

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080430.D
 Acq On : 12 Dec 2023 10:09
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 01:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	328503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	516209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	433592	103.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 206.680%#	
35) Dibromofluoromethane	8.165	113	339846	103.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 207.660%#	
50) Toluene-d8	10.565	98	1259910	103.216	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 206.440%#	
62) 4-Bromofluorobenzene	12.847	95	464262	100.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 200.320%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	430257	102.491	ug/l	98
3) Chloromethane	2.359	50	449975	99.983	ug/l	98
4) Vinyl Chloride	2.512	62	368288	102.726	ug/l	98
5) Bromomethane	2.942	94	147812	91.447	ug/l	97
6) Chloroethane	3.118	64	218960	94.985	ug/l	100
7) Trichlorofluoromethane	3.495	101	732248	100.701	ug/l	100
8) Diethyl Ether	3.953	74	234367	102.327	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	350404	101.668	ug/l	95
10) Methyl Iodide	4.583	142	314730	103.818	ug/l	94
11) Tert butyl alcohol	5.500	59	228464	462.345	ug/l	99
12) 1,1-Dichloroethene	4.336	96	348347	98.641	ug/l	87
13) Acrolein	4.171	56	253194	467.878	ug/l	96
14) Allyl chloride	5.018	41	438304	100.314	ug/l	97
15) Acrylonitrile	5.712	53	693371	496.604	ug/l	99
16) Acetone	4.412	43	423781	569.635	ug/l	99
17) Carbon Disulfide	4.706	76	981896	98.109	ug/l	100
18) Methyl Acetate	5.012	43	475638	99.362	ug/l	96
19) Methyl tert-butyl Ether	5.783	73	1193407	101.289	ug/l	100
20) Methylene Chloride	5.271	84	382831	96.156	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	379996	99.237	ug/l	86
22) Diisopropyl ether	6.665	45	940841	99.768	ug/l	94
23) Vinyl Acetate	6.594	43	2721338	502.448	ug/l	94
24) 1,1-Dichloroethane	6.565	63	652973	99.244	ug/l	99
25) 2-Butanone	7.477	43	715577	499.300	ug/l	94
26) 2,2-Dichloropropane	7.488	77	676625	100.571	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	429222	99.027	ug/l	91
28) Bromochloromethane	7.812	49	254625	100.794	ug/l	100
29) Tetrahydrofuran	7.830	42	475699	463.526	ug/l	93
30) Chloroform	7.965	83	723324	99.041	ug/l	95
31) Cyclohexane	8.253	56	523124	91.683	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	709989	99.289	ug/l	95
36) 1,1-Dichloropropene	8.371	75	545357	101.907	ug/l	96
37) Ethyl Acetate	7.553	43	324151	96.729	ug/l	98
38) Carbon Tetrachloride	8.359	117	647260	101.222	ug/l	100
39) Methylcyclohexane	9.600	83	560387	100.800	ug/l	92
40) Benzene	8.600	78	1522301	98.509	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	193703	100.263	ug/l	93
42) 1,2-Dichloroethane	8.671	62	568483	99.341	ug/l	97
43) Isopropyl Acetate	8.682	43	591856	98.226	ug/l	98
44) Trichloroethene	9.347	130	410669	98.576	ug/l	96
45) 1,2-Dichloropropane	9.618	63	356209	98.143	ug/l	96
46) Dibromomethane	9.706	93	254142	97.504	ug/l #	88
47) Bromodichloromethane	9.888	83	573866	102.729	ug/l	98
48) Methyl methacrylate	9.676	41	347112	96.535	ug/l	91
49) 1,4-Dioxane	9.694	88	96786	1775.850	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	1554412	468.414	ug/l	100
52) Toluene	10.629	92	964075	98.754	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	626259	103.617	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	654284	101.280	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	342914	97.621	ug/l	98
56) Ethyl methacrylate	10.871	69	390029	100.289	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	599568	97.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1272140	518.148	ug/l	98
59) 2-Hexanone	11.194	43	1126146	459.681	ug/l	99
60) Dibromochloromethane	11.359	129	422300	101.455	ug/l	99
61) 1,2-Dibromoethane	11.470	107	354958	97.635	ug/l	100
64) Tetrachloroethene	11.106	164	342937	99.353	ug/l	98
65) Chlorobenzene	11.888	112	1009494	101.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	394454	101.084	ug/l	94
67) Ethyl Benzene	11.965	91	1867062	102.102	ug/l	97
68) m/p-Xylenes	12.070	106	1376834	203.759	ug/l	90
69) o-Xylene	12.400	106	661429	100.076	ug/l	91
70) Styrene	12.412	104	996973	104.722	ug/l	94
71) Bromoform	12.576	173	281108	98.784	ug/l #	100
73) Isopropylbenzene	12.694	105	1742354	100.880	ug/l	98
74) N-amyl acetate	12.494	43	495915	98.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	420007	90.751	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	600793	128.222	ug/l	81
77) Bromobenzene	12.982	156	413515	97.325	ug/l	96
78) n-propylbenzene	13.035	91	1963676	103.118	ug/l	99
79) 2-Chlorotoluene	13.123	91	1236736	99.477	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	1501161	100.917	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	156544	95.827	ug/l #	80
82) 4-Chlorotoluene	13.223	91	1279689	100.141	ug/l	95
83) tert-Butylbenzene	13.441	119	1225938	100.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1512848	102.232	ug/l	98
85) sec-Butylbenzene	13.617	105	1587954	101.899	ug/l	100
86) p-Isopropyltoluene	13.729	119	1458653	103.665	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	738578	98.663	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	740158	97.950	ug/l	98
89) n-Butylbenzene	14.059	91	1241601	105.663	ug/l	99
90) Hexachloroethane	14.335	117	229479	102.692	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	685502	96.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	91057	93.537	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	406138	102.905	ug/l	97
94) Hexachlorobutadiene	15.500	225	204180	90.873	ug/l	99
95) Naphthalene	15.641	128	1196707	99.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	384410	100.933	ug/l	98

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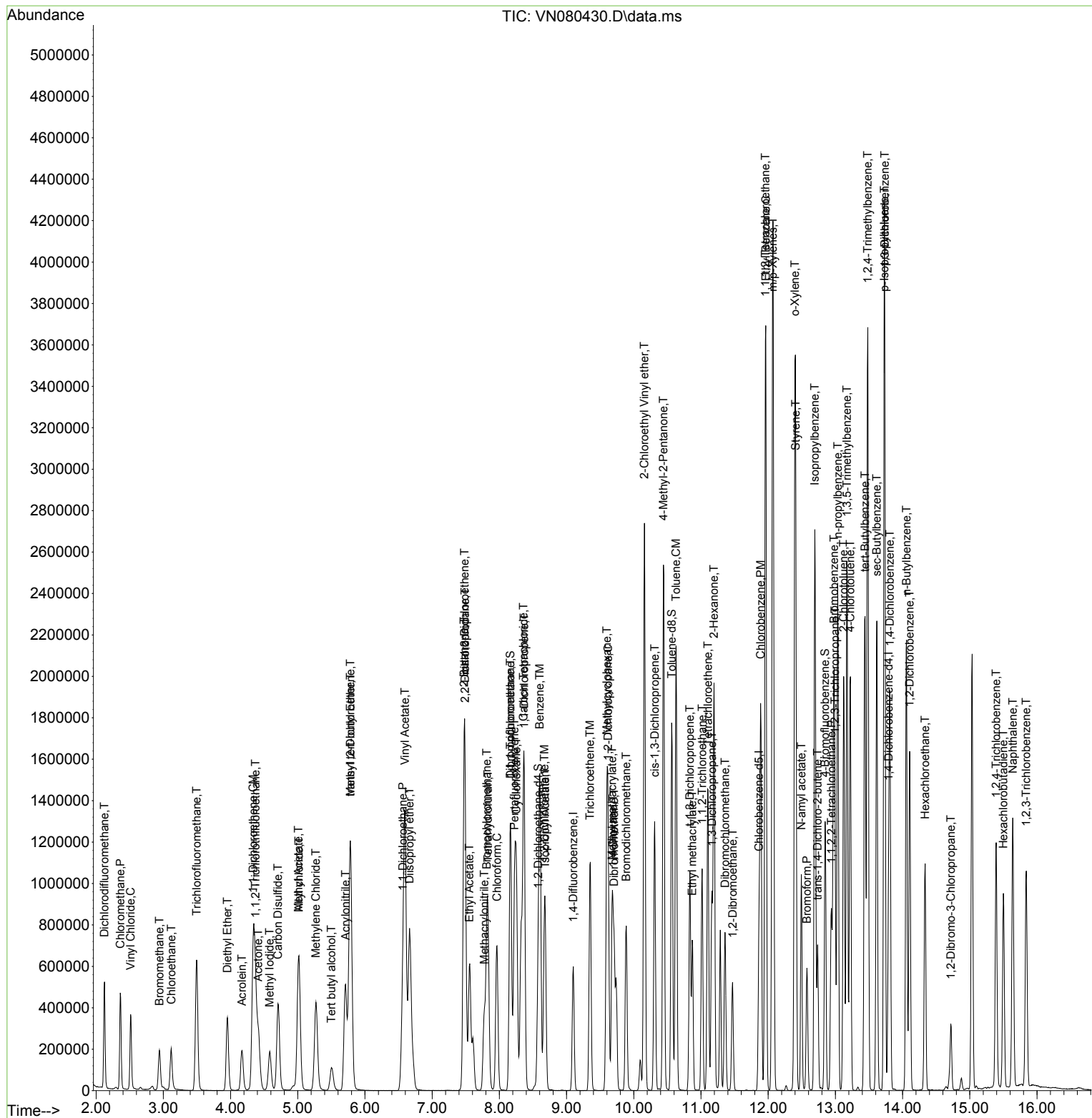
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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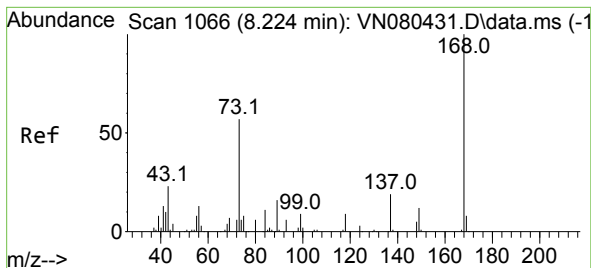
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080430.D

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Instrument :

MSVOA_N

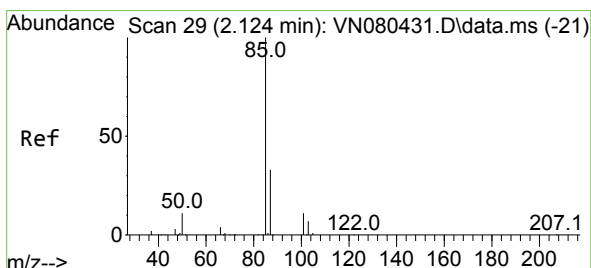
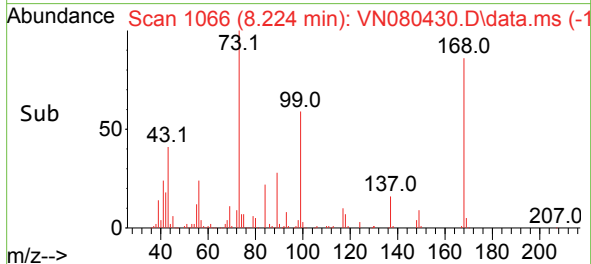
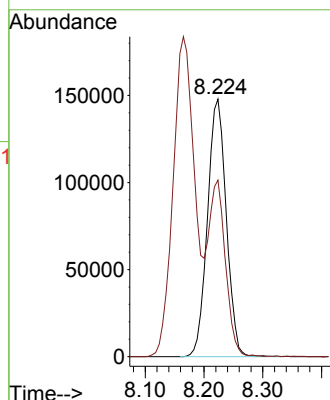
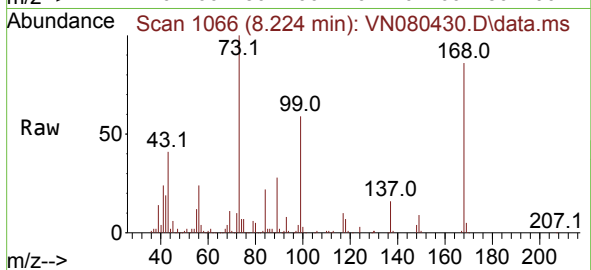
ClientSampleId :

Tgt Ion:168 Resp: 328503

Ion Ratio Lower Upper

168 100

99 68.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 102.491 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080430.D

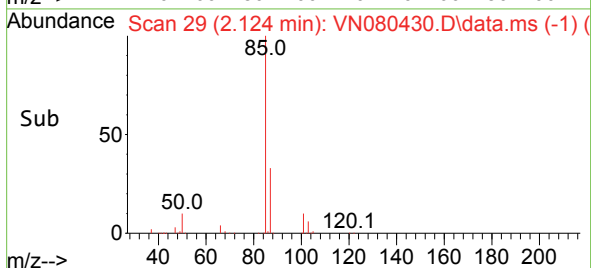
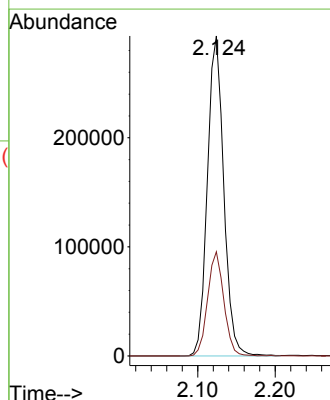
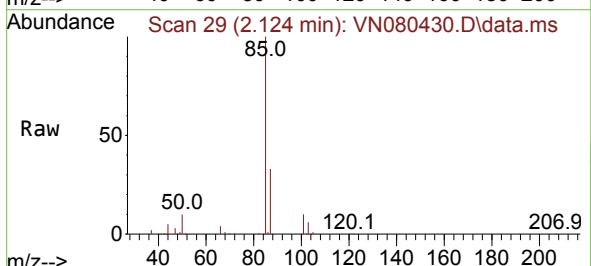
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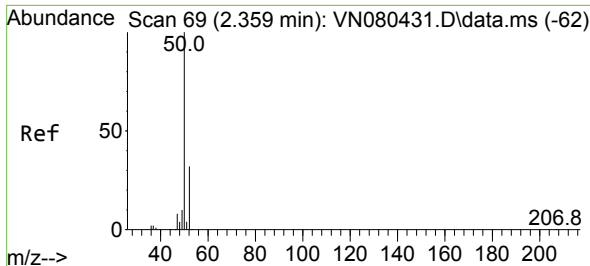
Tgt Ion: 85 Resp: 430257

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4

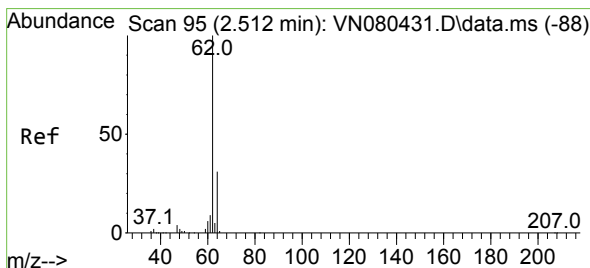
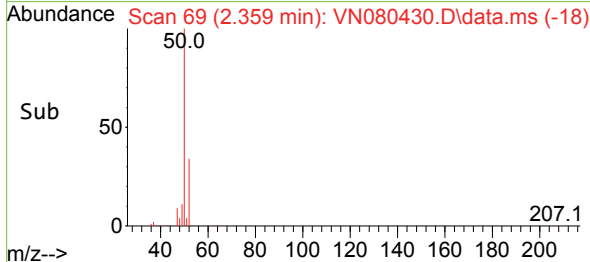
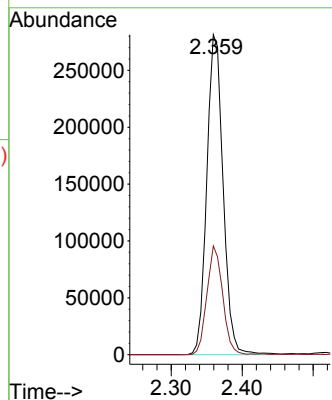
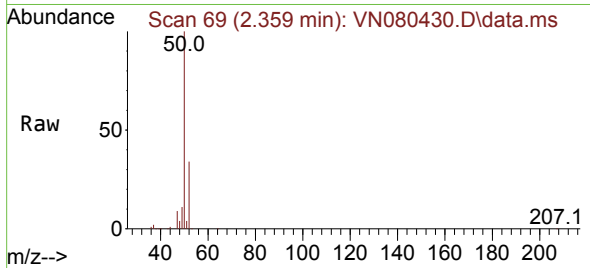




#3
Chloromethane
Concen: 99.983 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080430.D
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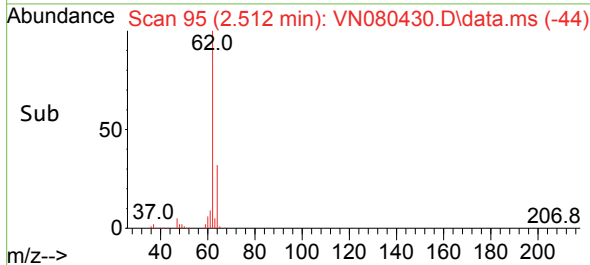
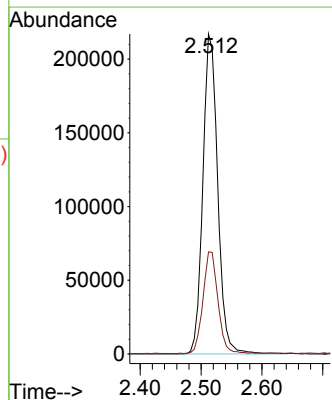
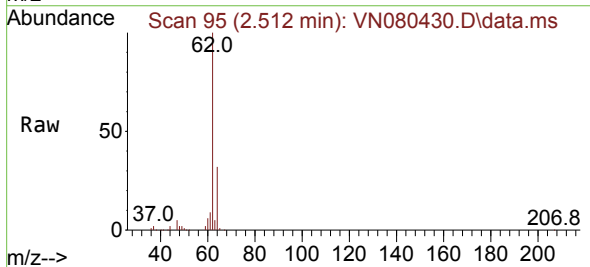
Instrument :
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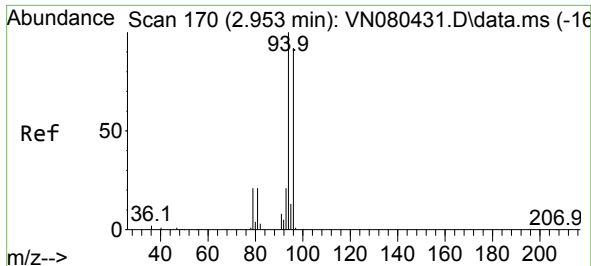
Tgt Ion: 50 Resp: 449975
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 102.726 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 62 Resp: 368288
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

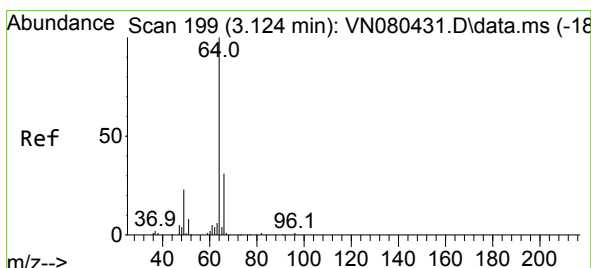
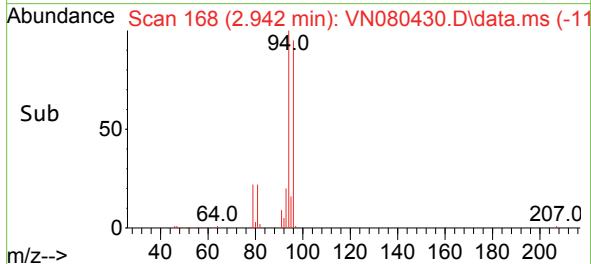
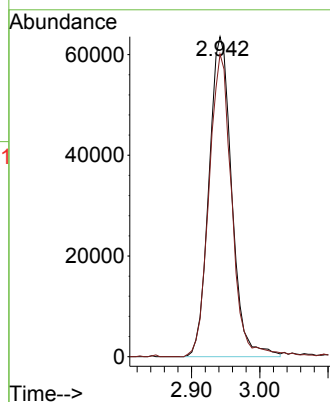
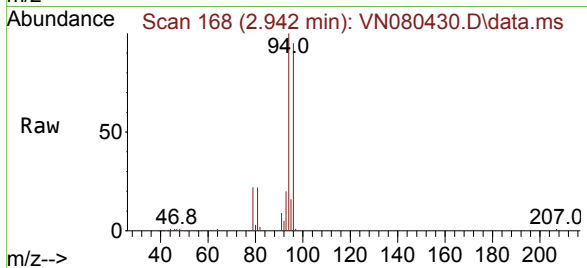




#5
Bromomethane
Concen: 91.447 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN080430.D
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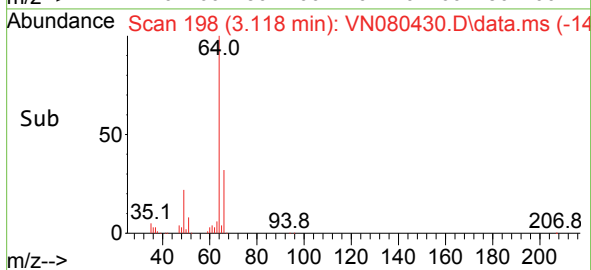
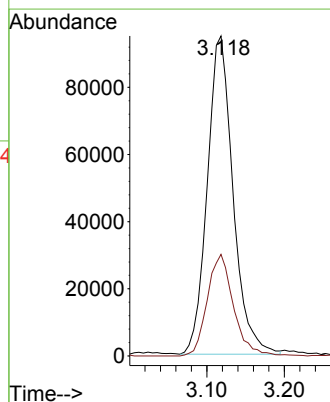
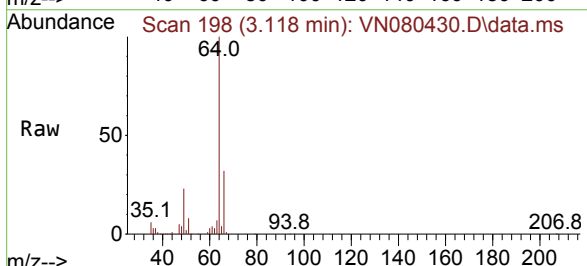
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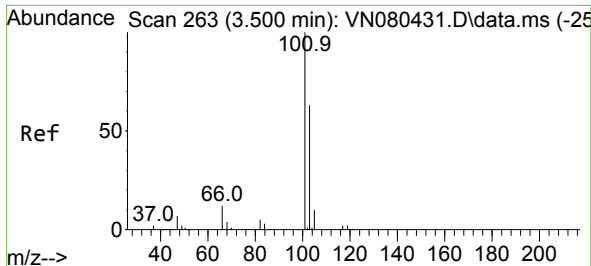
Tgt Ion: 94 Resp: 147812
Ion Ratio Lower Upper
94 100
96 94.5 73.1 109.7



#6
Chloroethane
Concen: 94.985 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 64 Resp: 218960
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

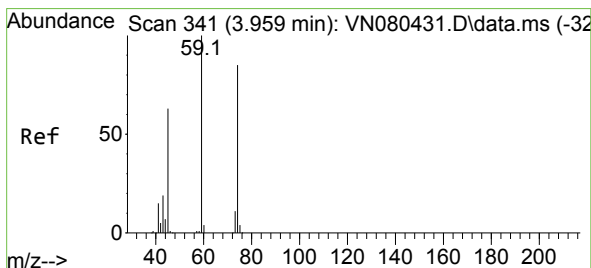
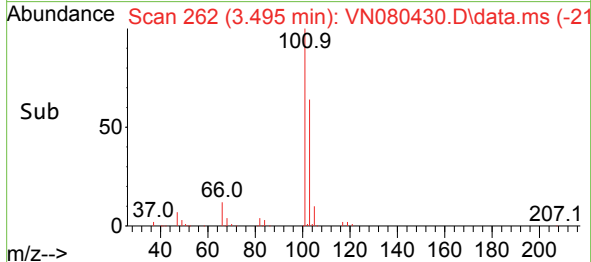
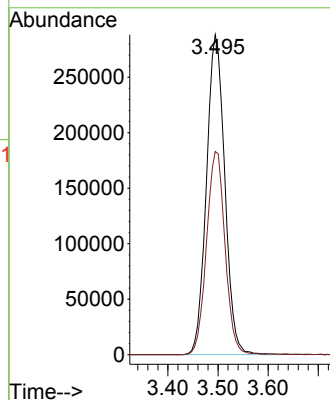
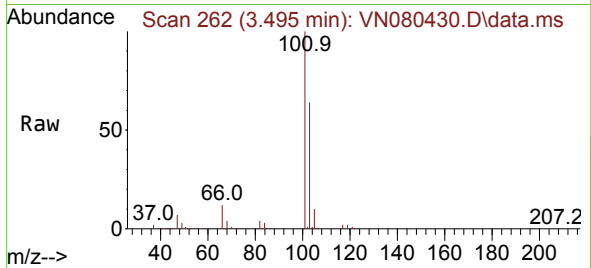




#7
Trichlorofluoromethane
Concen: 100.701 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

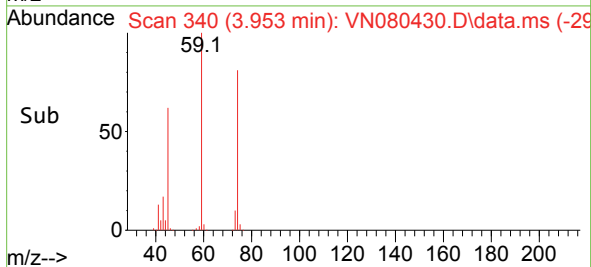
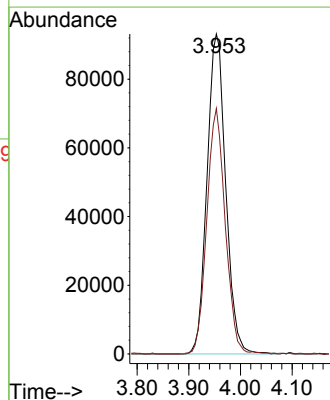
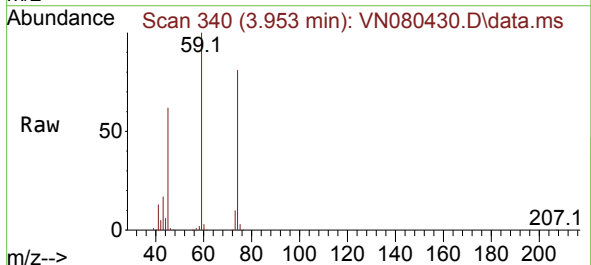
Instrument :
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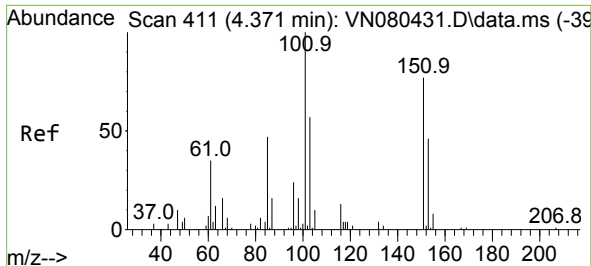
Tgt Ion:101 Resp: 732248
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1



#8
Diethyl Ether
Concen: 102.327 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080430.D
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Tgt Ion: 74 Resp: 234367
Ion Ratio Lower Upper
74 100
45 75.6 34.4 103.3

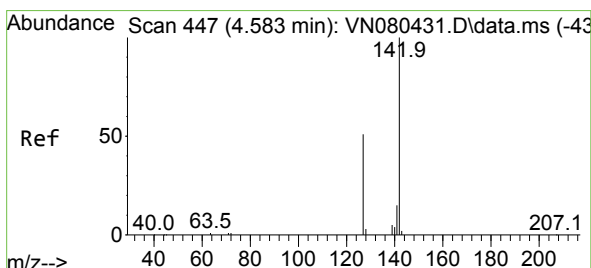
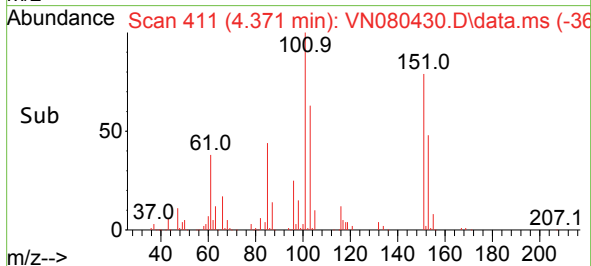
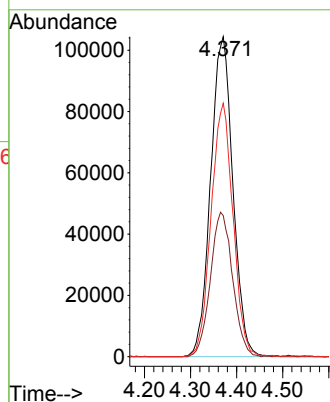
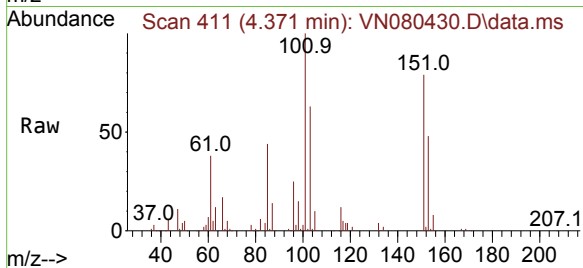




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.668 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

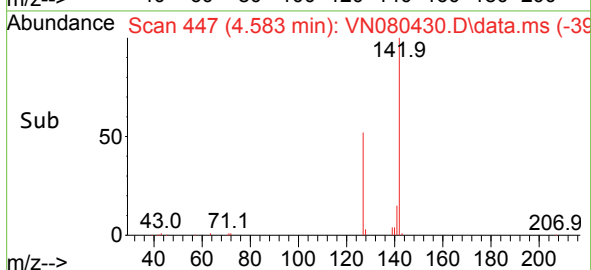
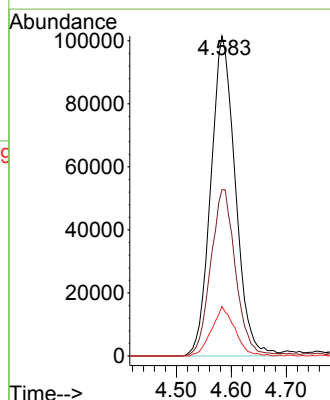
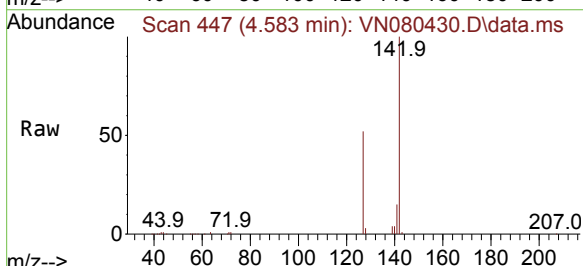
Instrument :
MSVOA_N
ClientSampleId :

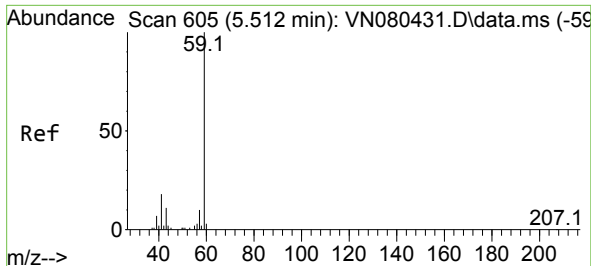
Tgt Ion:101 Resp: 350404
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.2 57.6 86.4



#10
Methyl Iodide
Concen: 103.818 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:142 Resp: 314730
Ion Ratio Lower Upper
142 100
127 51.9 37.6 56.4
141 15.5 11.4 17.0

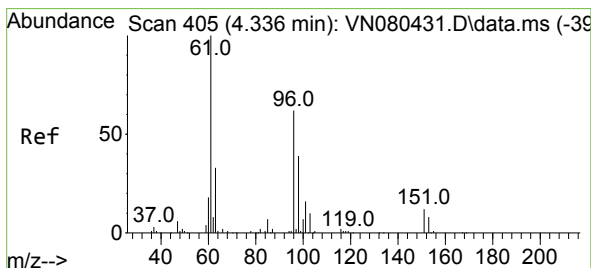
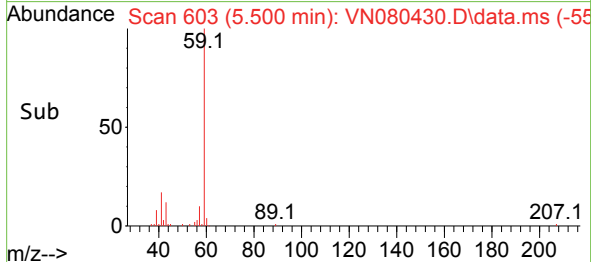
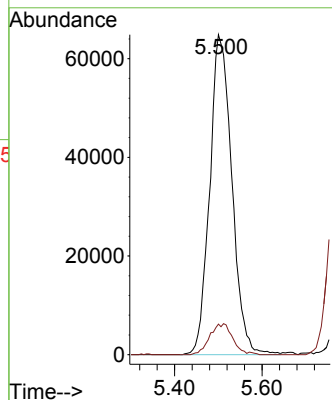
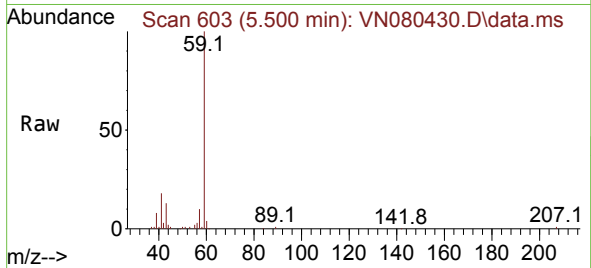




#11
Tert butyl alcohol
Concen: 462.345 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

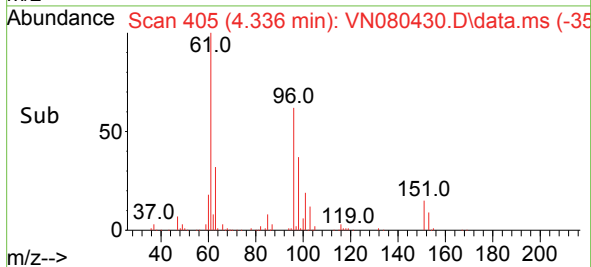
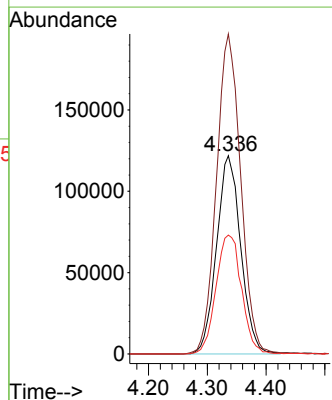
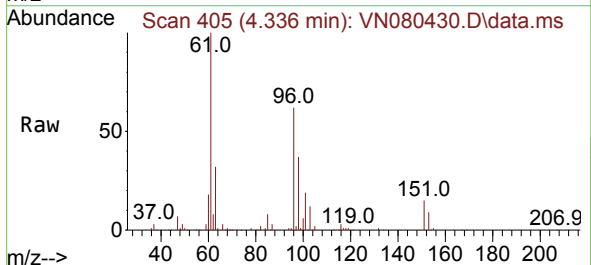
Instrument :
MSVOA_N
ClientSampleId :

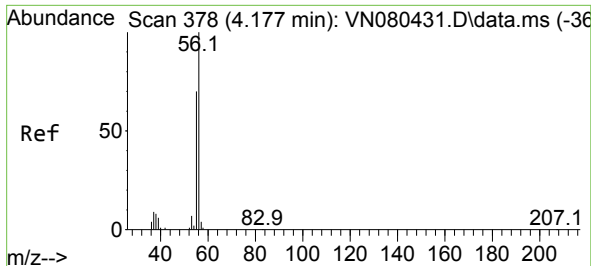
Tgt Ion: 59 Resp: 228464
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 98.641 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 96 Resp: 348347
Ion Ratio Lower Upper
96 100
61 161.4 112.7 169.1
98 60.0 51.2 76.8

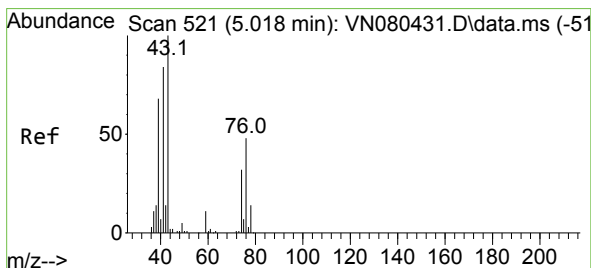
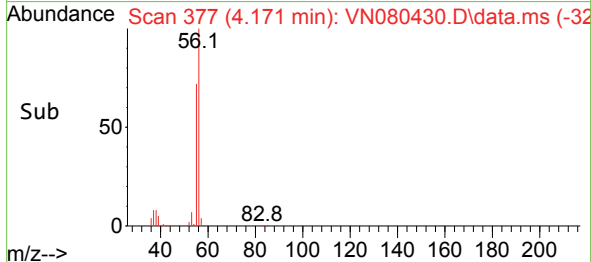
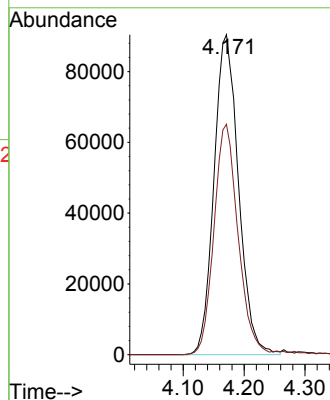
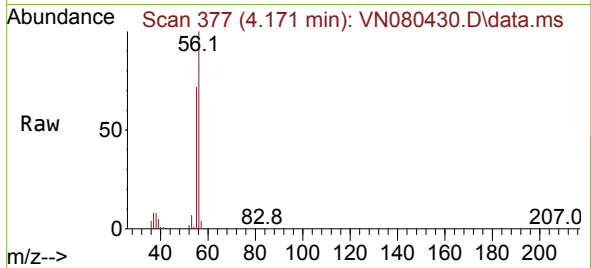




#13
Acrolein
Concen: 467.878 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

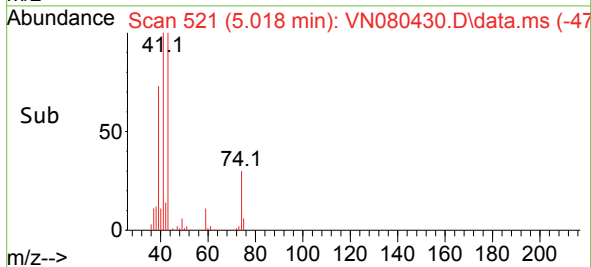
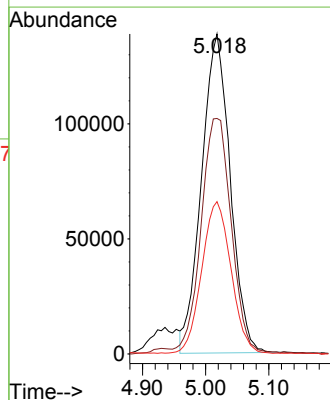
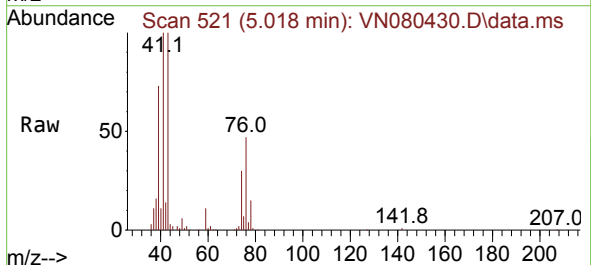
Instrument :
MSVOA_N
ClientSampleId :

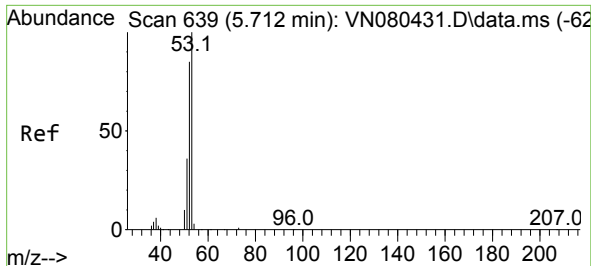
Tgt Ion: 56 Resp: 253194
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7



#14
Allyl chloride
Concen: 100.314 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 41 Resp: 438304
Ion Ratio Lower Upper
41 100
39 77.3 58.8 88.2
76 48.3 39.1 58.7

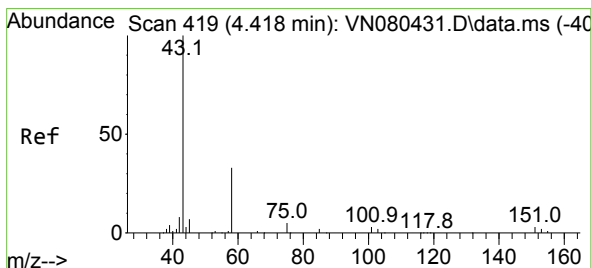
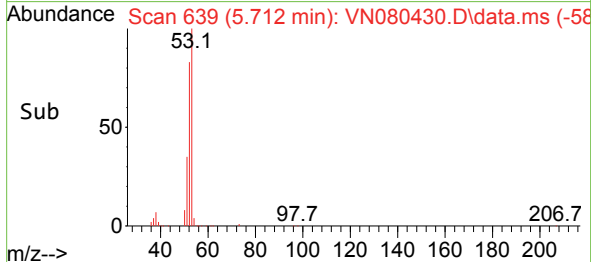
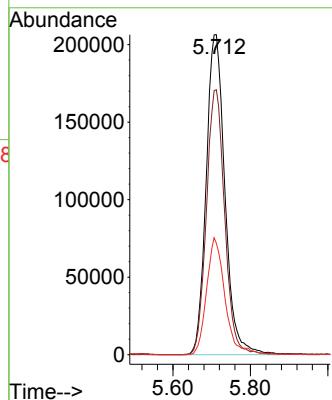
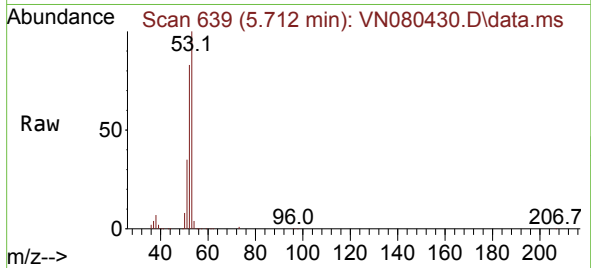




#15
Acrylonitrile
Concen: 496.604 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

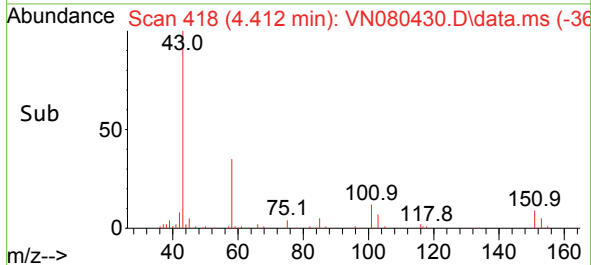
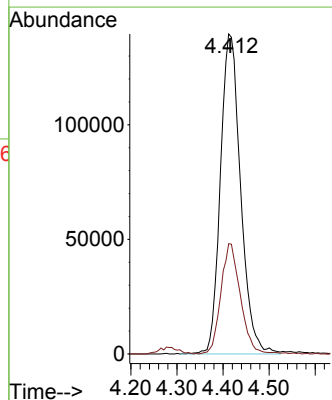
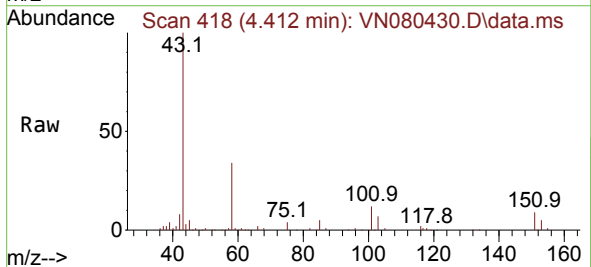
Instrument :
MSVOA_N
ClientSampleId :

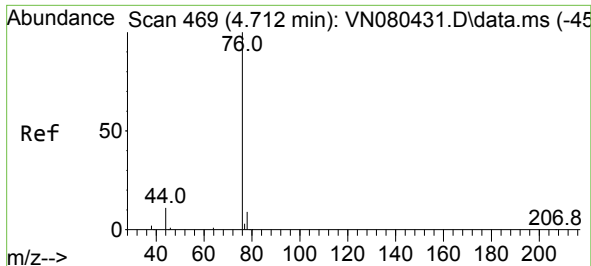
Tgt Ion: 53 Resp: 693371
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 569.635 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 43 Resp: 423781
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

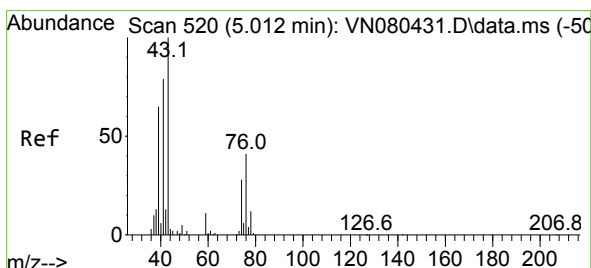
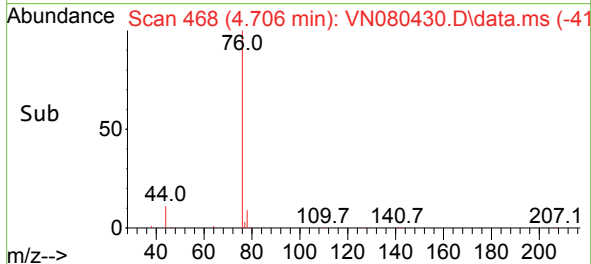
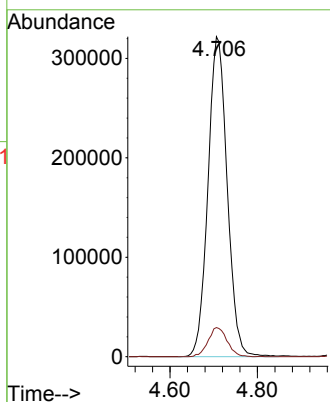
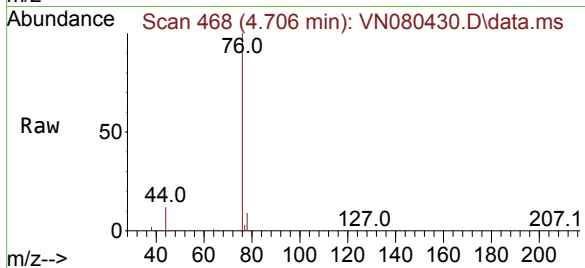




#17
Carbon Disulfide
Concen: 98.109 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

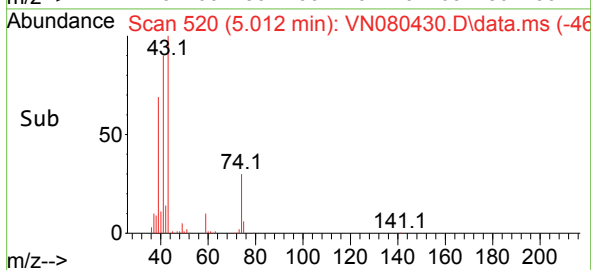
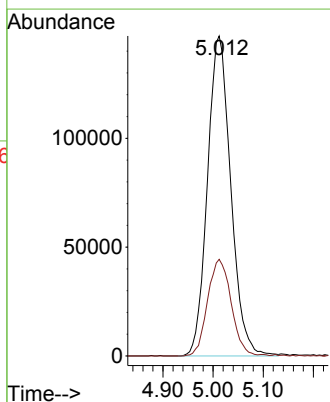
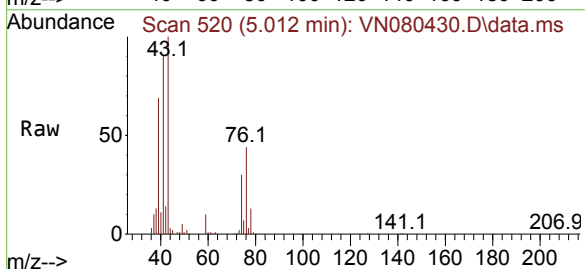
Instrument :
MSVOA_N
ClientSampleId :

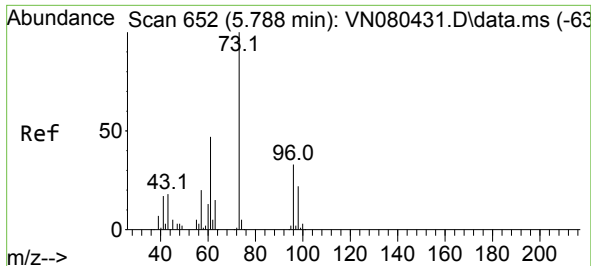
Tgt Ion: 76 Resp: 981896
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 99.362 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 43 Resp: 475638
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4

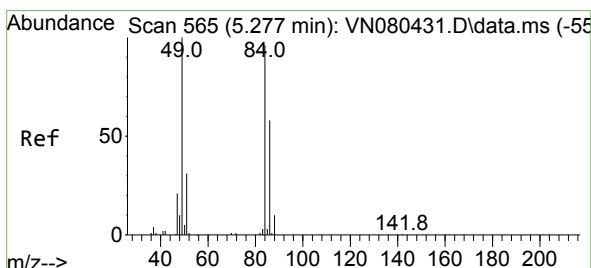
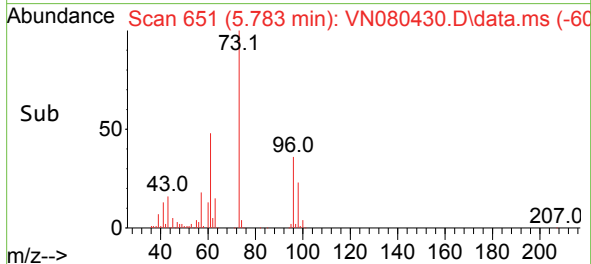
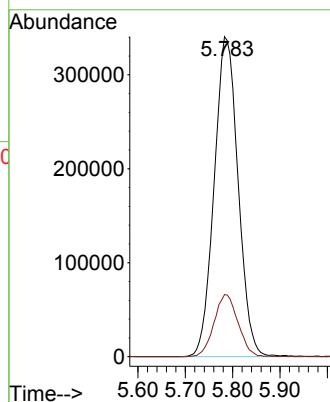
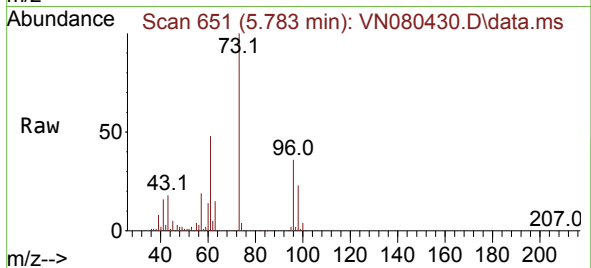




#19
Methyl tert-butyl Ether
Concen: 101.289 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

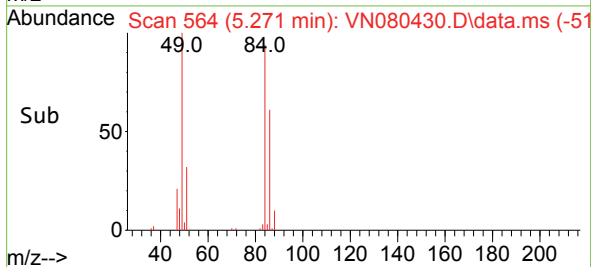
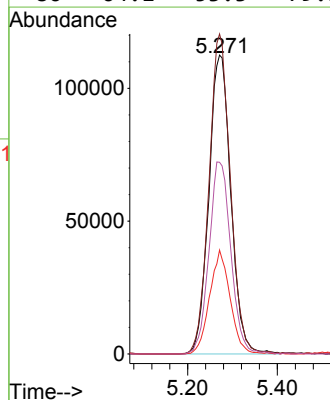
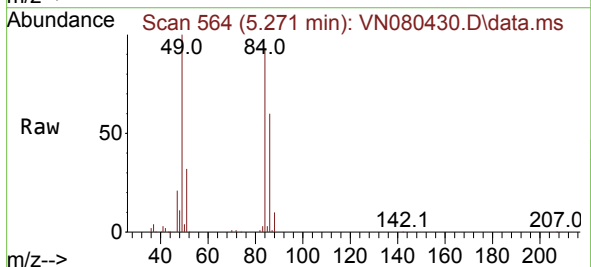
Instrument :
MSVOA_N
ClientSampleId :

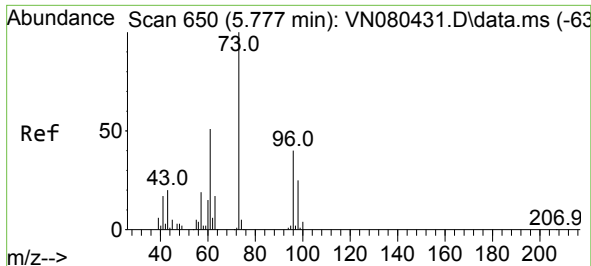
Tgt Ion: 73 Resp: 1193407
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4



#20
Methylene Chloride
Concen: 96.156 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 84 Resp: 382831
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 34.7 25.2 37.8
86 64.1 53.3 79.9

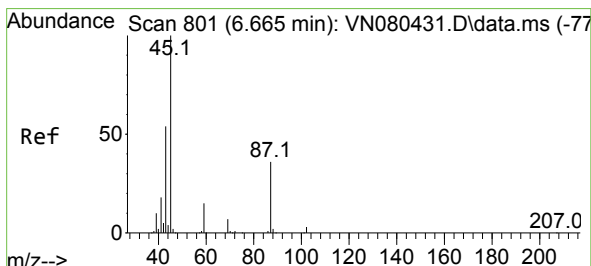
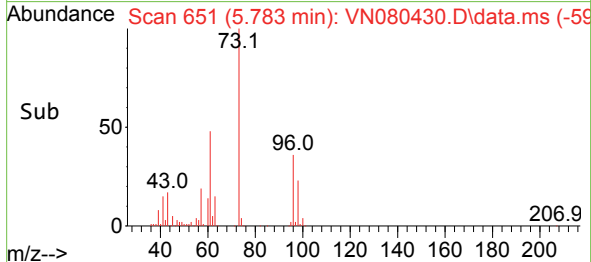
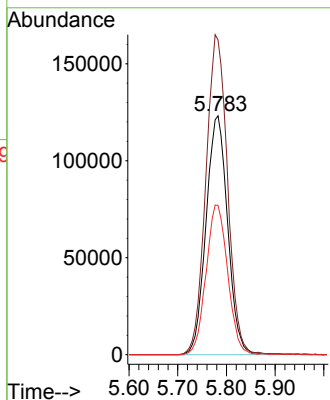
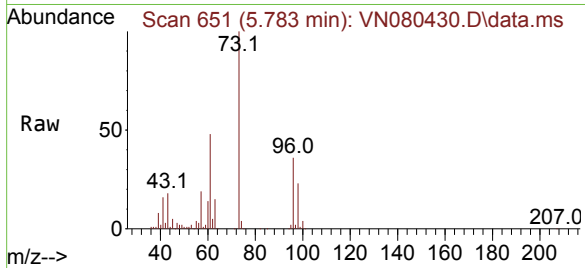




#21
trans-1,2-Dichloroethene
Concen: 99.237 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

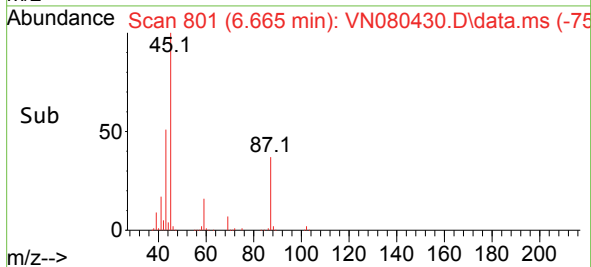
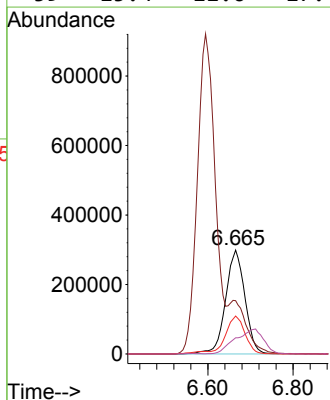
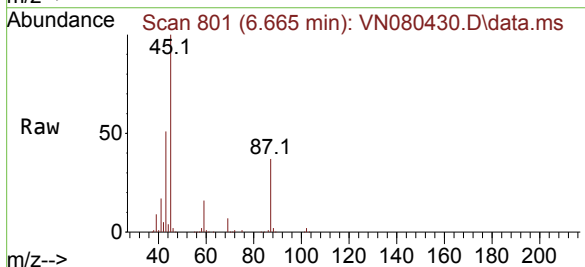
Instrument :
MSVOA_N
ClientSampleId :

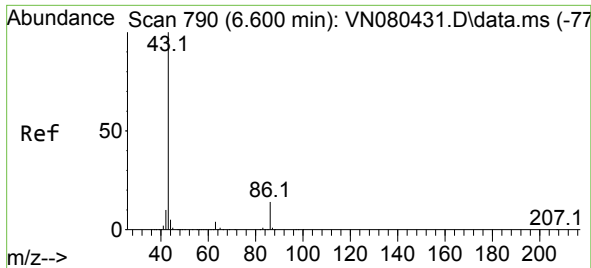
Tgt Ion: 96 Resp: 379996
Ion Ratio Lower Upper
96 100
61 131.7 90.1 135.1
98 62.5 46.4 69.6



#22
Diisopropyl ether
Concen: 99.768 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 45 Resp: 940841
Ion Ratio Lower Upper
45 100
43 50.8 45.5 68.3
87 36.5 31.8 47.8
59 15.4 11.6 17.4

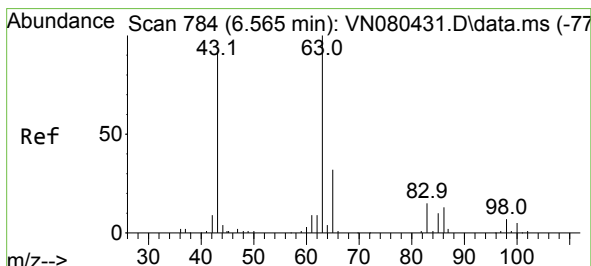
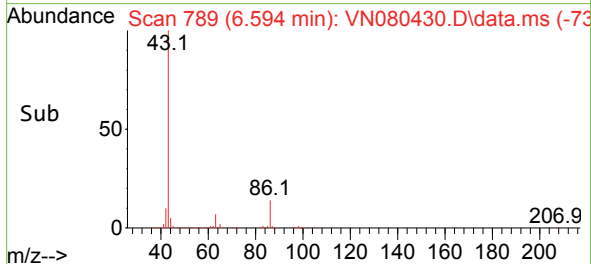
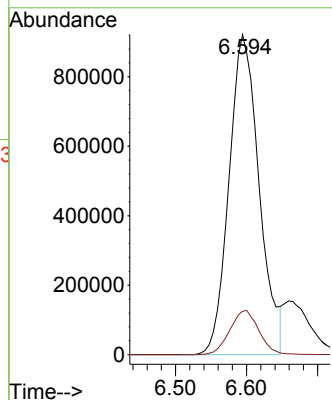
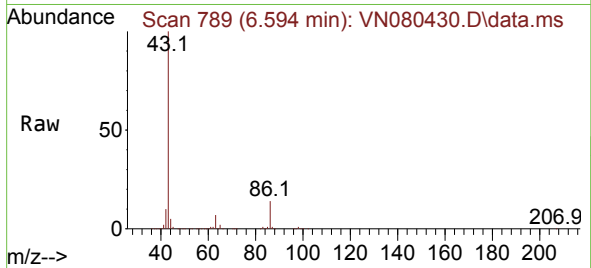




#23
 Vinyl Acetate
 Concen: 502.448 ug/l
 RT: 6.594 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

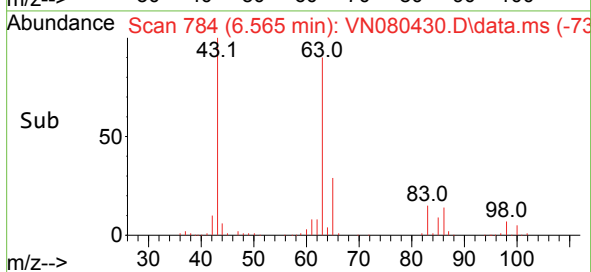
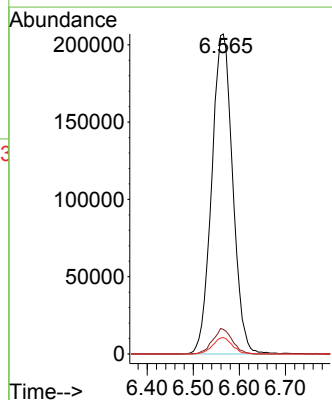
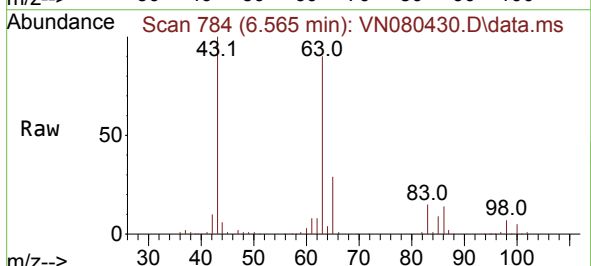
Instrument :
 MSVOA_N
 ClientSampleId :

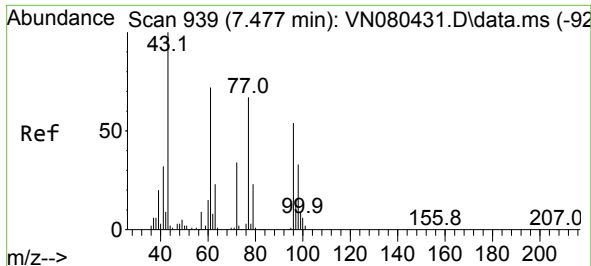
Tgt Ion: 43 Resp: 2721338
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 99.244 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion: 63 Resp: 652973
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.2 2.5 7.4

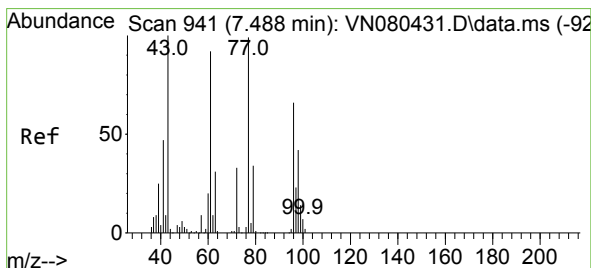
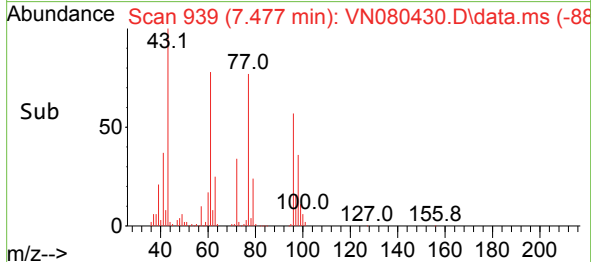
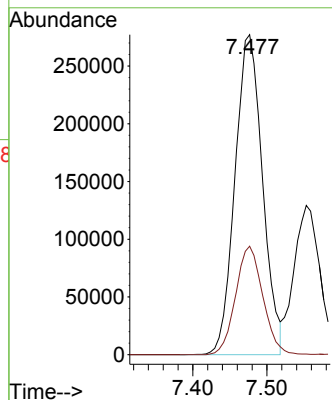
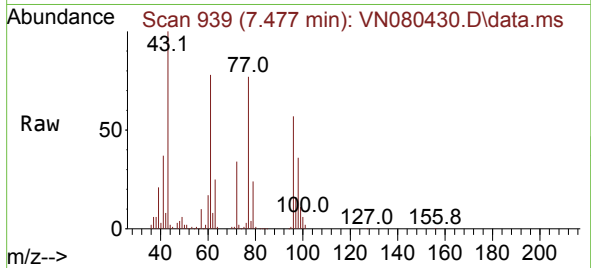




#25
2-Butanone
Concen: 499.300 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

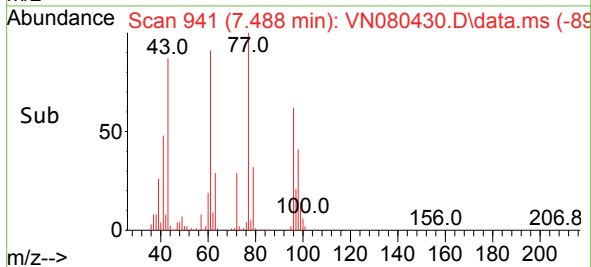
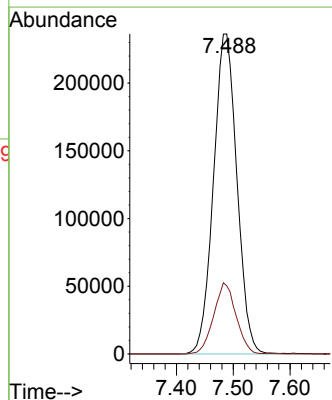
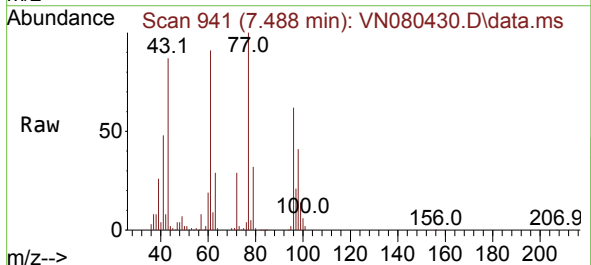
Instrument :
MSVOA_N
ClientSampleId :

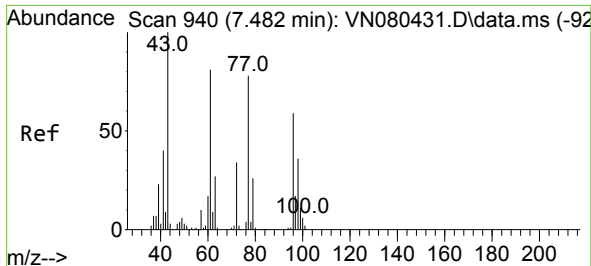
Tgt Ion: 43 Resp: 715577
Ion Ratio Lower Upper
43 100
72 33.9 30.2 45.2



#26
2,2-Dichloropropane
Concen: 100.571 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 77 Resp: 676625
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

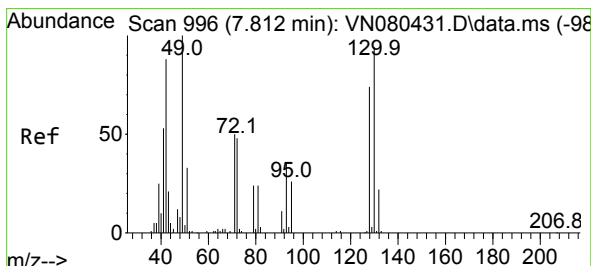
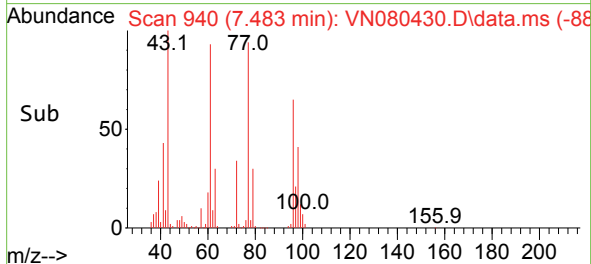
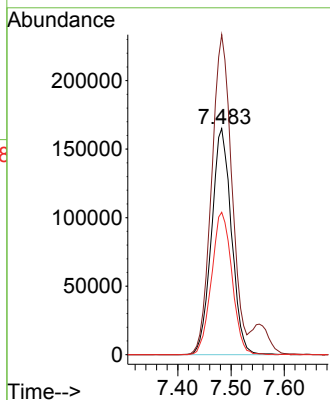
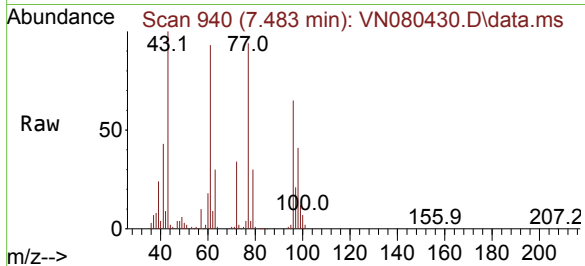




#27
cis-1,2-Dichloroethene
Concen: 99.027 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

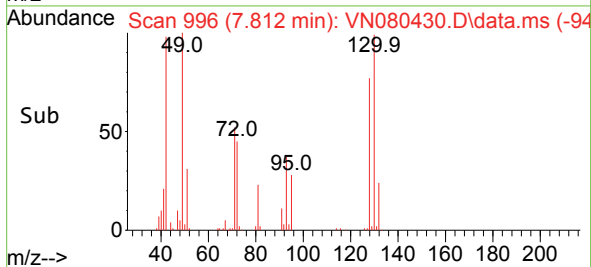
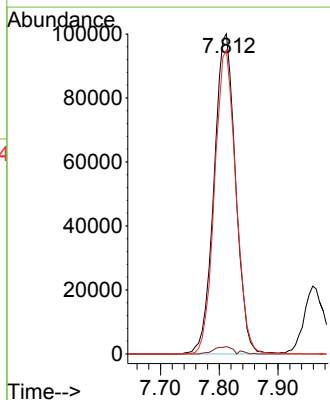
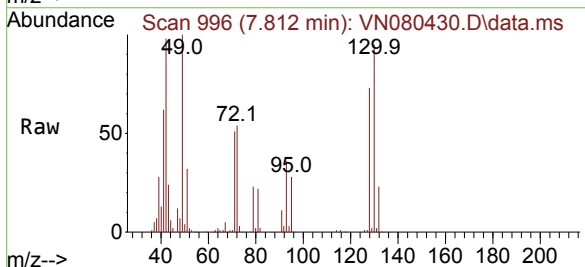
Instrument :
MSVOA_N
ClientSampleId :

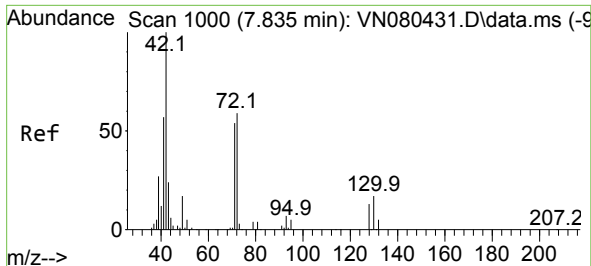
Tgt Ion: 96 Resp: 429222
Ion Ratio Lower Upper
96 100
61 142.9 0.0 255.2
98 64.5 0.0 128.8



#28
Bromochloromethane
Concen: 100.794 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

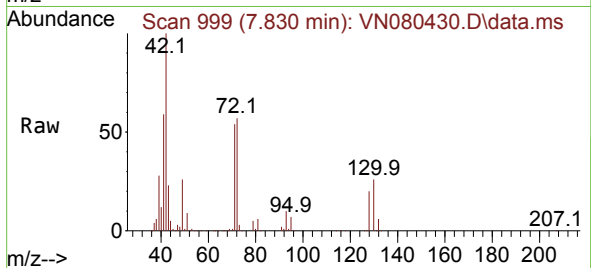
Tgt Ion: 49 Resp: 254625
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 93.7 75.3 112.9



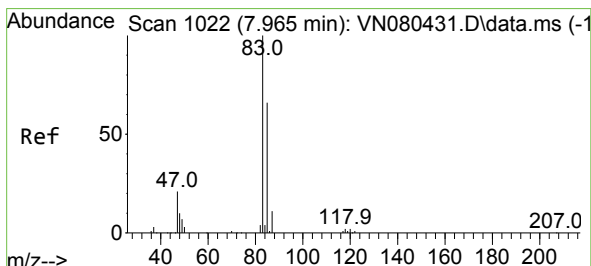
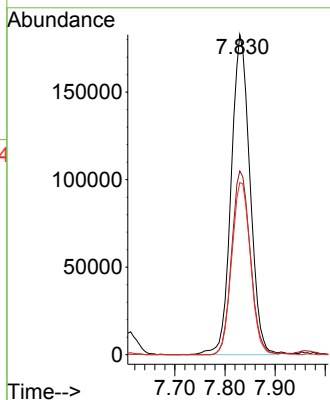
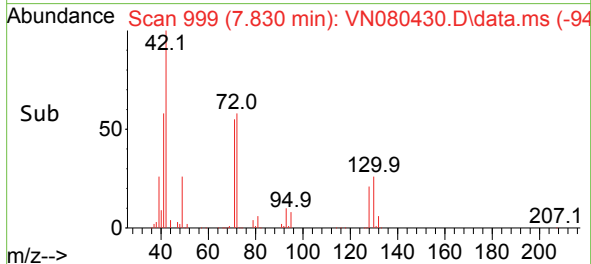


#29
Tetrahydrofuran
Concen: 463.526 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Instrument :
MSVOA_N
ClientSampleId :

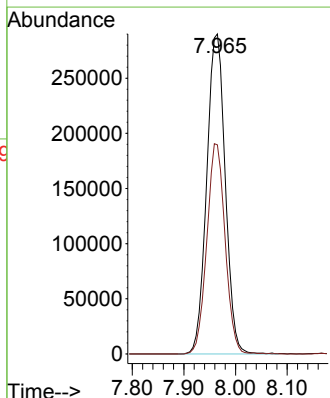
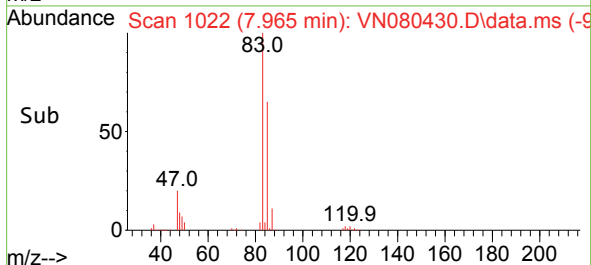
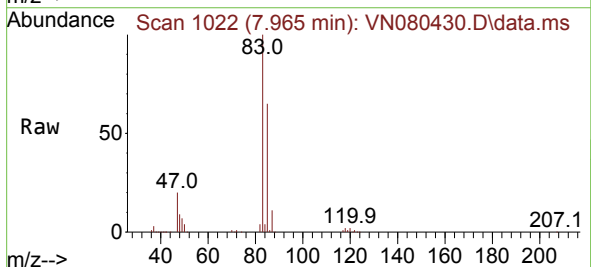


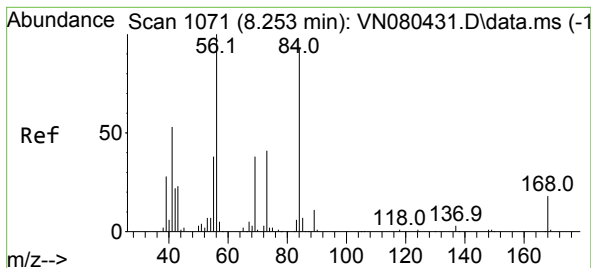
Tgt Ion: 42 Resp: 475699
Ion Ratio Lower Upper
42 100
72 57.2 49.8 74.6
71 53.8 47.4 71.2



#30
Chloroform
Concen: 99.041 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

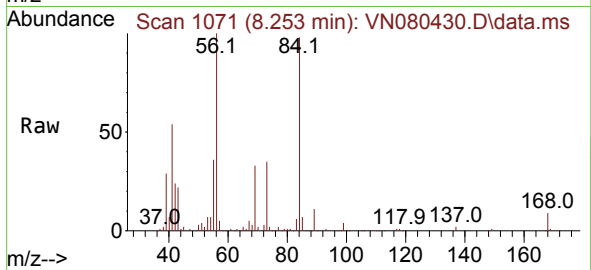
Tgt Ion: 83 Resp: 723324
Ion Ratio Lower Upper
83 100
85 65.3 55.4 83.0



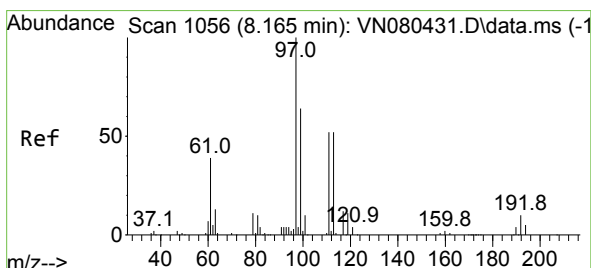
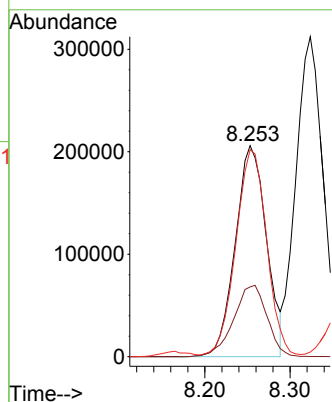
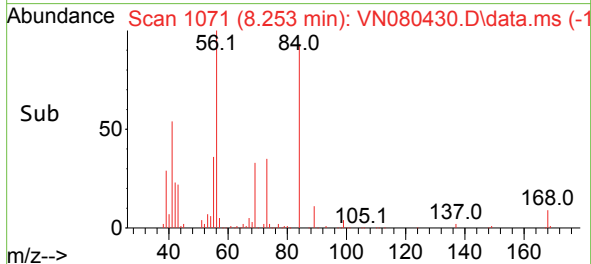


#31
Cyclohexane
Concen: 91.683 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Instrument :
MSVOA_N
ClientSampleId :

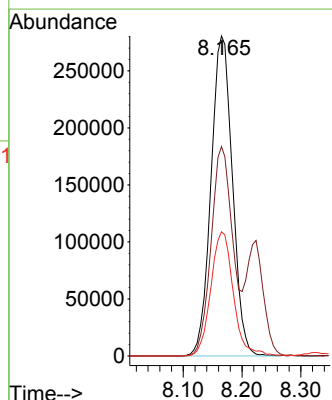
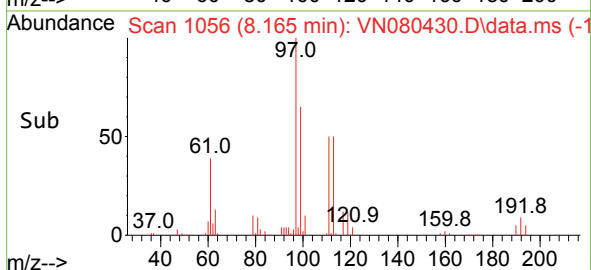
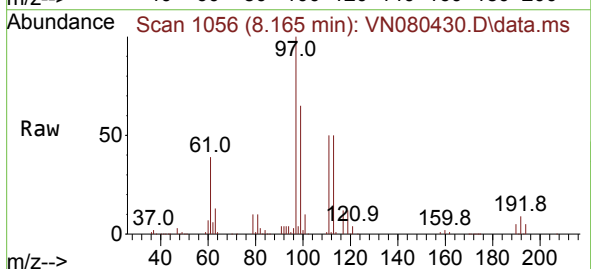


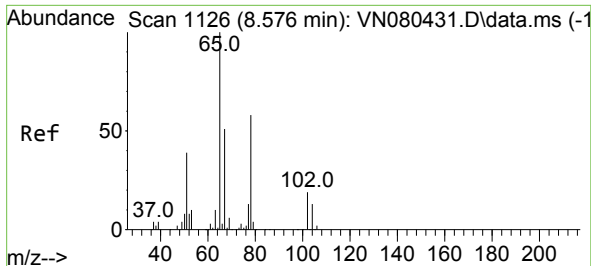
Tgt Ion: 56 Resp: 523124
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 96.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 99.289 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 97 Resp: 709989
Ion Ratio Lower Upper
97 100
99 67.0 50.3 75.5
61 40.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 103.341 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

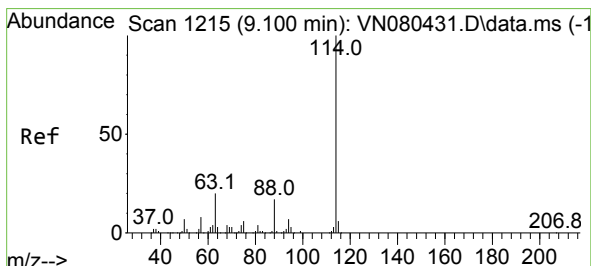
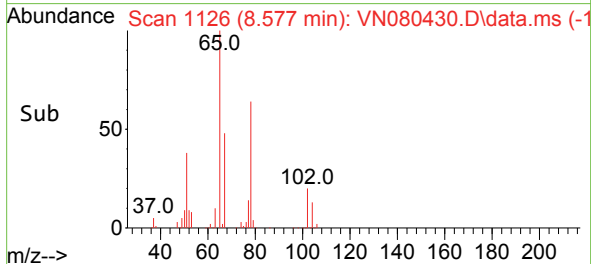
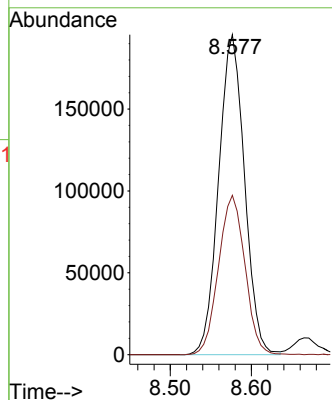
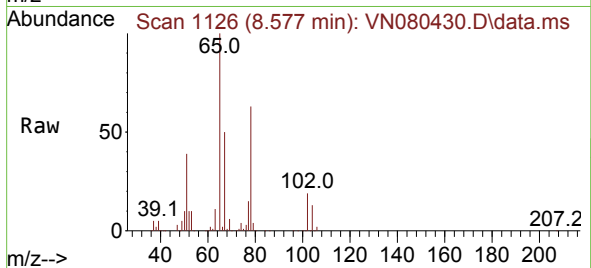
ClientSampleId :

Tgt Ion: 65 Resp: 433592

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

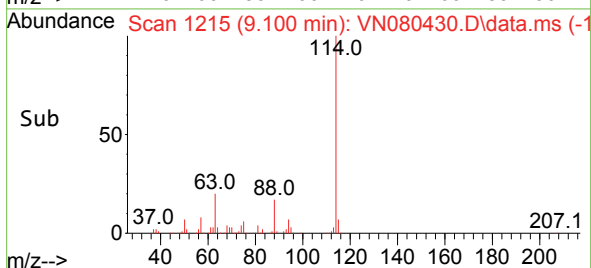
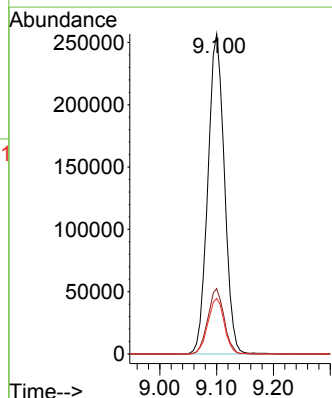
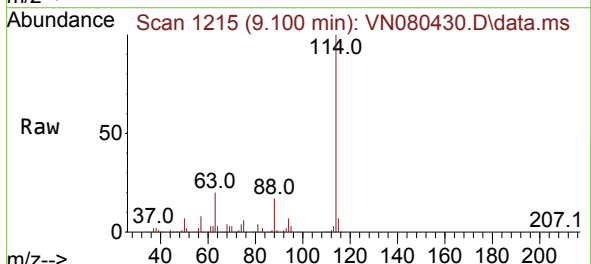
Tgt Ion: 114 Resp: 516209

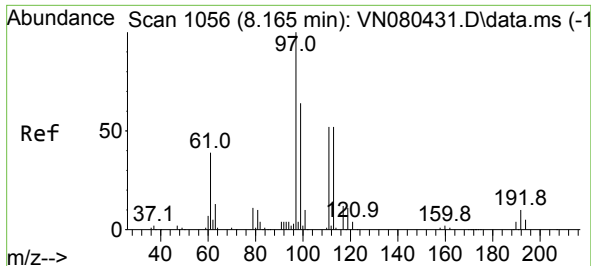
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.4 0.0 30.6

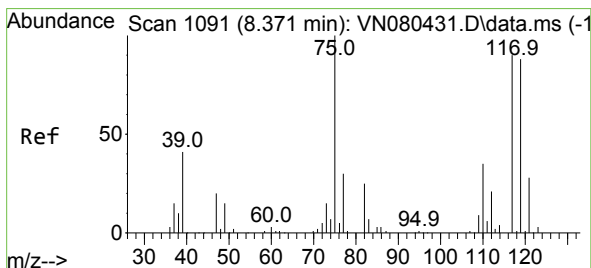
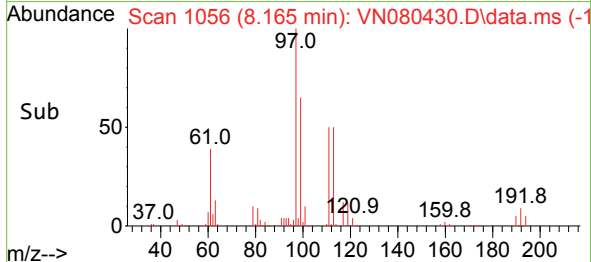
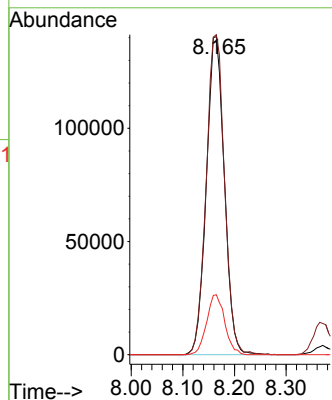
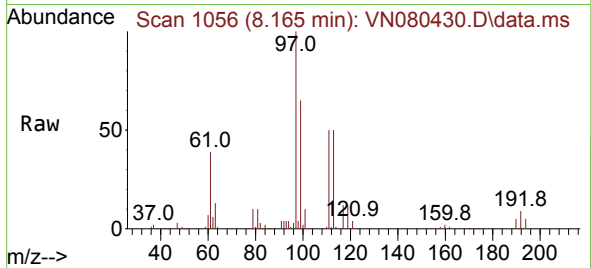




#35
Dibromofluoromethane
Concen: 103.834 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

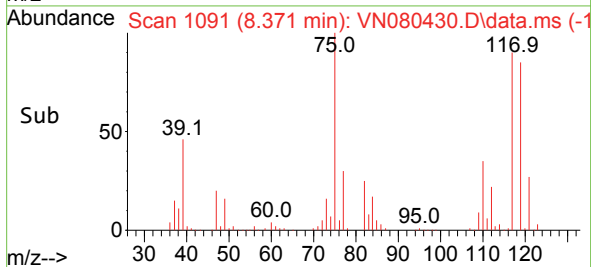
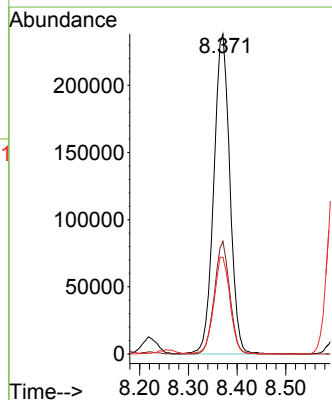
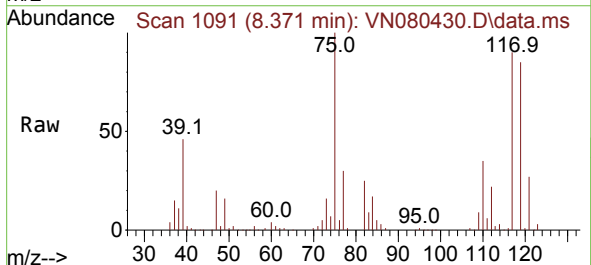
Instrument :
MSVOA_N
ClientSampleId :

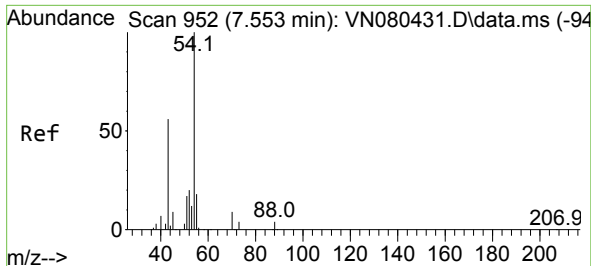
Tgt Ion:113 Resp: 339846
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 101.907 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 75 Resp: 545357
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 30.7 25.0 37.4

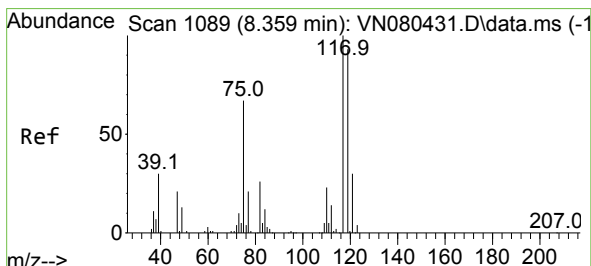
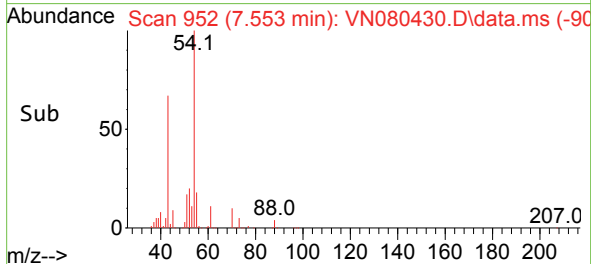
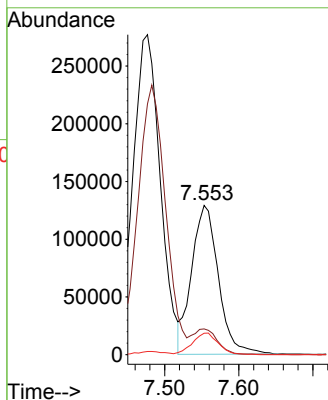
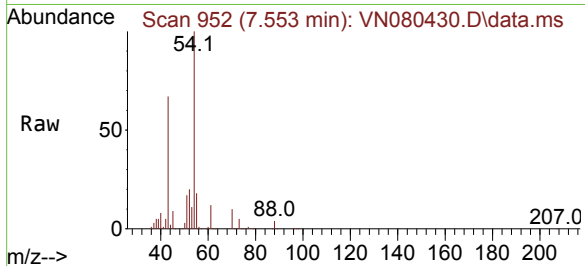




#37
Ethyl Acetate
Concen: 96.729 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

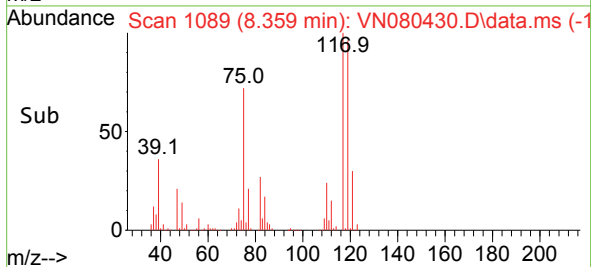
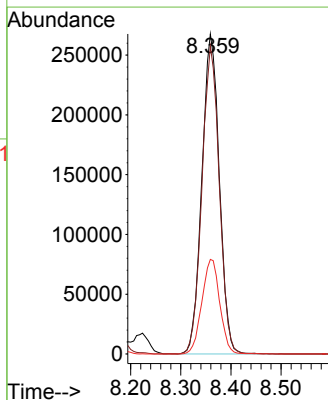
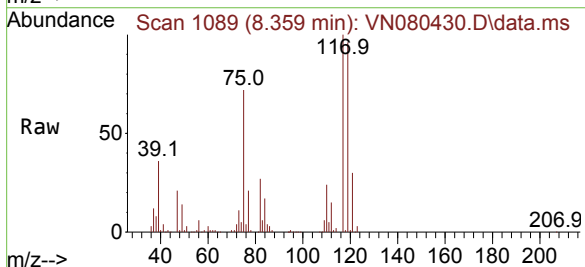
Instrument :
MSVOA_N
ClientSampleId :

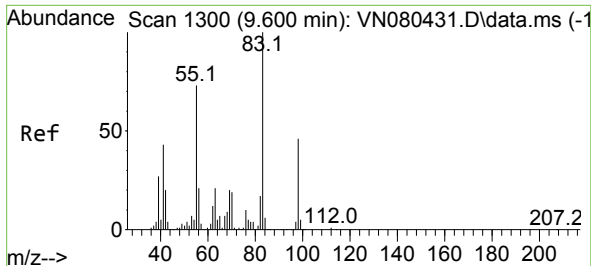
Tgt Ion: 43 Resp: 324151
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 14.1 11.3 16.9



#38
Carbon Tetrachloride
Concen: 101.222 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 117 Resp: 647260
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 29.6 23.3 34.9

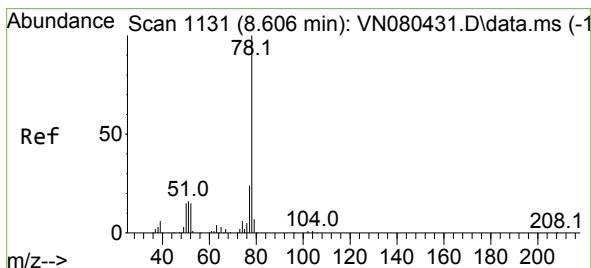
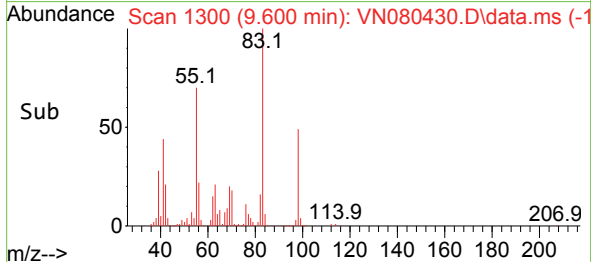
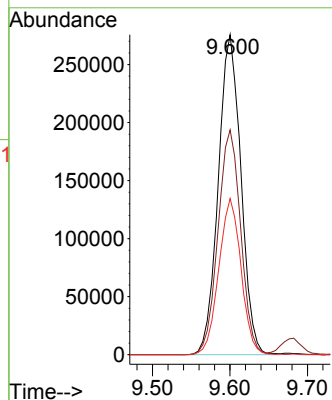
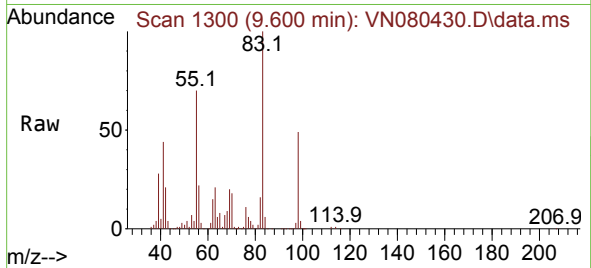




#39
Methylcyclohexane
Concen: 100.800 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

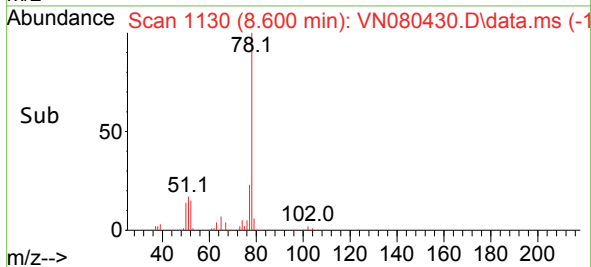
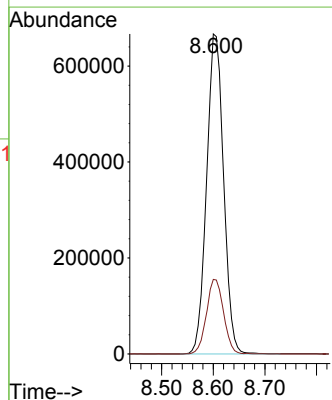
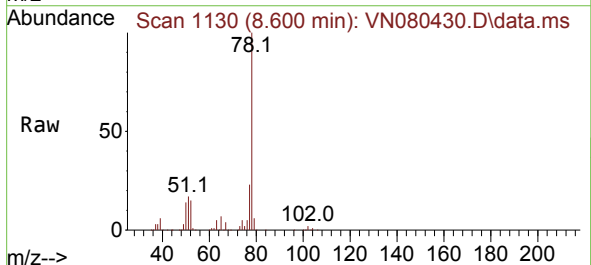
Instrument :
MSVOA_N
ClientSampleId :

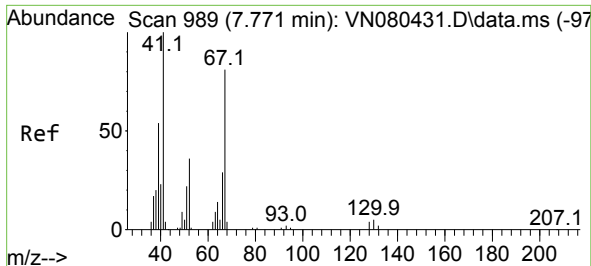
Tgt Ion: 83 Resp: 560387
Ion Ratio Lower Upper
83 100
55 70.3 49.1 73.7
98 48.8 40.6 61.0



#40
Benzene
Concen: 98.509 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 78 Resp: 1522301
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

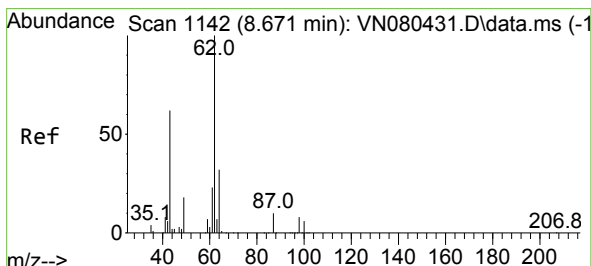
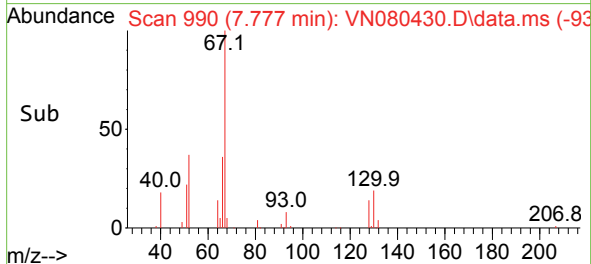
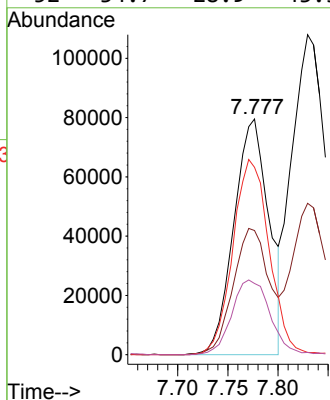
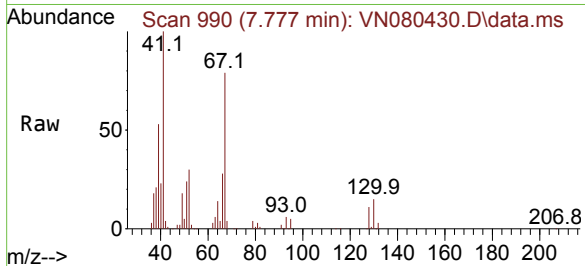




#41
Methacrylonitrile
Concen: 100.263 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

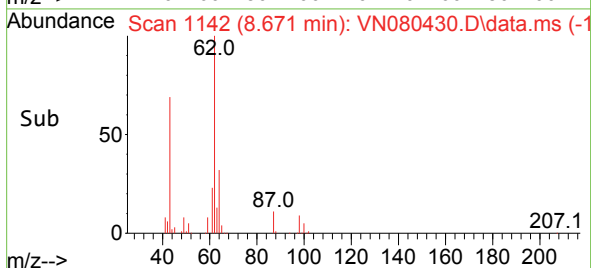
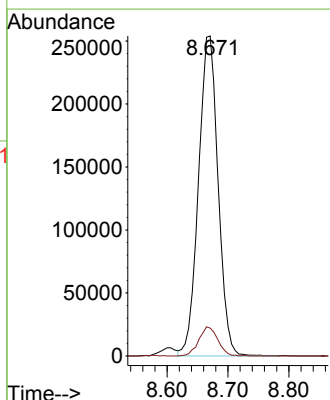
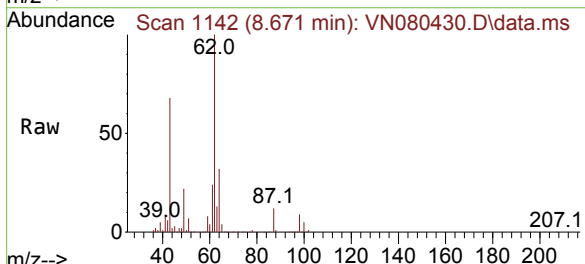
Instrument :
MSVOA_N
ClientSampleId :

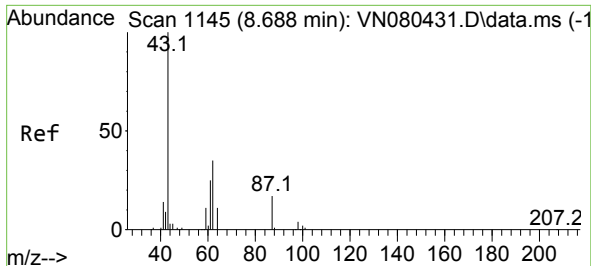
Tgt Ion: 41 Resp: 193703
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 86.2 77.5 116.3
52 34.7 28.9 43.3



#42
1,2-Dichloroethane
Concen: 99.341 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

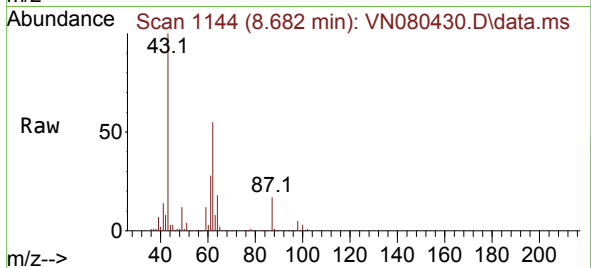
Tgt Ion: 62 Resp: 568483
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8



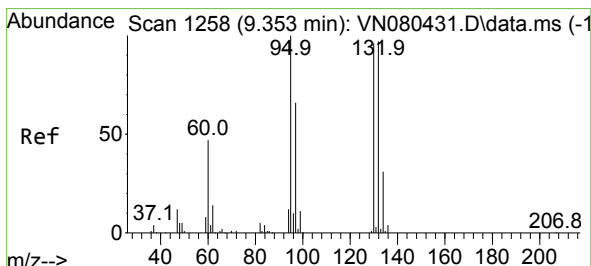
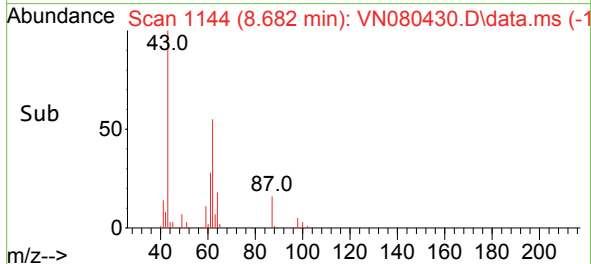
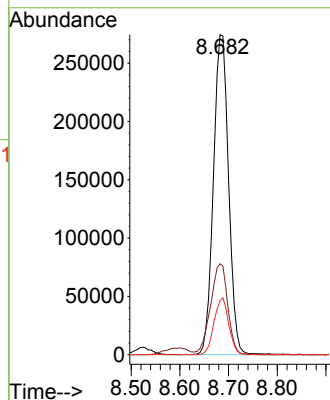


#43
Isopropyl Acetate
Concen: 98.226 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Instrument :
MSVOA_N
ClientSampleId :

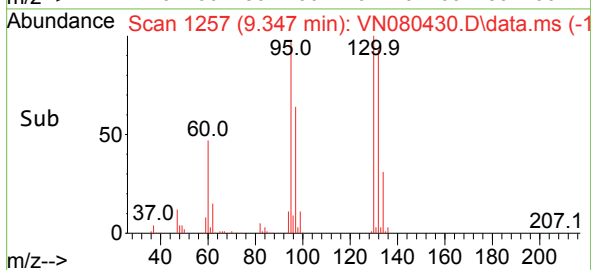
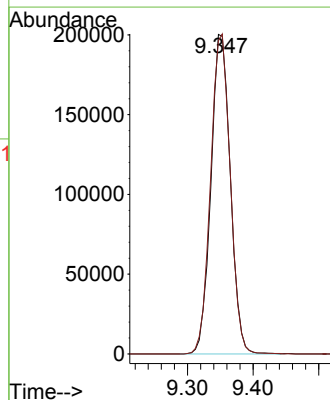
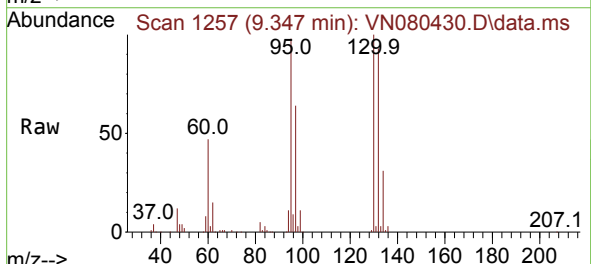


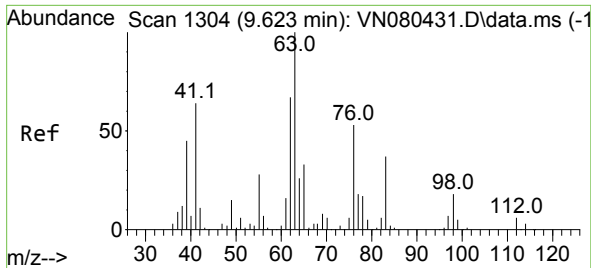
Tgt Ion: 43 Resp: 591856
Ion Ratio Lower Upper
43 100
61 32.3 24.7 37.1
87 17.2 14.6 21.8



#44
Trichloroethene
Concen: 98.576 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:130 Resp: 410669
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6

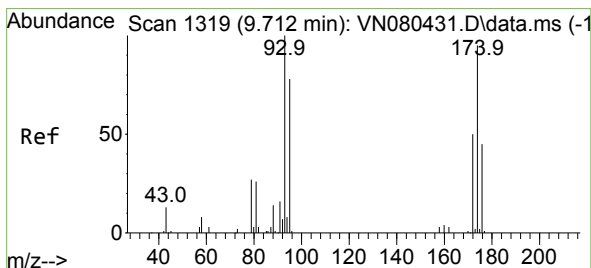
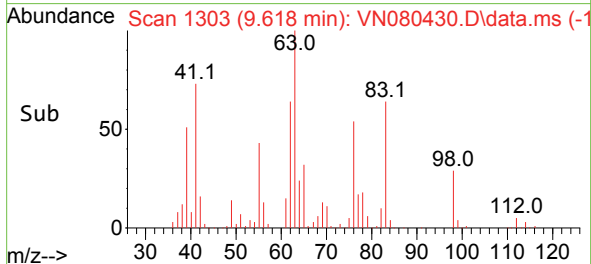
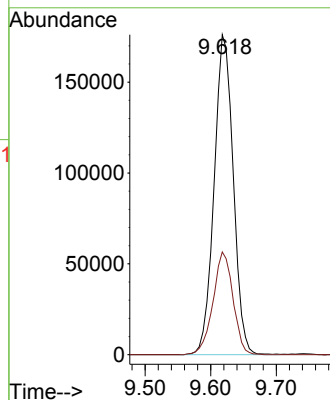
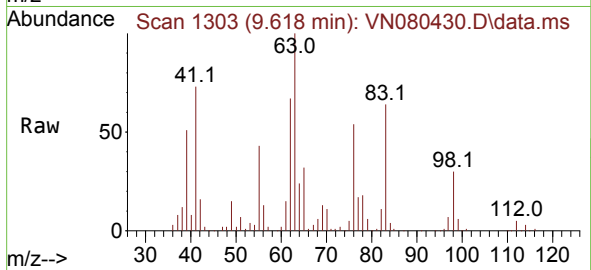




#45
1,2-Dichloropropane
Concen: 98.143 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

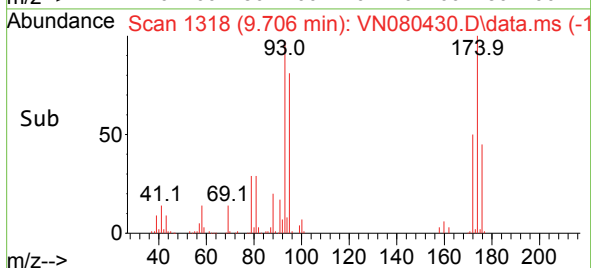
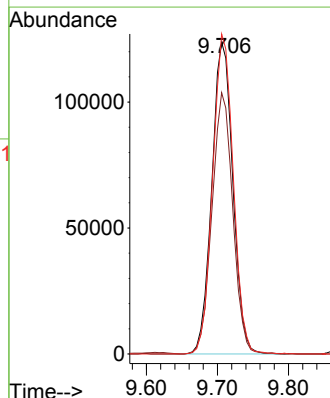
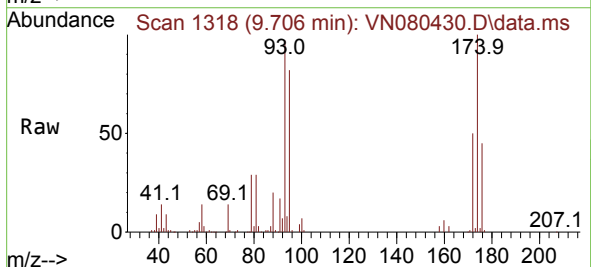
Instrument :
MSVOA_N
ClientSampleId :

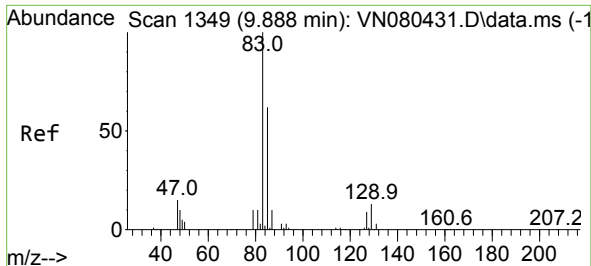
Tgt Ion: 63 Resp: 356209
Ion Ratio Lower Upper
63 100
65 32.1 23.9 35.9



#46
Dibromomethane
Concen: 97.504 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 93 Resp: 254142
Ion Ratio Lower Upper
93 100
95 82.9 63.8 95.8
174 100.5 65.6 98.4#





#47

Bromodichloromethane

Concen: 102.729 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

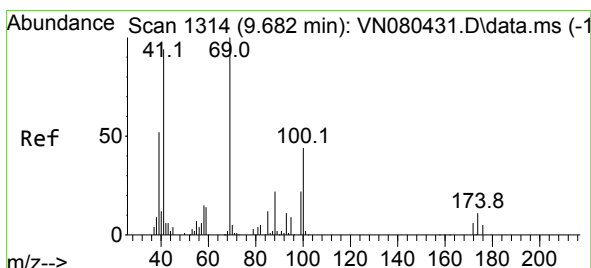
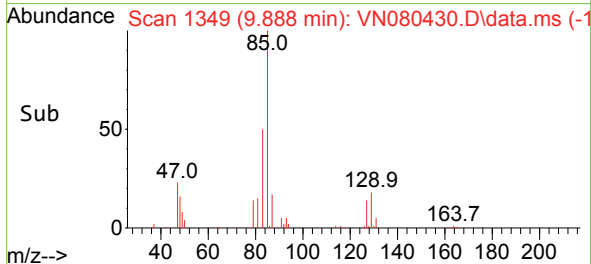
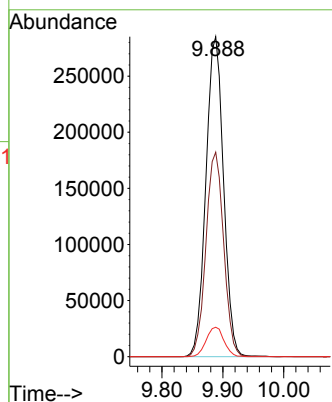
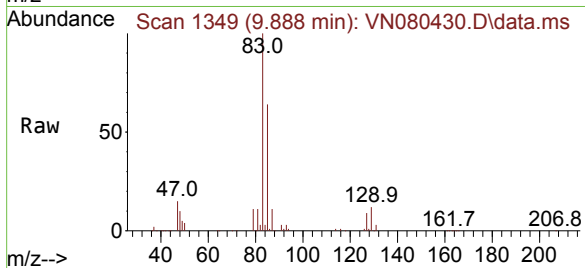
Tgt Ion: 83 Resp: 573866

Ion Ratio Lower Upper

83 100

85 63.9 49.6 74.4

127 9.2 7.0 10.6



#48

Methyl methacrylate

Concen: 96.535 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

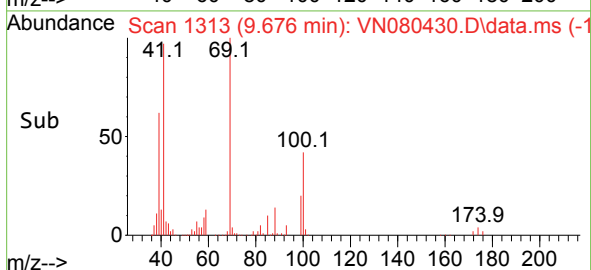
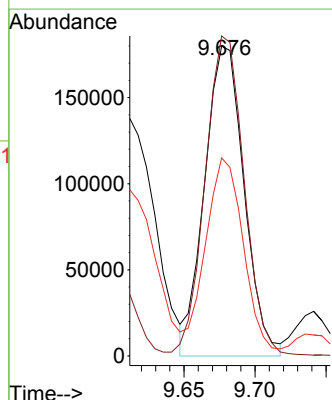
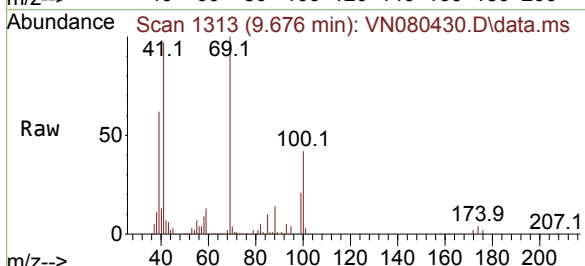
Tgt Ion: 41 Resp: 347112

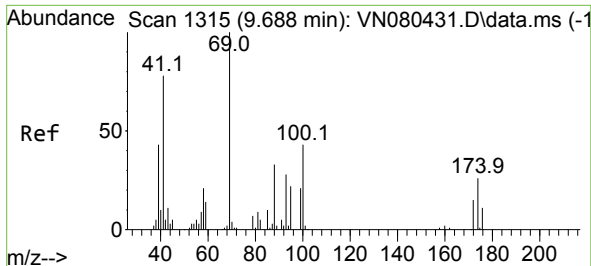
Ion Ratio Lower Upper

41 100

69 101.8 90.4 135.6

39 62.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1775.850 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

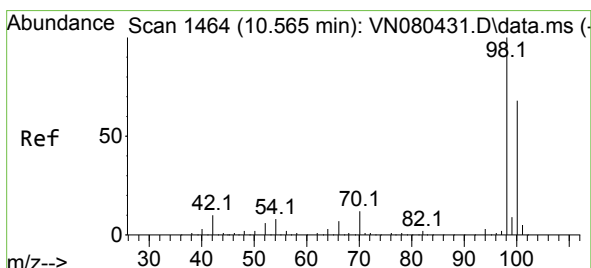
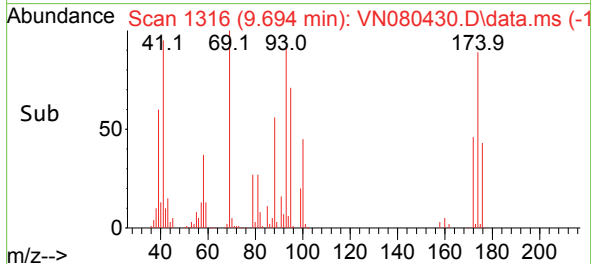
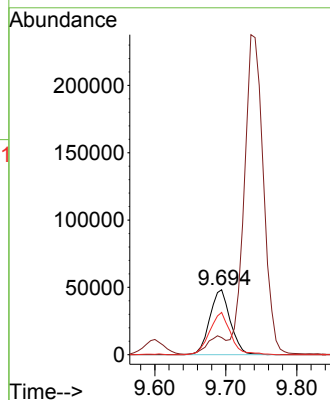
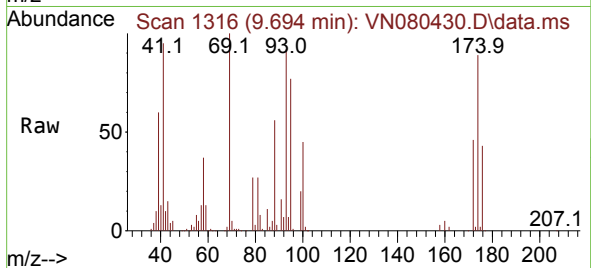
Tgt Ion: 88 Resp: 96786

Ion Ratio Lower Upper

88 100

43 25.7 17.0 25.6#

58 66.3 47.0 70.4



#50

Toluene-d8

Concen: 103.216 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080430.D

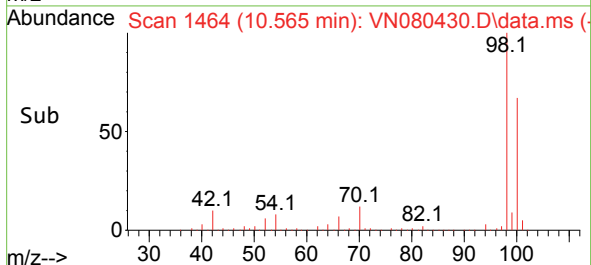
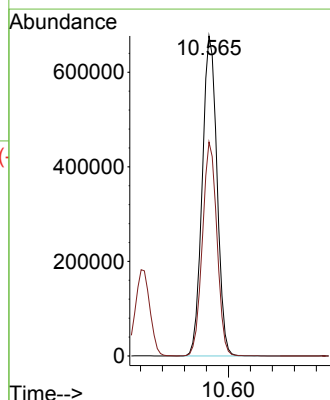
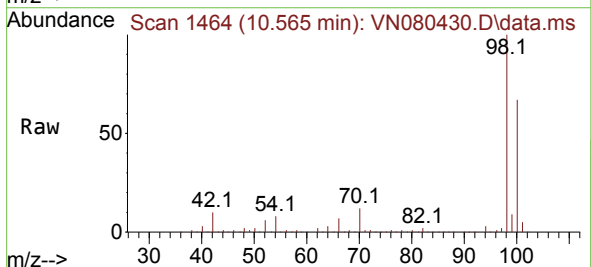
Acq: 12 Dec 2023 10:09

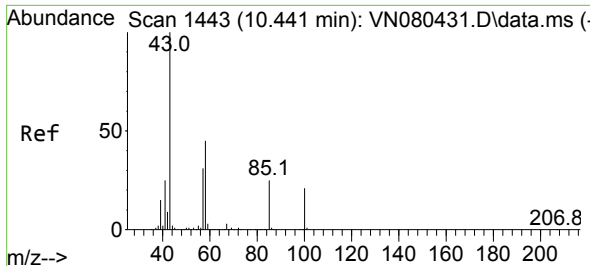
Tgt Ion: 98 Resp: 1259910

Ion Ratio Lower Upper

98 100

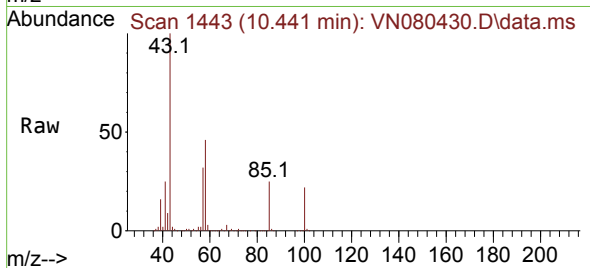
100 65.9 52.0 78.0



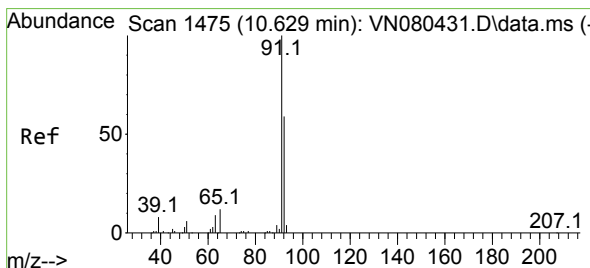
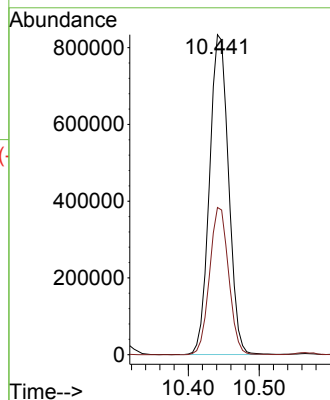
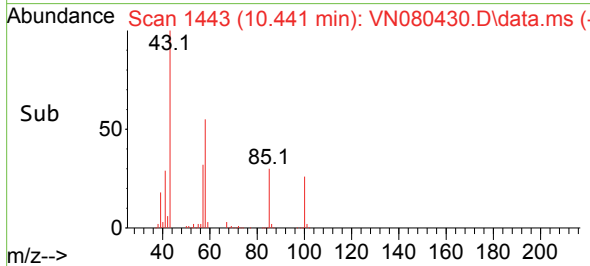


#51
4-Methyl-2-Pentanone
Concen: 468.414 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Instrument :
MSVOA_N
ClientSampleId :

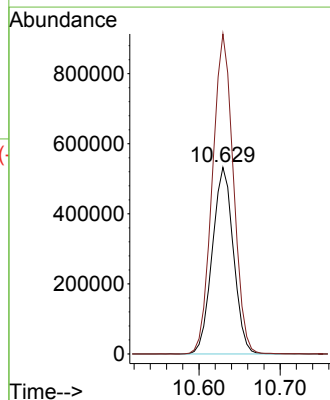
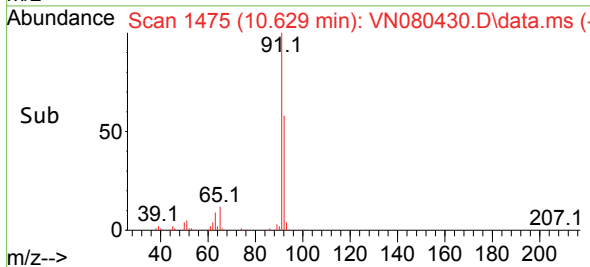
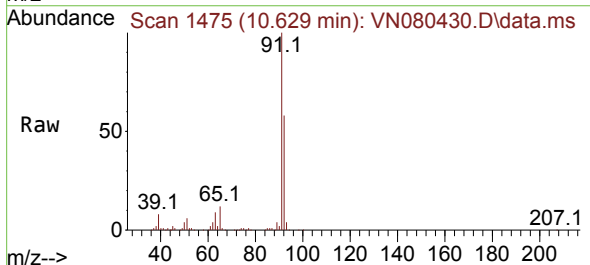


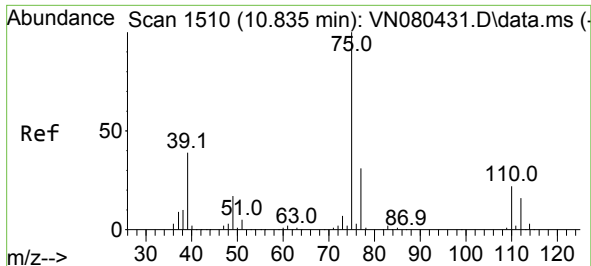
Tgt Ion: 43 Resp: 1554412
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8



#52
Toluene
Concen: 98.754 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 92 Resp: 964075
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0

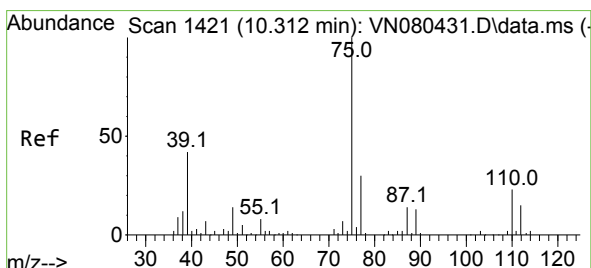
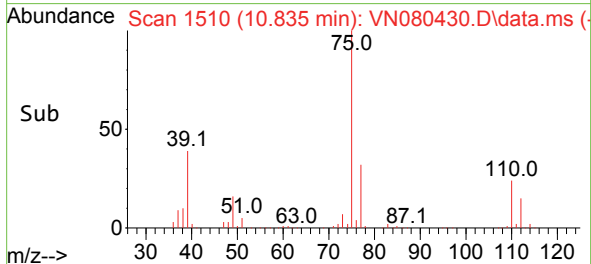
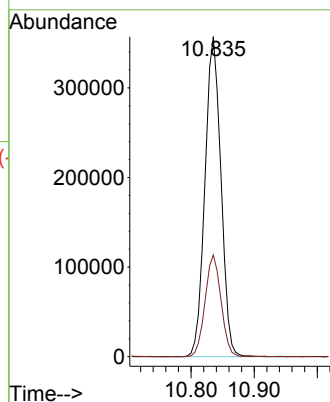
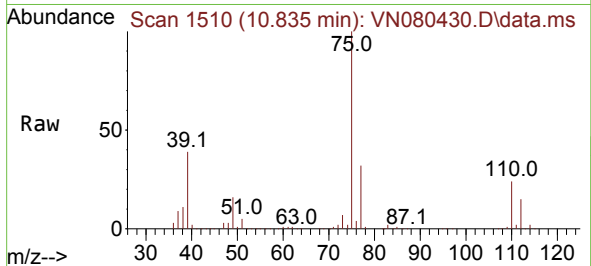




#53
 t-1,3-Dichloropropene
 Concen: 103.617 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

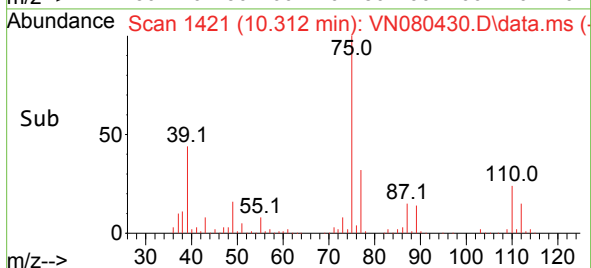
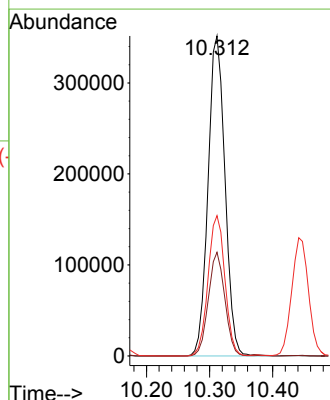
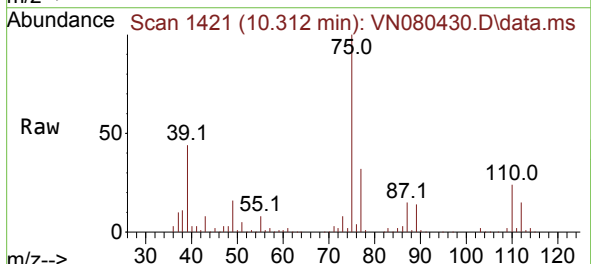
Instrument :
 MSVOA_N
 ClientSampleId :

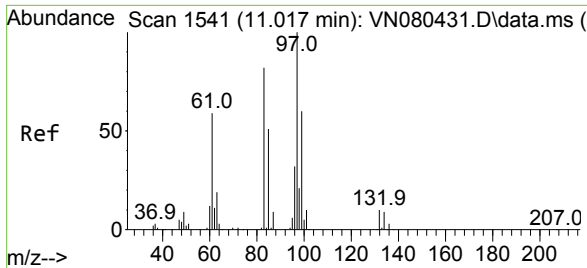
Tgt Ion: 75 Resp: 626259
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 101.280 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion: 75 Resp: 654284
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 43.9 31.6 47.4

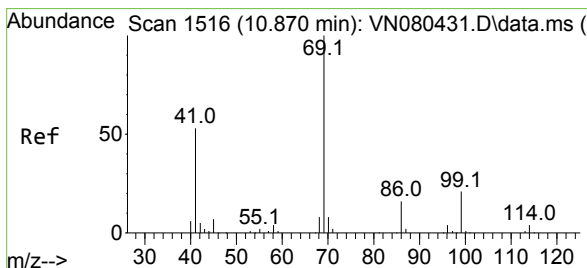
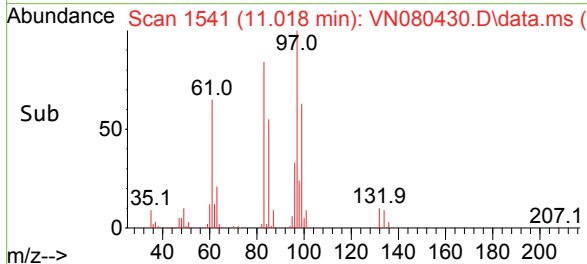
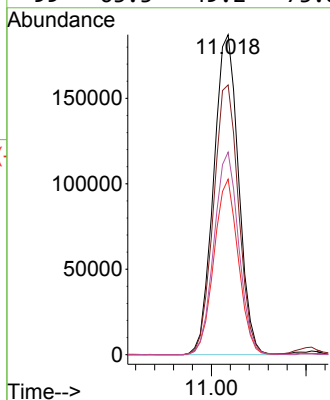
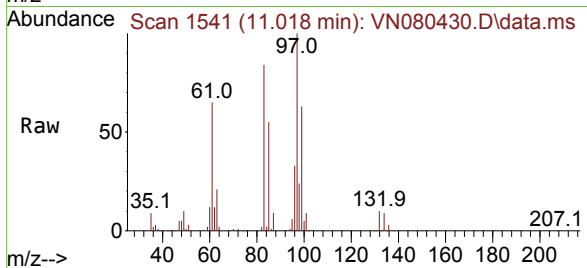




#55
 1,1,2-Trichloroethane
 Concen: 97.621 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

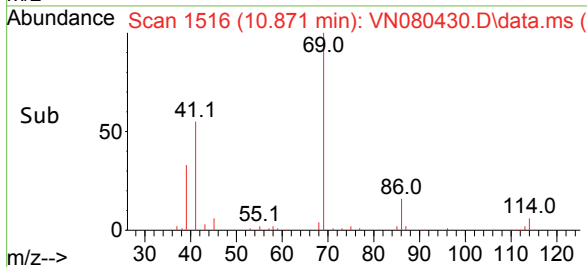
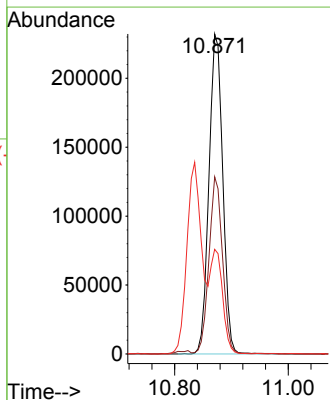
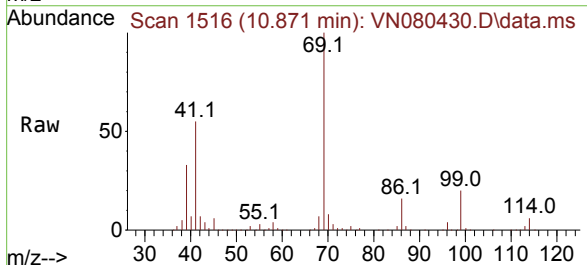
Instrument :
 MSVOA_N
 ClientSampleId :

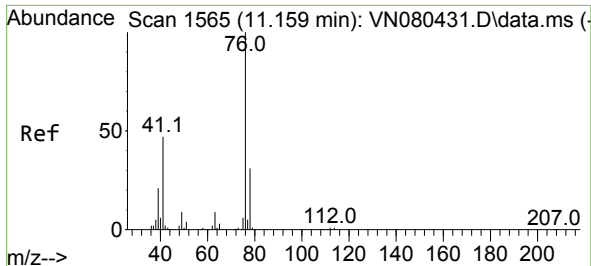
Tgt Ion:	97	Resp:	342914
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.1	97.7
85	54.8	43.4	65.2
99	63.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 100.289 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion:	69	Resp:	390029
Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.6	59.4
39	28.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 97.367 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

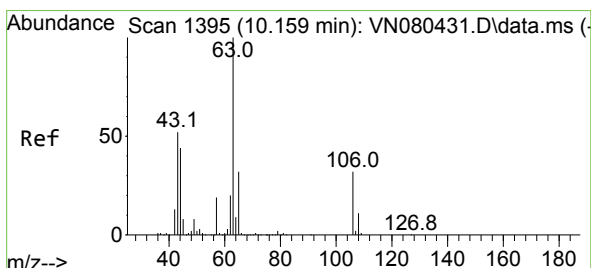
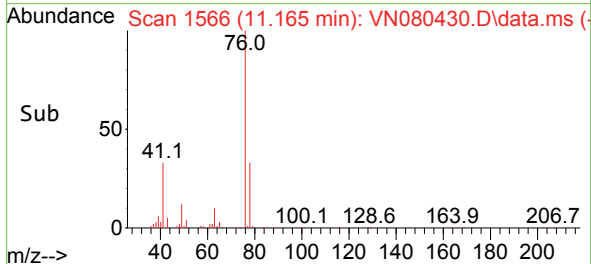
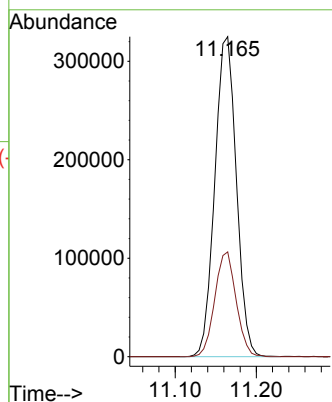
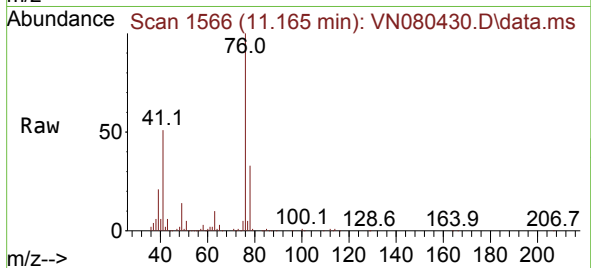
ClientSampleId :

Tgt Ion: 76 Resp: 599568

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 518.148 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080430.D

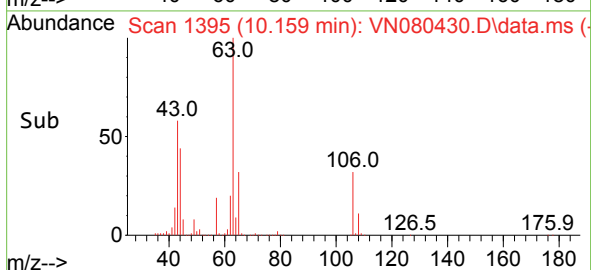
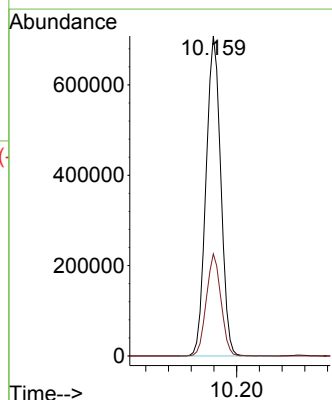
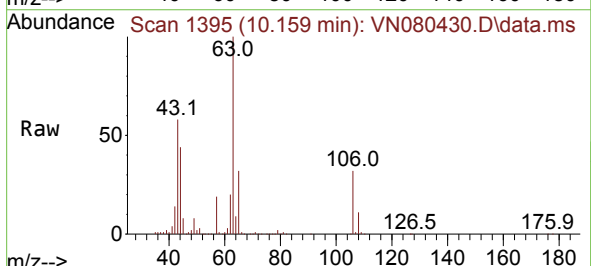
Acq: 12 Dec 2023 10:09

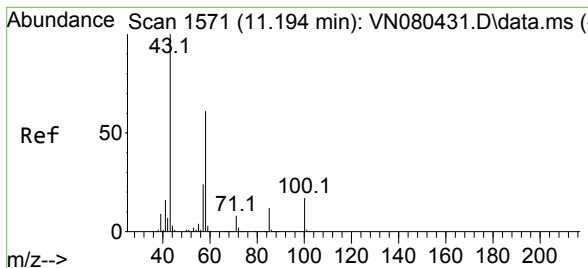
Tgt Ion: 63 Resp: 1272140

Ion Ratio Lower Upper

63 100

106 31.6 26.2 39.4

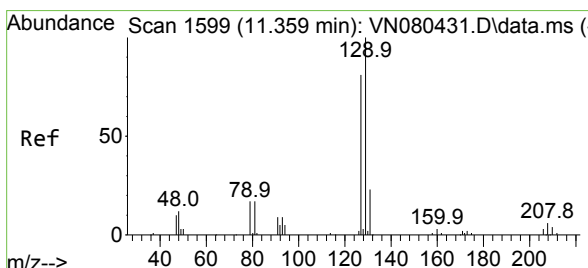
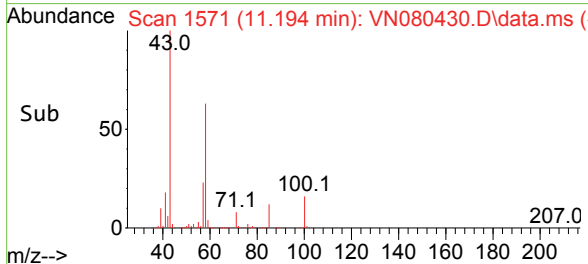
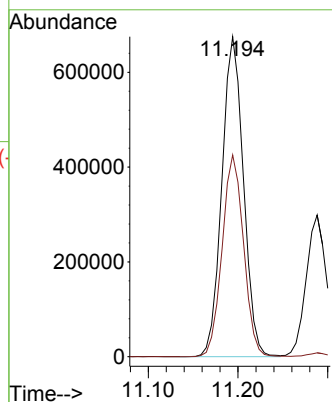
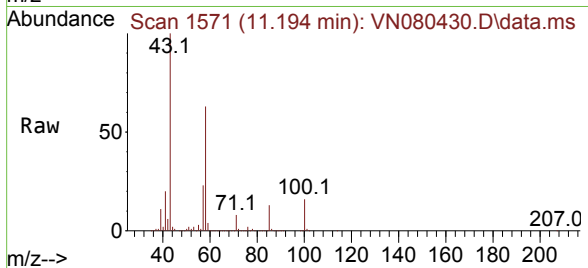




#59
2-Hexanone
Concen: 459.681 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

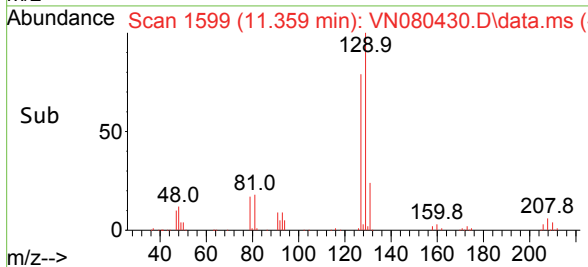
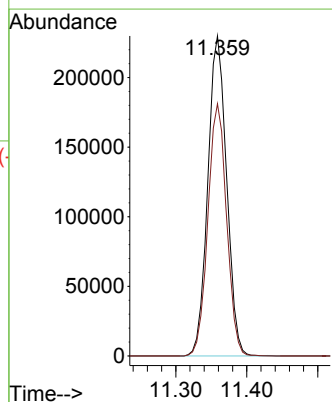
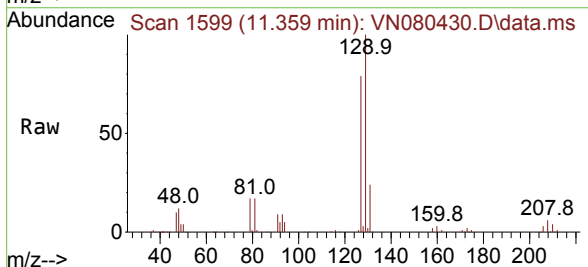
Instrument :
MSVOA_N
ClientSampleId :

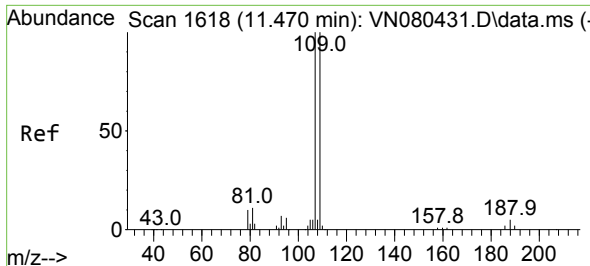
Tgt Ion: 43 Resp: 1126146
Ion Ratio Lower Upper
43 100
58 62.6 31.7 95.1



#60
Dibromochloromethane
Concen: 101.455 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:129 Resp: 422300
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0

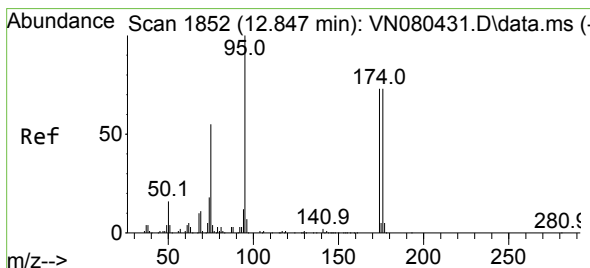
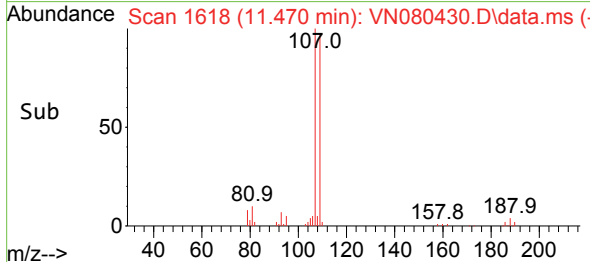
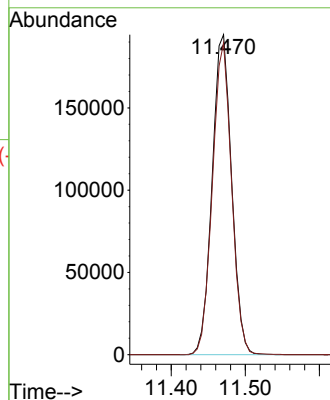
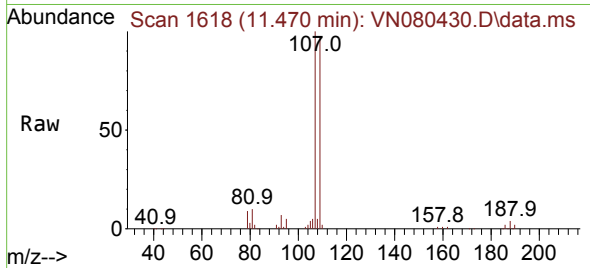




#61
1,2-Dibromoethane
Concen: 97.635 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

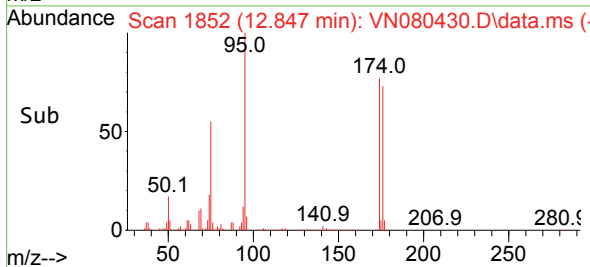
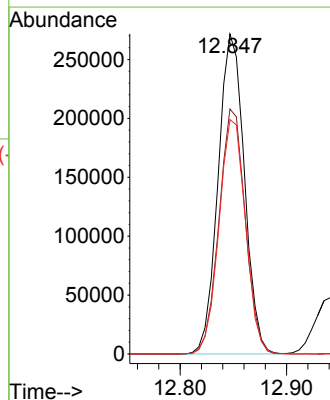
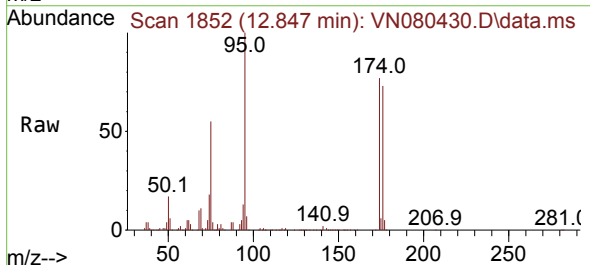
Instrument :
MSVOA_N
ClientSampleId :

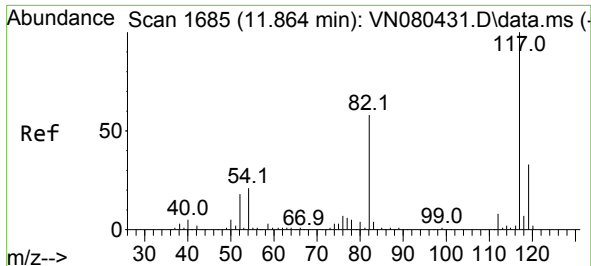
Tgt Ion:107 Resp: 354958
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 100.162 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 95 Resp: 464262
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 74.0 0.0 135.8

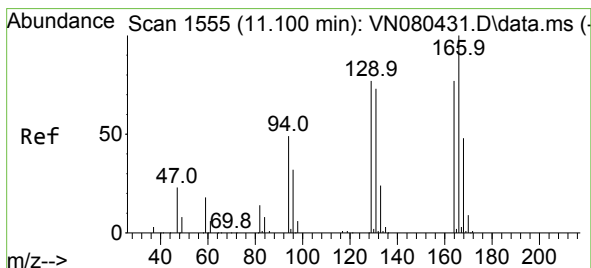
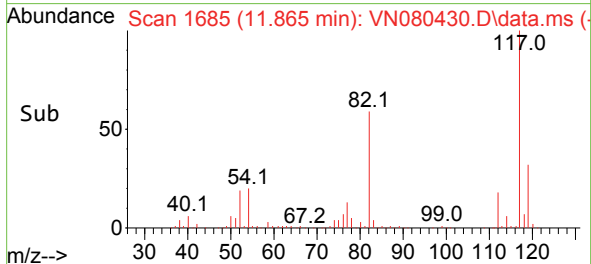
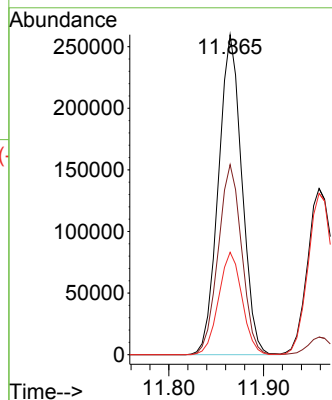
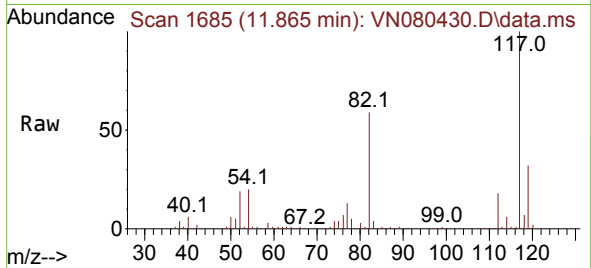




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

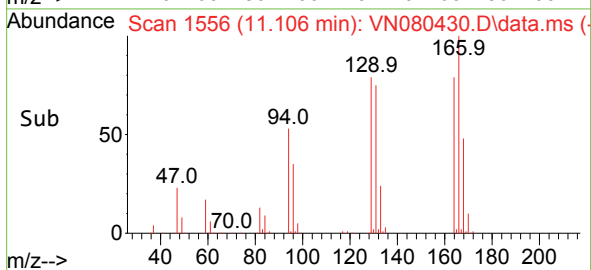
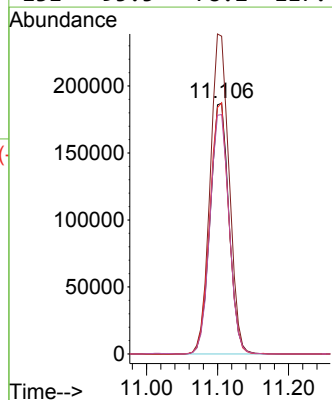
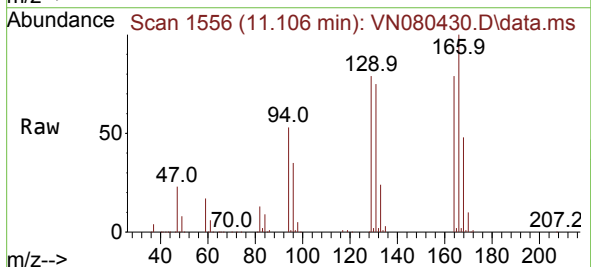
Instrument :
MSVOA_N
ClientSampleId :

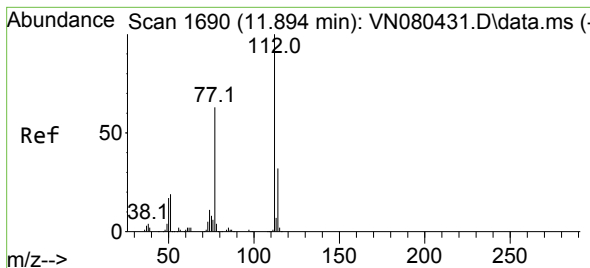
Tgt Ion:117 Resp: 447059
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 99.353 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:164 Resp: 342937
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 100.2 82.4 123.6
131 95.5 78.2 117.4





#65

Chlorobenzene

Concen: 101.508 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

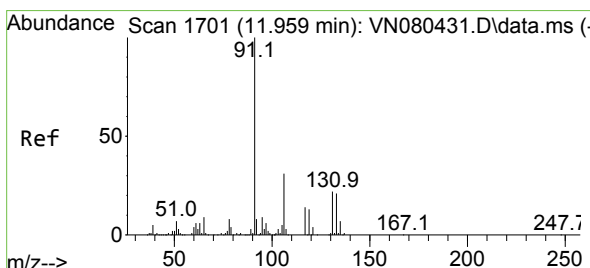
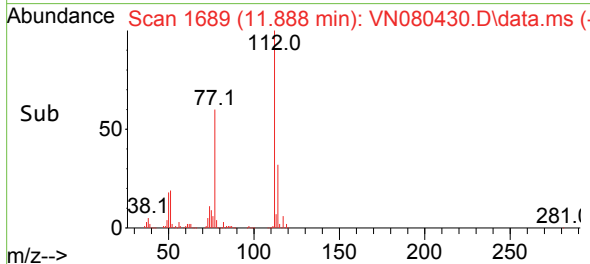
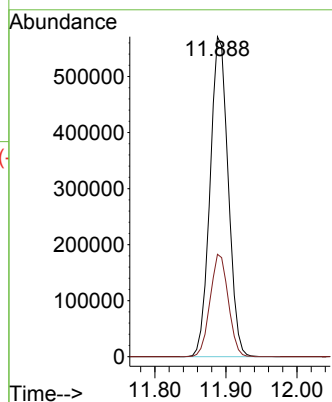
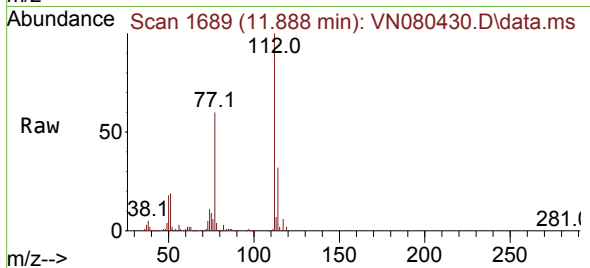
ClientSampleId :

Tgt Ion:112 Resp: 1009494

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 101.084 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

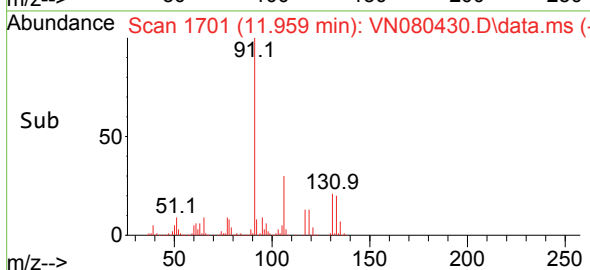
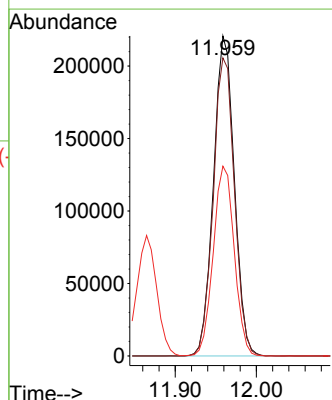
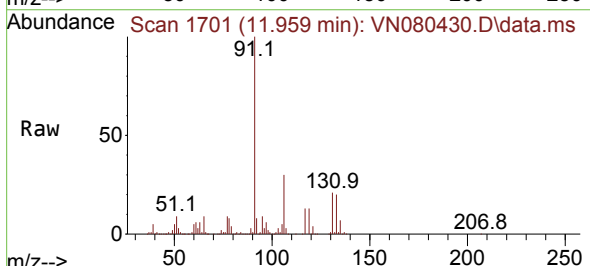
Tgt Ion:131 Resp: 394454

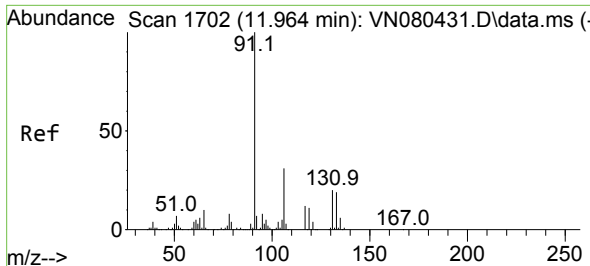
Ion Ratio Lower Upper

131 100

133 94.7 46.4 139.1

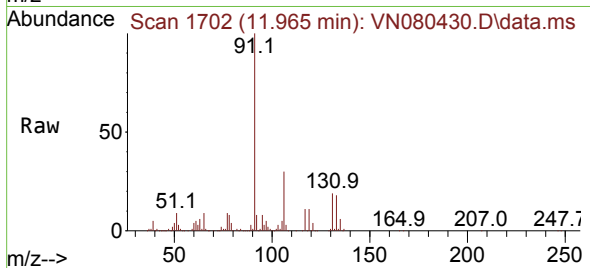
119 59.8 34.1 102.2



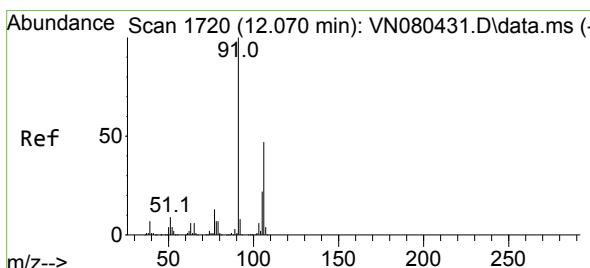
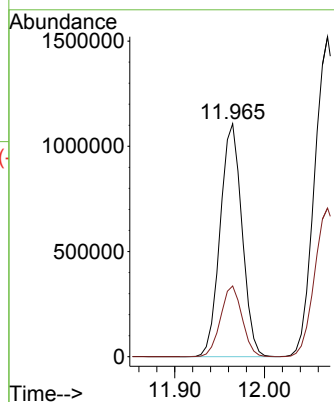
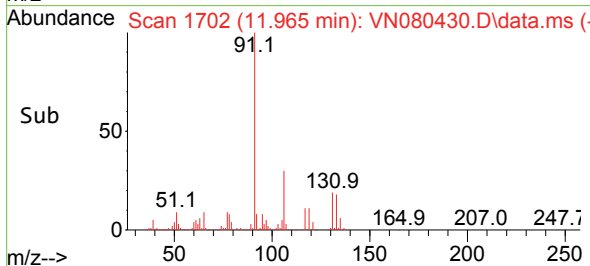


#67
Ethyl Benzene
Concen: 102.102 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

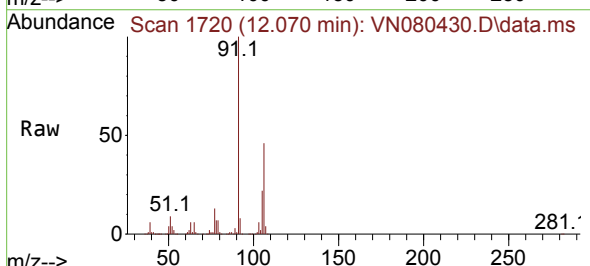
Instrument :
MSVOA_N
ClientSampleId :



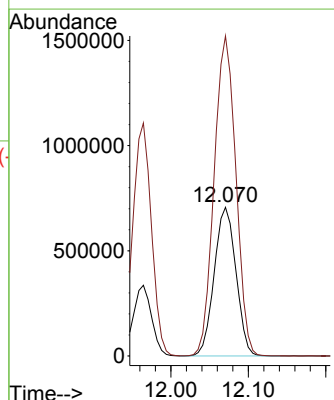
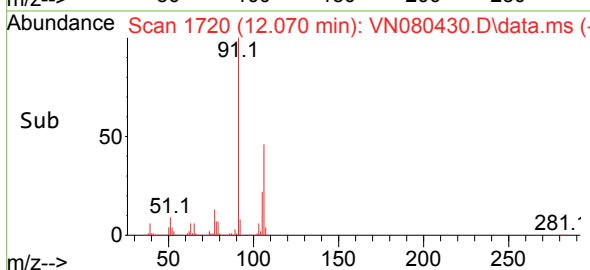
Tgt Ion: 91 Resp: 1867062
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

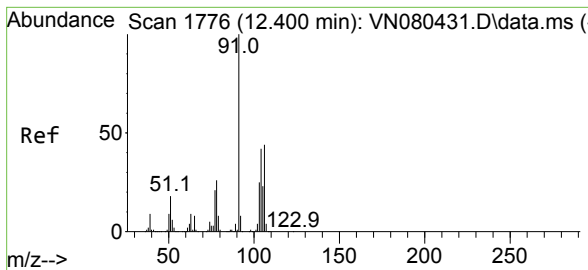


#68
m/p-Xylenes
Concen: 203.759 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09



Tgt Ion:106 Resp: 1376834
Ion Ratio Lower Upper
106 100
91 215.2 159.6 239.4

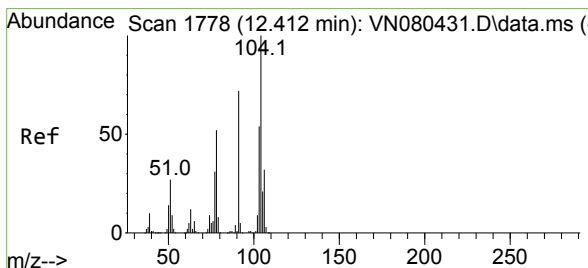
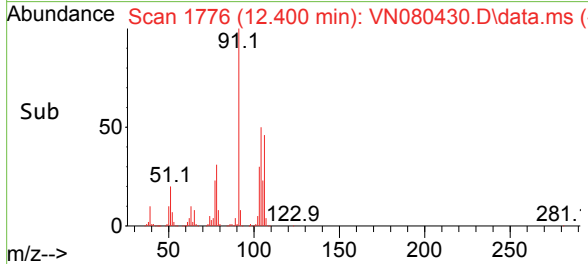
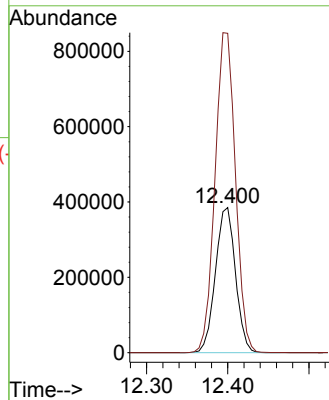
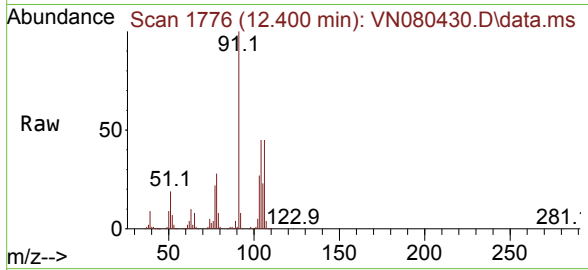




#69
o-Xylene
Concen: 100.076 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

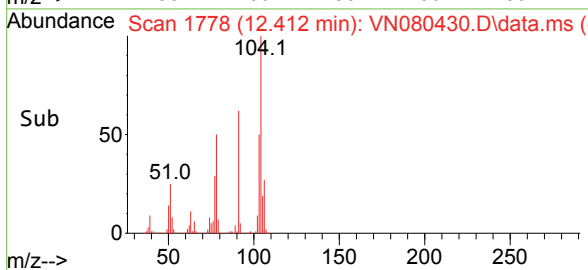
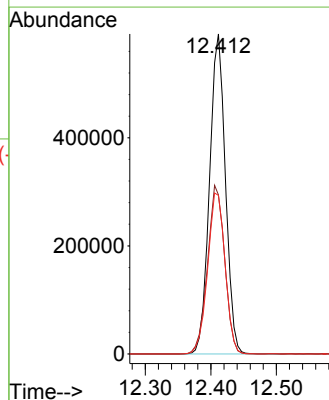
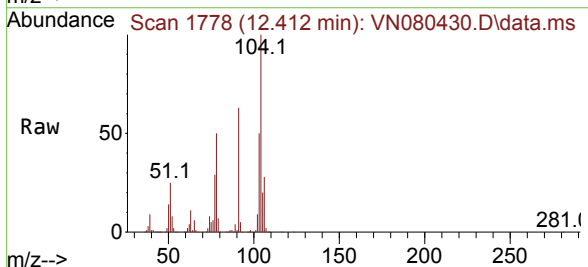
Instrument :
MSVOA_N
ClientSampleId :

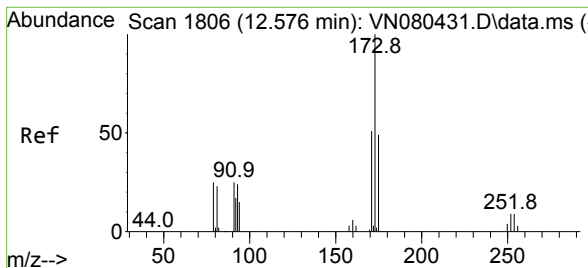
Tgt Ion:106 Resp: 661429
Ion Ratio Lower Upper
106 100
91 224.6 105.2 315.5



#70
Styrene
Concen: 104.722 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:104 Resp: 996973
Ion Ratio Lower Upper
104 100
78 57.0 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 98.784 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

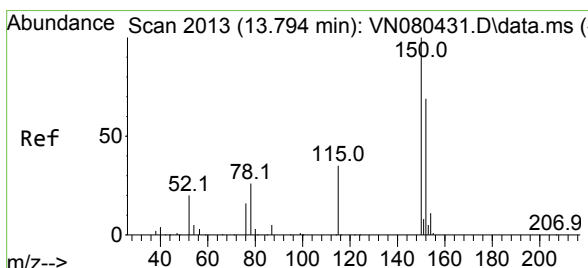
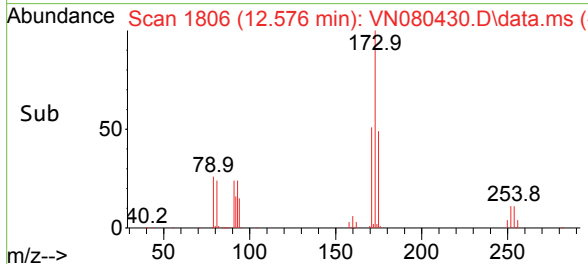
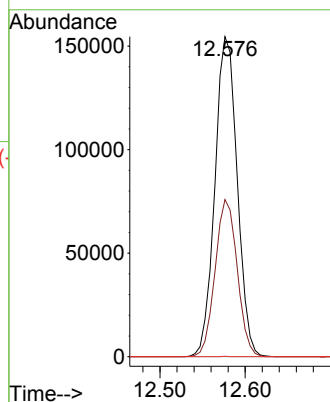
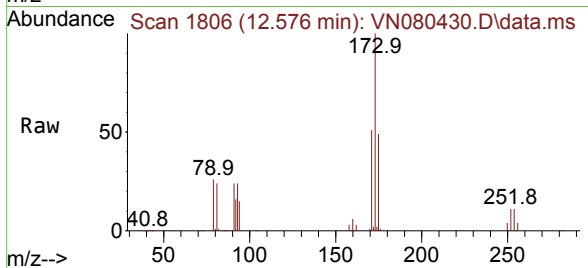
Tgt Ion:173 Resp: 281108

Ion Ratio Lower Upper

173 100

175 48.7 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. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

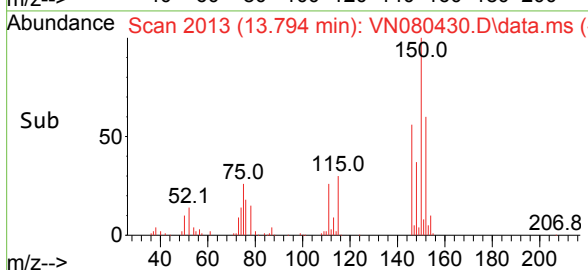
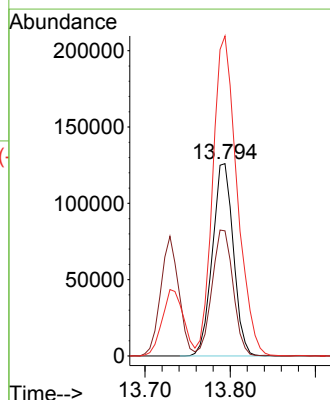
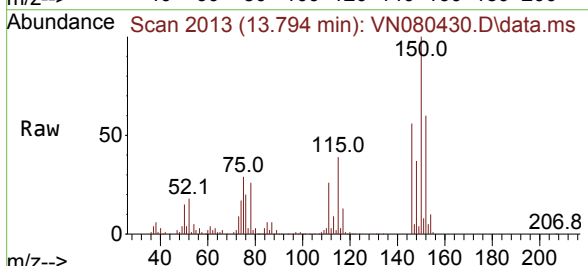
Tgt Ion:152 Resp: 215001

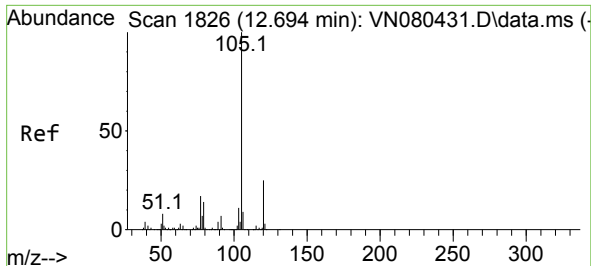
Ion Ratio Lower Upper

152 100

115 66.0 32.3 96.8

150 192.9 0.0 355.8

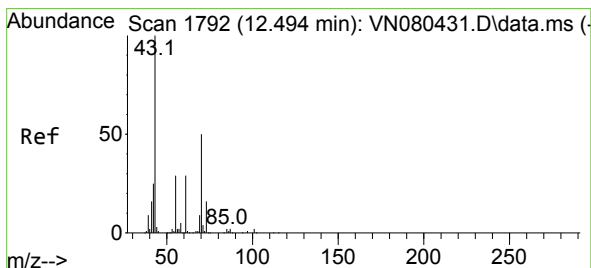
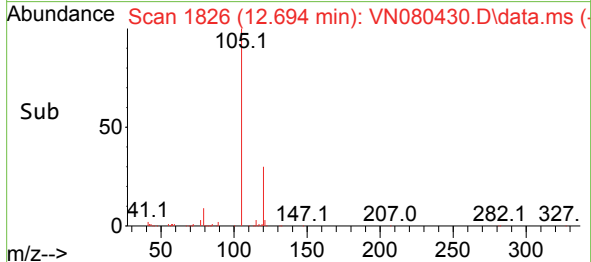
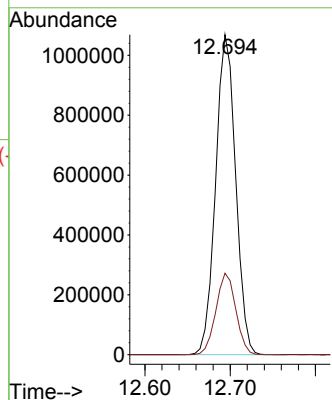
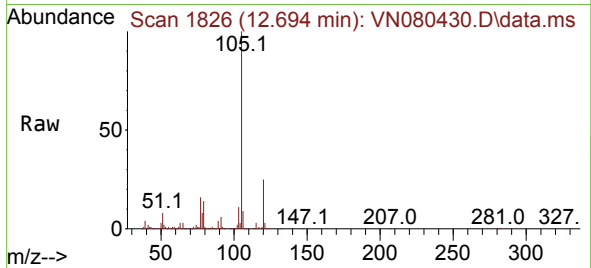




#73
Isopropylbenzene
Concen: 100.880 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

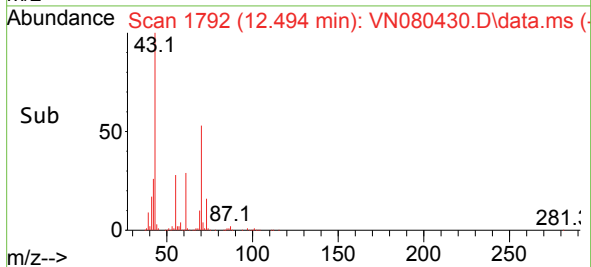
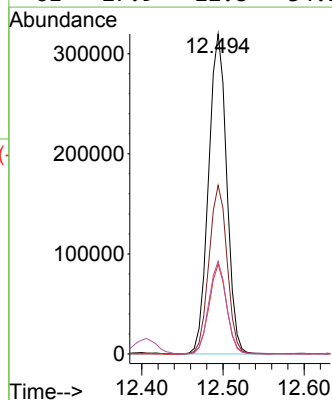
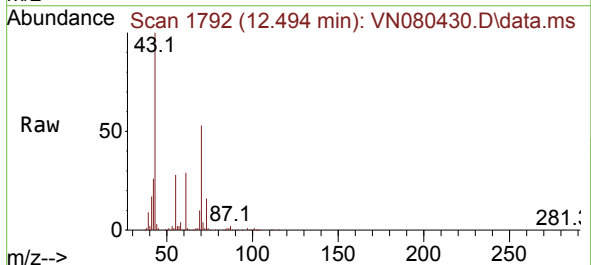
Instrument :
MSVOA_N
ClientSampleId :

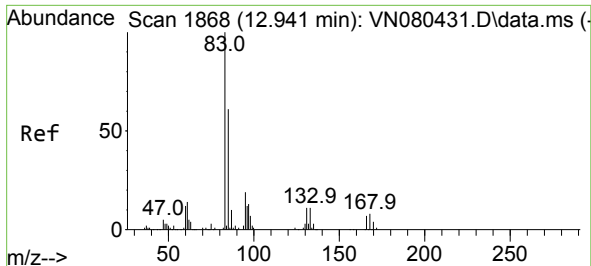
Tgt Ion:105 Resp: 1742354
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1



#74
N-ethyl acetate
Concen: 98.325 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion: 43 Resp: 495915
Ion Ratio Lower Upper
43 100
70 52.6 43.4 65.2
55 27.4 21.4 32.0
61 27.9 22.8 34.2

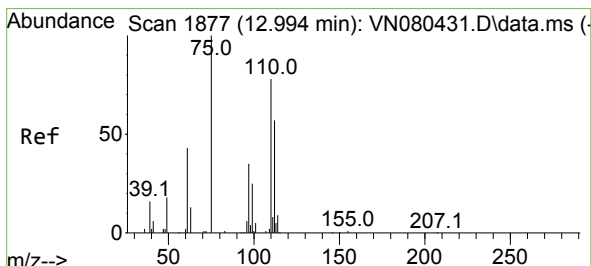
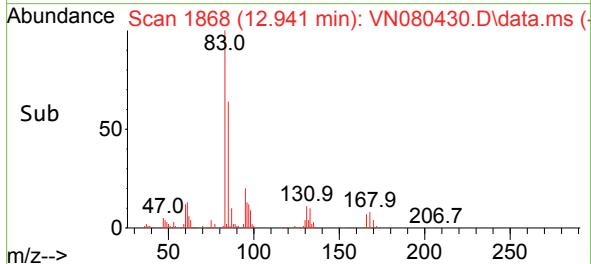
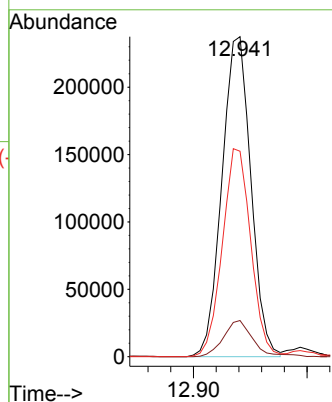
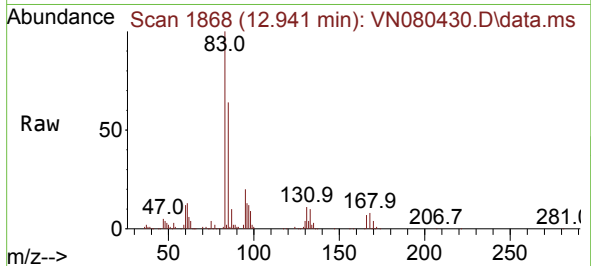




#75
 1,1,2-Tetrachloroethane
 Concen: 90.751 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

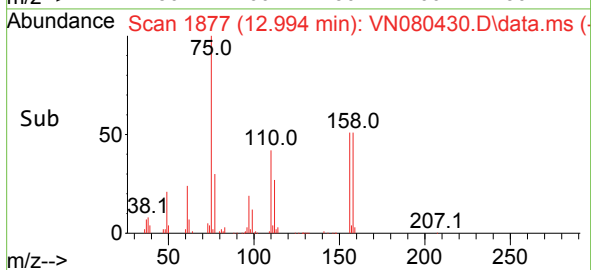
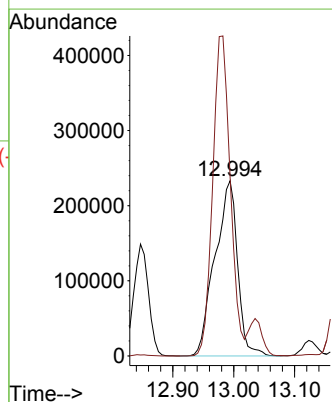
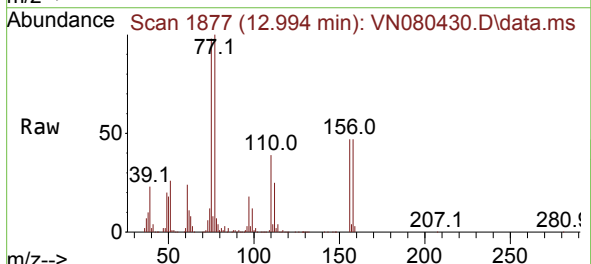
Instrument :
 MSVOA_N
 ClientSampleId :

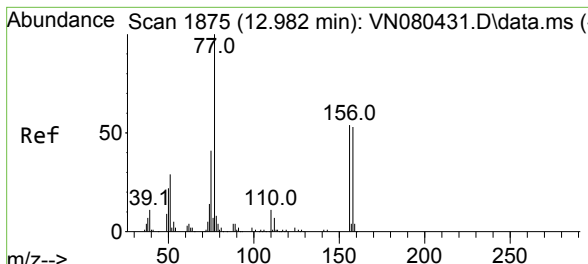
Tgt Ion: 83 Resp: 420007
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.0 15.0
 85 63.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 128.222 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion: 75 Resp: 600793
 Ion Ratio Lower Upper
 75 100
 77 142.7 84.5 253.5

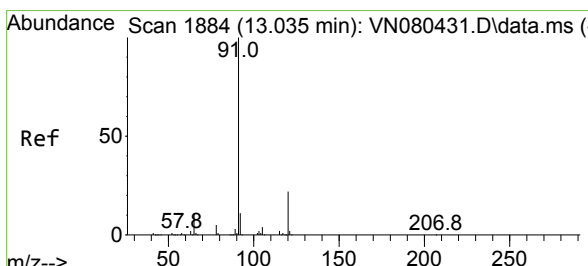
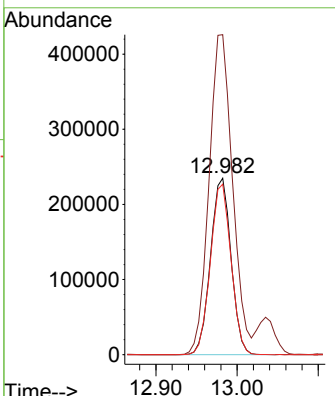
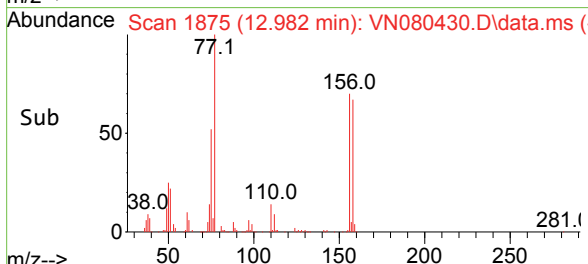
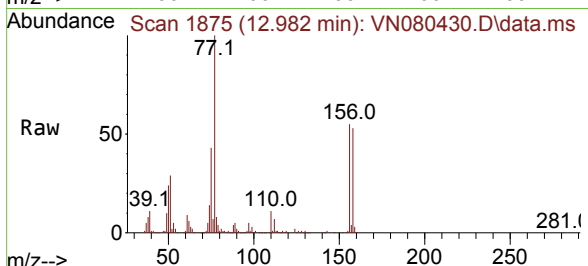




#77
 Bromobenzene
 Concen: 97.325 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

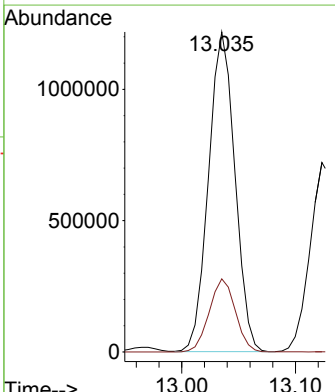
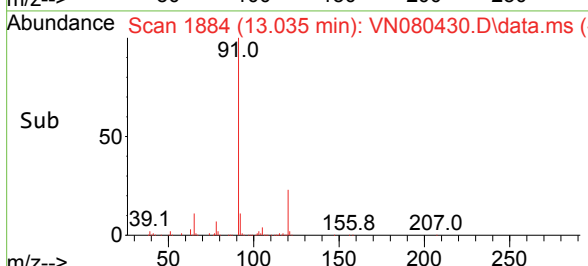
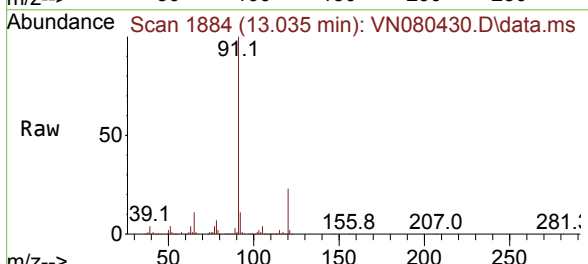
Instrument :
 MSVOA_N
 ClientSampleId :

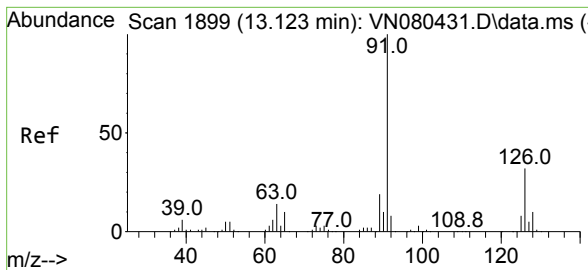
Tgt Ion:	156	Resp:	413515
Ion Ratio	Lower	Upper	
156	100		
77	207.3	107.7	323.3
158	97.1	48.4	145.3



#78
 n-propylbenzene
 Concen: 103.118 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion:	91	Resp:	1963676
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4

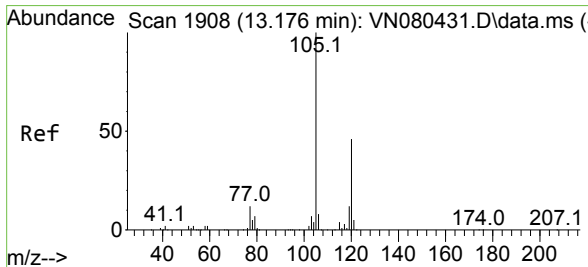
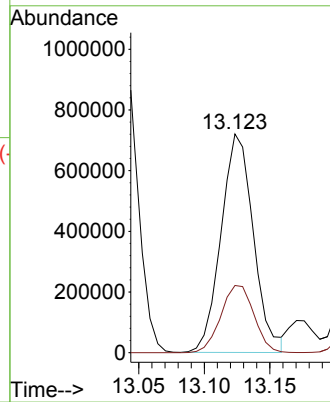
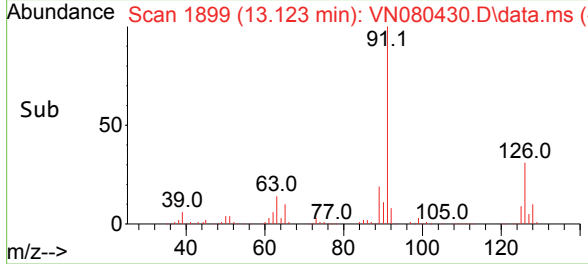
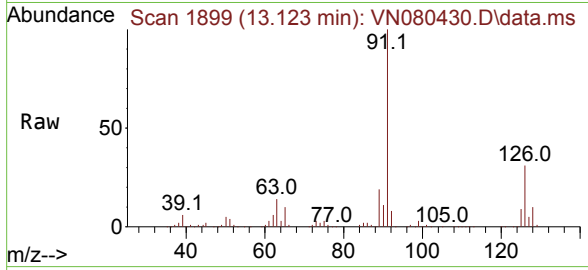




#79
2-Chlorotoluene
Concen: 99.477 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

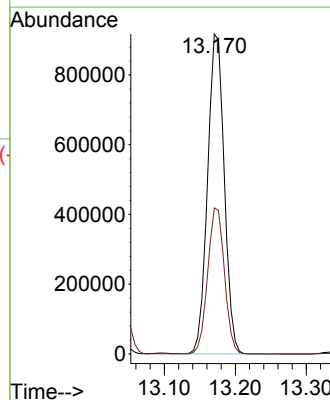
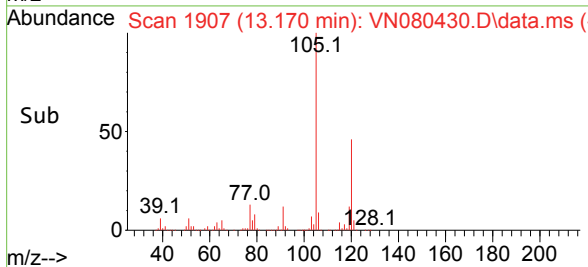
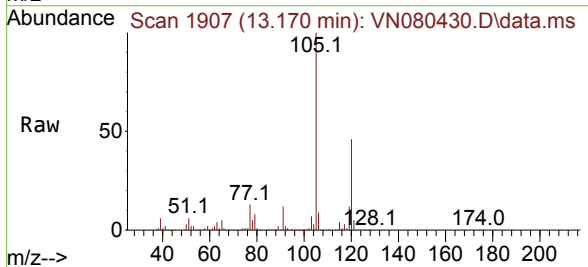
Instrument :
MSVOA_N
ClientSampleId :

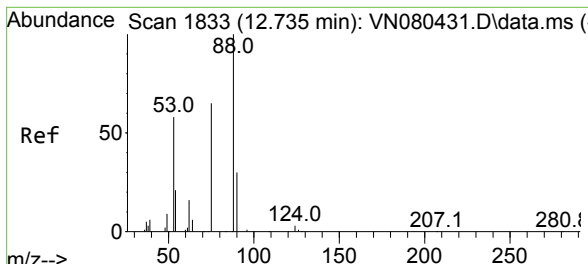
Tgt Ion: 91 Resp: 1236736
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 100.917 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080430.D
Acq: 12 Dec 2023 10:09

Tgt Ion:105 Resp: 1501161
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3

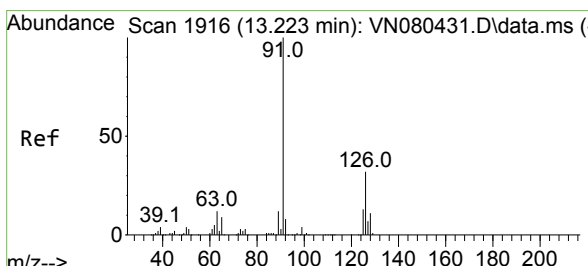
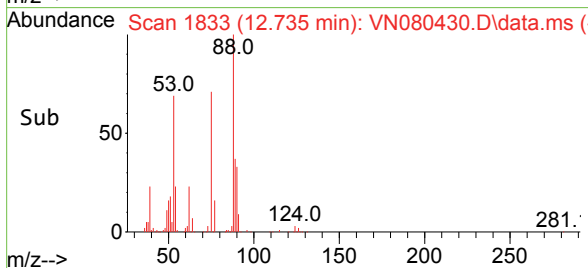
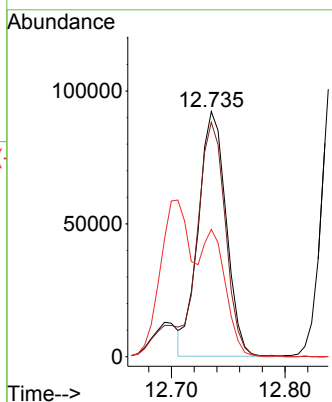
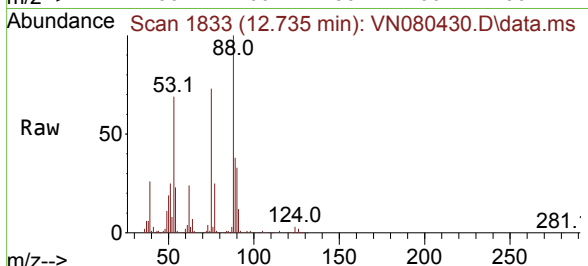




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.827 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

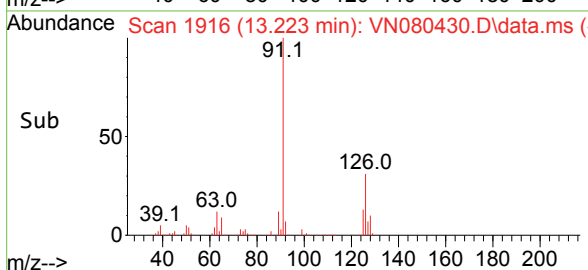
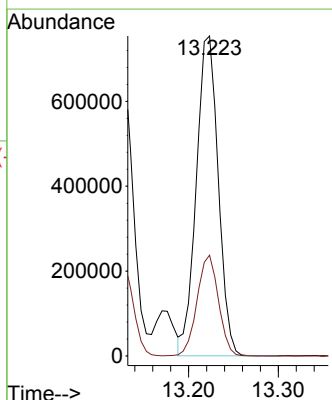
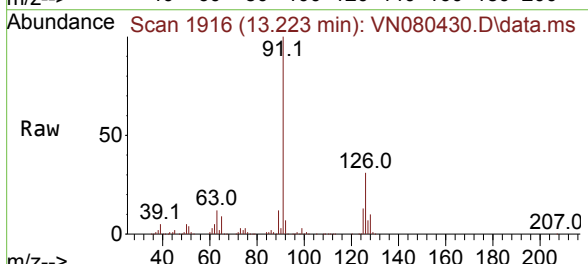
Instrument :
 MSVOA_N
 ClientSampleId :

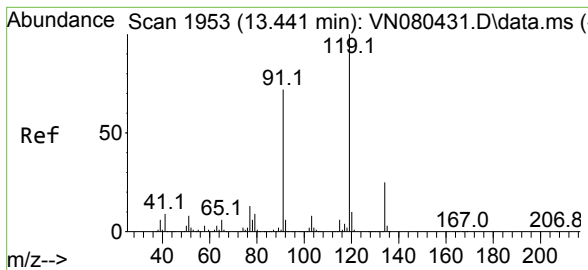
Tgt Ion:	75	Resp:	156544
Ion	Ratio	Lower	Upper
75	100		
53	107.9	67.4	101.2#
89	41.9	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 100.141 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion:	91	Resp:	1279689
Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.7	50.0

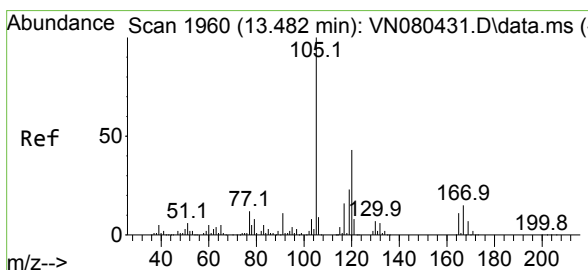
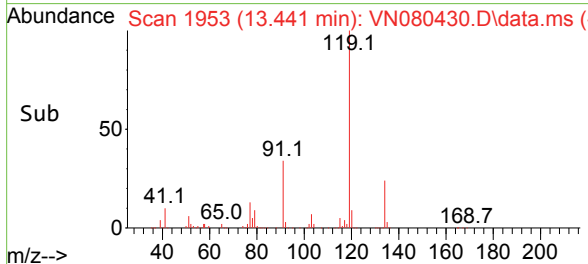
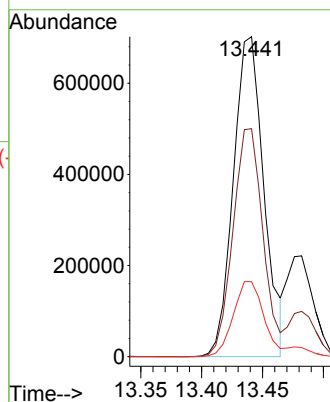
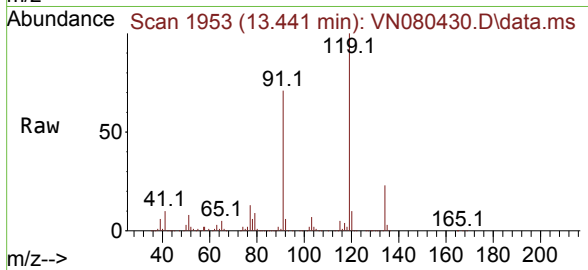




#83
 tert-Butylbenzene
 Concen: 100.633 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

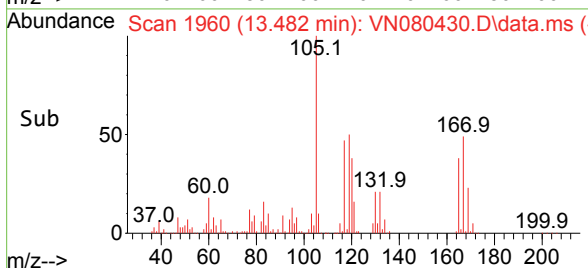
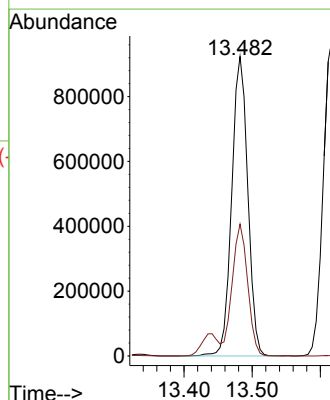
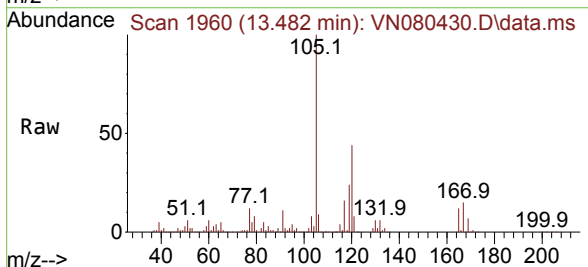
Instrument :
 MSVOA_N
 ClientSampleId :

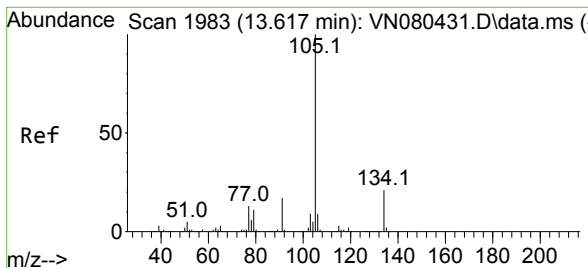
Tgt Ion:119 Resp: 1225938
 Ion Ratio Lower Upper
 119 100
 91 70.0 33.9 101.7
 134 23.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 102.232 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion:105 Resp: 1512848
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 101.899 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

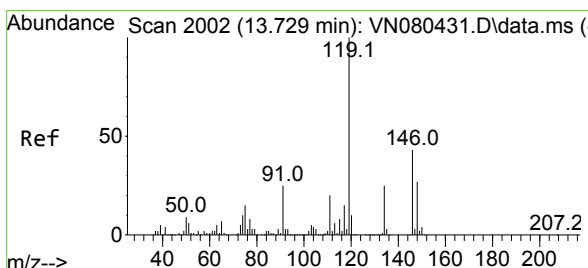
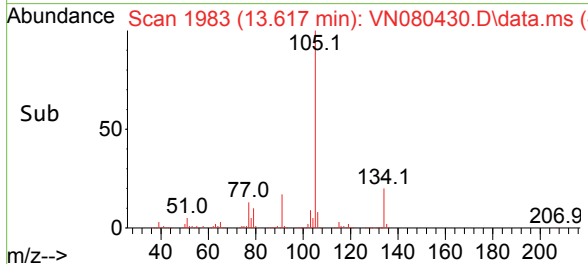
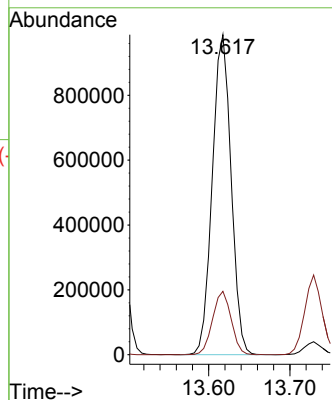
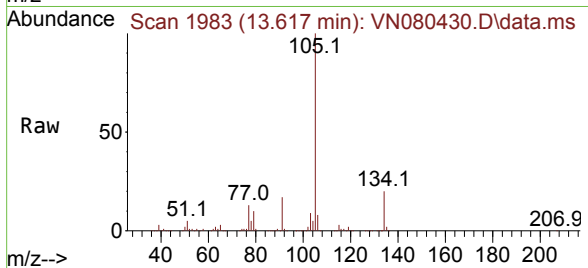
ClientSampleId :

Tgt Ion:105 Resp: 1587954

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 103.665 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

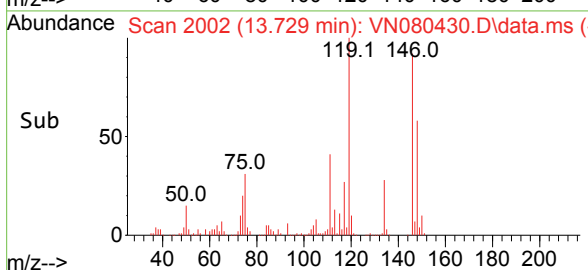
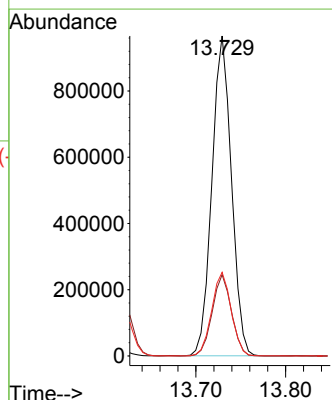
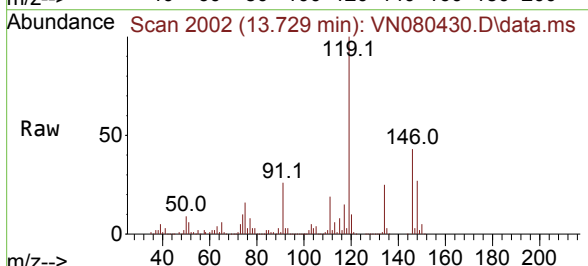
Tgt Ion:119 Resp: 1458653

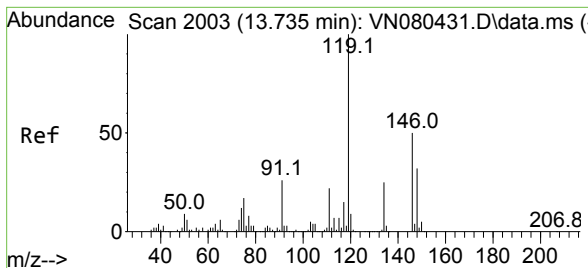
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 98.663 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

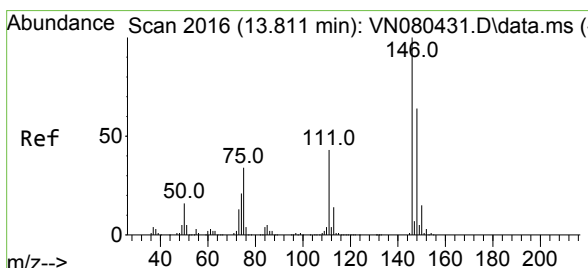
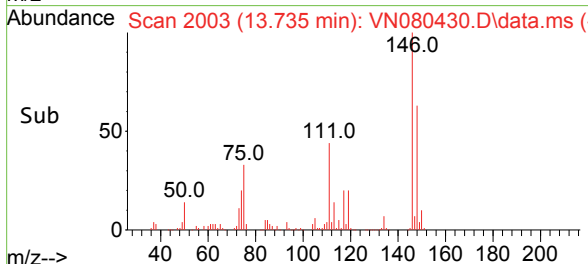
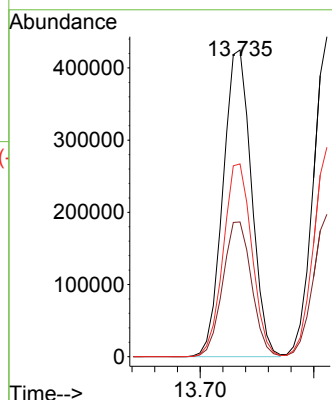
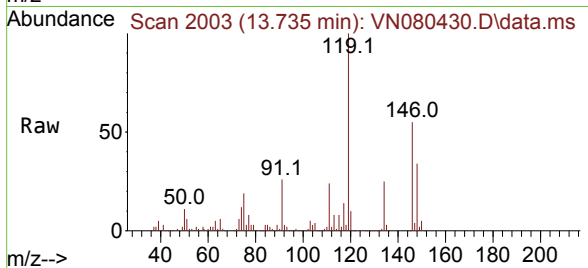
Tgt Ion:146 Resp: 738578

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.3

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 97.950 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

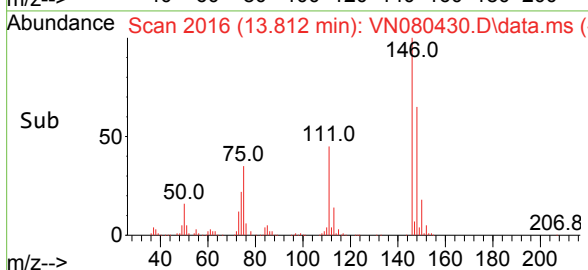
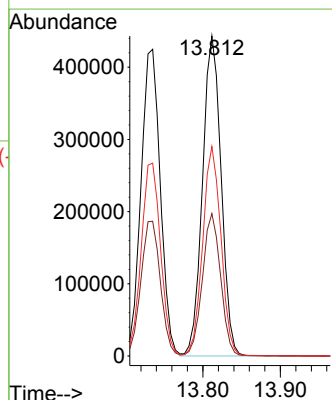
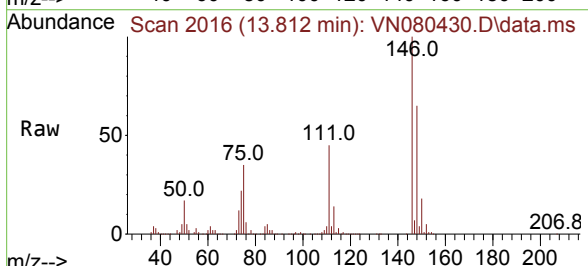
Tgt Ion:146 Resp: 740158

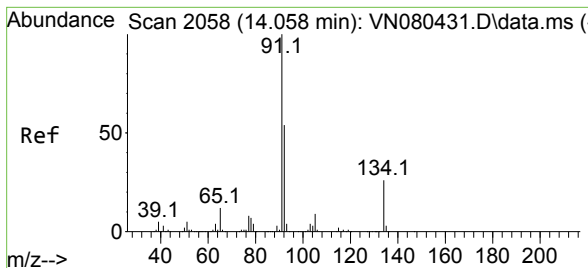
Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.8

148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 105.663 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

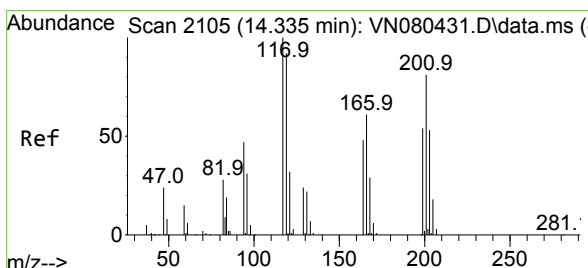
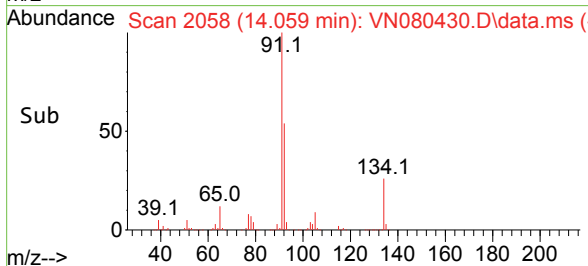
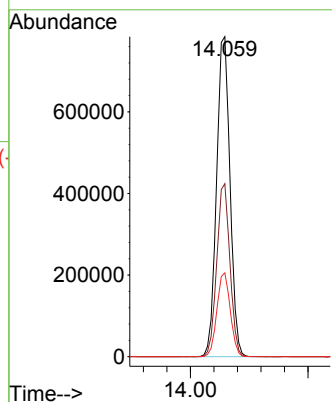
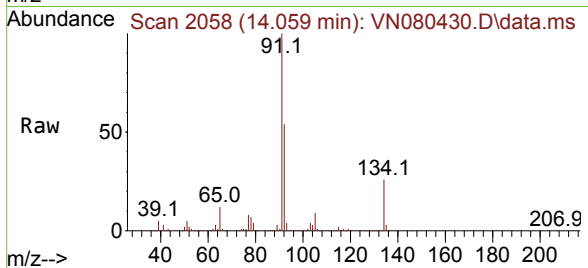
Tgt Ion: 91 Resp: 1241601

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 102.692 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080430.D

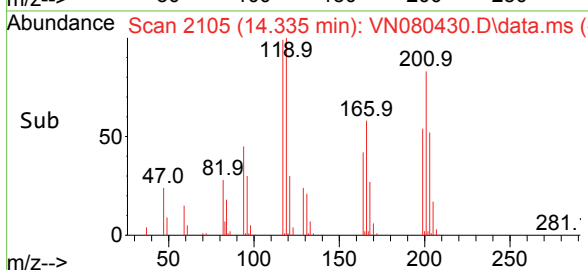
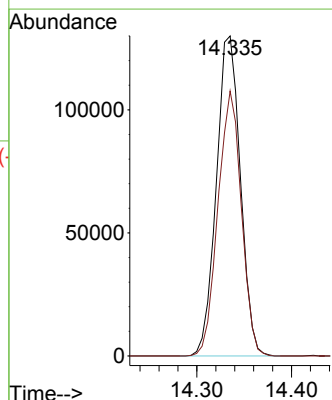
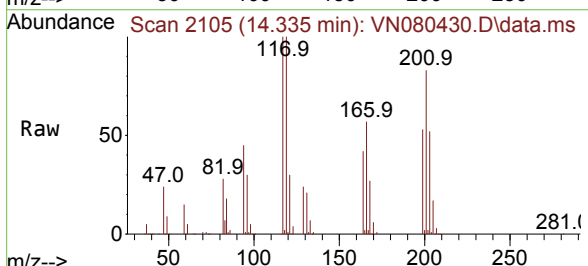
Acq: 12 Dec 2023 10:09

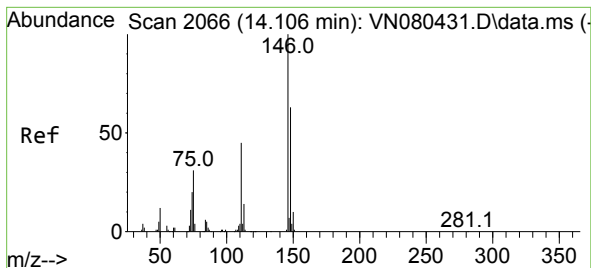
Tgt Ion: 117 Resp: 229479

Ion Ratio Lower Upper

117 100

201 80.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 96.435 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

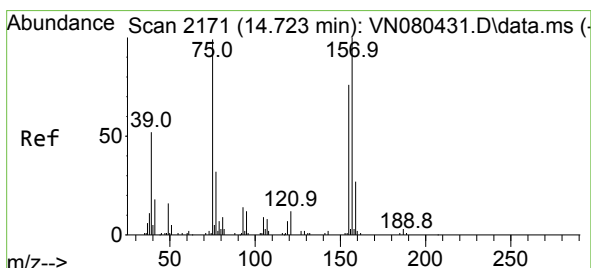
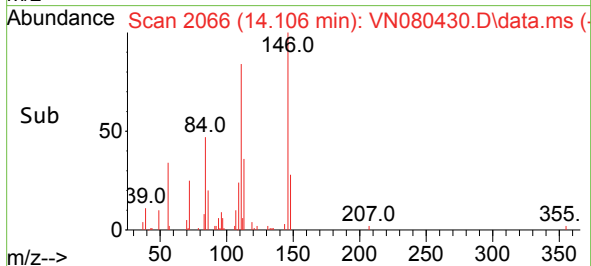
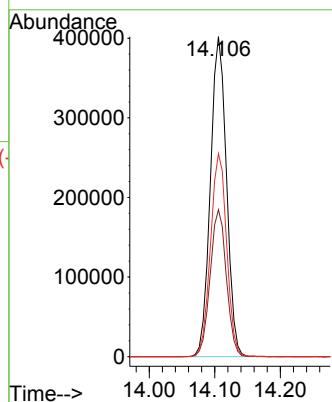
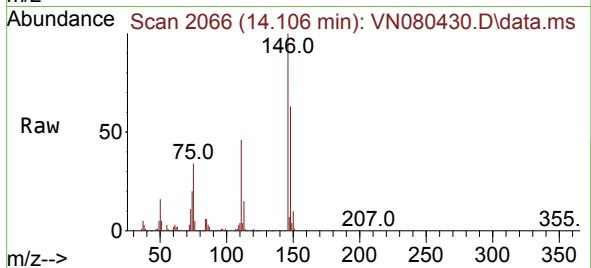
Tgt Ion:146 Resp: 685502

Ion Ratio Lower Upper

146 100

111 46.3 22.0 66.0

148 63.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.537 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

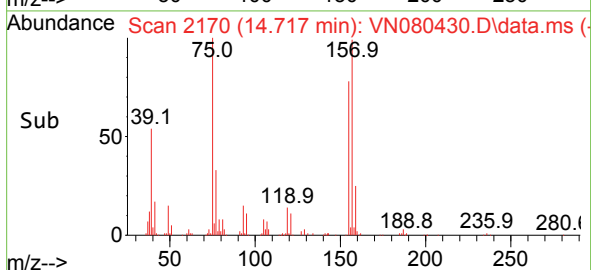
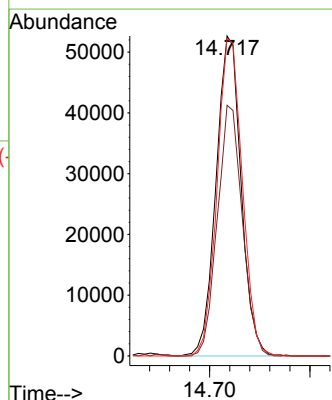
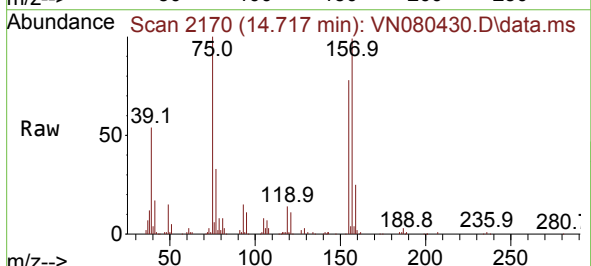
Tgt Ion: 75 Resp: 91057

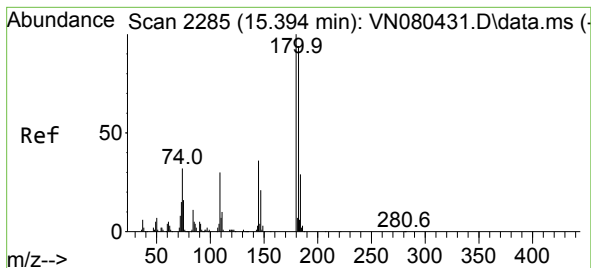
Ion Ratio Lower Upper

75 100

155 78.2 39.1 117.2

157 99.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 102.905 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

Instrument :

MSVOA_N

ClientSampleId :

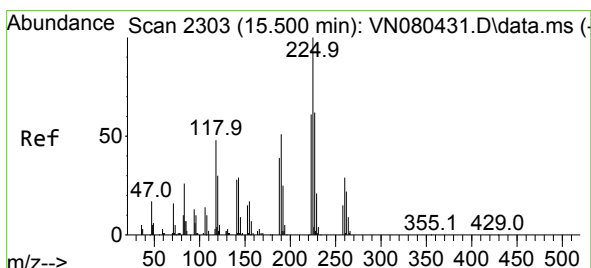
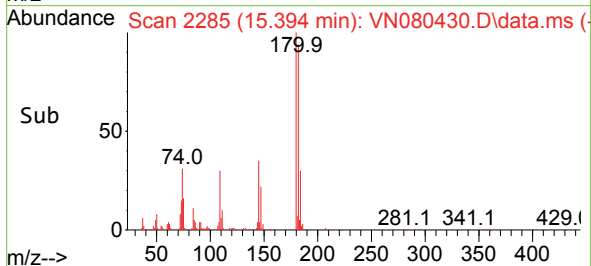
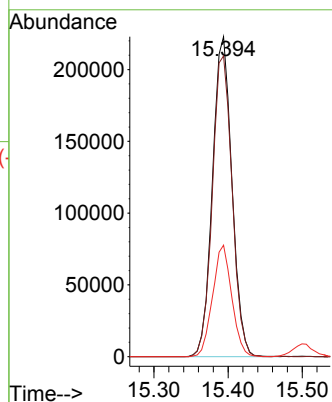
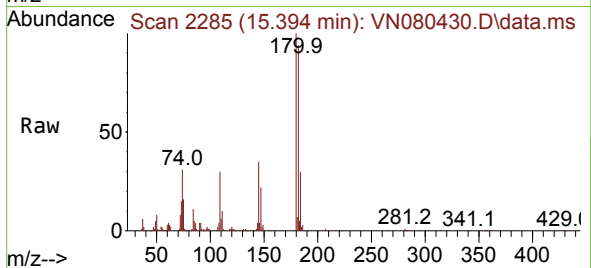
Tgt Ion:180 Resp: 406138

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

145 34.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 90.873 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080430.D

Acq: 12 Dec 2023 10:09

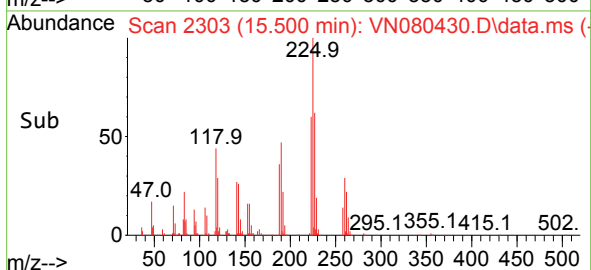
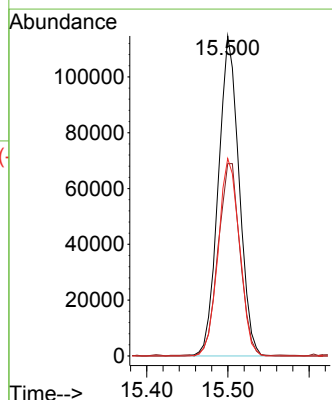
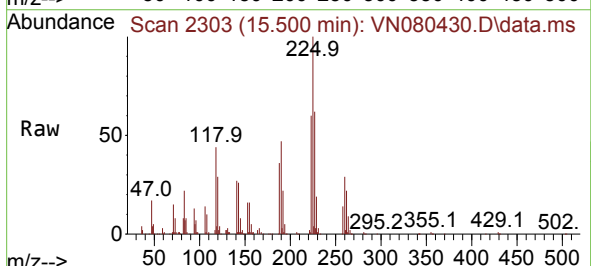
Tgt Ion:225 Resp: 204180

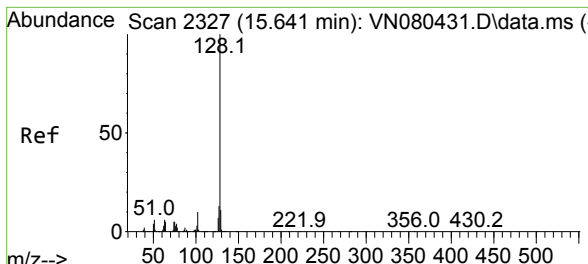
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.8

227 63.2 31.9 95.9



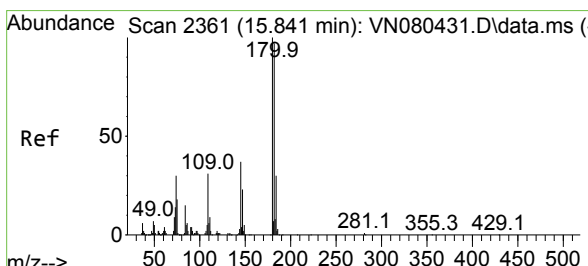
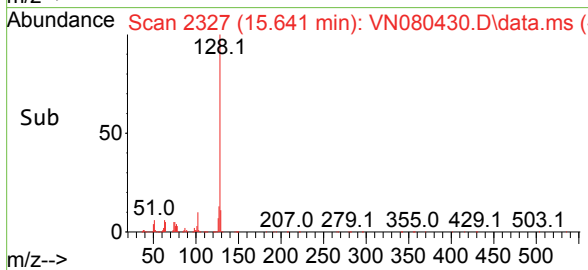
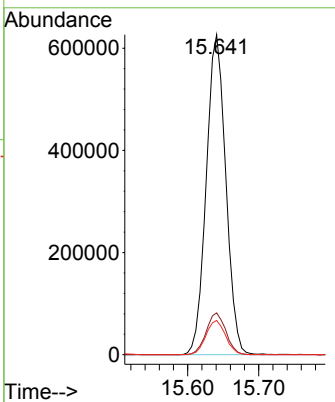
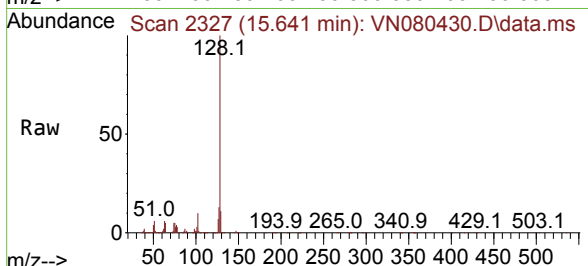


#95
 Naphthalene
 Concen: 99.853 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:128 Resp: 1196707

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.8	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 100.933 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080430.D
 Acq: 12 Dec 2023 10:09

Tgt Ion:180 Resp: 384410

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.2	138.6
145	35.6	17.5	52.6

