

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078435.D
 Acq On : 28 Jun 2023 12:38
 Operator : JC\MD
 Sample : VN0628WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Quant Time: Jun 29 05:18:28 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	8.230	168	394844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	697632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	601912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276757	52.571	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.140%	
35) Dibromofluoromethane	8.177	113	238858	54.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.300%	
50) Toluene-d8	10.571	98	845079	49.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.853	95	265842	50.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68168	15.273	ug/l	95
3) Chloromethane	2.371	50	84374	18.962	ug/l	99
4) Vinyl Chloride	2.524	62	113963	19.499	ug/l	98
5) Bromomethane	2.965	94	88653	20.071	ug/l	94
6) Chloroethane	3.124	64	77938	19.562	ug/l	89
7) Trichlorofluoromethane	3.500	101	149188	18.824	ug/l	98
8) Diethyl Ether	3.971	74	54685	19.637	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	87095	20.823	ug/l	96
10) Methyl Iodide	4.600	142	112930	19.091	ug/l	97
11) Tert butyl alcohol	5.536	59	76981	105.901	ug/l	96
12) 1,1-Dichloroethene	4.353	96	78350	18.171	ug/l	94
13) Acrolein	4.195	56	62597	78.133	ug/l	90
14) Allyl chloride	5.030	41	117639	22.351	ug/l	93
15) Acrylonitrile	5.730	53	212741	113.516	ug/l	99
16) Acetone	4.442	43	161449	106.545	ug/l	94
17) Carbon Disulfide	4.724	76	197239	17.772	ug/l	97
18) Methyl Acetate	5.036	43	146628	21.018	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	280138	20.364	ug/l	100
20) Methylene Chloride	5.283	84	103618	20.693	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	89706	19.290	ug/l	92
22) Diisopropyl ether	6.683	45	267257	21.587	ug/l #	93
23) Vinyl Acetate	6.618	43	779704	105.945	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	171194	20.961	ug/l	98
25) 2-Butanone	7.488	43	260573	111.823	ug/l #	84
26) 2,2-Dichloropropane	7.500	77	137905	22.868	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	109067	19.662	ug/l	95
28) Bromochloromethane	7.818	49	81672	21.780	ug/l	90
29) Tetrahydrofuran	7.847	42	172897	110.990	ug/l #	83
30) Chloroform	7.971	83	188413	21.424	ug/l	96
31) Cyclohexane	8.265	56	124201	18.392	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	160572	20.797	ug/l	94
36) 1,1-Dichloropropene	8.377	75	126464	19.988	ug/l	99
37) Ethyl Acetate	7.565	43	116060	23.481	ug/l #	93
38) Carbon Tetrachloride	8.371	117	136433	20.422	ug/l	93
39) Methylcyclohexane	9.606	83	111865	17.060	ug/l	87
40) Benzene	8.612	78	407342	21.565	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	57688	21.532	ug/l	94
42) 1,2-Dichloroethane	8.677	62	140925	21.759	ug/l	100
43) Isopropyl Acetate	8.694	43	188358	19.926	ug/l	95
44) Trichloroethene	9.359	130	104248	20.898	ug/l	95
45) 1,2-Dichloropropane	9.629	63	101709	21.642	ug/l	94
46) Dibromomethane	9.712	93	75275	21.746	ug/l	97
47) Bromodichloromethane	9.894	83	146675	22.811	ug/l	93
48) Methyl methacrylate	9.688	41	87076	21.951	ug/l	87
49) 1,4-Dioxane	9.700	88	36266	434.971	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	564118	113.329	ug/l	91
52) Toluene	10.635	92	247002	20.711	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	149920	22.388	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	162454	21.946	ug/l	91
55) 1,1,2-Trichloroethane	11.024	97	103074	22.847	ug/l	92
56) Ethyl methacrylate	10.882	69	140958	21.458	ug/l	91
57) 1,3-Dichloropropane	11.171	76	172016	22.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	273907	103.216	ug/l	93
59) 2-Hexanone	11.200	43	388191	112.002	ug/l	90
60) Dibromochloromethane	11.365	129	111639	22.614	ug/l	99
61) 1,2-Dibromoethane	11.476	107	103092	21.775	ug/l	96
64) Tetrachloroethene	11.112	164	85974	21.410	ug/l	99
65) Chlorobenzene	11.894	112	263806	20.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	103239	21.776	ug/l	98
67) Ethyl Benzene	11.971	91	456068	20.505	ug/l	99
68) m/p-Xylenes	12.076	106	342700	40.430	ug/l	98
69) o-Xylene	12.406	106	169678	20.384	ug/l	97
70) Styrene	12.418	104	265665	20.273	ug/l	98
71) Bromoform	12.582	173	69107	22.587	ug/l #	100
73) Isopropylbenzene	12.700	105	415473	19.723	ug/l	98
74) N-amyl acetate	12.500	43	138100	19.908	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	139235	22.695	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	159186	30.227	ug/l	73
77) Bromobenzene	12.988	156	97920	20.024	ug/l	98
78) n-propylbenzene	13.041	91	442829	19.348	ug/l	99
79) 2-Chlorotoluene	13.129	91	293279	19.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	331395	19.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41322	24.107	ug/l	93
82) 4-Chlorotoluene	13.229	91	275062	19.949	ug/l	99
83) tert-Butylbenzene	13.441	119	272107	18.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	319391	19.316	ug/l	95
85) sec-Butylbenzene	13.623	105	345530	17.807	ug/l	100
86) p-Isopropyltoluene	13.735	119	276821	17.580	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	156181	18.881	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	152126	19.059	ug/l	97
89) n-Butylbenzene	14.065	91	202104	16.272	ug/l	96
90) Hexachloroethane	14.341	117	54813	19.615	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	160540	19.859	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21531	20.635	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	38901	13.506	ug/l	96
94) Hexachlorobutadiene	15.506	225	27971	18.102	ug/l	98
95) Naphthalene	15.647	128	127868	13.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	48730	15.127	ug/l	97

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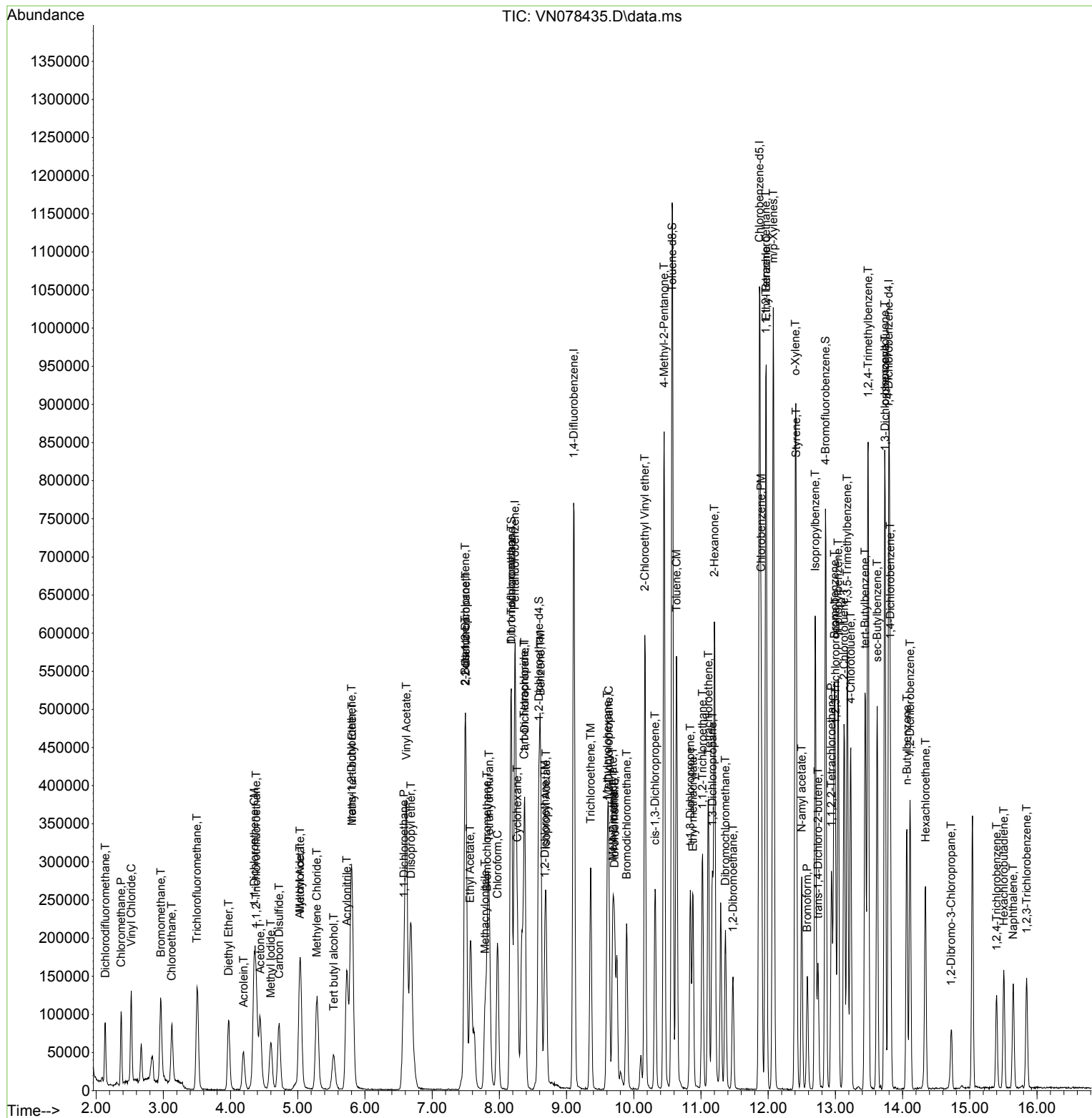
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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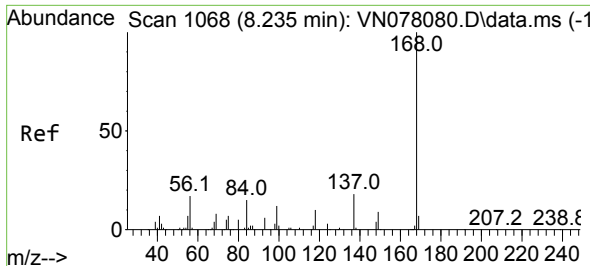
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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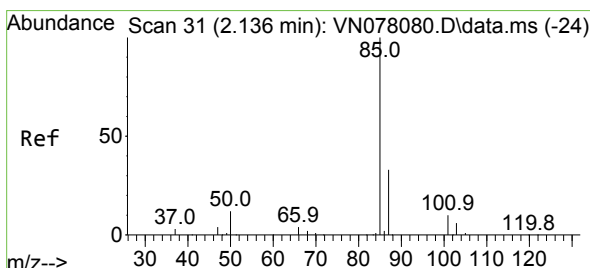
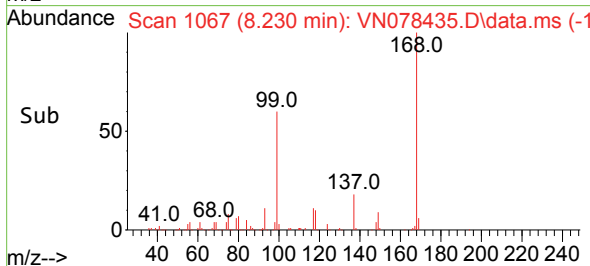
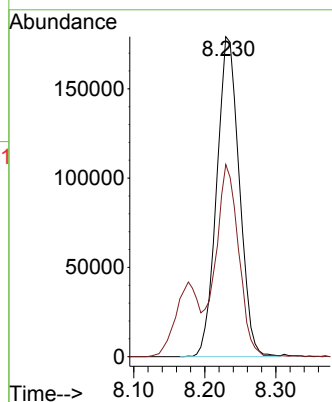
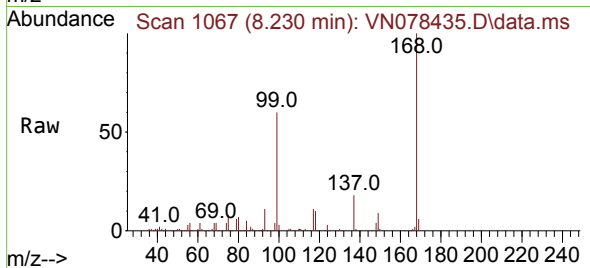




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078435.D
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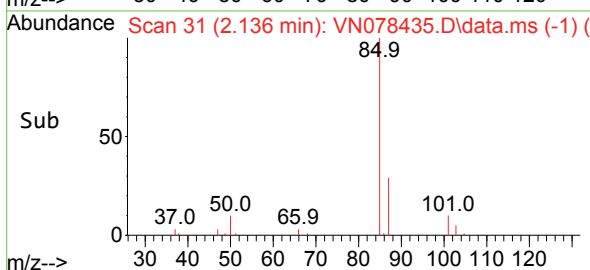
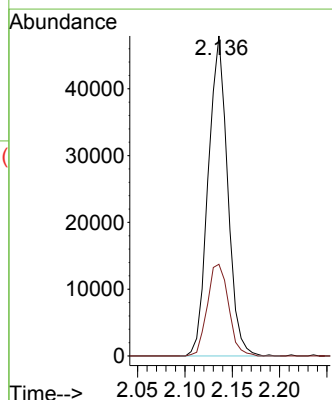
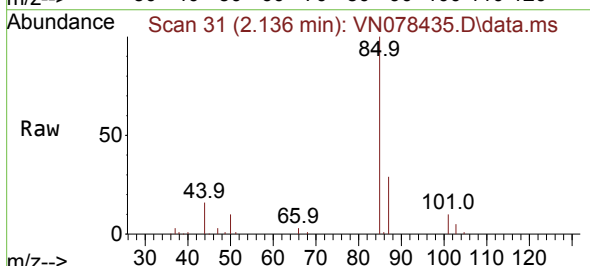
Instrument :
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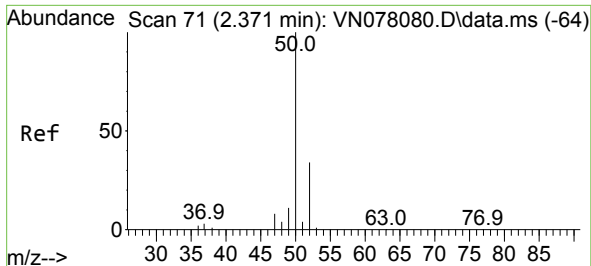
Tgt Ion:168 Resp: 394844
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 15.273 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 85 Resp: 68168
Ion Ratio Lower Upper
85 100
87 28.7 15.8 47.4

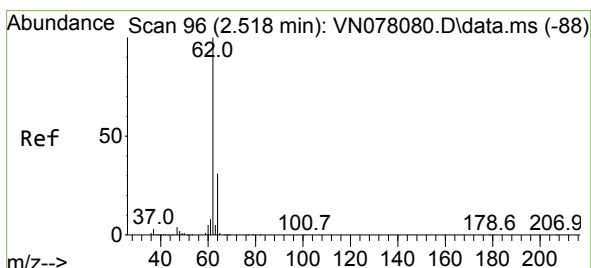
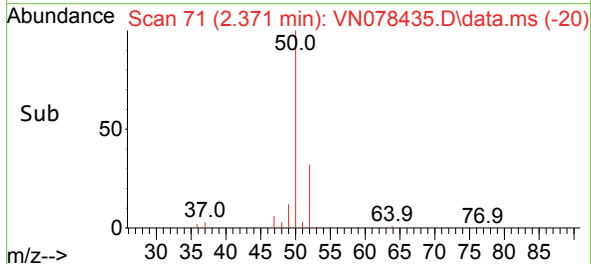
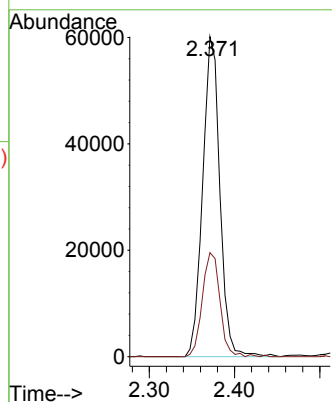
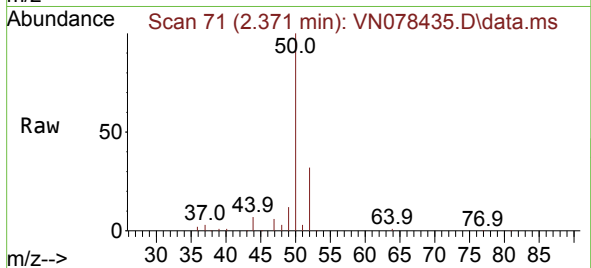




#3
Chloromethane
Concen: 18.962 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

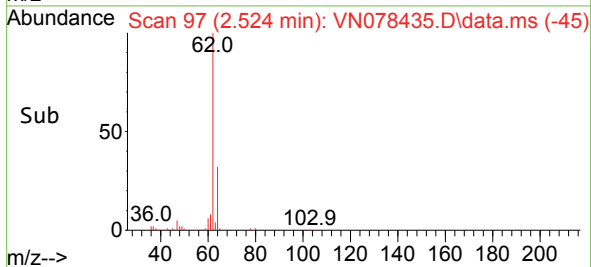
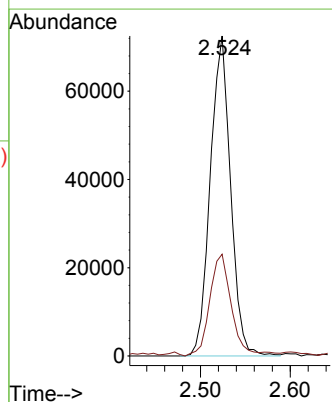
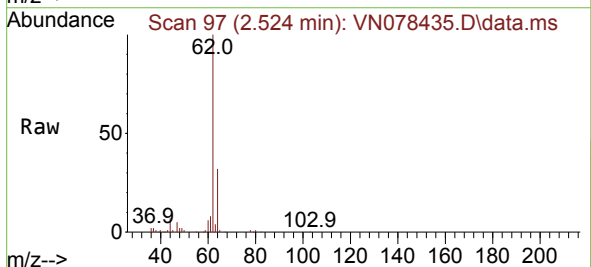
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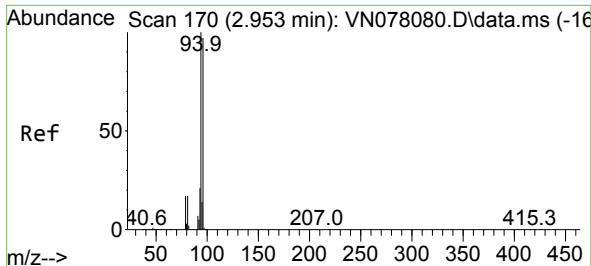
Tgt Ion: 50 Resp: 84374
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 19.499 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 62 Resp: 113963
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

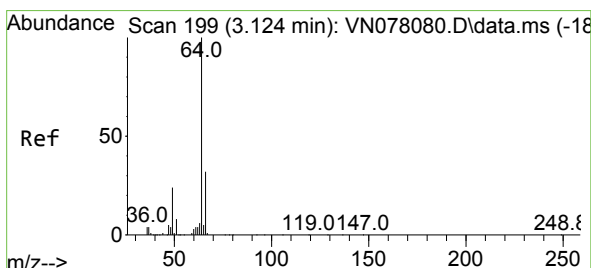
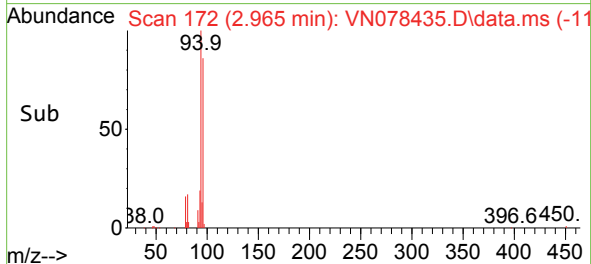
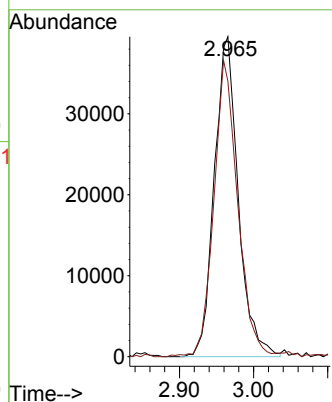
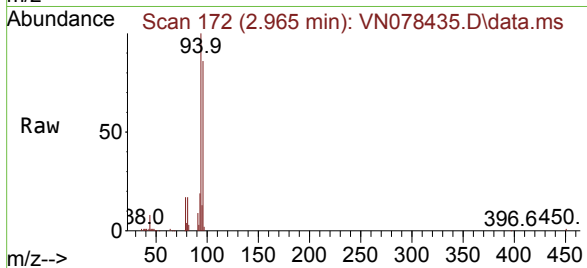




#5
Bromomethane
Concen: 20.071 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078435.D
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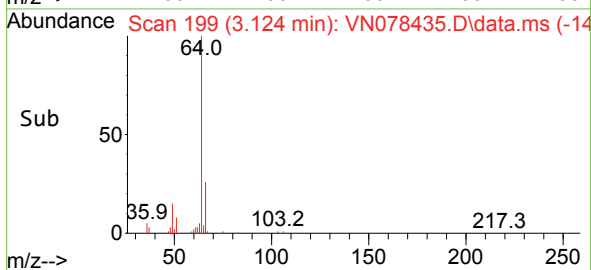
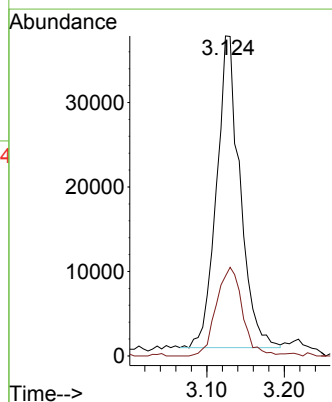
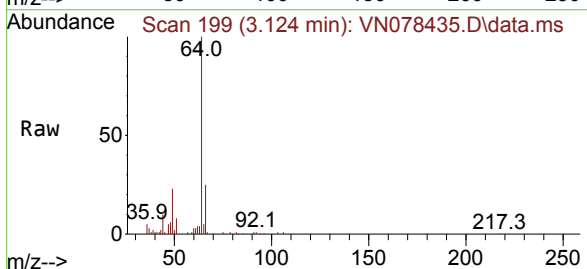
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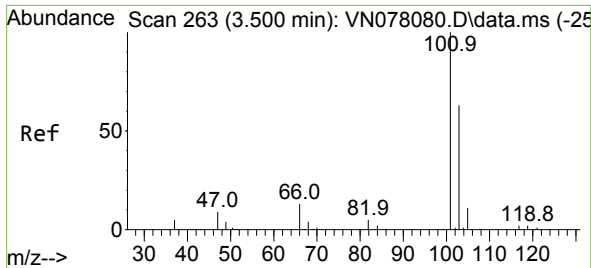
Tgt Ion: 94 Resp: 88653
Ion Ratio Lower Upper
94 100
96 85.5 73.1 109.7



#6
Chloroethane
Concen: 19.562 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078435.D
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Tgt Ion: 64 Resp: 77938
Ion Ratio Lower Upper
64 100
66 25.6 25.4 38.2

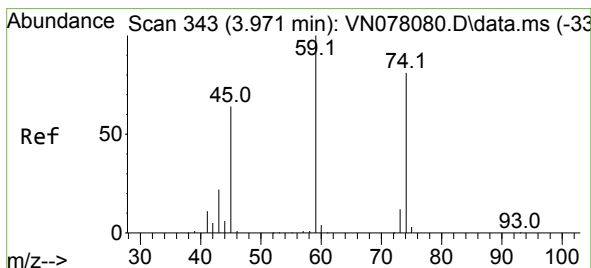
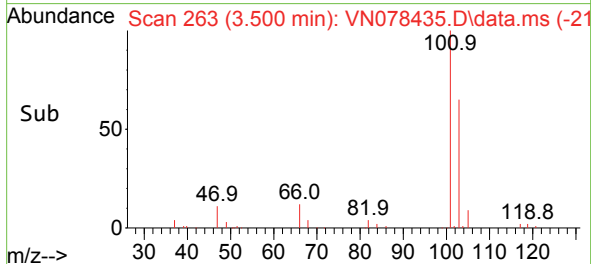
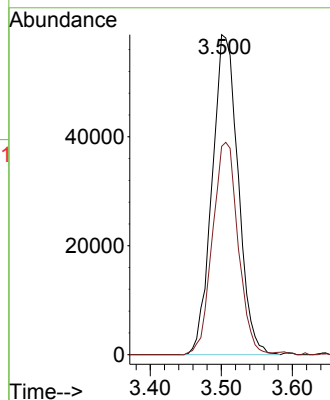
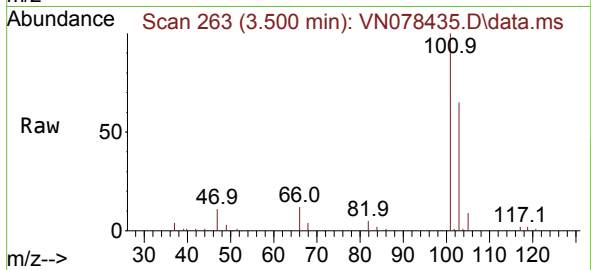




#7
Trichlorofluoromethane
Concen: 18.824 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078435.D
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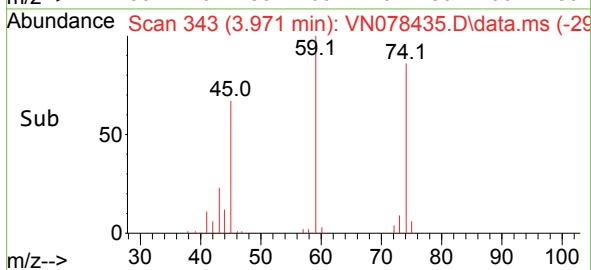
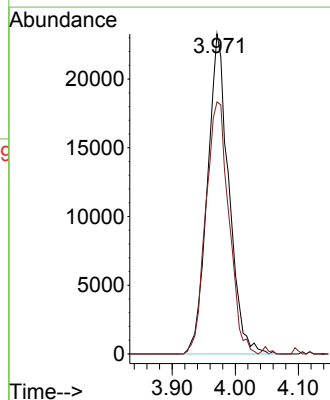
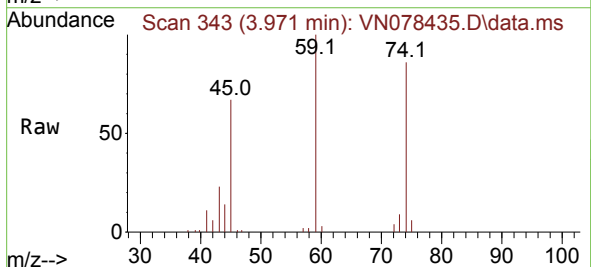
Instrument :
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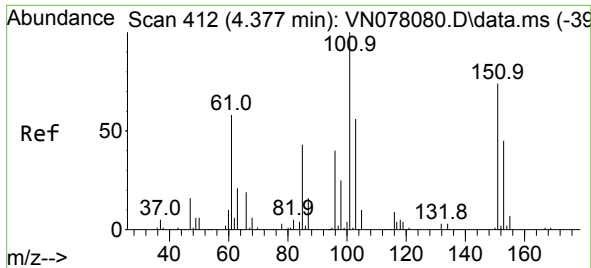
Tgt Ion:101 Resp: 149188
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1



#8
Diethyl Ether
Concen: 19.637 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54685
Ion Ratio Lower Upper
74 100
45 85.2 34.4 103.3

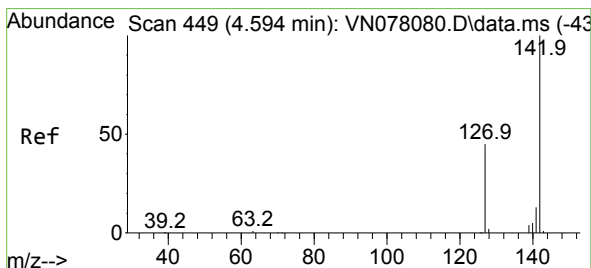
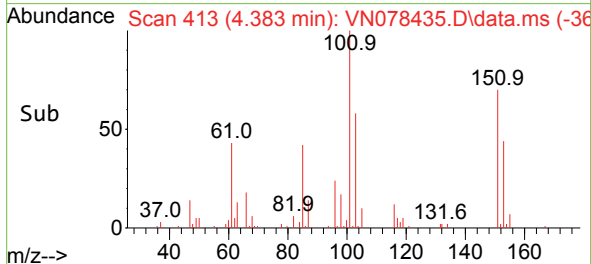
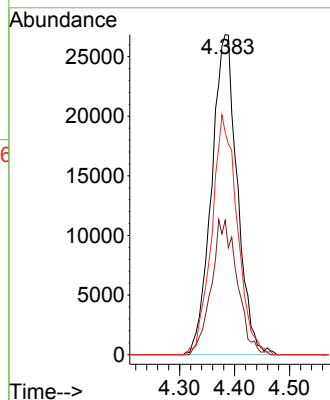
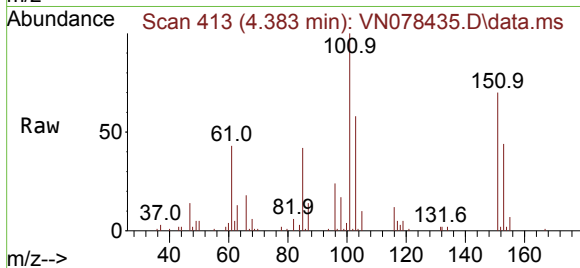




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.823 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

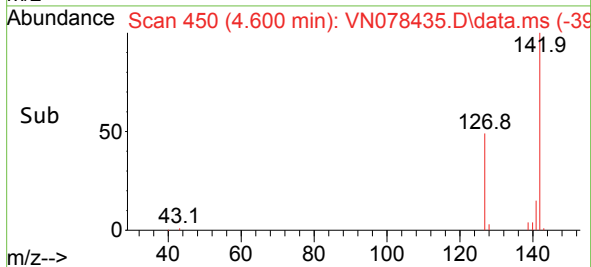
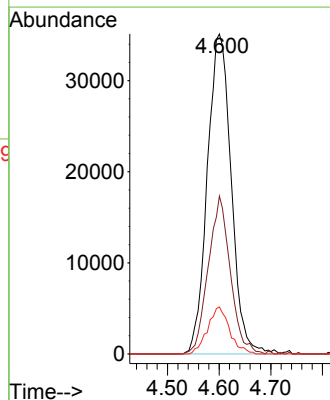
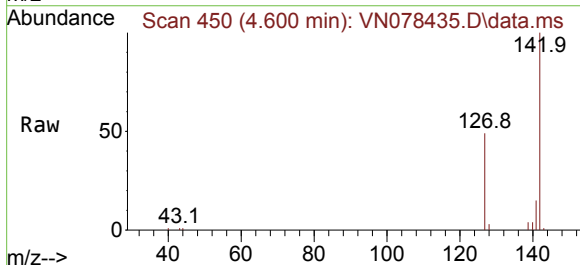
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

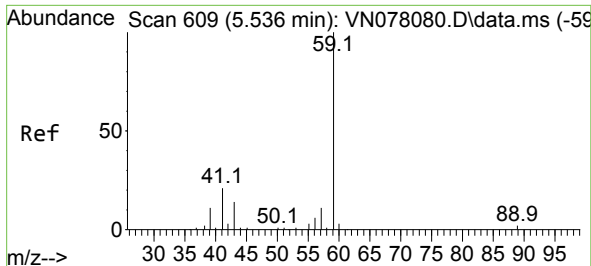
Tgt Ion:101 Resp: 87095
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 19.091 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion:142 Resp: 112930
Ion Ratio Lower Upper
142 100
127 49.3 37.6 56.4
141 14.7 11.4 17.0

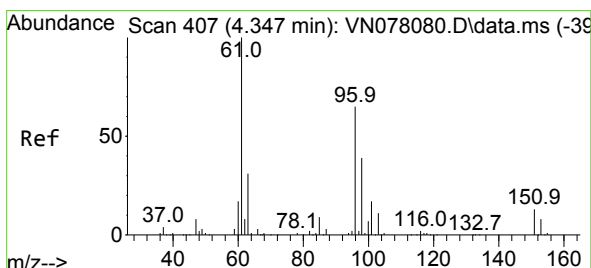
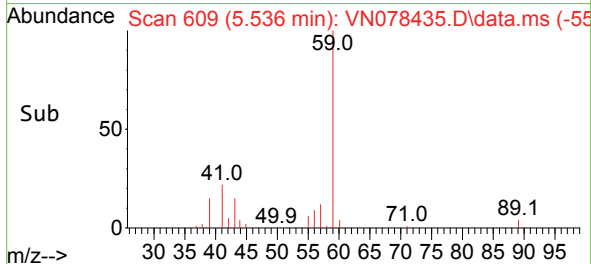
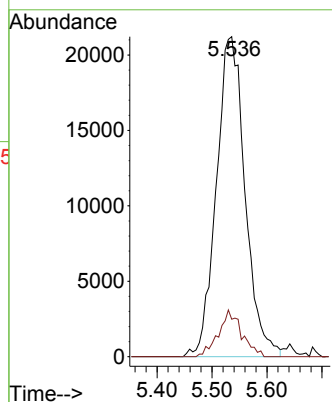
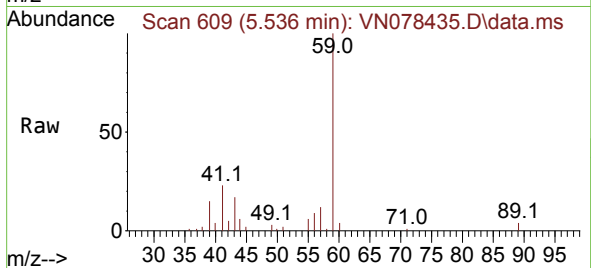




#11
Tert butyl alcohol
Concen: 105.901 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

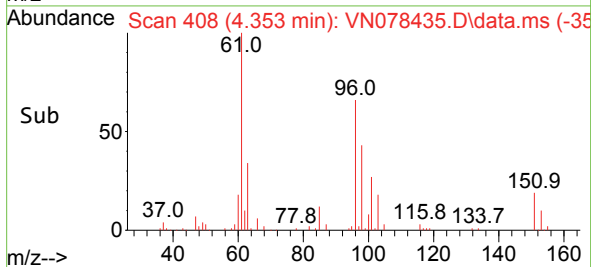
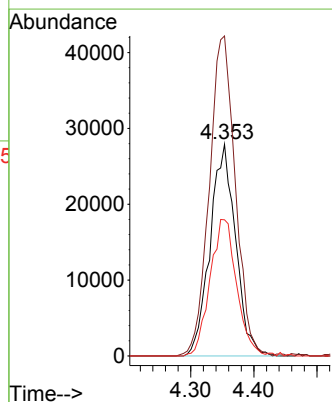
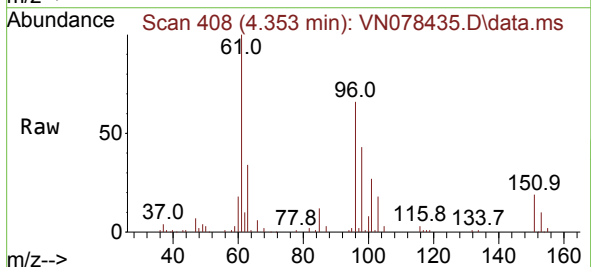
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

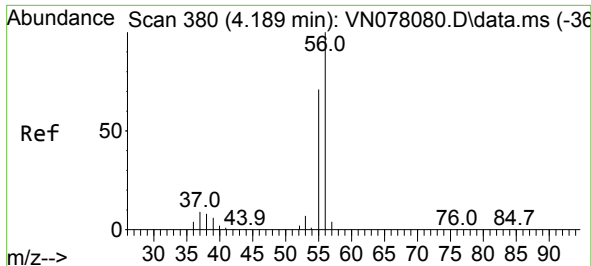
Tgt Ion: 59 Resp: 76981
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.171 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 96 Resp: 78350
Ion Ratio Lower Upper
96 100
61 150.5 112.7 169.1
98 64.3 51.2 76.8





#13

Acrolein

Concen: 78.133 ug/l

RT: 4.195 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

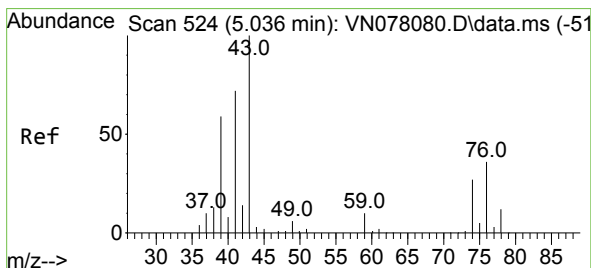
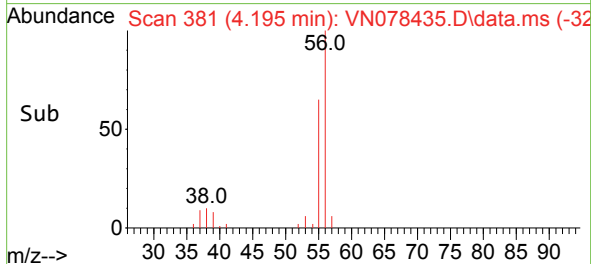
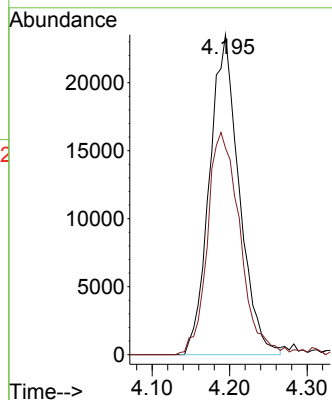
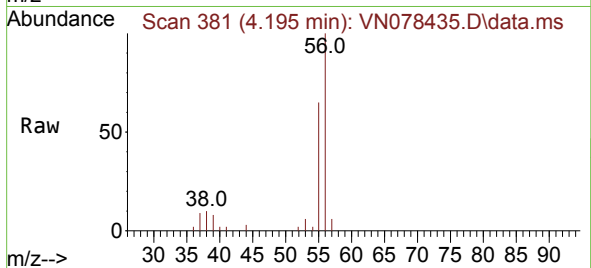
VN0628WBSD01

Tgt Ion: 56 Resp: 62597

Ion Ratio Lower Upper

56 100

55 76.2 54.5 81.7



#14

Allyl chloride

Concen: 22.351 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

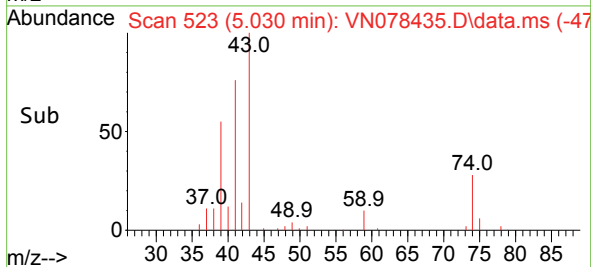
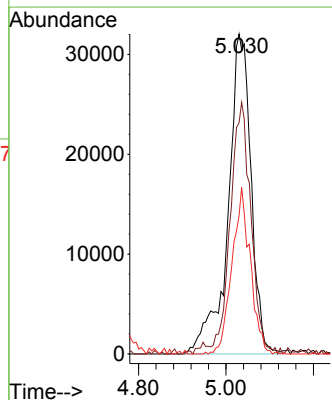
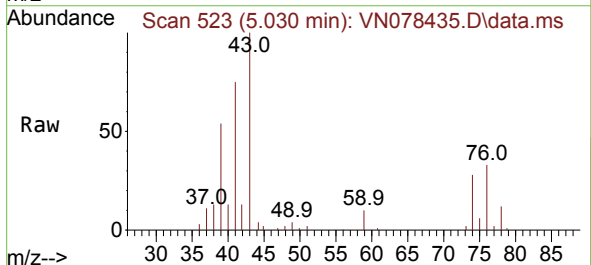
Tgt Ion: 41 Resp: 117639

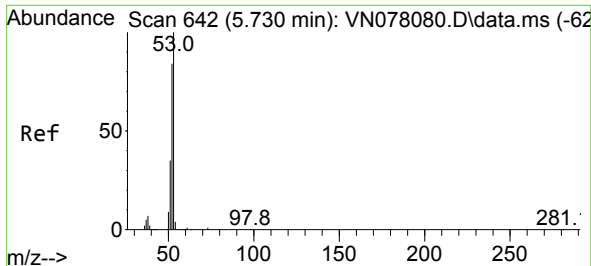
Ion Ratio Lower Upper

41 100

39 70.0 58.8 88.2

76 41.3 39.1 58.7

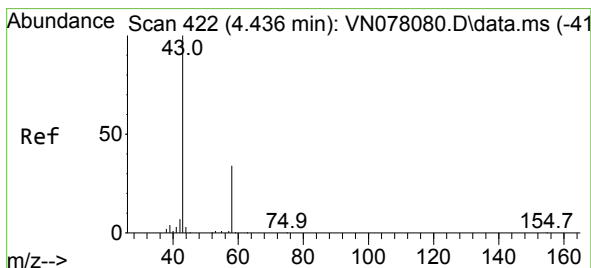
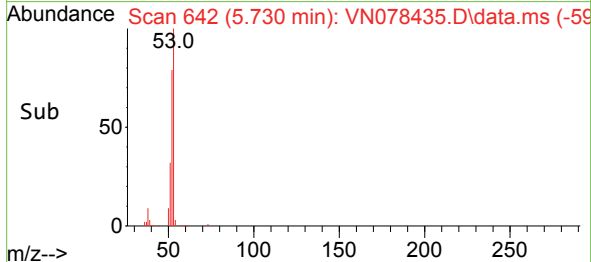
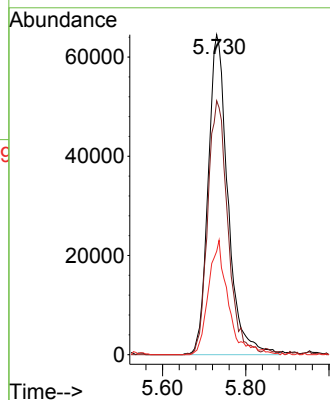
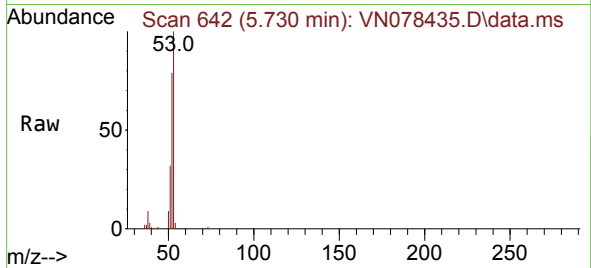




#15
Acrylonitrile
Concen: 113.516 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

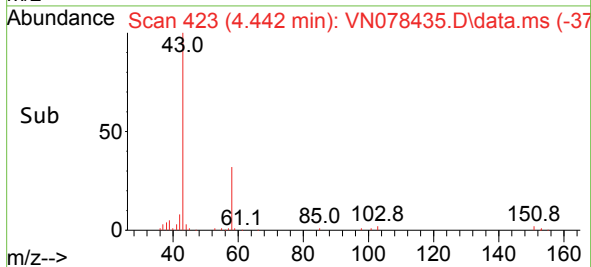
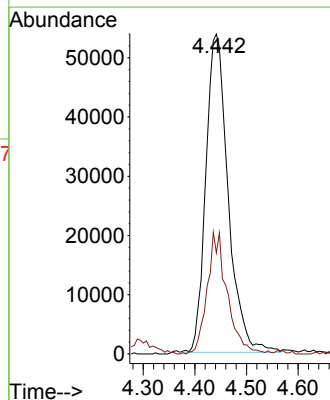
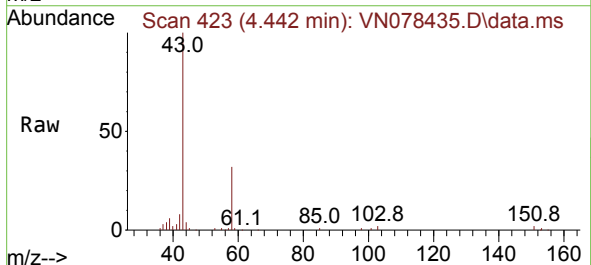
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

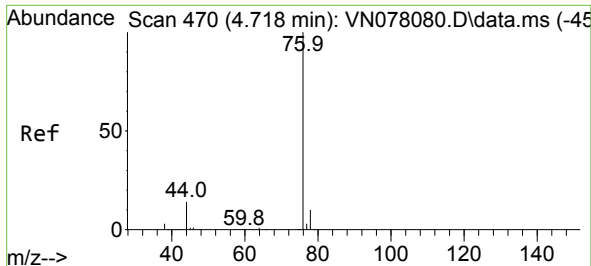
Tgt Ion: 53 Resp: 212741
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.0 28.9 43.3



#16
Acetone
Concen: 106.545 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 43 Resp: 161449
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

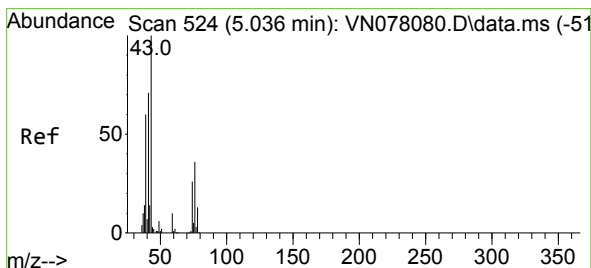
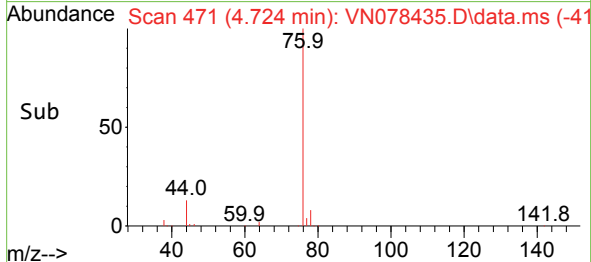
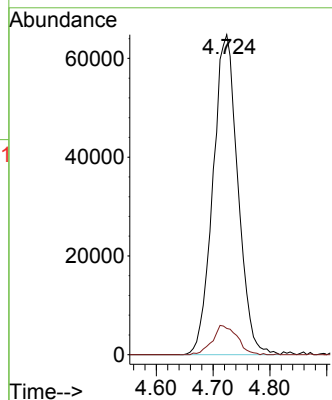
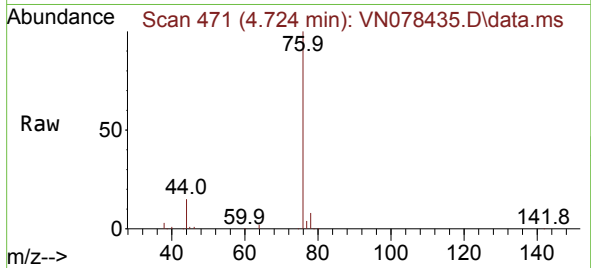




#17
Carbon Disulfide
Concen: 17.772 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

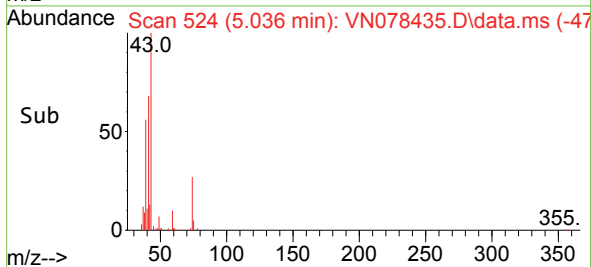
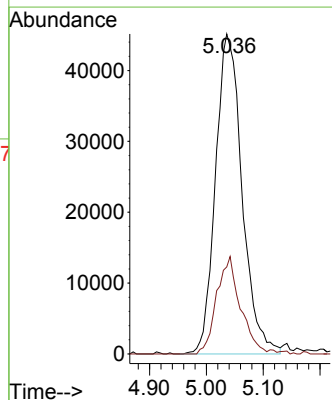
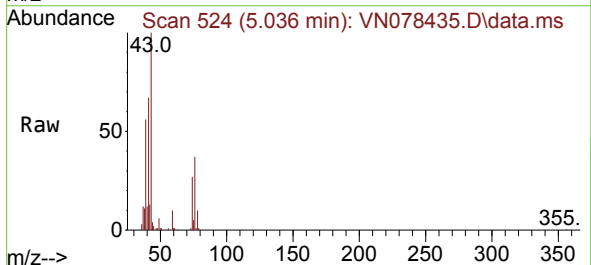
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

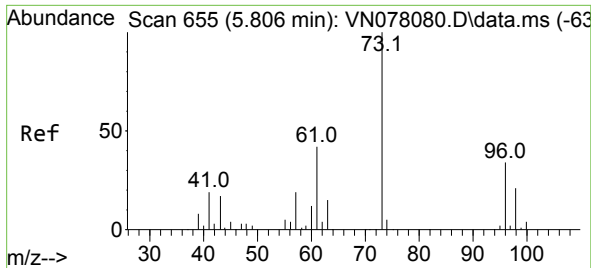
Tgt Ion: 76 Resp: 197239
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 21.018 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 43 Resp: 146628
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4

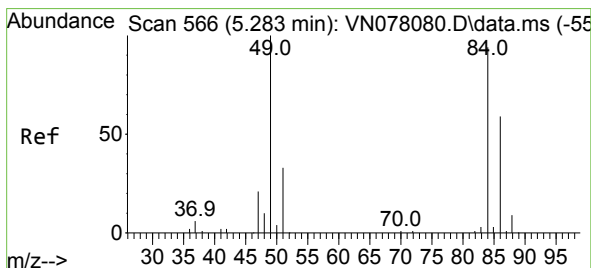
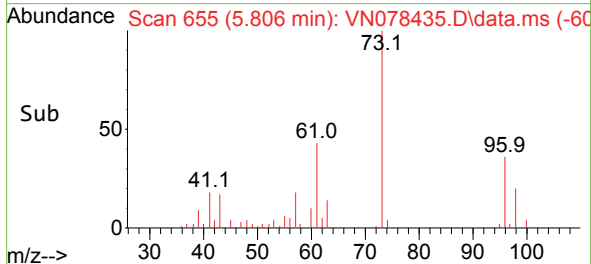
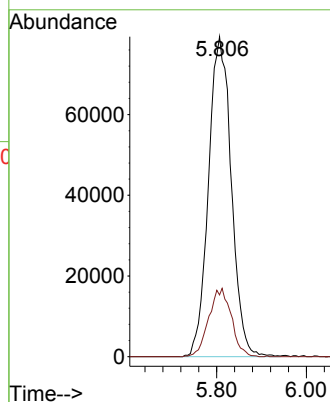
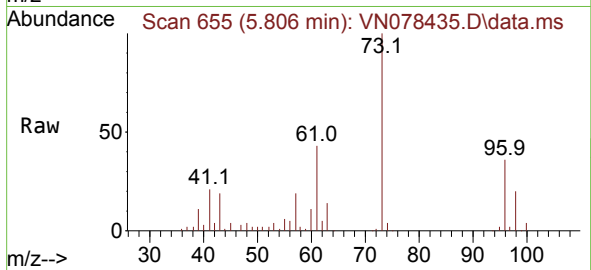




#19
Methyl tert-butyl Ether
Concen: 20.364 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

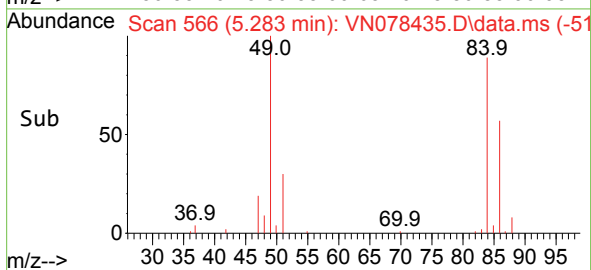
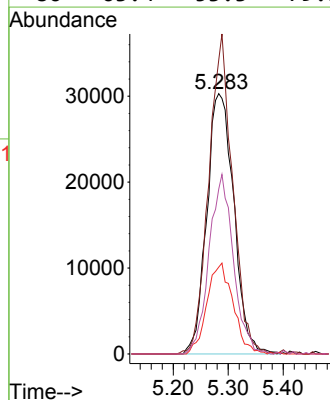
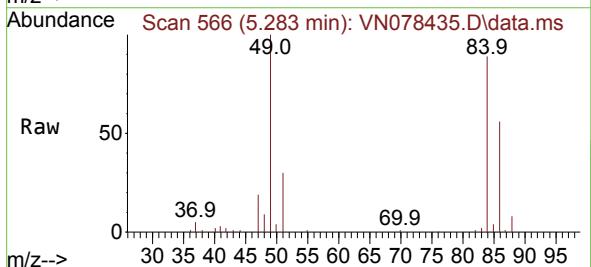
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

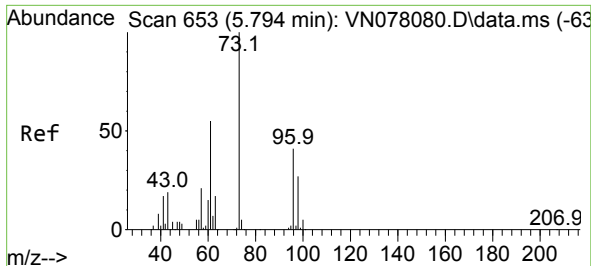
Tgt Ion: 73 Resp: 280138
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4



#20
Methylene Chloride
Concen: 20.693 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 84 Resp: 103618
Ion Ratio Lower Upper
84 100
49 112.5 79.7 119.5
51 33.3 25.2 37.8
86 63.4 53.3 79.9

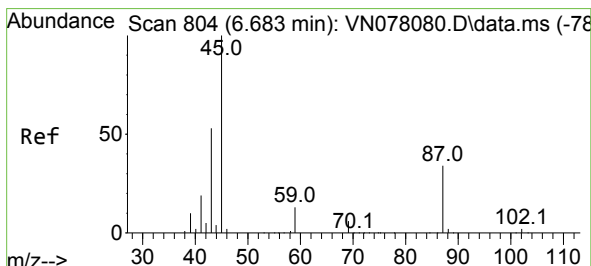
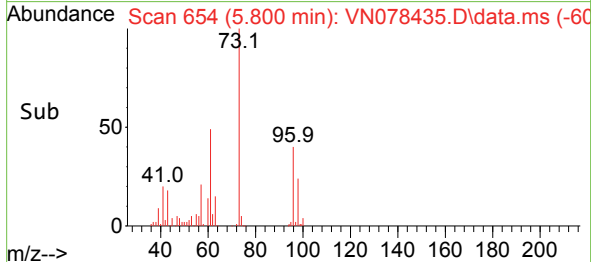
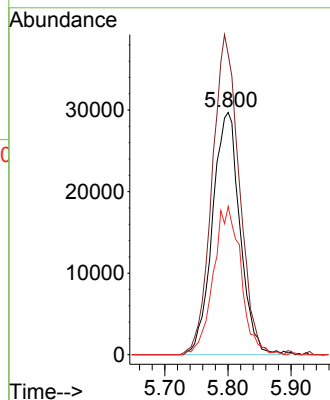
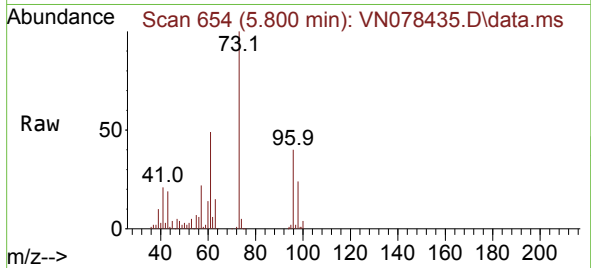




#21
trans-1,2-Dichloroethene
Concen: 19.290 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

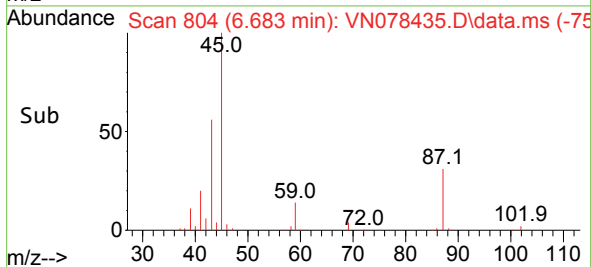
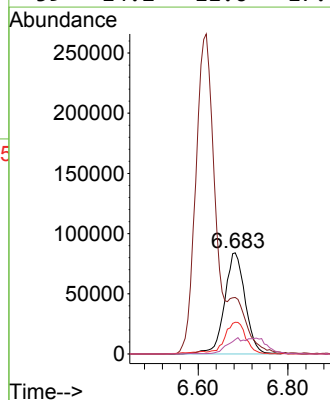
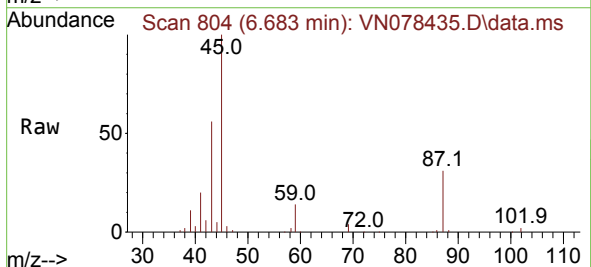
Instrument :
MSVOA_N
ClientSampleId :
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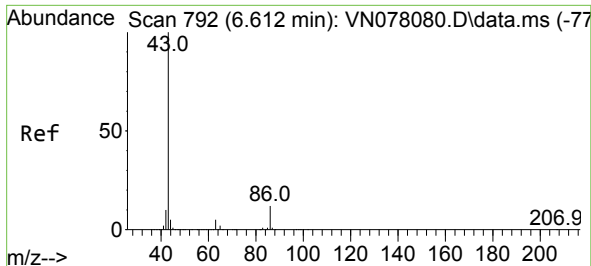
Tgt Ion: 96 Resp: 89706
Ion Ratio Lower Upper
96 100
61 123.9 90.1 135.1
98 61.2 46.4 69.6



#22
Diisopropyl ether
Concen: 21.587 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 45 Resp: 267257
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 31.0 31.8 47.8#
59 14.2 11.6 17.4

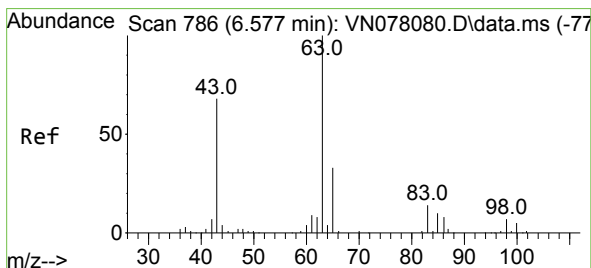
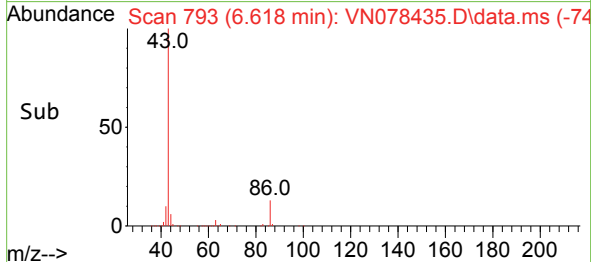
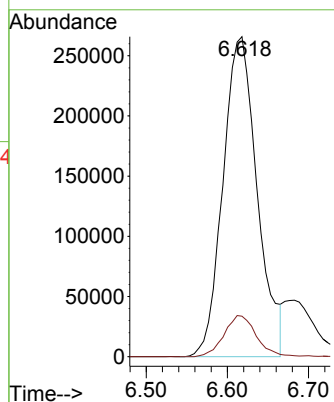
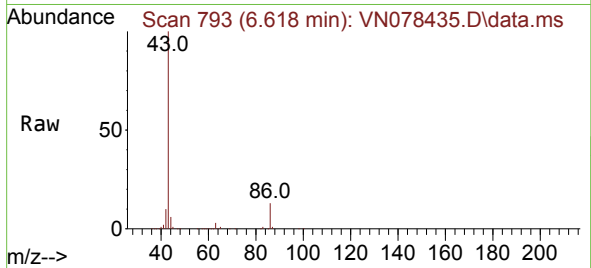




#23
 Vinyl Acetate
 Concen: 105.945 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

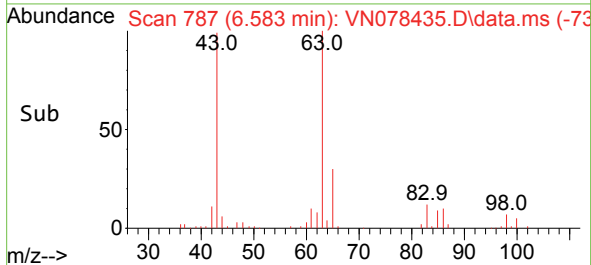
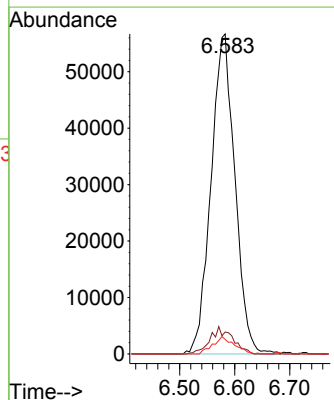
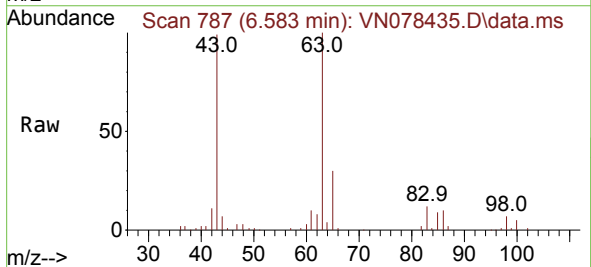
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

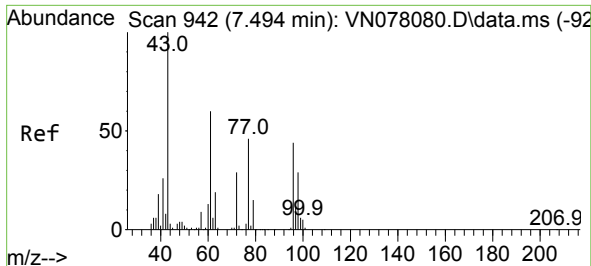
Tgt Ion: 43 Resp: 779704
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.961 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion: 63 Resp: 171194
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.5 2.5 7.4

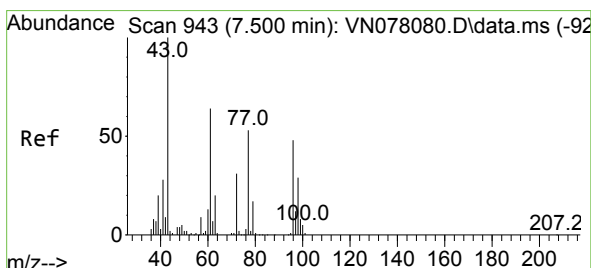
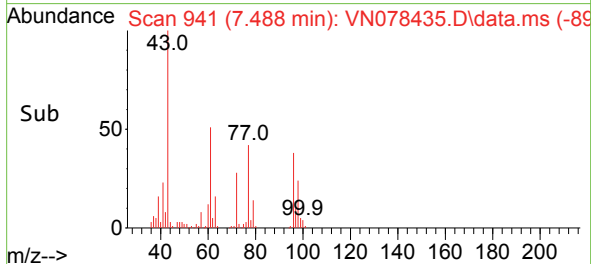
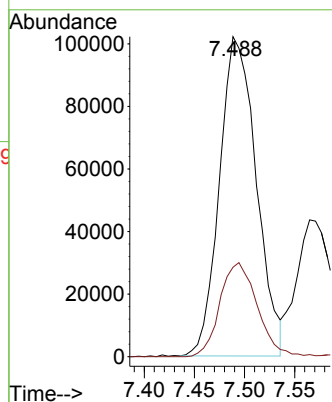
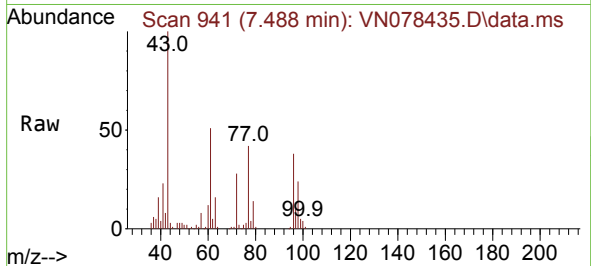




#25
2-Butanone
Concen: 111.823 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

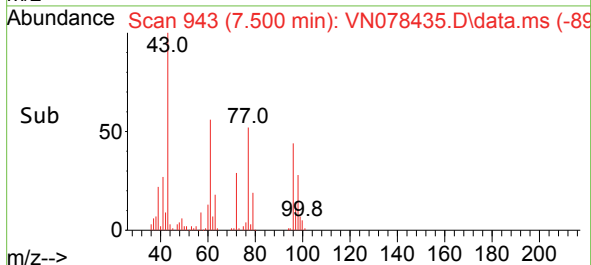
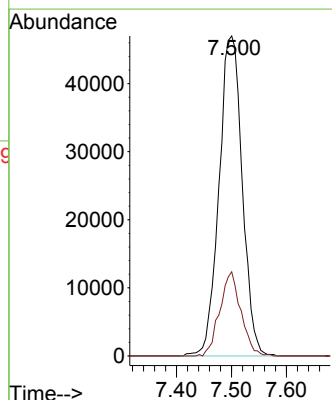
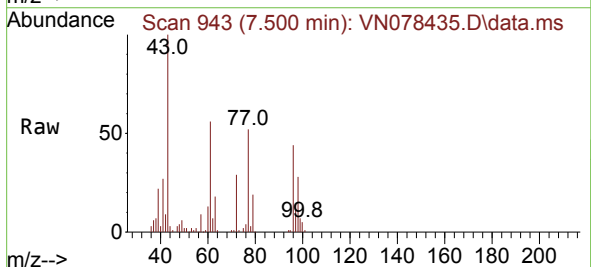
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

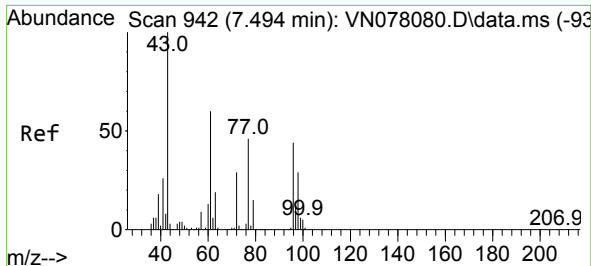
Tgt Ion: 43 Resp: 260573
Ion Ratio Lower Upper
43 100
72 28.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 22.868 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 77 Resp: 137905
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6

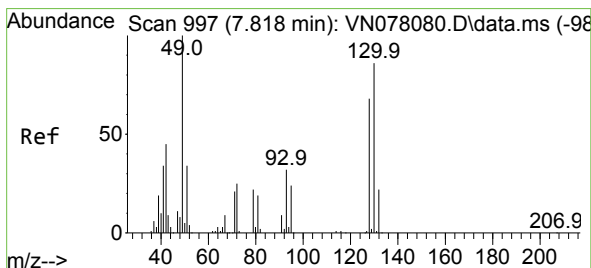
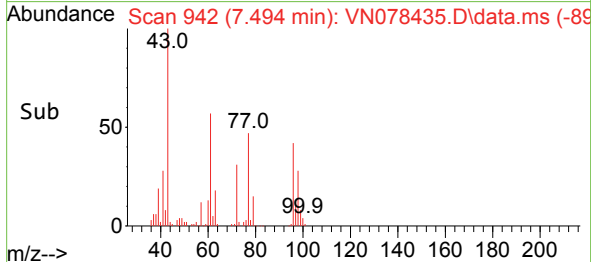
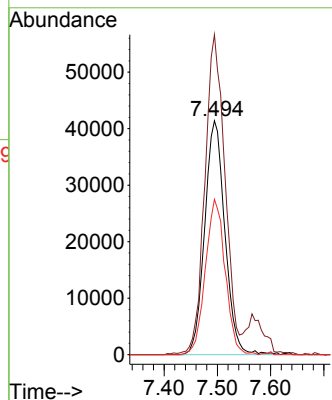
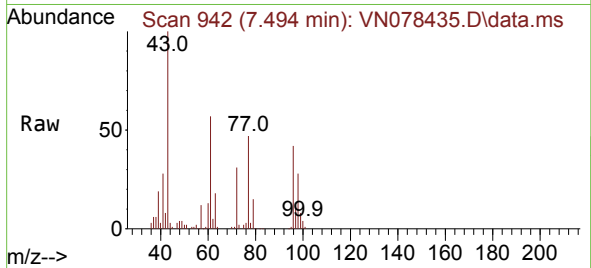




#27
 cis-1,2-Dichloroethene
 Concen: 19.662 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

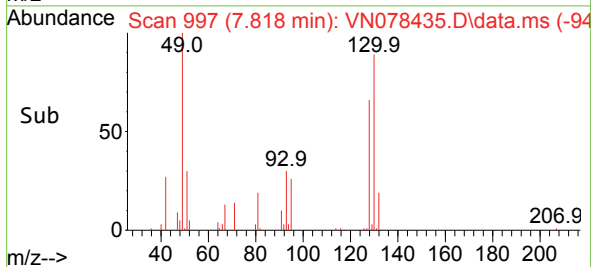
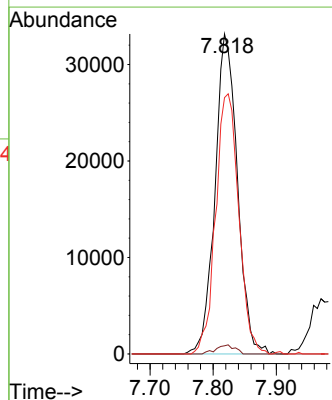
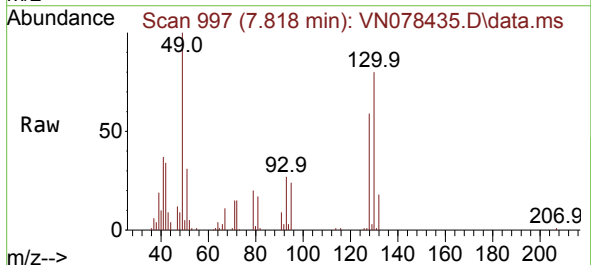
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

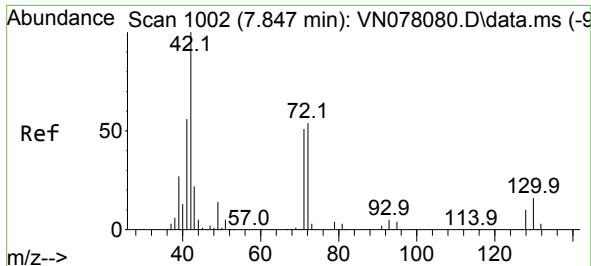
Tgt Ion: 96 Resp: 109067
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.780 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion: 49 Resp: 81672
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 83.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 110.990 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

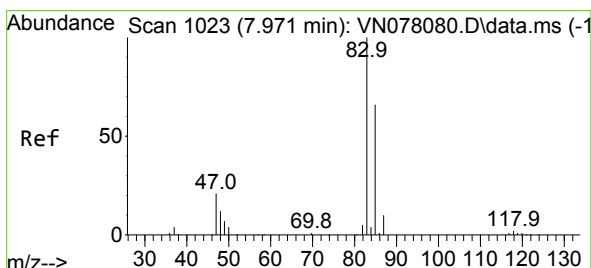
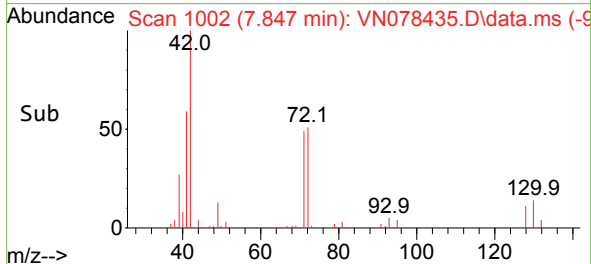
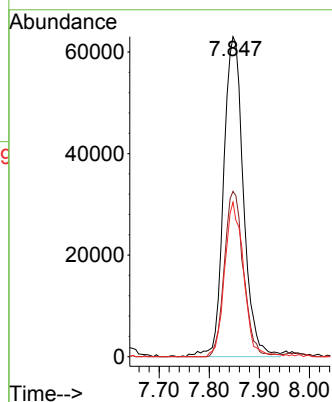
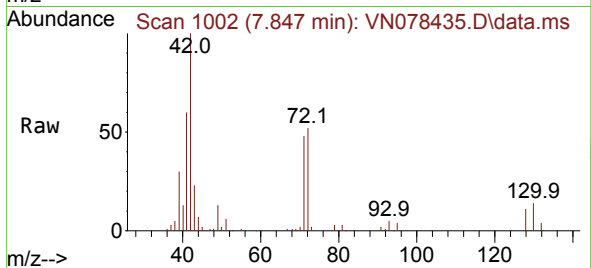
Tgt Ion: 42 Resp: 172897

Ion Ratio Lower Upper

42 100

72 49.7 49.8 74.6#

71 46.2 47.4 71.2#



#30

Chloroform

Concen: 21.424 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078435.D

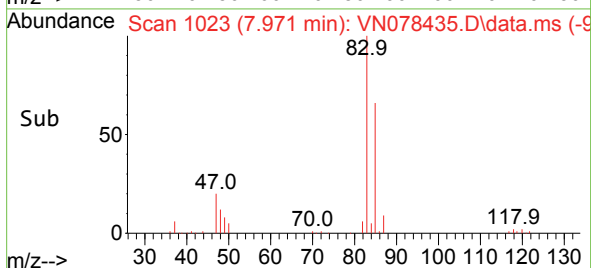
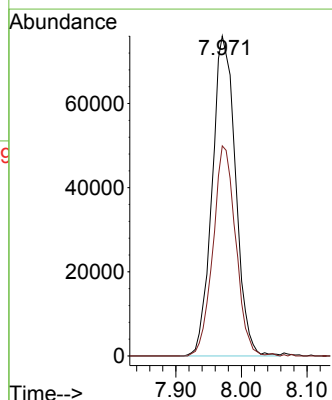
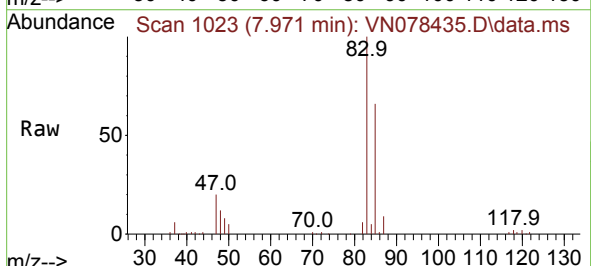
Acq: 28 Jun 2023 12:38

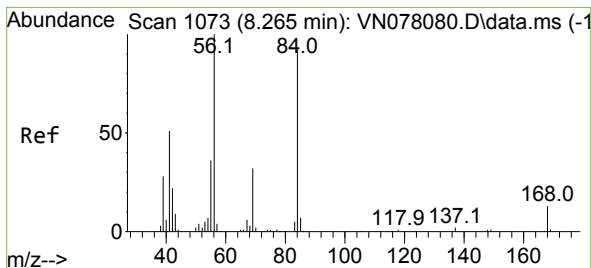
Tgt Ion: 83 Resp: 188413

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0

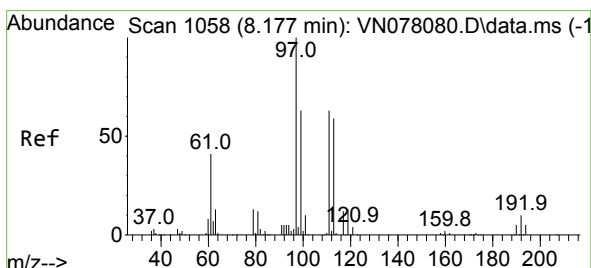
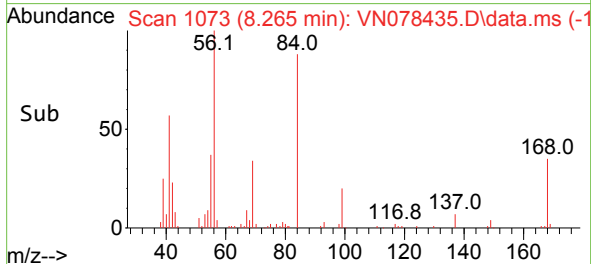
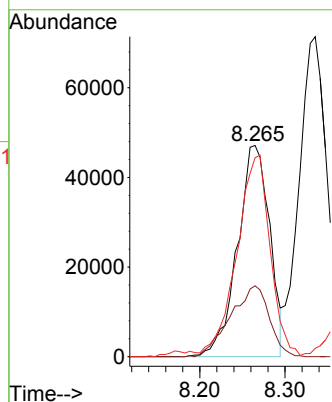
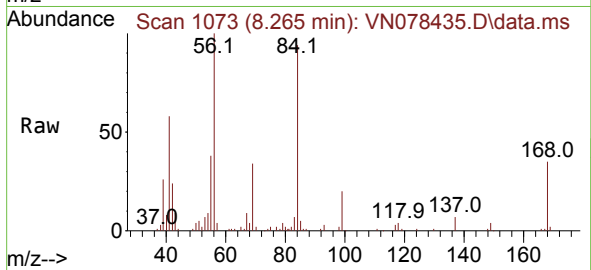




#31
Cyclohexane
Concen: 18.392 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

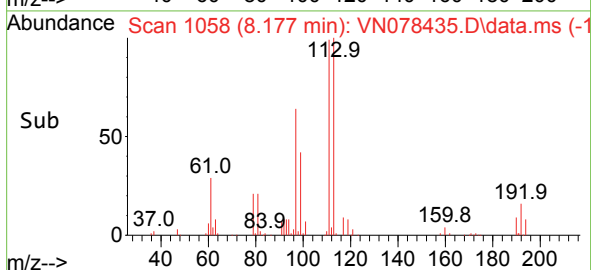
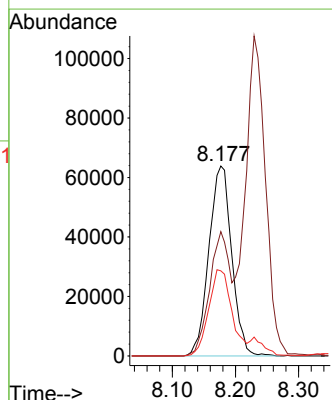
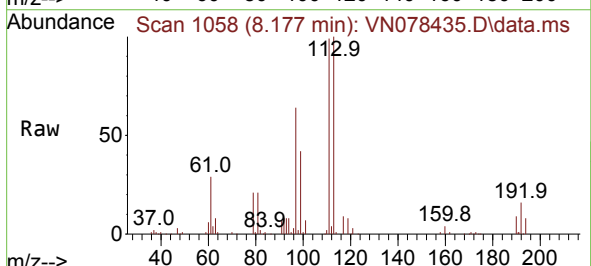
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

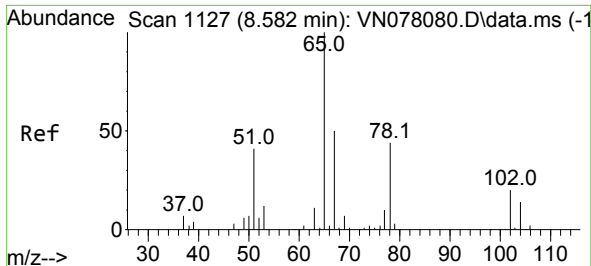
Tgt Ion: 56 Resp: 124201
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 91.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.797 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 97 Resp: 160572
Ion Ratio Lower Upper
97 100
99 57.5 50.3 75.5
61 46.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.571 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

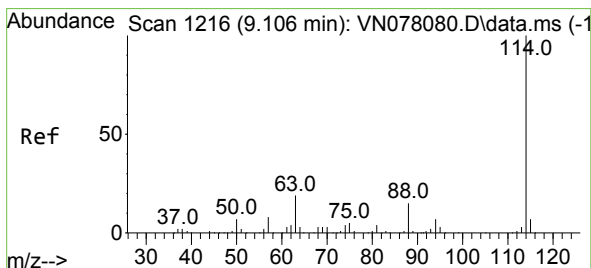
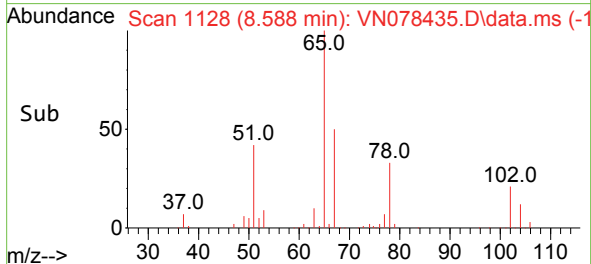
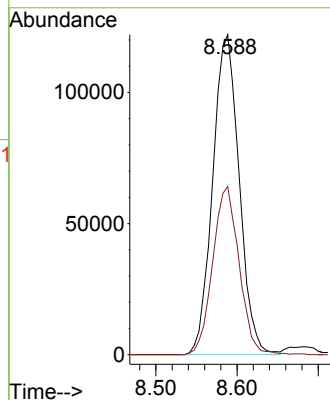
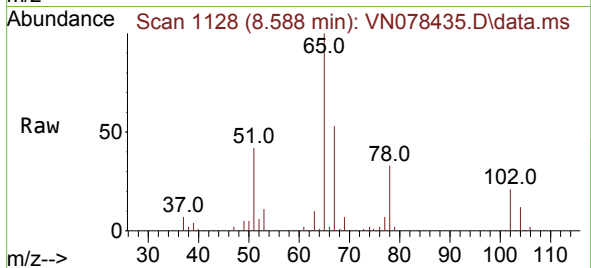
VN0628WBSD01

Tgt Ion: 65 Resp: 276757

Ion Ratio Lower Upper

65 100

67 52.3 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: VN078435.D

Acq: 28 Jun 2023 12:38

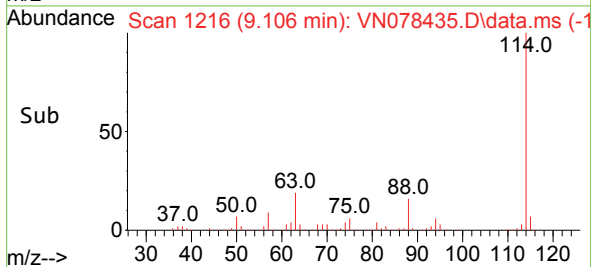
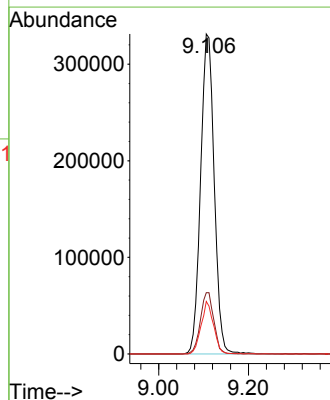
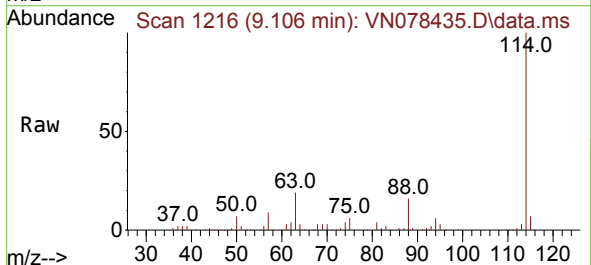
Tgt Ion:114 Resp: 697632

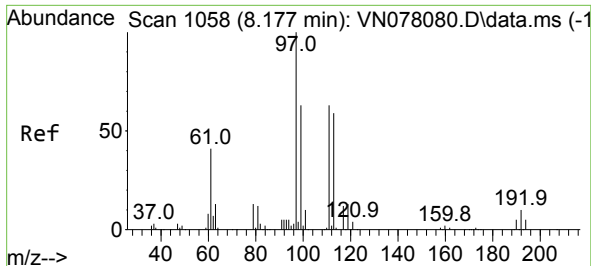
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.4 0.0 30.6

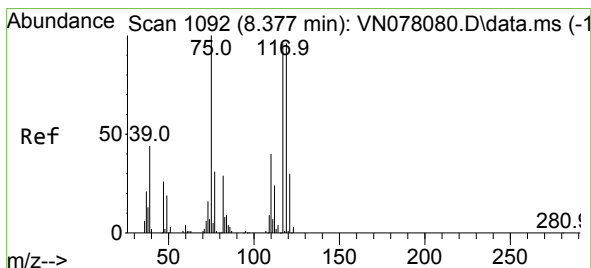
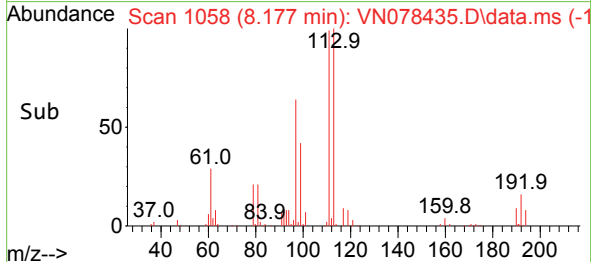
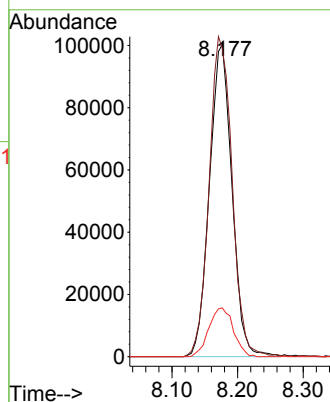
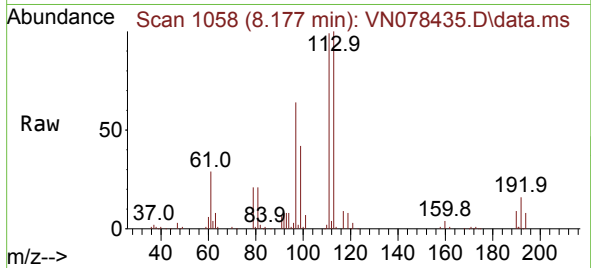




#35
 Dibromofluoromethane
 Concen: 54.150 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

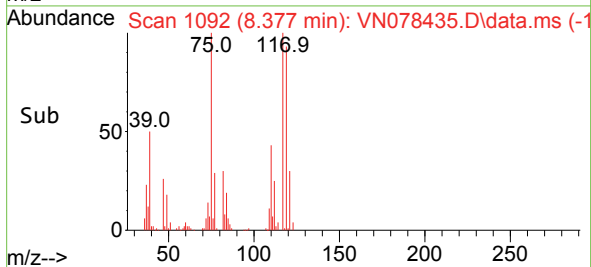
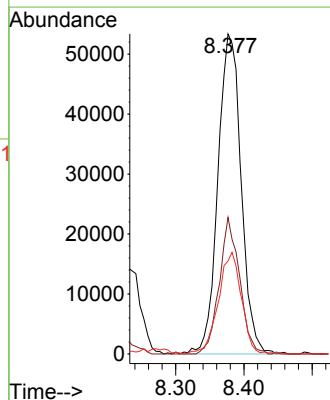
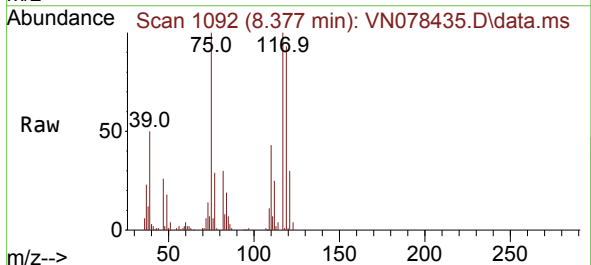
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

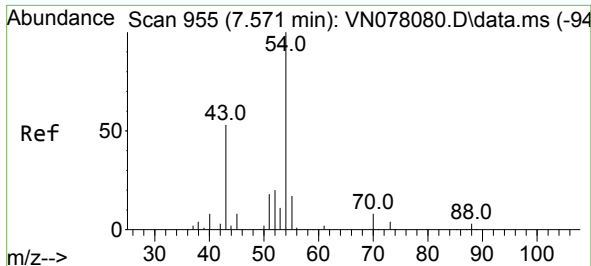
Tgt Ion:113 Resp: 238858
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.6 123.8
 192 17.1 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 19.988 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion: 75 Resp: 126464
 Ion Ratio Lower Upper
 75 100
 110 37.4 19.1 57.3
 77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 23.481 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

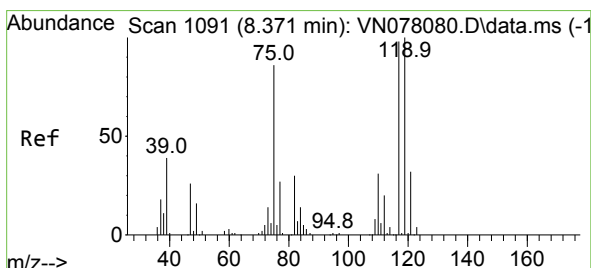
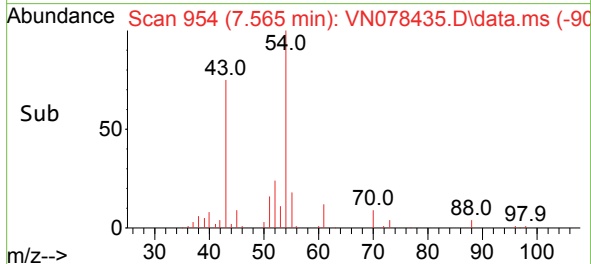
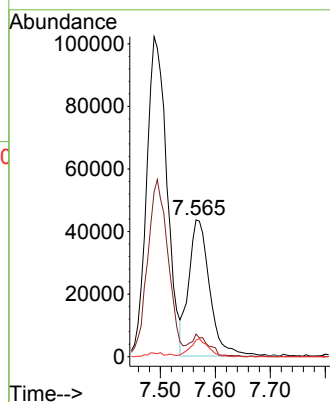
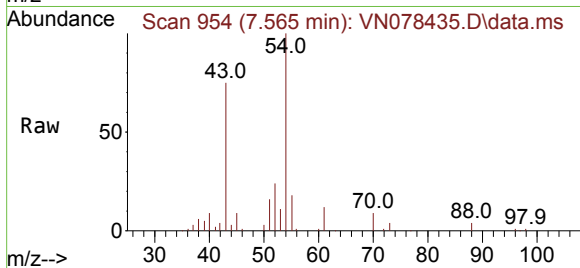
Tgt Ion: 43 Resp: 116060

Ion Ratio Lower Upper

43 100

61 13.8 13.2 19.8

70 11.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 20.422 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

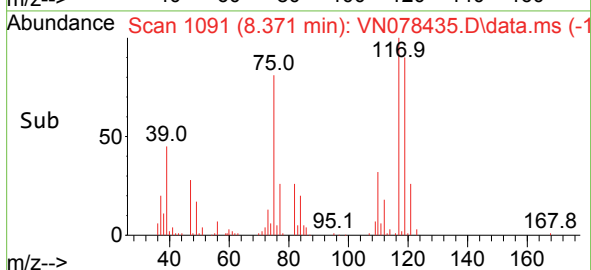
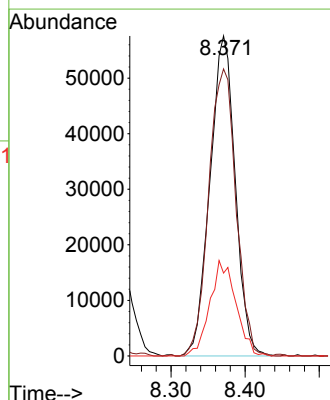
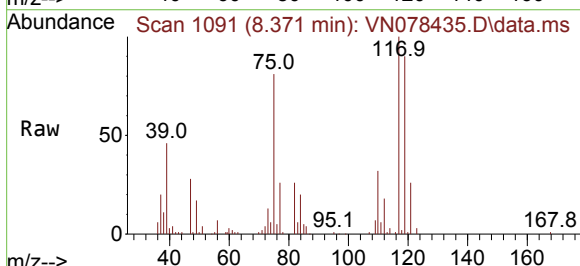
Tgt Ion: 117 Resp: 136433

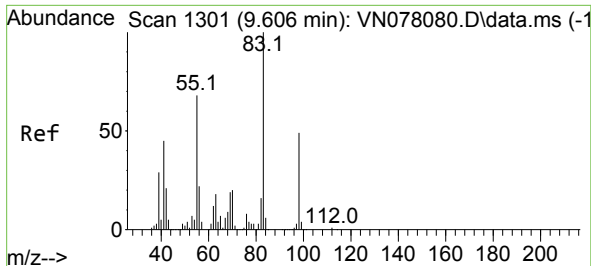
Ion Ratio Lower Upper

117 100

119 89.7 77.3 115.9

121 25.9 23.3 34.9





#39

Methylcyclohexane

Concen: 17.060 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

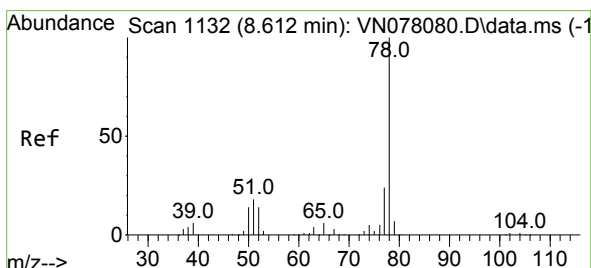
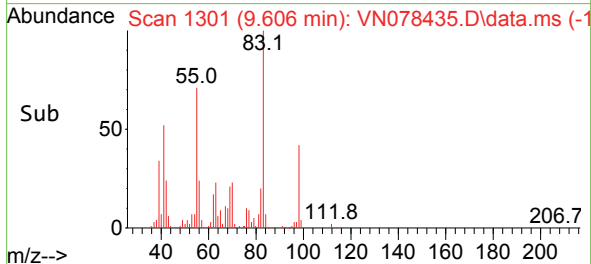
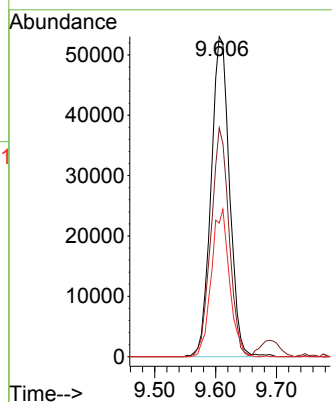
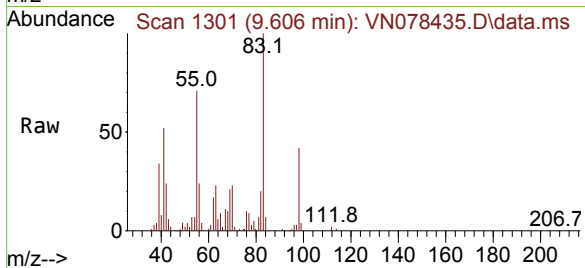
Tgt Ion: 83 Resp: 111865

Ion Ratio Lower Upper

83 100

55 71.5 49.1 73.7

98 41.7 40.6 61.0



#40

Benzene

Concen: 21.565 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078435.D

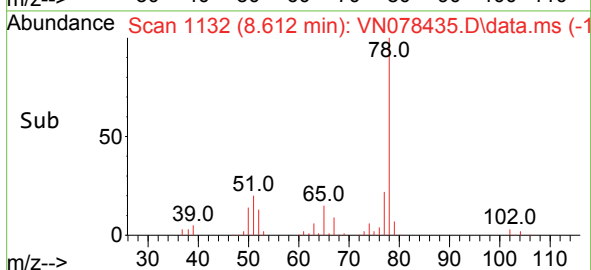
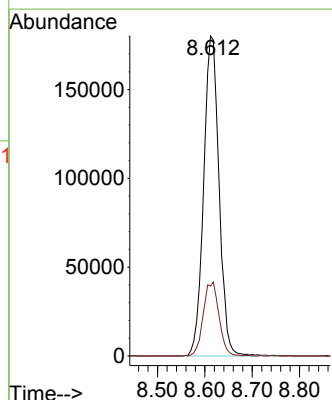
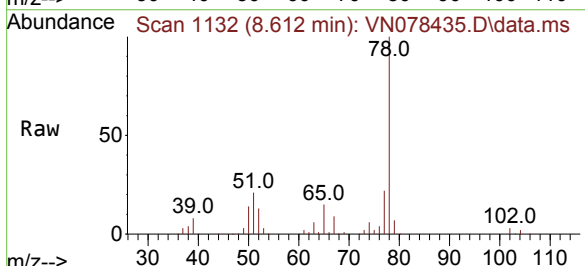
Acq: 28 Jun 2023 12:38

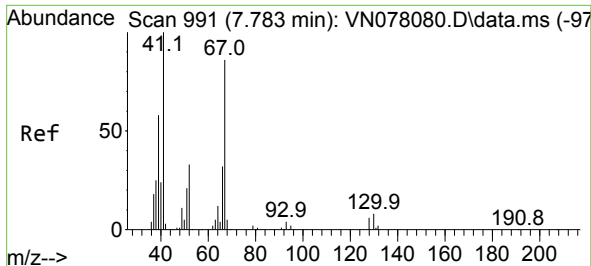
Tgt Ion: 78 Resp: 407342

Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.6

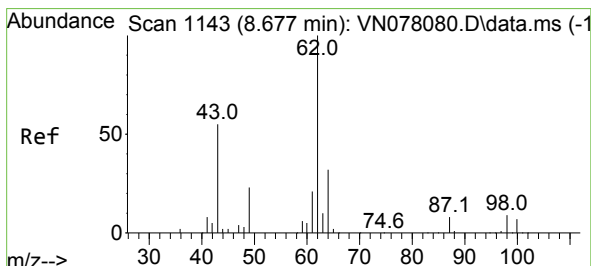
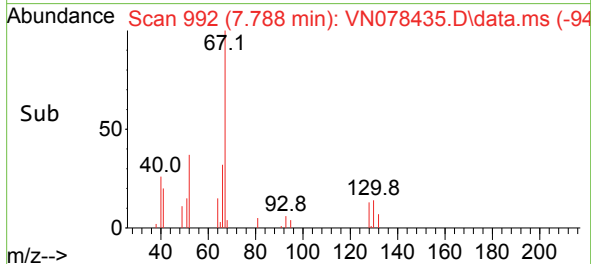
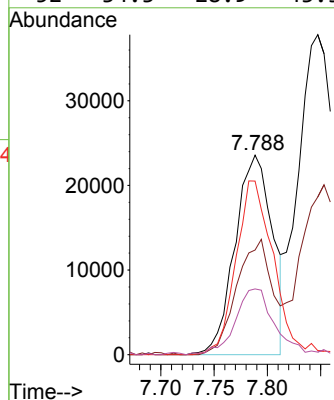
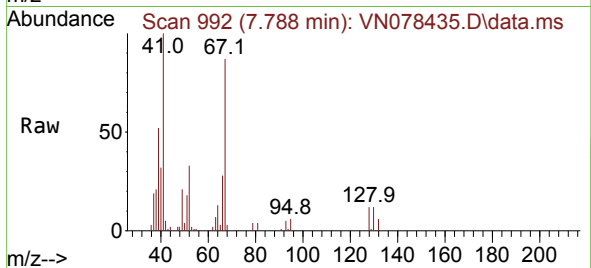




#41
Methacrylonitrile
Concen: 21.532 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

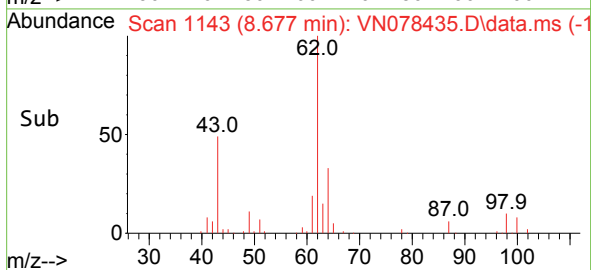
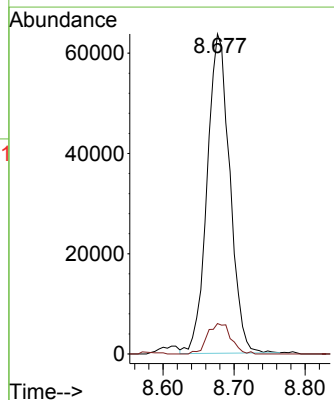
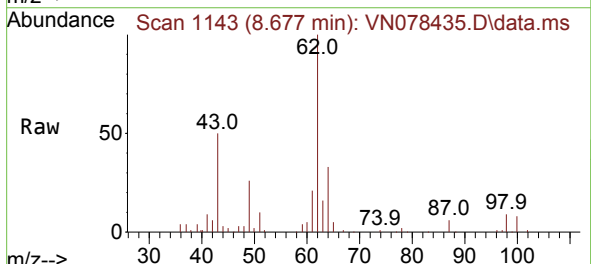
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

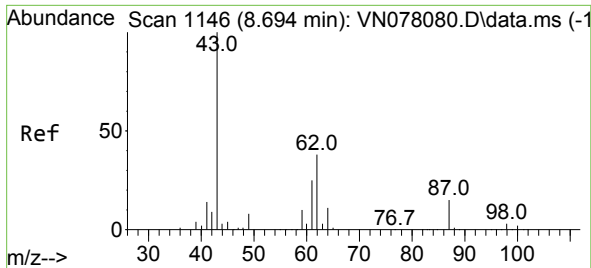
Tgt Ion:	41	Resp:	57688
Ion Ratio	Lower	Upper	
41	100		
39	54.7	42.6	64.0
67	87.1	77.5	116.3
52	34.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.759 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion:	62	Resp:	140925
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.8

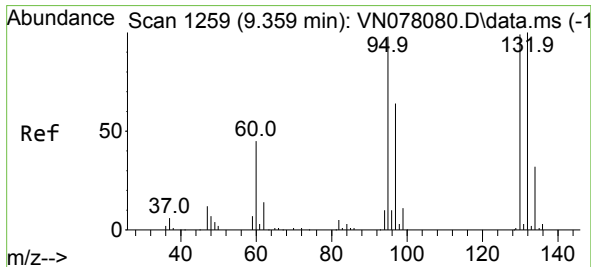
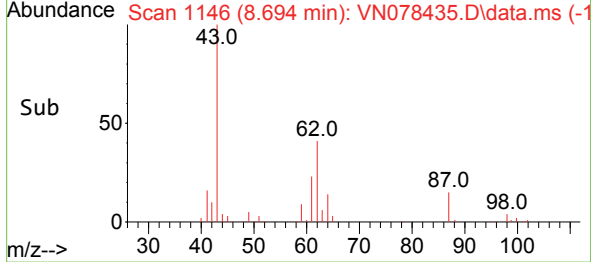
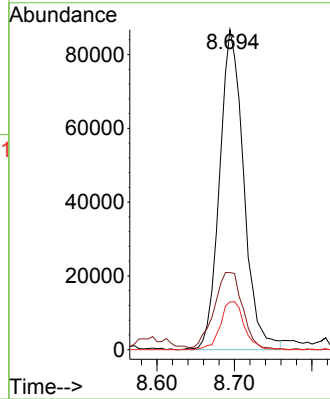
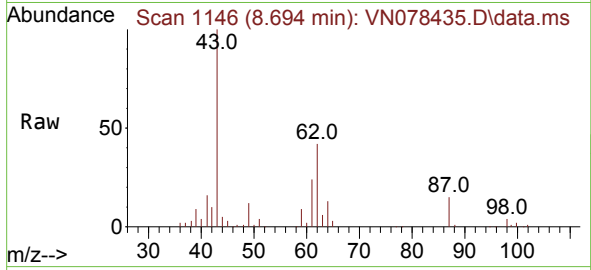




#43
Isopropyl Acetate
Concen: 19.926 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

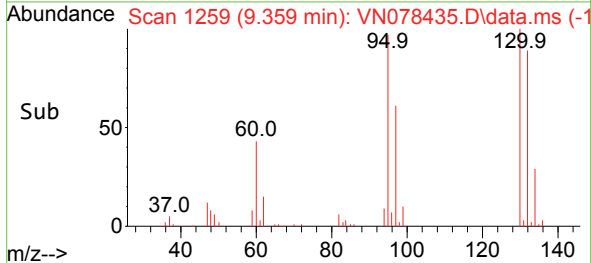
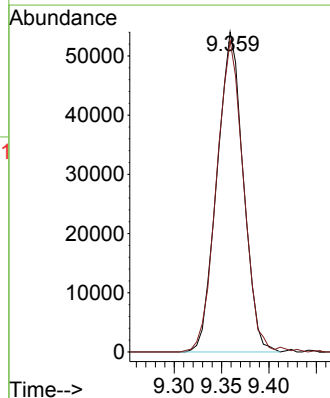
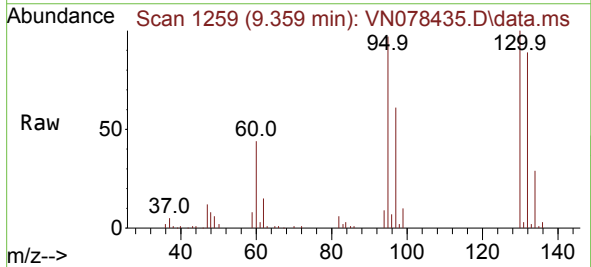
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

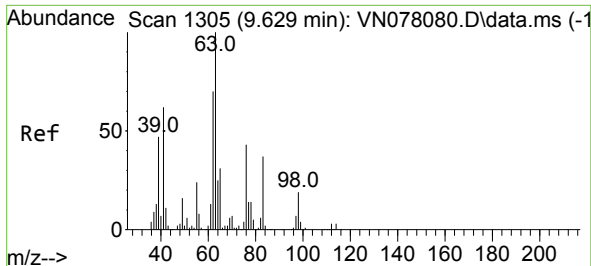
Tgt Ion: 43 Resp: 188358
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 14.8 14.6 21.8



#44
Trichloroethene
Concen: 20.898 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion:130 Resp: 104248
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.642 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

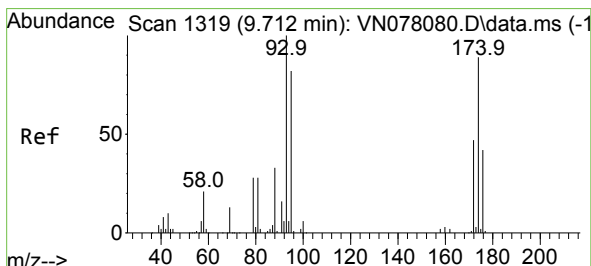
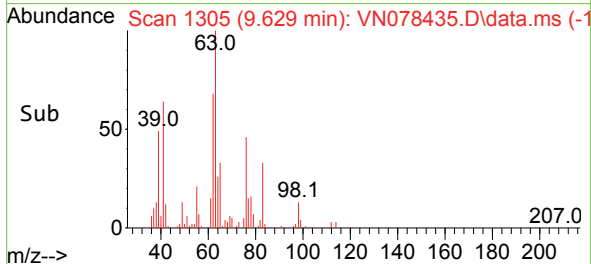
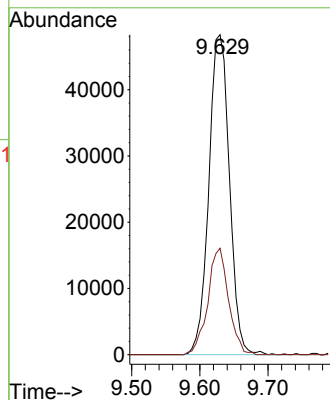
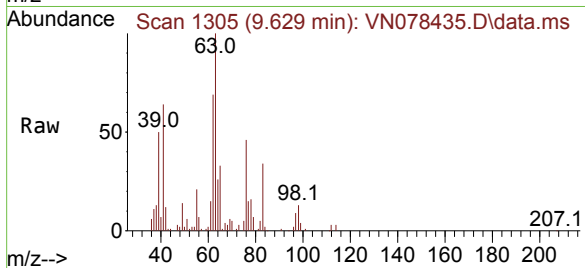
VN0628WBSD01

Tgt Ion: 63 Resp: 101709

Ion Ratio Lower Upper

63 100

65 33.2 23.9 35.9



#46

Dibromomethane

Concen: 21.746 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

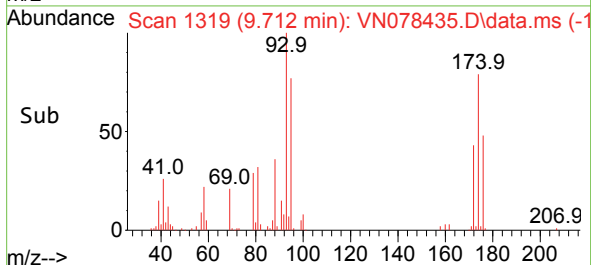
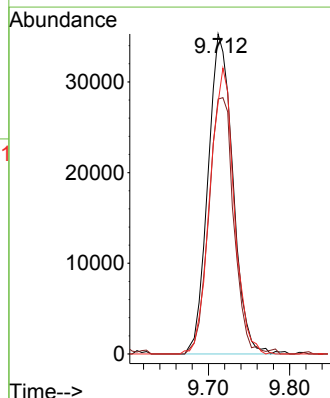
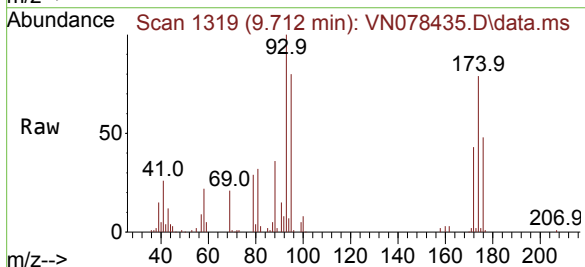
Tgt Ion: 93 Resp: 75275

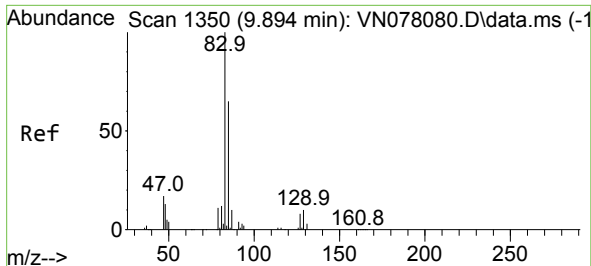
Ion Ratio Lower Upper

93 100

95 80.3 63.8 95.8

174 86.4 65.6 98.4

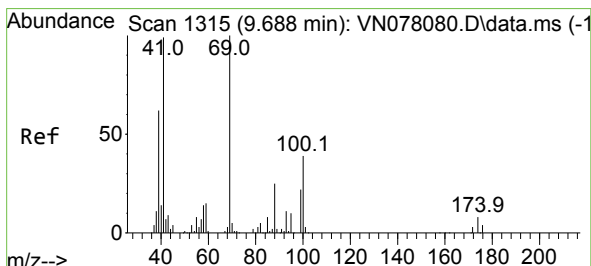
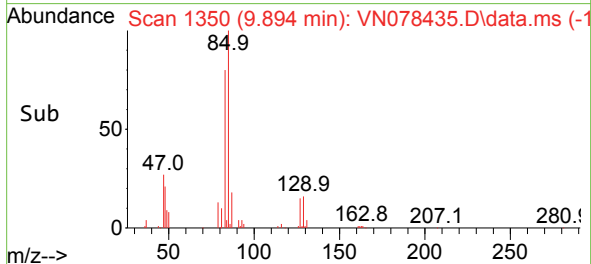
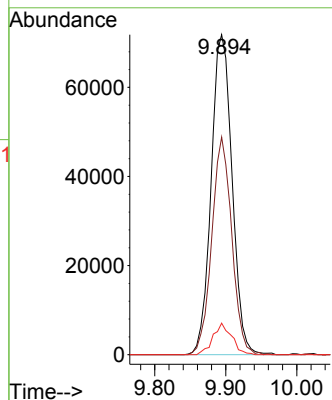
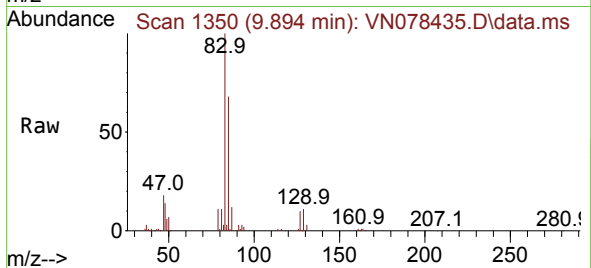




#47
Bromodichloromethane
Concen: 22.811 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

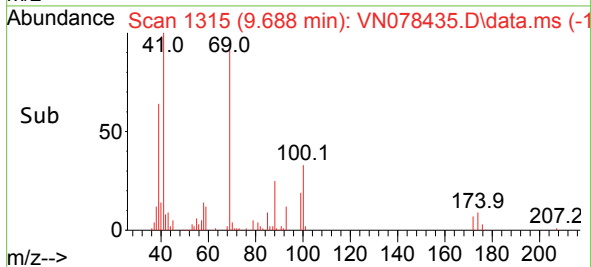
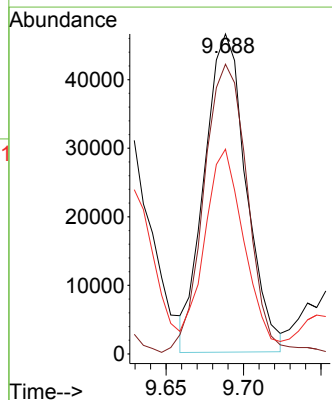
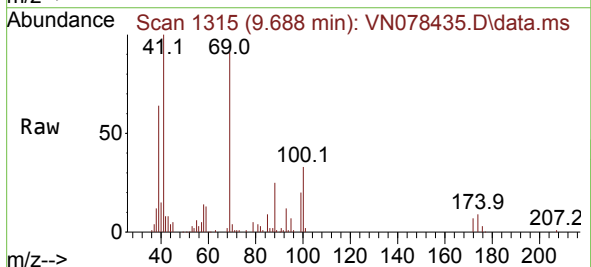
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

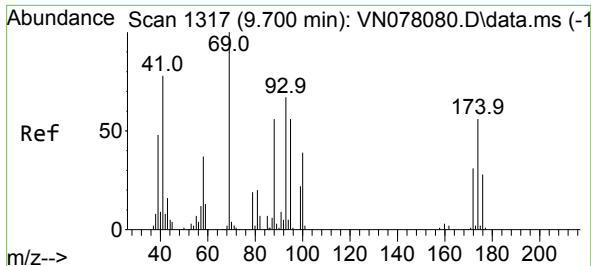
Tgt Ion: 83 Resp: 146675
Ion Ratio Lower Upper
83 100
85 68.0 49.6 74.4
127 9.9 7.0 10.6



#48
Methyl methacrylate
Concen: 21.951 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 41 Resp: 87076
Ion Ratio Lower Upper
41 100
69 96.2 90.4 135.6
39 61.7 54.6 81.8





#49

1,4-Dioxane

Concen: 434.971 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

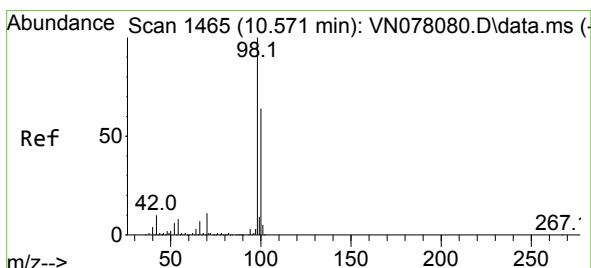
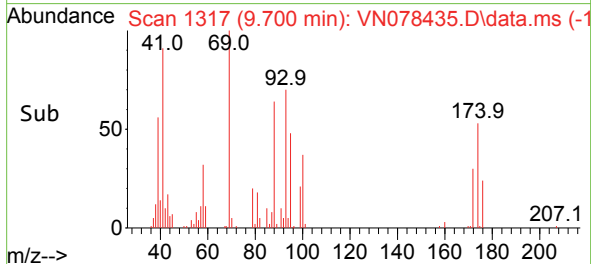
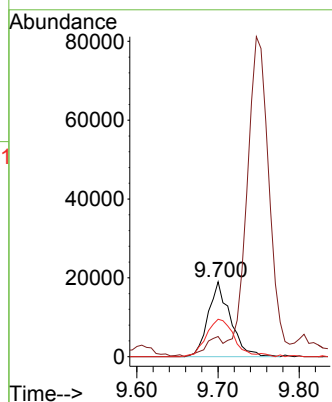
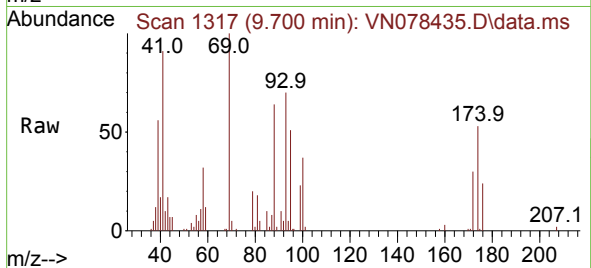
Tgt Ion: 88 Resp: 36266

Ion Ratio Lower Upper

88 100

43 20.7 17.0 25.6

58 63.1 47.0 70.4



#50

Toluene-d8

Concen: 49.696 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078435.D

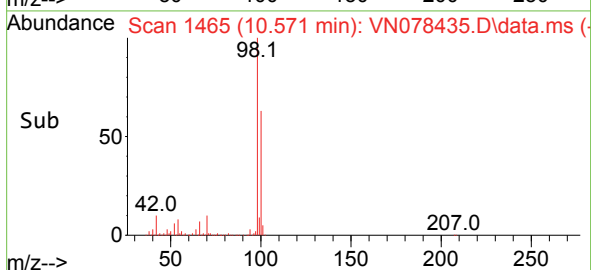
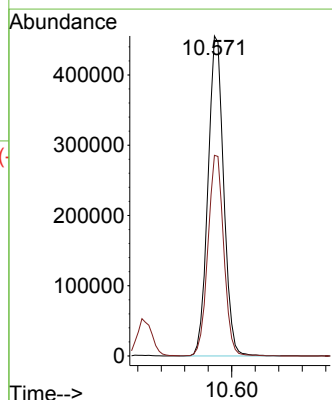
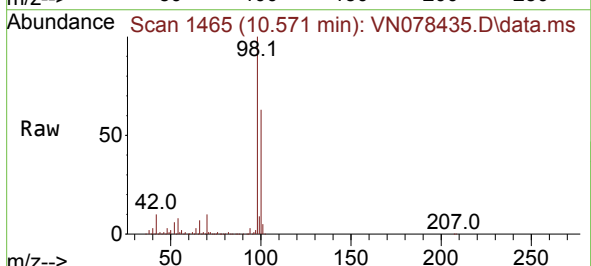
Acq: 28 Jun 2023 12:38

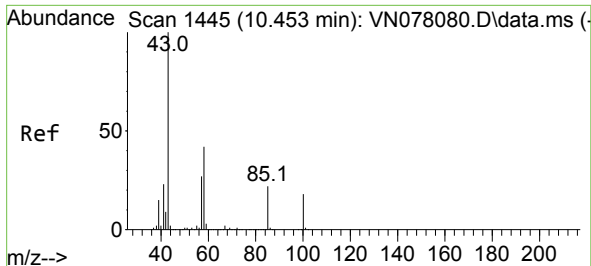
Tgt Ion: 98 Resp: 845079

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

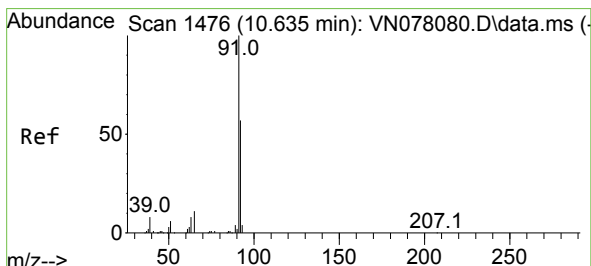
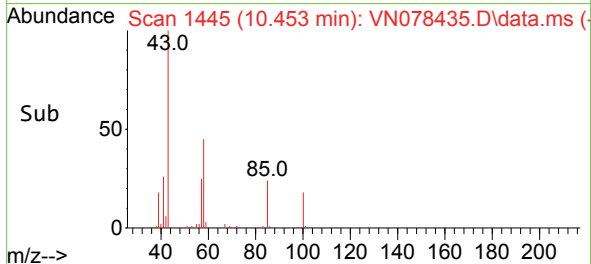
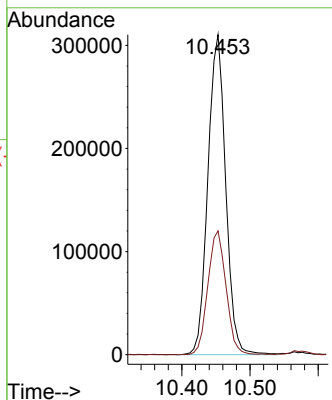
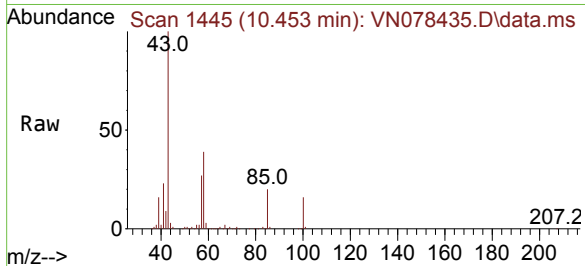




#51
4-Methyl-2-Pentanone
Concen: 113.329 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

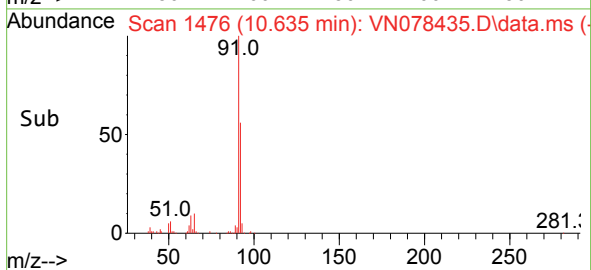
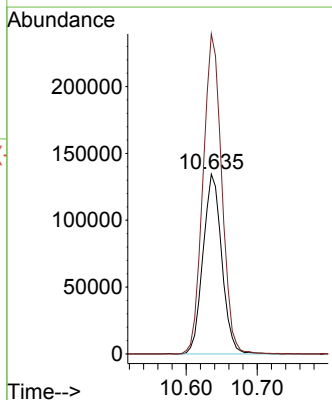
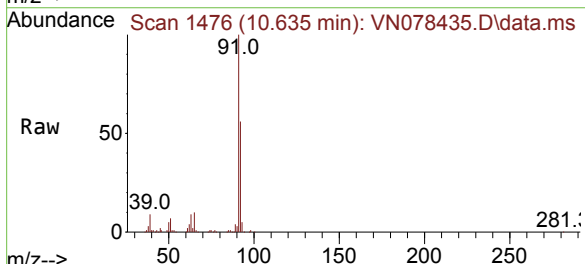
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

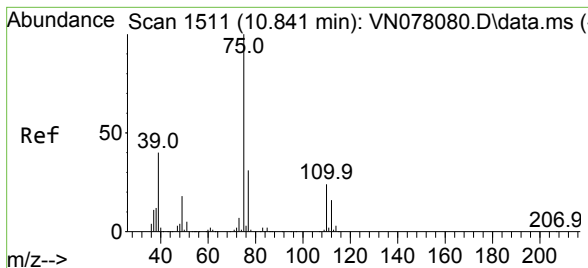
Tgt Ion: 43 Resp: 564118
Ion Ratio Lower Upper
43 100
58 39.6 36.6 54.8



#52
Toluene
Concen: 20.711 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 92 Resp: 247002
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0

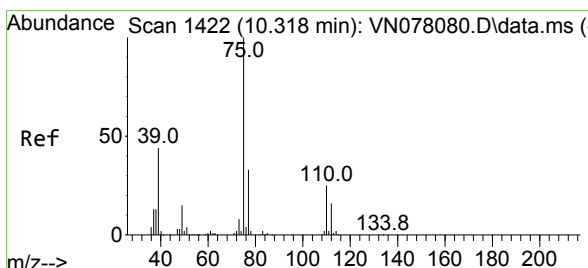
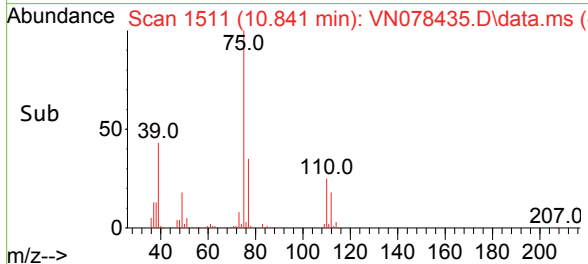
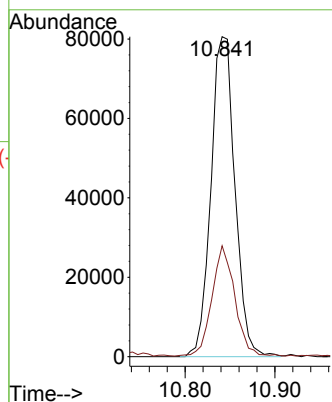
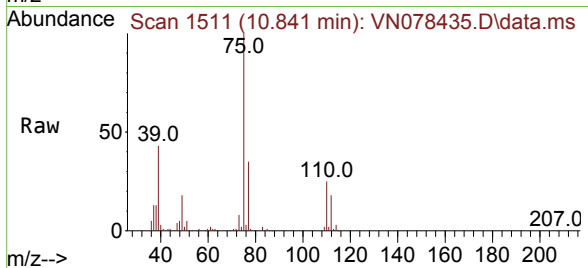




#53
t-1,3-Dichloropropene
Concen: 22.388 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

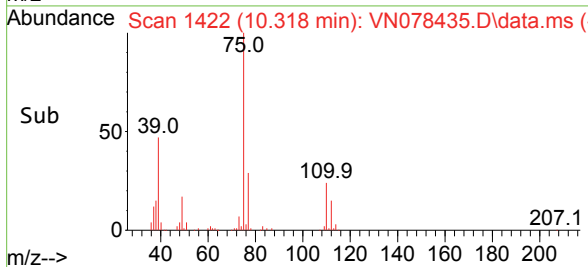
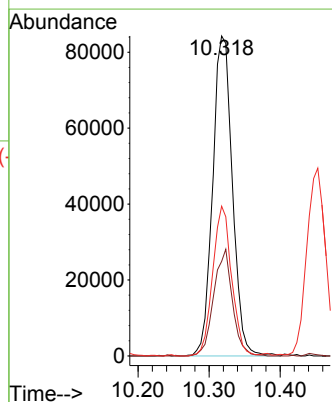
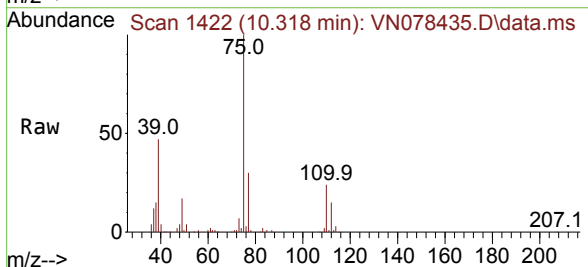
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

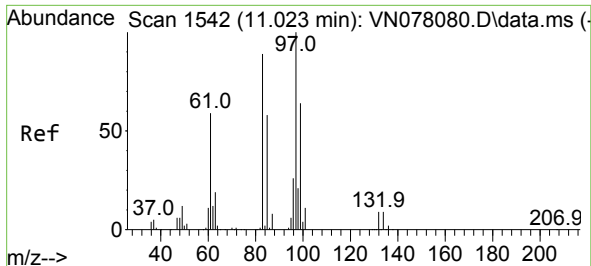
Tgt Ion: 75 Resp: 149920
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.946 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 75 Resp: 162454
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 46.8 31.6 47.4

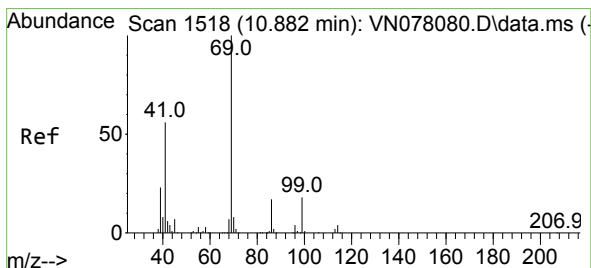
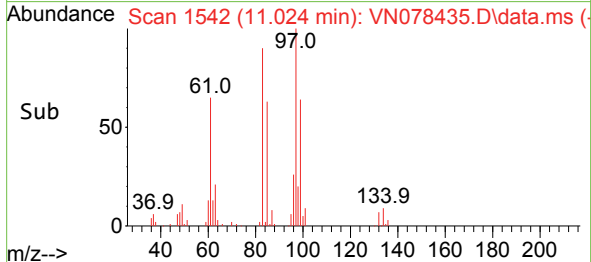
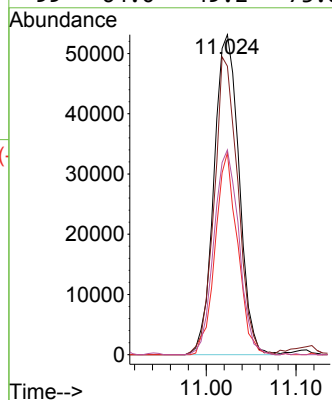
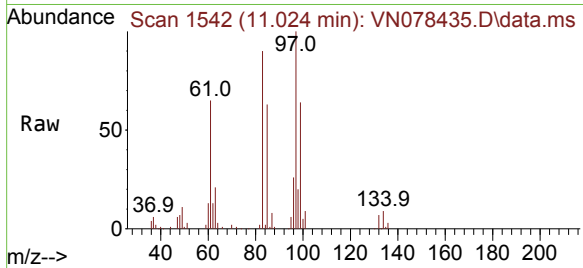




#55
 1,1,2-Trichloroethane
 Concen: 22.847 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

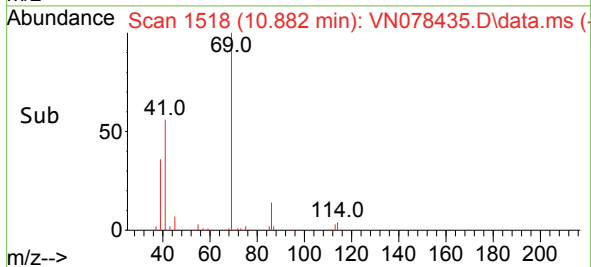
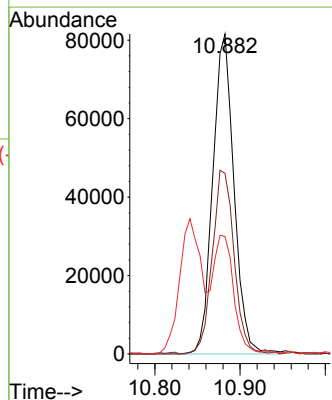
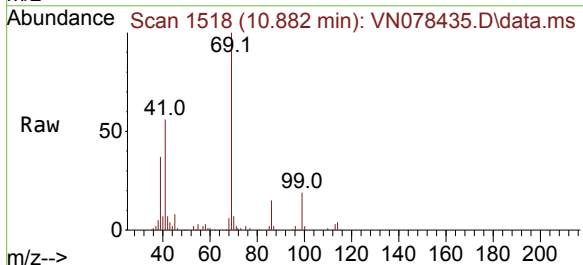
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

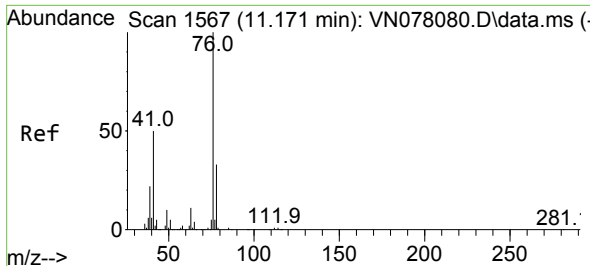
Tgt Ion:	97	Resp:	103074
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.1	97.7
85	63.1	43.4	65.2
99	64.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 21.458 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion:	69	Resp:	140958
Ion	Ratio	Lower	Upper
69	100		
41	59.3	39.6	59.4
39	36.4	28.6	43.0

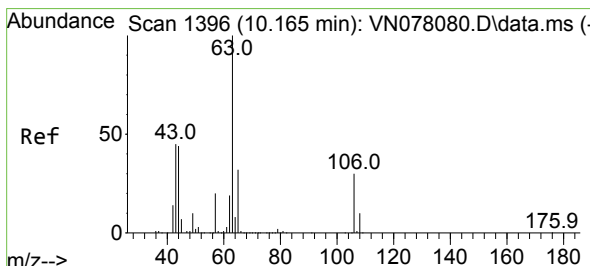
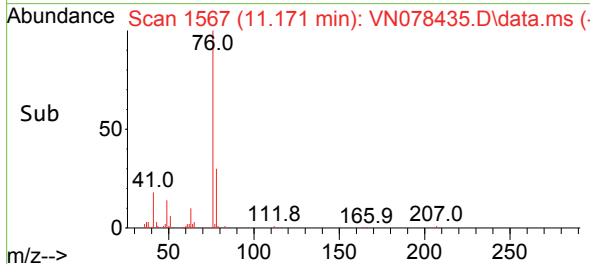
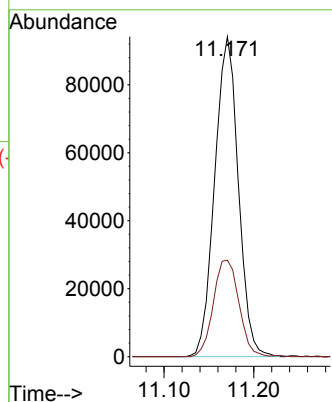
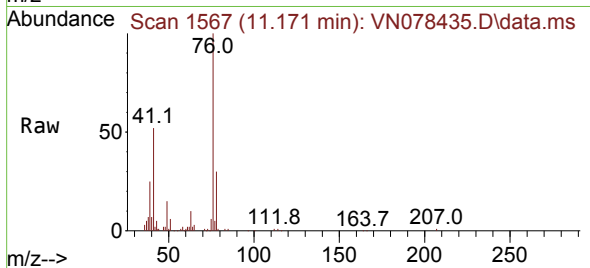




#57
1,3-Dichloropropane
Concen: 22.588 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

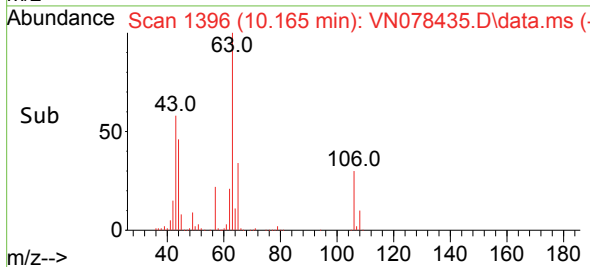
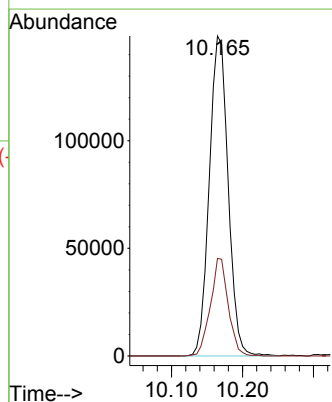
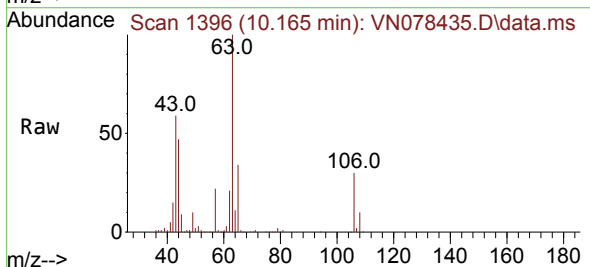
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

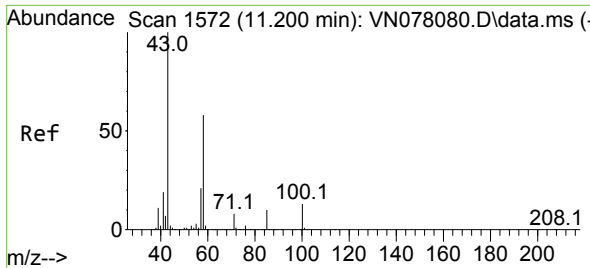
Tgt Ion: 76 Resp: 172016
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 103.216 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 63 Resp: 273907
Ion Ratio Lower Upper
63 100
106 28.9 26.2 39.4

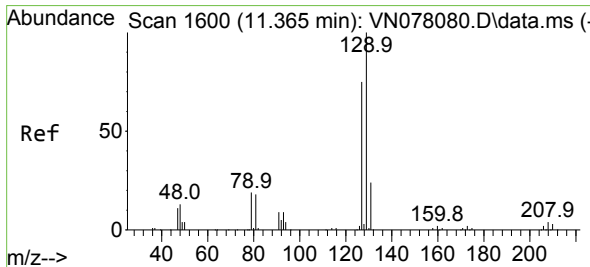
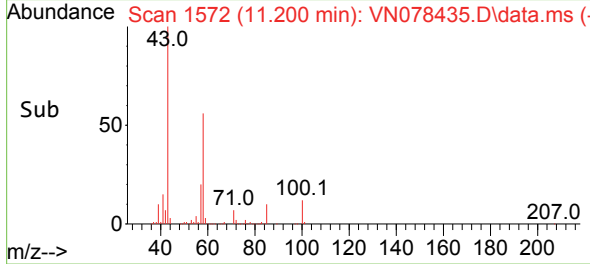
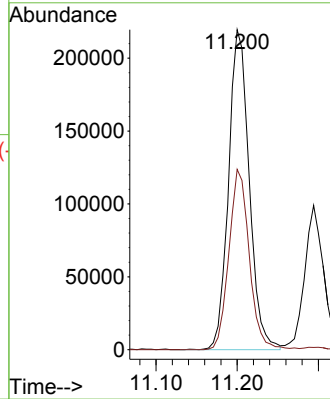
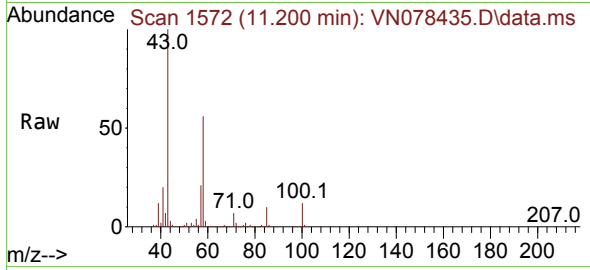




#59
2-Hexanone
Concen: 112.002 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

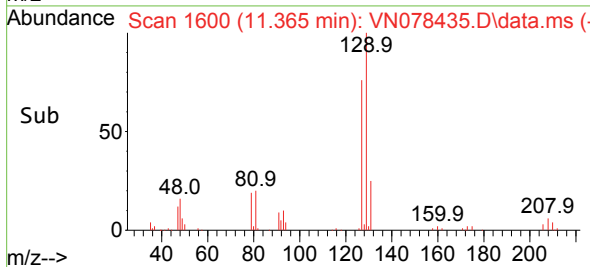
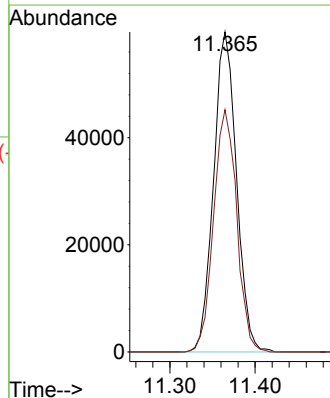
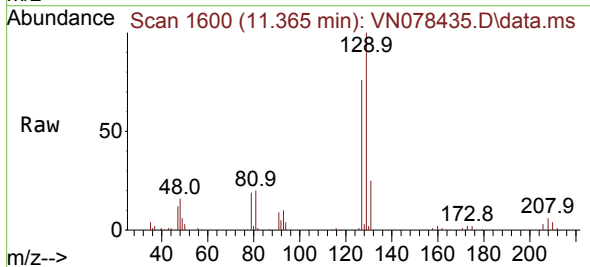
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

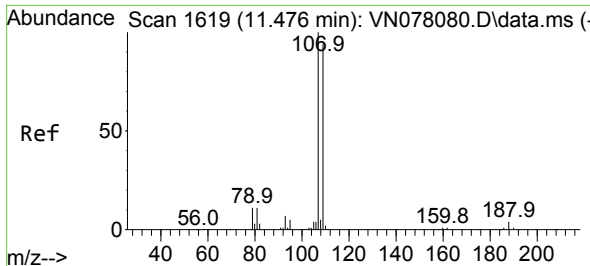
Tgt Ion: 43 Resp: 388191
Ion Ratio Lower Upper
43 100
58 55.7 31.7 95.1



#60
Dibromochloromethane
Concen: 22.614 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 129 Resp: 111639
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

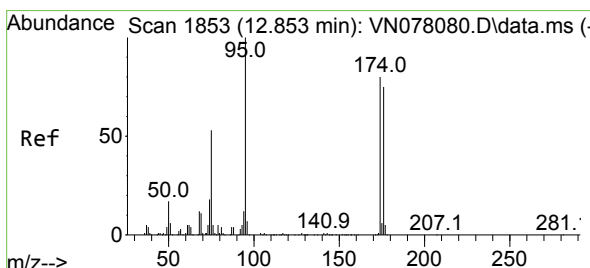
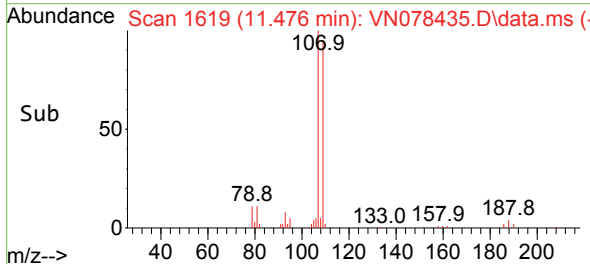
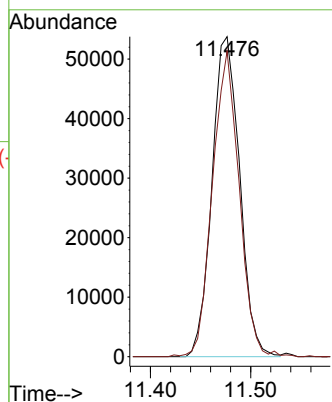
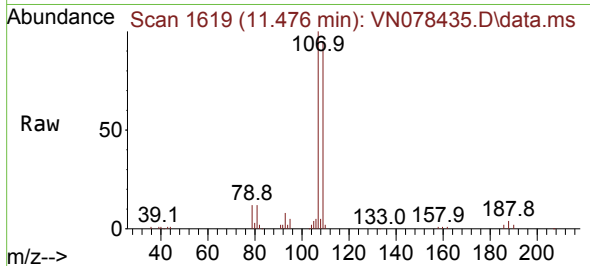




#61
1,2-Dibromoethane
Concen: 21.775 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

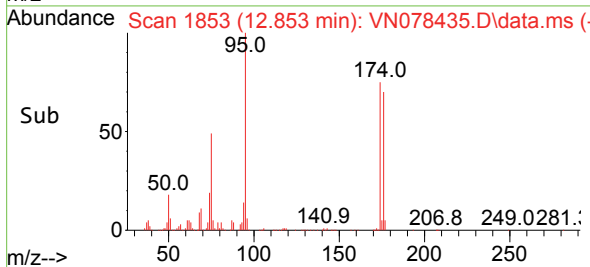
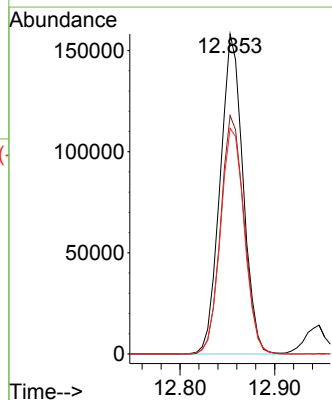
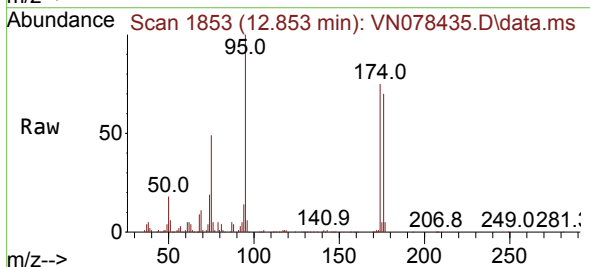
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

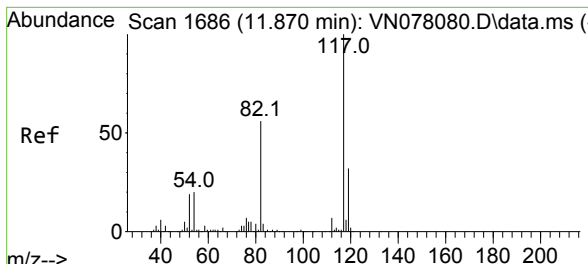
Tgt Ion:107 Resp: 103092
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 95 Resp: 265842
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.6 0.0 135.8

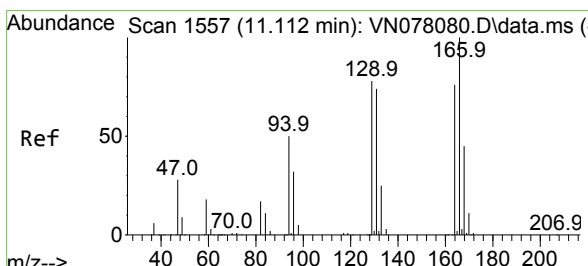
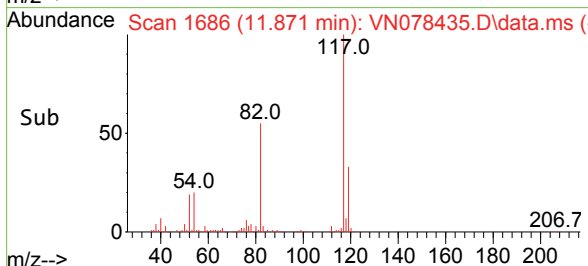
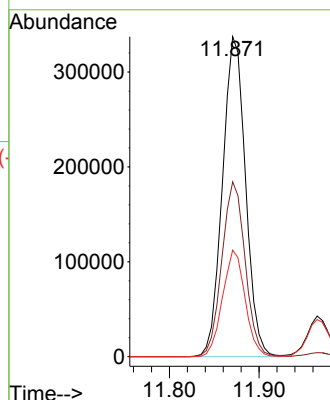
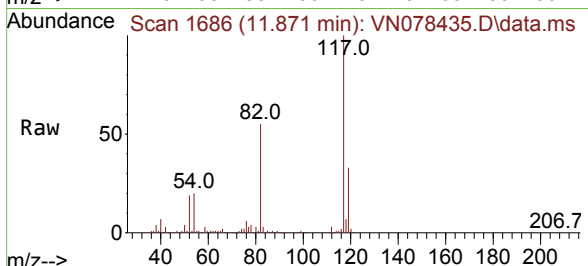




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

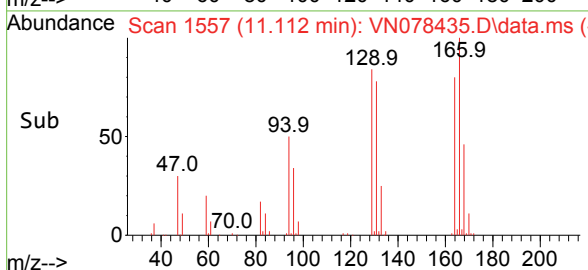
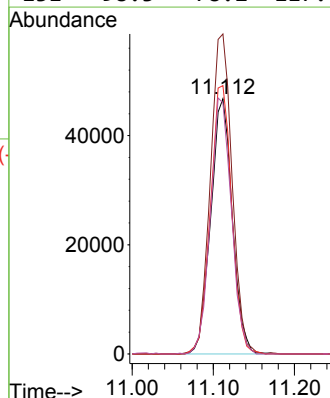
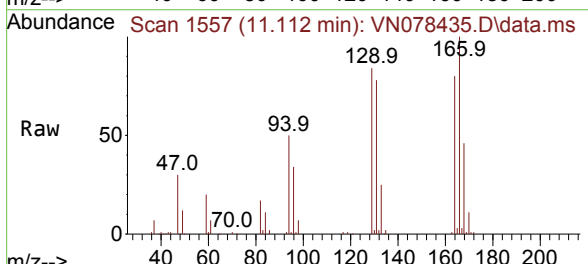
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

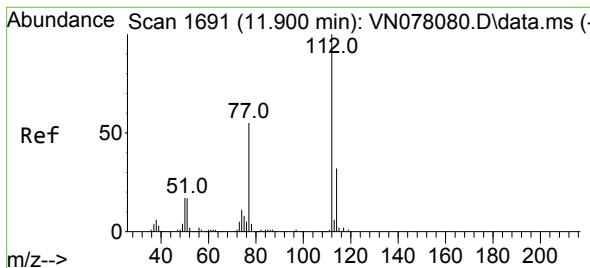
Tgt Ion:117	Resp:	601912
Ion	Ratio	Lower Upper
117	100	
82	54.6	44.0 66.0
119	33.3	25.6 38.4



#64
Tetrachloroethene
Concen: 21.410 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion:164	Resp:	85974
Ion	Ratio	Lower Upper
164	100	
166	125.4	101.4 152.0
129	105.1	82.4 123.6
131	98.3	78.2 117.4





#65

Chlorobenzene

Concen: 20.465 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

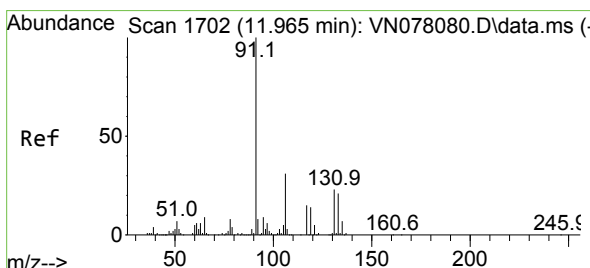
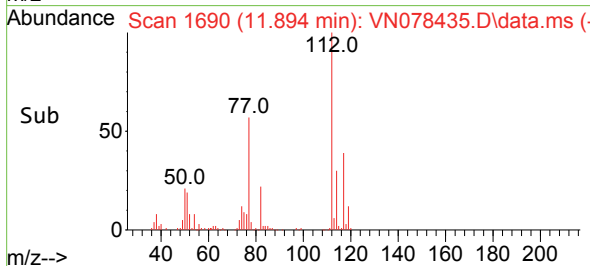
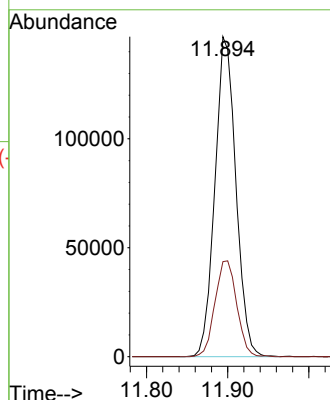
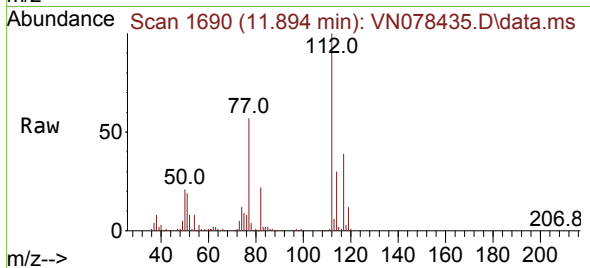
VN0628WBSD01

Tgt Ion:112 Resp: 263806

Ion Ratio Lower Upper

112 100

114 29.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.776 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

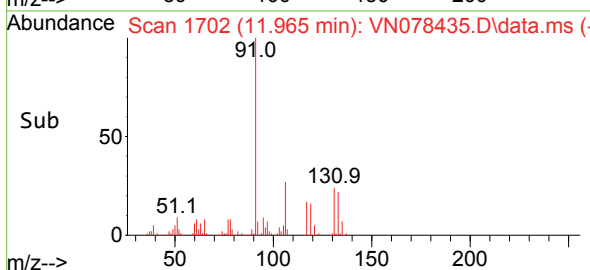
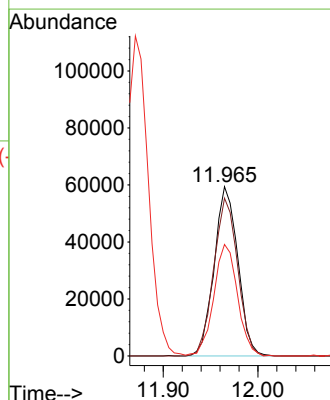
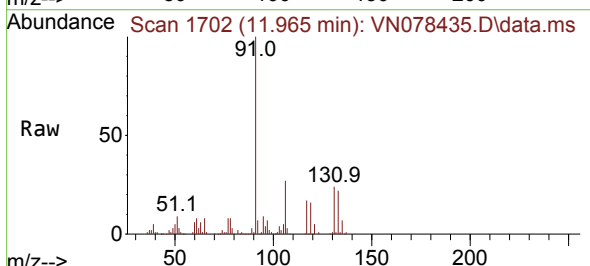
Tgt Ion:131 Resp: 103239

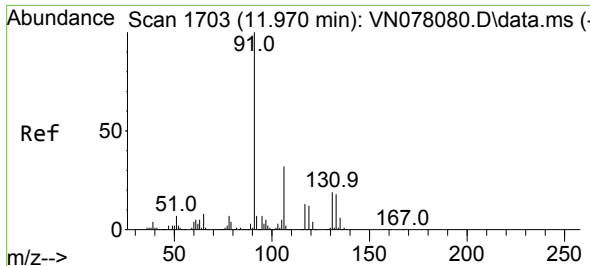
Ion Ratio Lower Upper

131 100

133 94.3 46.4 139.1

119 66.1 34.1 102.2

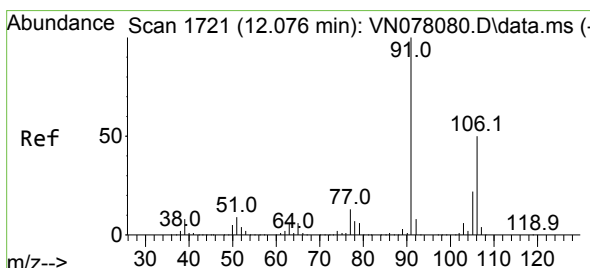
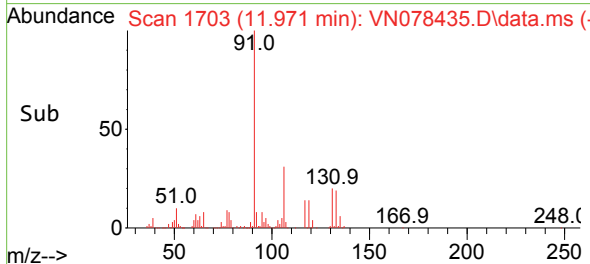
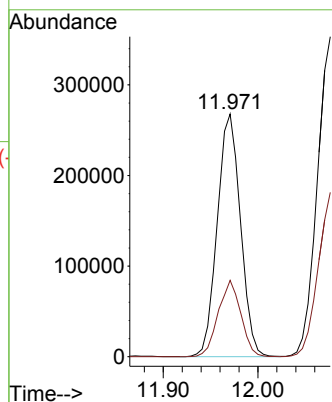
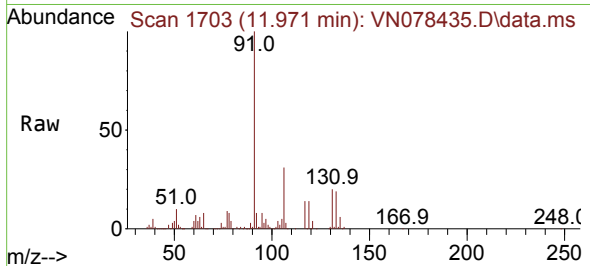




#67
Ethyl Benzene
Concen: 20.505 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

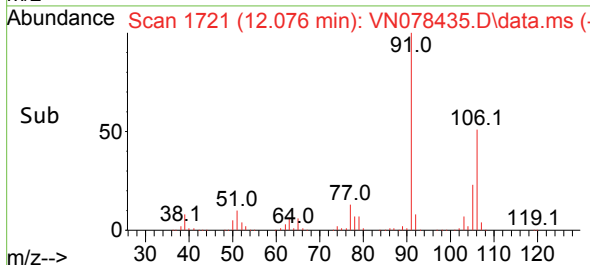
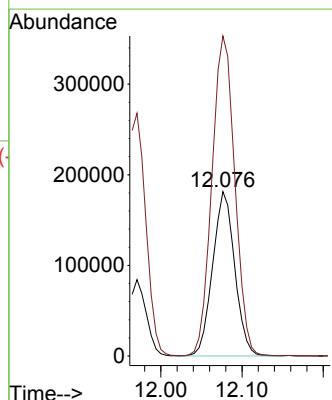
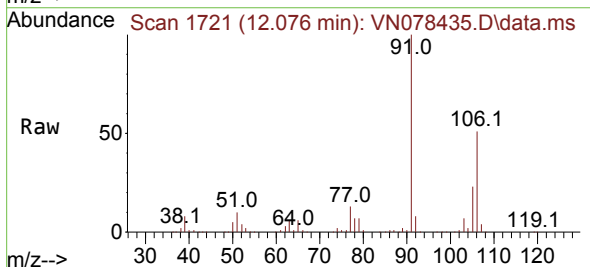
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

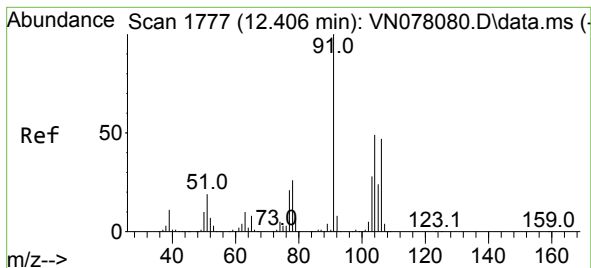
Tgt Ion: 91 Resp: 456068
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 40.430 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 106 Resp: 342700
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4





#69

o-Xylene

Concen: 20.384 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

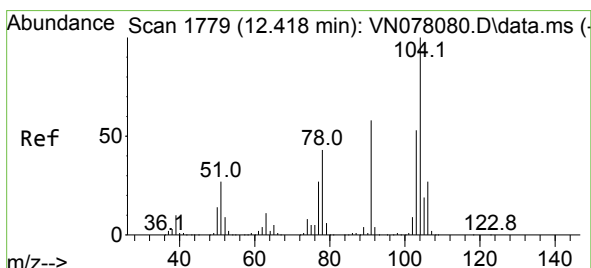
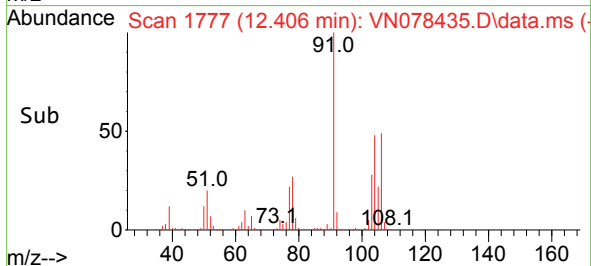
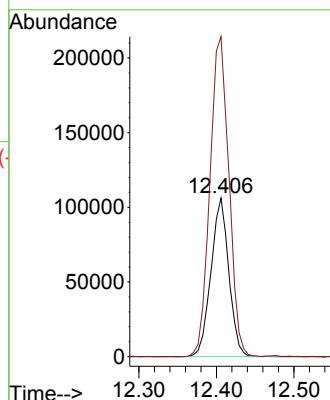
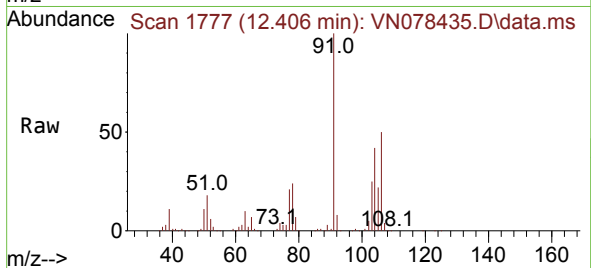
VN0628WBSD01

Tgt Ion:106 Resp: 169678

Ion Ratio Lower Upper

106 100

91 215.0 105.2 315.5



#70

Styrene

Concen: 20.273 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

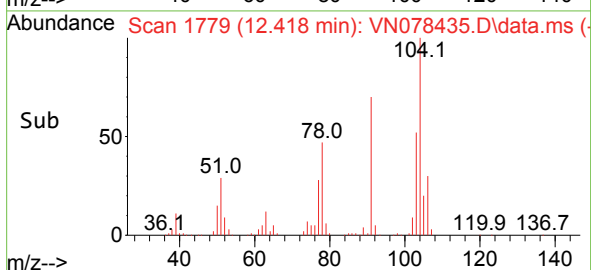
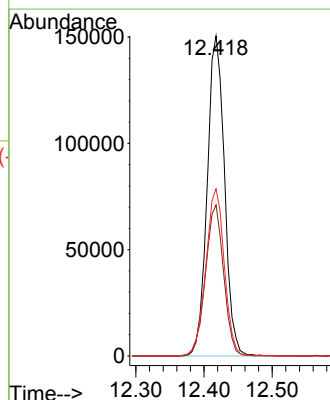
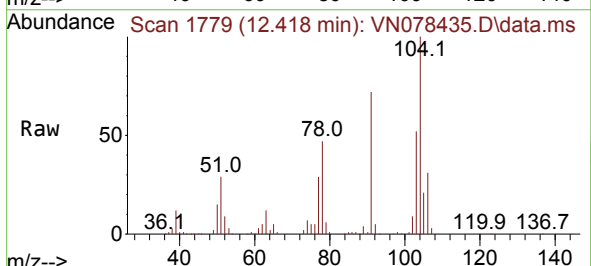
Tgt Ion:104 Resp: 265665

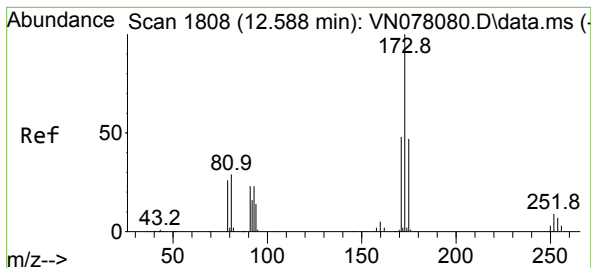
Ion Ratio Lower Upper

104 100

78 49.5 39.5 59.3

103 56.0 43.2 64.8





#71

Bromoform

Concen: 22.587 ug/l

RT: 12.582 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

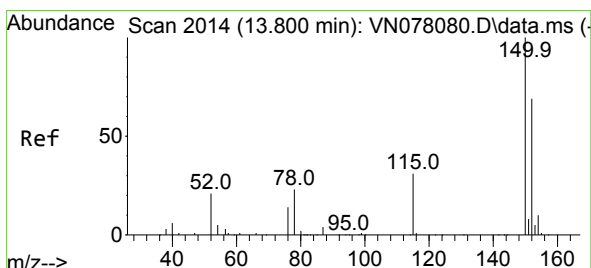
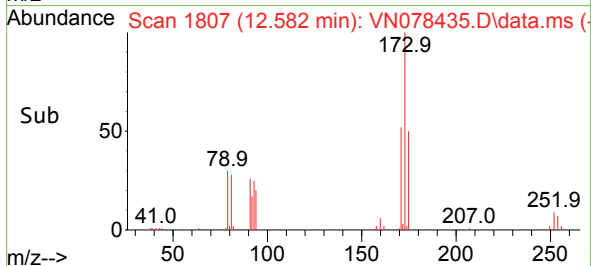
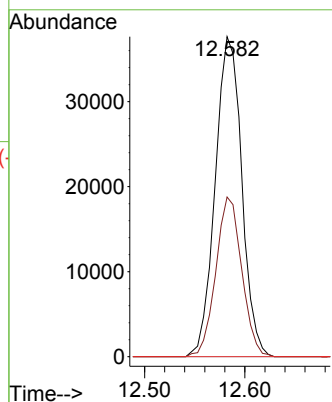
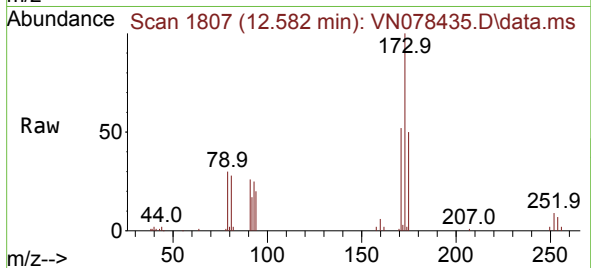
Tgt Ion:173 Resp: 69107

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

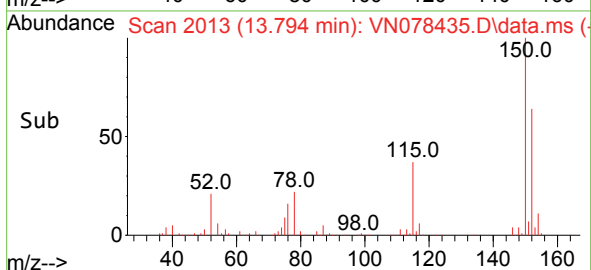
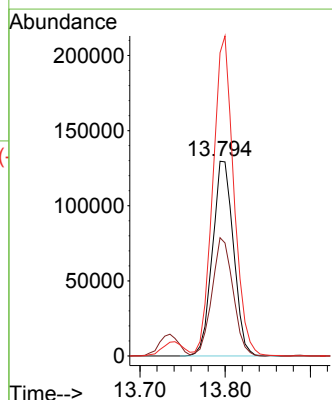
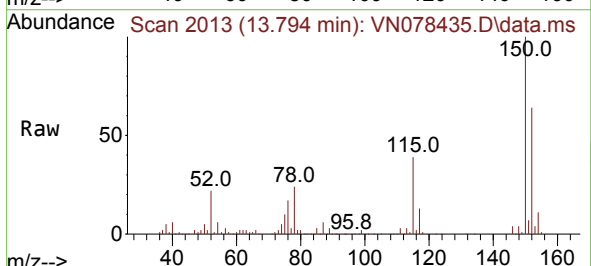
Tgt Ion:152 Resp: 222769

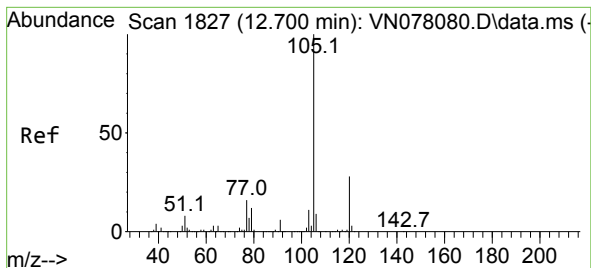
Ion Ratio Lower Upper

152 100

115 60.7 32.3 96.8

150 163.5 0.0 355.8





#73

Isopropylbenzene

Concen: 19.723 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

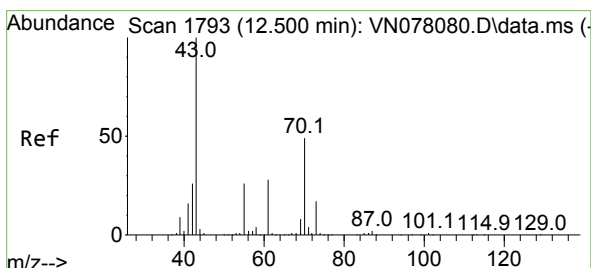
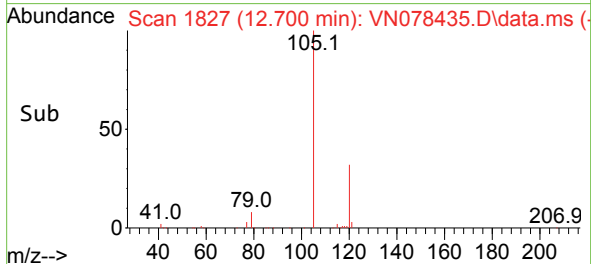
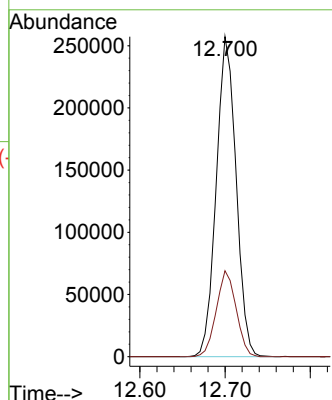
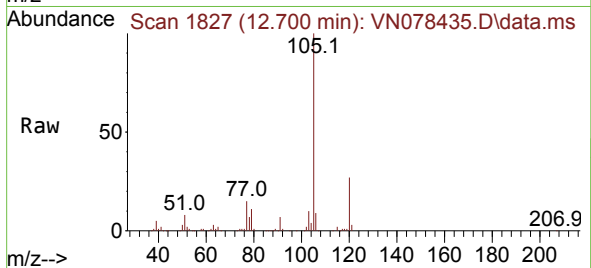
VN0628WBSD01

Tgt Ion:105 Resp: 415473

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1



#74

N-ethyl acetate

Concen: 19.908 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Tgt Ion: 43 Resp: 138100

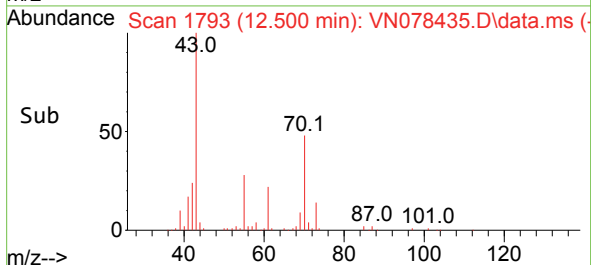
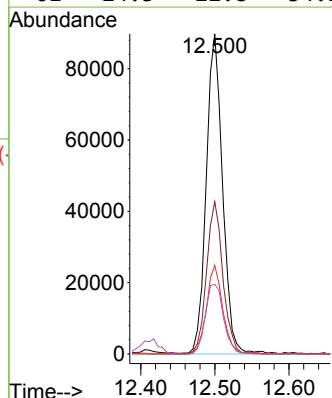
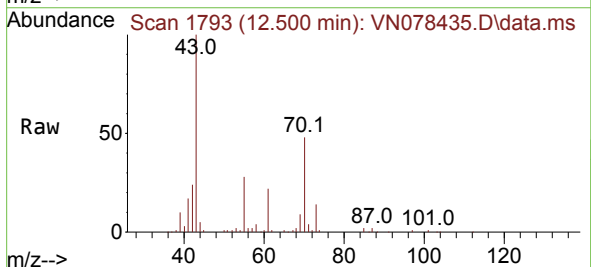
Ion Ratio Lower Upper

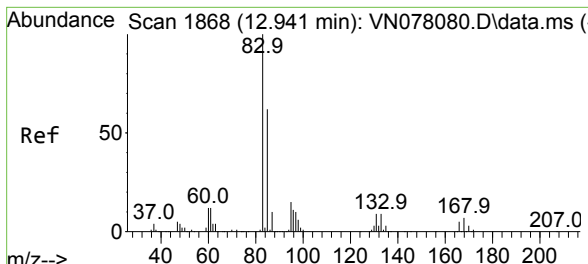
43 100

70 47.6 43.4 65.2

55 27.3 21.4 32.0

61 24.3 22.8 34.2

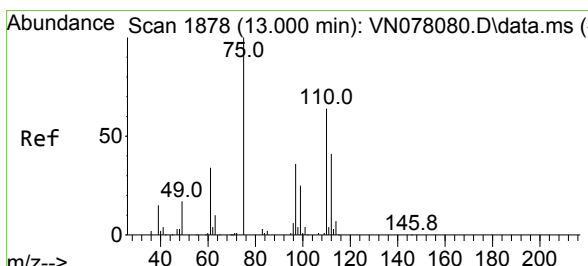
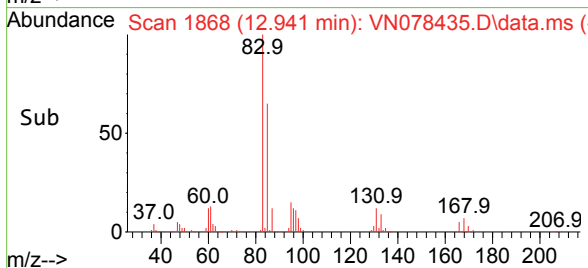
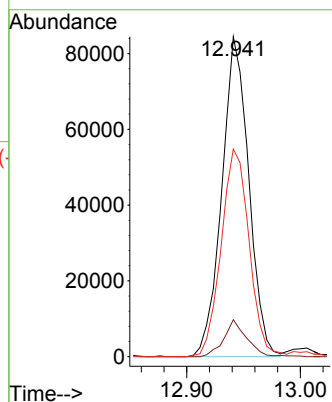
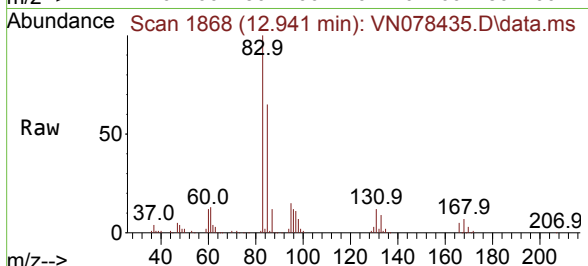




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.695 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

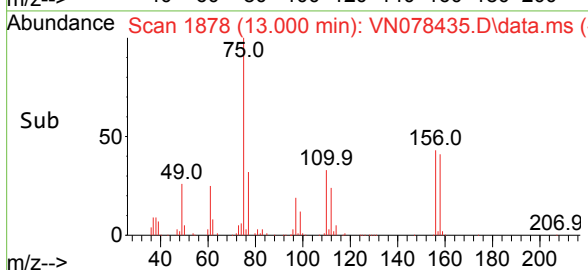
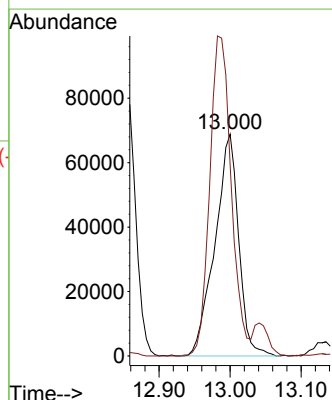
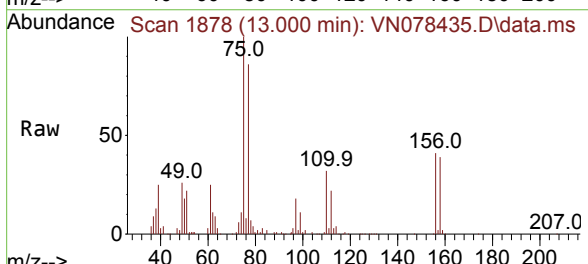
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

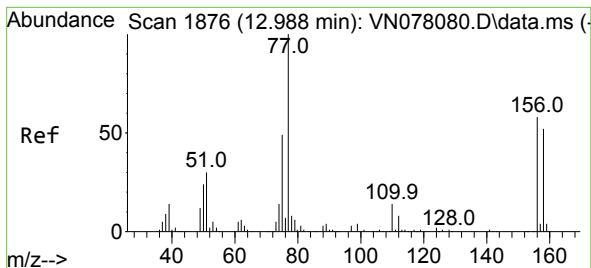
Tgt Ion: 83 Resp: 139235
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 67.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 30.227 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion: 75 Resp: 159186
 Ion Ratio Lower Upper
 75 100
 77 131.5 84.5 253.5





#77

Bromobenzene

Concen: 20.024 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

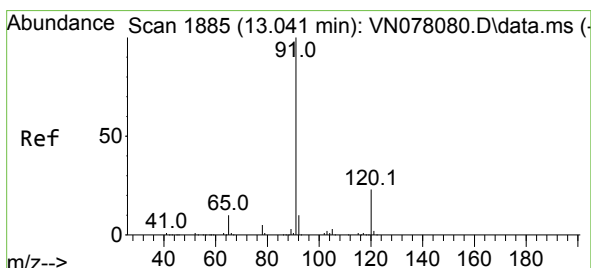
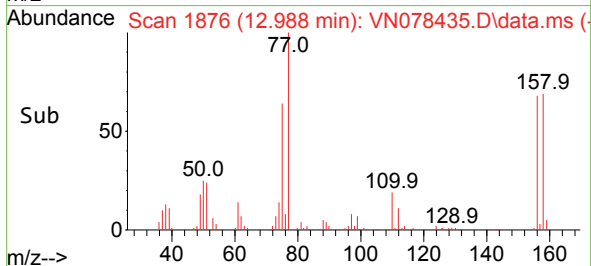
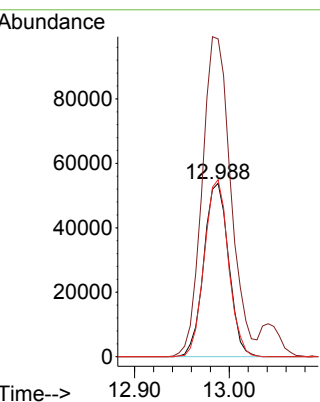
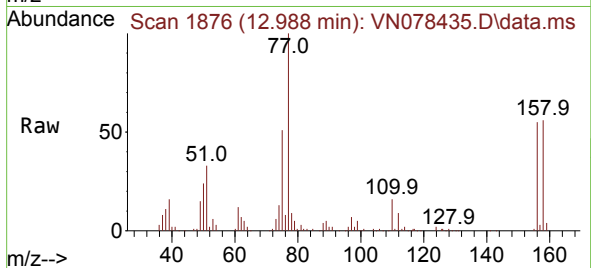
Tgt Ion:156 Resp: 97920

Ion Ratio Lower Upper

156 100

77 213.7 107.7 323.3

158 99.5 48.4 145.3



#78

n-propylbenzene

Concen: 19.348 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078435.D

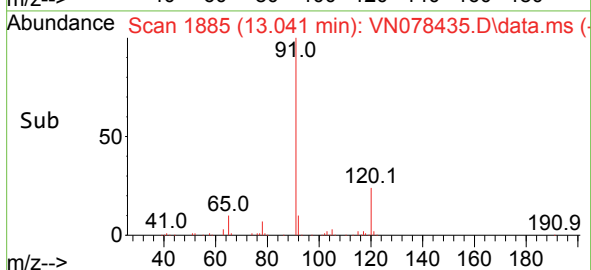
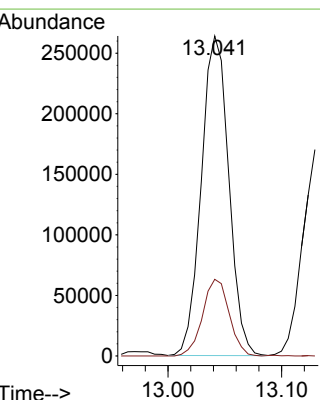
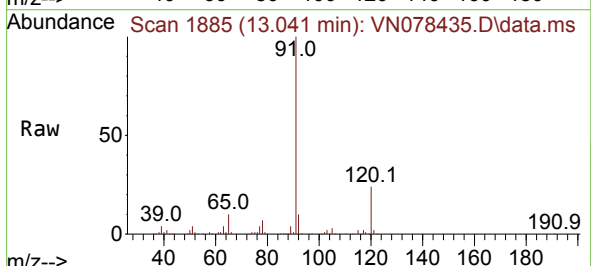
Acq: 28 Jun 2023 12:38

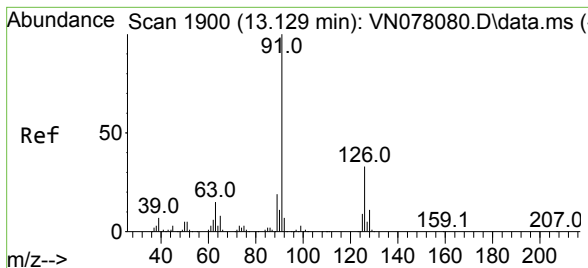
Tgt Ion: 91 Resp: 442829

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.851 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

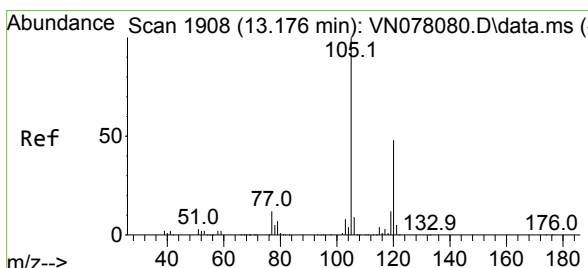
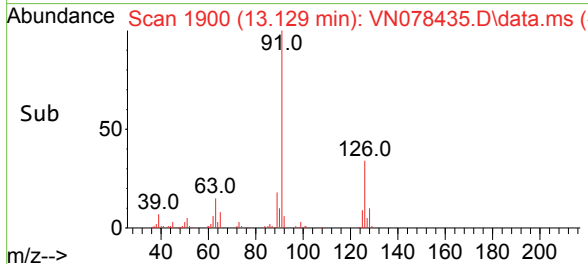
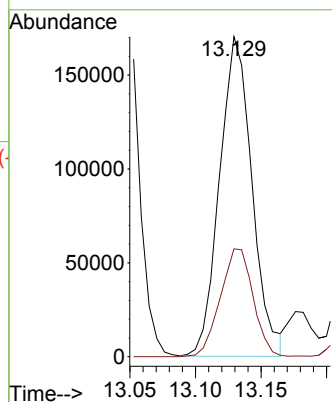
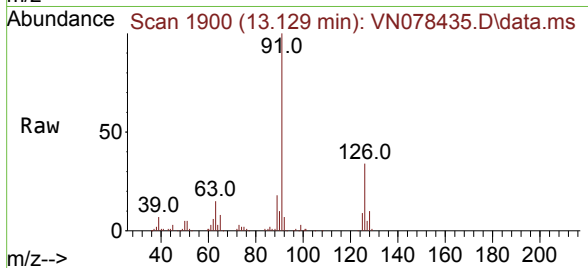
VN0628WBSD01

Tgt Ion: 91 Resp: 293279

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.431 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078435.D

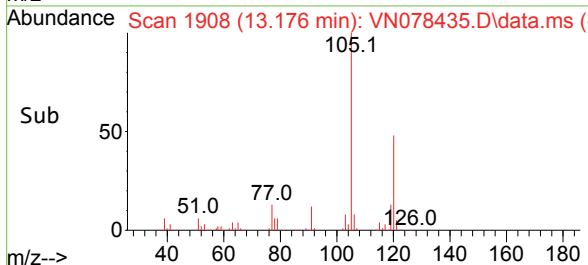
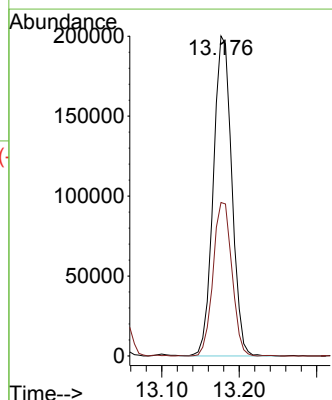
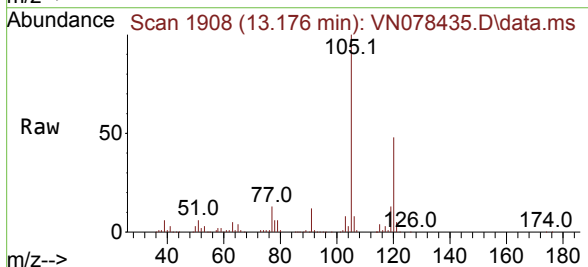
Acq: 28 Jun 2023 12:38

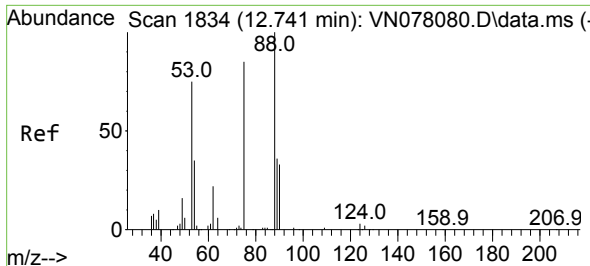
Tgt Ion: 105 Resp: 331395

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3

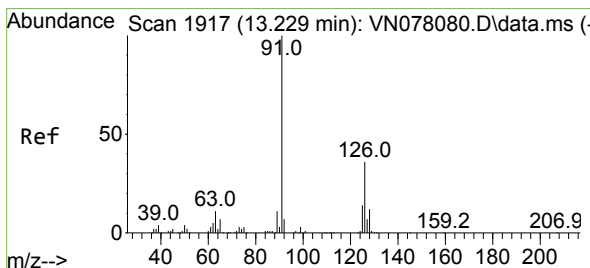
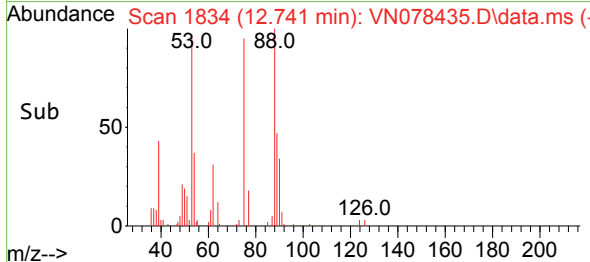
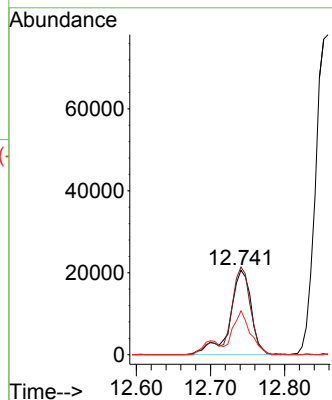
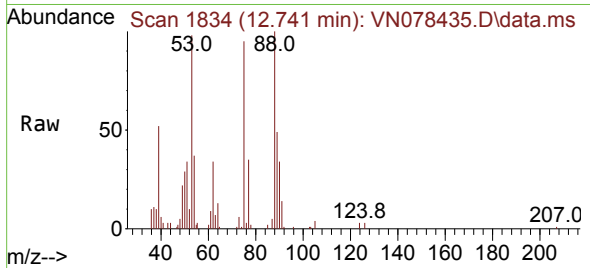




#81
trans-1,4-Dichloro-2-butene
Concen: 24.107 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

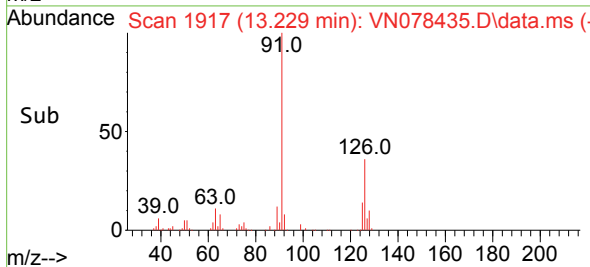
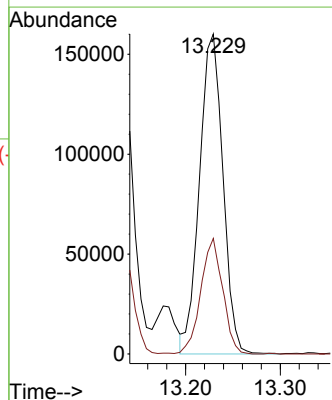
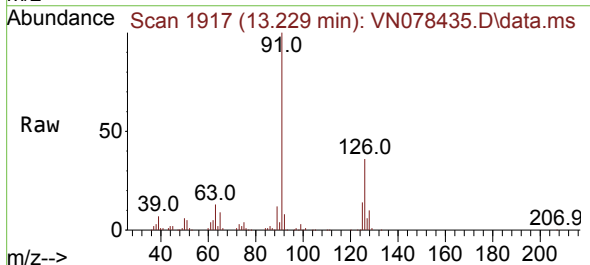
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

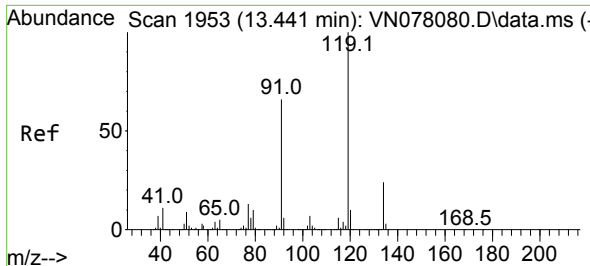
Tgt Ion: 75 Resp: 41322
Ion Ratio Lower Upper
75 100
53 89.0 67.4 101.2
89 42.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.949 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 91 Resp: 275062
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

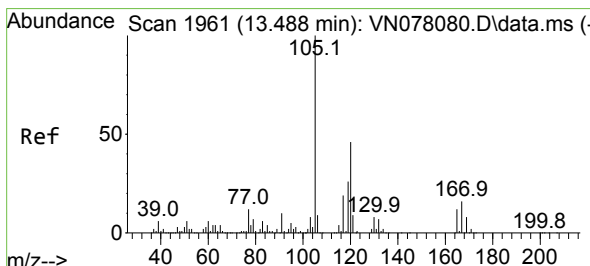
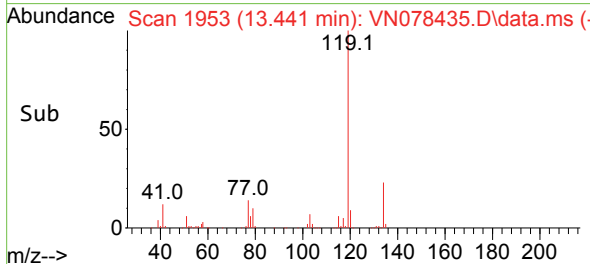
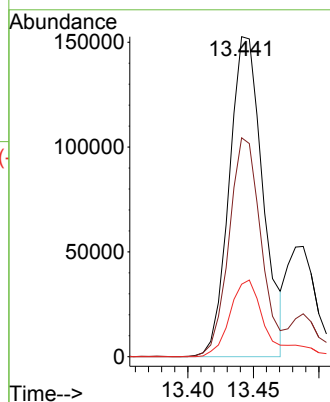
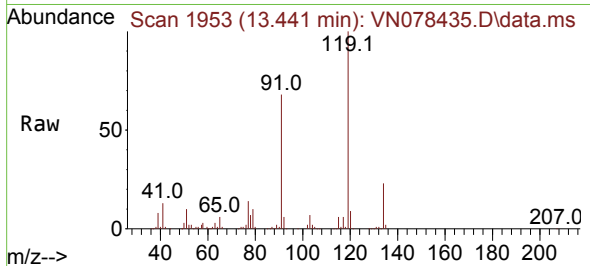




#83
tert-Butylbenzene
Concen: 18.354 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

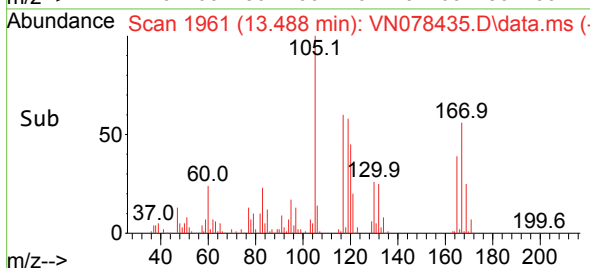
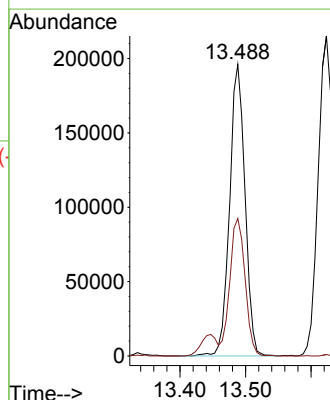
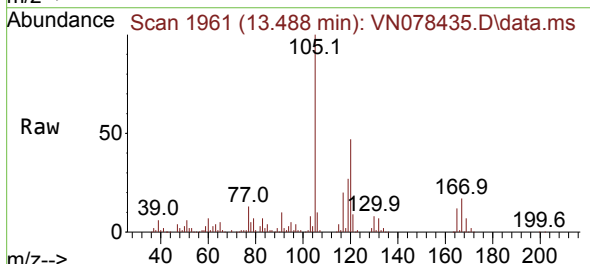
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

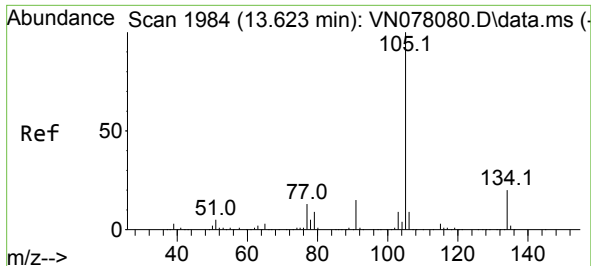
Tgt Ion:119 Resp: 272107
Ion Ratio Lower Upper
119 100
91 65.2 33.9 101.7
134 25.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.316 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion:105 Resp: 319391
Ion Ratio Lower Upper
105 100
120 47.1 22.0 66.0

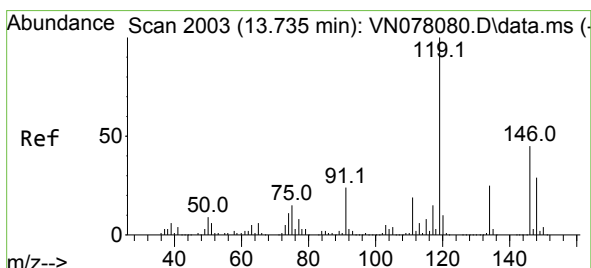
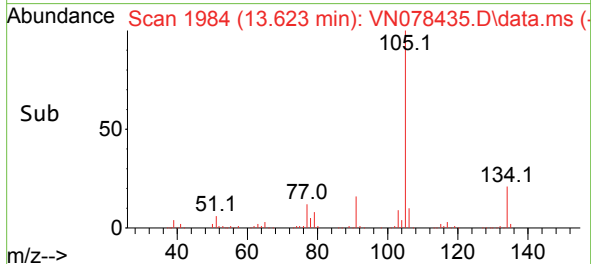
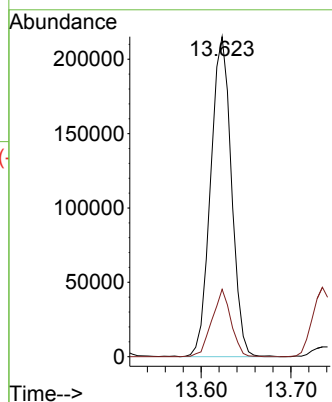
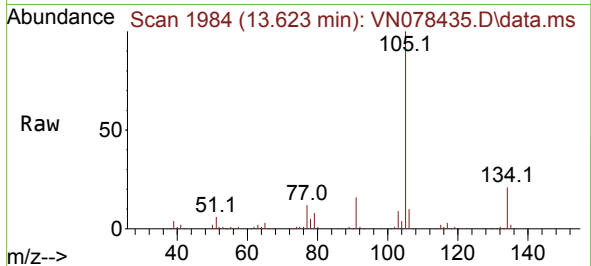




#85
 sec-Butylbenzene
 Concen: 17.807 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

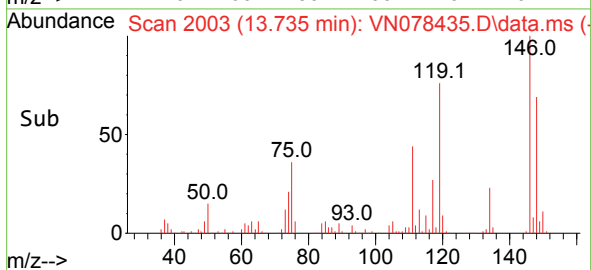
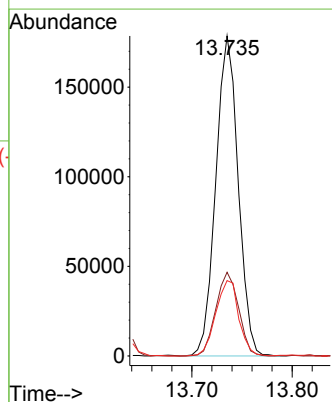
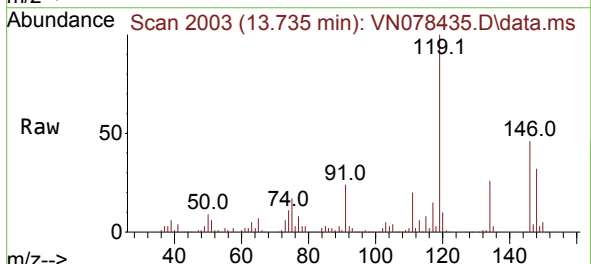
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

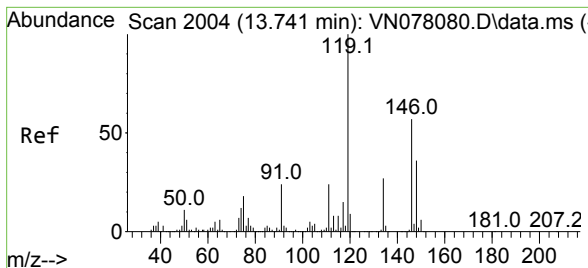
Tgt Ion:105 Resp: 345530
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.580 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078435.D
 Acq: 28 Jun 2023 12:38

Tgt Ion:119 Resp: 276821
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.881 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

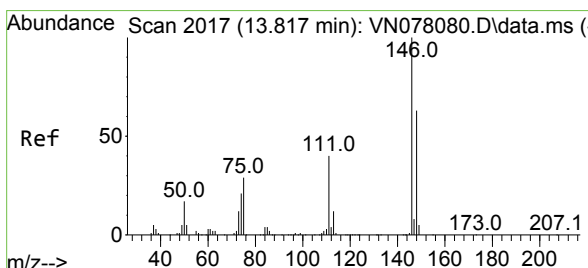
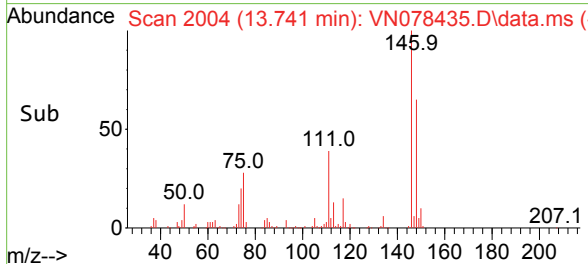
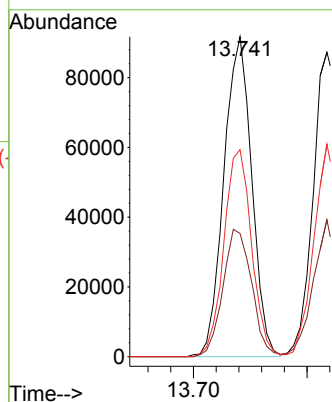
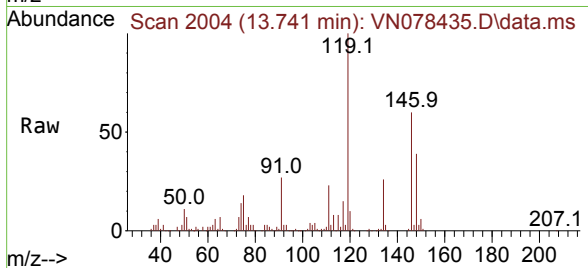
Tgt Ion:146 Resp: 156181

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 64.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.059 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

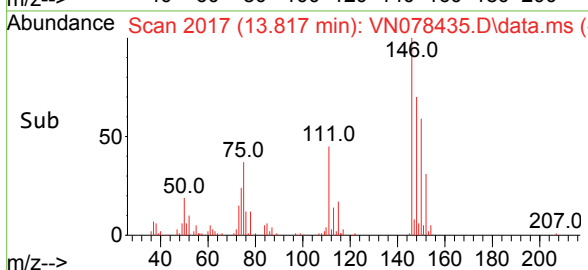
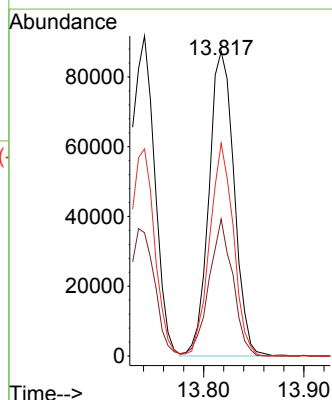
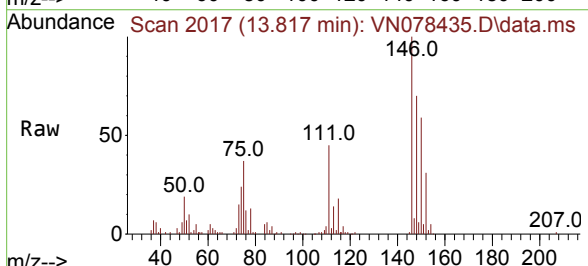
Tgt Ion:146 Resp: 152126

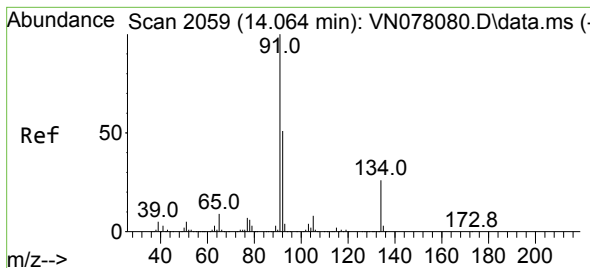
Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

148 66.1 31.6 94.8





#89

n-Butylbenzene

Concen: 16.272 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

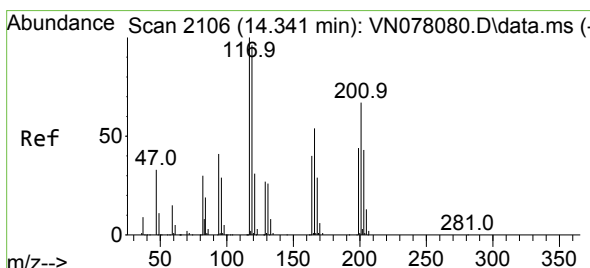
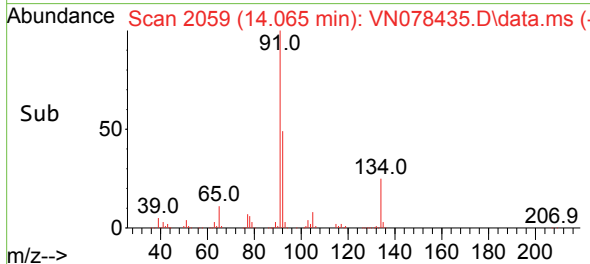
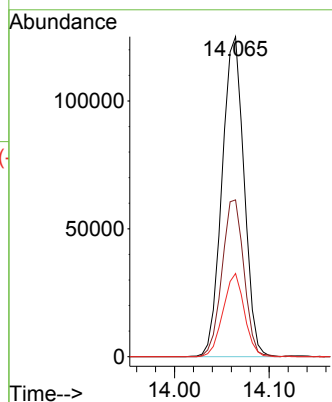
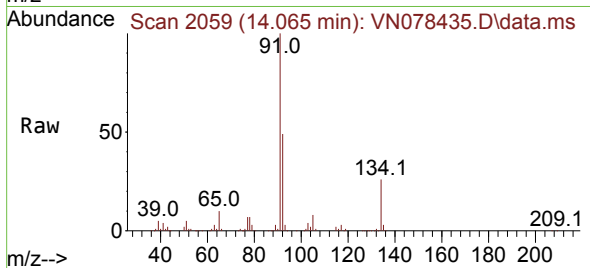
Tgt Ion: 91 Resp: 202104

Ion Ratio Lower Upper

91 100

92 49.0 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 19.615 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078435.D

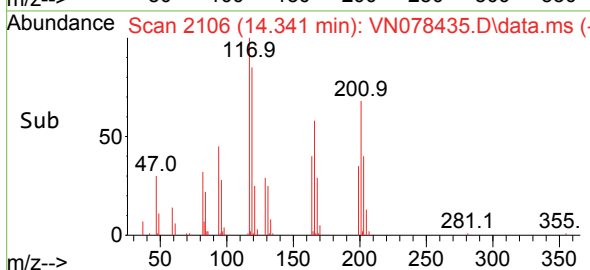
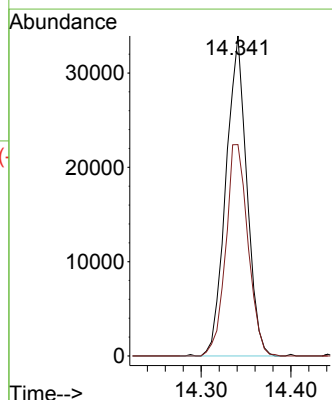
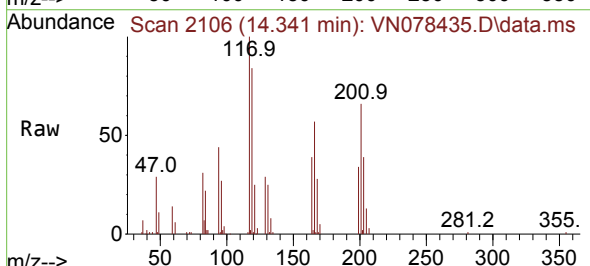
Acq: 28 Jun 2023 12:38

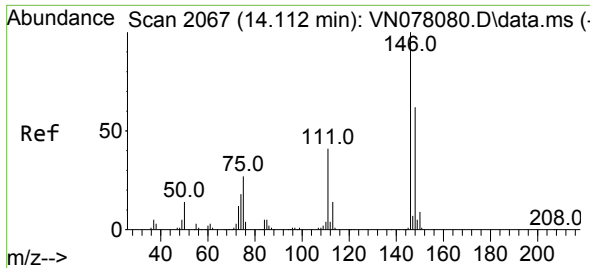
Tgt Ion: 117 Resp: 54813

Ion Ratio Lower Upper

117 100

201 70.3 29.3 88.0

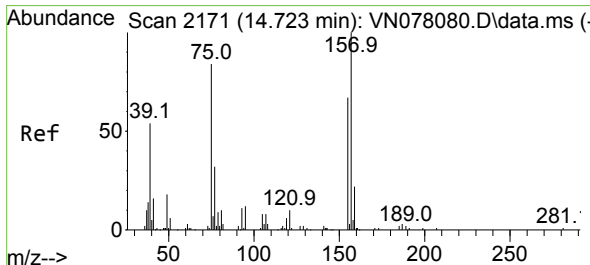
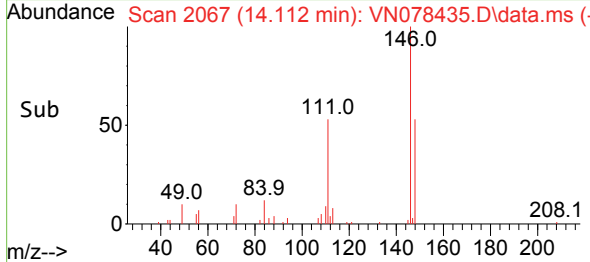
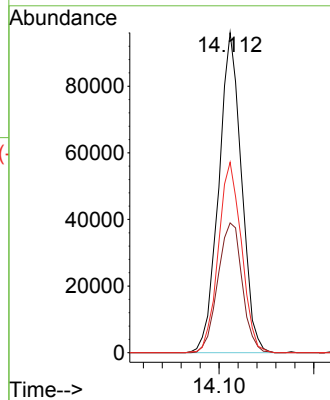
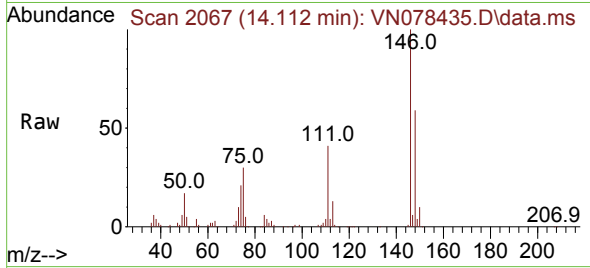




#91
1,2-Dichlorobenzene
Concen: 19.859 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

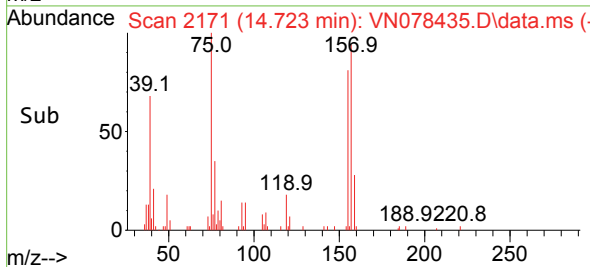
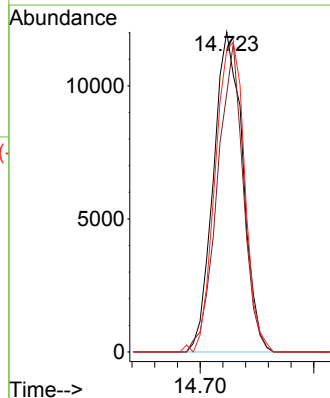
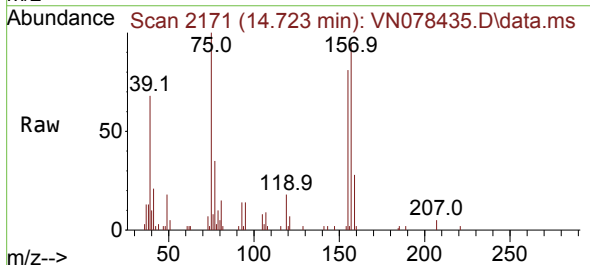
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

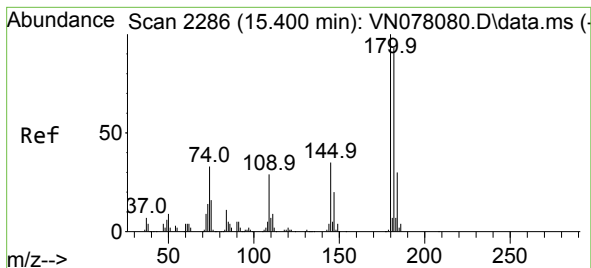
Tgt Ion:146 Resp: 160540
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 60.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.635 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078435.D
Acq: 28 Jun 2023 12:38

Tgt Ion: 75 Resp: 21531
Ion Ratio Lower Upper
75 100
155 84.9 39.1 117.2
157 97.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.506 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

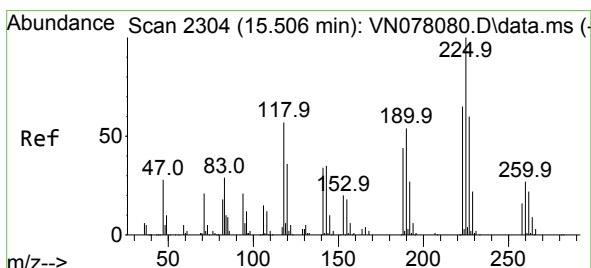
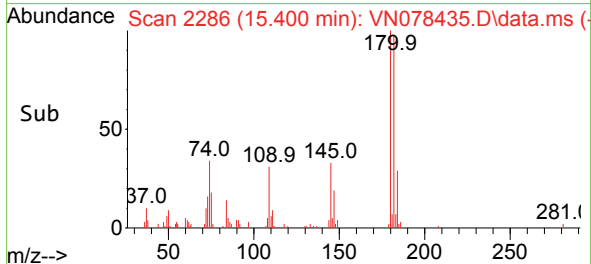
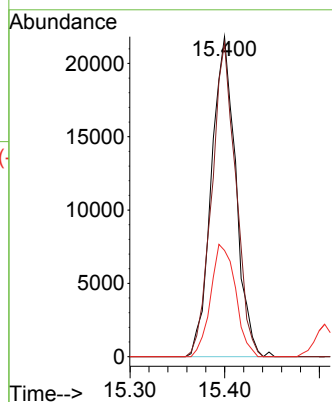
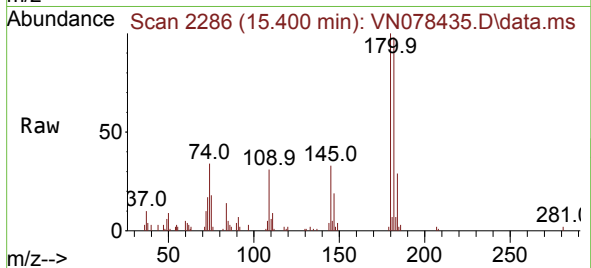
Tgt Ion:180 Resp: 38901

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 35.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.102 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

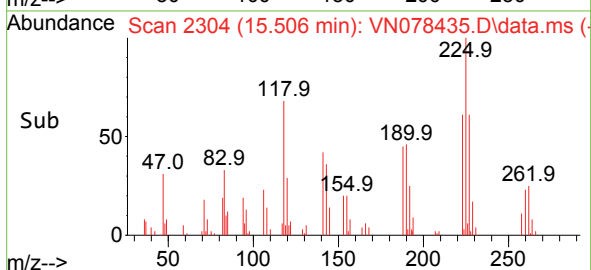
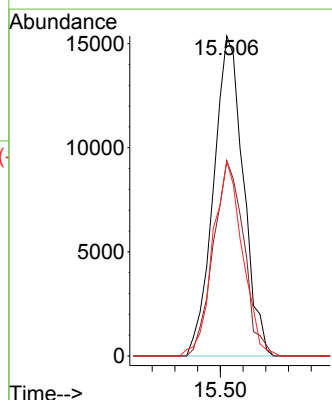
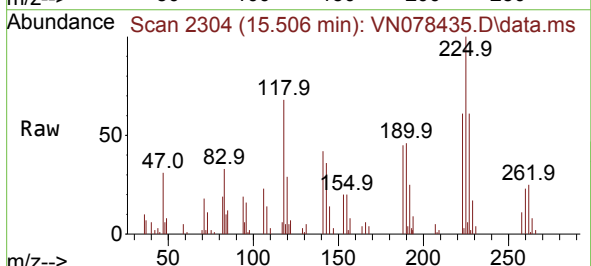
Tgt Ion:225 Resp: 27971

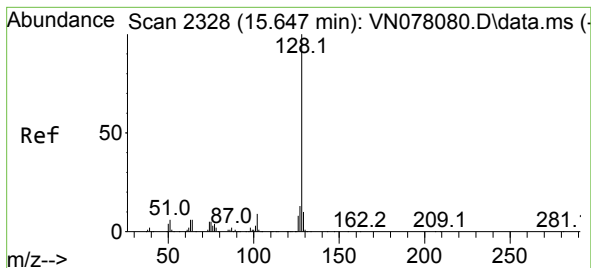
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 60.6 31.9 95.9





#95

Naphthalene

Concen: 13.197 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

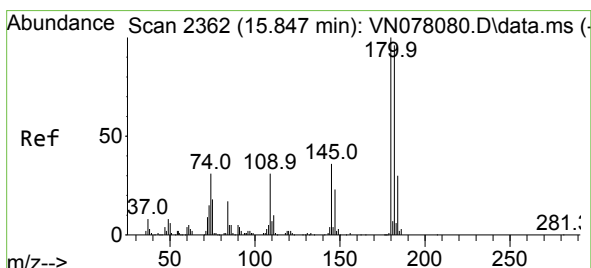
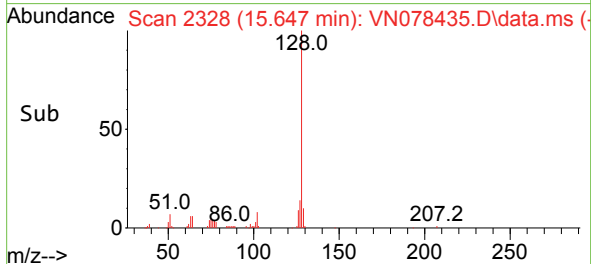
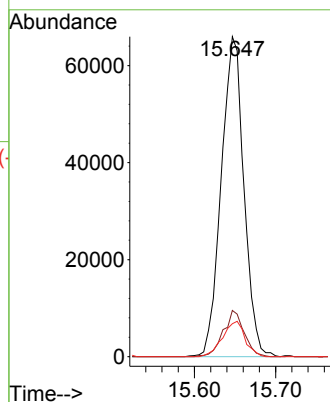
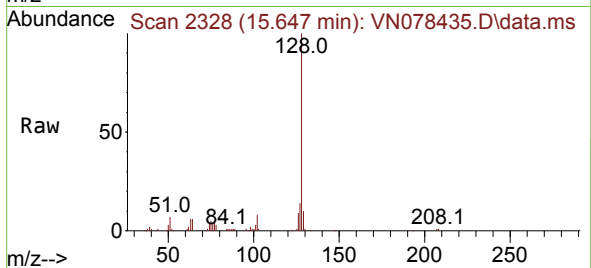
Tgt Ion:128 Resp: 127868

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.127 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078435.D

Acq: 28 Jun 2023 12:38

Tgt Ion:180 Resp: 48730

Ion Ratio Lower Upper

180 100

182 95.6 46.2 138.6

145 33.3 17.5 52.6

