

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021424\  
 Data File : VN081020.D  
 Acq On : 14 Feb 2024 12:37  
 Operator : JC\MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 15 07:37:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 07:35:29 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	610327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1094611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	947331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	341458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144720	19.278	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	38.560%#
35) Dibromofluoromethane	8.165	113	121867	19.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	38.840%#
50) Toluene-d8	10.565	98	424098	19.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.320%#
62) 4-Bromofluorobenzene	12.847	95	149797	19.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.800%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	152315	19.459	ug/l	97
3) Chloromethane	2.365	50	189938	19.994	ug/l	99
4) Vinyl Chloride	2.518	62	161369	19.629	ug/l	92
5) Bromomethane	2.948	94	84699	20.420	ug/l	89
6) Chloroethane	3.112	64	101705	19.242	ug/l	97
7) Trichlorofluoromethane	3.495	101	238735	20.631	ug/l	90
8) Diethyl Ether	3.953	74	93137	20.301	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	144239	21.122	ug/l	91
10) Methyl Iodide	4.589	142	142556	20.557	ug/l	99
11) Tert butyl alcohol	5.518	59	142182	105.586	ug/l	100
12) 1,1-Dichloroethene	4.336	96	140104	21.062	ug/l	100
13) Acrolein	4.177	56	114256	101.279	ug/l	98
14) Allyl chloride	5.024	41	219292	20.243	ug/l	93
15) Acrylonitrile	5.712	53	361968	104.954	ug/l	98
16) Acetone	4.424	43	280220	95.352	ug/l	99
17) Carbon Disulfide	4.712	76	388091	20.136	ug/l	97
18) Methyl Acetate	5.024	43	147103	19.005	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	498366	21.471	ug/l	94
20) Methylene Chloride	5.277	84	155288	20.286	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	149222	20.405	ug/l	97
22) Diisopropyl ether	6.665	45	495144	20.897	ug/l #	96
23) Vinyl Acetate	6.600	43	2045920	107.150	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	286196	21.660	ug/l	98
25) 2-Butanone	7.483	43	487623	102.206	ug/l	96
26) 2,2-Dichloropropane	7.489	77	258868	21.287	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	177389	20.988	ug/l	88
28) Bromochloromethane	7.812	49	109355	20.500	ug/l #	73
29) Tetrahydrofuran	7.836	42	315853	103.012	ug/l #	88
30) Chloroform	7.965	83	292908	20.656	ug/l	100
31) Cyclohexane	8.253	56	261097	20.021	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	261348	20.872	ug/l	90
36) 1,1-Dichloropropene	8.371	75	216846	20.708	ug/l	97
37) Ethyl Acetate	7.559	43	208523	21.769	ug/l	99
38) Carbon Tetrachloride	8.359	117	166787	21.760	ug/l	99
39) Methylcyclohexane	9.600	83	270193	20.973	ug/l	91
40) Benzene	8.606	78	641789	20.726	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	118544	20.387	ug/l	97
42) 1,2-Dichloroethane	8.671	62	225095	20.479	ug/l	100
43) Isopropyl Acetate	8.688	43	363399	20.249	ug/l #	96
44) Trichloroethene	9.353	130	188537	20.556	ug/l	97
45) 1,2-Dichloropropane	9.618	63	162416	21.203	ug/l	100
46) Dibromomethane	9.706	93	112189	20.749	ug/l	91
47) Bromodichloromethane	9.888	83	222950	21.039	ug/l #	96
48) Methyl methacrylate	9.677	41	172354	20.398	ug/l	94
49) 1,4-Dioxane	9.694	88	71074	451.601	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1050578	104.970	ug/l	96
52) Toluene	10.630	92	411424	21.270	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	263170	21.080	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	278378	21.084	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	155740	21.411	ug/l	91
56) Ethyl methacrylate	10.877	69	253298	21.268	ug/l	90
57) 1,3-Dichloropropane	11.165	76	269868	20.768	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	607994	102.880	ug/l #	89
59) 2-Hexanone	11.194	43	777739	105.810	ug/l	97
60) Dibromochloromethane	11.359	129	146441	21.172	ug/l	99
61) 1,2-Dibromoethane	11.471	107	160332	20.963	ug/l	96
64) Tetrachloroethene	11.106	164	201820	20.897	ug/l	91
65) Chlorobenzene	11.894	112	410826	20.681	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	144514	21.131	ug/l	97
67) Ethyl Benzene	11.965	91	794884	21.225	ug/l	97
68) m/p-Xylenes	12.071	106	594998	43.083	ug/l	97
69) o-Xylene	12.400	106	284466	21.238	ug/l	97
70) Styrene	12.412	104	455546	21.339	ug/l	99
71) Bromoform	12.582	173	74469	21.403	ug/l #	96
73) Isopropylbenzene	12.694	105	734881	21.301	ug/l	97
74) N-amyl acetate	12.494	43	337553	21.267	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	179251	21.169	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	244828	33.006	ug/l	66
77) Bromobenzene	12.982	156	148926	21.313	ug/l	77
78) n-propylbenzene	13.035	91	857173	21.774	ug/l	98
79) 2-Chlorotoluene	13.123	91	482373	21.215	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	575130	21.487	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	69078	21.313	ug/l	93
82) 4-Chlorotoluene	13.223	91	455984	20.752	ug/l	97
83) tert-Butylbenzene	13.441	119	491223	21.431	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	551942	21.402	ug/l	96
85) sec-Butylbenzene	13.618	105	687265	21.856	ug/l	94
86) p-Isopropyltoluene	13.729	119	550128	21.755	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	248085	20.878	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	253501	20.648	ug/l	98
89) n-Butylbenzene	14.059	91	475543	20.545	ug/l	97
90) Hexachloroethane	14.341	117	7013	20.092	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	244818	21.254	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39285	22.018	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	141715	20.536	ug/l	97
94) Hexachlorobutadiene	15.500	225	58083	20.351	ug/l	95
95) Naphthalene	15.641	128	504260	20.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139586	20.641	ug/l	96

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Quant Title : SW846 8260  
QLast Update : Thu Feb 15 07:35:29 2024  
Response via : Initial Calibration

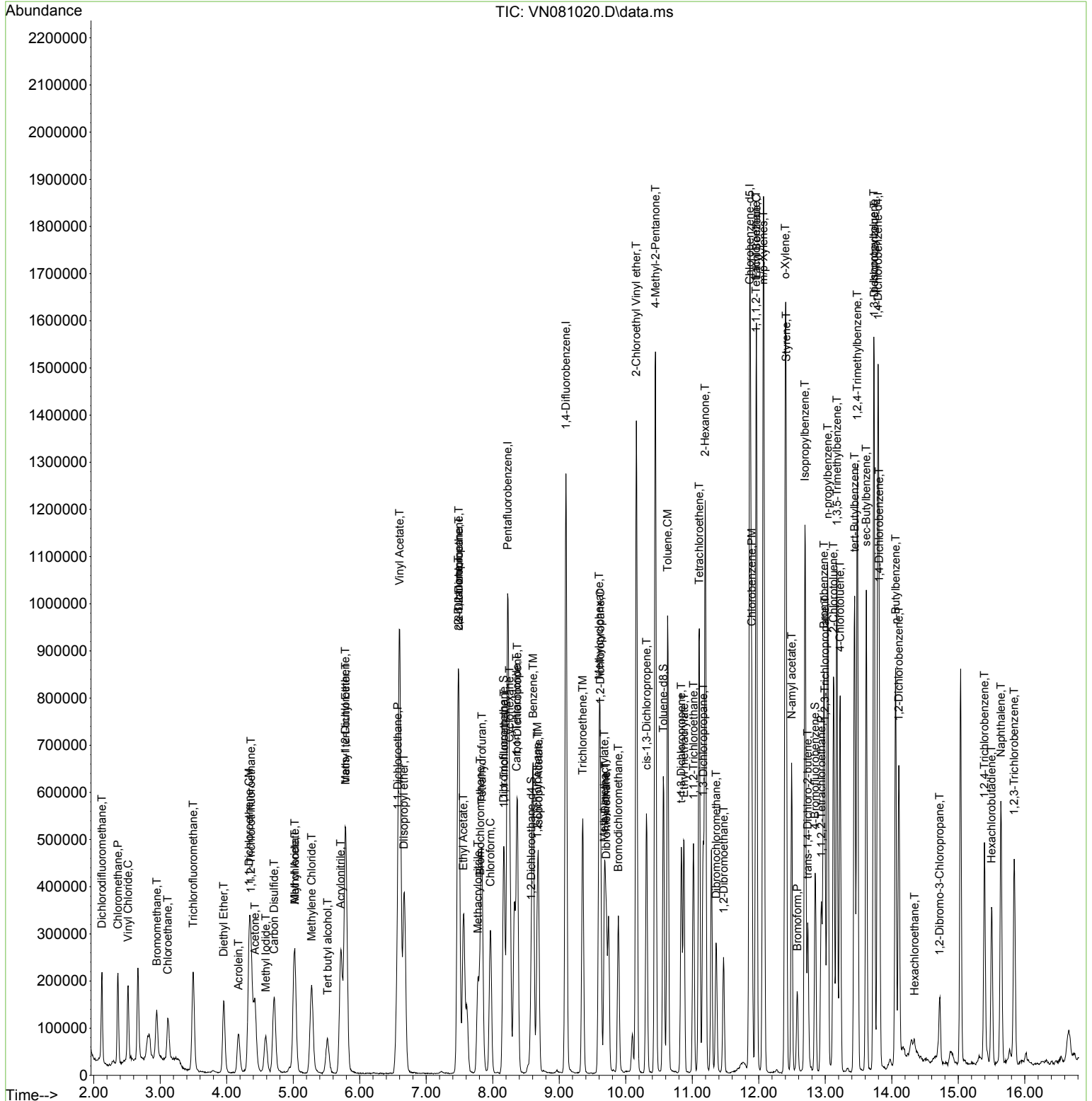
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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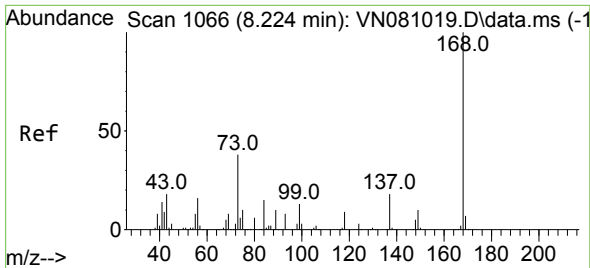
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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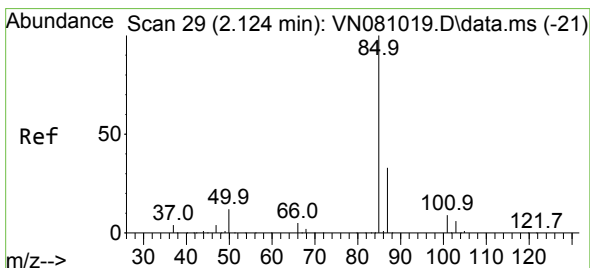
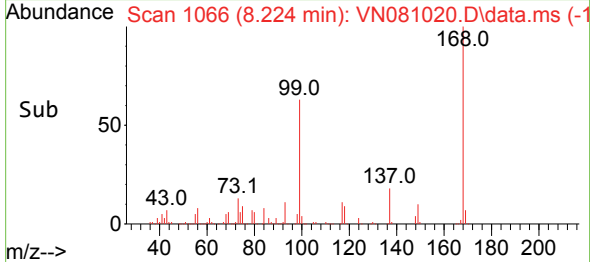
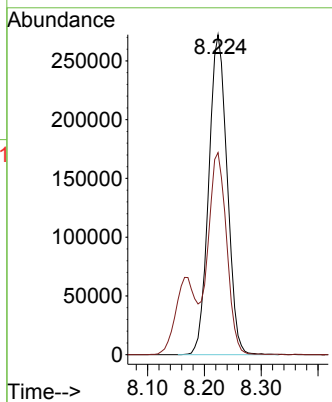
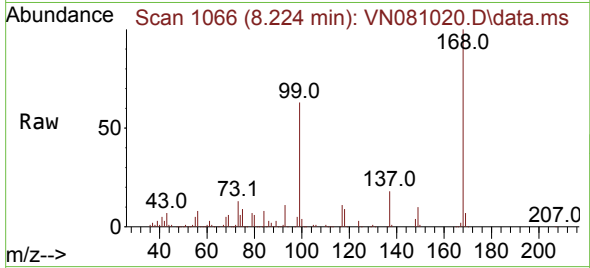




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 10  
 Delta R.T. -0.000 min  
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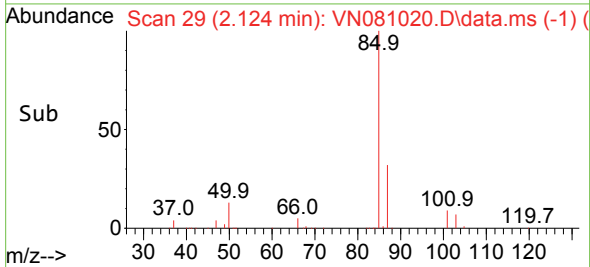
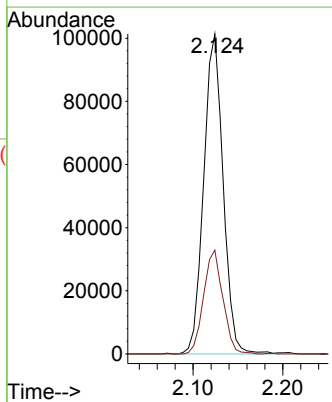
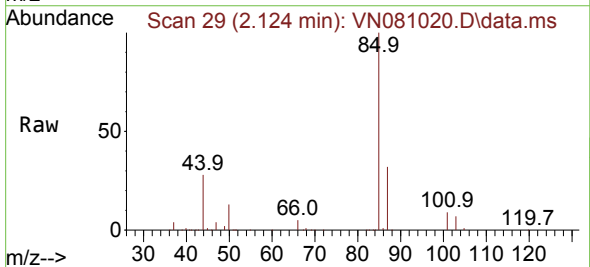
Instrument :  
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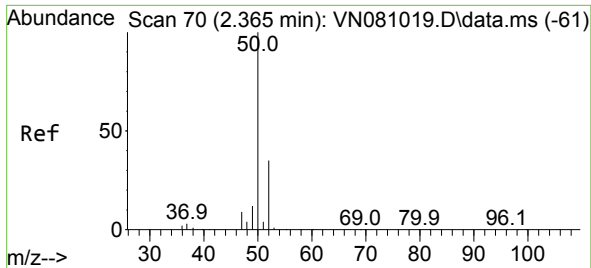
Tgt Ion:168 Resp: 610327  
 Ion Ratio Lower Upper  
 168 100  
 99 63.0 59.9 89.9



#2  
 Dichlorodifluoromethane  
 Concen: 19.459 ug/l  
 RT: 2.124 min Scan# 29  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 85 Resp: 152315  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 15.3 45.9

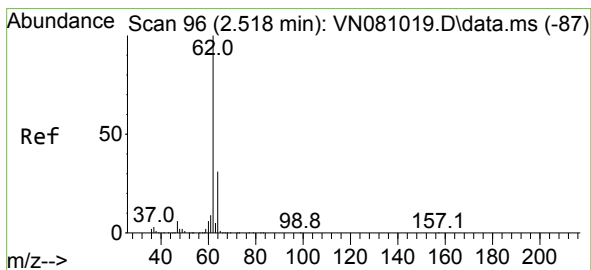
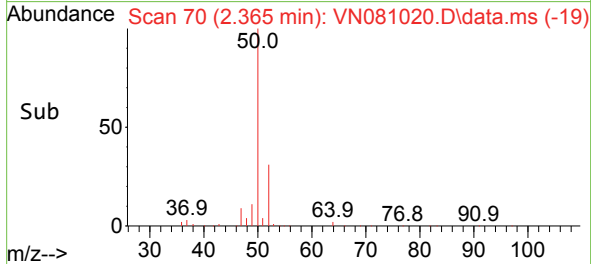
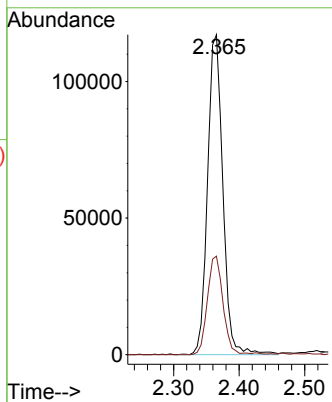
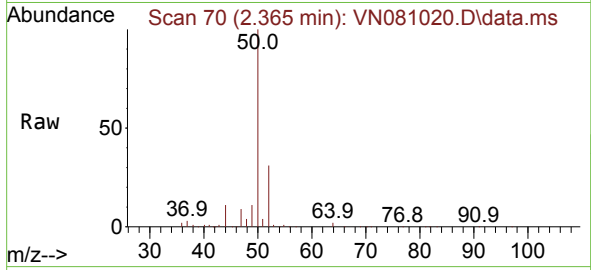




#3  
 Chloromethane  
 Concen: 19.994 ug/l  
 RT: 2.365 min Scan# 70  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

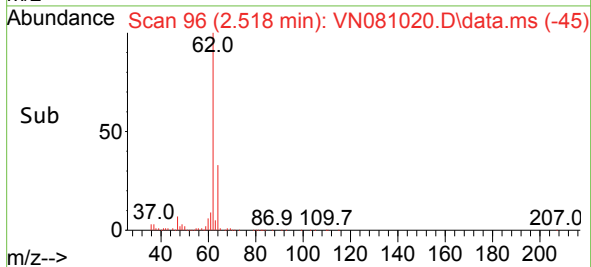
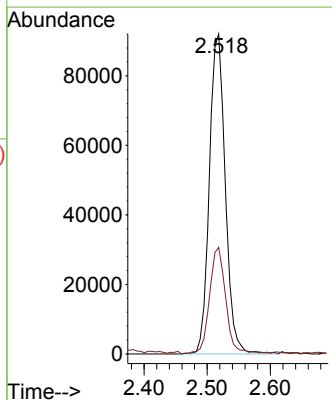
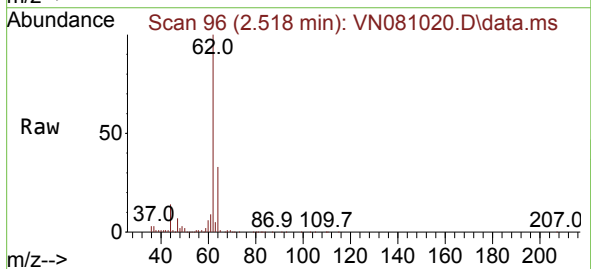
Instrument : MSVOA\_N  
 ClientSampleId :

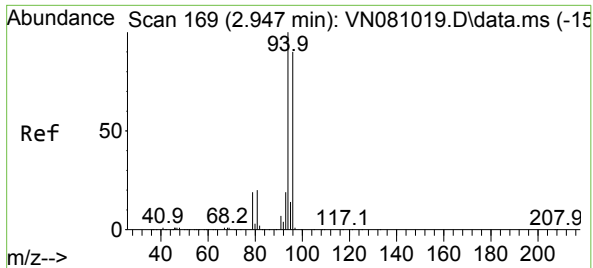
Tgt Ion: 50 Resp: 189938  
 Ion Ratio Lower Upper  
 50 100  
 52 30.8 25.0 37.4



#4  
 Vinyl Chloride  
 Concen: 19.629 ug/l  
 RT: 2.518 min Scan# 96  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

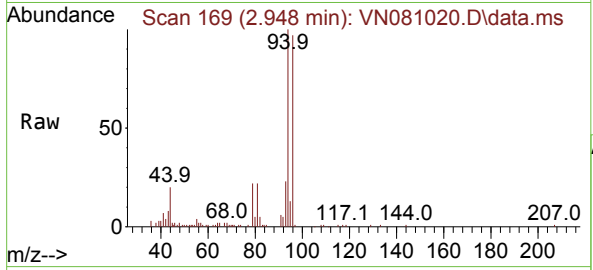
Tgt Ion: 62 Resp: 161369  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 22.7 34.1



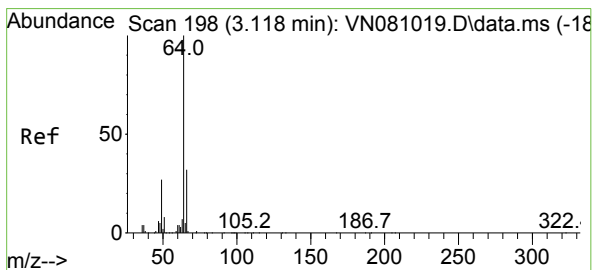
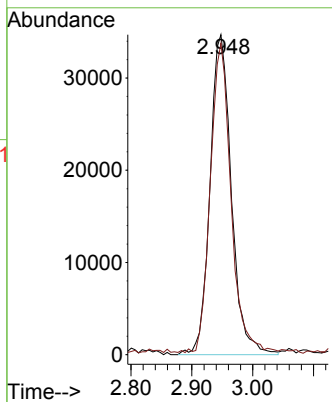
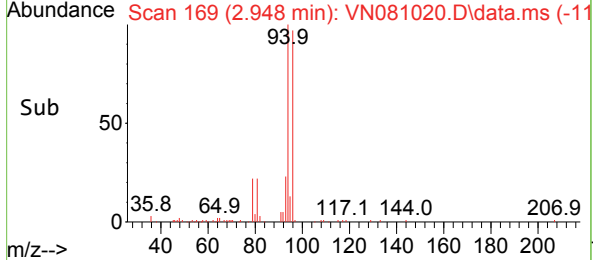


#5  
 Bromomethane  
 Concen: 20.420 ug/l  
 RT: 2.948 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
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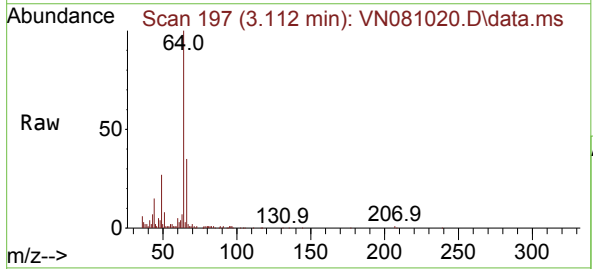
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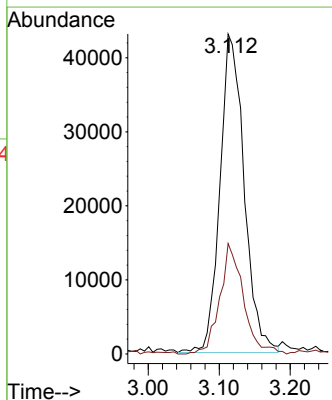
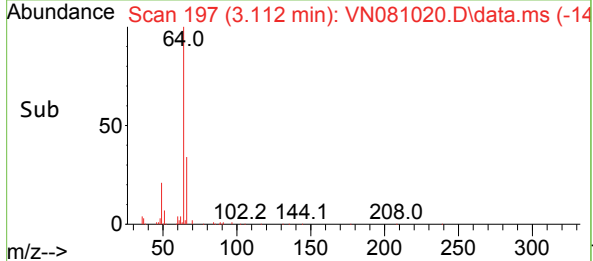
Tgt Ion: 94 Resp: 84699  
 Ion Ratio Lower Upper  
 94 100  
 96 96.6 69.2 103.8

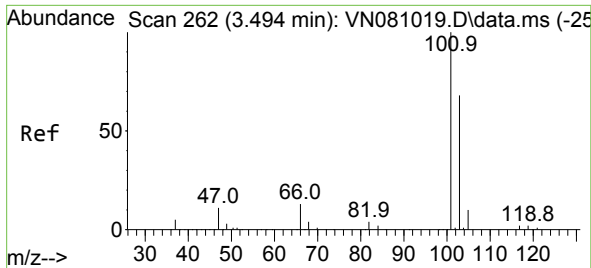


#6  
 Chloroethane  
 Concen: 19.242 ug/l  
 RT: 3.112 min Scan# 197  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
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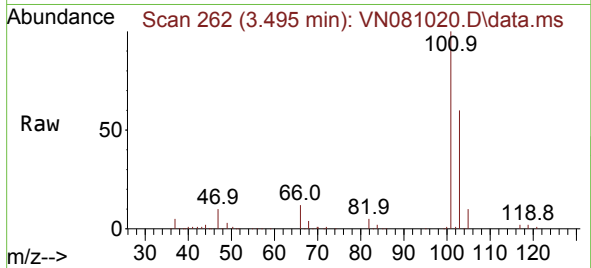
Tgt Ion: 64 Resp: 101705  
 Ion Ratio Lower Upper  
 64 100  
 66 34.7 26.4 39.6



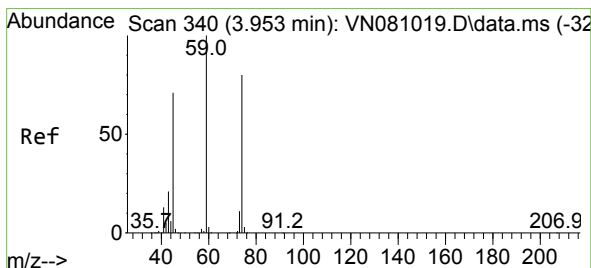
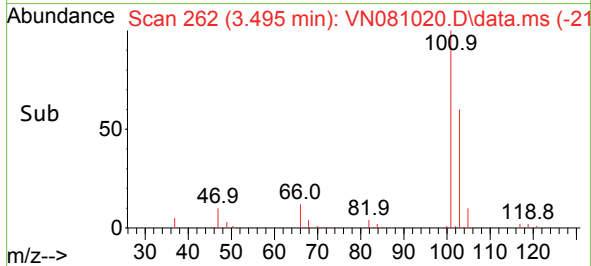
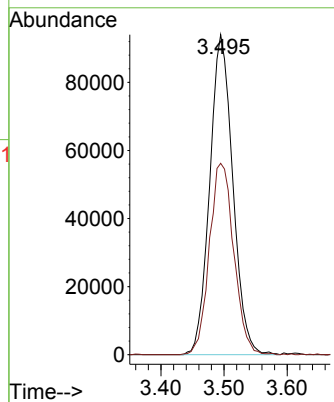


#7  
 Trichlorofluoromethane  
 Concen: 20.631 ug/l  
 RT: 3.495 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
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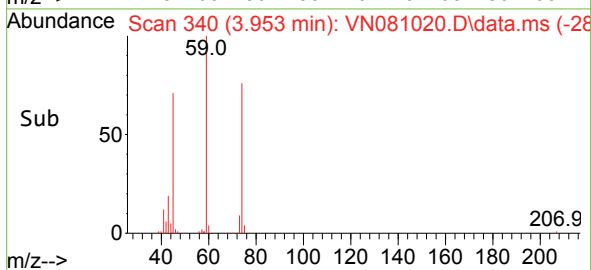
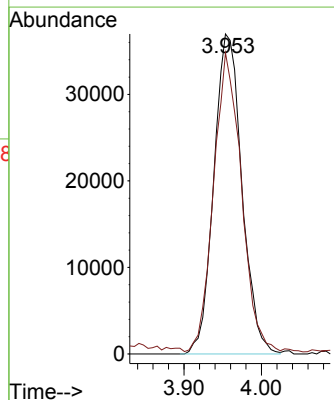
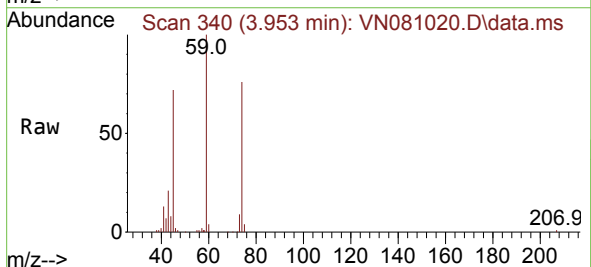


Tgt Ion:101 Resp: 238735  
 Ion Ratio Lower Upper  
 101 100  
 103 59.8 54.4 81.6

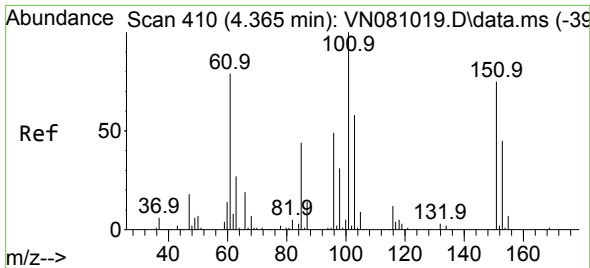


#8  
 Diethyl Ether  
 Concen: 20.301 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. 0.000 min  
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Tgt Ion: 74 Resp: 93137  
 Ion Ratio Lower Upper  
 74 100  
 45 92.0 53.3 159.9

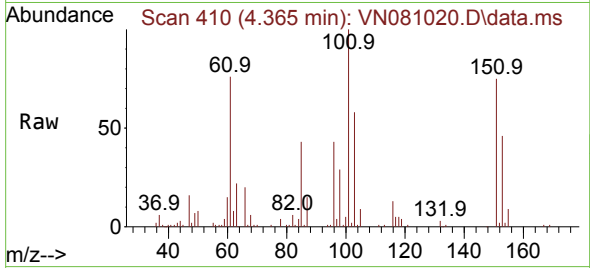




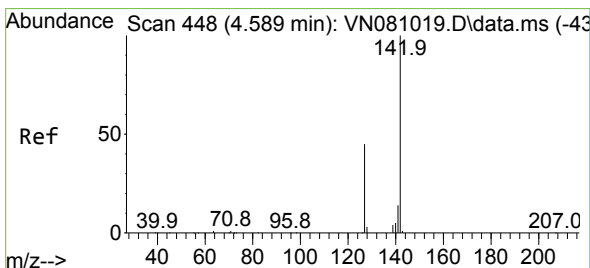
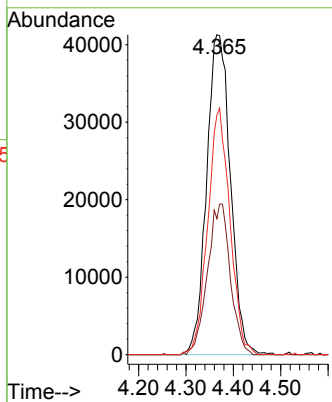
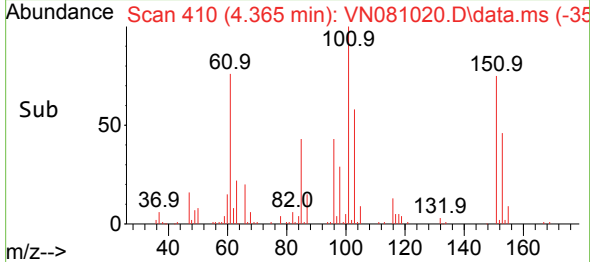


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.122 ug/l  
 RT: 4.365 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

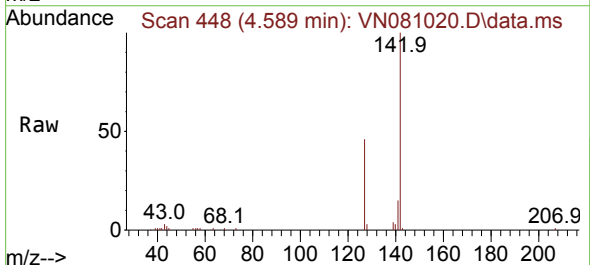
Instrument :  
 MSVOA\_N  
 ClientSampleId :



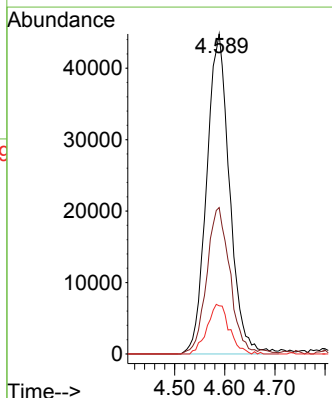
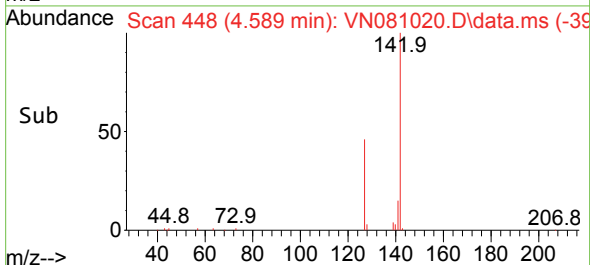
Tgt Ion:101 Resp: 144239  
 Ion Ratio Lower Upper  
 101 100  
 85 45.2 38.1 57.1  
 151 71.7 49.1 73.7

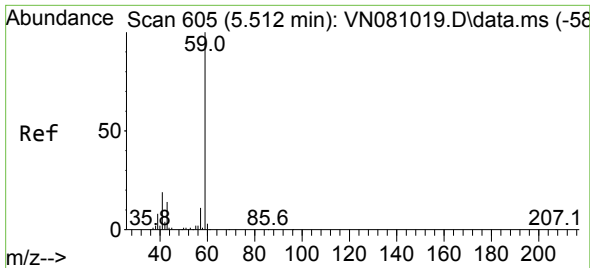


#10  
 Methyl Iodide  
 Concen: 20.557 ug/l  
 RT: 4.589 min Scan# 448  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



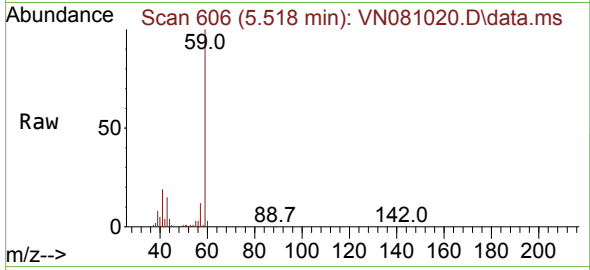
Tgt Ion:142 Resp: 142556  
 Ion Ratio Lower Upper  
 142 100  
 127 45.8 37.0 55.4  
 141 15.0 12.5 18.7



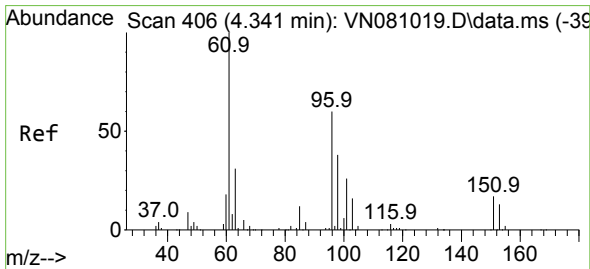
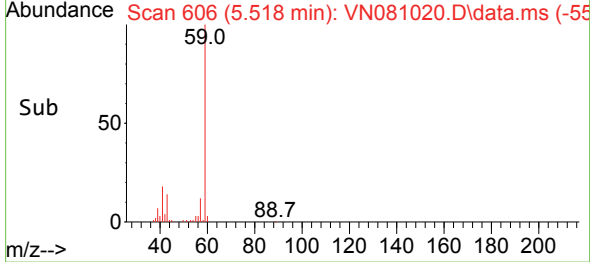
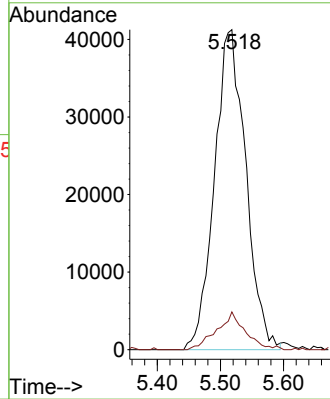


#11  
 Tert butyl alcohol  
 Concen: 105.586 ug/l  
 RT: 5.518 min Scan# 605  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

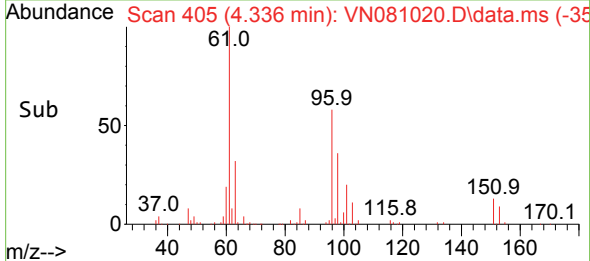
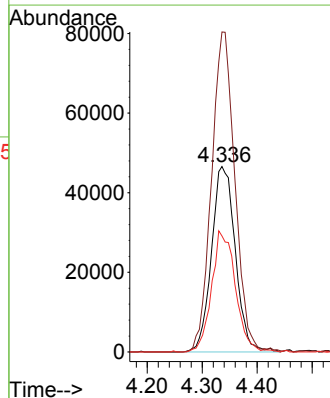
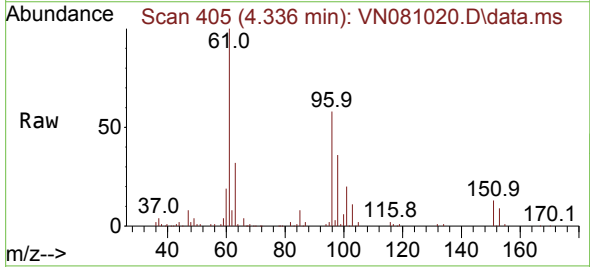


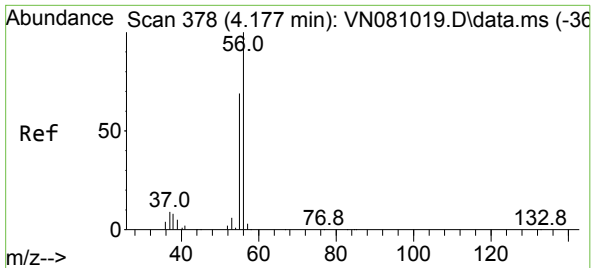
Tgt Ion: 59 Resp: 142182  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 8.6 12.8



#12  
 1,1-Dichloroethene  
 Concen: 21.062 ug/l  
 RT: 4.336 min Scan# 405  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

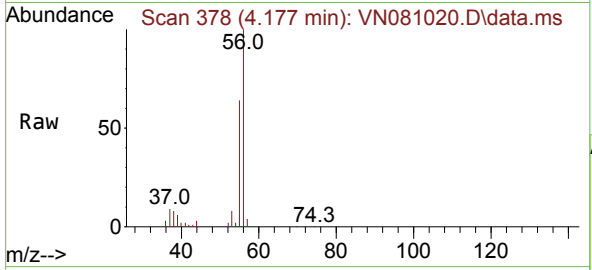
Tgt Ion: 96 Resp: 140104  
 Ion Ratio Lower Upper  
 96 100  
 61 172.6 138.2 207.4  
 98 62.6 49.2 73.8



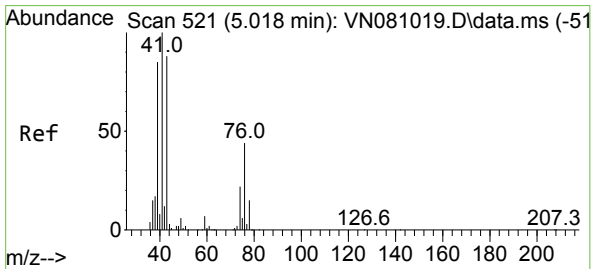
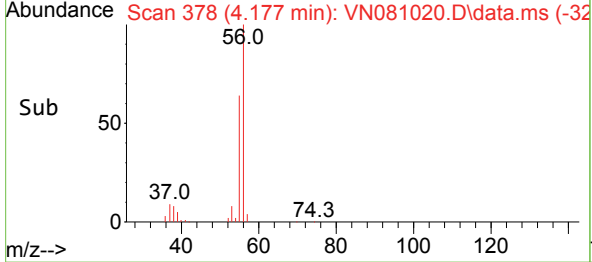
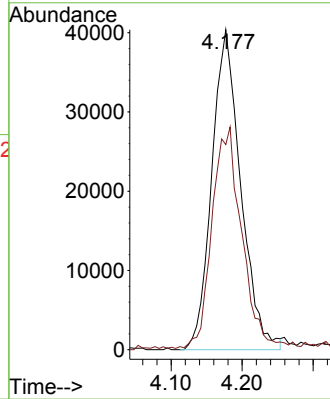


#13  
 Acrolein  
 Concen: 101.279 ug/l  
 RT: 4.177 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

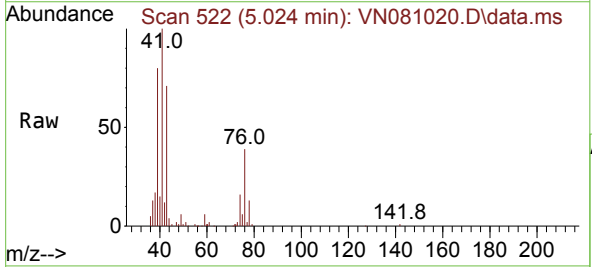
Instrument :  
 MSVOA\_N  
 ClientSampleId :



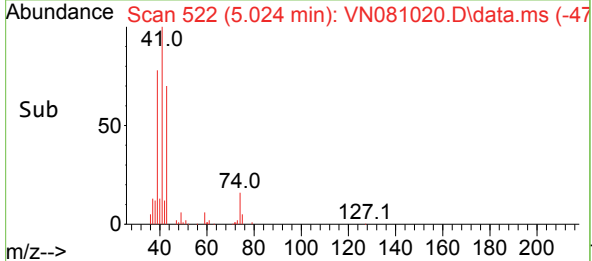
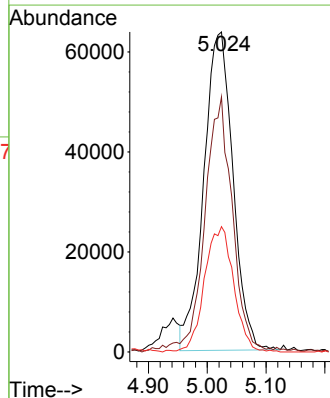
Tgt Ion: 56 Resp: 114256  
 Ion Ratio Lower Upper  
 56 100  
 55 71.0 55.3 82.9

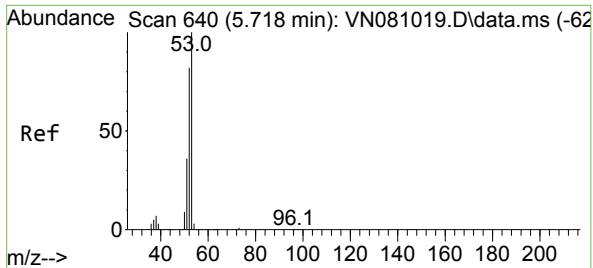


#14  
 Allyl chloride  
 Concen: 20.243 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



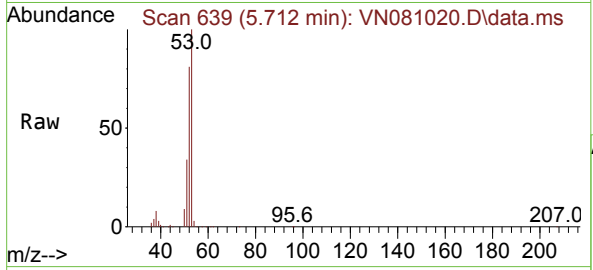
Tgt Ion: 41 Resp: 219292  
 Ion Ratio Lower Upper  
 41 100  
 39 76.1 57.7 86.5  
 76 39.3 26.8 40.2





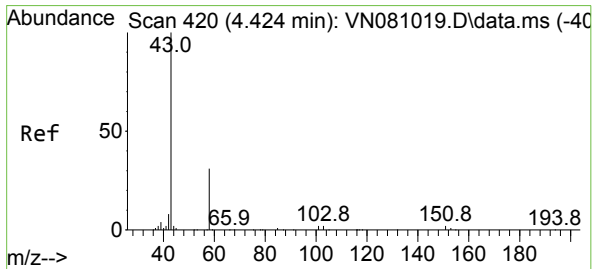
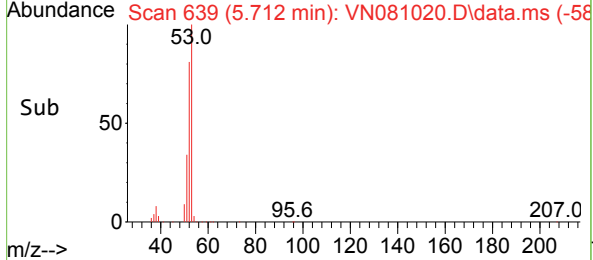
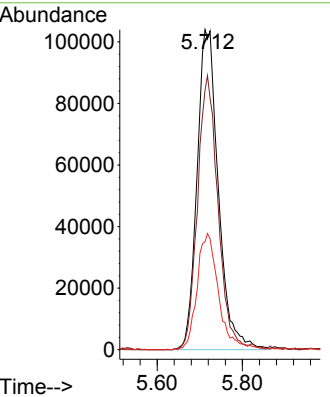
#15  
 Acrylonitrile  
 Concen: 104.954 ug/l  
 RT: 5.712 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 53 Resp: 361968

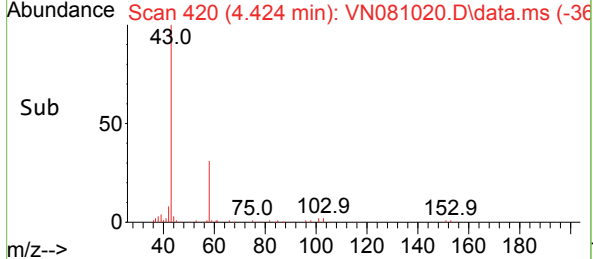
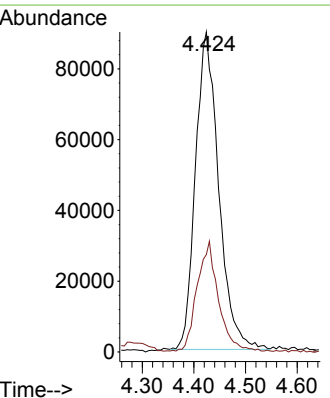
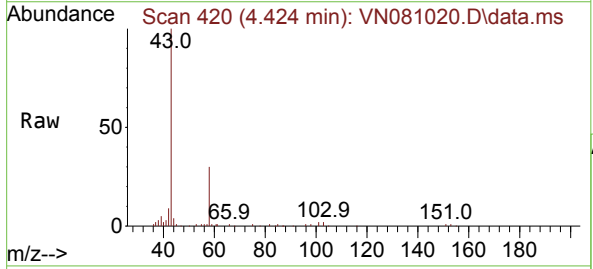
Ion	Ratio	Lower	Upper
53	100		
52	81.5	64.8	97.2
51	36.5	26.9	40.3

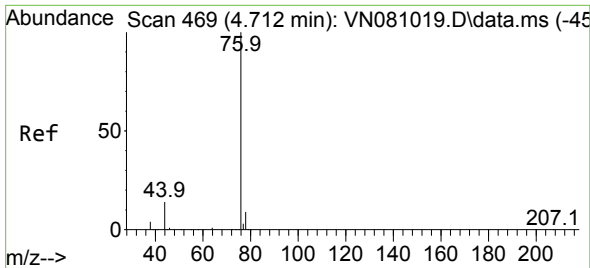


#16  
 Acetone  
 Concen: 95.352 ug/l  
 RT: 4.424 min Scan# 420  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 43 Resp: 280220

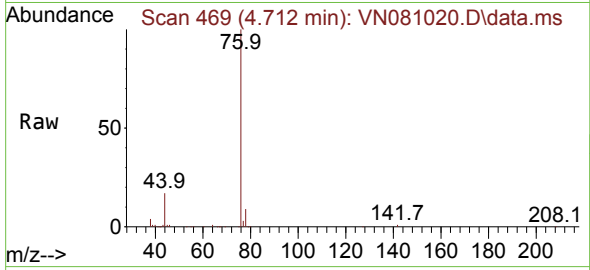
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2



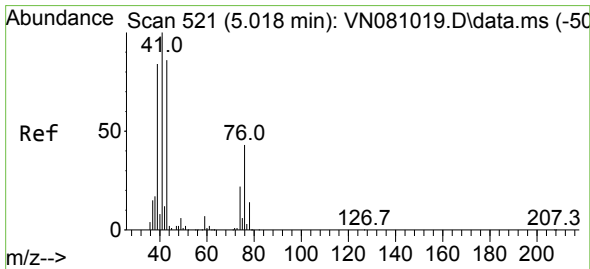
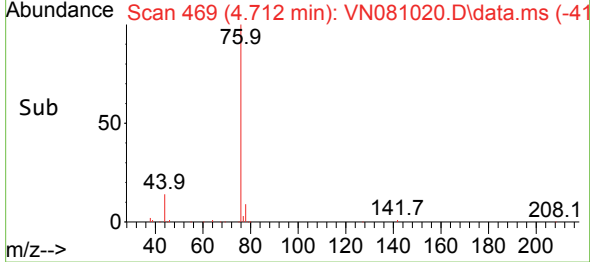
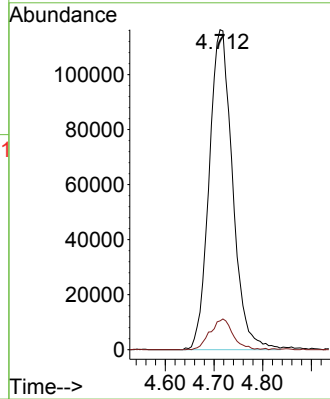


#17  
 Carbon Disulfide  
 Concen: 20.136 ug/l  
 RT: 4.712 min Scan# 469  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

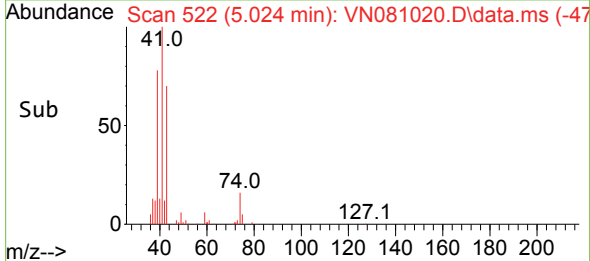
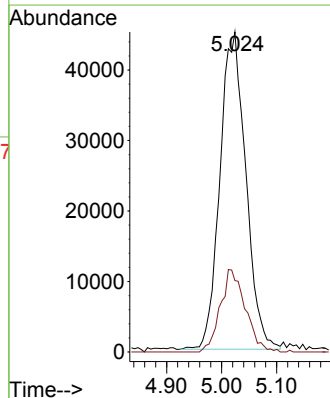
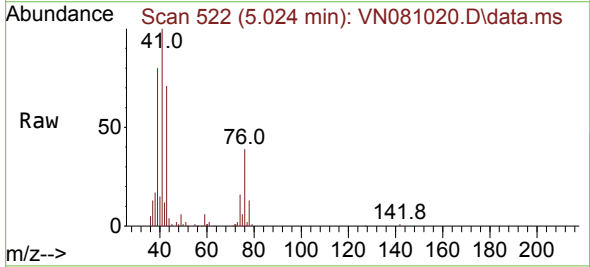


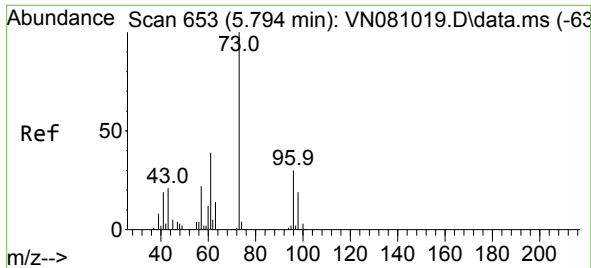
Tgt Ion: 76 Resp: 388091  
 Ion Ratio Lower Upper  
 76 100  
 78 9.0 6.3 9.5



#18  
 Methyl Acetate  
 Concen: 19.005 ug/l  
 RT: 5.024 min Scan# 522  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

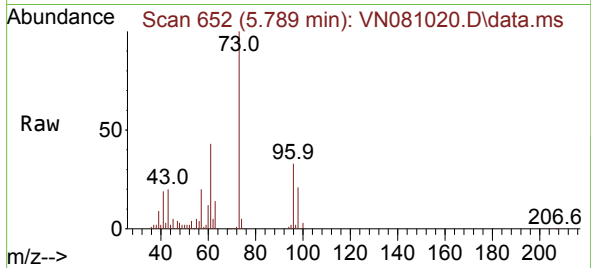
Tgt Ion: 43 Resp: 147103  
 Ion Ratio Lower Upper  
 43 100  
 74 25.1 17.3 25.9



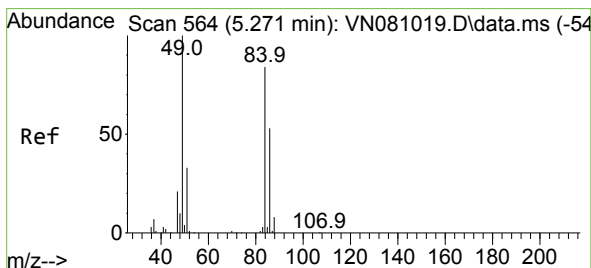
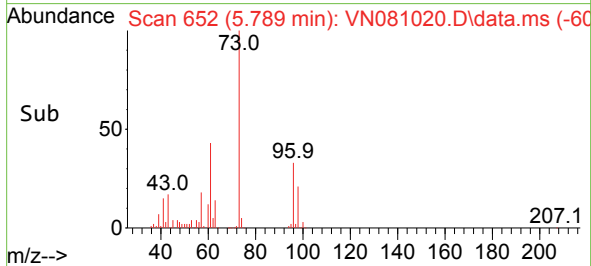
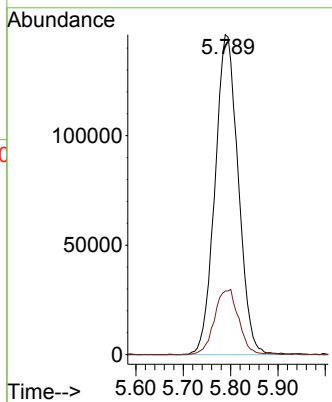


#19  
 Methyl tert-butyl Ether  
 Concen: 21.471 ug/l  
 RT: 5.789 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

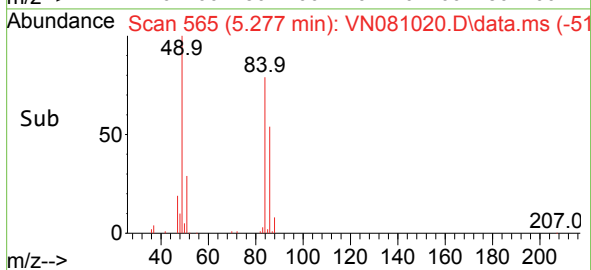
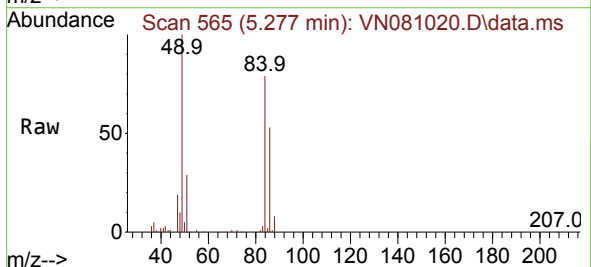
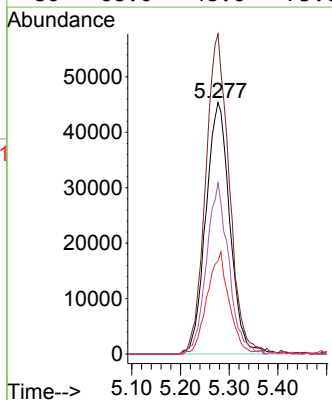


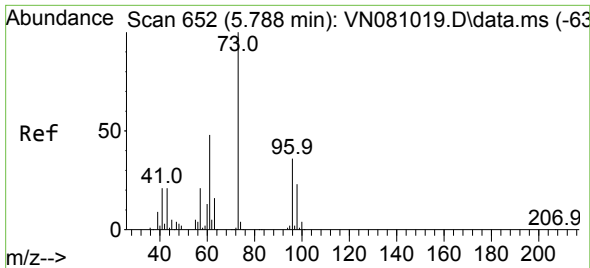
Tgt Ion: 73 Resp: 498366  
 Ion Ratio Lower Upper  
 73 100  
 57 19.9 18.2 27.4



#20  
 Methylene Chloride  
 Concen: 20.286 ug/l  
 RT: 5.277 min Scan# 565  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

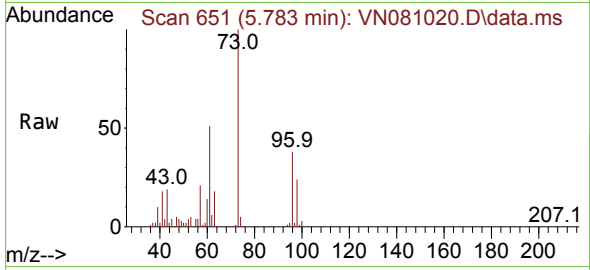
Tgt Ion: 84 Resp: 155288  
 Ion Ratio Lower Upper  
 84 100  
 49 127.3 108.1 162.1  
 51 37.0 32.9 49.3  
 86 68.0 48.6 73.0



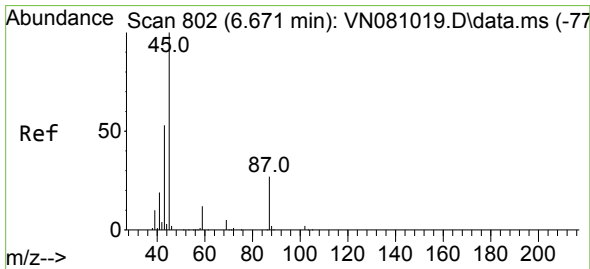
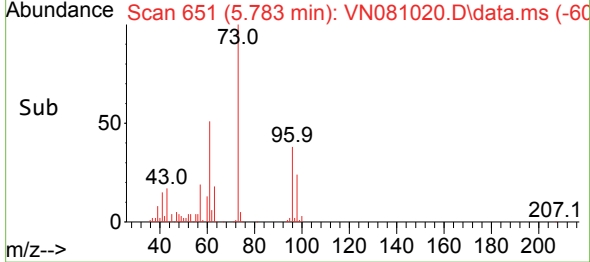
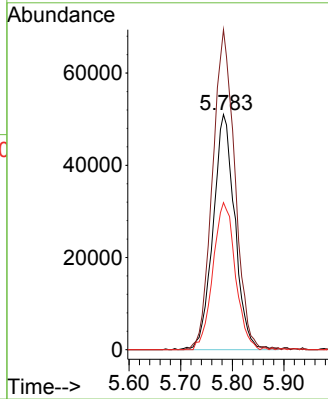


#21  
 trans-1,2-Dichloroethene  
 Concen: 20.405 ug/l  
 RT: 5.783 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

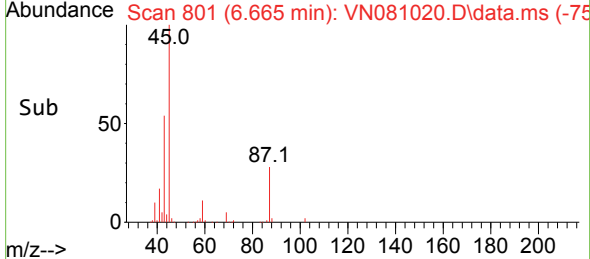
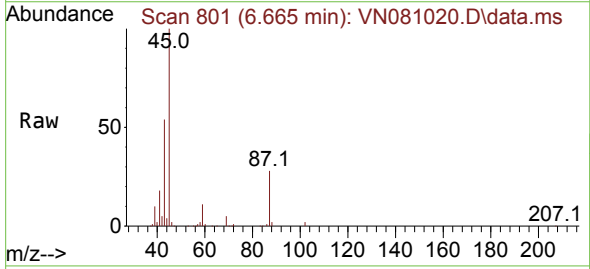
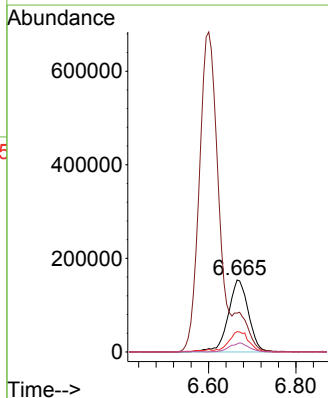


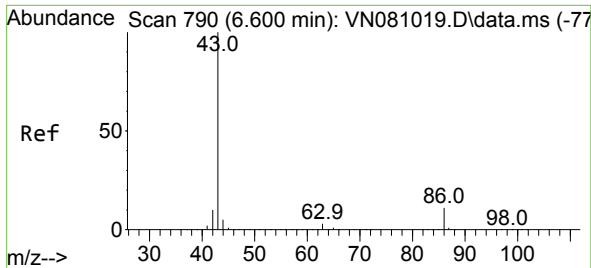
Tgt Ion: 96 Resp: 149222  
 Ion Ratio Lower Upper  
 96 100  
 61 136.1 112.8 169.2  
 98 62.5 51.0 76.4



#22  
 Diisopropyl ether  
 Concen: 20.897 ug/l  
 RT: 6.665 min Scan# 801  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

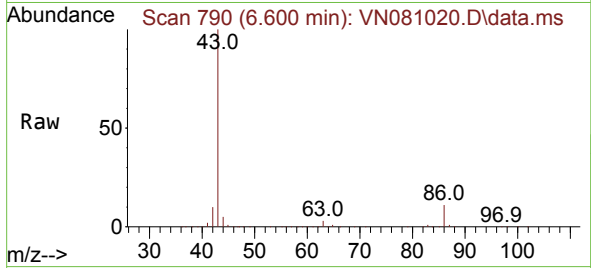
Tgt Ion: 45 Resp: 495144  
 Ion Ratio Lower Upper  
 45 100  
 43 53.5 41.8 62.8  
 87 28.4 18.1 27.1#  
 59 11.1 9.0 13.6



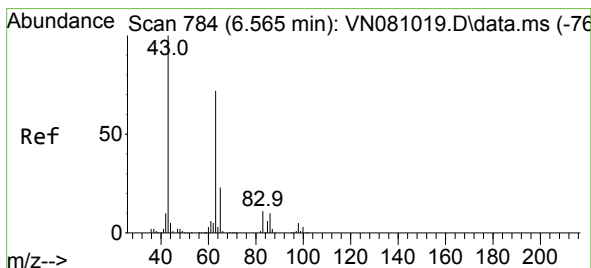
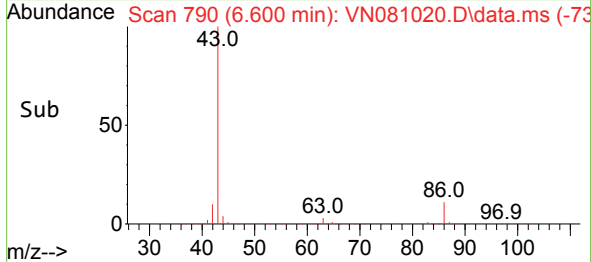
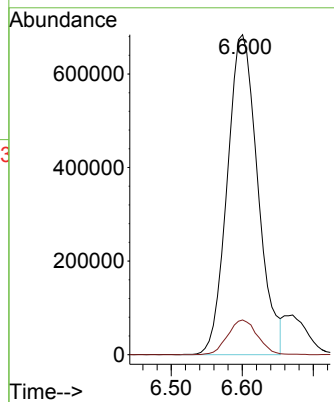


#23  
 Vinyl Acetate  
 Concen: 107.150 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

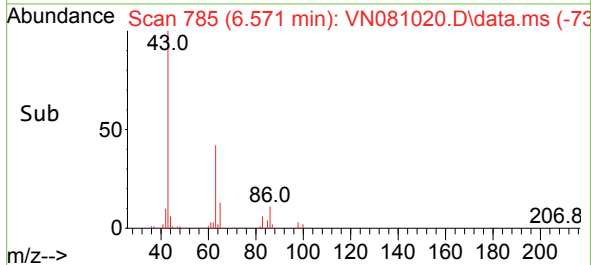
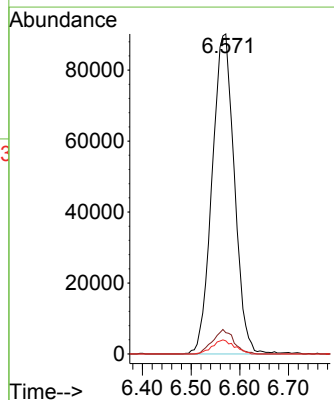
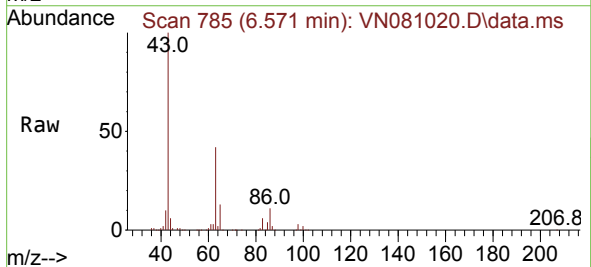


Tgt Ion: 43 Resp: 2045920  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 7.1 10.7#

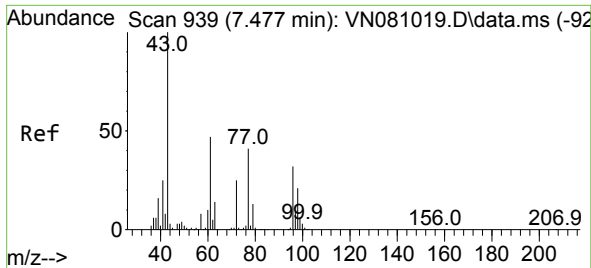


#24  
 1,1-Dichloroethane  
 Concen: 21.660 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 63 Resp: 286196  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 2.9 8.6  
 100 4.1 1.9 5.7



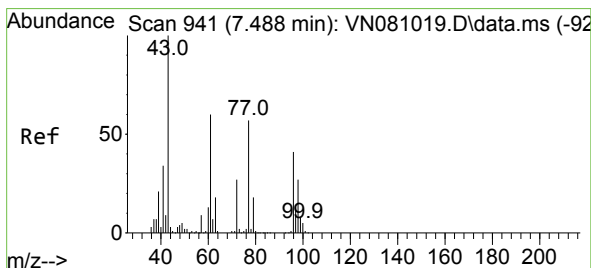
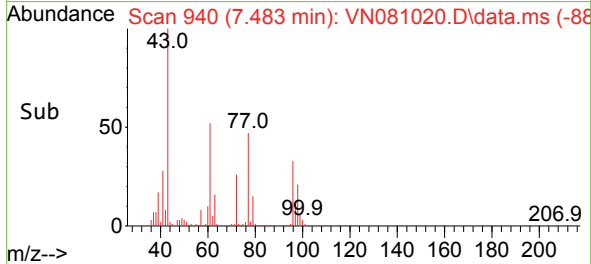
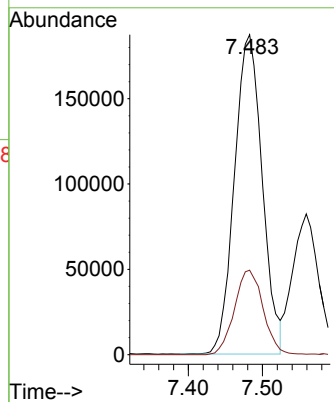
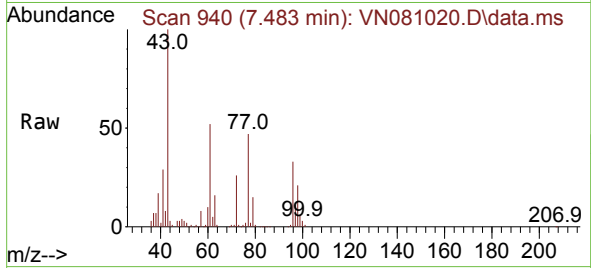




#25  
 2-Butanone  
 Concen: 102.206 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

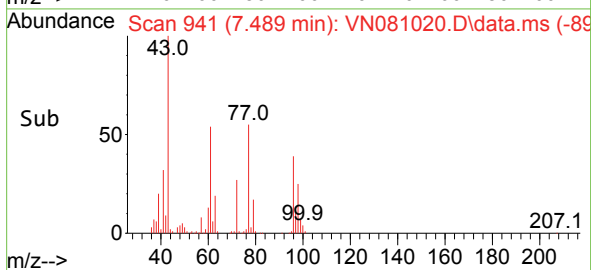
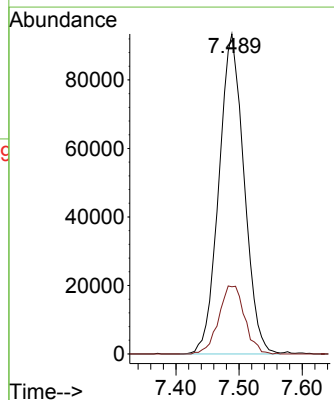
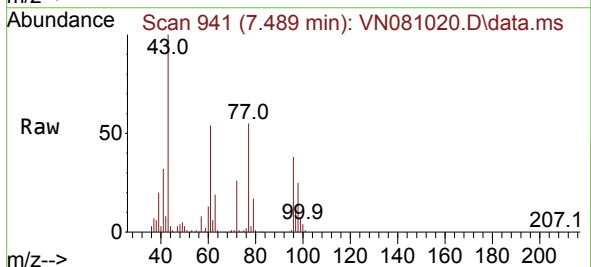
Instrument :  
 MSVOA\_N  
 ClientSampleId :

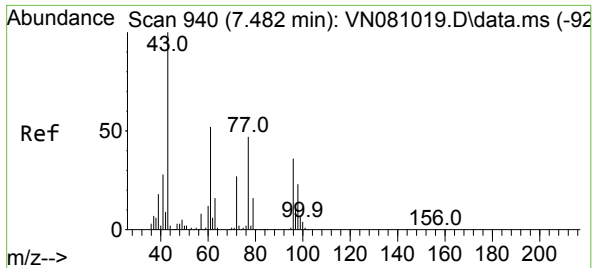
Tgt Ion: 43 Resp: 487623  
 Ion Ratio Lower Upper  
 43 100  
 72 26.4 19.5 29.3



#26  
 2,2-Dichloropropane  
 Concen: 21.287 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

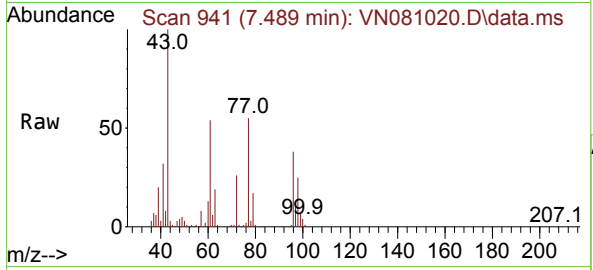
Tgt Ion: 77 Resp: 258868  
 Ion Ratio Lower Upper  
 77 100  
 97 21.9 11.5 34.5





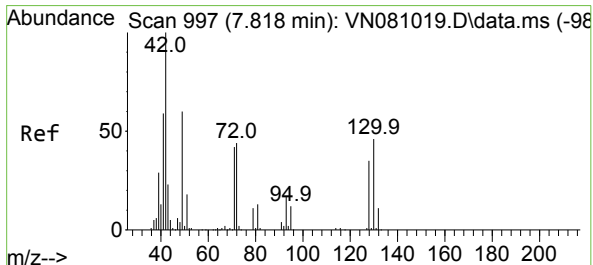
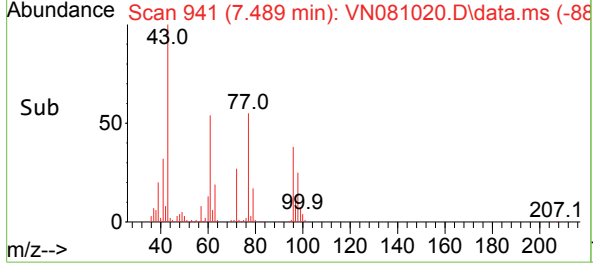
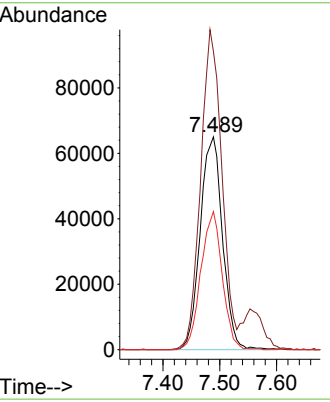
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.988 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

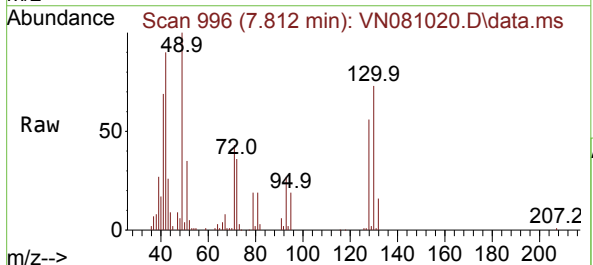


Tgt Ion: 96 Resp: 177389

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	325.4
98	62.2	0.0	130.4

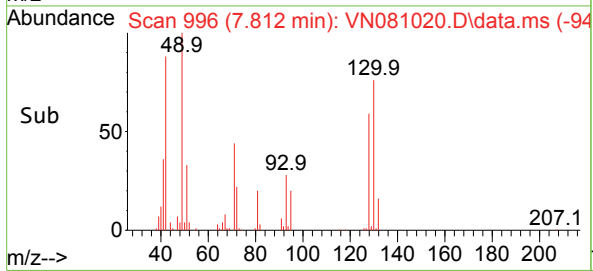
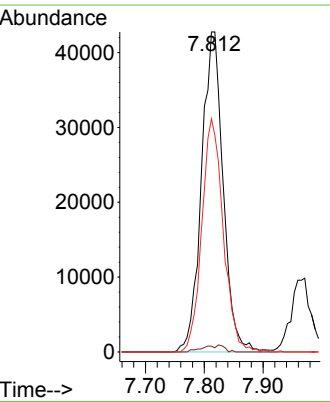


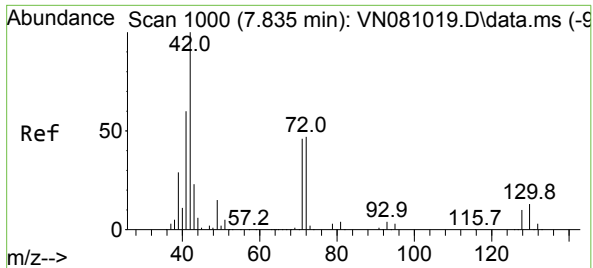
#28  
 Bromochloromethane  
 Concen: 20.500 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



Tgt Ion: 49 Resp: 109355

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.6
130	72.0	42.3	63.5



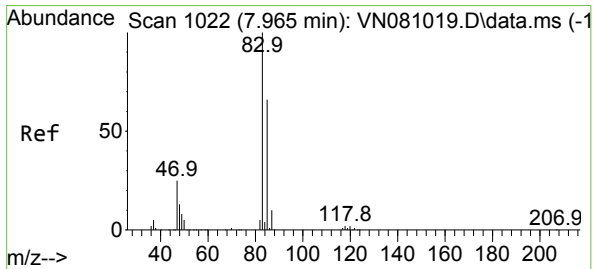
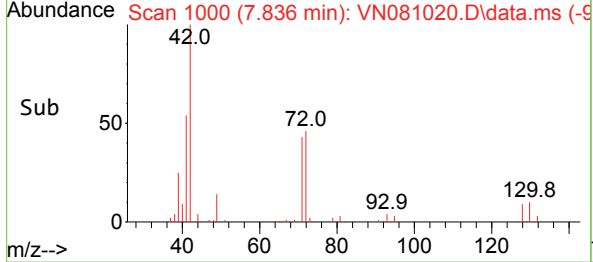
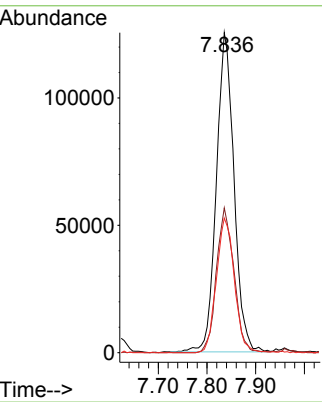
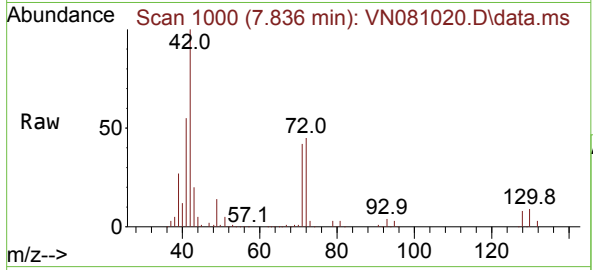


#29  
 Tetrahydrofuran  
 Concen: 103.012 ug/l  
 RT: 7.836 min Scan# 1000  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 42 Resp: 315853

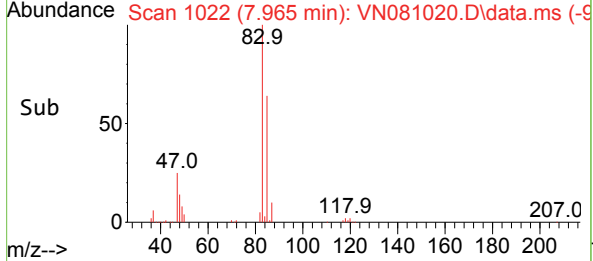
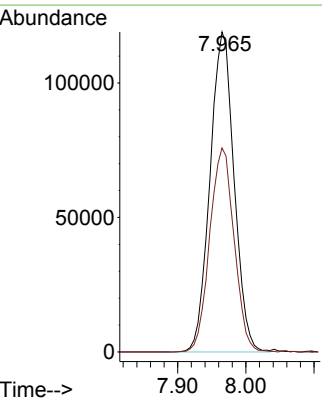
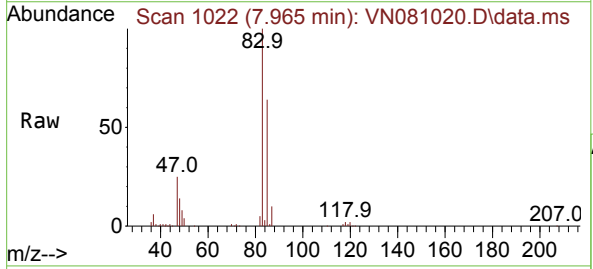
Ion	Ratio	Lower	Upper
42	100		
72	45.1	31.1	46.7
71	43.0	28.3	42.5#

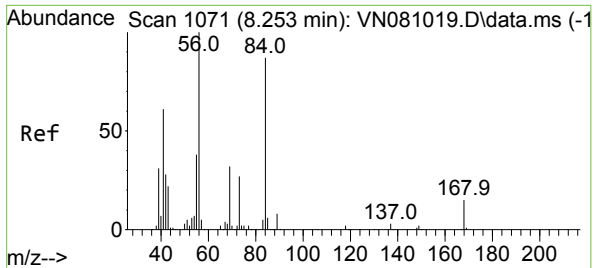


#30  
 Chloroform  
 Concen: 20.656 ug/l  
 RT: 7.965 min Scan# 1022  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 83 Resp: 292908

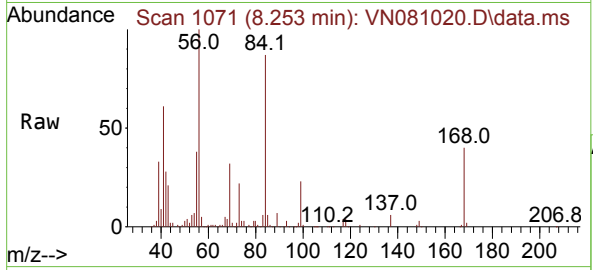
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6



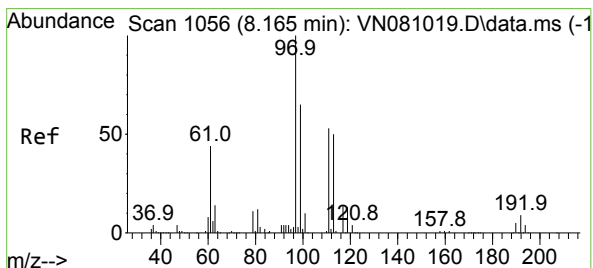
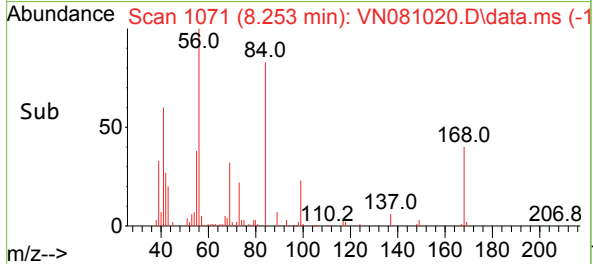
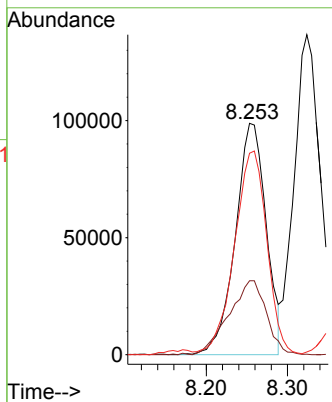


#31  
 Cyclohexane  
 Concen: 20.021 ug/l  
 RT: 8.253 min Scan# 1071  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

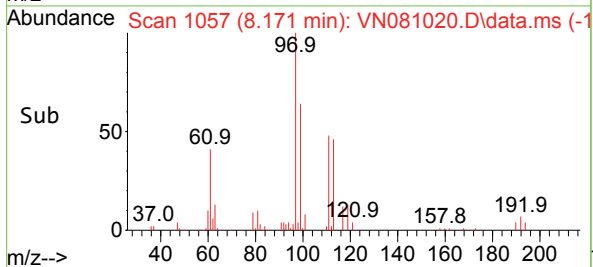
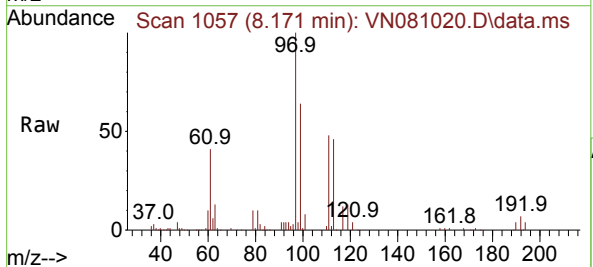
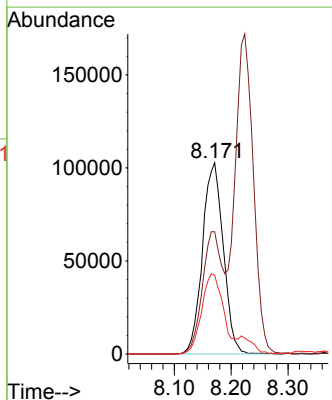


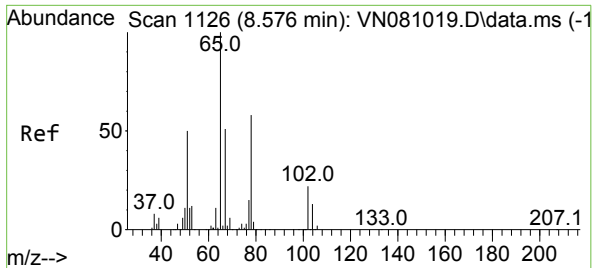
Tgt Ion: 56 Resp: 261097  
 Ion Ratio Lower Upper  
 56 100  
 69 32.0 20.1 30.1#  
 84 85.7 56.9 85.3#



#32  
 1,1,1-Trichloroethane  
 Concen: 20.872 ug/l  
 RT: 8.171 min Scan# 1057  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

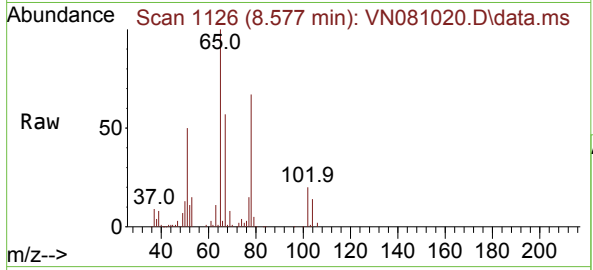
Tgt Ion: 97 Resp: 261348  
 Ion Ratio Lower Upper  
 97 100  
 99 61.2 53.4 80.0  
 61 44.6 43.8 65.8



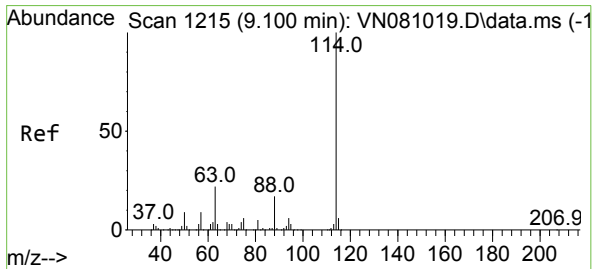
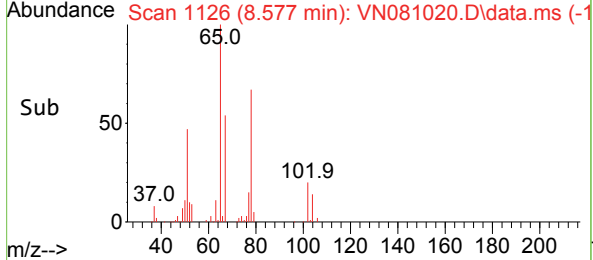
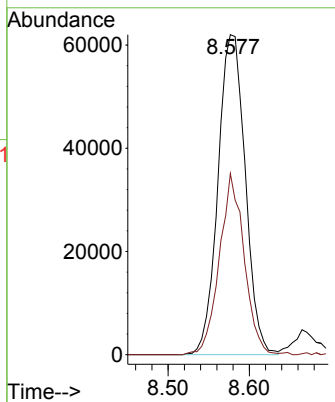


#33  
 1,2-Dichloroethane-d4  
 Concen: 19.278 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

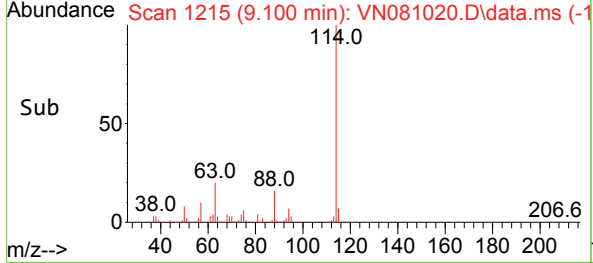
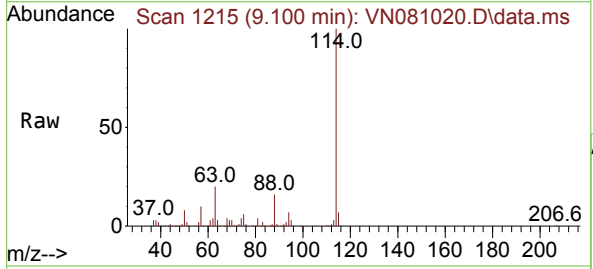
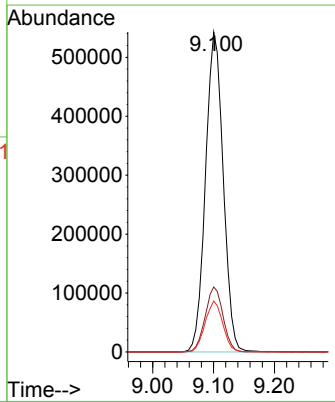


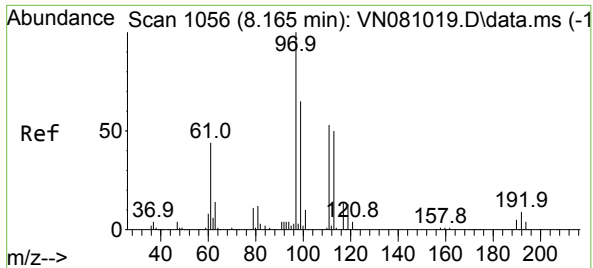
Tgt Ion: 65 Resp: 144720  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

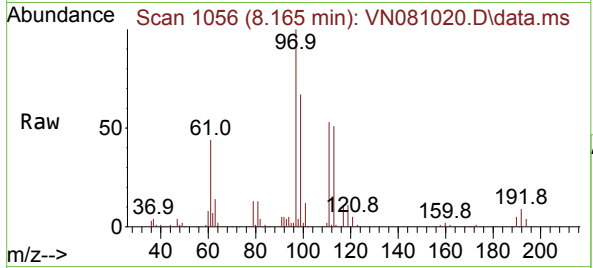
Tgt Ion: 114 Resp: 1094611  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 48.0  
 88 15.9 0.0 34.8



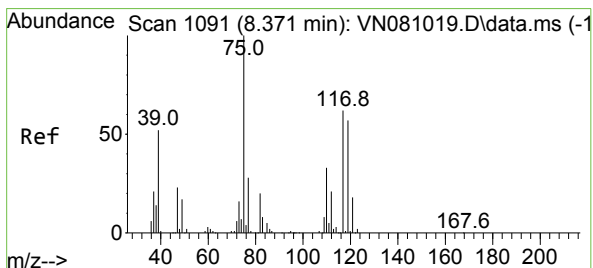
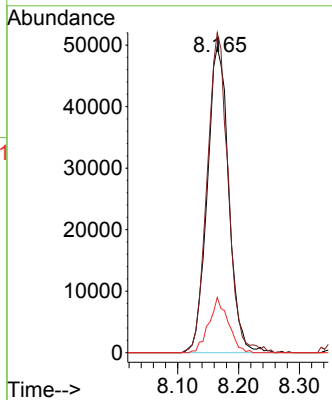
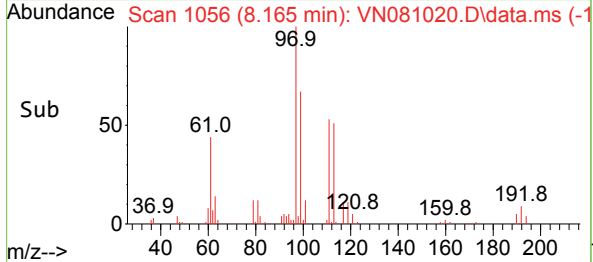


#35  
 Dibromofluoromethane  
 Concen: 19.418 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

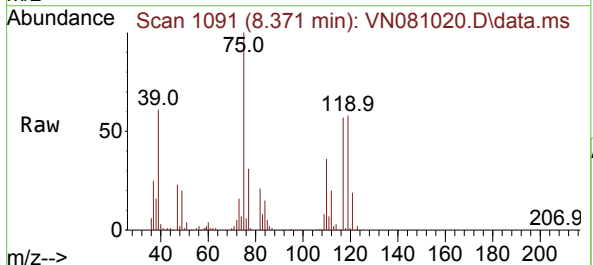
Instrument : MSVOA\_N  
 ClientSampleId :



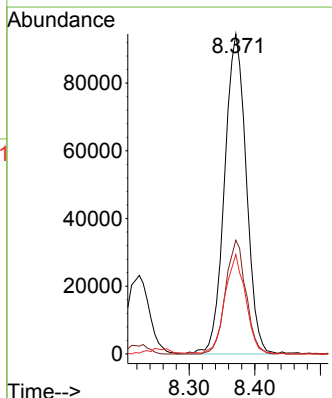
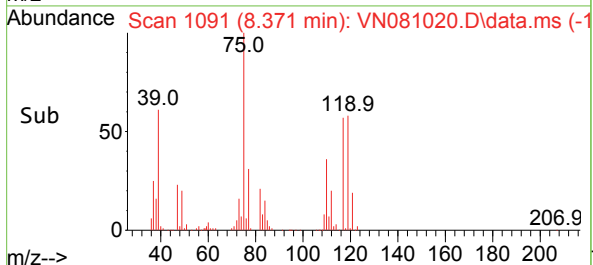
Tgt Ion:113 Resp: 121867  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 82.2 123.4  
 192 16.2 12.5 18.7

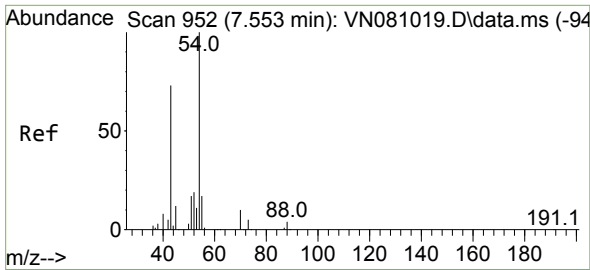


#36  
 1,1-Dichloropropene  
 Concen: 20.708 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



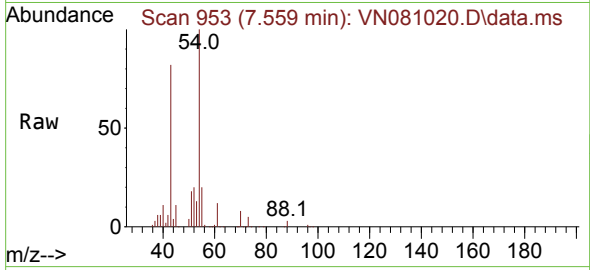
Tgt Ion: 75 Resp: 216846  
 Ion Ratio Lower Upper  
 75 100  
 110 33.5 16.0 48.0  
 77 30.2 25.8 38.6



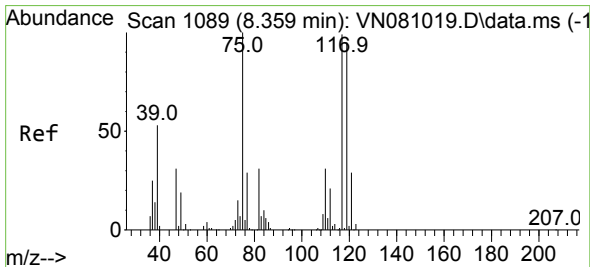
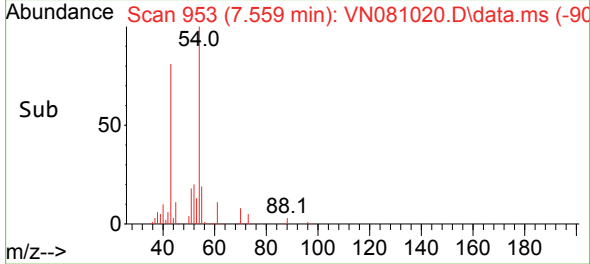
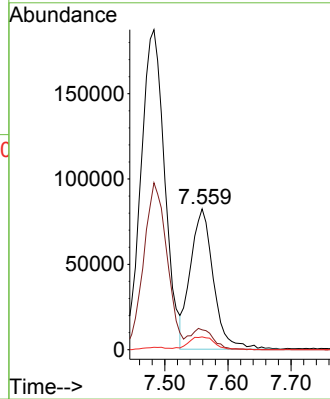


#37  
 Ethyl Acetate  
 Concen: 21.769 ug/l  
 RT: 7.559 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

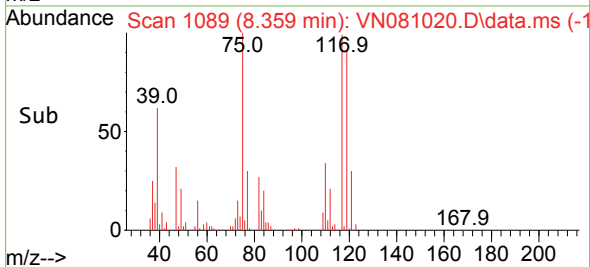
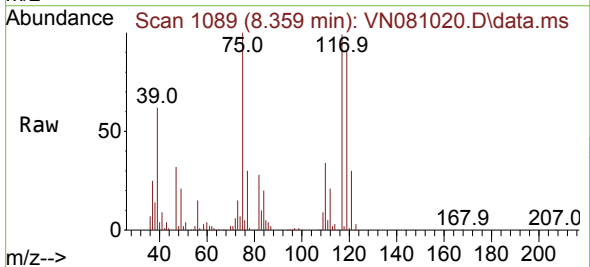
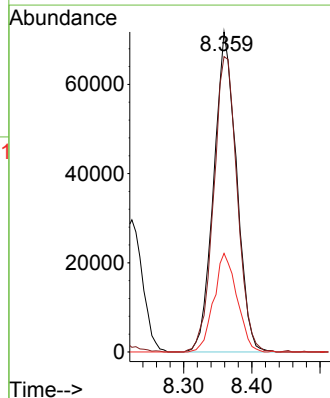


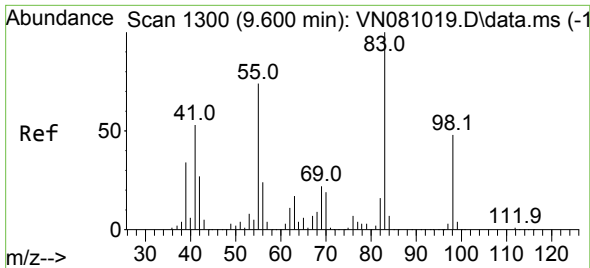
Tgt Ion: 43 Resp: 208523  
 Ion Ratio Lower Upper  
 43 100  
 61 13.8 10.6 15.8  
 70 10.4 8.0 12.0



#38  
 Carbon Tetrachloride  
 Concen: 21.760 ug/l  
 RT: 8.359 min Scan# 1089  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

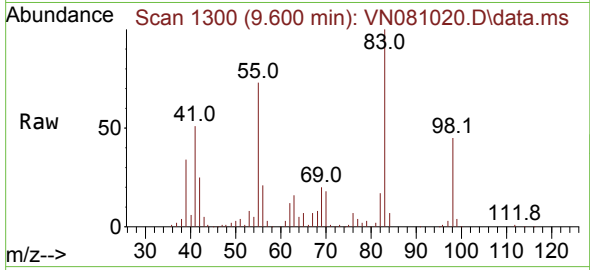
Tgt Ion: 117 Resp: 166787  
 Ion Ratio Lower Upper  
 117 100  
 119 92.3 73.4 110.2  
 121 30.8 24.4 36.6



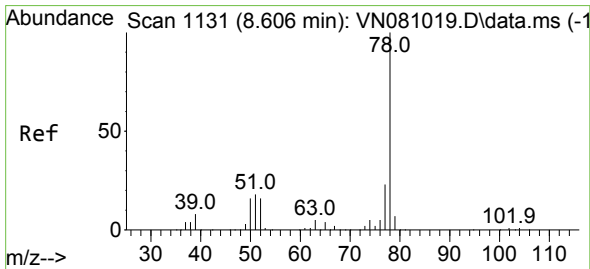
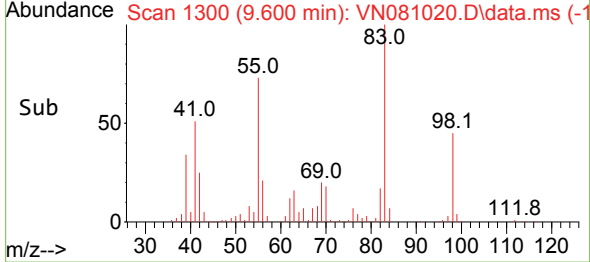
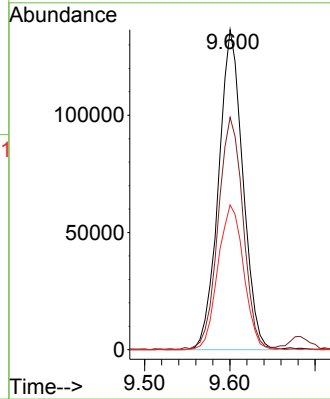


#39  
 Methylcyclohexane  
 Concen: 20.973 ug/l  
 RT: 9.600 min Scan# 1119  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

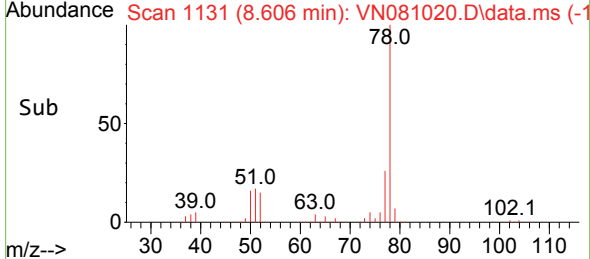
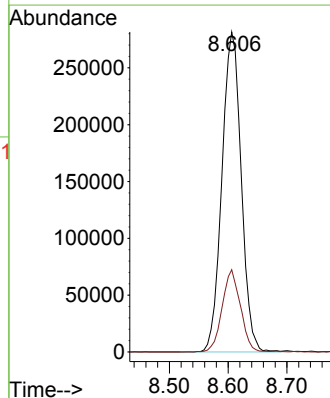
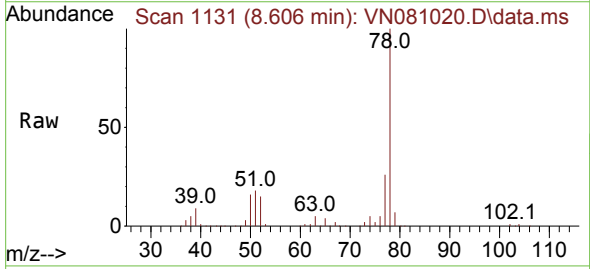


Tgt Ion: 83 Resp: 270193  
 Ion Ratio Lower Upper  
 83 100  
 55 72.4 65.7 98.5  
 98 45.2 33.8 50.6

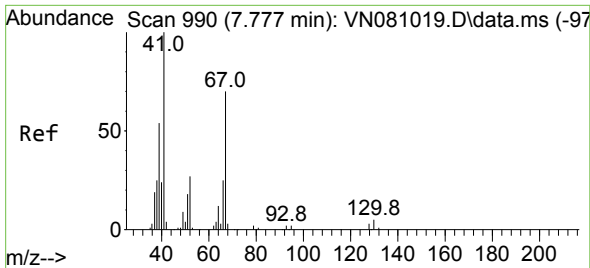


#40  
 Benzene  
 Concen: 20.726 ug/l  
 RT: 8.606 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 78 Resp: 641789  
 Ion Ratio Lower Upper  
 78 100  
 77 25.7 20.4 30.6

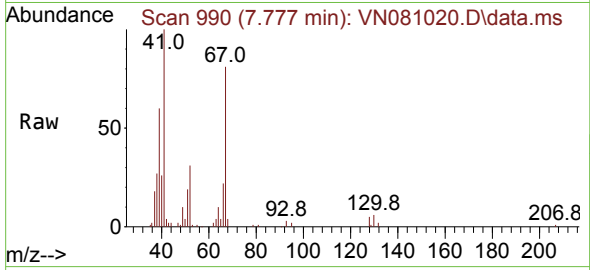






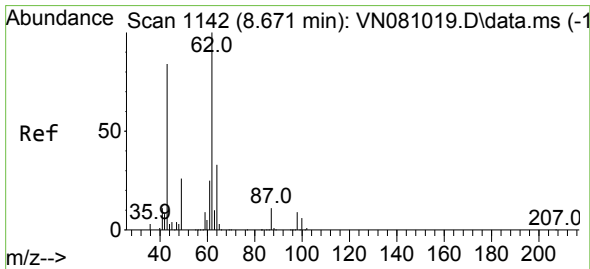
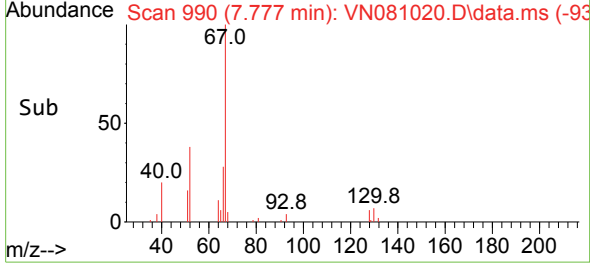
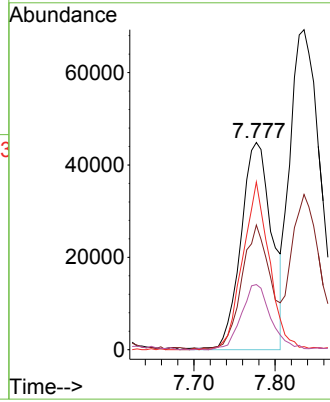
#41  
 Methacrylonitrile  
 Concen: 20.387 ug/l  
 RT: 7.777 min Scan# 990  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 41 Resp: 118544

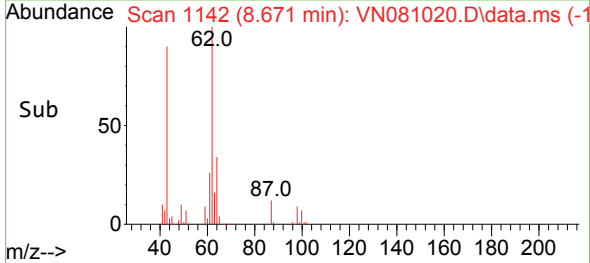
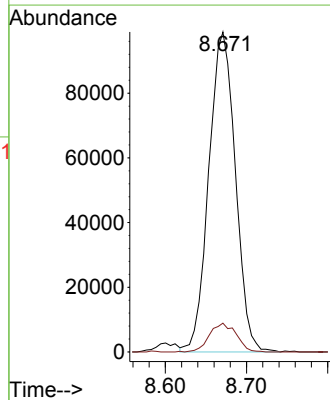
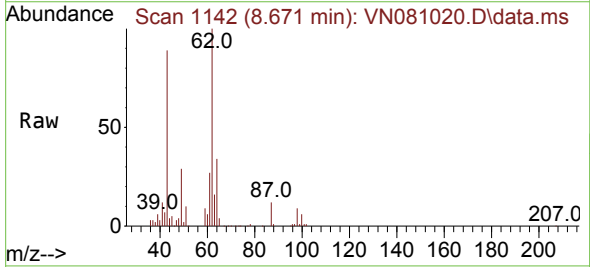
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.4	72.6
67	70.5	56.8	85.2
52	30.0	25.0	37.4

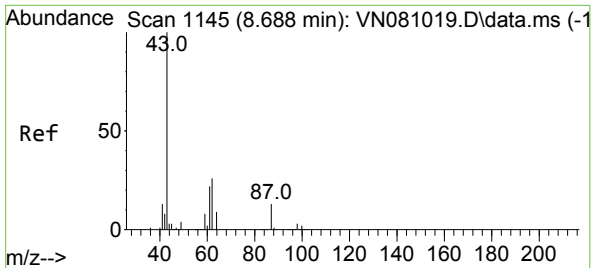


#42  
 1,2-Dichloroethane  
 Concen: 20.479 ug/l  
 RT: 8.671 min Scan# 1142  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 62 Resp: 225095

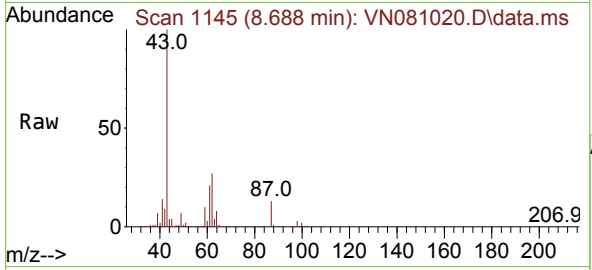
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0





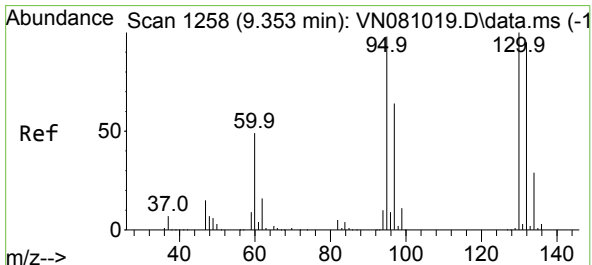
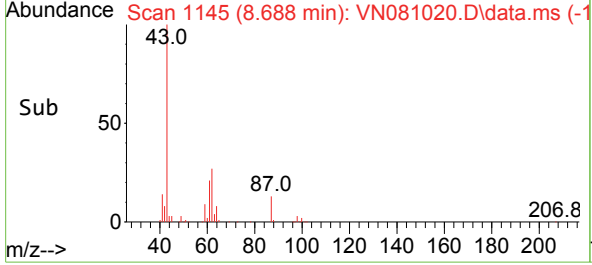
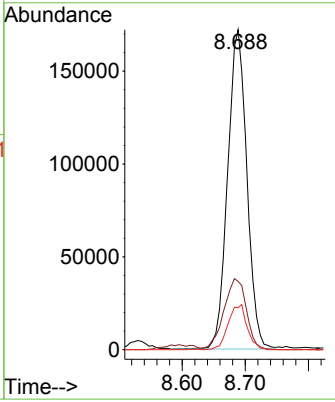
#43  
 Isopropyl Acetate  
 Concen: 20.249 ug/l  
 RT: 8.688 min Scan# 1145  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 43 Resp: 363399

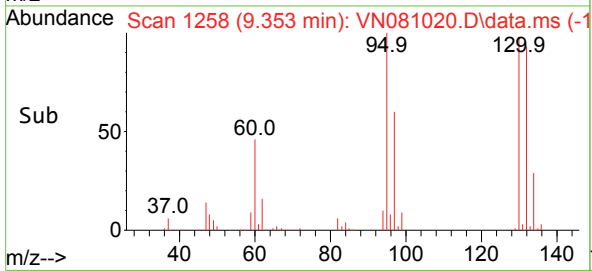
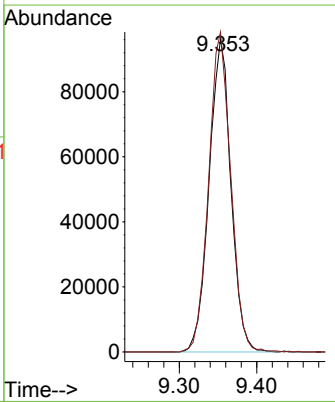
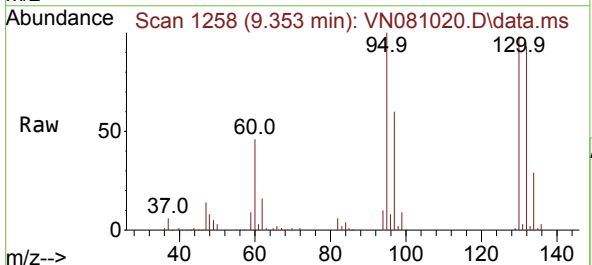
Ion	Ratio	Lower	Upper
43	100		
61	26.1	19.9	29.9
87	13.9	9.0	13.6

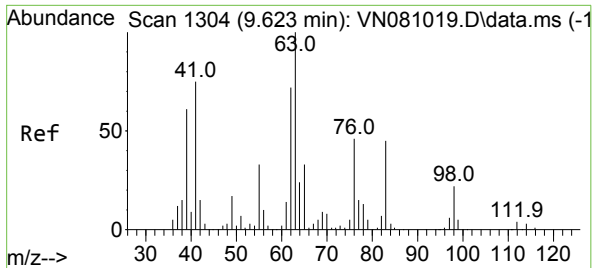


#44  
 Trichloroethene  
 Concen: 20.556 ug/l  
 RT: 9.353 min Scan# 1258  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 130 Resp: 188537

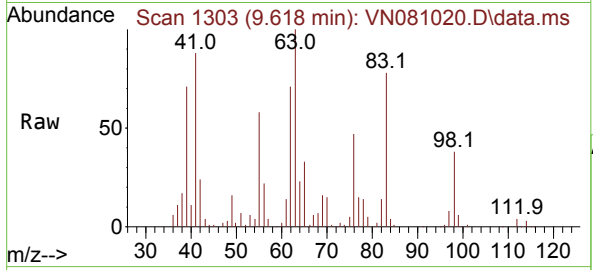
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	210.4



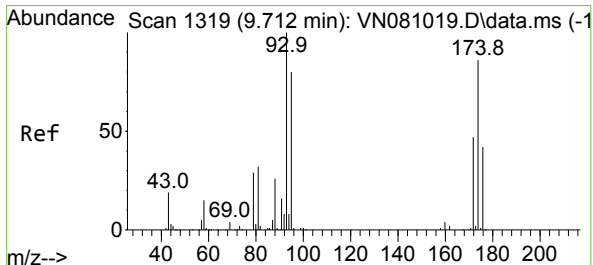
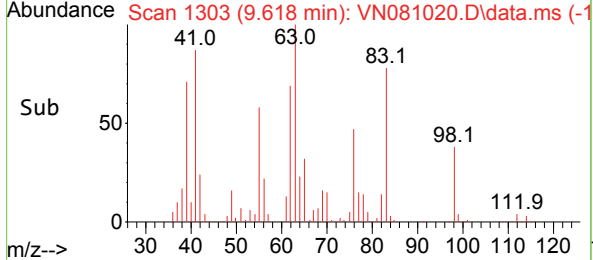
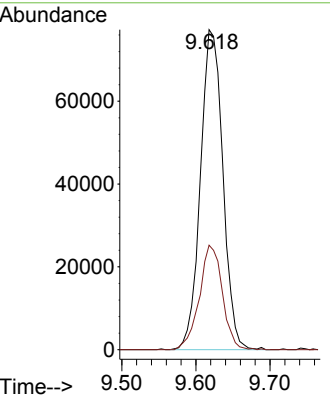


#45  
 1,2-Dichloropropane  
 Concen: 21.203 ug/l  
 RT: 9.618 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

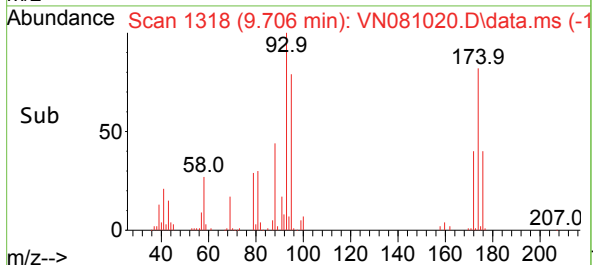
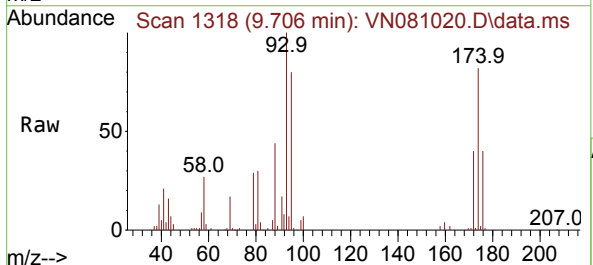
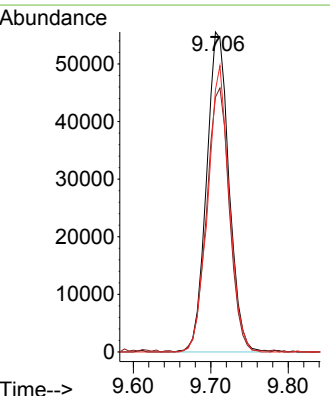


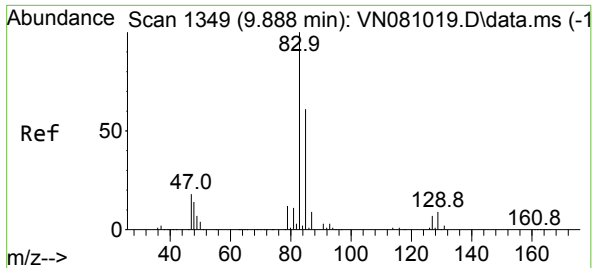
Tgt Ion: 63 Resp: 162416  
 Ion Ratio Lower Upper  
 63 100  
 65 32.6 26.1 39.1



#46  
 Dibromomethane  
 Concen: 20.749 ug/l  
 RT: 9.706 min Scan# 1318  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

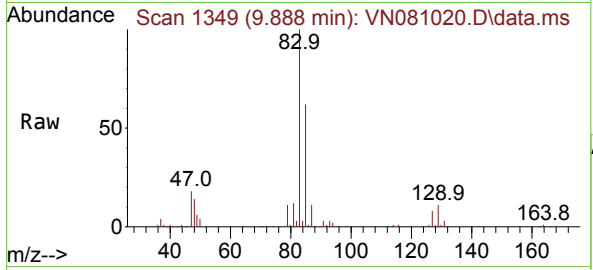
Tgt Ion: 93 Resp: 112189  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 68.1 102.1  
 174 85.4 57.2 85.8





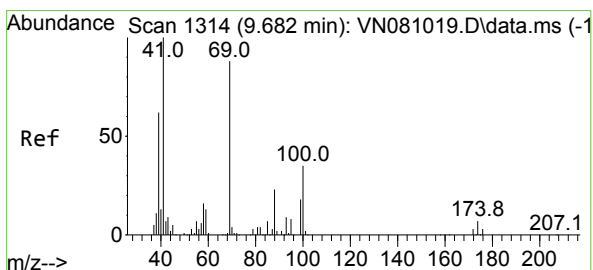
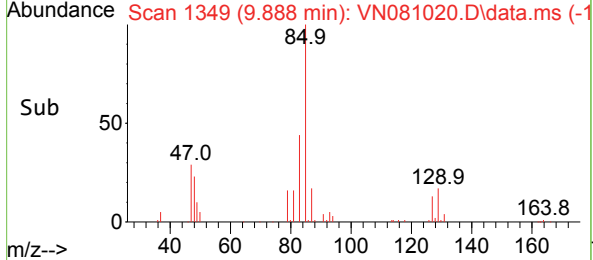
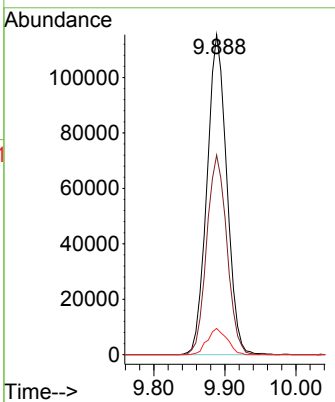
#47  
 Bromodichloromethane  
 Concen: 21.039 ug/l  
 RT: 9.888 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 83 Resp: 222950

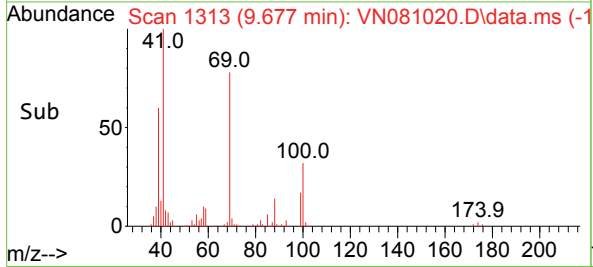
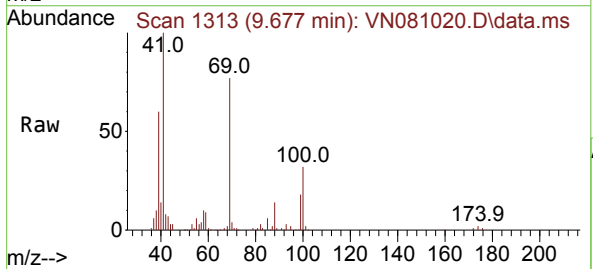
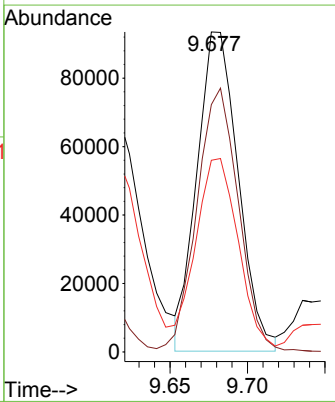
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.3	78.5
127	8.2	4.6	7.0

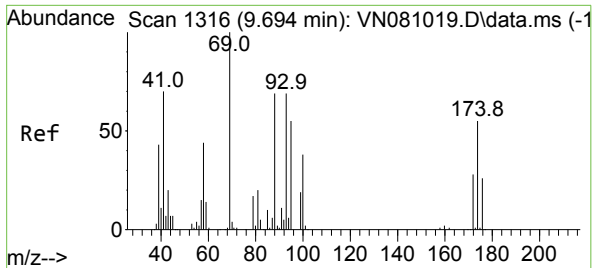


#48  
 Methyl methacrylate  
 Concen: 20.398 ug/l  
 RT: 9.677 min Scan# 1313  
 Delta R.T. -0.005 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 41 Resp: 172354

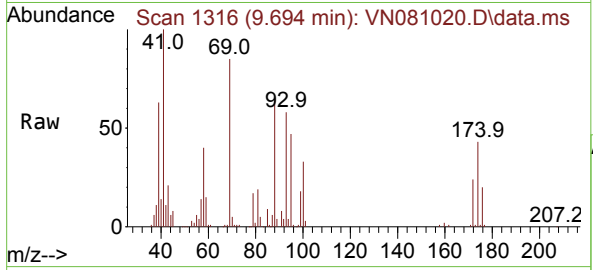
Ion	Ratio	Lower	Upper
41	100		
69	83.4	62.2	93.2
39	64.1	47.6	71.4



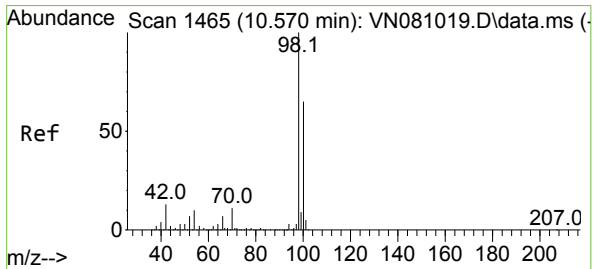
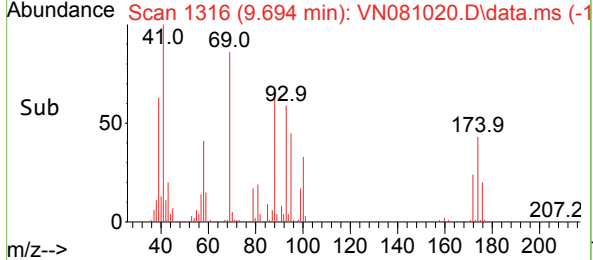
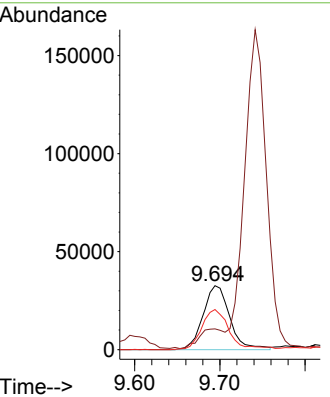


#49  
 1,4-Dioxane  
 Concen: 451.601 ug/l  
 RT: 9.694 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

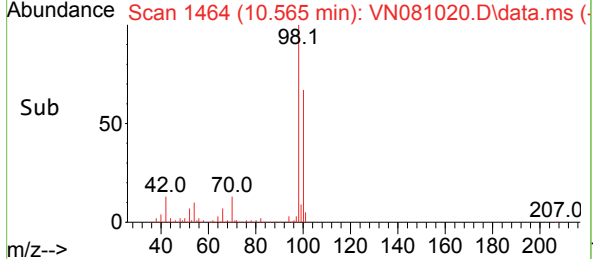
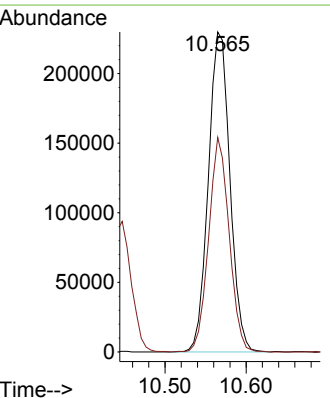
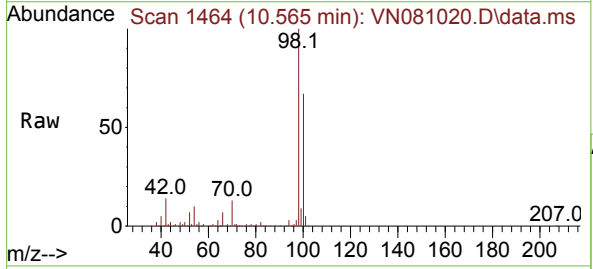


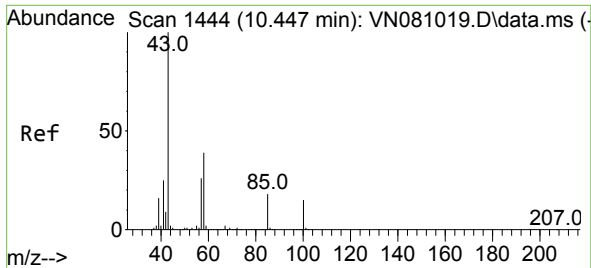
Tgt Ion: 88 Resp: 71074  
 Ion Ratio Lower Upper  
 88 100  
 43 29.5 30.1 45.1#  
 58 65.0 63.9 95.9



#50  
 Toluene-d8  
 Concen: 19.161 ug/l  
 RT: 10.565 min Scan# 1464  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

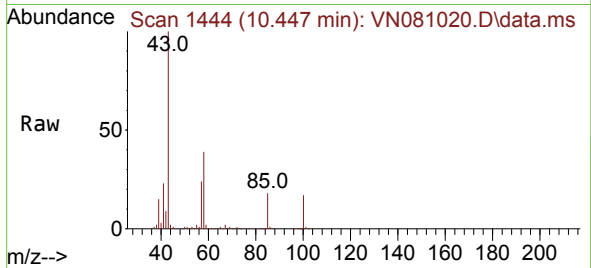
Tgt Ion: 98 Resp: 424098  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 51.4 77.0



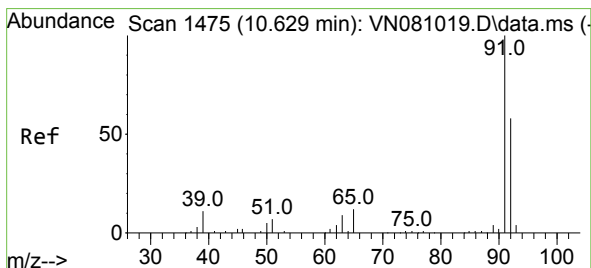
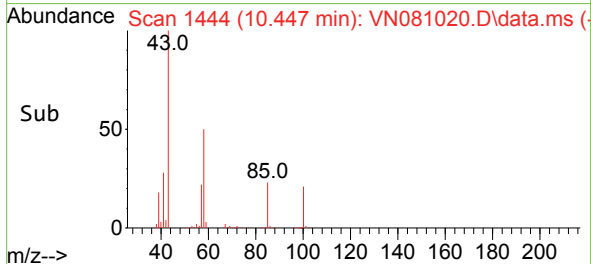
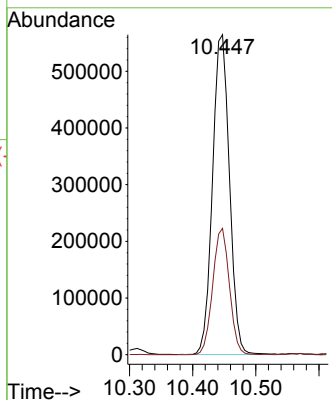


#51  
 4-Methyl-2-Pentanone  
 Concen: 104.970 ug/l  
 RT: 10.447 min Scan# 1444  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

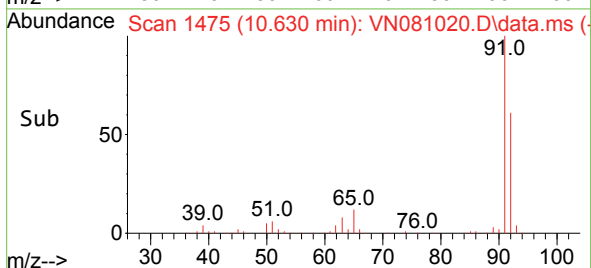
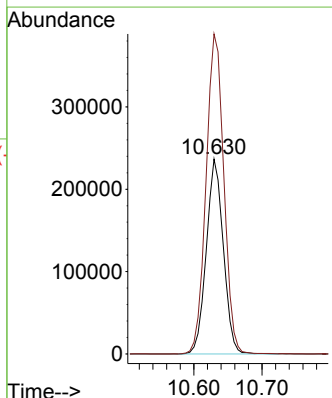
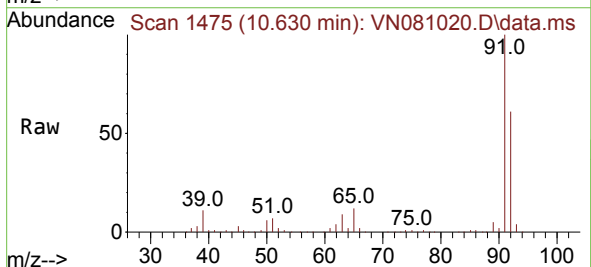


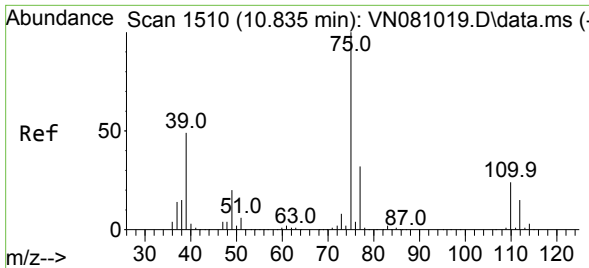
Tgt Ion: 43 Resp: 1050578  
 Ion Ratio Lower Upper  
 43 100  
 58 38.9 29.4 44.0



#52  
 Toluene  
 Concen: 21.270 ug/l  
 RT: 10.630 min Scan# 1475  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 92 Resp: 411424  
 Ion Ratio Lower Upper  
 92 100  
 91 171.7 139.4 209.0

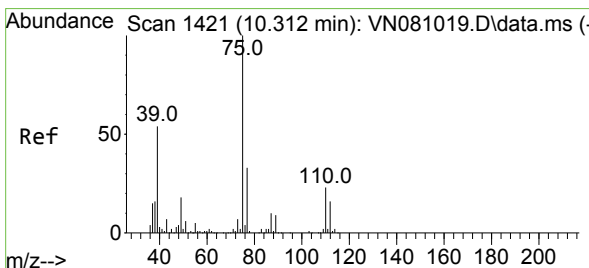
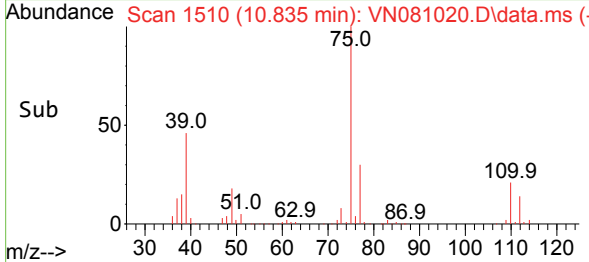
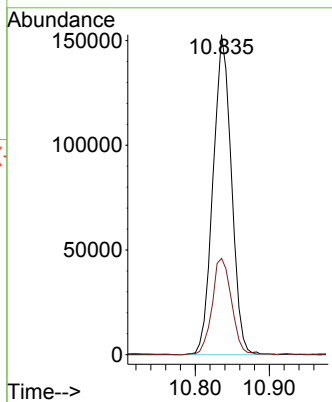
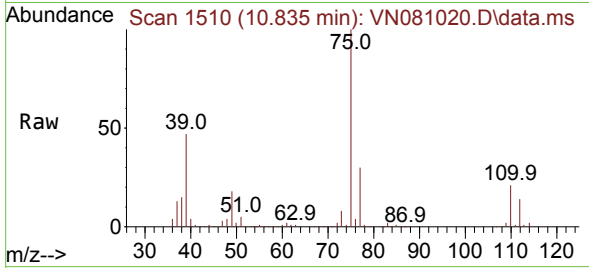




#53  
 t-1,3-Dichloropropene  
 Concen: 21.080 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

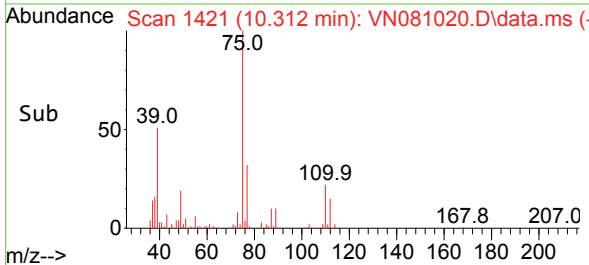
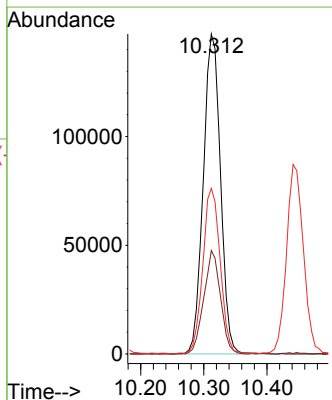
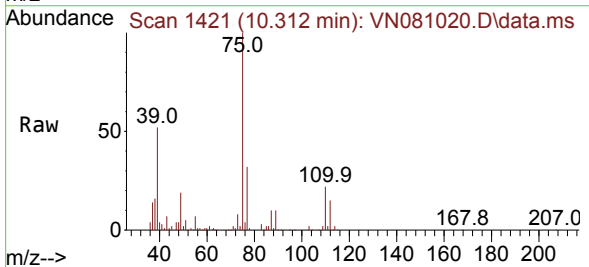
Instrument : MSVOA\_N  
 ClientSampleId :

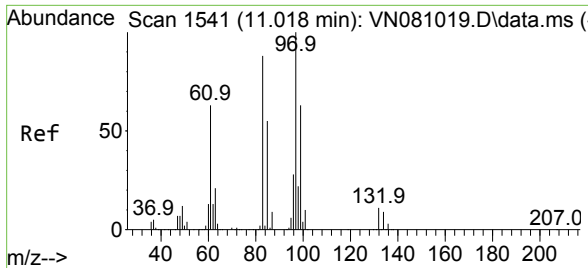
Tgt Ion: 75 Resp: 263170  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.084 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

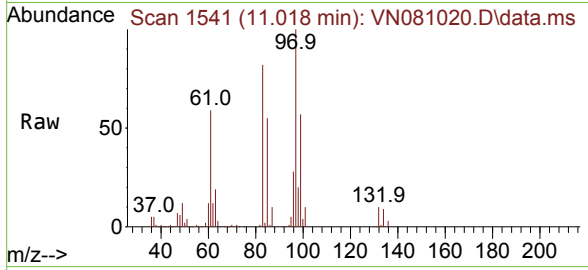
Tgt Ion: 75 Resp: 278378  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 23.3 34.9  
 39 51.5 44.6 66.8





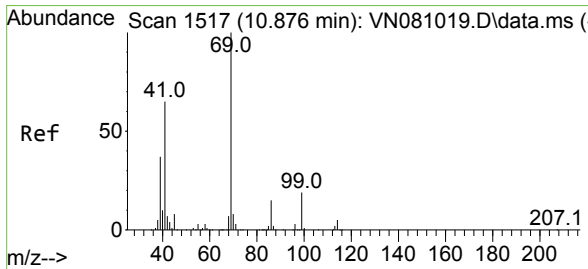
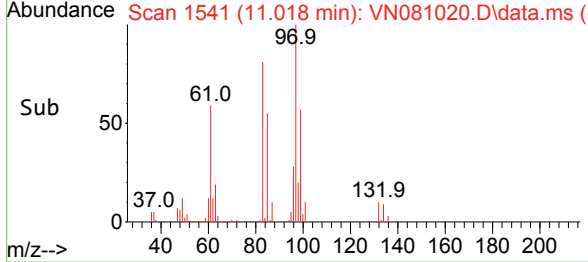
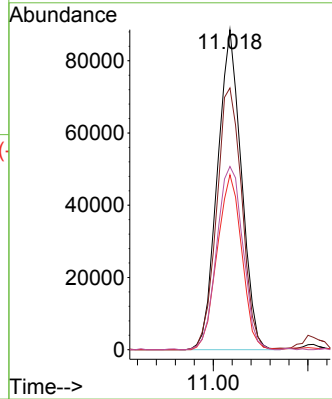
#55  
 1,1,2-Trichloroethane  
 Concen: 21.411 ug/l  
 RT: 11.018 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 97 Resp: 155740

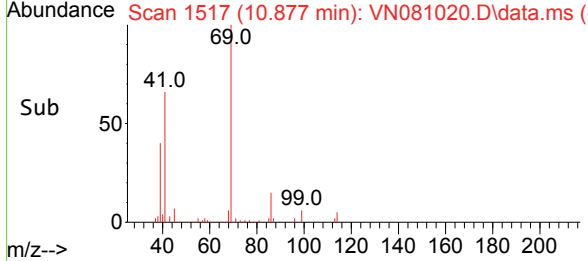
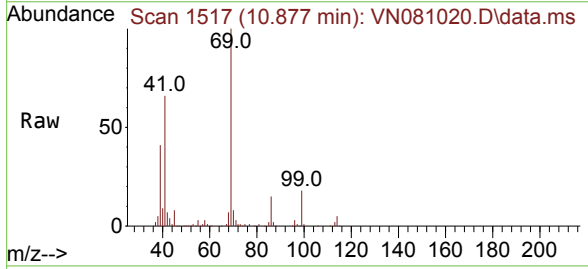
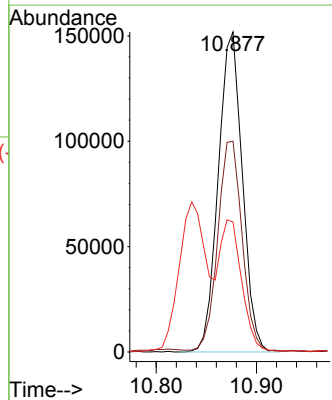
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.9	109.3
85	54.6	50.2	75.2
99	57.2	49.6	74.4



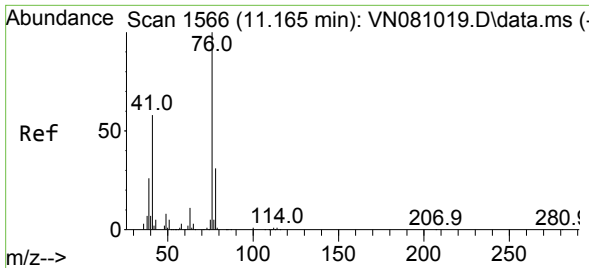
#56  
 Ethyl methacrylate  
 Concen: 21.268 ug/l  
 RT: 10.877 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 69 Resp: 253298

Ion	Ratio	Lower	Upper
69	100		
41	66.3	61.0	91.6
39	36.1	31.8	47.6

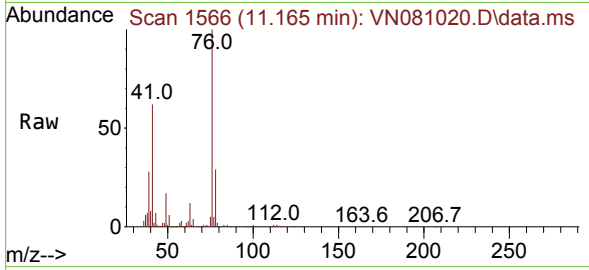




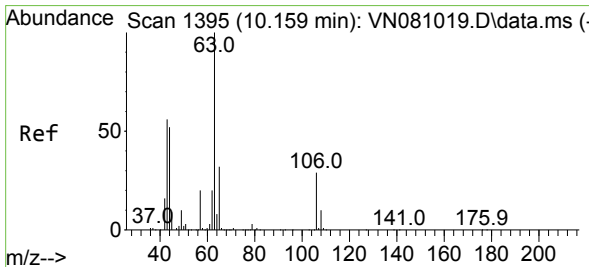
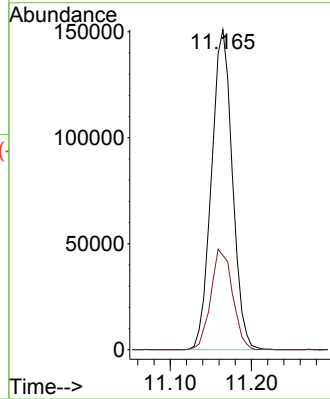
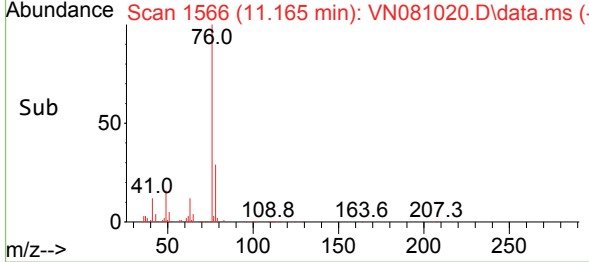


#57  
 1,3-Dichloropropane  
 Concen: 20.768 ug/l  
 RT: 11.165 min Scan# 1566  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

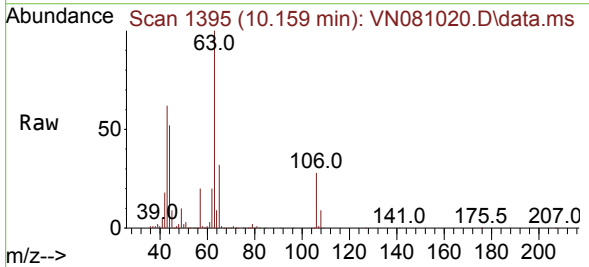
Instrument : MSVOA\_N  
 ClientSampleId :



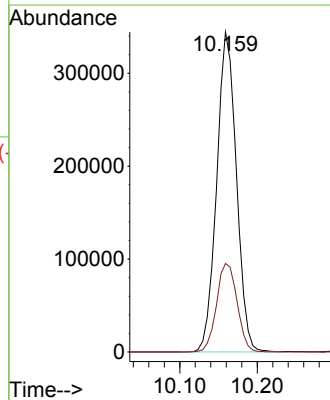
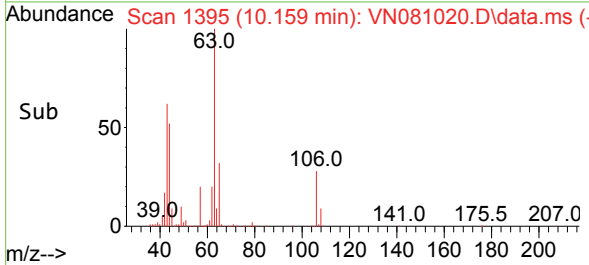
Tgt Ion: 76 Resp: 269868  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 25.5 38.3

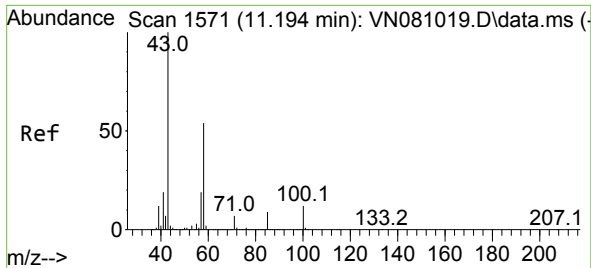


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.880 ug/l  
 RT: 10.159 min Scan# 1395  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



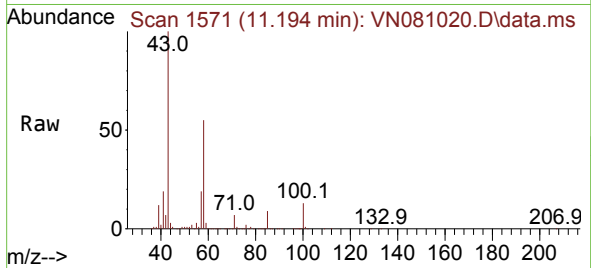
Tgt Ion: 63 Resp: 607994  
 Ion Ratio Lower Upper  
 63 100  
 106 28.8 18.6 28.0#



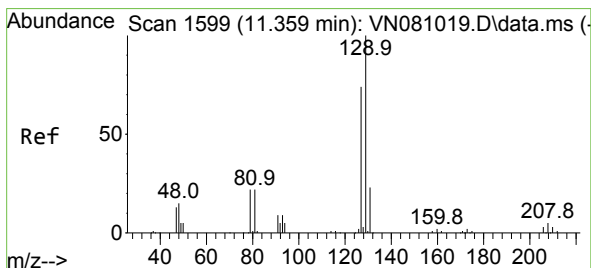
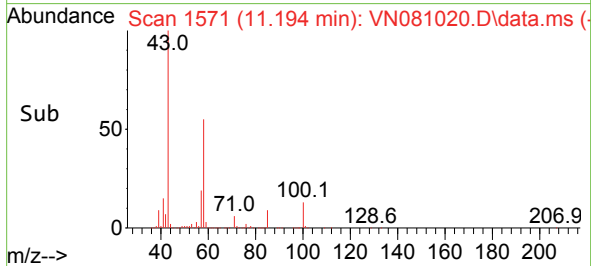
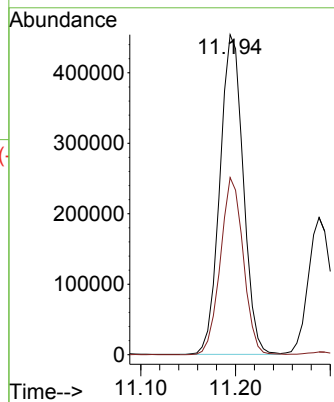


#59  
 2-Hexanone  
 Concen: 105.810 ug/l  
 RT: 11.194 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

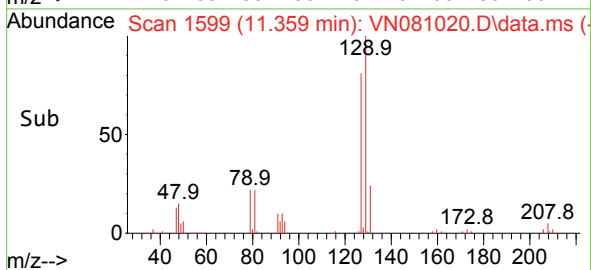
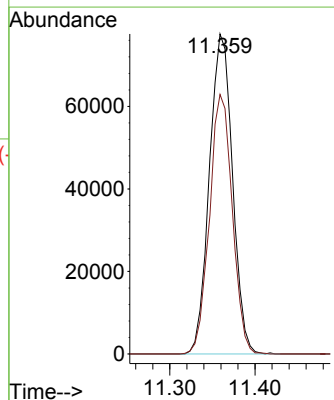
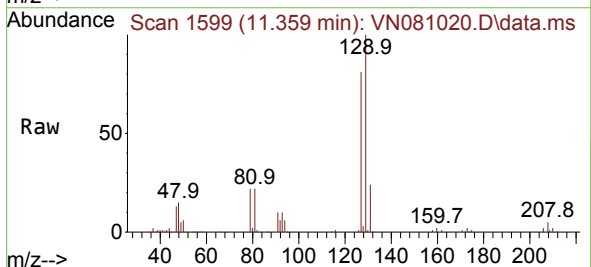


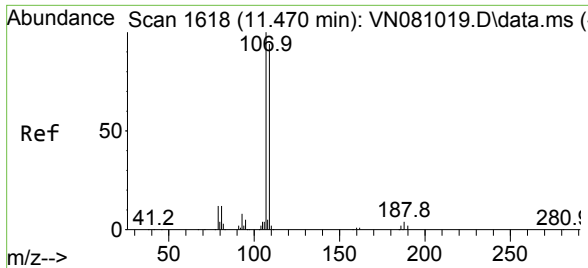
Tgt Ion: 43 Resp: 777739  
 Ion Ratio Lower Upper  
 43 100  
 58 54.3 25.9 77.8



#60  
 Dibromochloromethane  
 Concen: 21.172 ug/l  
 RT: 11.359 min Scan# 1599  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 129 Resp: 146441  
 Ion Ratio Lower Upper  
 129 100  
 127 80.0 39.4 118.2

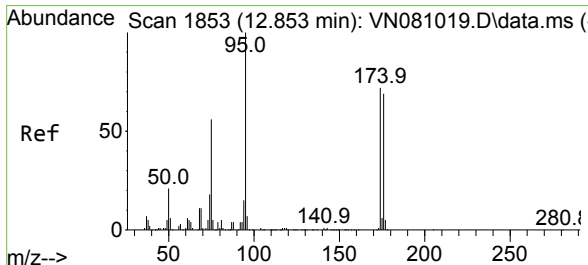
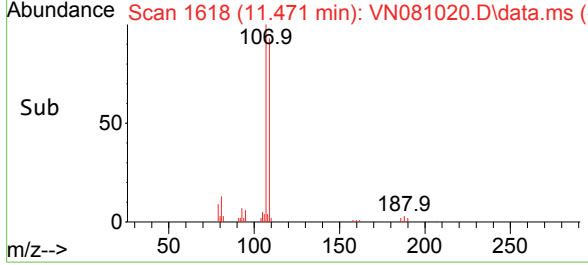
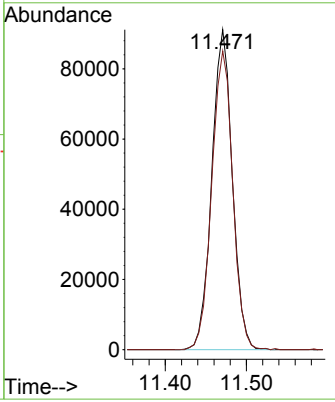
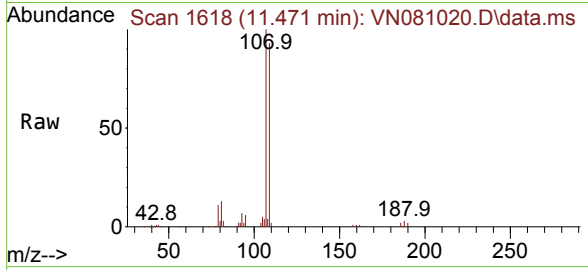




#61  
 1,2-Dibromoethane  
 Concen: 20.963 ug/l  
 RT: 11.471 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

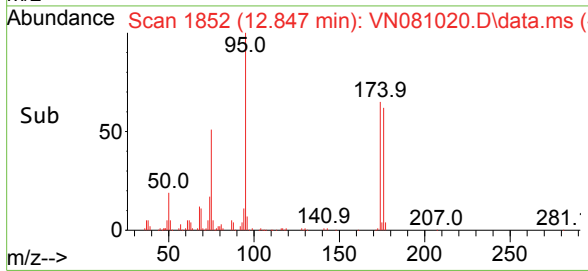
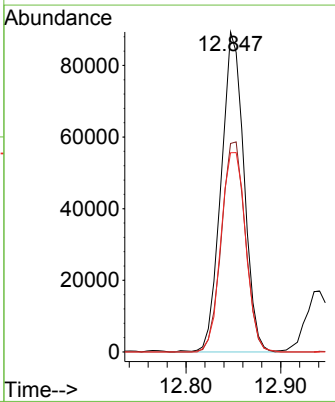
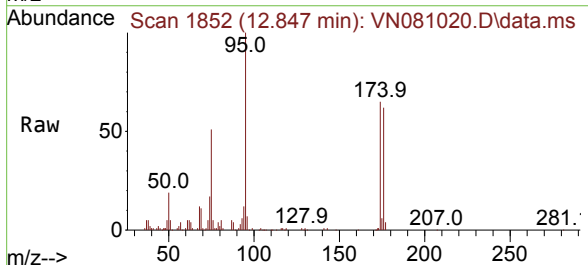
Instrument : MSVOA\_N  
 ClientSampleId :

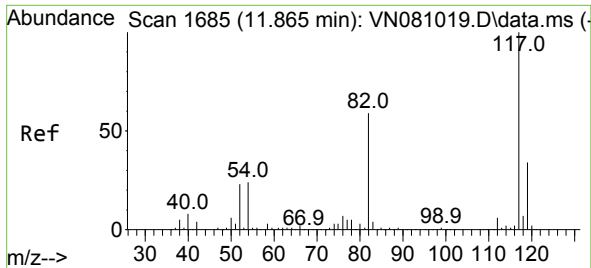
Tgt Ion:107 Resp: 160332  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 73.4 110.2



#62  
 4-Bromofluorobenzene  
 Concen: 19.899 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

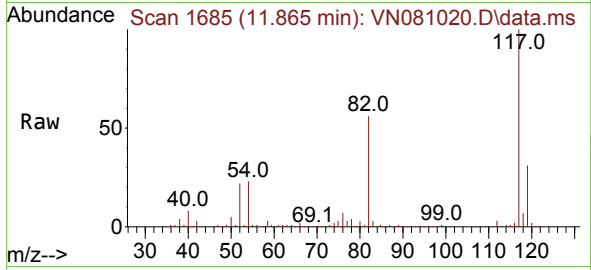
Tgt Ion: 95 Resp: 149797  
 Ion Ratio Lower Upper  
 95 100  
 174 68.5 0.0 120.4  
 176 67.5 0.0 121.0



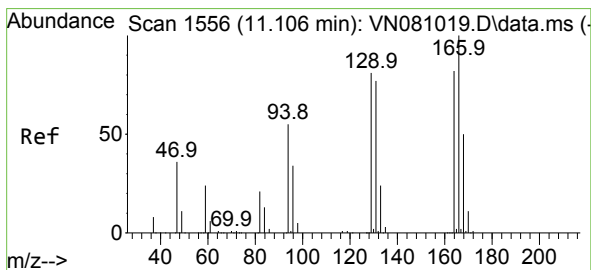
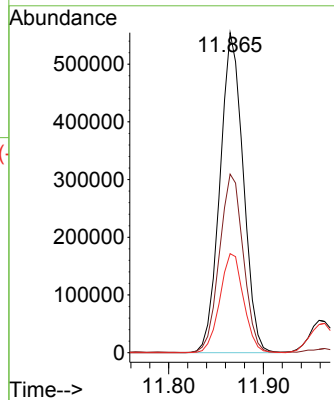
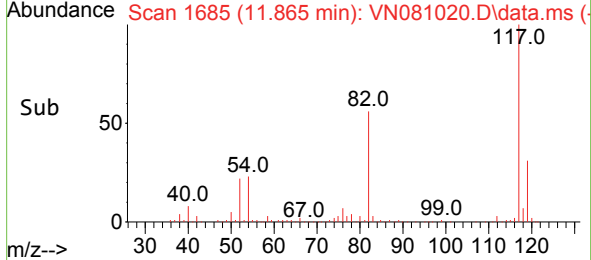


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 117  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

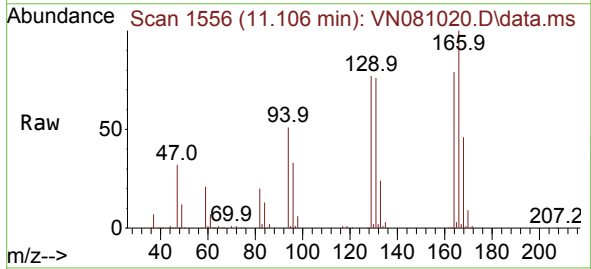
Instrument : MSVOA\_N  
 ClientSampleId :



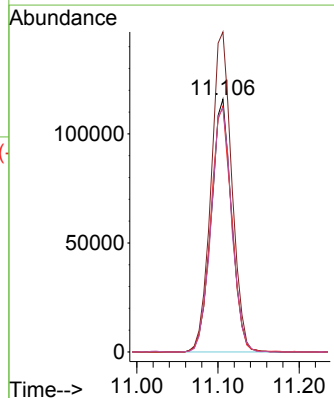
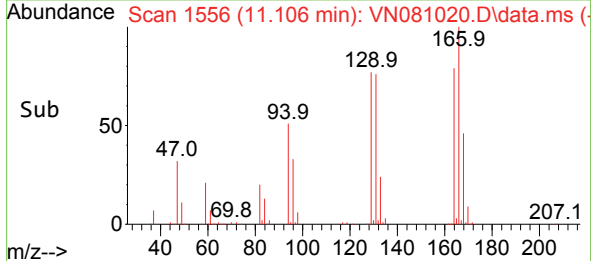
Tgt Ion:117 Resp: 947331  
 Ion Ratio Lower Upper  
 117 100  
 82 55.7 52.7 79.1  
 119 30.9 25.3 37.9

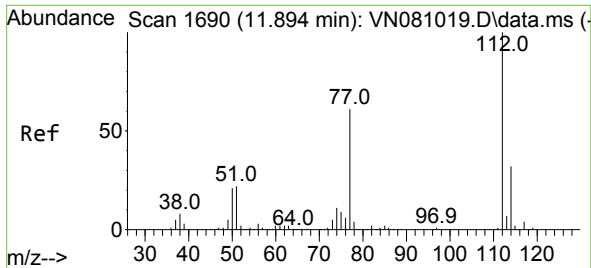


#64  
 Tetrachloroethene  
 Concen: 20.897 ug/l  
 RT: 11.106 min Scan# 1556  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



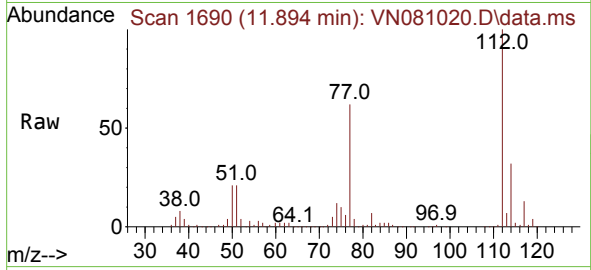
Tgt Ion:164 Resp: 201820  
 Ion Ratio Lower Upper  
 164 100  
 166 126.7 105.8 158.6  
 129 97.3 89.6 134.4  
 131 96.4 84.9 127.3



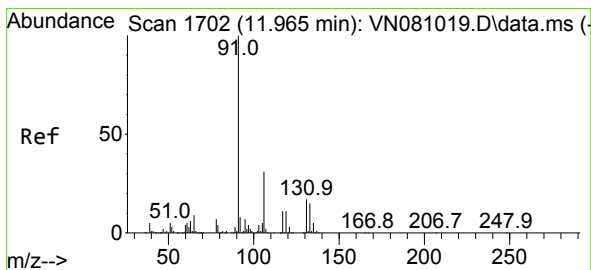
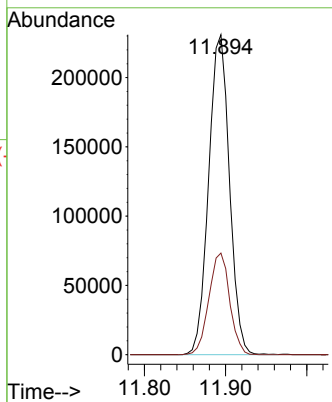
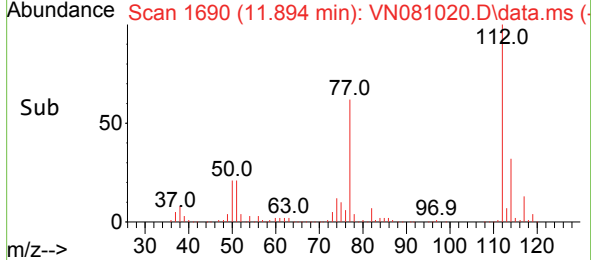


#65  
 Chlorobenzene  
 Concen: 20.681 ug/l  
 RT: 11.894 min Scan# 110  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

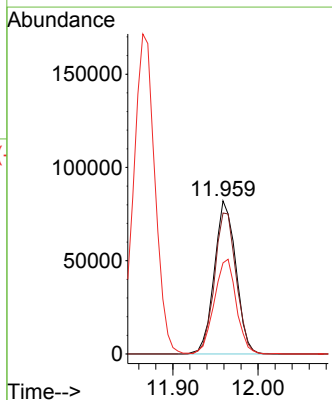
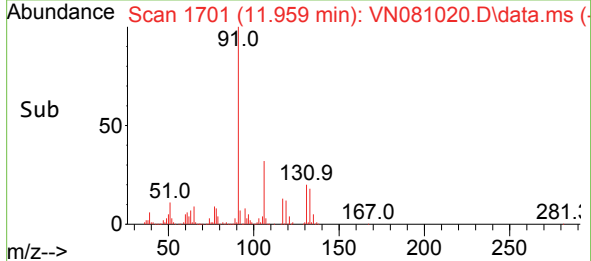
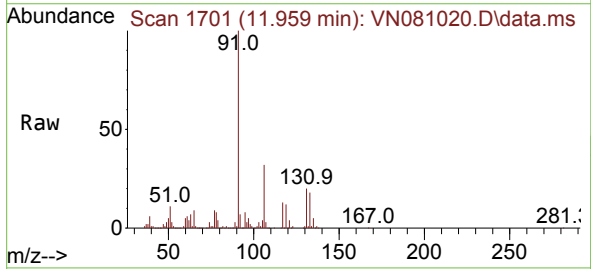


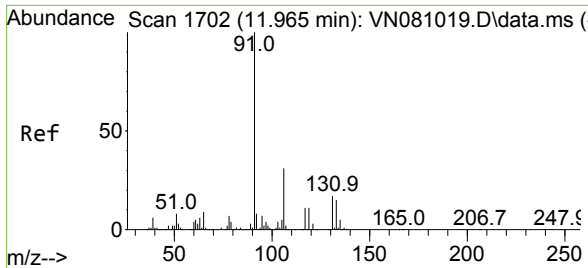
Tgt Ion:112 Resp: 410826  
 Ion Ratio Lower Upper  
 112 100  
 114 31.8 23.7 35.5



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 21.131 ug/l  
 RT: 11.959 min Scan# 1701  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion:131 Resp: 144514  
 Ion Ratio Lower Upper  
 131 100  
 133 93.0 46.8 140.3  
 119 63.2 34.6 103.9

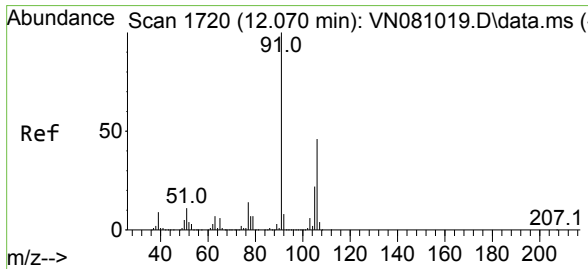
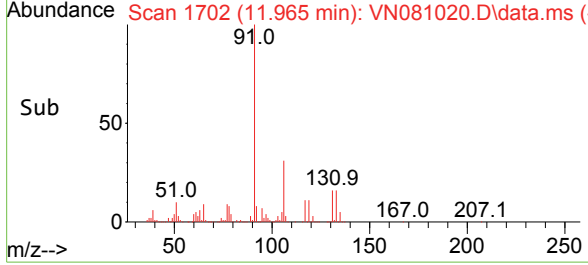
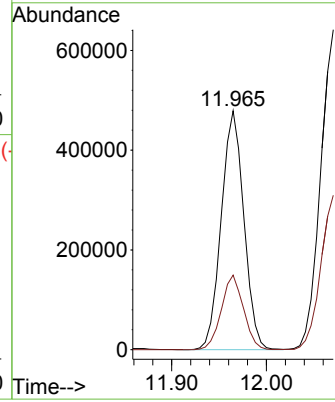
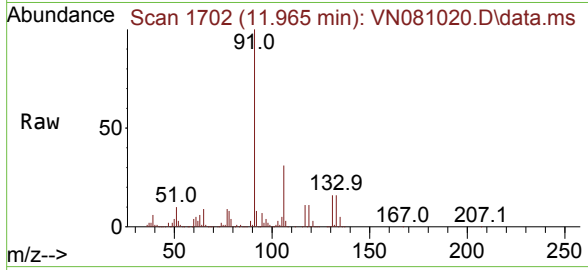




#67  
 Ethyl Benzene  
 Concen: 21.225 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

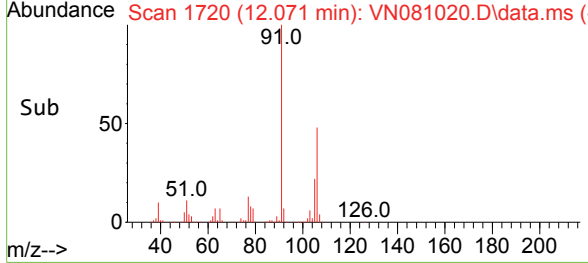
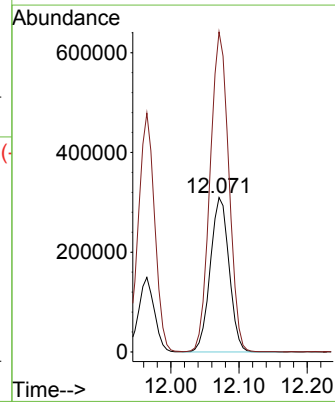
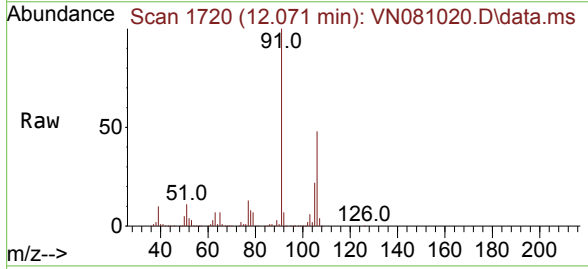
Instrument : MSVOA\_N  
 ClientSampleId :

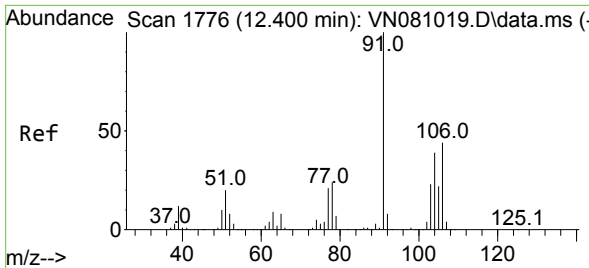
Tgt Ion: 91 Resp: 794884  
 Ion Ratio Lower Upper  
 91 100  
 106 31.2 23.8 35.6



#68  
 m/p-Xylenes  
 Concen: 43.083 ug/l  
 RT: 12.071 min Scan# 1720  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 106 Resp: 594998  
 Ion Ratio Lower Upper  
 106 100  
 91 206.3 169.0 253.6

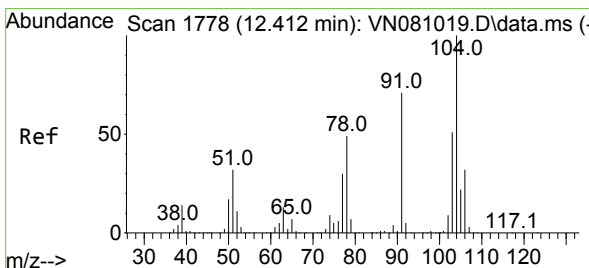
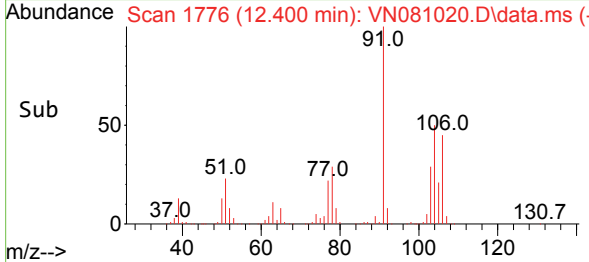
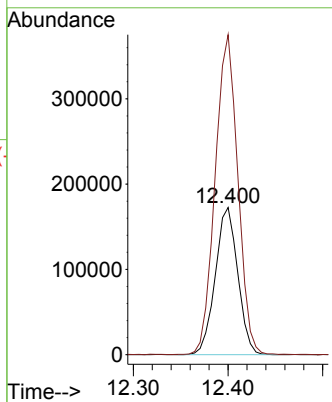
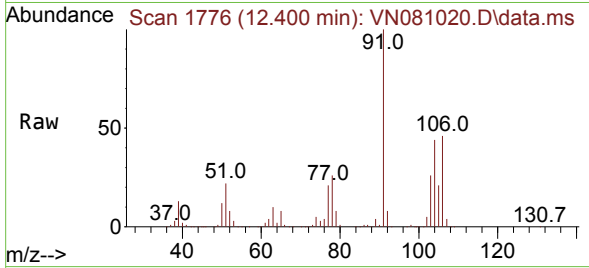




#69  
 o-Xylene  
 Concen: 21.238 ug/l  
 RT: 12.400 min Scan# 1776  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

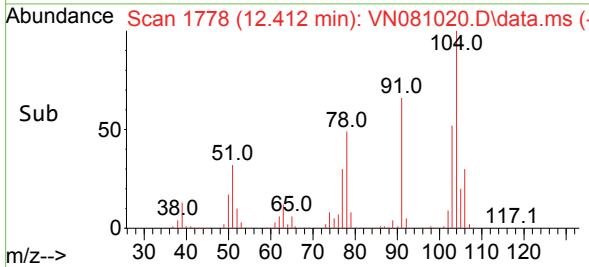
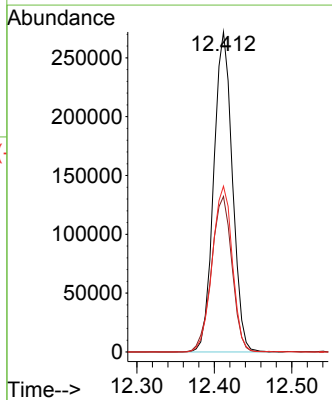
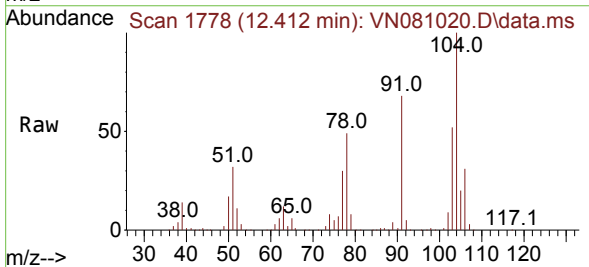
Instrument : MSVOA\_N  
 ClientSampleId :

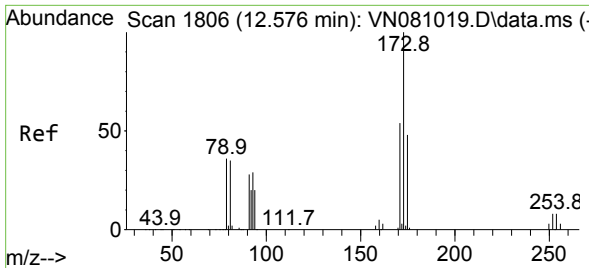
Tgt Ion:106 Resp: 284466  
 Ion Ratio Lower Upper  
 106 100  
 91 219.5 112.1 336.3



#70  
 Styrene  
 Concen: 21.339 ug/l  
 RT: 12.412 min Scan# 1778  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

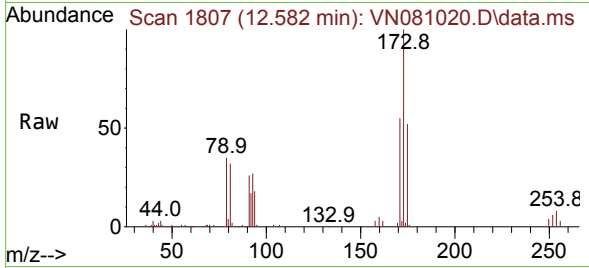
Tgt Ion:104 Resp: 455546  
 Ion Ratio Lower Upper  
 104 100  
 78 53.4 43.8 65.8  
 103 55.8 44.2 66.2



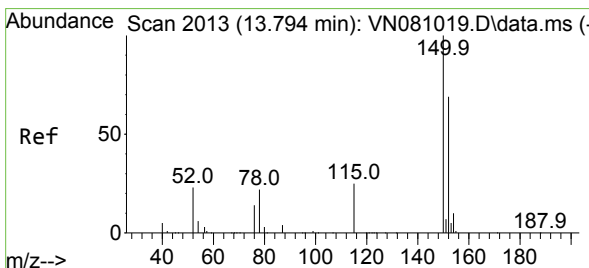
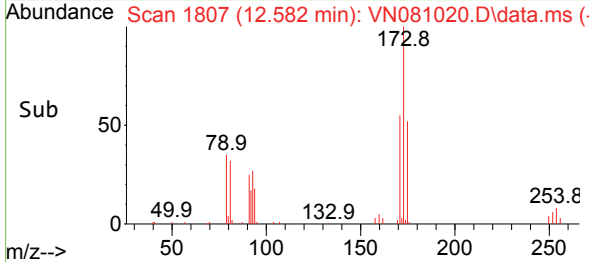
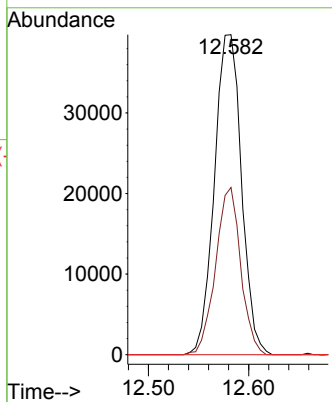


#71  
 Bromoform  
 Concen: 21.403 ug/l  
 RT: 12.582 min Scan# 1807  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

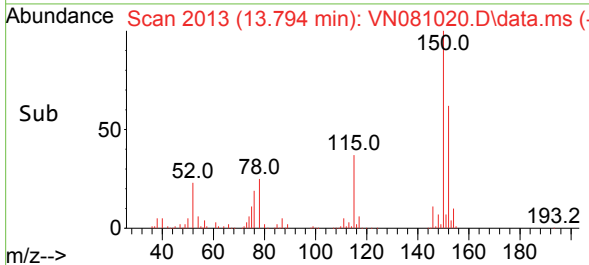
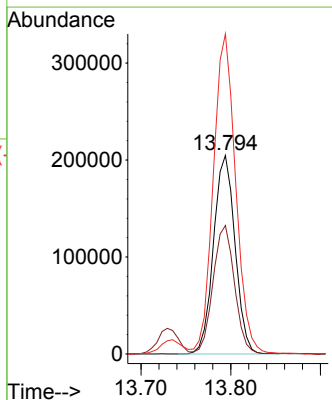
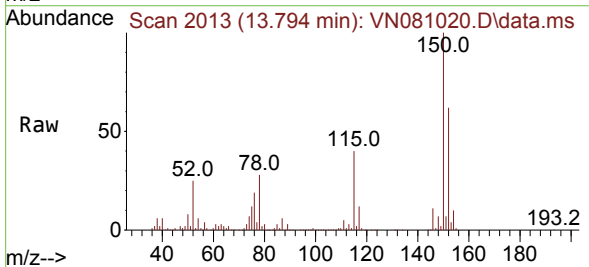


Tgt Ion:173 Resp: 74469  
 Ion Ratio Lower Upper  
 173 100  
 175 48.5 23.1 69.2  
 254 0.0 0.0 0.0

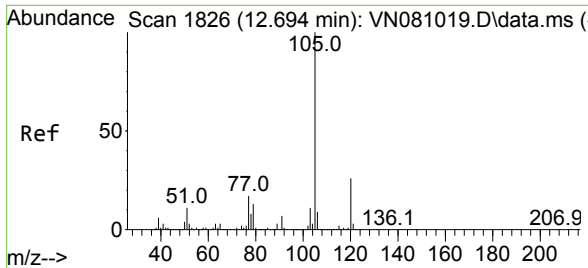


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion:152 Resp: 341458  
 Ion Ratio Lower Upper  
 152 100  
 115 64.3 32.3 96.8  
 150 167.3 0.0 339.8

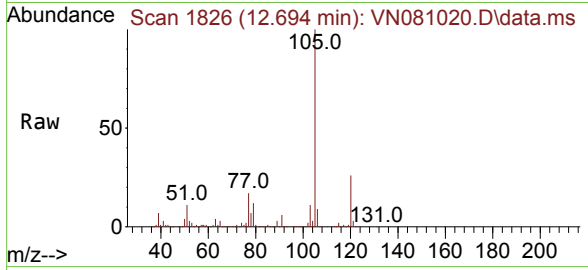




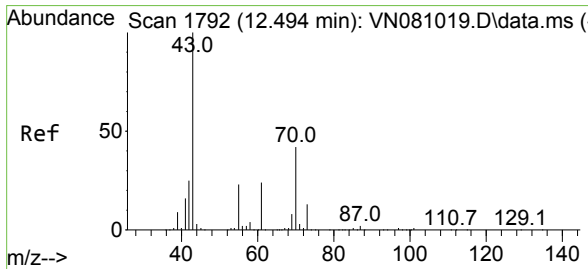
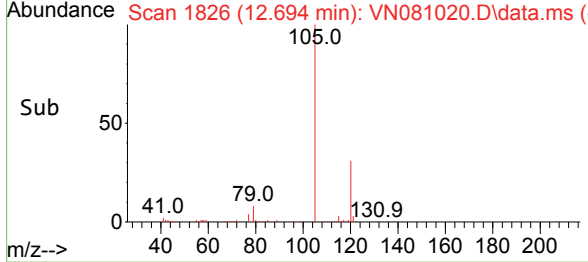
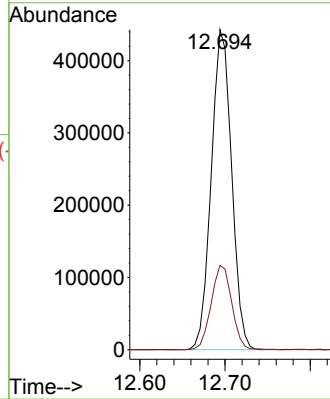


#73  
 Isopropylbenzene  
 Concen: 21.301 ug/l  
 RT: 12.694 min Scan# 1826  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

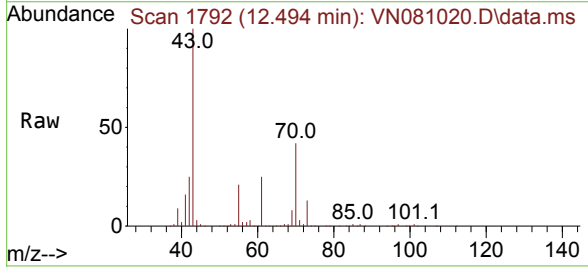
Instrument :  
 MSVOA\_N  
 ClientSampleId :



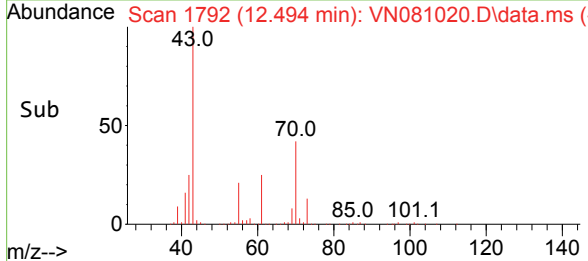
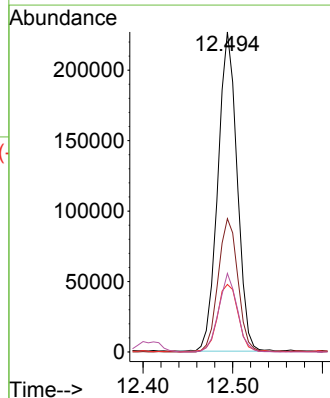
Tgt Ion:105 Resp: 734881  
 Ion Ratio Lower Upper  
 105 100  
 120 26.5 12.6 37.6

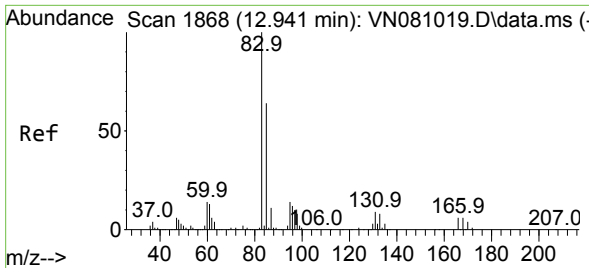


#74  
 N-amy1 acetate  
 Concen: 21.267 ug/l  
 RT: 12.494 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



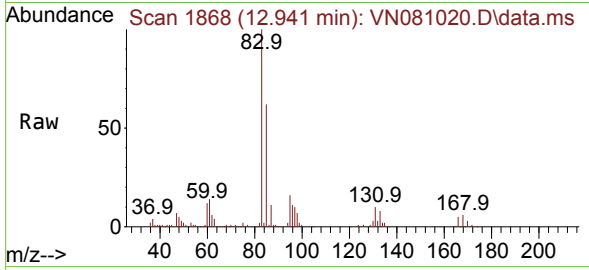
Tgt Ion: 43 Resp: 337553  
 Ion Ratio Lower Upper  
 43 100  
 70 42.7 30.1 45.1  
 55 23.1 17.0 25.4  
 61 23.8 17.5 26.3



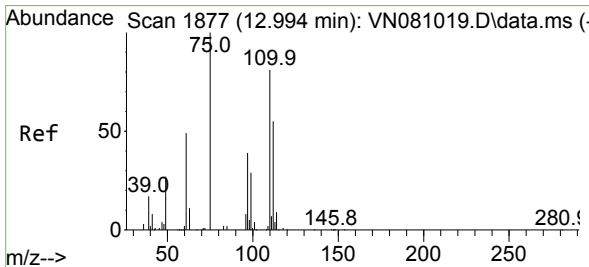
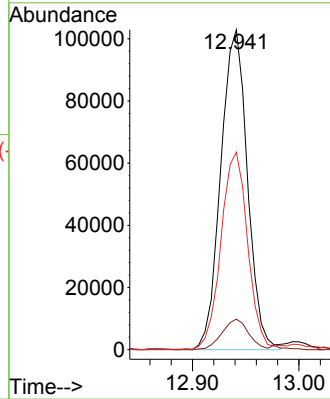
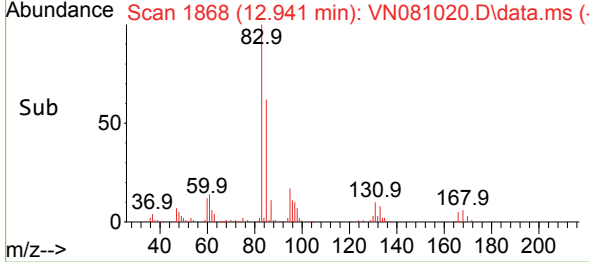


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.169 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

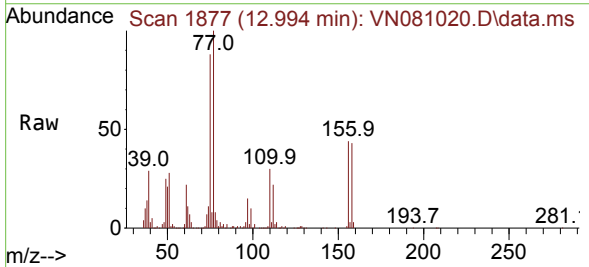
Instrument : MSVOA\_N  
 ClientSampleId :



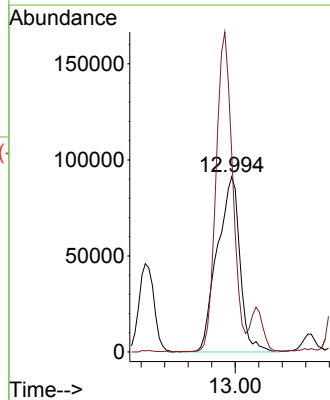
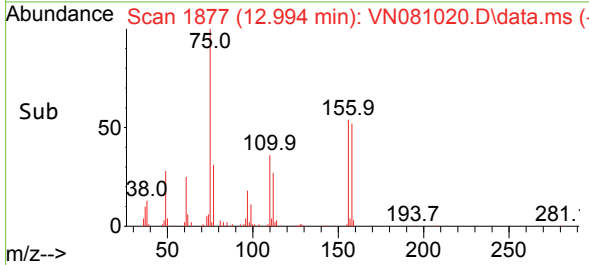
Tgt Ion: 83 Resp: 179251  
 Ion Ratio Lower Upper  
 83 100  
 131 9.5 4.1 12.3  
 85 61.5 32.1 96.3

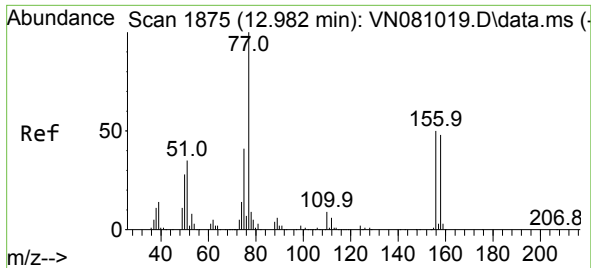


#76  
 1,2,3-Trichloropropane  
 Concen: 33.006 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



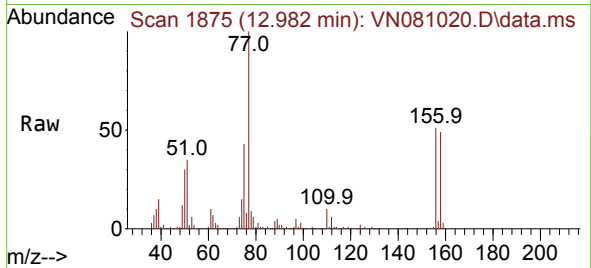
Tgt Ion: 75 Resp: 244828  
 Ion Ratio Lower Upper  
 75 100  
 77 133.7 91.0 272.8



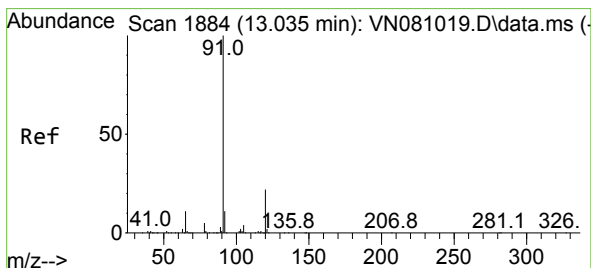
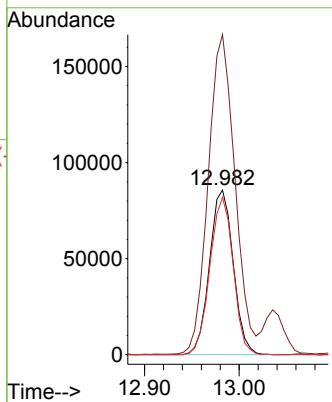
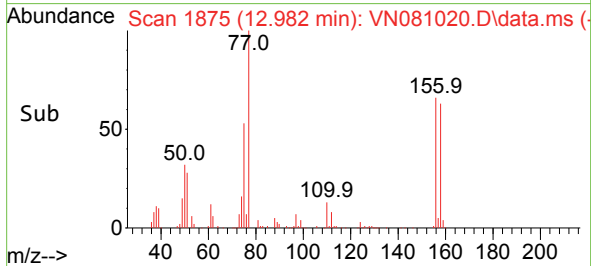


#77  
 Bromobenzene  
 Concen: 21.313 ug/l  
 RT: 12.982 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

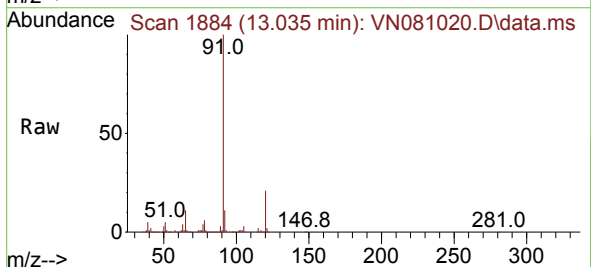
Instrument :  
 MSVOA\_N  
 ClientSampleId :



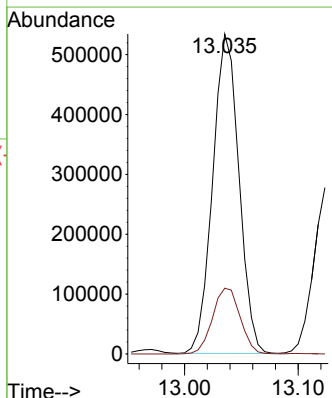
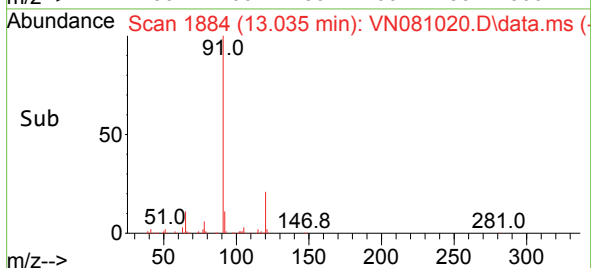
Tgt Ion:156 Resp: 148926  
 Ion Ratio Lower Upper  
 156 100  
 77 219.7 138.1 414.3  
 158 93.7 46.5 139.5

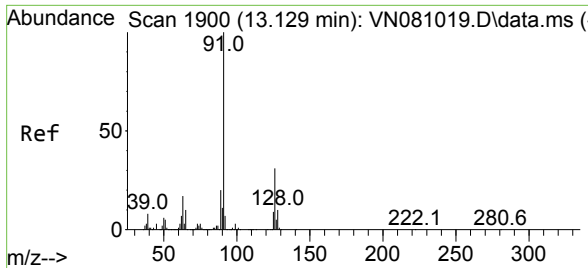


#78  
 n-propylbenzene  
 Concen: 21.774 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



Tgt Ion: 91 Resp: 857173  
 Ion Ratio Lower Upper  
 91 100  
 120 21.7 10.3 30.9

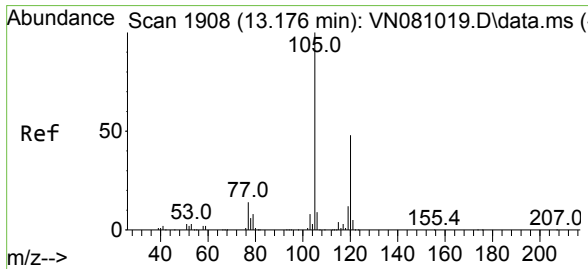
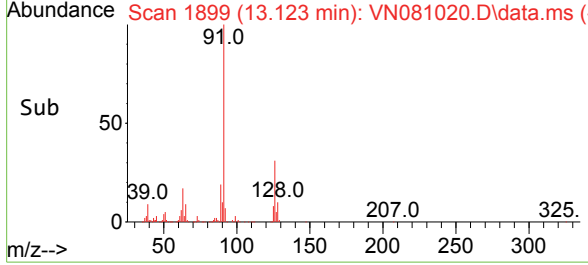
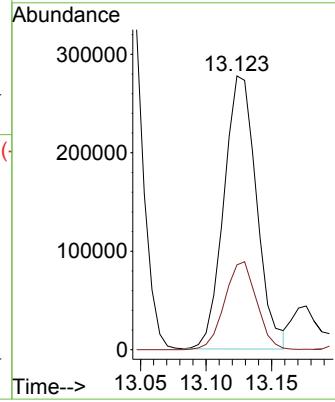
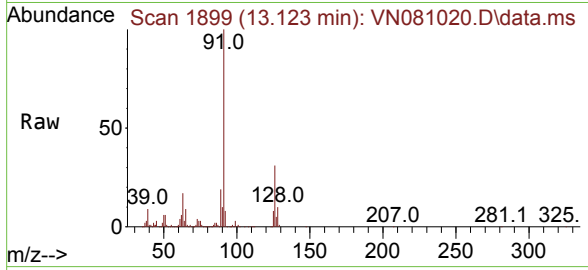




#79  
 2-Chlorotoluene  
 Concen: 21.215 ug/l  
 RT: 13.123 min Scan# 1899  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

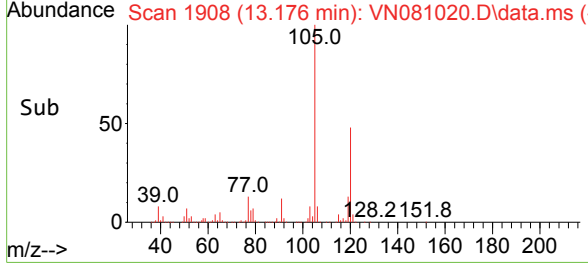
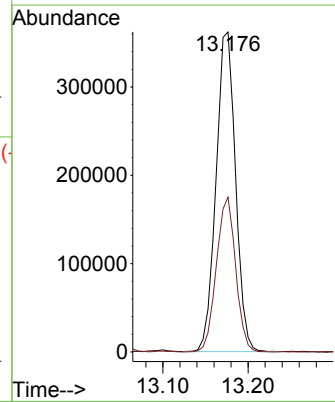
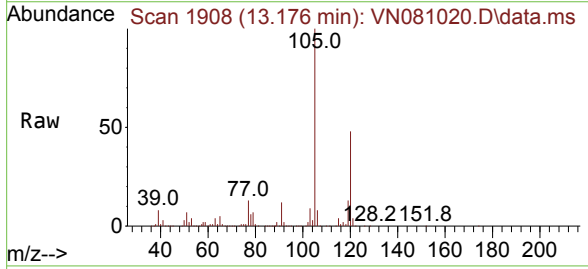
Instrument : MSVOA\_N  
 ClientSampleId :

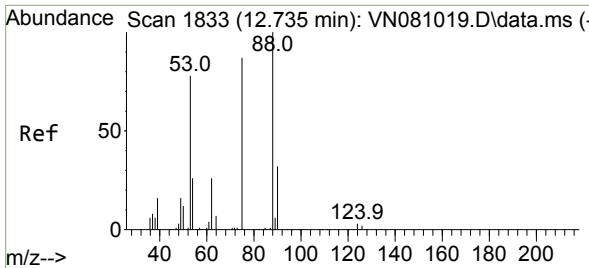
Tgt Ion: 91 Resp: 482373  
 Ion Ratio Lower Upper  
 91 100  
 126 31.4 14.8 44.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.487 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

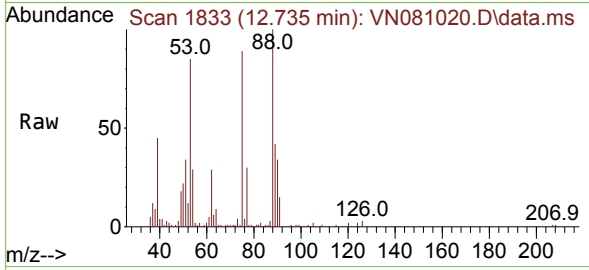
Tgt Ion: 105 Resp: 575130  
 Ion Ratio Lower Upper  
 105 100  
 120 47.9 23.0 69.0



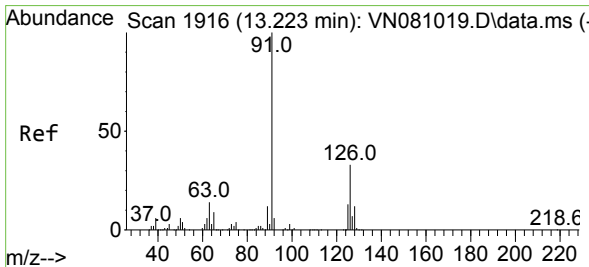
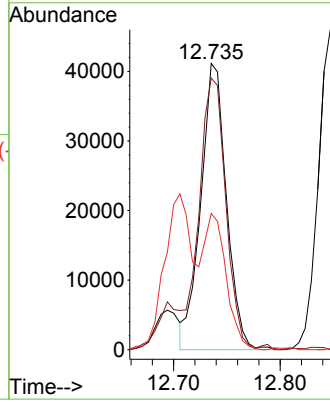
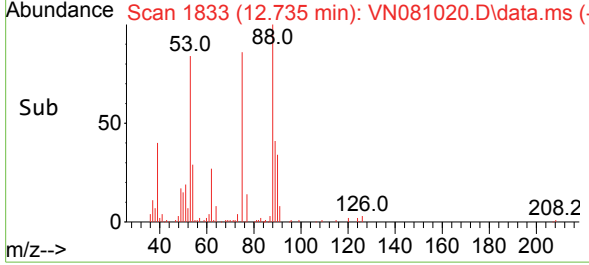


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 21.313 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :

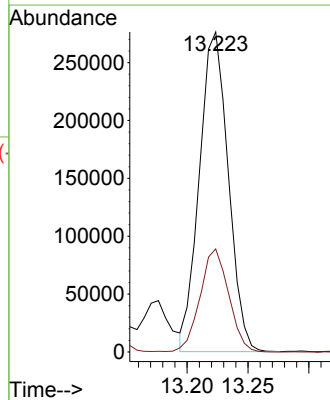
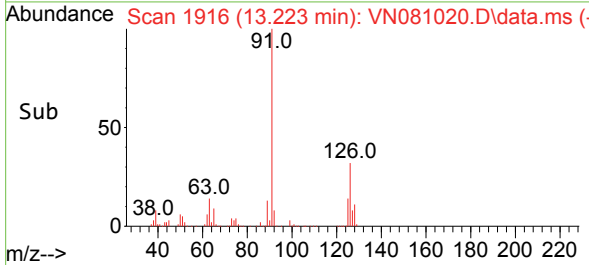
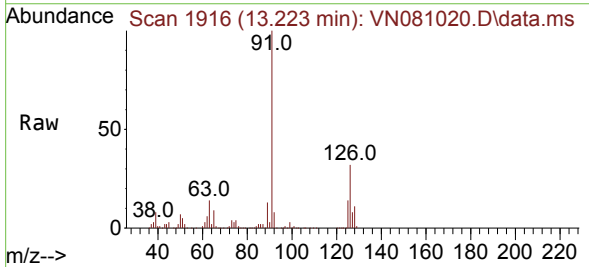


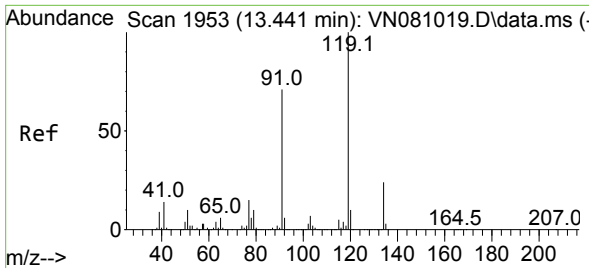
Tgt Ion: 75 Resp: 69078  
 Ion Ratio Lower Upper  
 75 100  
 53 97.9 71.4 107.2  
 89 40.6 33.4 50.0



#82  
 4-Chlorotoluene  
 Concen: 20.752 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

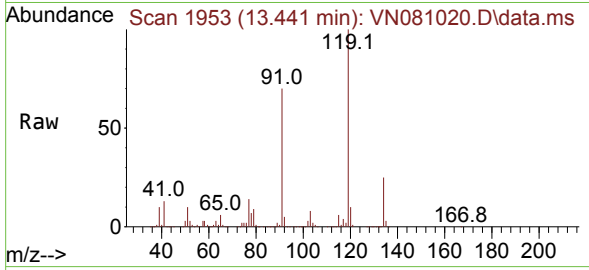
Tgt Ion: 91 Resp: 455984  
 Ion Ratio Lower Upper  
 91 100  
 126 32.0 15.3 45.9



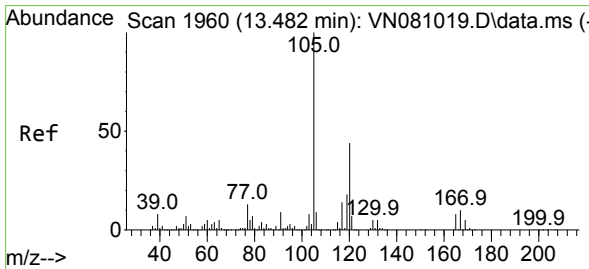
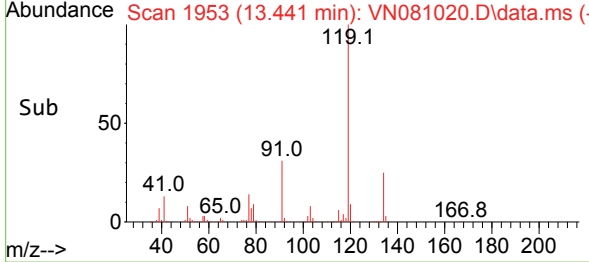
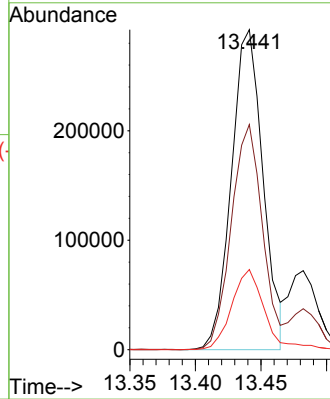


#83  
 tert-Butylbenzene  
 Concen: 21.431 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :

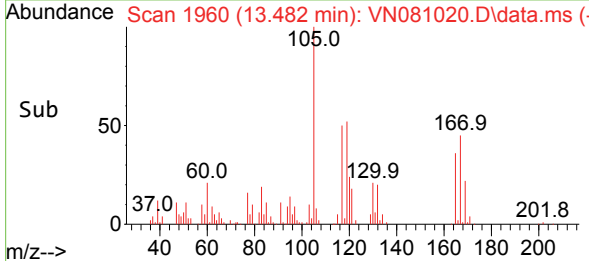
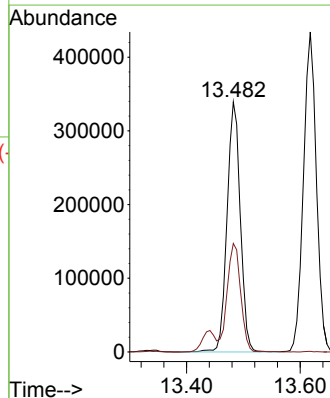
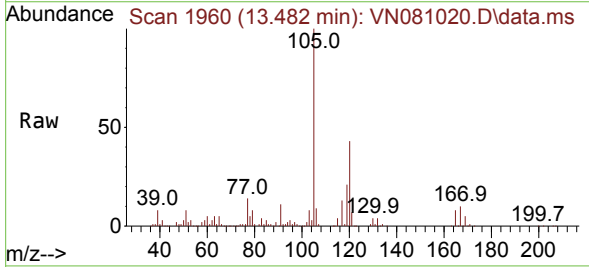


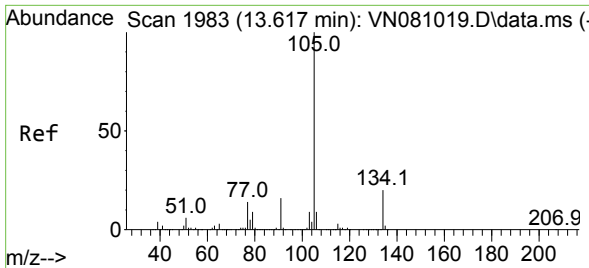
Tgt Ion:119 Resp: 491223  
 Ion Ratio Lower Upper  
 119 100  
 91 71.2 36.8 110.4  
 134 26.1 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.402 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

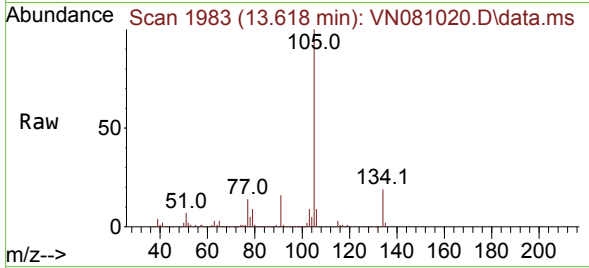
Tgt Ion:105 Resp: 551942  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 20.9 62.7



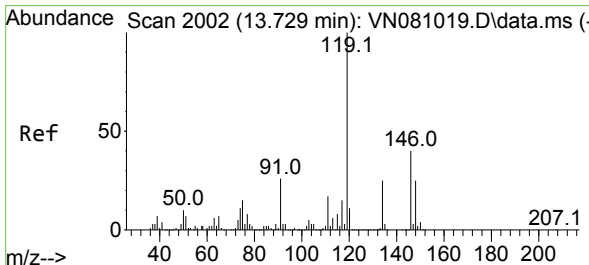
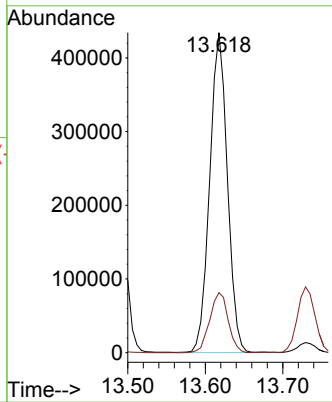
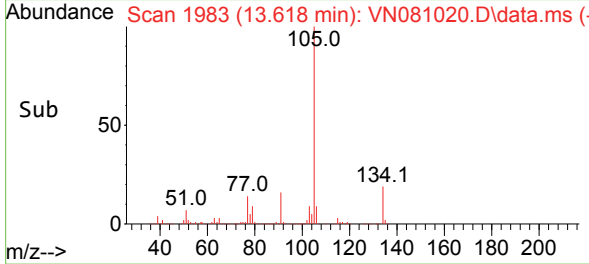


#85  
 sec-Butylbenzene  
 Concen: 21.856 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

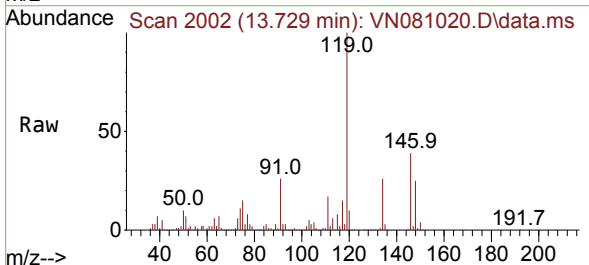
Instrument : MSVOA\_N  
 ClientSampleId :



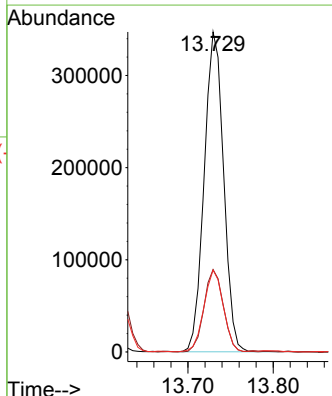
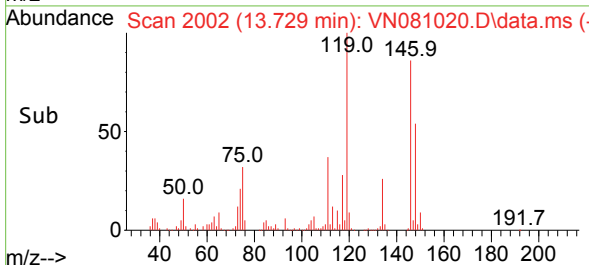
Tgt Ion:105 Resp: 687265  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 8.6 25.8

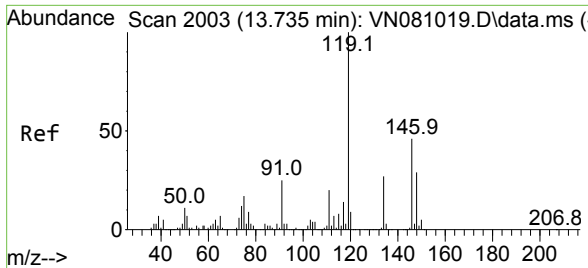


#86  
 p-Isopropyltoluene  
 Concen: 21.755 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



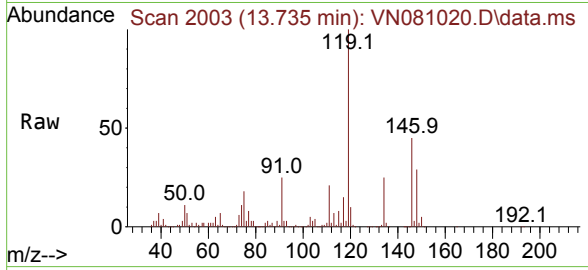
Tgt Ion:119 Resp: 550128  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.4 37.2  
 91 25.4 13.5 40.4





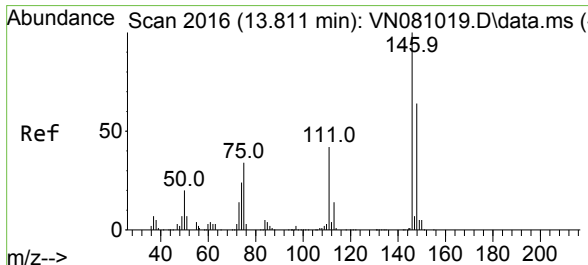
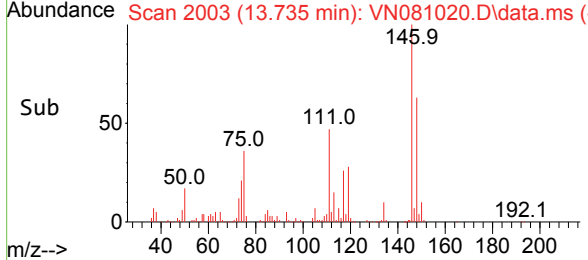
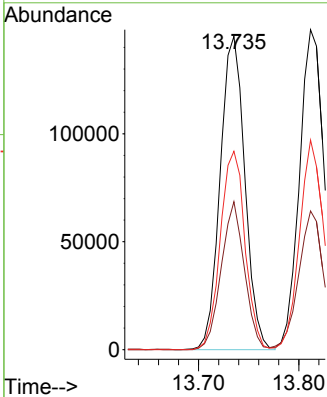
#87  
 1,3-Dichlorobenzene  
 Concen: 20.878 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion:146 Resp: 248085

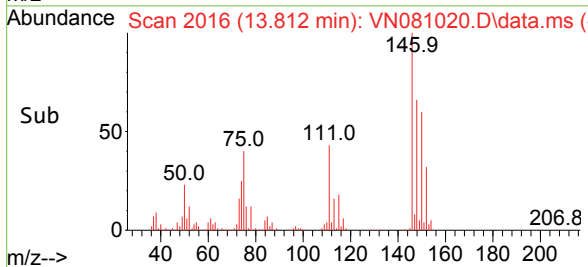
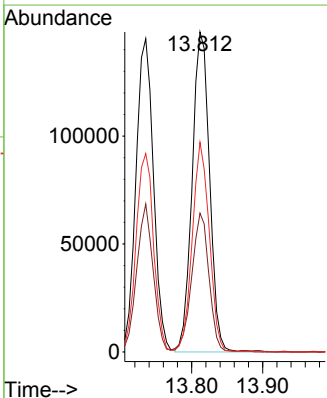
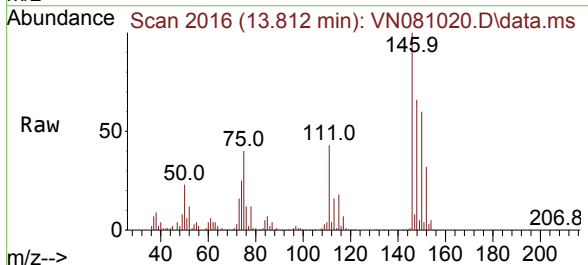
Ion	Ratio	Lower	Upper
146	100		
111	44.4	23.9	71.7
148	63.4	32.6	97.7



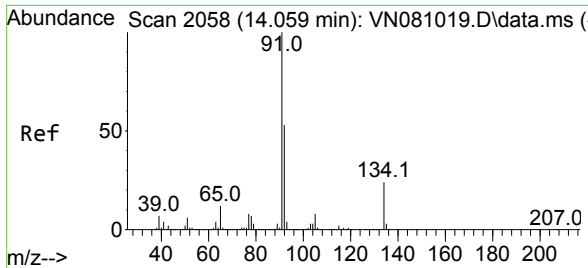
#88  
 1,4-Dichlorobenzene  
 Concen: 20.648 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion:146 Resp: 253501

Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.6	67.7
148	63.5	31.9	95.5

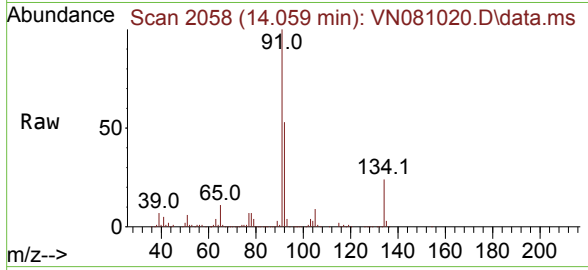






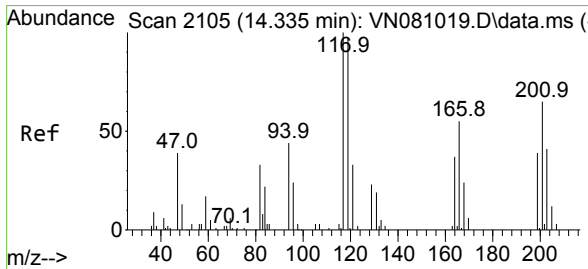
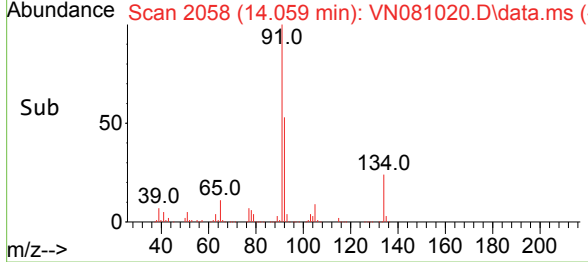
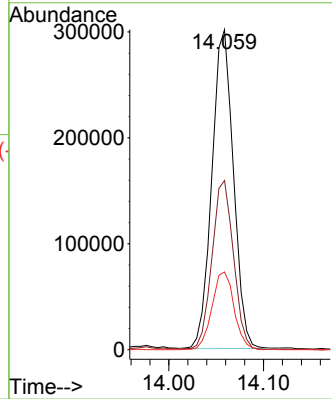
#89  
 n-Butylbenzene  
 Concen: 20.545 ug/l  
 RT: 14.059 min Scan# 2058  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 91 Resp: 475543

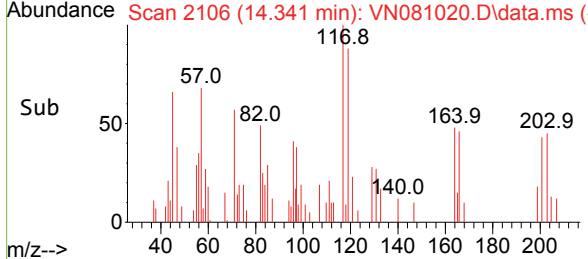
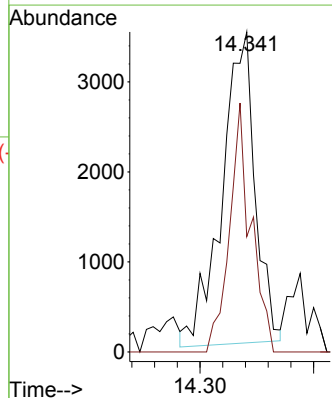
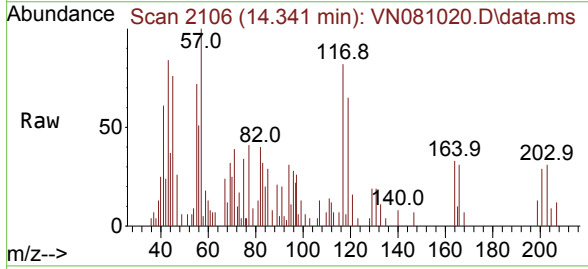
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	25.0	10.8	32.4

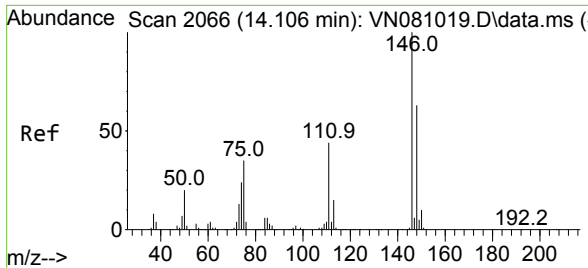


#90  
 Hexachloroethane  
 Concen: 20.092 ug/l  
 RT: 14.341 min Scan# 2106  
 Delta R.T. 0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion: 117 Resp: 7013

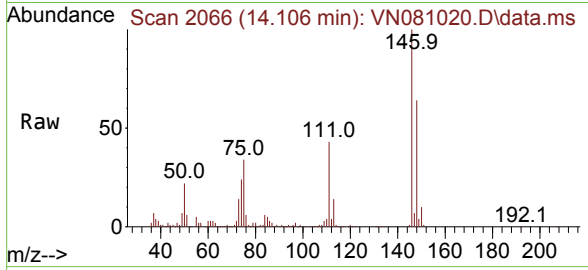
Ion	Ratio	Lower	Upper
117	100		
201	51.5	30.0	90.0



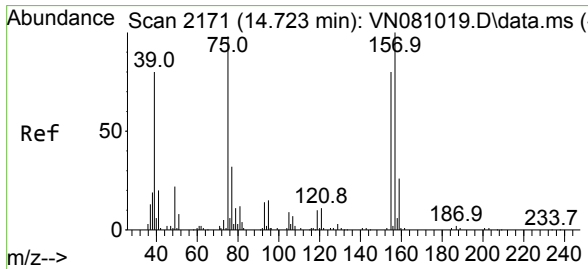
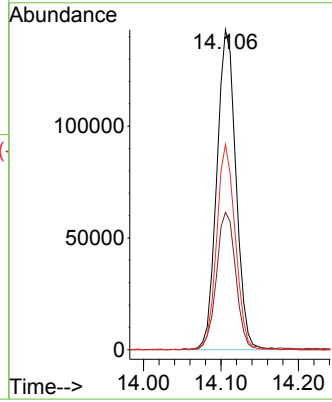
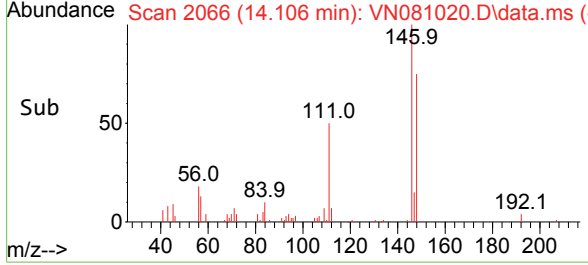


#91  
 1,2-Dichlorobenzene  
 Concen: 21.254 ug/l  
 RT: 14.106 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

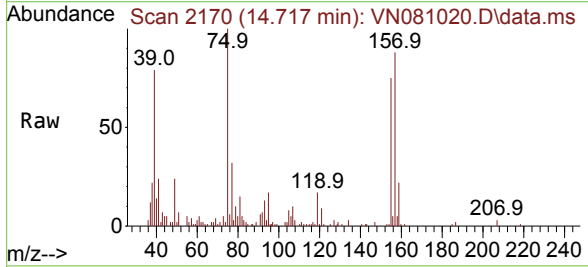
Instrument : MSVOA\_N  
 ClientSampleId :



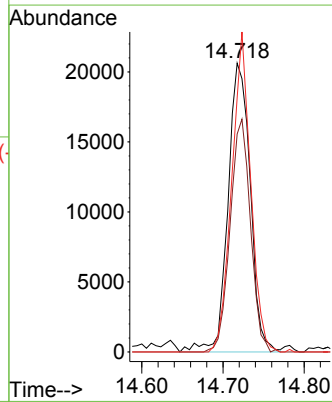
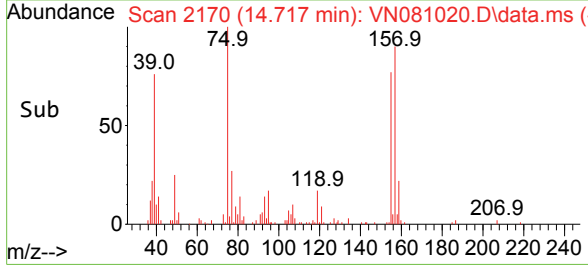
Tgt Ion:146 Resp: 244818  
 Ion Ratio Lower Upper  
 146 100  
 111 43.9 23.9 71.8  
 148 62.4 31.4 94.0

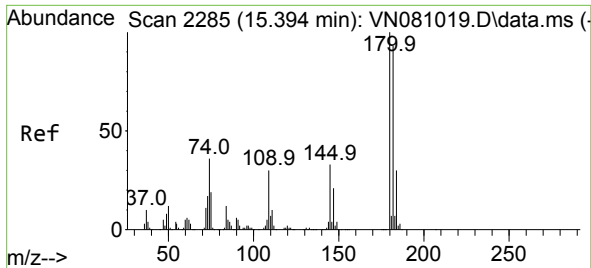


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.018 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. -0.006 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



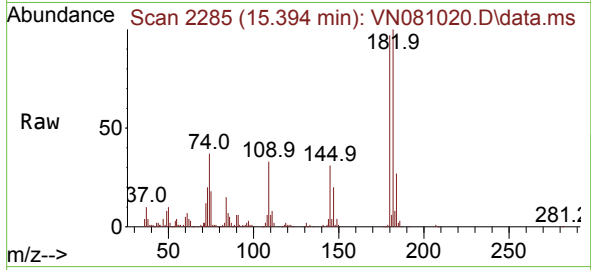
Tgt Ion: 75 Resp: 39285  
 Ion Ratio Lower Upper  
 75 100  
 155 73.6 31.8 95.4  
 157 94.2 41.1 123.4



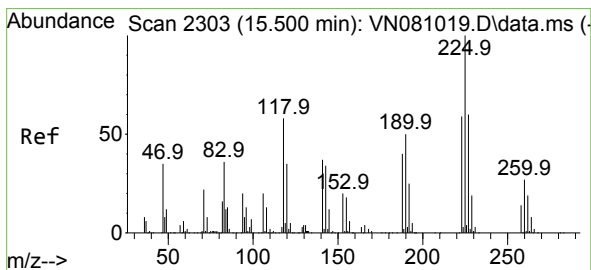
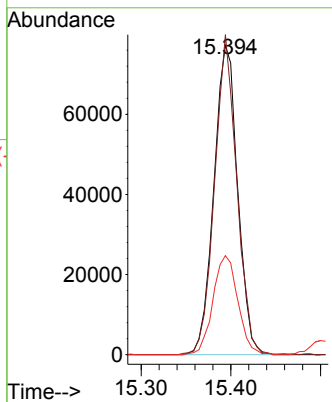
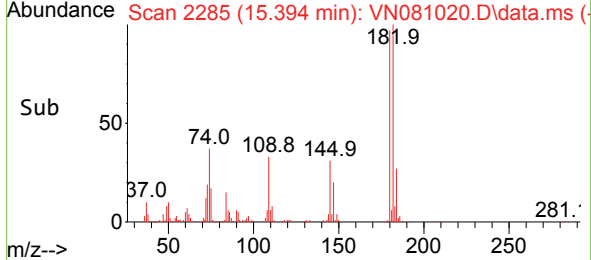


#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.536 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

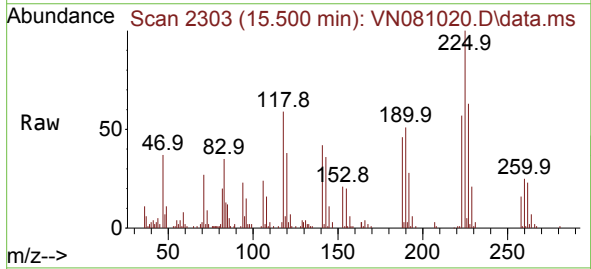
Instrument :  
 MSVOA\_N  
 ClientSampleId :



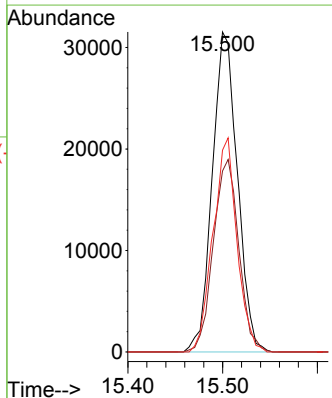
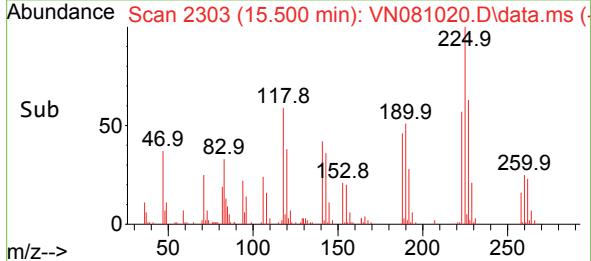
Tgt Ion:180 Resp: 141715  
 Ion Ratio Lower Upper  
 180 100  
 182 96.6 46.6 139.7  
 145 33.6 16.8 50.3

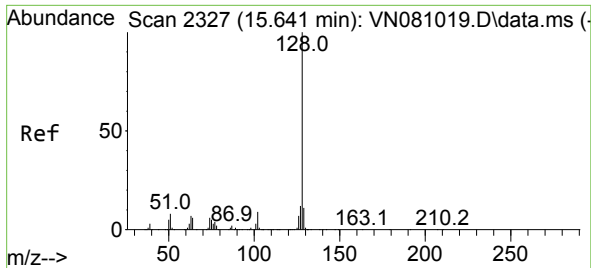


#94  
 Hexachlorobutadiene  
 Concen: 20.351 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. -0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37



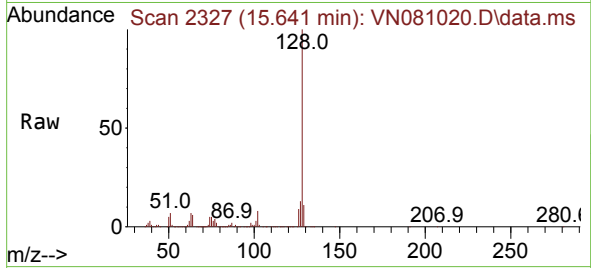
Tgt Ion:225 Resp: 58083  
 Ion Ratio Lower Upper  
 225 100  
 223 61.1 33.3 99.8  
 227 63.8 33.1 99.2



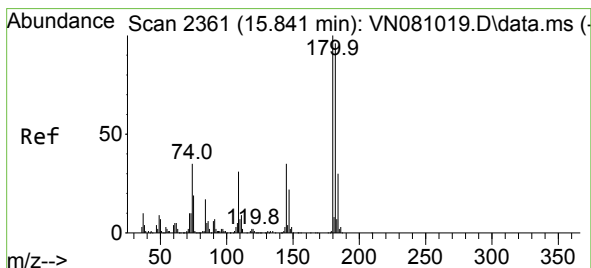
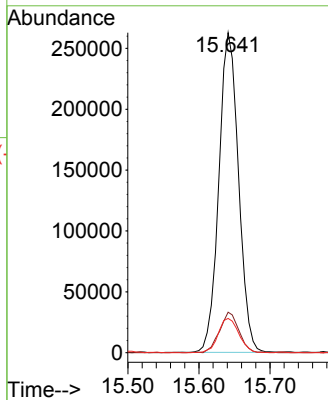
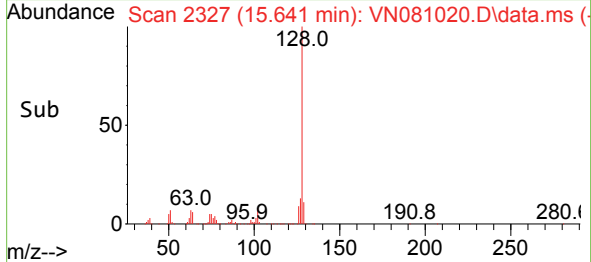


#95  
 Naphthalene  
 Concen: 20.540 ug/l  
 RT: 15.641 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:128 Resp: 504260  
 Ion Ratio Lower Upper  
 128 100  
 127 12.6 10.0 15.0  
 129 11.3 8.7 13.1



#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.641 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. 0.000 min  
 Lab File: VN081020.D  
 Acq: 14 Feb 2024 12:37

Tgt Ion:180 Resp: 139586  
 Ion Ratio Lower Upper  
 180 100  
 182 97.7 46.5 139.3  
 145 35.9 17.8 53.4

