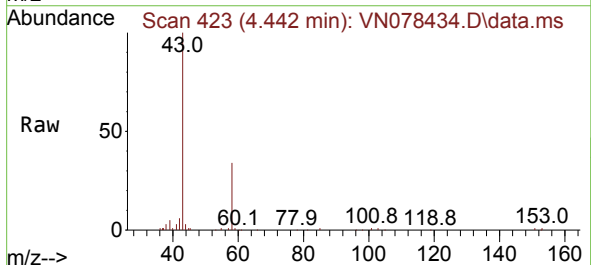
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

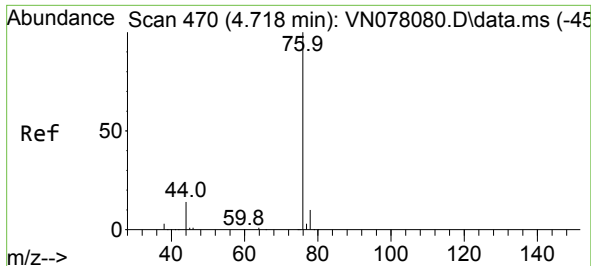
Tgt Ion: 53 Resp: 207953
Ion Ratio Lower Upper
53 100
52 85.3 65.3 97.9
51 35.0 28.9 43.3



#16
Acetone
Concen: 109.675 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 43 Resp: 172259
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0

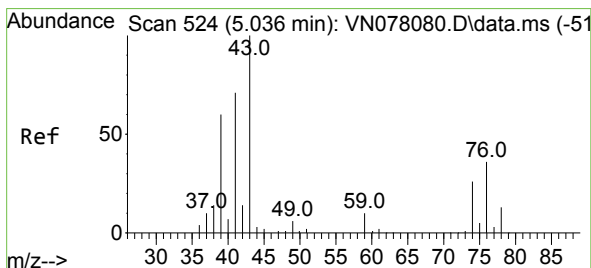
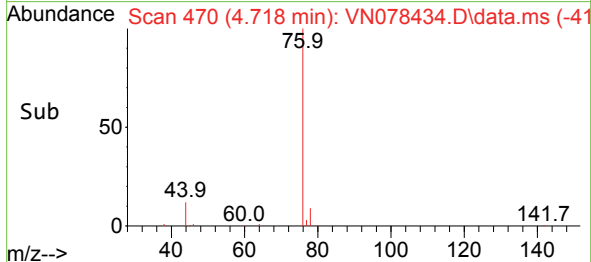
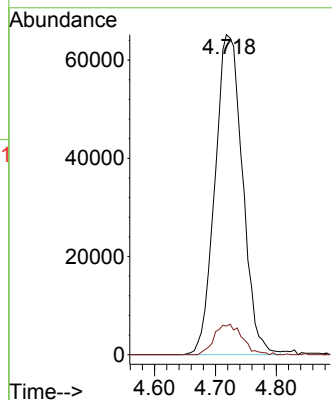
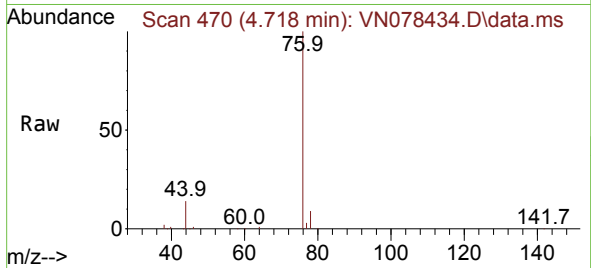




#17
Carbon Disulfide
Concen: 17.803 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

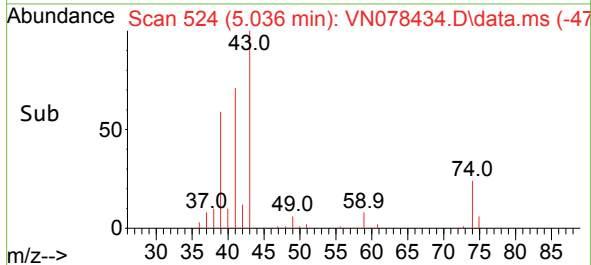
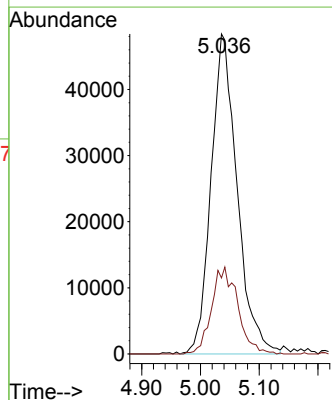
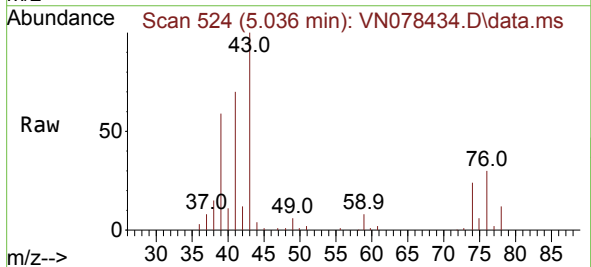
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

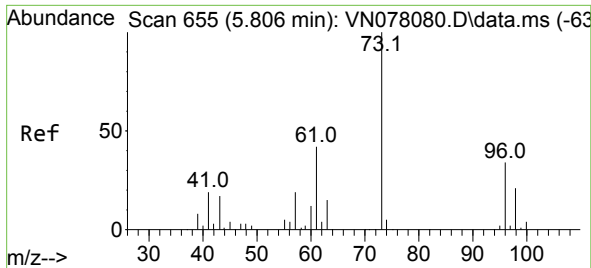
Tgt Ion: 76 Resp: 204790
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.614 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 43 Resp: 149061
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4

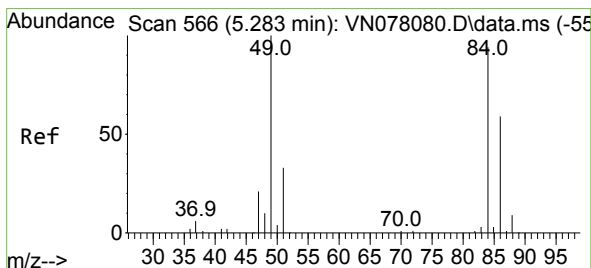
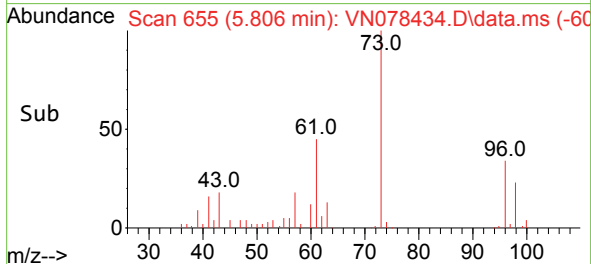
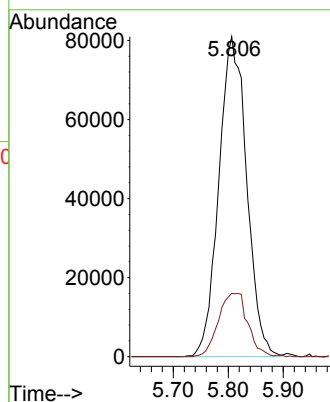
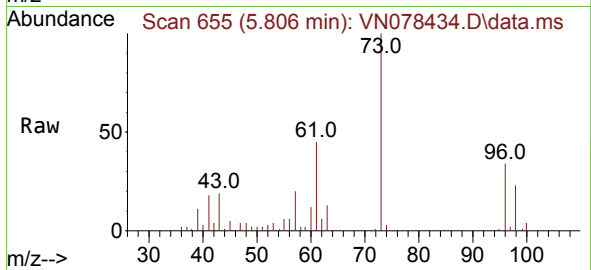




#19
Methyl tert-butyl Ether
Concen: 19.975 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

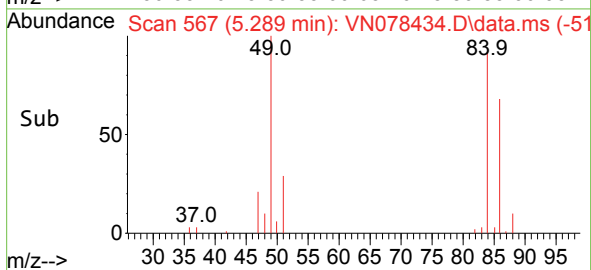
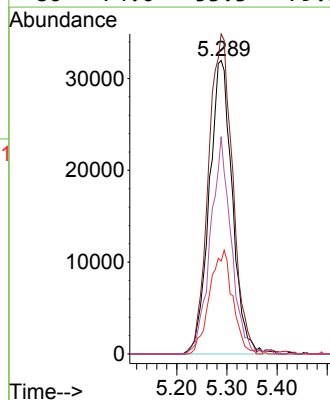
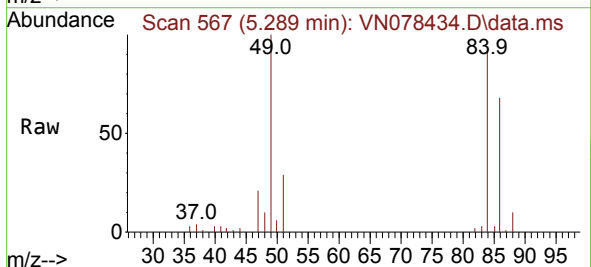
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

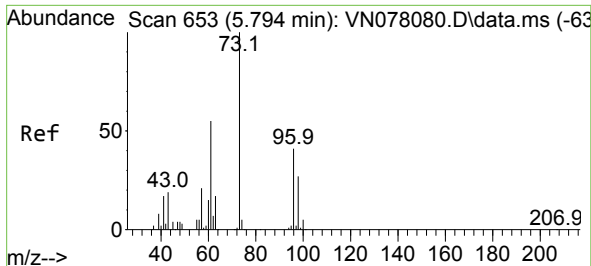
Tgt Ion: 73 Resp: 284828
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4



#20
Methylene Chloride
Concen: 19.631 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 84 Resp: 101890
Ion Ratio Lower Upper
84 100
49 109.0 79.7 119.5
51 31.6 25.2 37.8
86 74.0 53.3 79.9

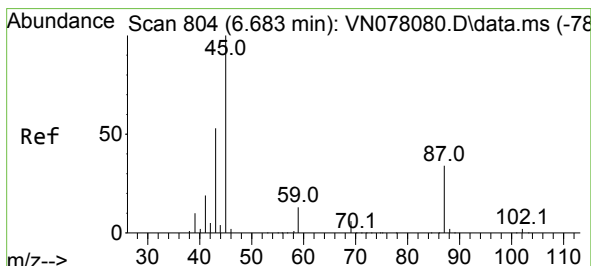
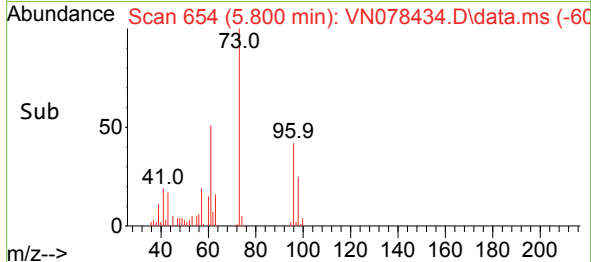
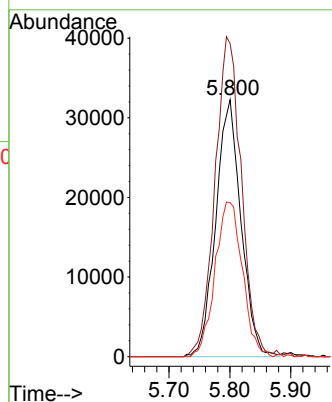
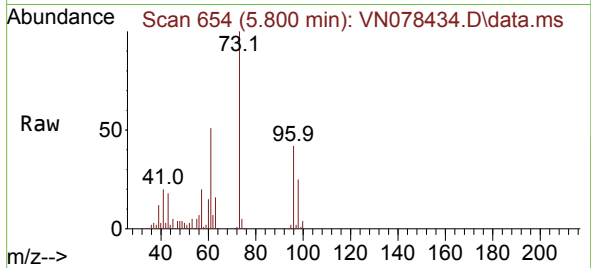




#21
trans-1,2-Dichloroethene
Concen: 19.307 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

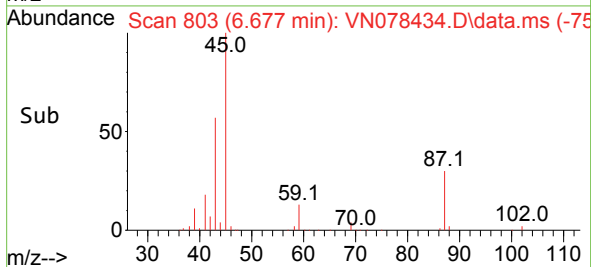
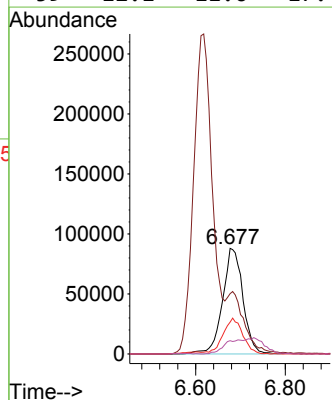
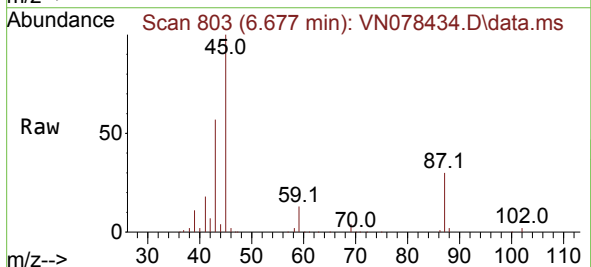
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tgt Ion: 96 Resp: 93062
Ion Ratio Lower Upper
96 100
61 121.8 90.1 135.1
98 60.0 46.4 69.6



#22
Diisopropyl ether
Concen: 21.697 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 45 Resp: 278432
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 30.0 31.8 47.8#
59 12.1 11.6 17.4

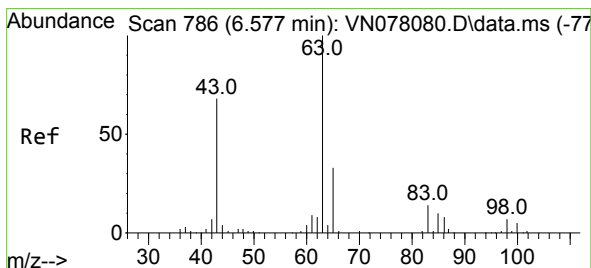
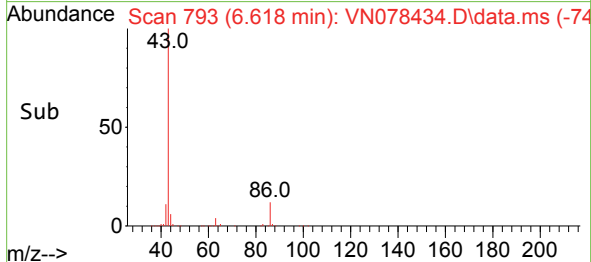
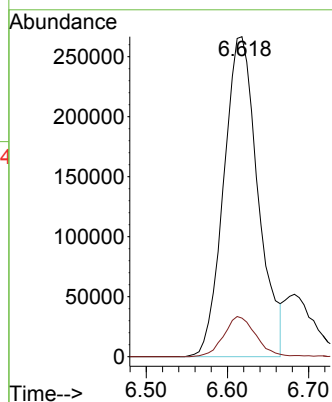
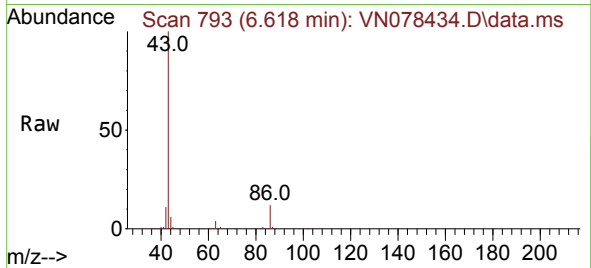




#23
 Vinyl Acetate
 Concen: 102.644 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

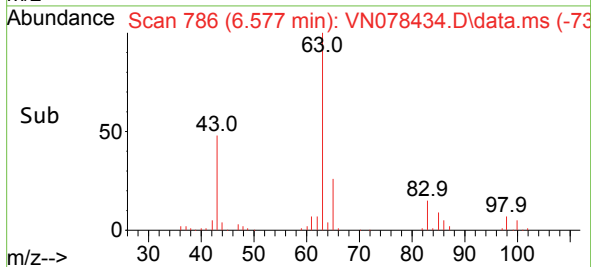
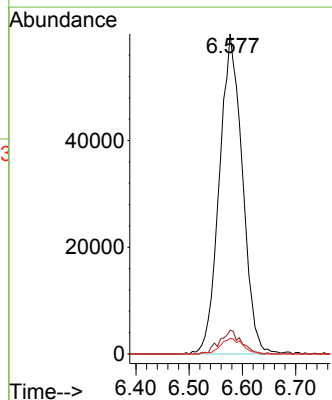
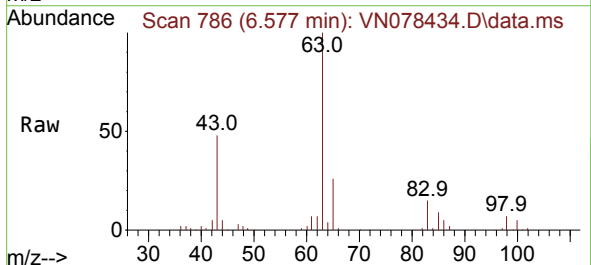
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

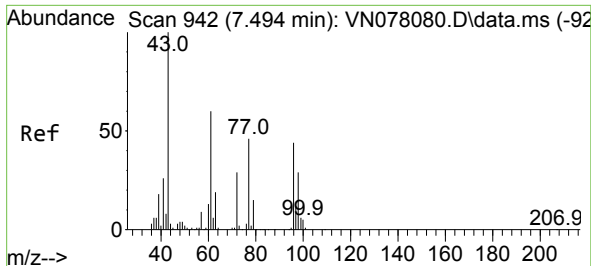
Tgt Ion: 43 Resp: 782990
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.268 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

Tgt Ion: 63 Resp: 180038
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.9 2.5 7.4

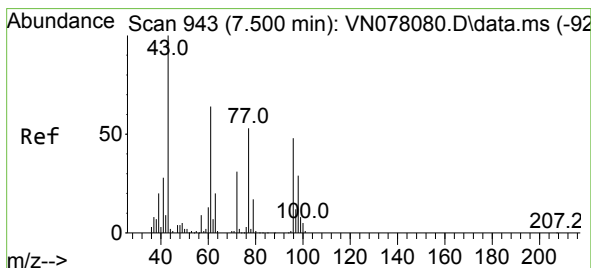
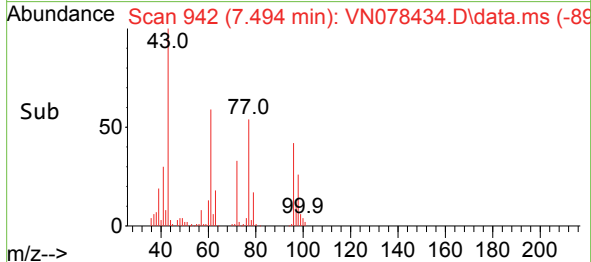
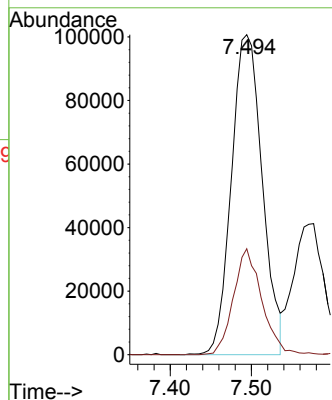
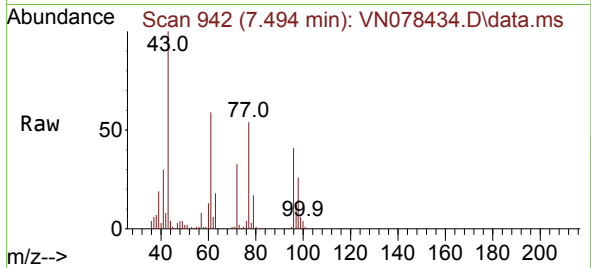




#25
2-Butanone
Concen: 110.165 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

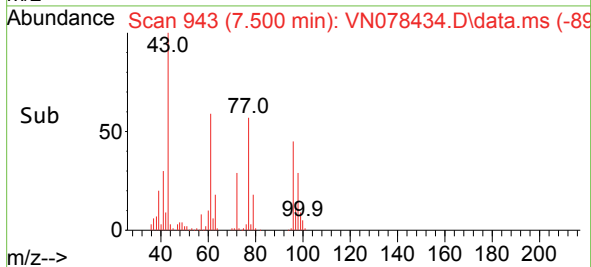
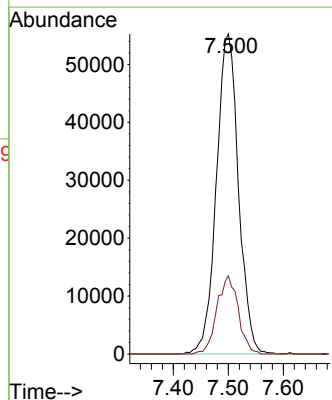
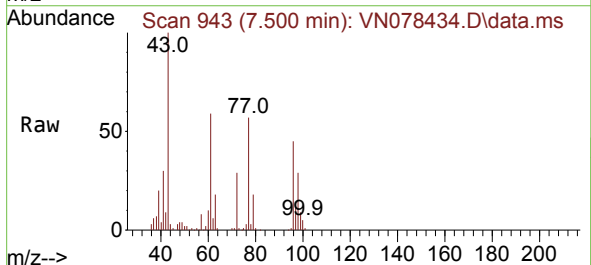
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

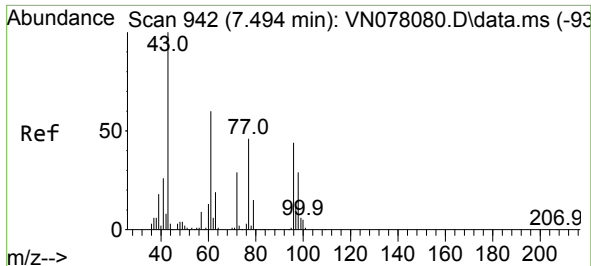
Tgt Ion: 43 Resp: 266081
Ion Ratio Lower Upper
43 100
72 33.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 24.676 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 77 Resp: 154240
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6

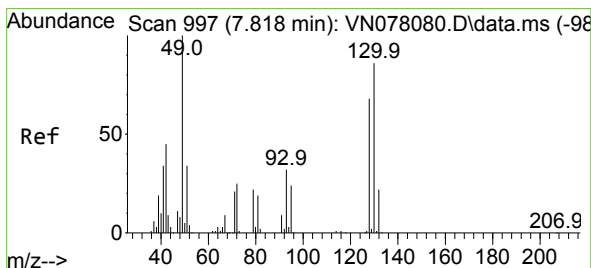
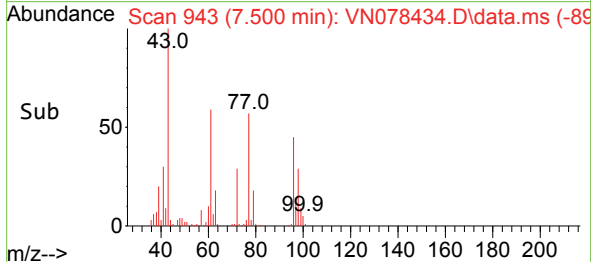
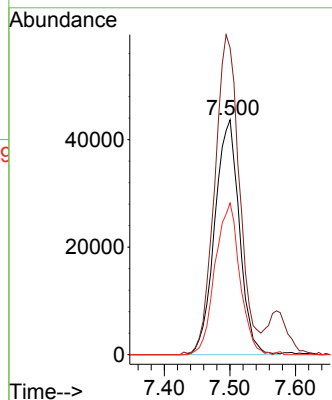
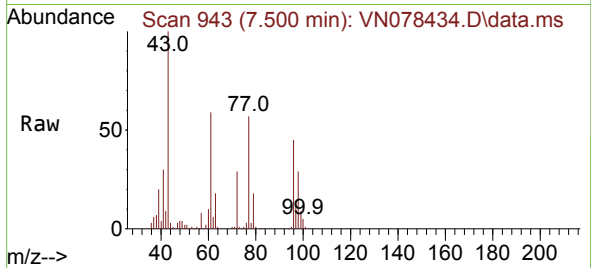




#27
cis-1,2-Dichloroethene
Concen: 19.800 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

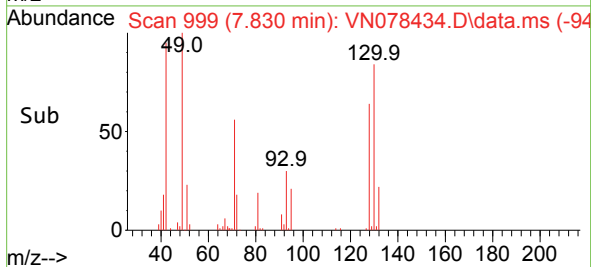
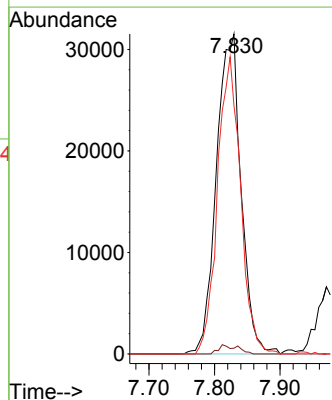
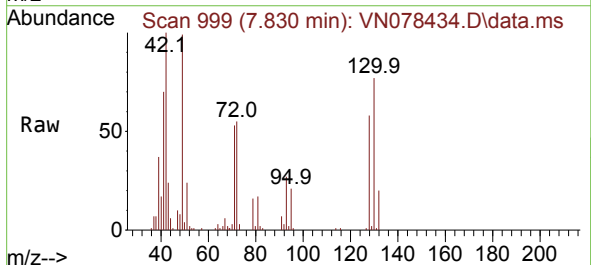
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

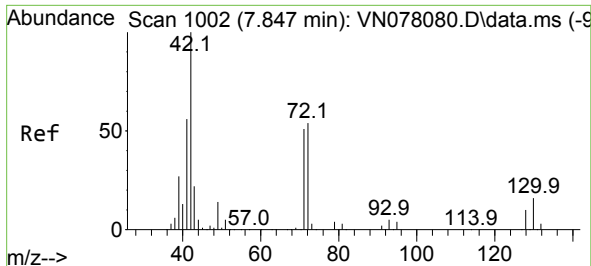
Tgt Ion: 96 Resp: 113845
Ion Ratio Lower Upper
96 100
61 137.4 0.0 255.2
98 64.7 0.0 128.8



#28
Bromochloromethane
Concen: 21.198 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.012 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 49 Resp: 82390
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 86.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 104.279 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

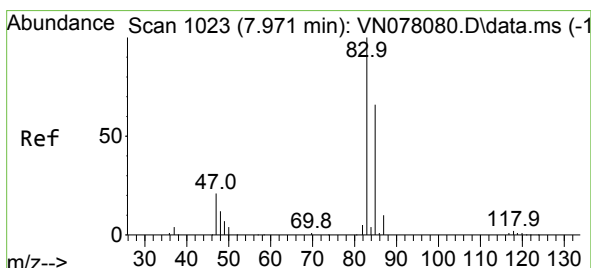
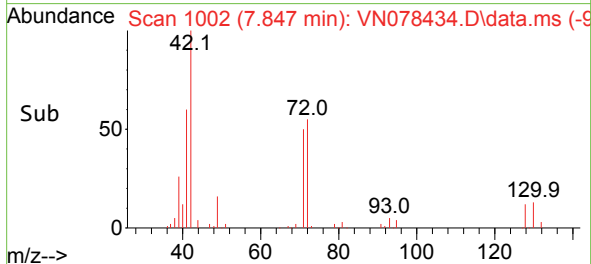
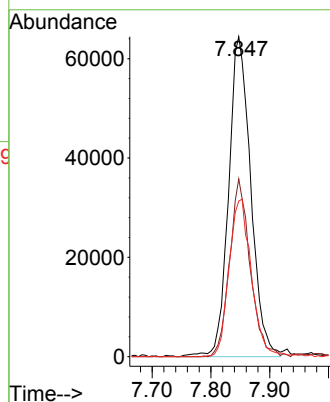
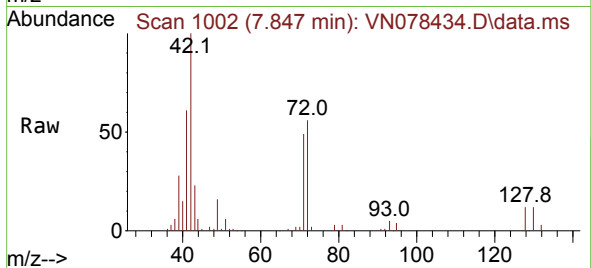
Tgt Ion: 42 Resp: 168373

Ion Ratio Lower Upper

42 100

72 51.7 49.8 74.6

71 49.5 47.4 71.2



#30

Chloroform

Concen: 21.130 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078434.D

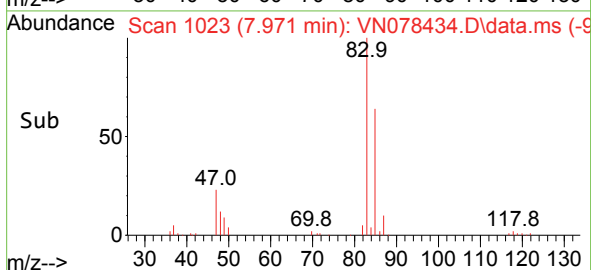
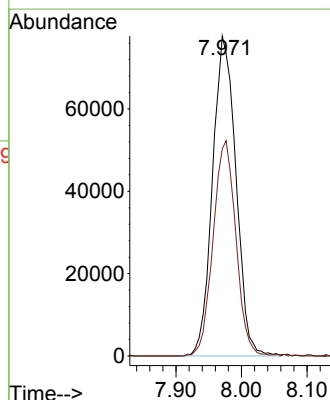
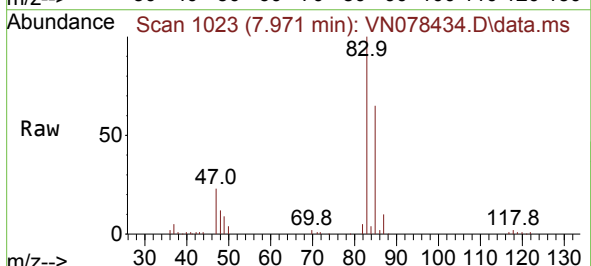
Acq: 28 Jun 2023 12:03

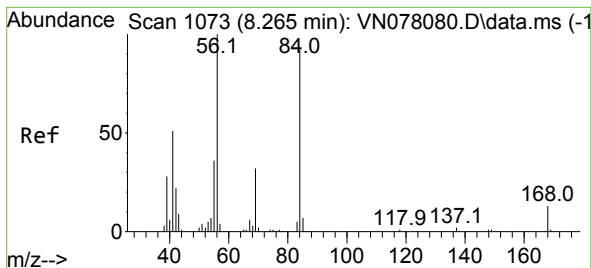
Tgt Ion: 83 Resp: 192610

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0





#31

Cyclohexane

Concen: 19.398 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

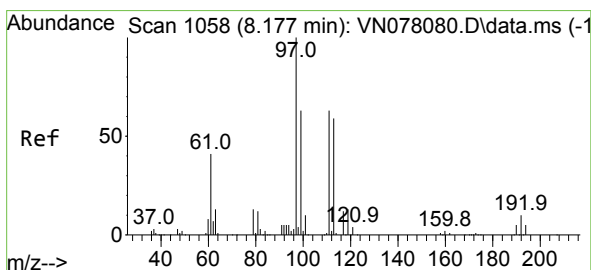
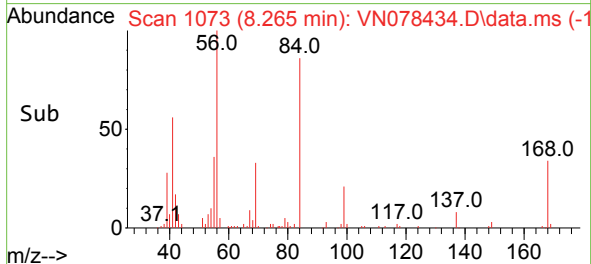
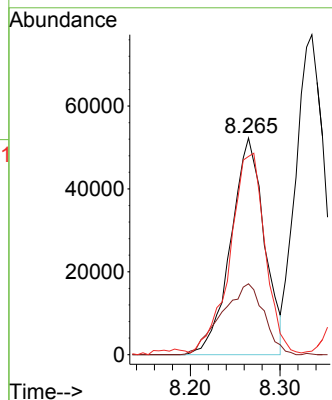
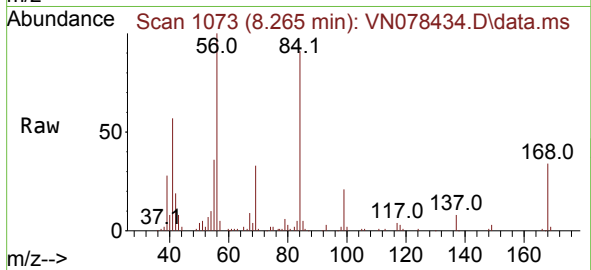
Tgt Ion: 56 Resp: 135777

Ion Ratio Lower Upper

56 100

69 32.7 26.8 40.2

84 89.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 21.226 ug/l

RT: 8.182 min Scan# 1059

Delta R.T. 0.005 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

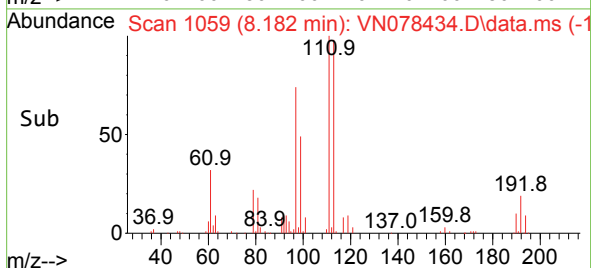
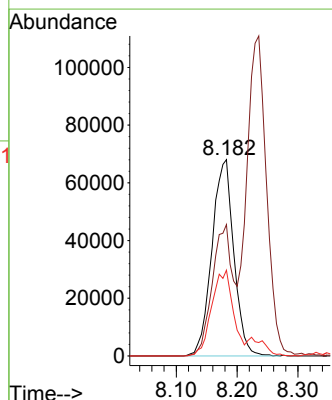
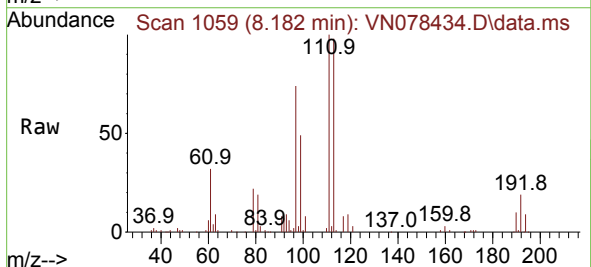
Tgt Ion: 97 Resp: 169867

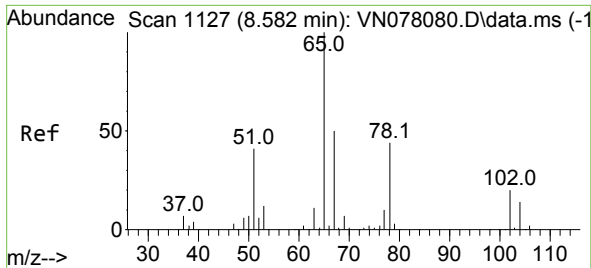
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.940 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

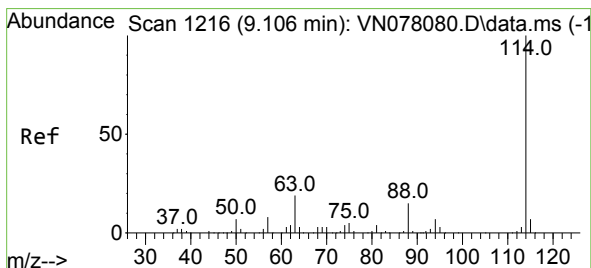
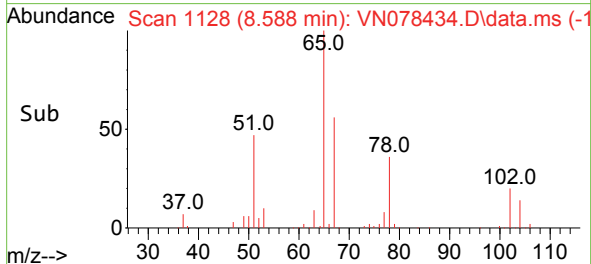
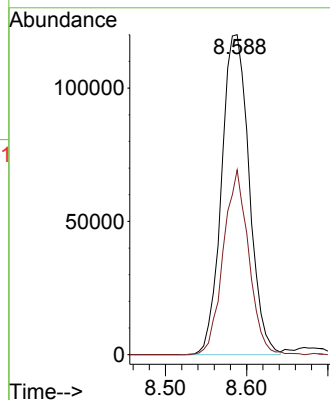
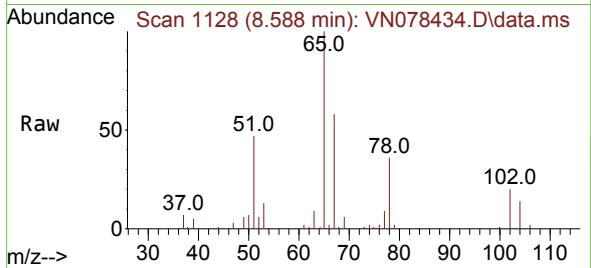
VN0628WBS01

Tgt Ion: 65 Resp: 283422

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

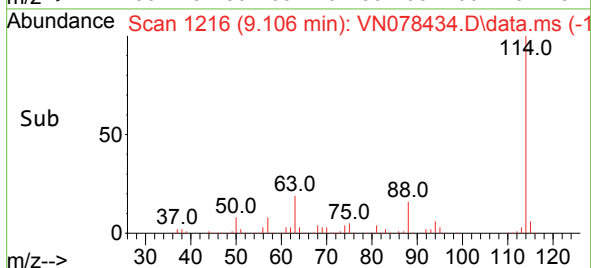
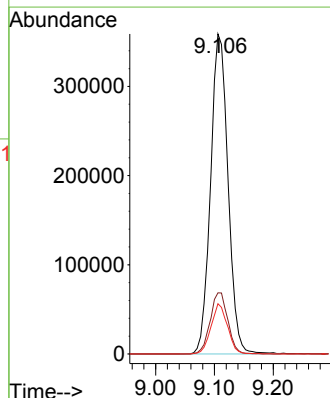
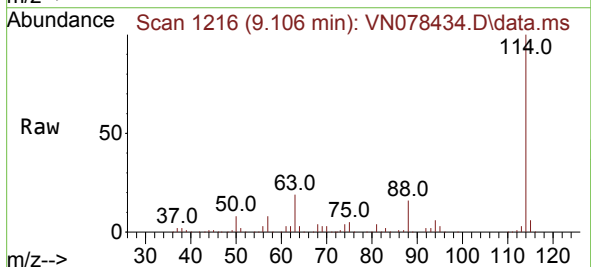
Tgt Ion: 114 Resp: 739905

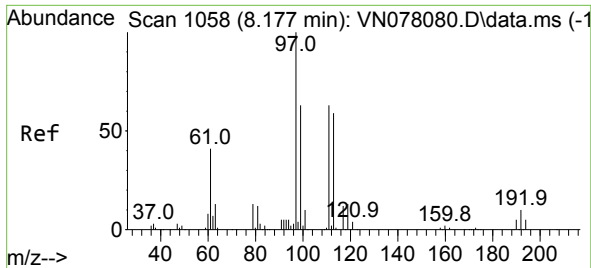
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.7 0.0 30.6

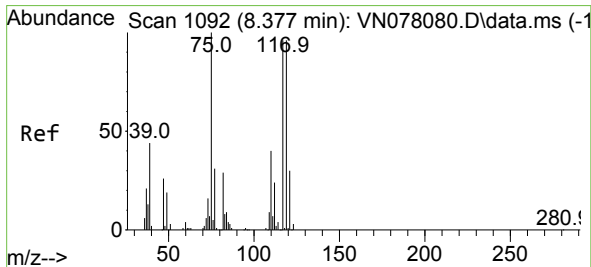
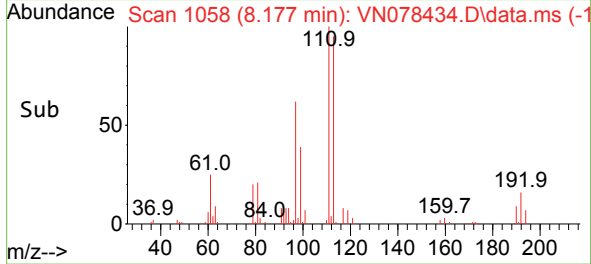
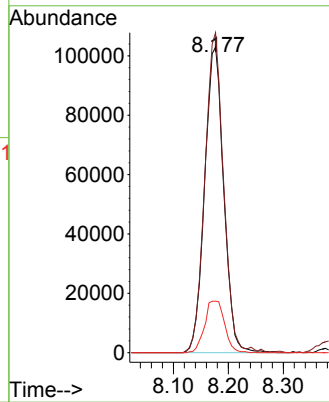
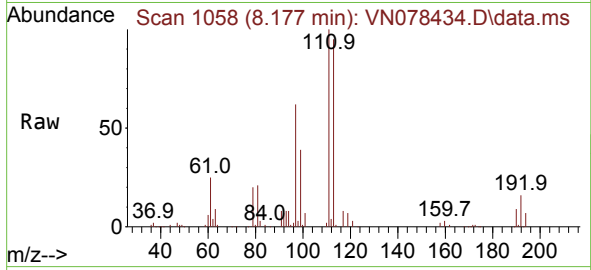




#35
 Dibromofluoromethane
 Concen: 53.000 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

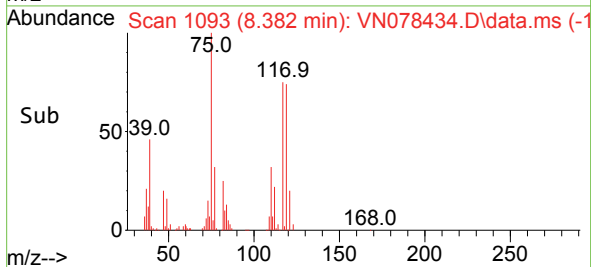
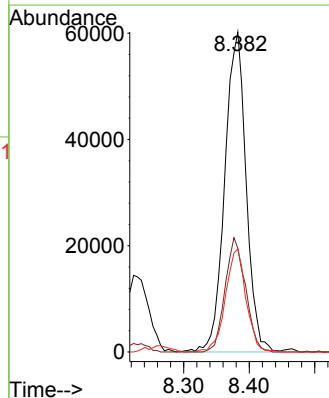
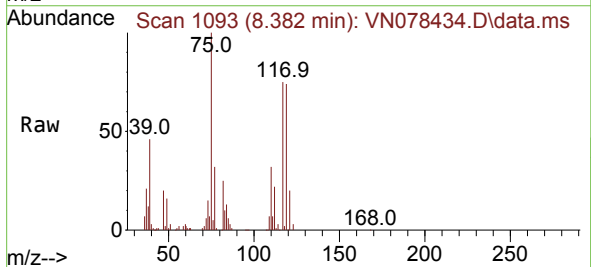
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

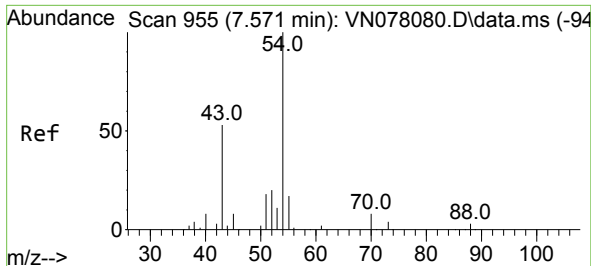
Tgt Ion:113 Resp: 247953
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 17.7 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 20.297 ug/l
 RT: 8.382 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

Tgt Ion: 75 Resp: 136205
 Ion Ratio Lower Upper
 75 100
 110 34.1 19.1 57.3
 77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 21.326 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

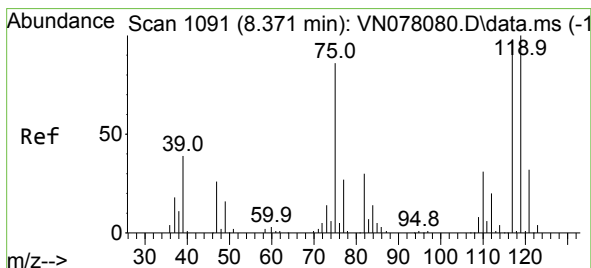
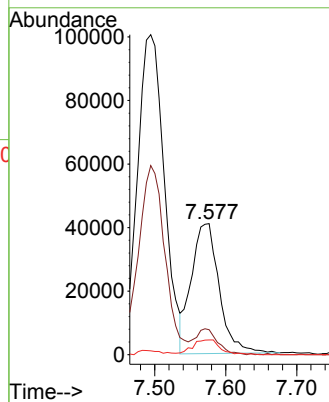
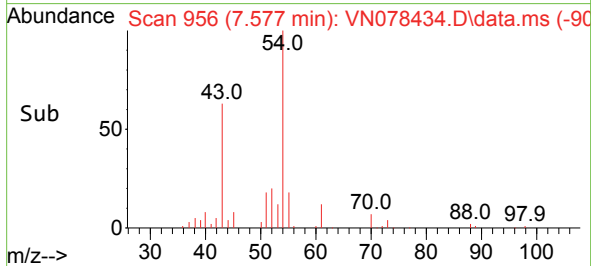
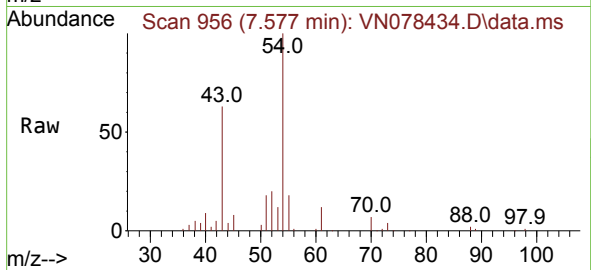
Tgt Ion: 43 Resp: 111796

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 11.4 11.3 16.9



#38

Carbon Tetrachloride

Concen: 21.130 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

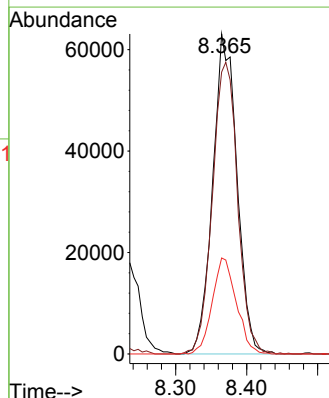
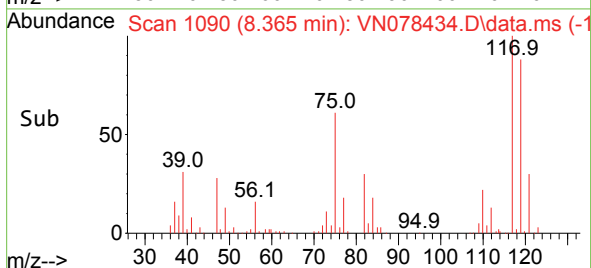
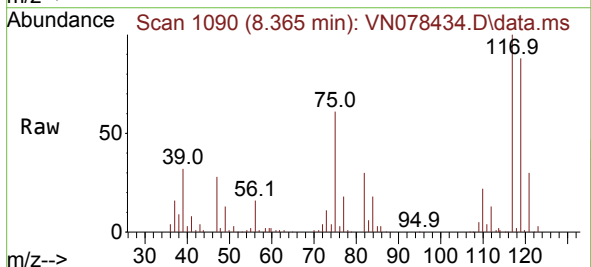
Tgt Ion: 117 Resp: 149717

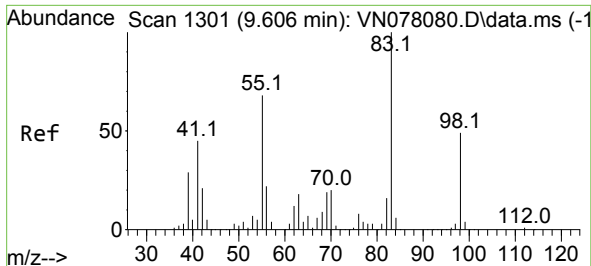
Ion Ratio Lower Upper

117 100

119 88.1 77.3 115.9

121 30.0 23.3 34.9

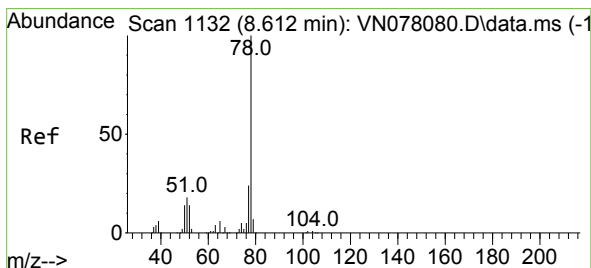
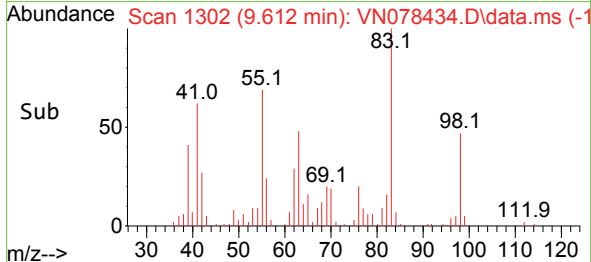
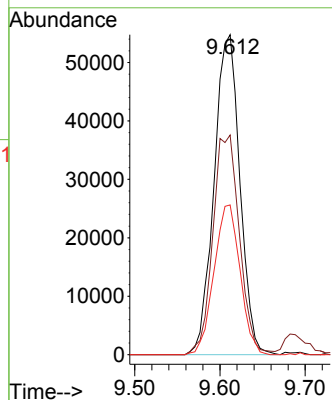
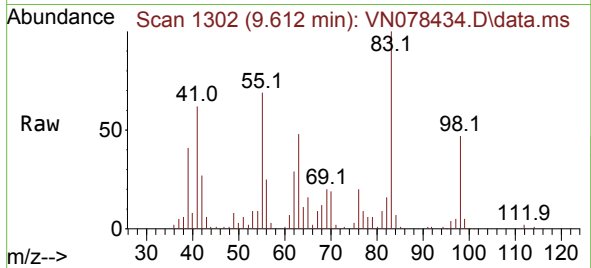




#39
Methylcyclohexane
Concen: 16.577 ug/l
RT: 9.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

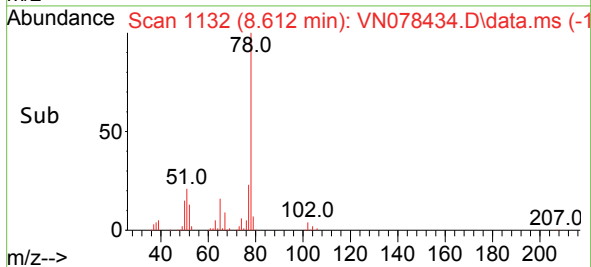
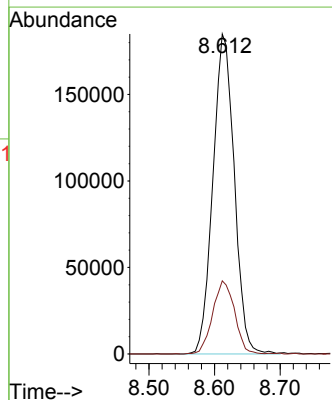
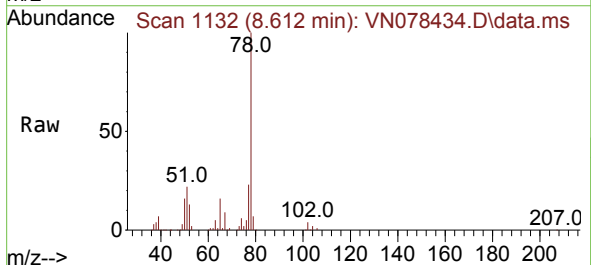
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

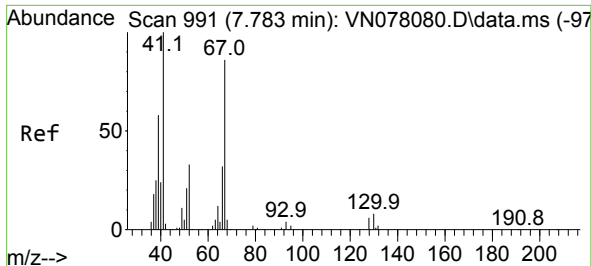
Tgt Ion: 83 Resp: 115279
Ion Ratio Lower Upper
83 100
55 68.6 49.1 73.7
98 46.8 40.6 61.0



#40
Benzene
Concen: 20.875 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 78 Resp: 418205
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6

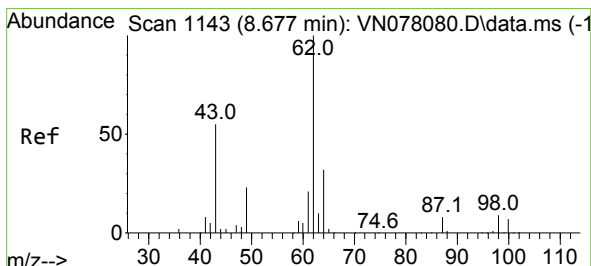
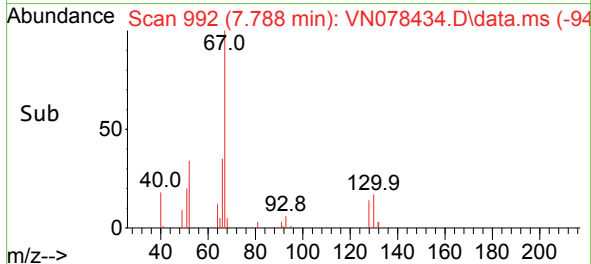
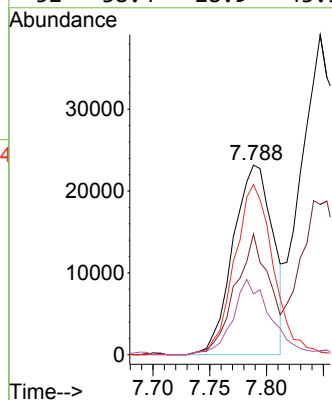
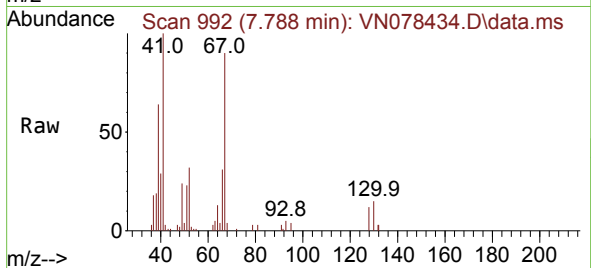




#41
Methacrylonitrile
Concen: 19.877 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

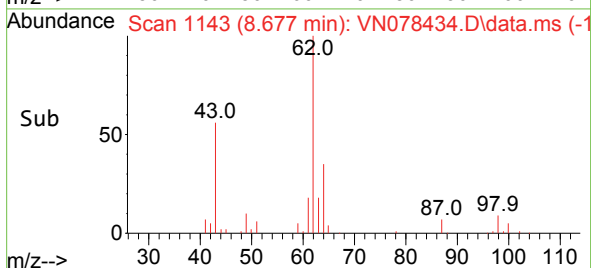
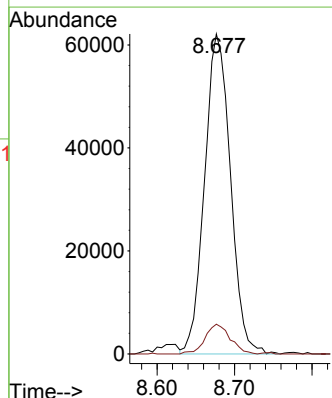
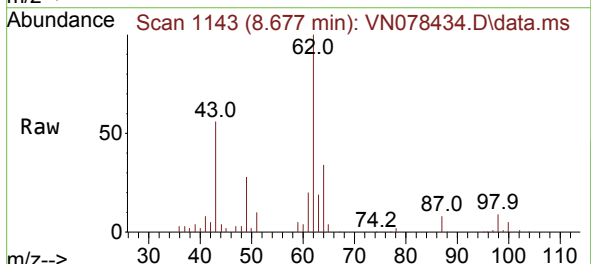
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

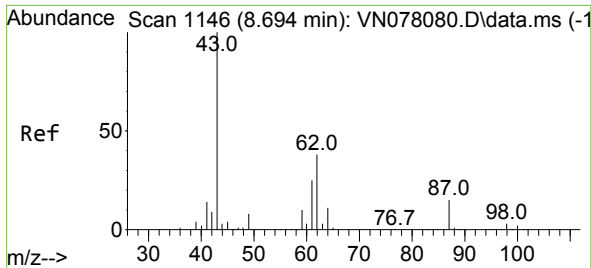
Tgt Ion:	41	Resp:	56479
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.6	64.0
67	87.6	77.5	116.3
52	38.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 20.988 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:	62	Resp:	144168
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

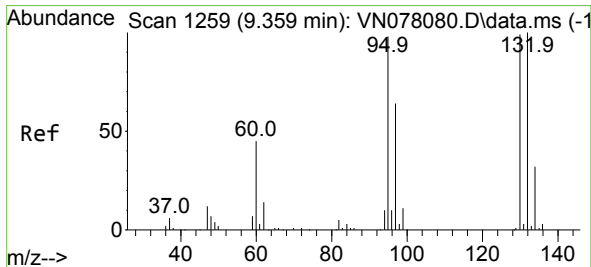
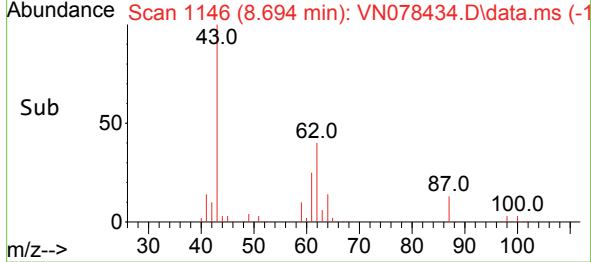
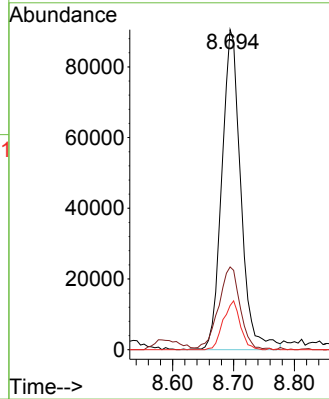
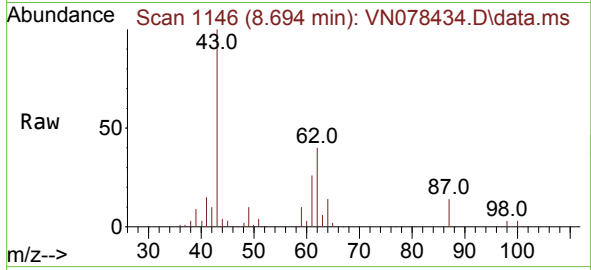




#43
Isopropyl Acetate
Concen: 19.513 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

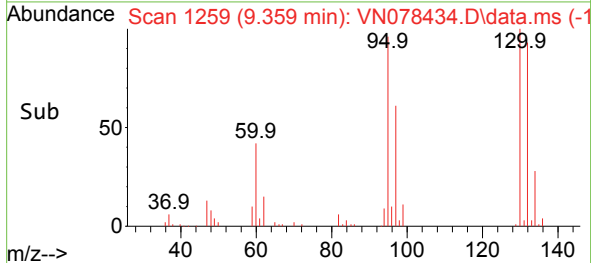
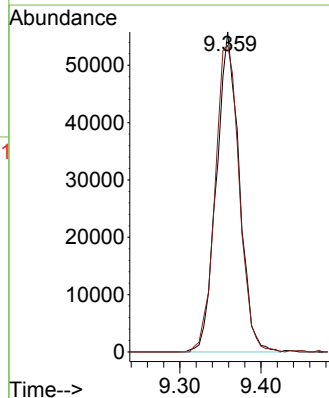
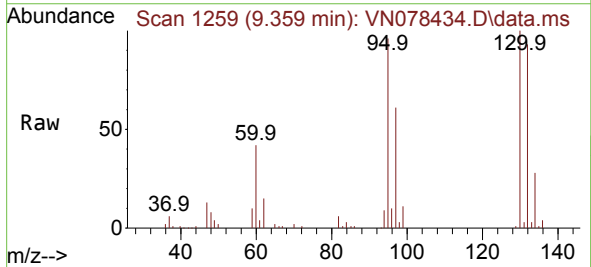
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

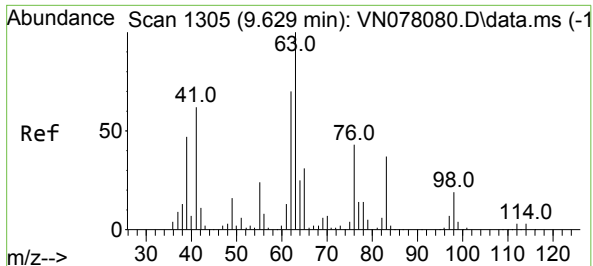
Tgt Ion: 43 Resp: 195631
Ion Ratio Lower Upper
43 100
61 29.4 24.7 37.1
87 13.8 14.6 21.8#



#44
Trichloroethene
Concen: 20.598 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:130 Resp: 108977
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6

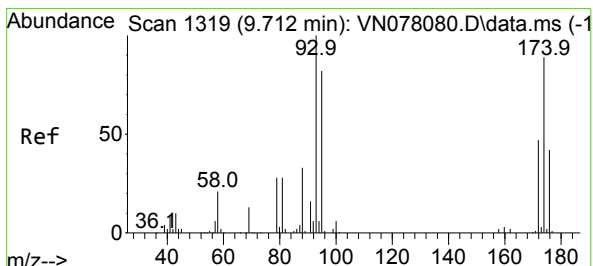
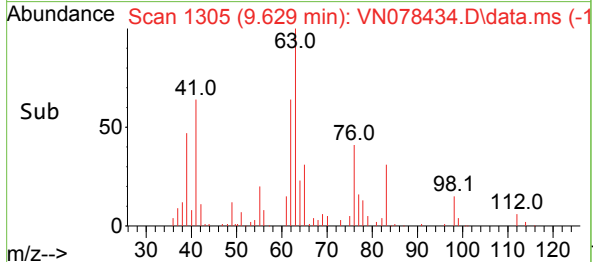
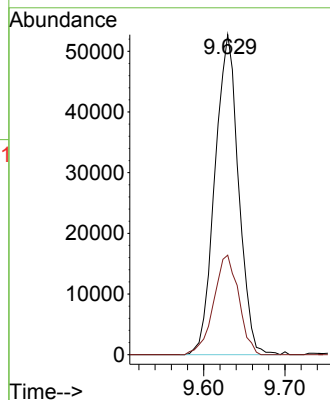
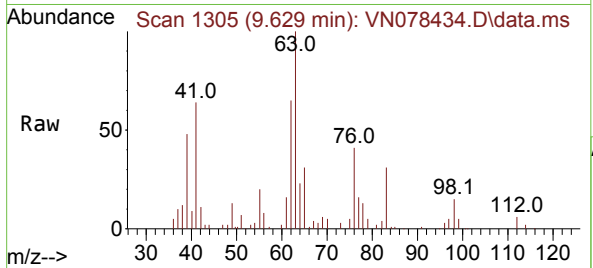




#45
1,2-Dichloropropane
Concen: 21.454 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

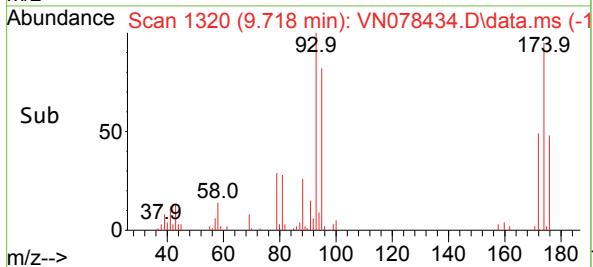
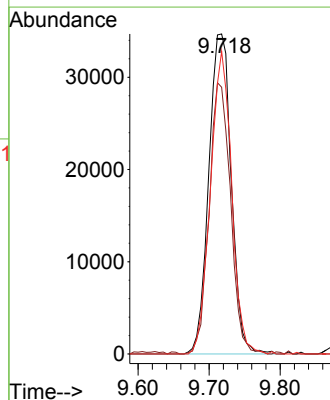
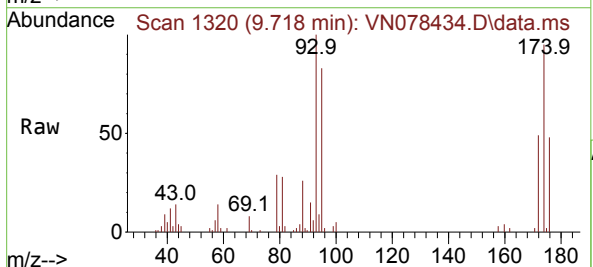
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

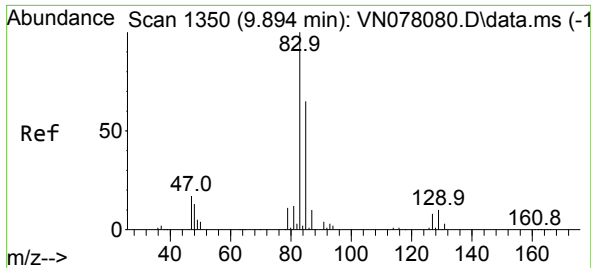
Tgt Ion: 63 Resp: 106936
Ion Ratio Lower Upper
63 100
65 31.1 23.9 35.9



#46
Dibromomethane
Concen: 20.802 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 93 Resp: 76372
Ion Ratio Lower Upper
93 100
95 80.5 63.8 95.8
174 88.8 65.6 98.4

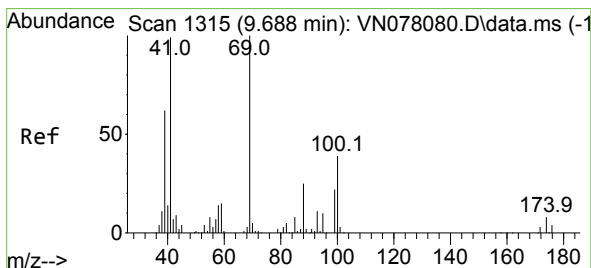
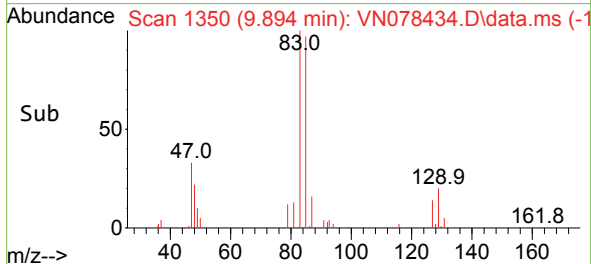
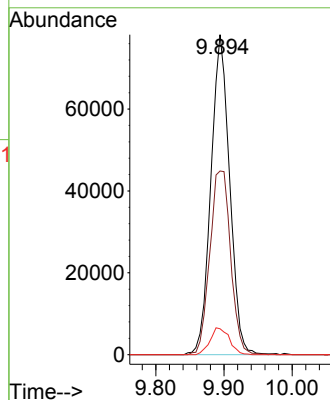
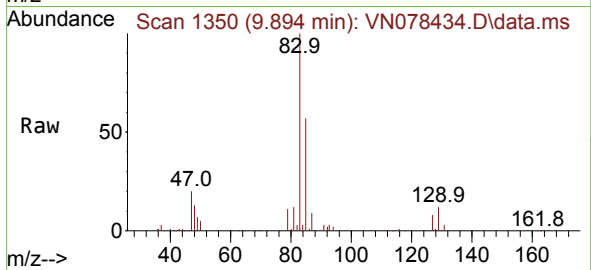




#47
Bromodichloromethane
Concen: 21.911 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

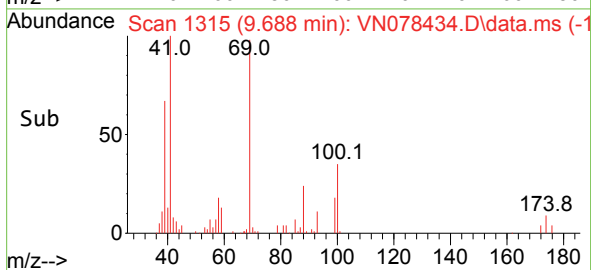
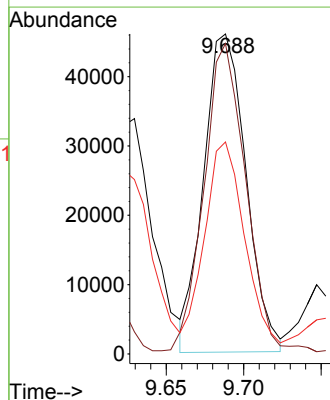
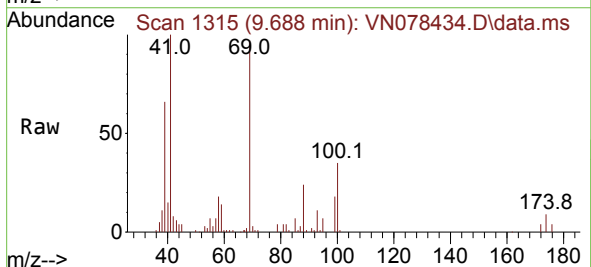
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

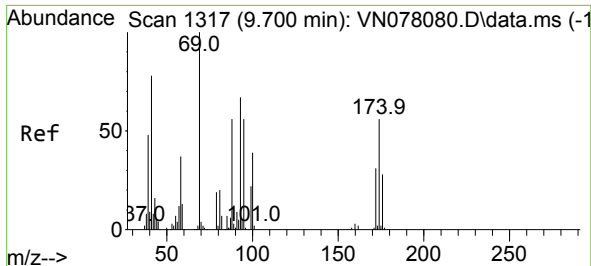
Tgt Ion: 83 Resp: 149426
Ion Ratio Lower Upper
83 100
85 57.4 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 20.779 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 41 Resp: 87425
Ion Ratio Lower Upper
41 100
69 97.6 90.4 135.6
39 64.8 54.6 81.8

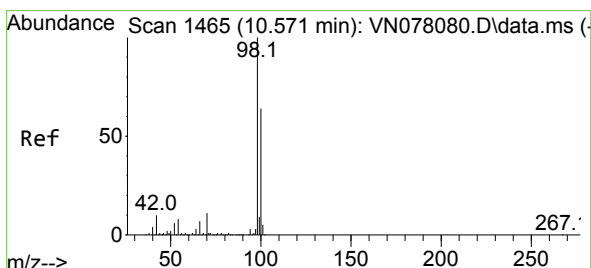
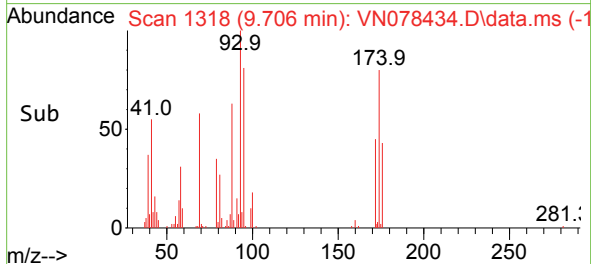
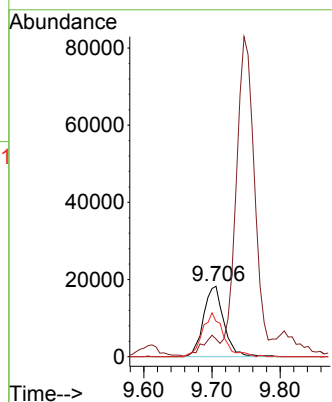
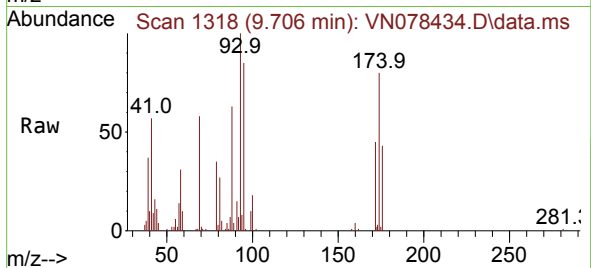




#49
1,4-Dioxane
Concen: 428.666 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

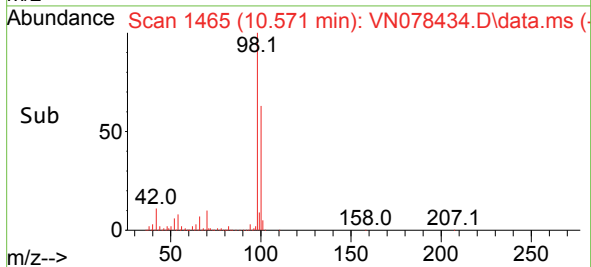
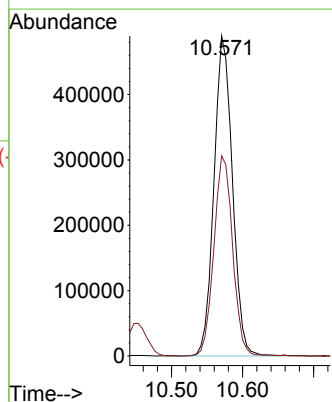
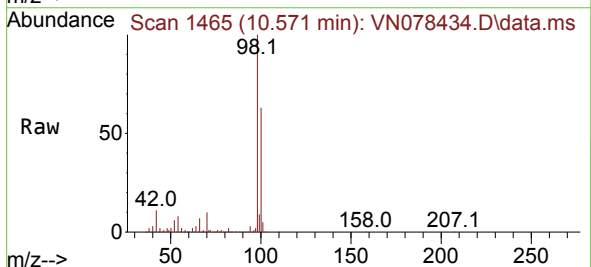
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

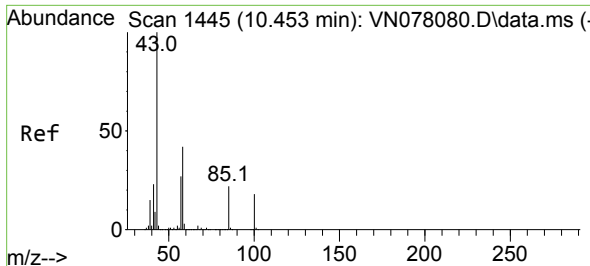
Tgt Ion: 88 Resp: 37906
Ion Ratio Lower Upper
88 100
43 23.3 17.0 25.6
58 64.0 47.0 70.4



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 98 Resp: 882629
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.323 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

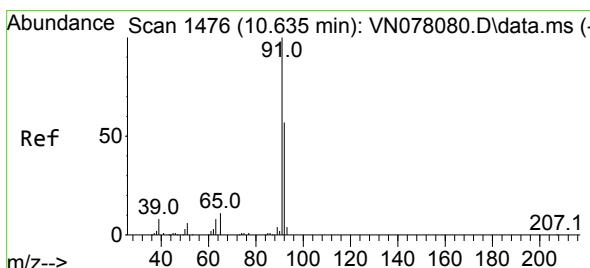
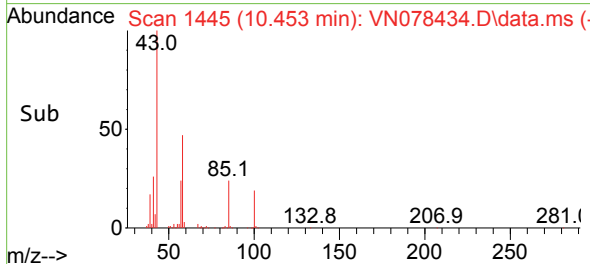
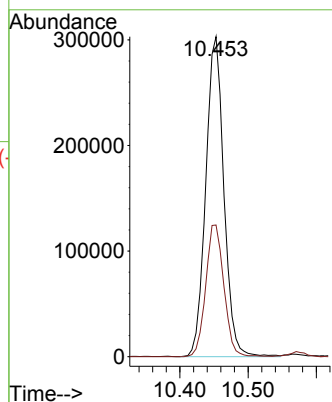
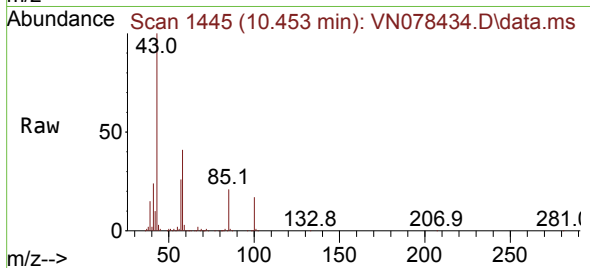
VN0628WBS01

Tgt Ion: 43 Resp: 561314

Ion Ratio Lower Upper

43 100

58 41.2 36.6 54.8



#52

Toluene

Concen: 20.322 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN078434.D

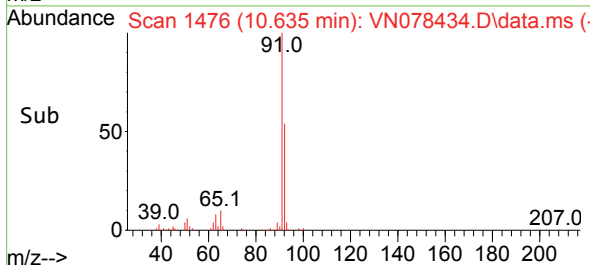
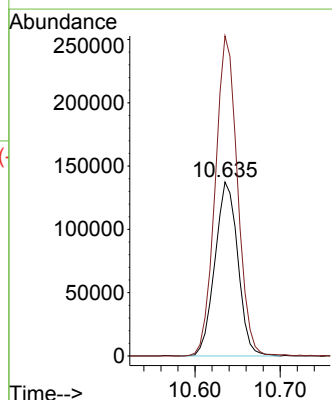
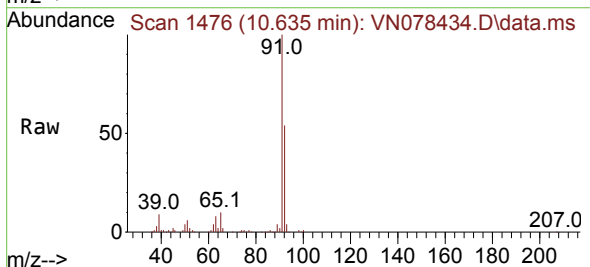
Acq: 28 Jun 2023 12:03

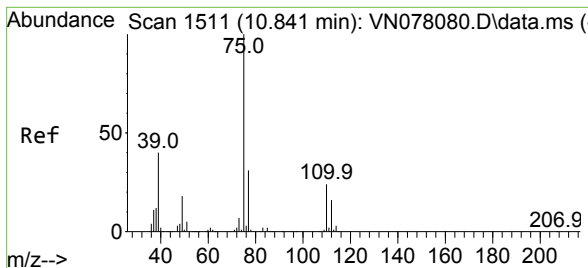
Tgt Ion: 92 Resp: 257050

Ion Ratio Lower Upper

92 100

91 179.1 137.4 206.0

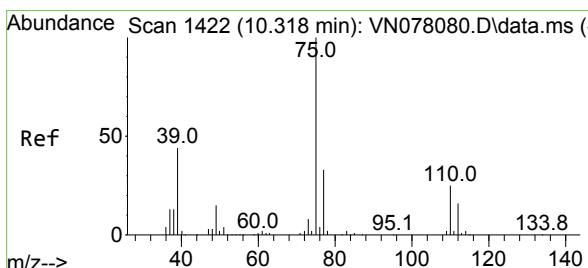
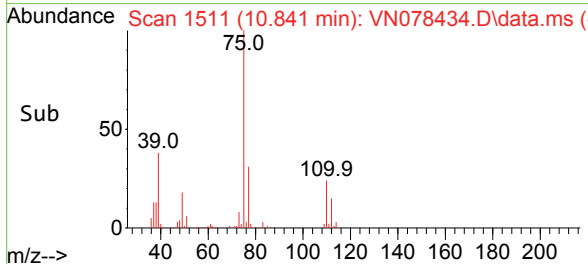
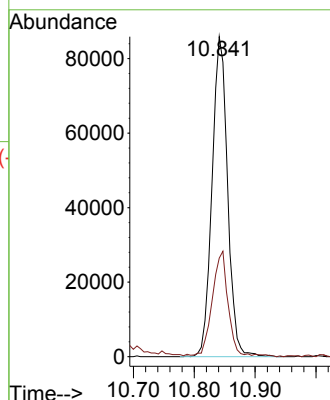
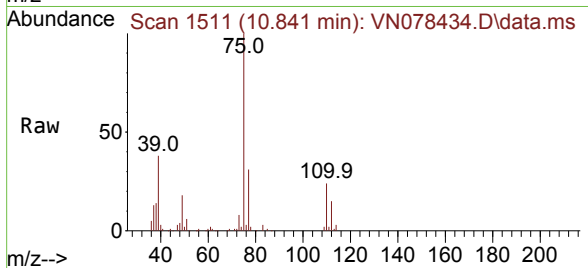




#53
t-1,3-Dichloropropene
Concen: 21.484 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

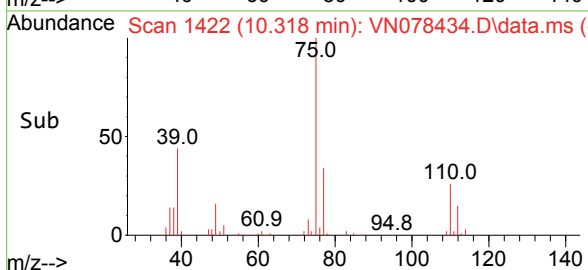
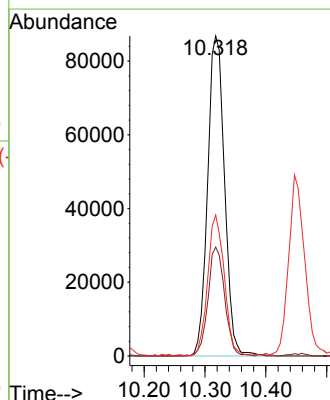
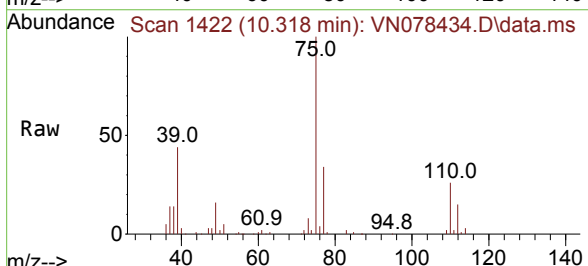
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

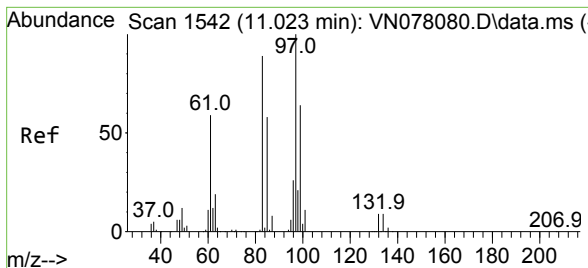
Tgt Ion: 75 Resp: 152584
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.345 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 75 Resp: 167579
Ion Ratio Lower Upper
75 100
77 34.1 26.1 39.1
39 43.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 22.153 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tgt Ion: 97 Resp: 105998

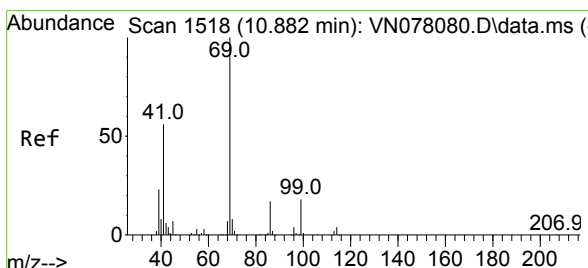
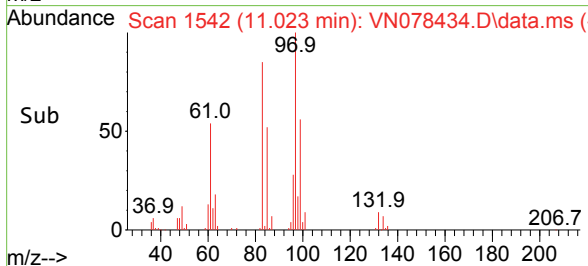
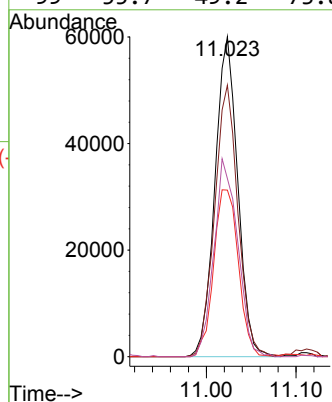
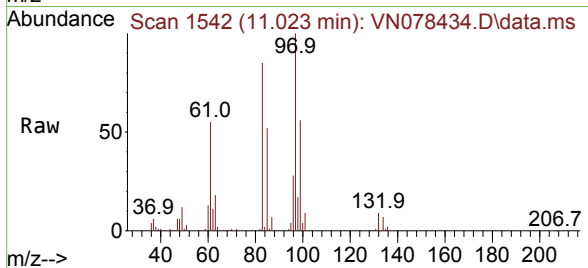
Ion Ratio Lower Upper

97 100

83 84.8 65.1 97.7

85 52.1 43.4 65.2

99 55.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.212 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

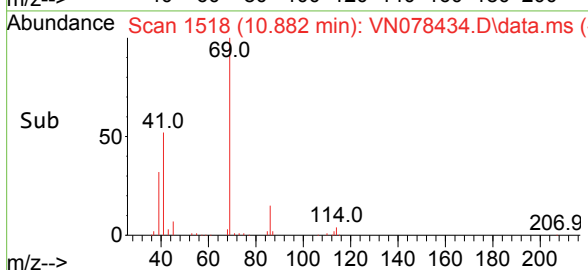
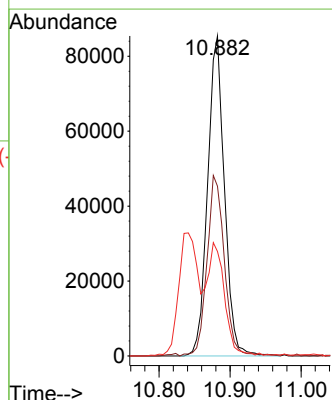
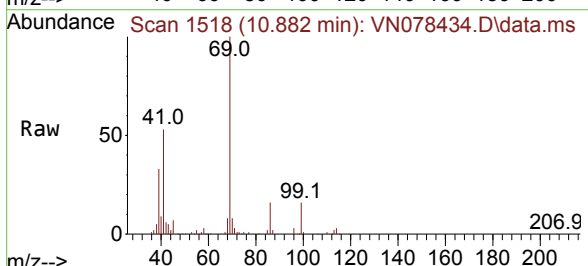
Tgt Ion: 69 Resp: 140821

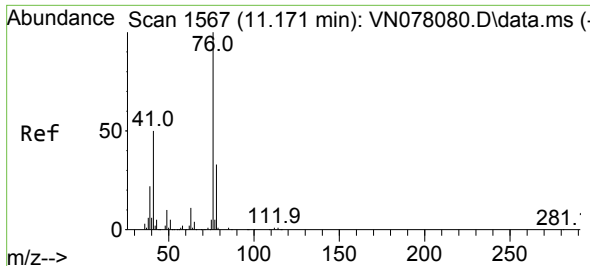
Ion Ratio Lower Upper

69 100

41 58.3 39.6 59.4

39 32.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.060 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

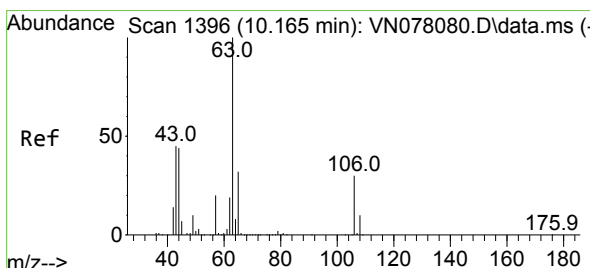
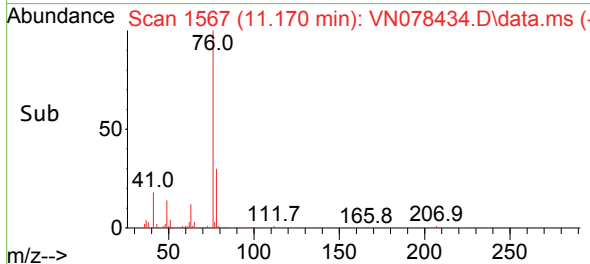
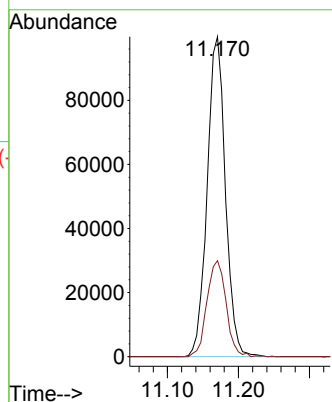
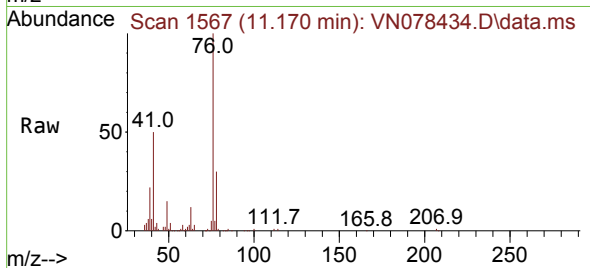
VN0628WBS01

Tgt Ion: 76 Resp: 178175

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.216 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078434.D

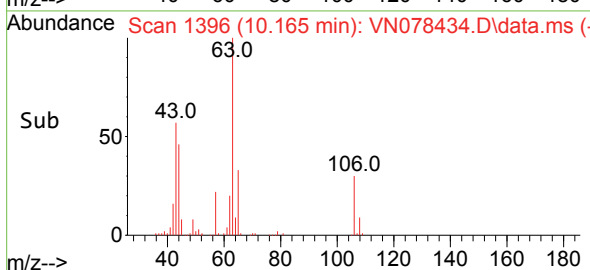
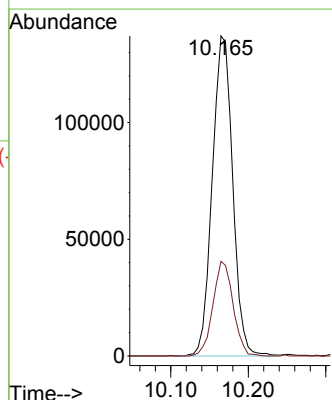
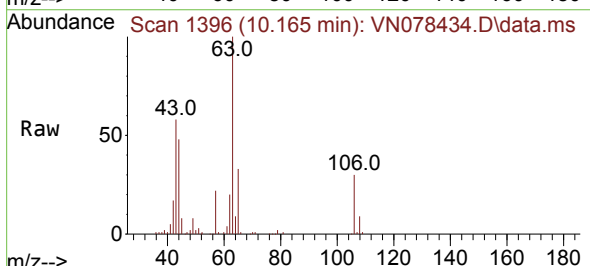
Acq: 28 Jun 2023 12:03

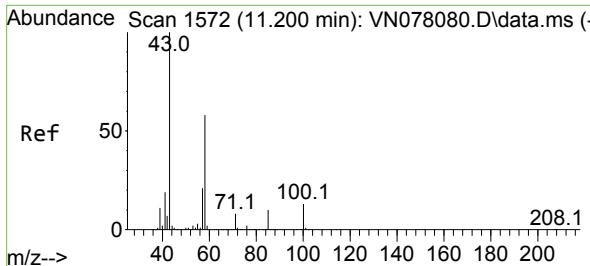
Tgt Ion: 63 Resp: 251100

Ion Ratio Lower Upper

63 100

106 29.1 26.2 39.4

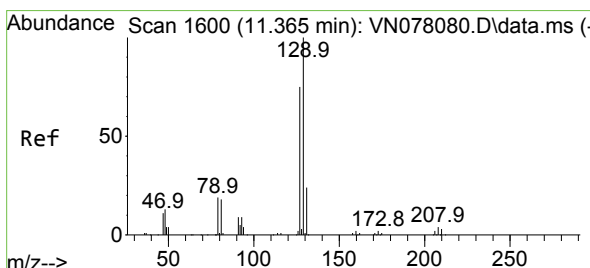
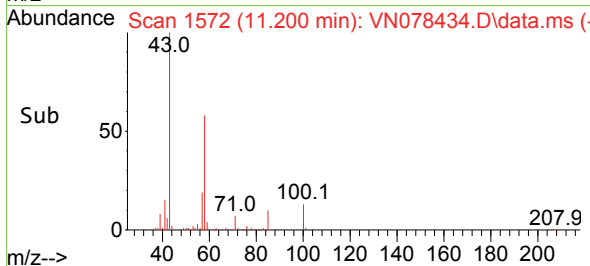
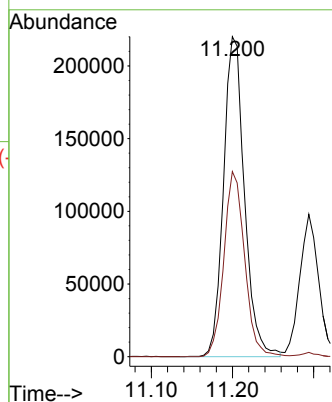
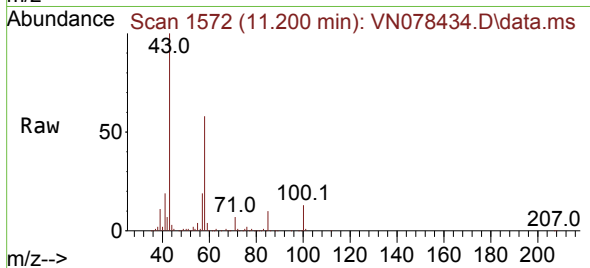




#59
2-Hexanone
Concen: 107.418 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

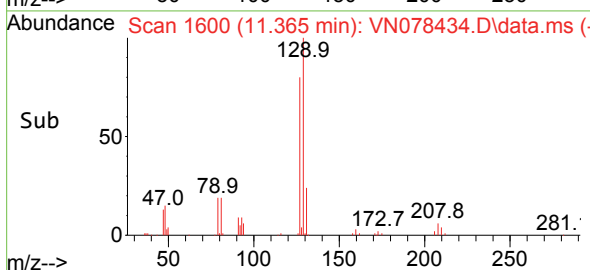
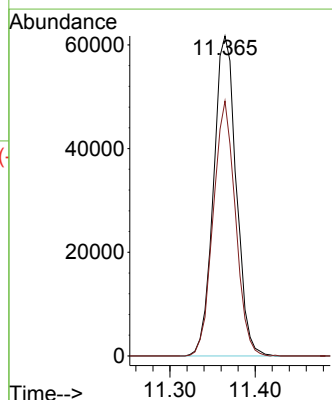
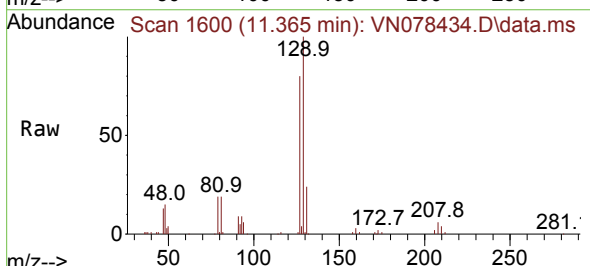
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

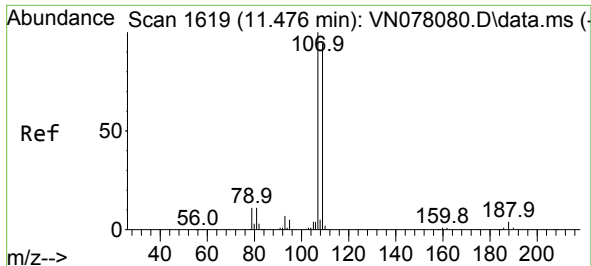
Tgt Ion: 43 Resp: 394864
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 21.812 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 129 Resp: 114206
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

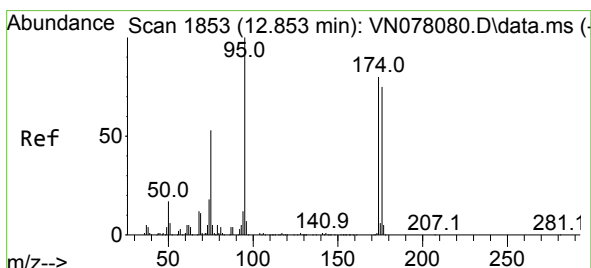
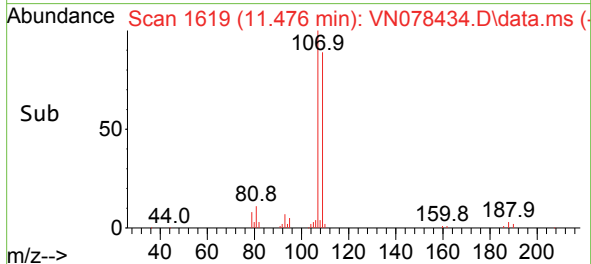
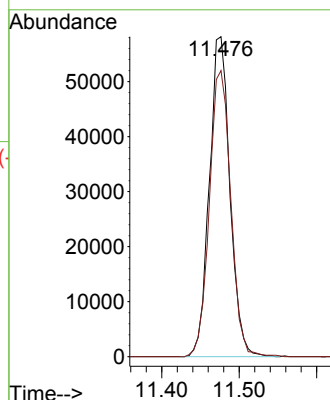
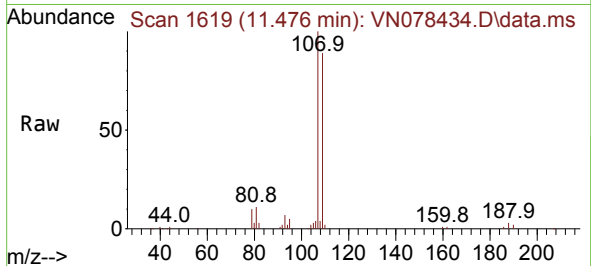




#61
1,2-Dibromoethane
Concen: 21.364 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

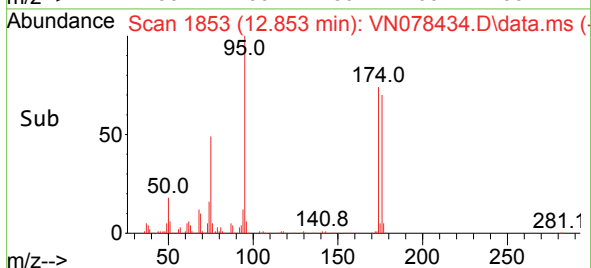
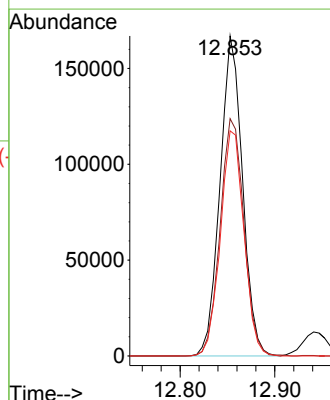
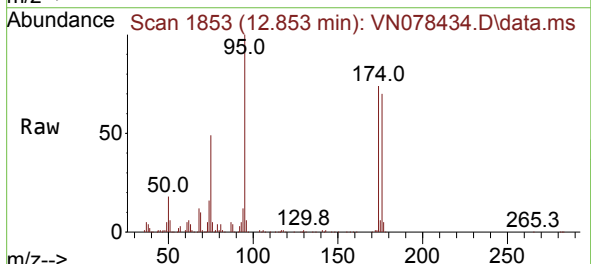
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

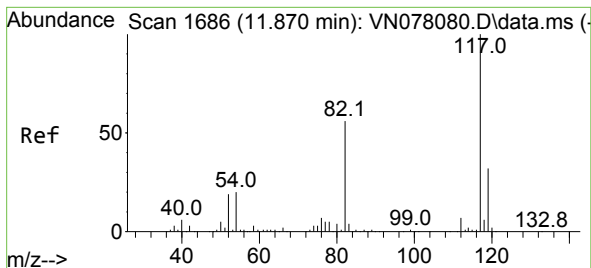
Tgt Ion:107 Resp: 107275
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.230 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 95 Resp: 276019
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 73.6 0.0 135.8

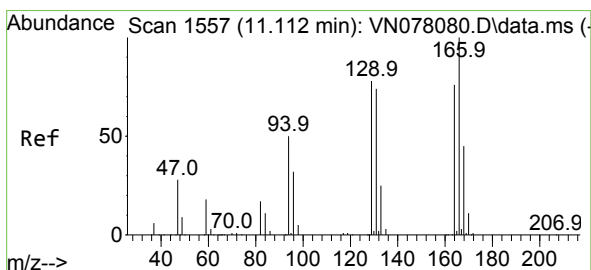
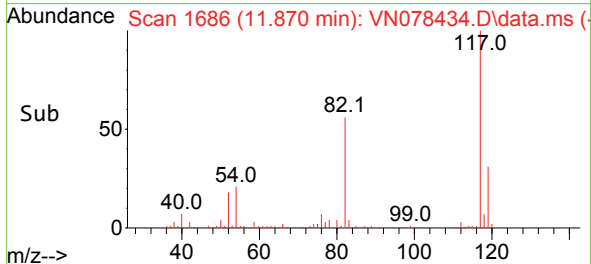
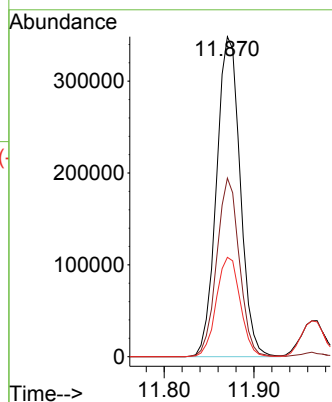
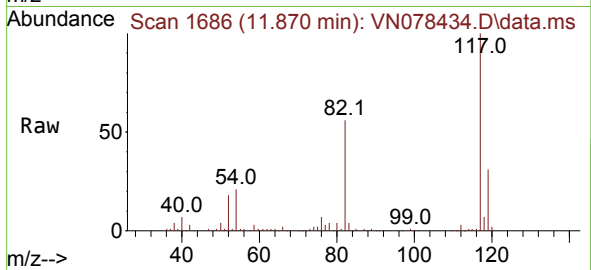




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

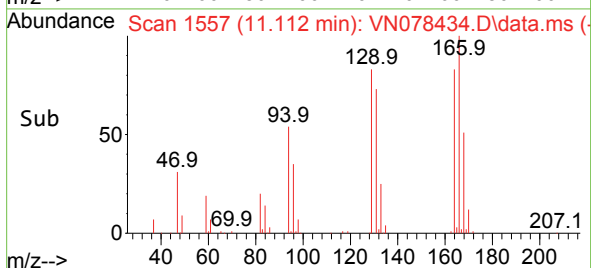
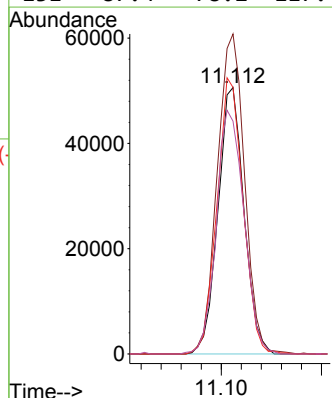
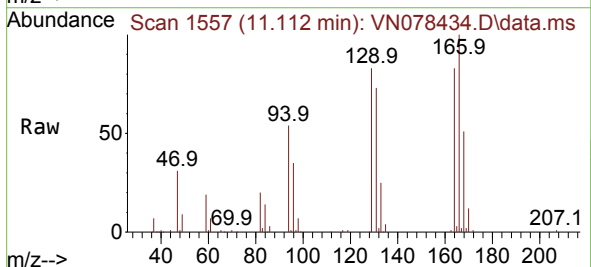
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

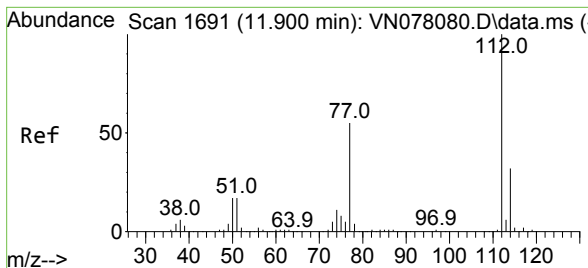
Tgt Ion:117 Resp: 638641
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 21.355 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:164 Resp: 90984
Ion Ratio Lower Upper
164 100
166 120.1 101.4 152.0
129 100.1 82.4 123.6
131 87.4 78.2 117.4

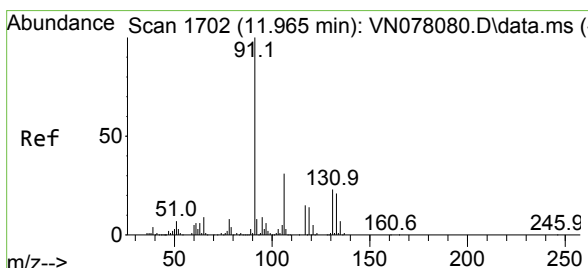
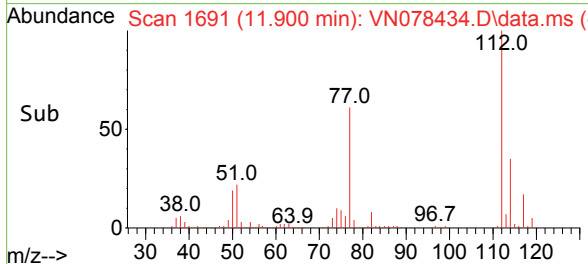
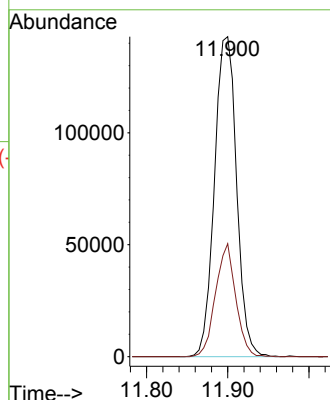
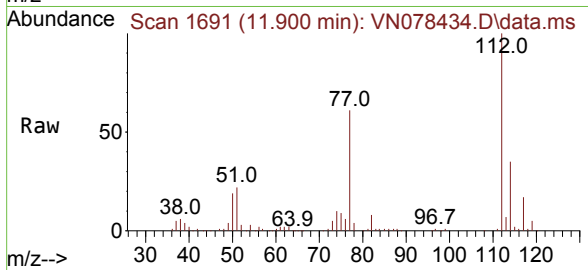




#65
Chlorobenzene
Concen: 19.782 ug/l
RT: 11.900 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

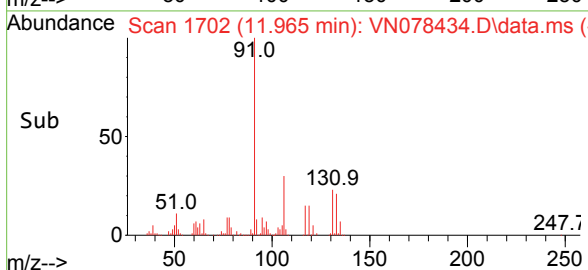
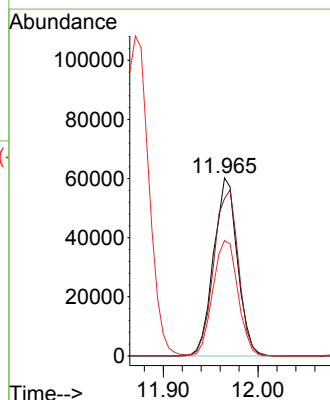
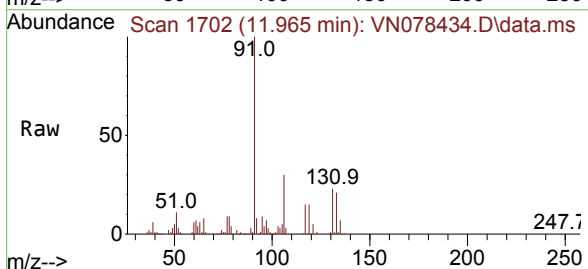
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

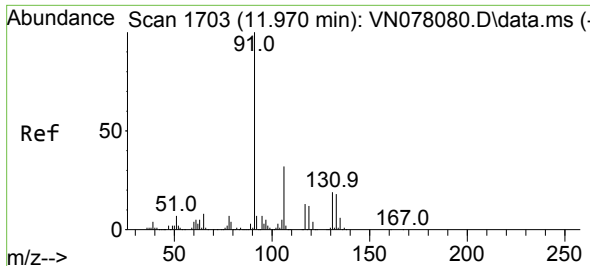
Tgt Ion:112 Resp: 270560
Ion Ratio Lower Upper
112 100
114 35.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:131 Resp: 105201
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 68.0 34.1 102.2

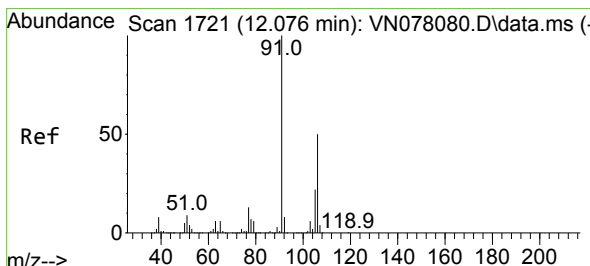
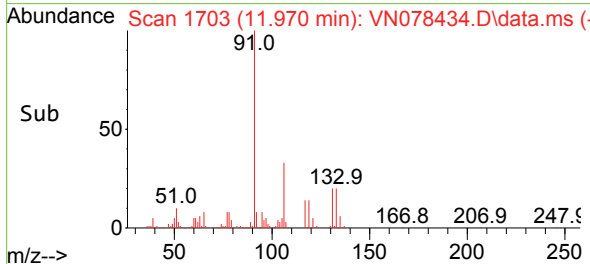
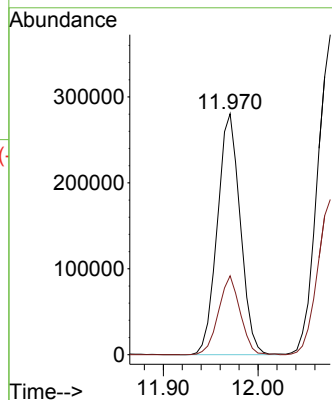
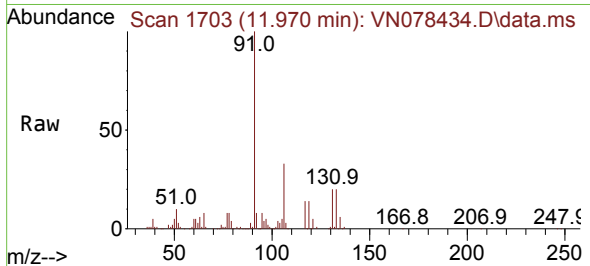




#67
Ethyl Benzene
Concen: 19.967 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

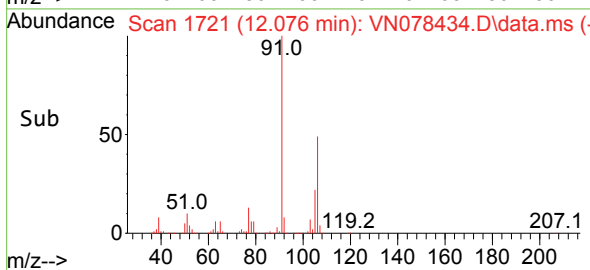
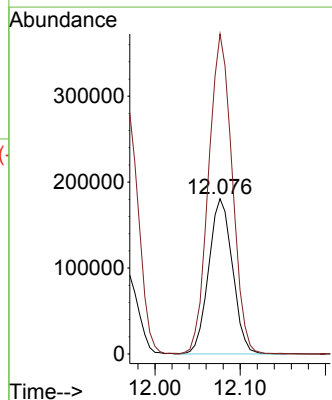
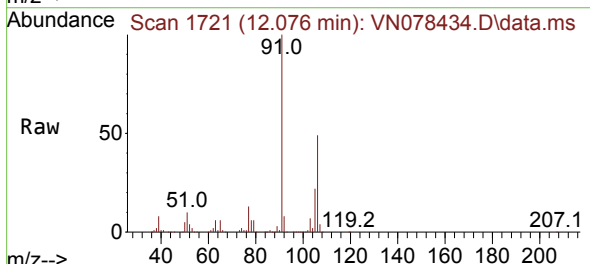
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

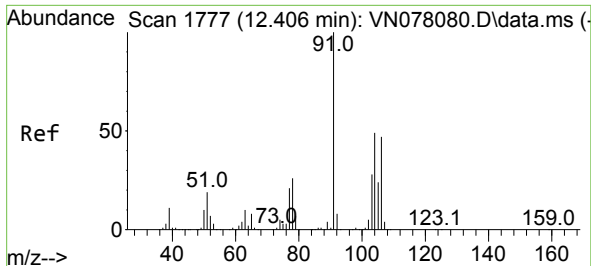
Tgt Ion: 91 Resp: 471199
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 39.065 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:106 Resp: 351340
Ion Ratio Lower Upper
106 100
91 205.2 159.6 239.4

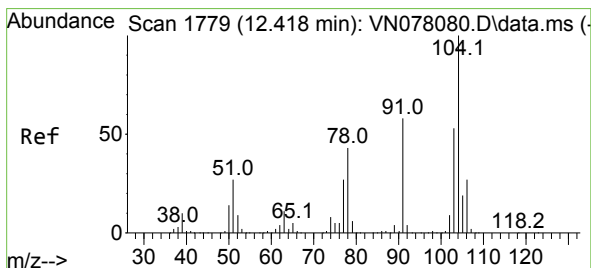
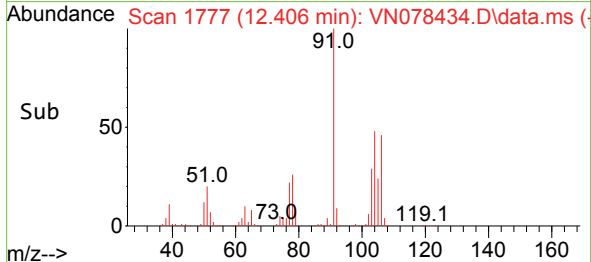
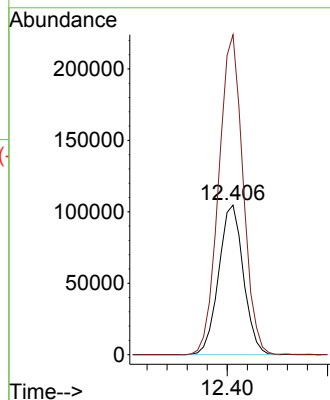
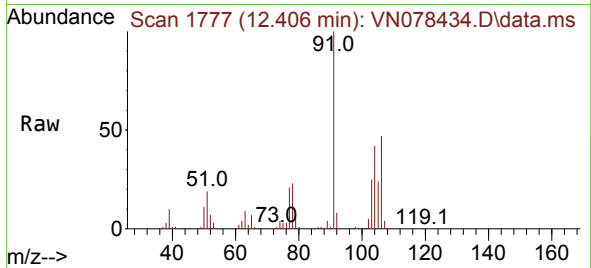




#69
o-Xylene
Concen: 20.218 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

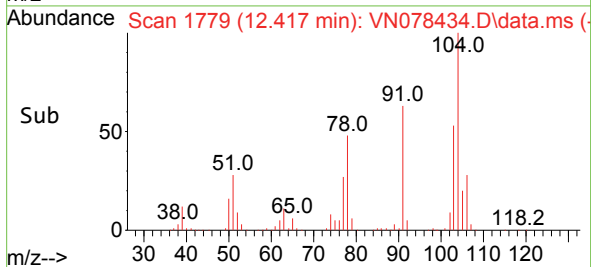
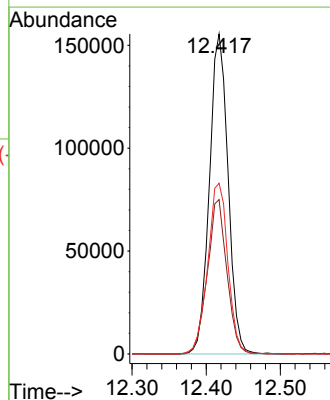
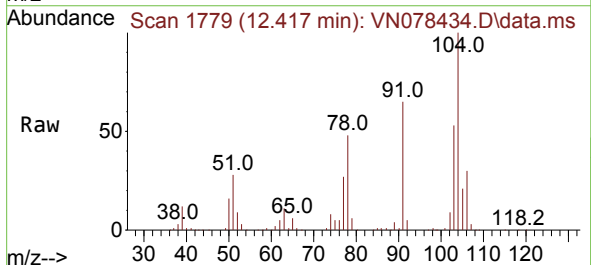
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

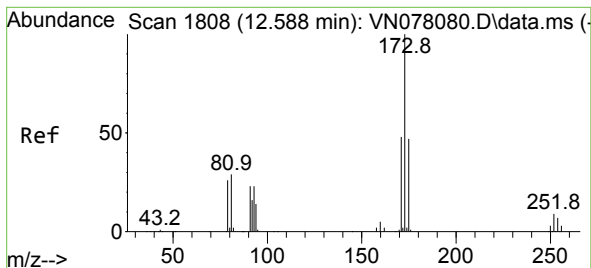
Tgt Ion:106 Resp: 178567
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5



#70
Styrene
Concen: 19.587 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:104 Resp: 272344
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 57.7 43.2 64.8





#71

Bromoform

Concen: 21.429 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

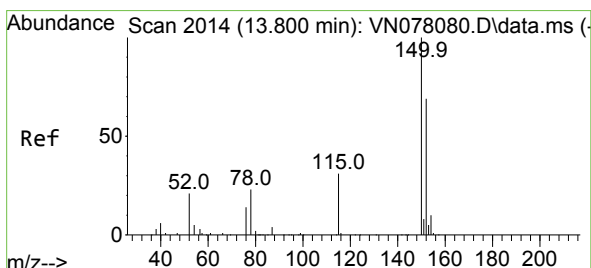
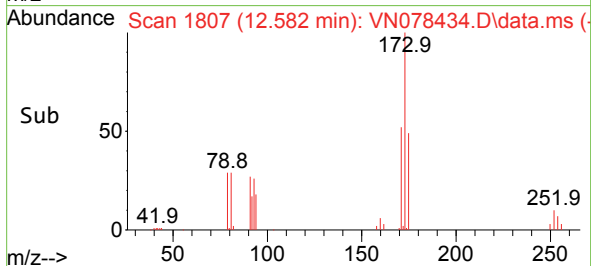
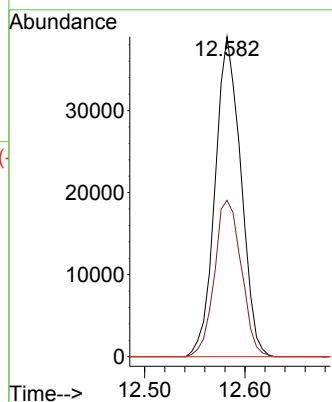
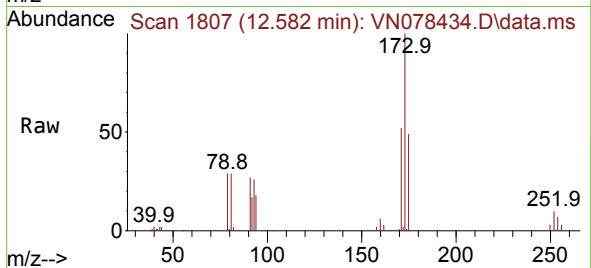
Tgt Ion:173 Resp: 69565

Ion Ratio Lower Upper

173 100

175 51.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

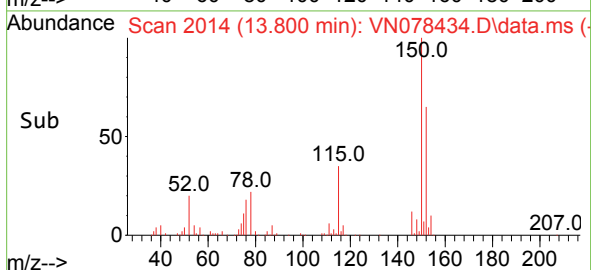
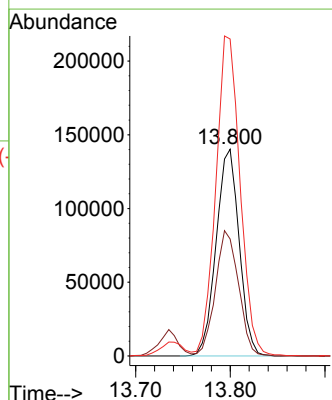
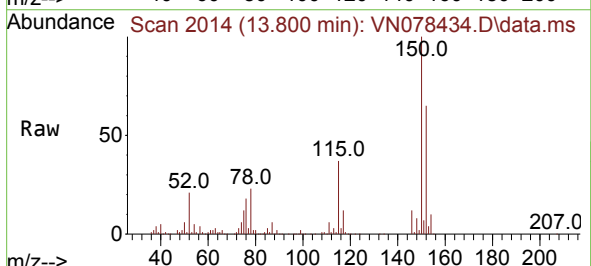
Tgt Ion:152 Resp: 236974

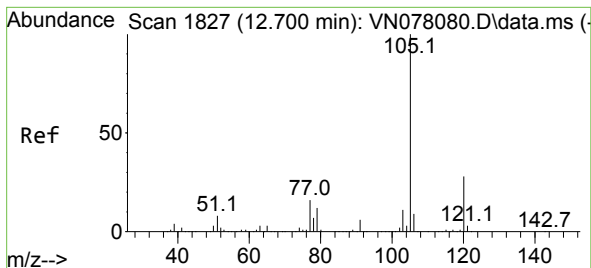
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 163.2 0.0 355.8





#73

Isopropylbenzene

Concen: 19.336 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

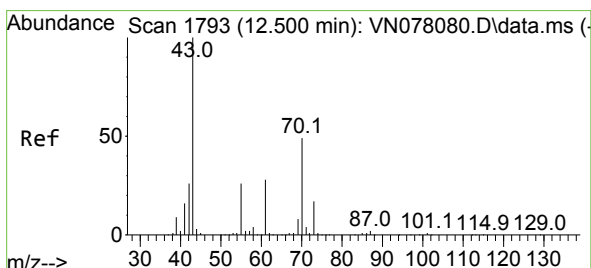
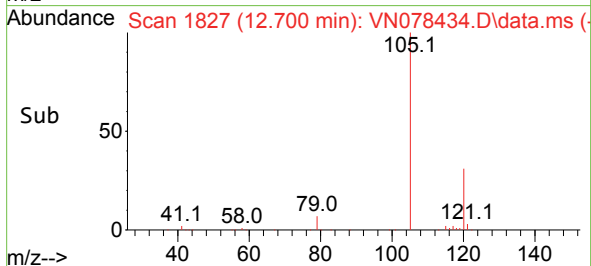
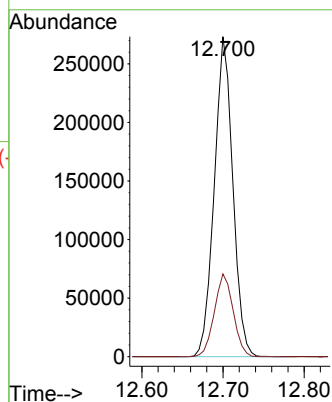
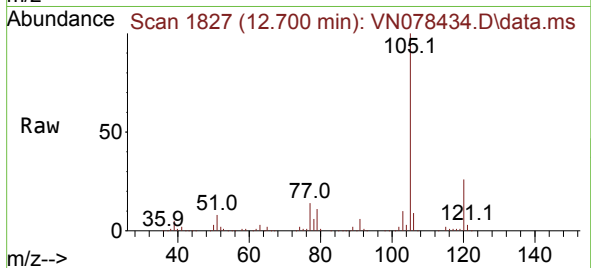
VN0628WBS01

Tgt Ion:105 Resp: 433301

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 19.447 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Tgt Ion: 43 Resp: 143505

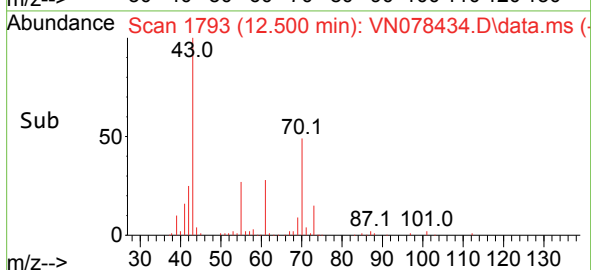
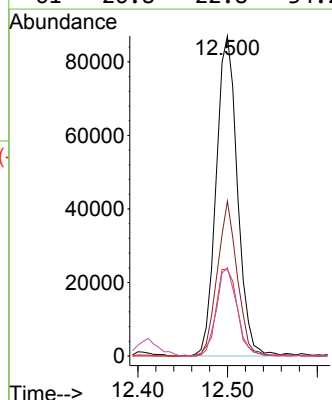
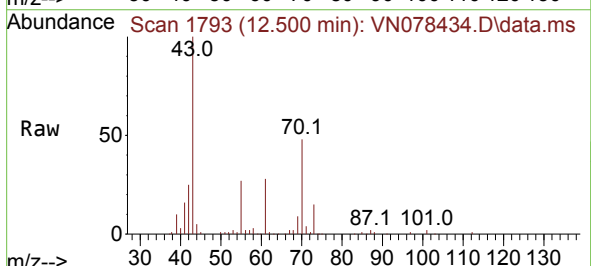
Ion Ratio Lower Upper

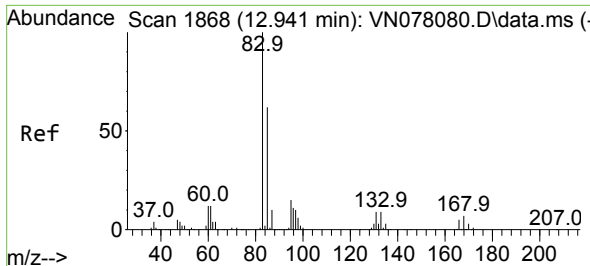
43 100

70 45.1 43.4 65.2

55 27.4 21.4 32.0

61 26.8 22.8 34.2

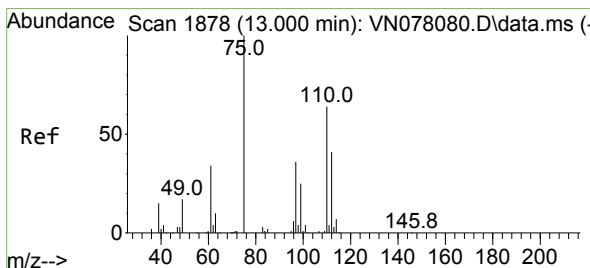
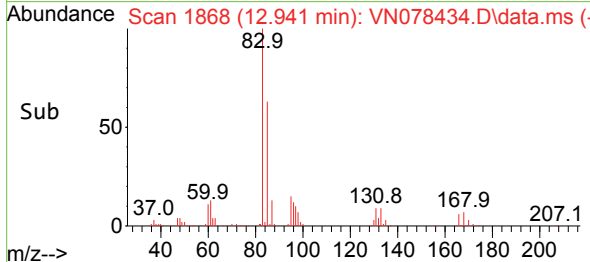
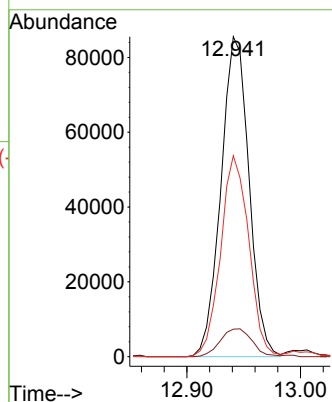
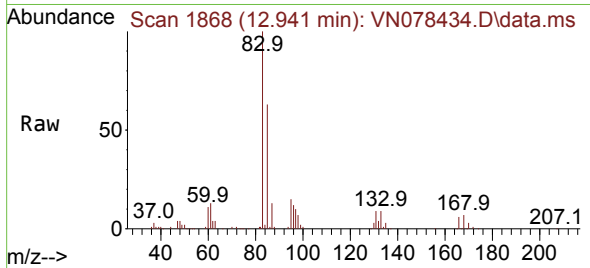




#75
 1,1,2-Tetrachloroethane
 Concen: 22.506 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

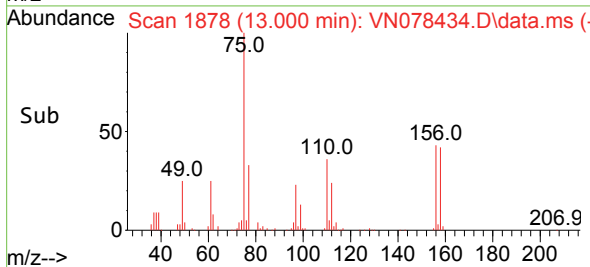
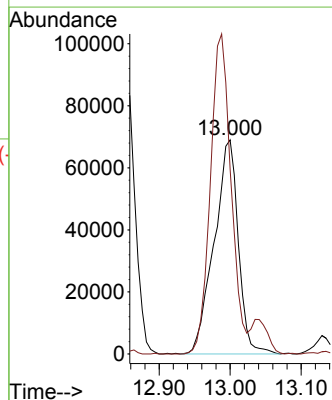
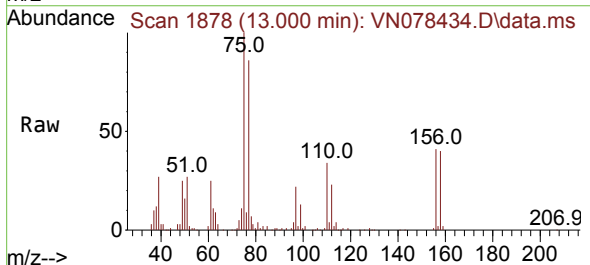
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

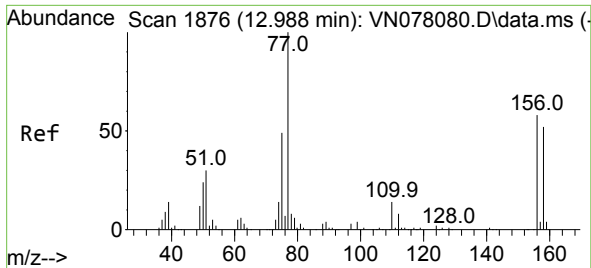
Tgt Ion: 83 Resp: 147008
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 62.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 29.015 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078434.D
 Acq: 28 Jun 2023 12:03

Tgt Ion: 75 Resp: 162549
 Ion Ratio Lower Upper
 75 100
 77 128.1 84.5 253.5

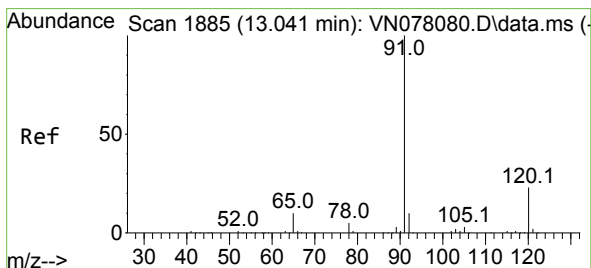
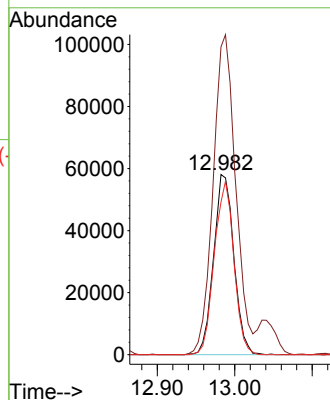
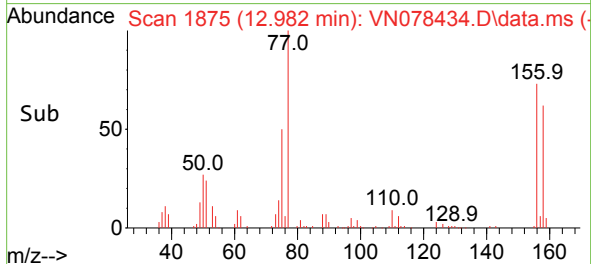
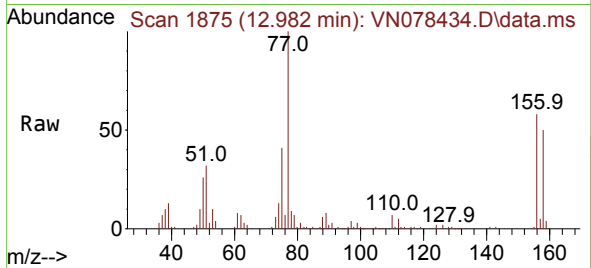




#77
Bromobenzene
Concen: 20.283 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

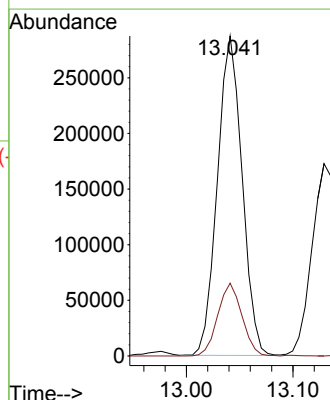
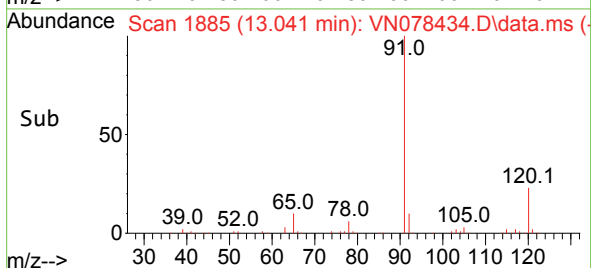
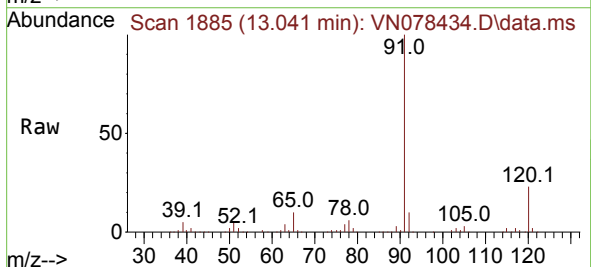
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

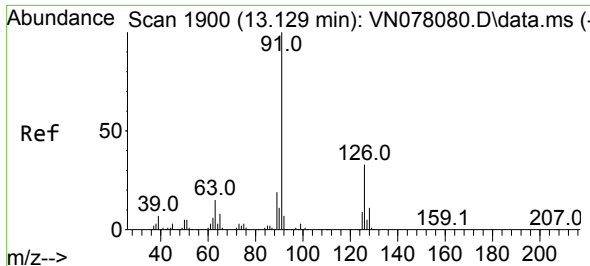
Tgt Ion:156 Resp: 105512
Ion Ratio Lower Upper
156 100
77 197.3 107.7 323.3
158 92.7 48.4 145.3



#78
n-propylbenzene
Concen: 18.970 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 91 Resp: 461866
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

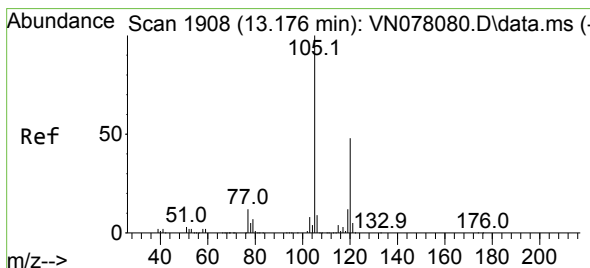
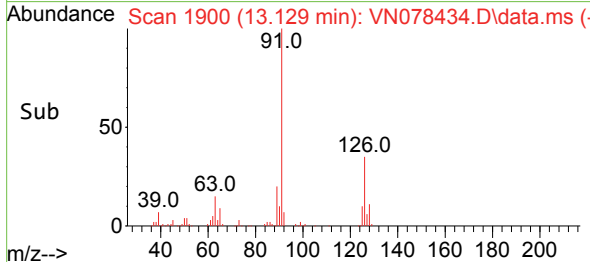
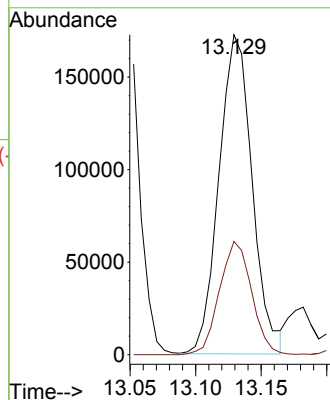
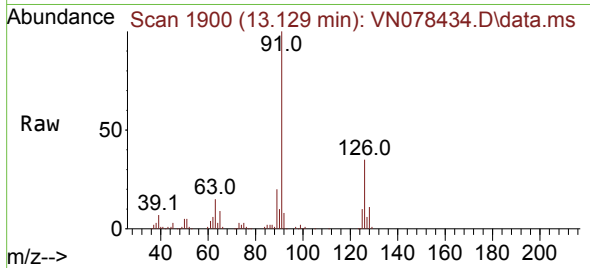




#79
2-Chlorotoluene
Concen: 19.339 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

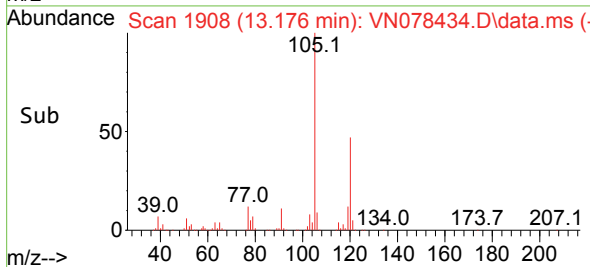
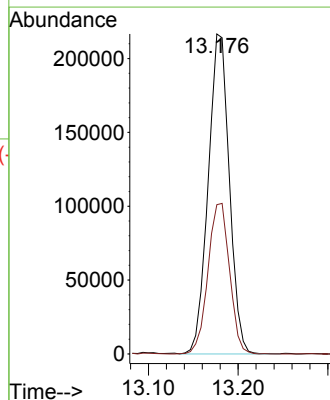
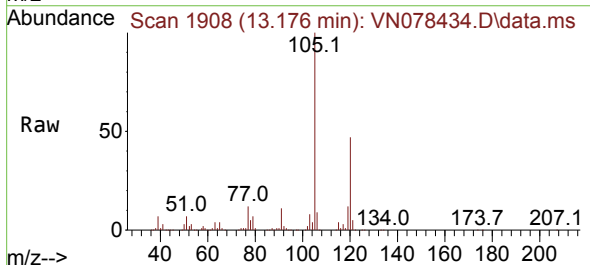
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

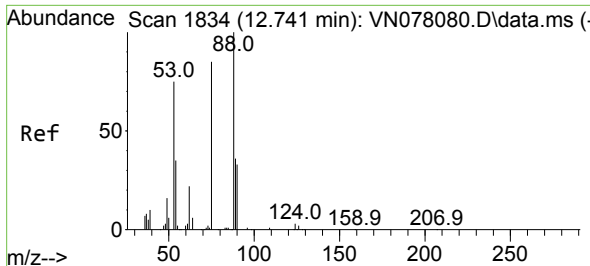
Tgt Ion: 91 Resp: 303926
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.552 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 105 Resp: 354728
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

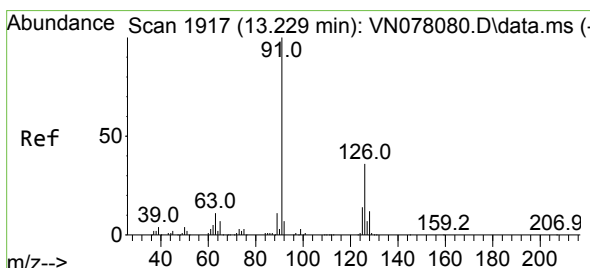
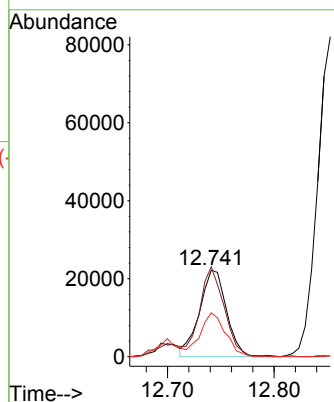
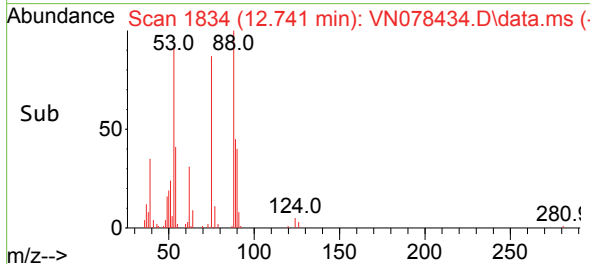
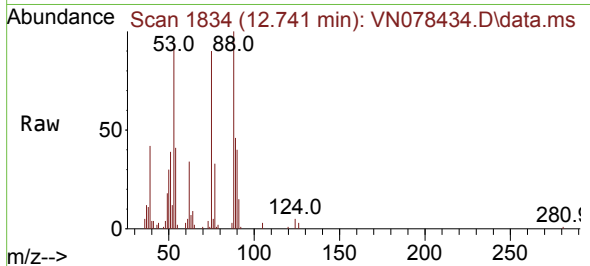




#81
trans-1,4-Dichloro-2-butene
Concen: 21.456 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

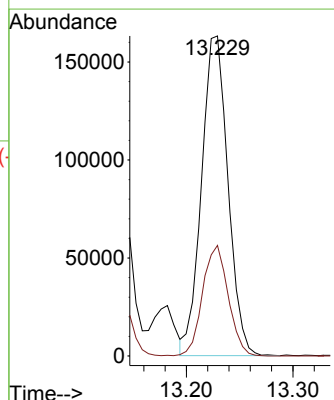
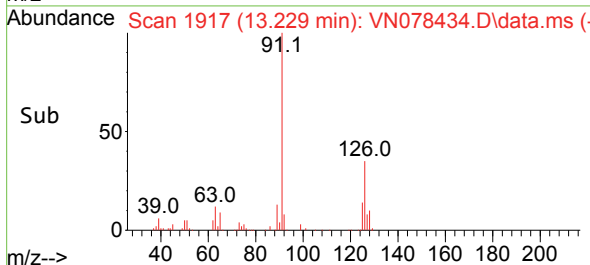
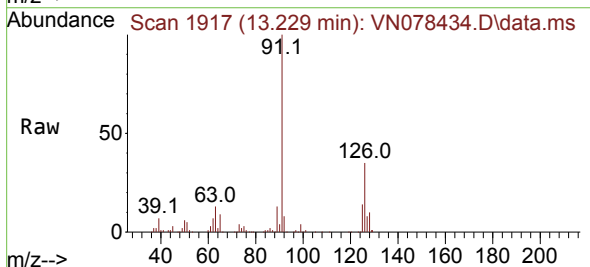
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

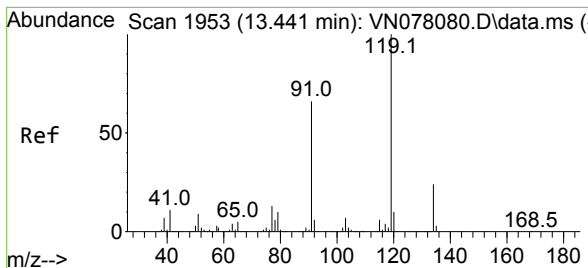
Tgt Ion: 75 Resp: 39124
Ion Ratio Lower Upper
75 100
53 94.7 67.4 101.2
89 47.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.231 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion: 91 Resp: 282070
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

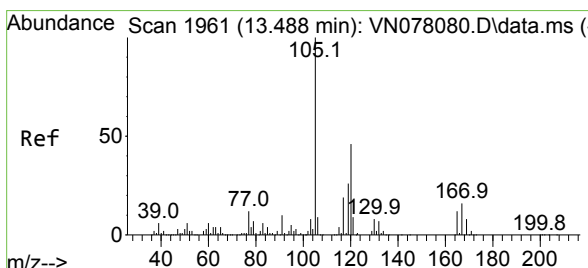
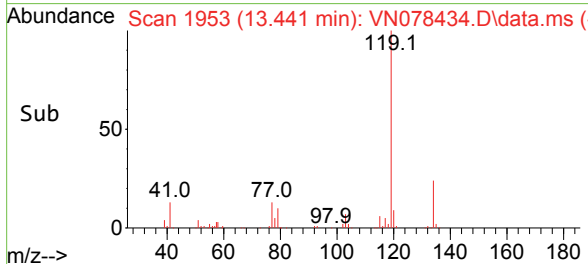
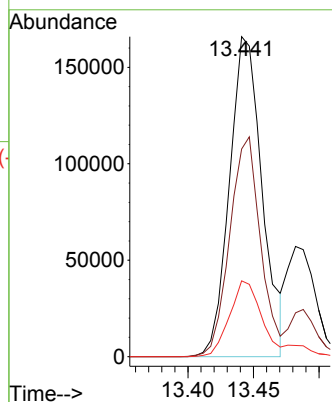
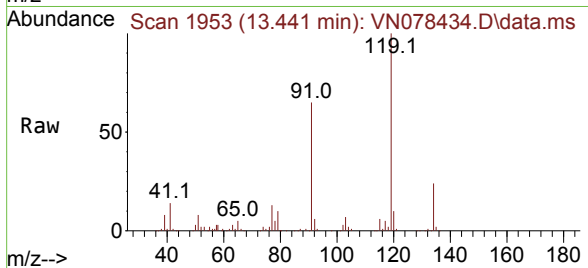




#83
tert-Butylbenzene
Concen: 18.262 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

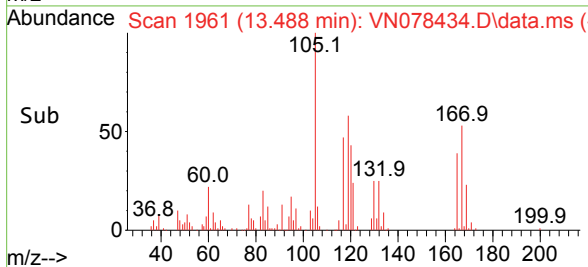
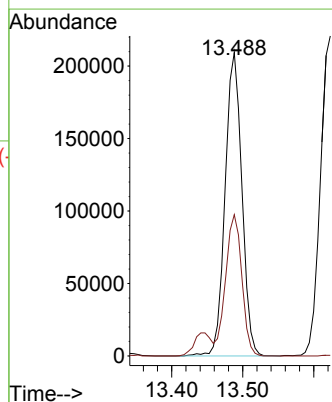
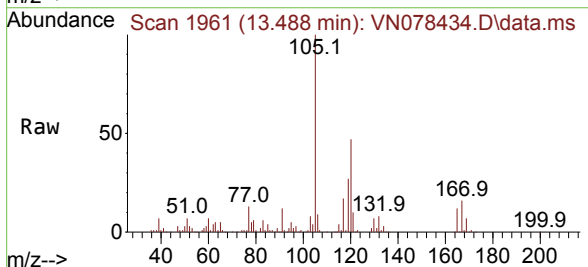
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

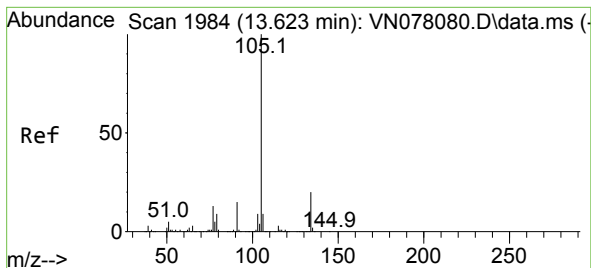
Tgt Ion:119 Resp: 288014
Ion Ratio Lower Upper
119 100
91 64.8 33.9 101.7
134 25.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.473 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078434.D
Acq: 28 Jun 2023 12:03

Tgt Ion:105 Resp: 342526
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.668 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

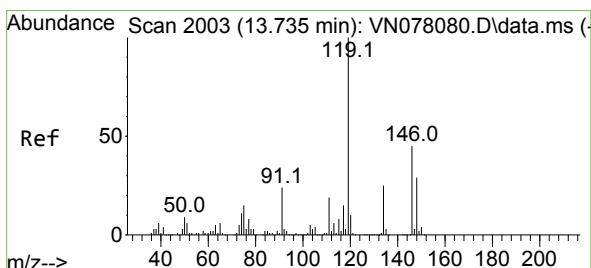
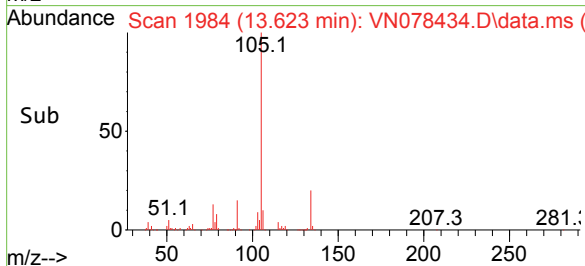
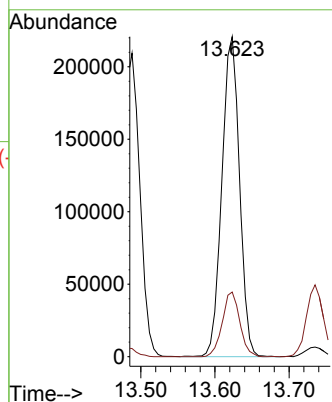
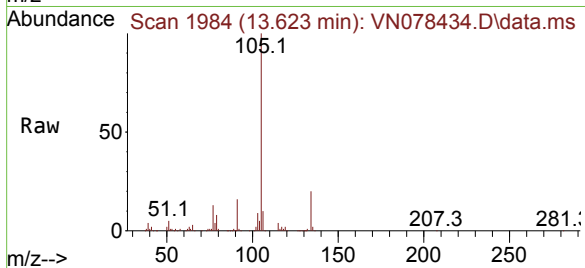
VN0628WBS01

Tgt Ion:105 Resp: 364702

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.862 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

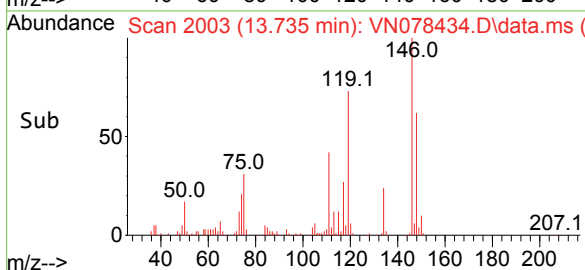
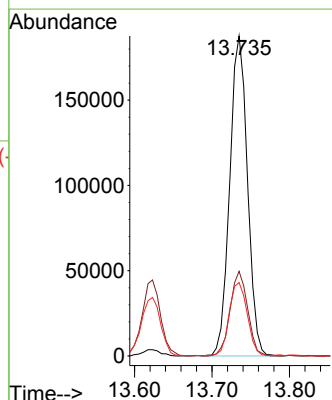
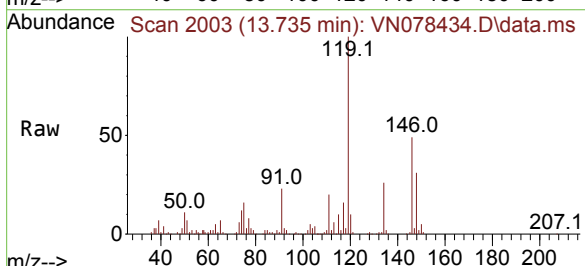
Tgt Ion:119 Resp: 299200

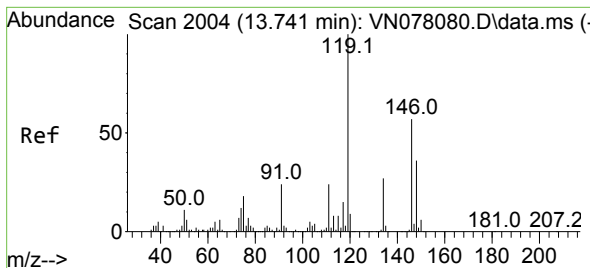
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.606 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

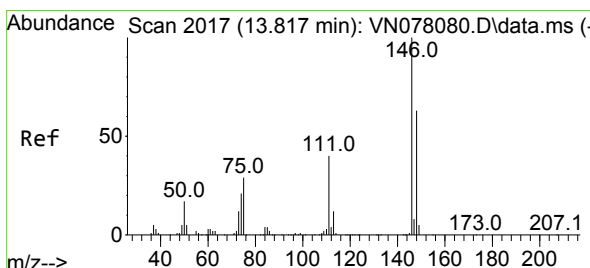
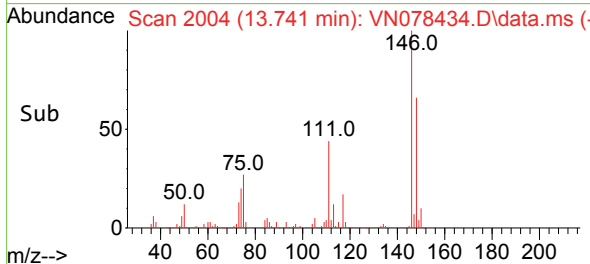
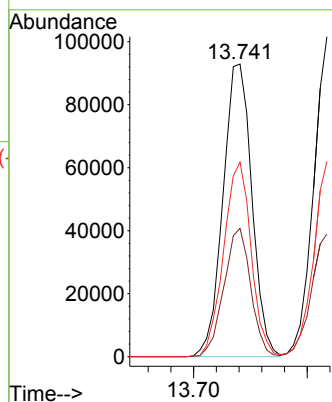
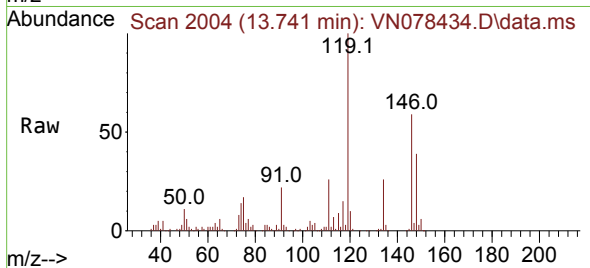
Tgt Ion:146 Resp: 163720

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.3

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.251 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

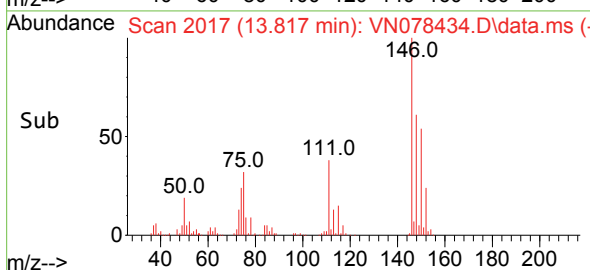
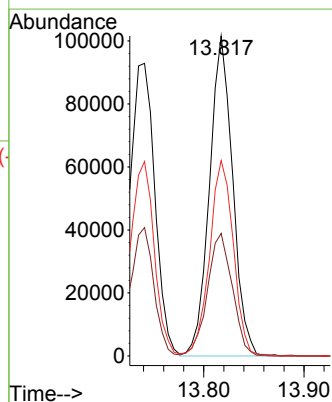
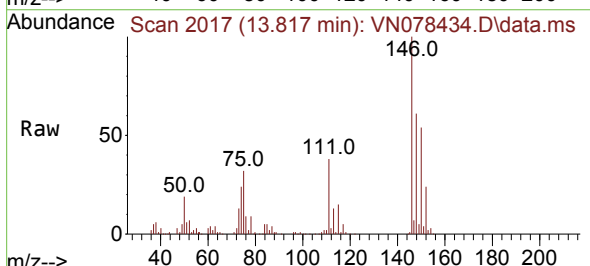
Tgt Ion:146 Resp: 163456

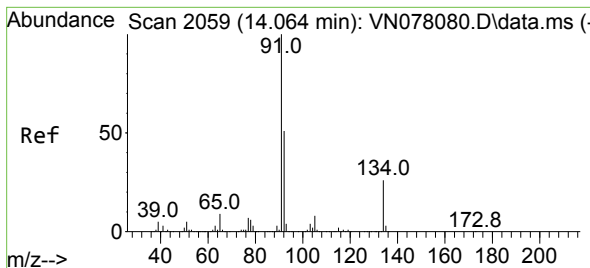
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 62.5 31.6 94.8





#89

n-Butylbenzene

Concen: 15.937 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

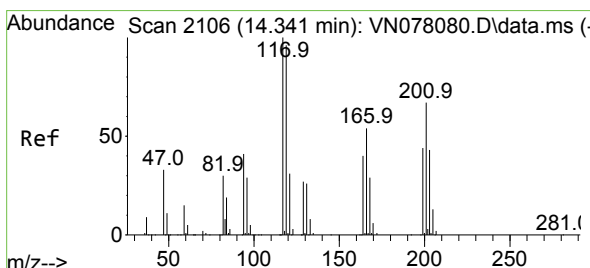
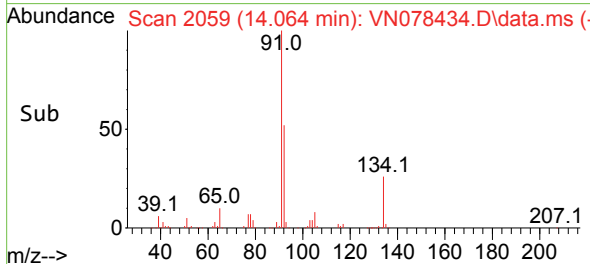
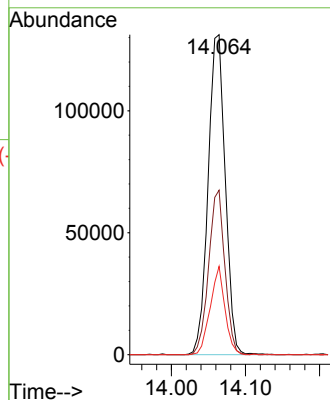
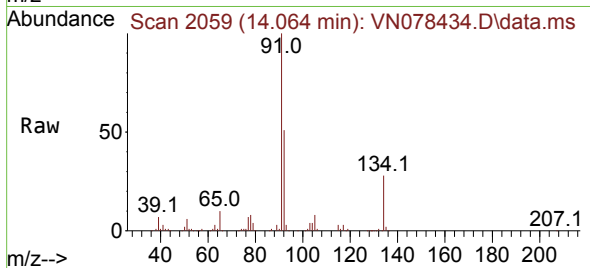
Tgt Ion: 91 Resp: 210562

Ion Ratio Lower Upper

91 100

92 48.7 26.4 79.0

134 23.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.477 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078434.D

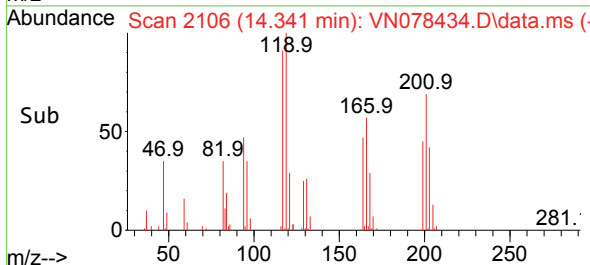
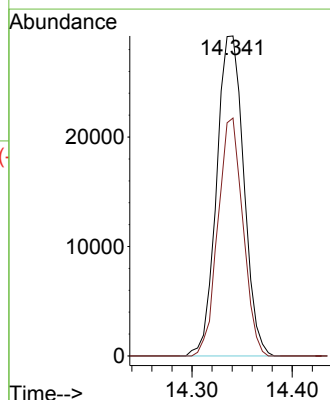
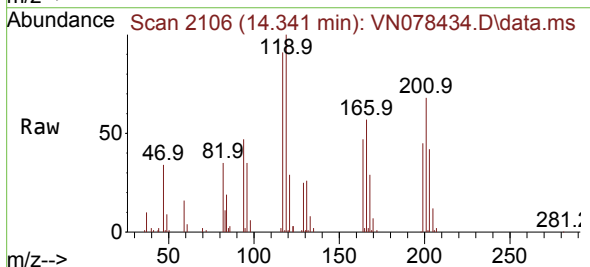
Acq: 28 Jun 2023 12:03

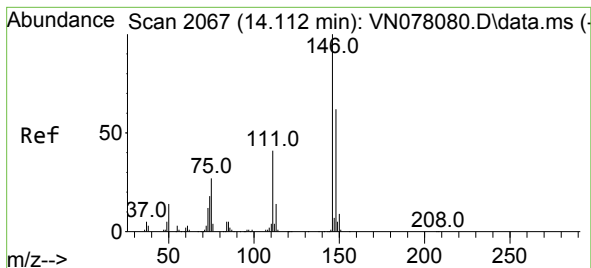
Tgt Ion: 117 Resp: 54925

Ion Ratio Lower Upper

117 100

201 68.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.895 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

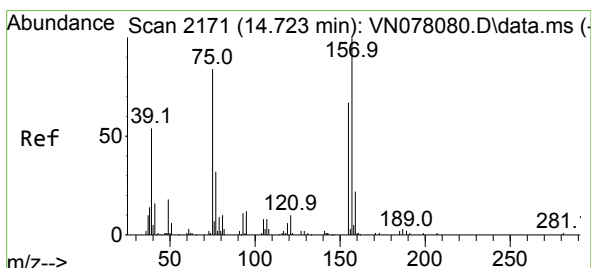
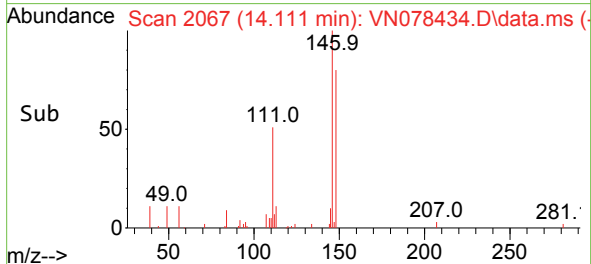
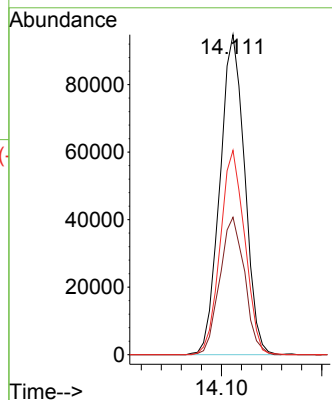
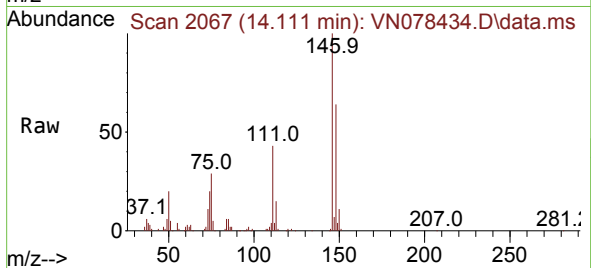
Tgt Ion:146 Resp: 162487

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 63.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.170 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

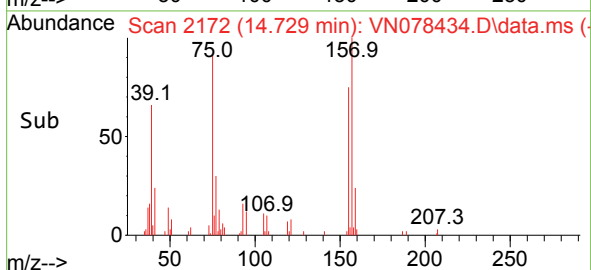
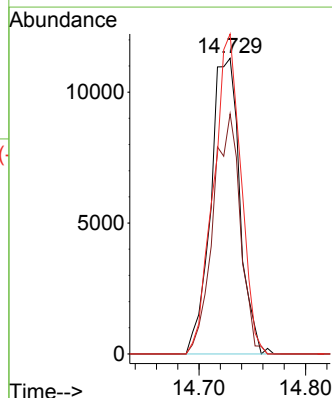
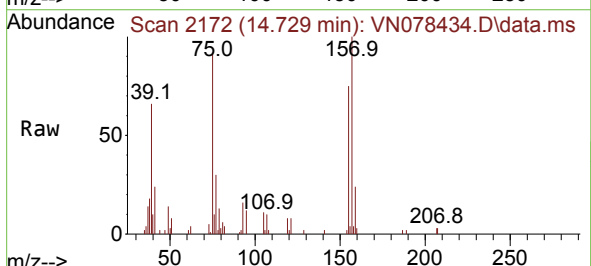
Tgt Ion: 75 Resp: 21278

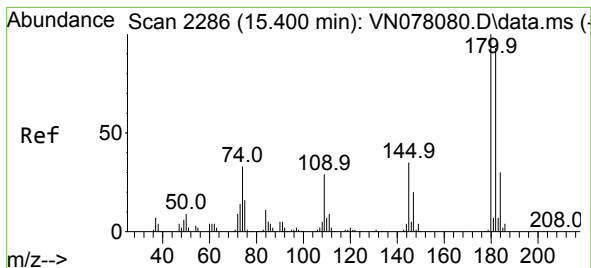
Ion Ratio Lower Upper

75 100

155 76.5 39.1 117.2

157 102.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.443 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

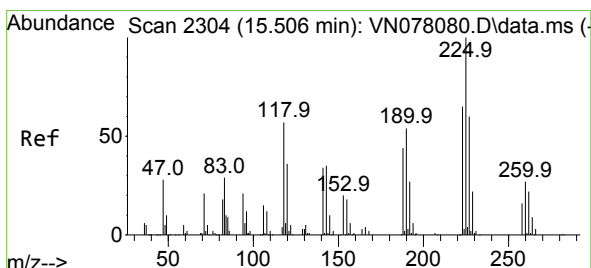
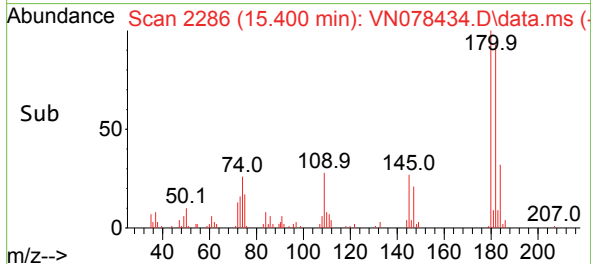
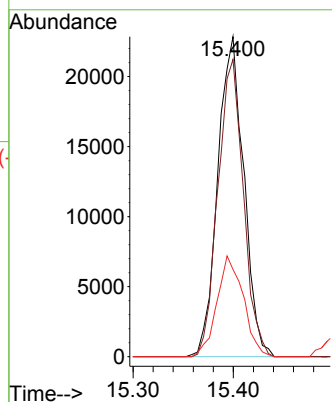
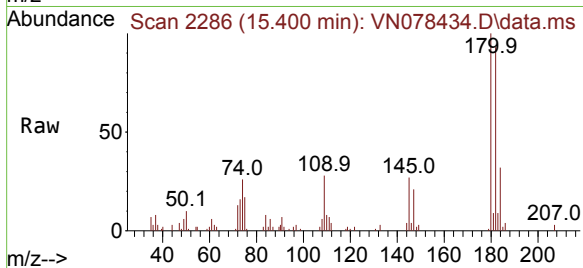
Tgt Ion:180 Resp: 41190

Ion Ratio Lower Upper

180 100

182 91.0 46.1 138.2

145 31.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.198 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

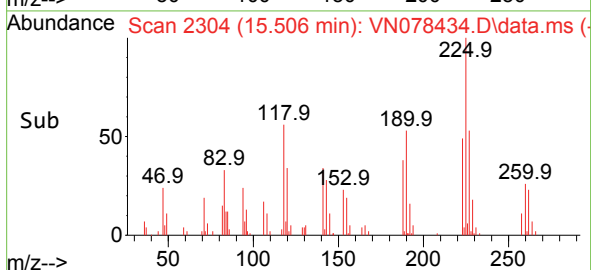
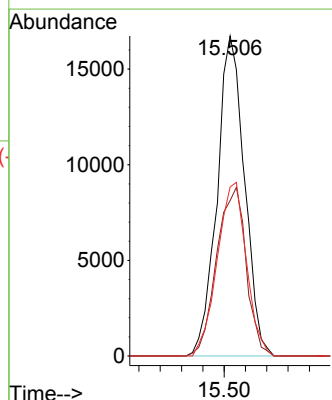
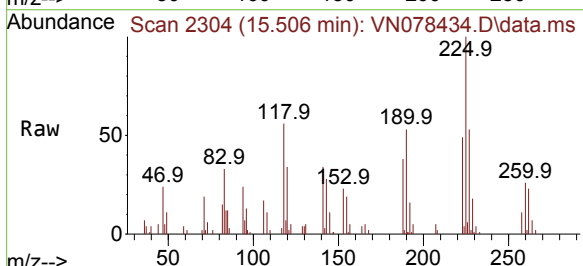
Tgt Ion:225 Resp: 29890

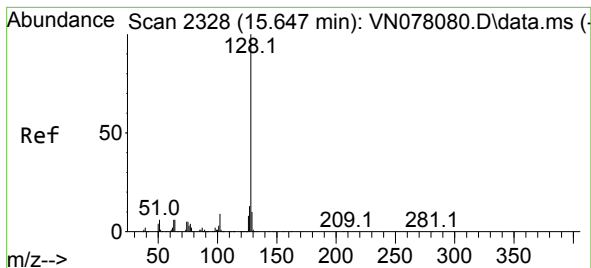
Ion Ratio Lower Upper

225 100

223 56.5 31.3 93.8

227 57.6 31.9 95.9





#95

Naphthalene

Concen: 12.023 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

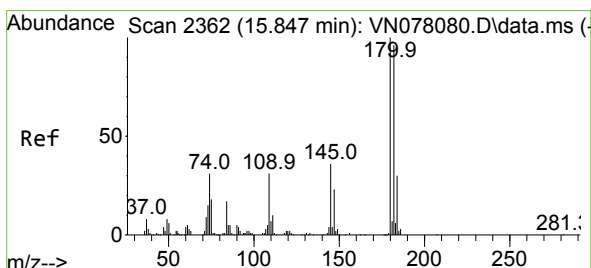
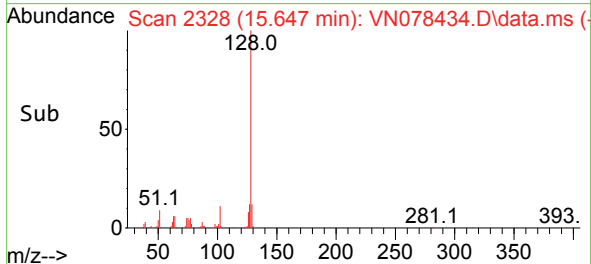
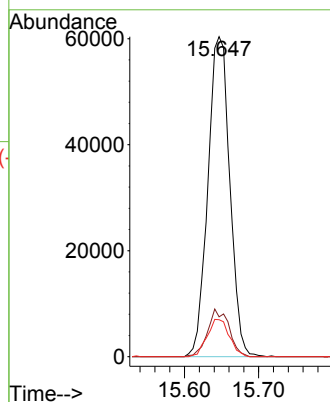
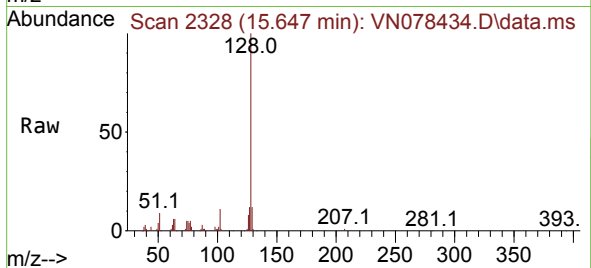
Tgt Ion:128 Resp: 123916

Ion Ratio Lower Upper

128 100

127 14.6 10.0 15.0

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.616 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078434.D

Acq: 28 Jun 2023 12:03

Tgt Ion:180 Resp: 46661

Ion Ratio Lower Upper

180 100

182 101.5 46.2 138.6

145 37.9 17.5 52.6

