

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080197.D
 Acq On : 20 Nov 2023 10:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 00:59:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	189425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	271155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	175652	56.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.320%	
35) Dibromofluoromethane	8.165	113	118803	54.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.600%	
50) Toluene-d8	10.564	98	416834	53.341	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.853	95	161642	54.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	134164	47.549	ug/l	99
3) Chloromethane	2.365	50	91892	43.317	ug/l	98
4) Vinyl Chloride	2.518	62	98464	43.859	ug/l	98
5) Bromomethane	2.953	94	73336	48.119	ug/l	90
6) Chloroethane	3.118	64	66140	47.535	ug/l	96
7) Trichlorofluoromethane	3.500	101	224805	48.003	ug/l	98
8) Diethyl Ether	3.959	74	69241	50.838	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	97832	45.704	ug/l	95
10) Methyl Iodide	4.588	142	129773	56.098	ug/l #	87
11) Tert butyl alcohol	5.518	59	82460	239.744	ug/l	99
12) 1,1-Dichloroethene	4.347	96	93323	46.613	ug/l	87
13) Acrolein	4.177	56	81396	267.406	ug/l	97
14) Allyl chloride	5.024	41	117342	46.584	ug/l #	89
15) Acrylonitrile	5.712	53	219489	237.710	ug/l	99
16) Acetone	4.424	43	213654	203.379	ug/l	90
17) Carbon Disulfide	4.712	76	253078	42.335	ug/l	100
18) Methyl Acetate	5.018	43	151532	44.894	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	384460	54.376	ug/l	99
20) Methylene Chloride	5.277	84	123652	56.207	ug/l	94
21) trans-1,2-Dichloroethene	5.782	96	107520	48.885	ug/l	88
22) Diisopropyl ether	6.671	45	285559	51.240	ug/l	98
23) Vinyl Acetate	6.606	43	851360	254.107	ug/l	95
24) 1,1-Dichloroethane	6.571	63	199761	49.214	ug/l	96
25) 2-Butanone	7.482	43	259884	208.217	ug/l	95
26) 2,2-Dichloropropane	7.488	77	209186	51.945	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	127889	51.286	ug/l	89
28) Bromochloromethane	7.812	49	83494	52.323	ug/l	98
29) Tetrahydrofuran	7.835	42	156385	233.377	ug/l	96
30) Chloroform	7.965	83	244006	53.784	ug/l	98
31) Cyclohexane	8.259	56	130718	38.430	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	228878	51.732	ug/l	99
36) 1,1-Dichloropropene	8.371	75	154707	49.292	ug/l	95
37) Ethyl Acetate	7.559	43	109351	50.230	ug/l #	94
38) Carbon Tetrachloride	8.359	117	210579	52.871	ug/l	98
39) Methylcyclohexane	9.600	83	143507	47.421	ug/l	94
40) Benzene	8.606	78	455935	51.113	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	60511	50.613	ug/l	93
42) 1,2-Dichloroethane	8.671	62	213249	58.433	ug/l	94
43) Isopropyl Acetate	8.688	43	191452	45.192	ug/l	98
44) Trichloroethene	9.353	130	120172	51.358	ug/l	98
45) 1,2-Dichloropropane	9.617	63	106588	51.418	ug/l	99
46) Dibromomethane	9.712	93	89121	56.795	ug/l	92
47) Bromodichloromethane	9.888	83	198689	57.562	ug/l	95
48) Methyl methacrylate	9.682	41	115019	52.684	ug/l	91
49) 1,4-Dioxane	9.694	88	34240	942.730	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	541449	246.865	ug/l	99
52) Toluene	10.629	92	293025	52.491	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200505	56.537	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205417	56.695	ug/l #	90
55) 1,1,2-Trichloroethane	11.017	97	116341	54.603	ug/l	98
56) Ethyl methacrylate	10.876	69	122787	56.411	ug/l	94
57) 1,3-Dichloropropane	11.164	76	201835	54.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	352341	287.331	ug/l	100
59) 2-Hexanone	11.194	43	410667	233.010	ug/l	96
60) Dibromochloromethane	11.359	129	150940	59.173	ug/l	97
61) 1,2-Dibromoethane	11.470	107	117241	53.938	ug/l	96
64) Tetrachloroethene	11.106	164	114377	55.272	ug/l	99
65) Chlorobenzene	11.894	112	315686	51.379	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	137265	57.569	ug/l	93
67) Ethyl Benzene	11.964	91	572339	52.349	ug/l	95
68) m/p-Xylenes	12.070	106	424872	106.582	ug/l	86
69) o-Xylene	12.400	106	204155	54.343	ug/l	85
70) Styrene	12.411	104	310509	55.531	ug/l #	92
71) Bromoform	12.582	173	102190	57.793	ug/l #	99
73) Isopropylbenzene	12.700	105	538767	48.639	ug/l	97
74) N-amyl acetate	12.494	43	154595	44.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	141348	42.635	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	203934	58.390	ug/l	76
77) Bromobenzene	12.982	156	137688	49.302	ug/l	94
78) n-propylbenzene	13.041	91	595946	48.112	ug/l	100
79) 2-Chlorotoluene	13.129	91	396746	49.316	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	479627	49.741	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	48938	47.340	ug/l #	84
82) 4-Chlorotoluene	13.223	91	408610	49.578	ug/l	96
83) tert-Butylbenzene	13.441	119	370345	47.894	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	490568	51.668	ug/l	96
85) sec-Butylbenzene	13.617	105	465339	47.571	ug/l	99
86) p-Isopropyltoluene	13.729	119	440325	50.391	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	241963	48.089	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	243322	48.120	ug/l	97
89) n-Butylbenzene	14.058	91	348028	47.585	ug/l	99
90) Hexachloroethane	14.335	117	79443	46.634	ug/l	68
91) 1,2-Dichlorobenzene	14.105	146	234563	48.716	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33396	43.368	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	130828	46.718	ug/l	95
94) Hexachlorobutadiene	15.499	225	71346	44.272	ug/l	97
95) Naphthalene	15.641	128	357092	43.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125773	47.916	ug/l	97

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QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

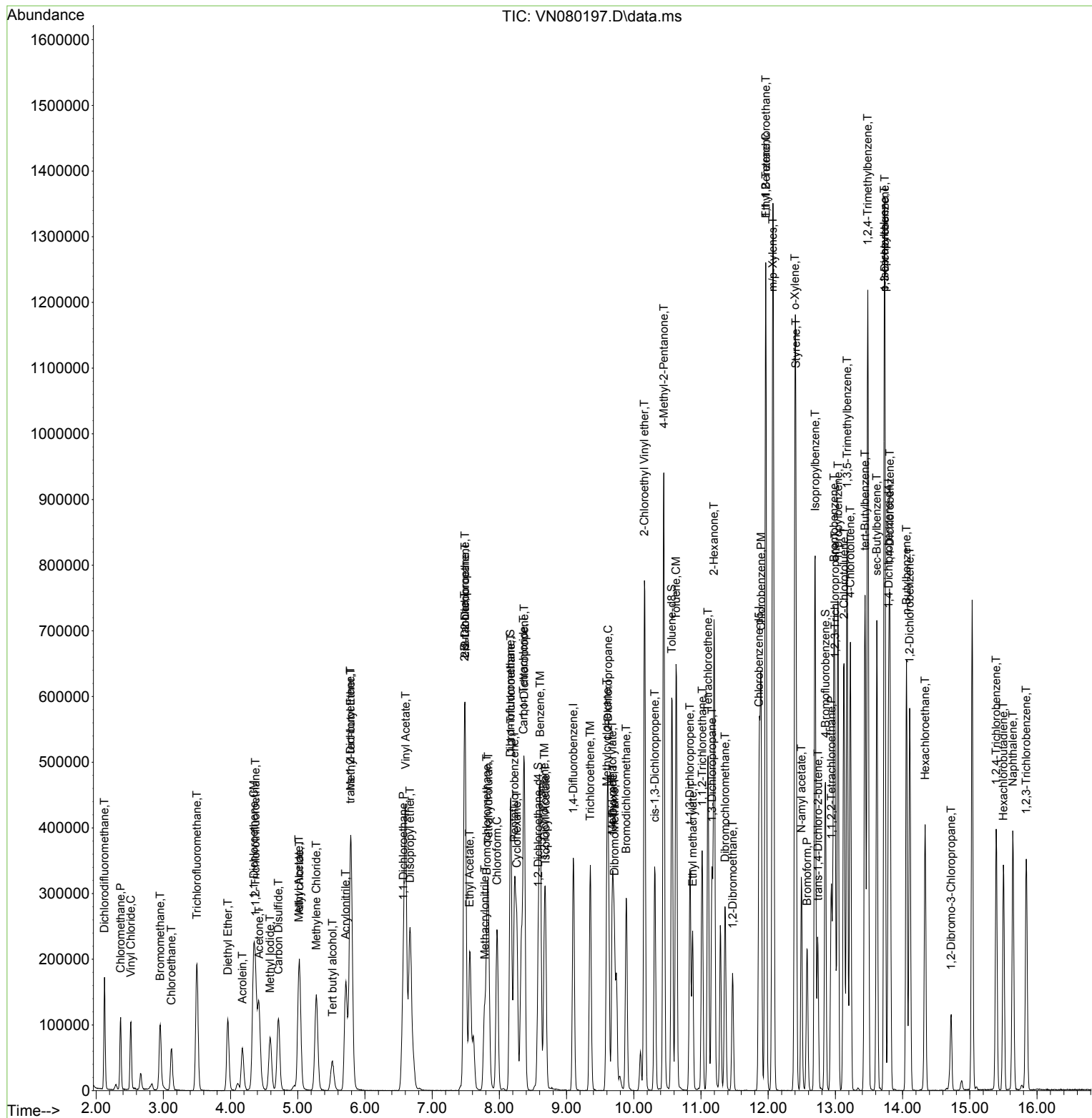
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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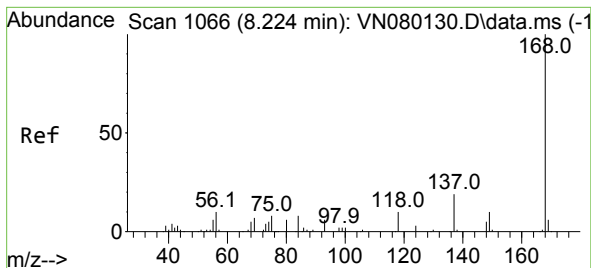
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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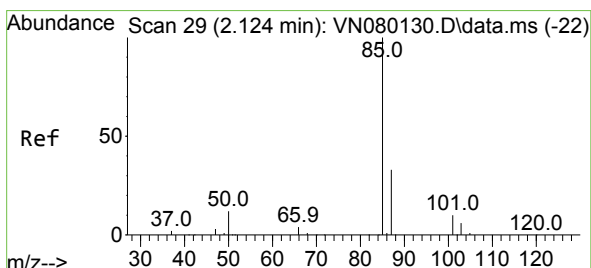
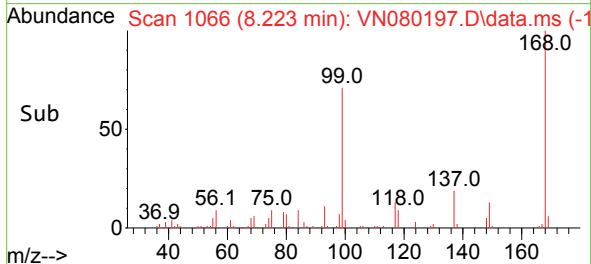
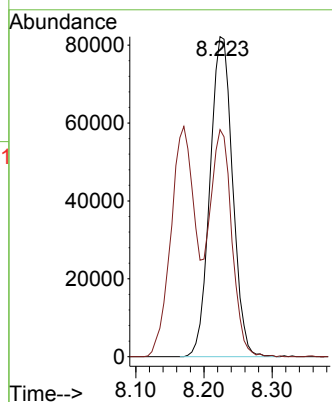
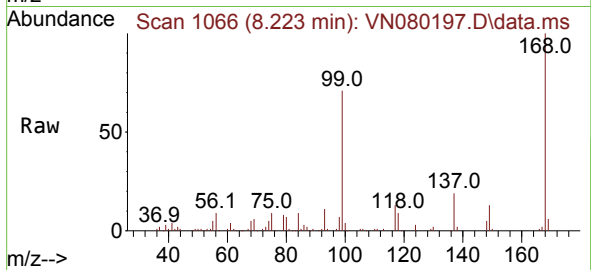




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
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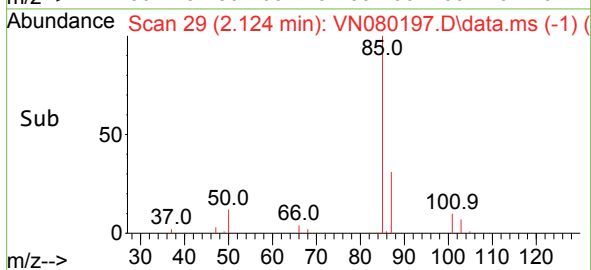
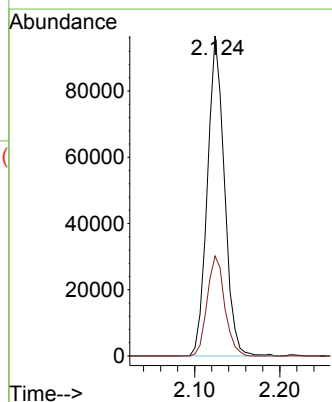
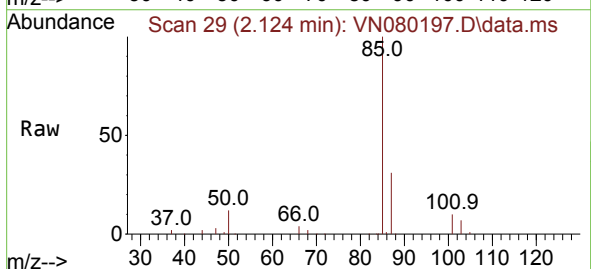
Instrument :
MSVOA_N
ClientSampleId :

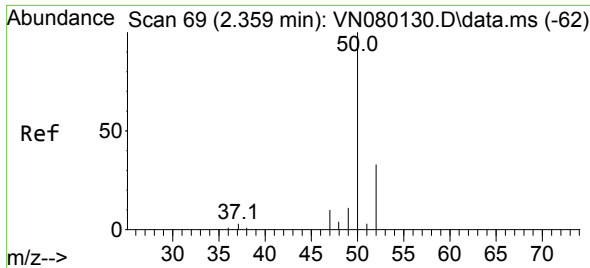
Tgt Ion:168 Resp: 189425
Ion Ratio Lower Upper
168 100
99 70.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 47.549 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 85 Resp: 134164
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4

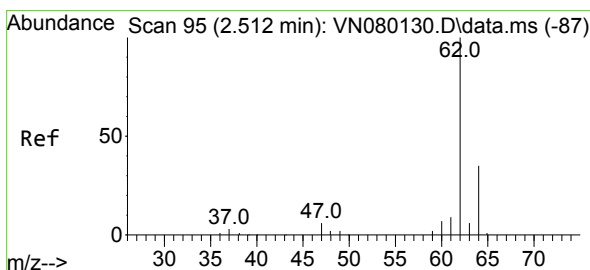
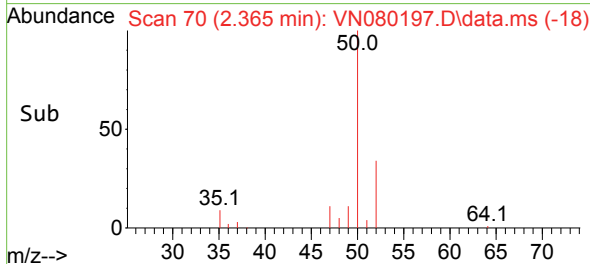
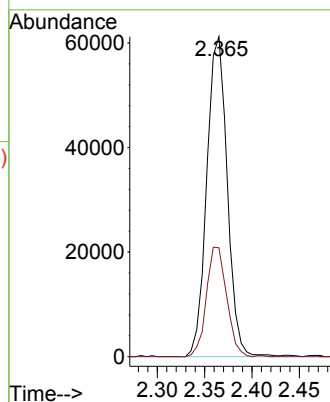
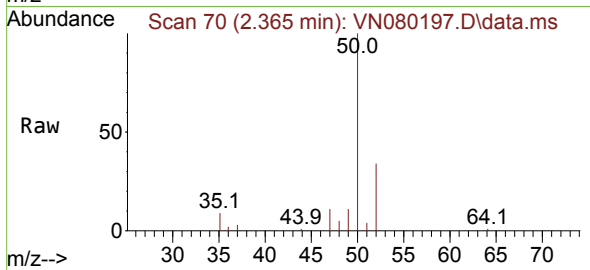




#3
Chloromethane
Concen: 43.317 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

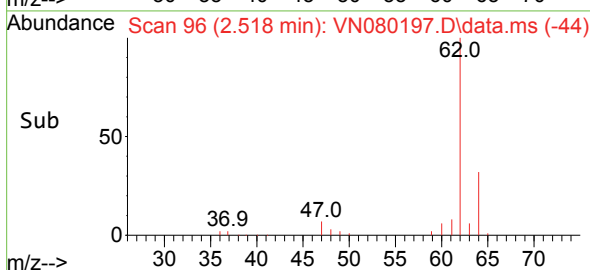
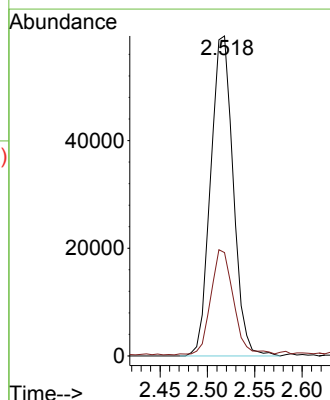
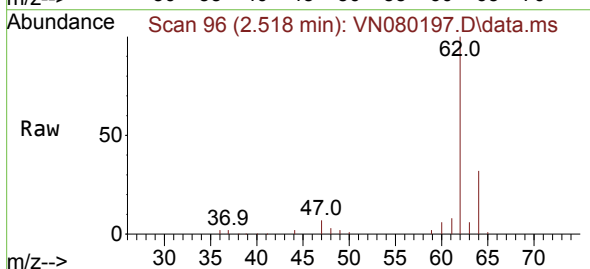
Instrument :
MSVOA_N
ClientSampleId :

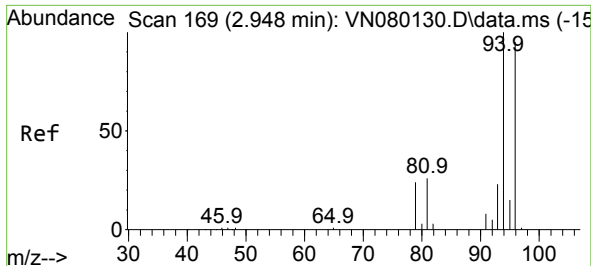
Tgt Ion: 50 Resp: 91892
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 43.859 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 62 Resp: 98464
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5

Bromomethane

Concen: 48.119 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

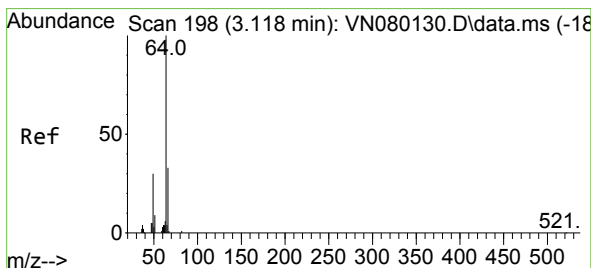
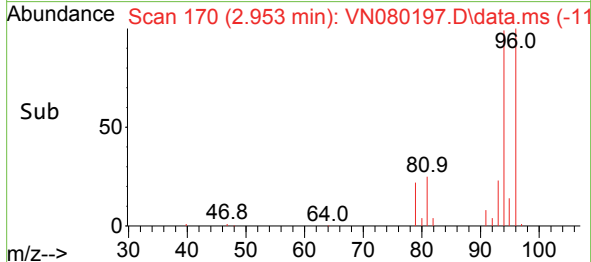
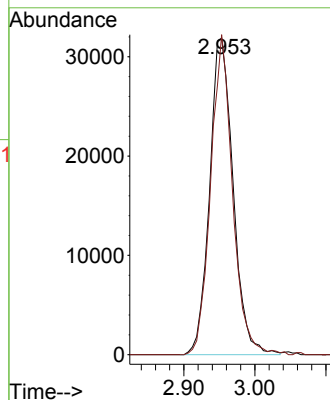
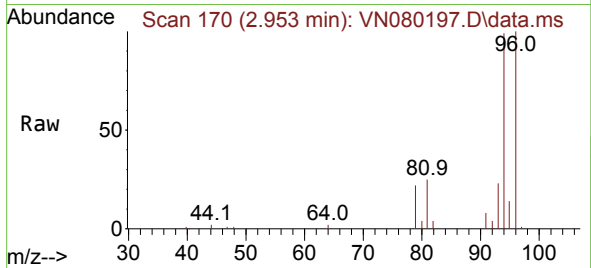
ClientSampleId :

Tgt Ion: 94 Resp: 73336

Ion Ratio Lower Upper

94 100

96 101.1 73.1 109.7



#6

Chloroethane

Concen: 47.535 ug/l

RT: 3.118 min Scan# 198

Delta R.T. -0.000 min

Lab File: VN080197.D

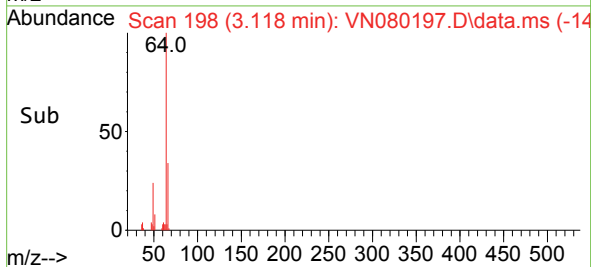
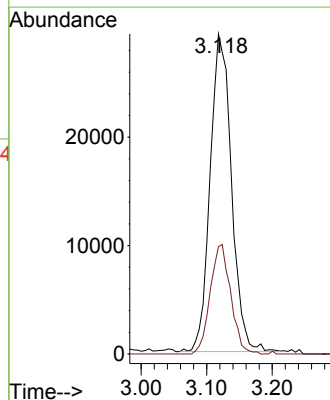
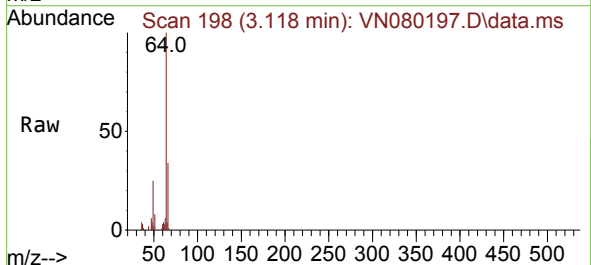
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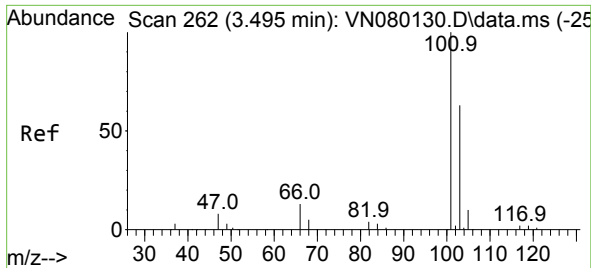
Tgt Ion: 64 Resp: 66140

Ion Ratio Lower Upper

64 100

66 33.8 25.4 38.2

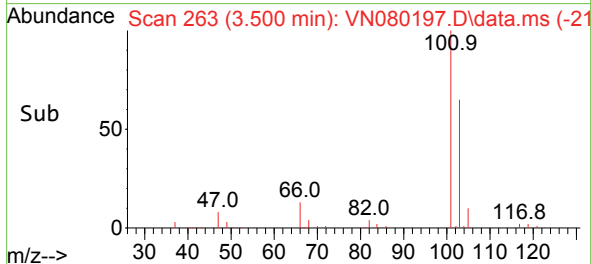
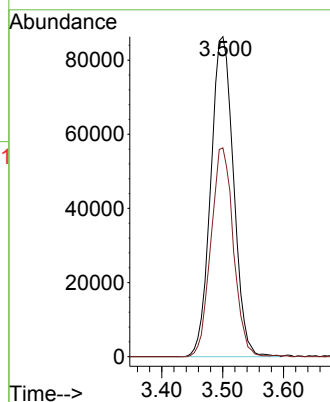
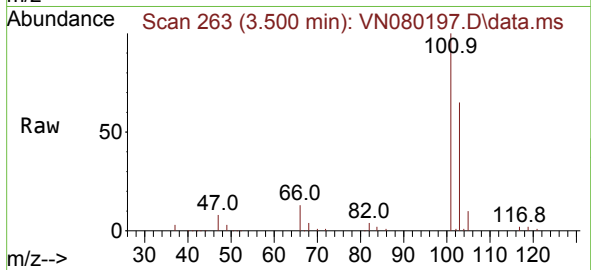




#7
Trichlorofluoromethane
Concen: 48.003 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

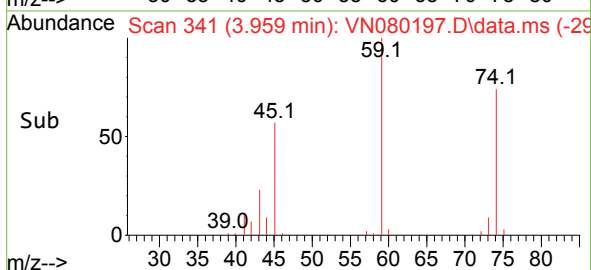
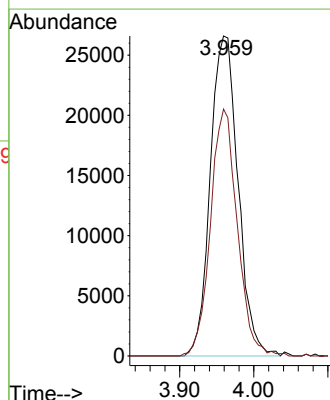
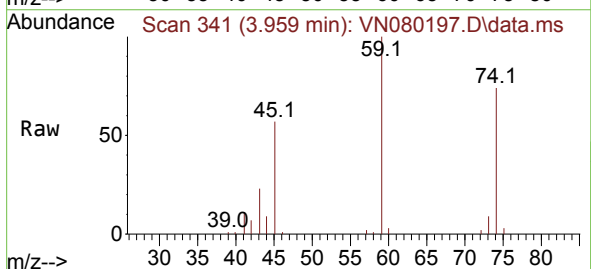
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 224805
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1



#8
Diethyl Ether
Concen: 50.838 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 74 Resp: 69241
Ion Ratio Lower Upper
74 100
45 74.5 34.4 103.3

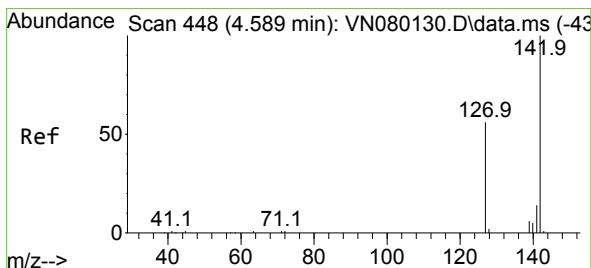
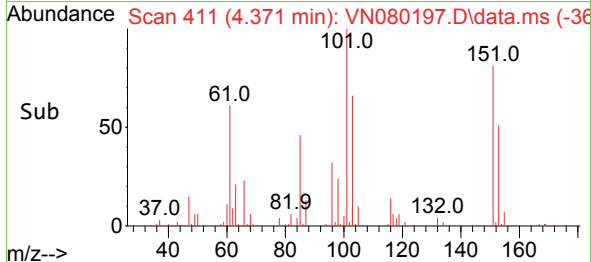
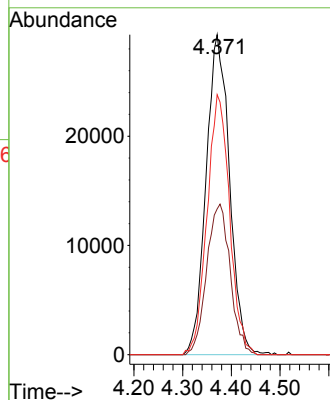
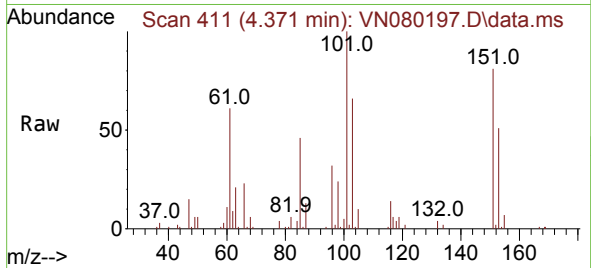




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.704 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

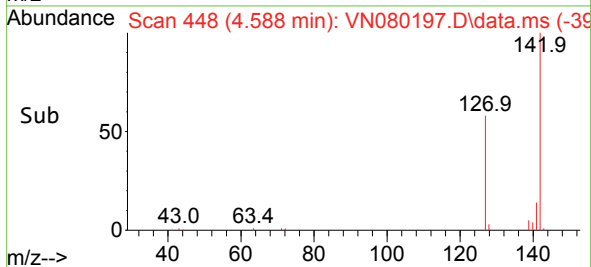
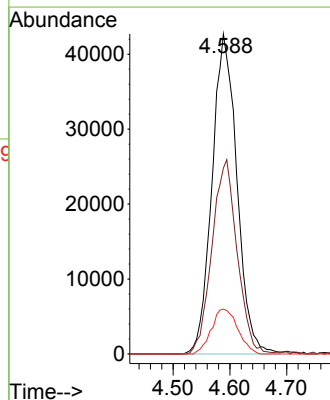
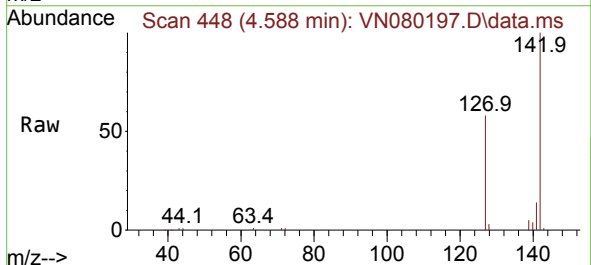
Instrument :
MSVOA_N
ClientSampleId :

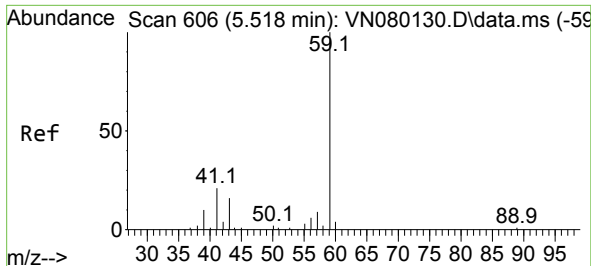
Tgt Ion:101 Resp: 97832
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 78.1 57.6 86.4



#10
Methyl Iodide
Concen: 56.098 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:142 Resp: 129773
Ion Ratio Lower Upper
142 100
127 58.1 37.6 56.4#
141 14.0 11.4 17.0

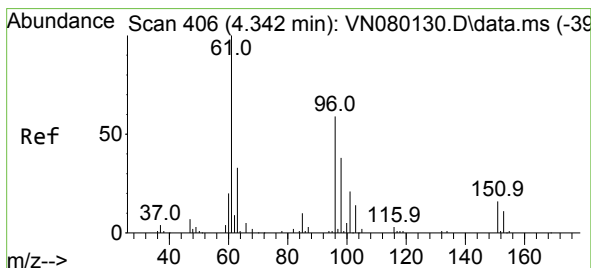
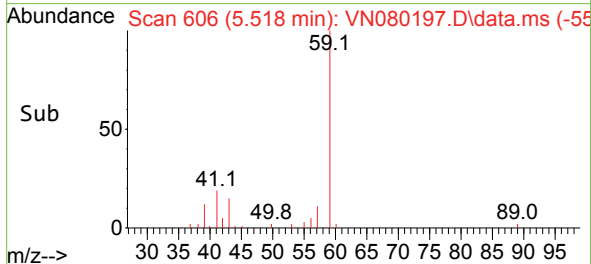
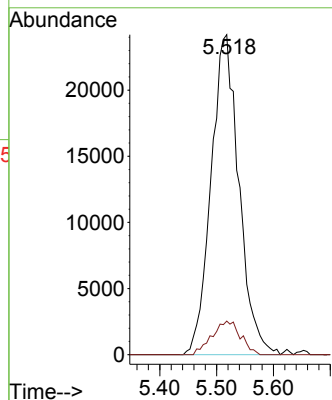
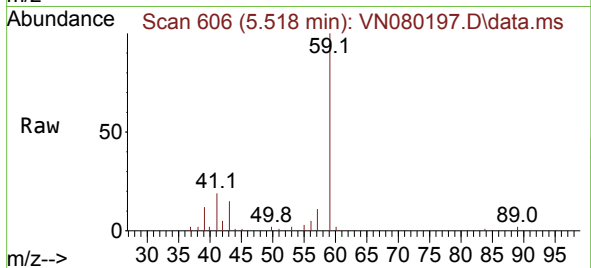




#11
Tert butyl alcohol
Concen: 239.744 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

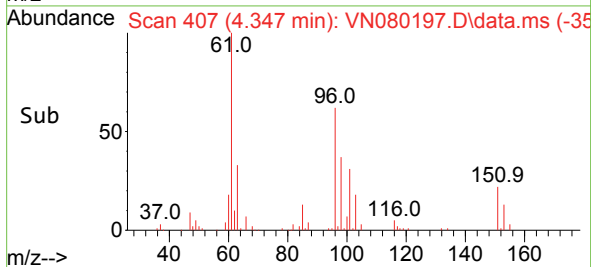
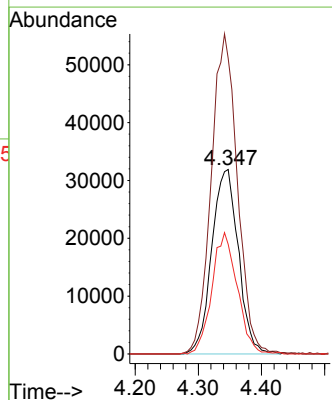
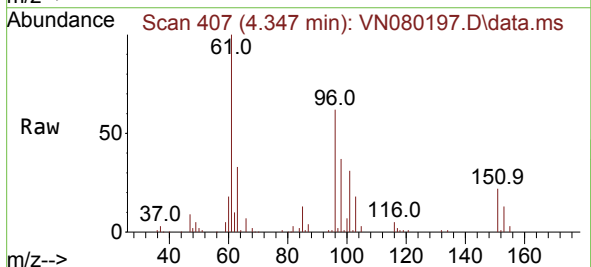
Instrument :
MSVOA_N
ClientSampleId :

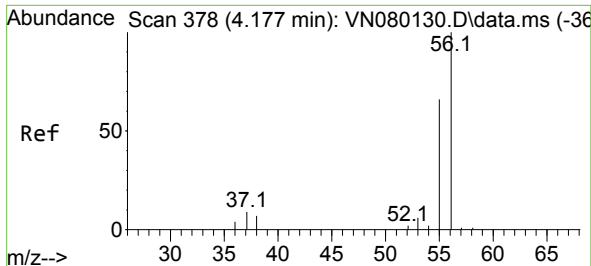
Tgt Ion: 59 Resp: 82460
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.613 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 96 Resp: 93323
Ion Ratio Lower Upper
96 100
61 160.1 112.7 169.1
98 59.4 51.2 76.8





#13

Acrolein

Concen: 267.406 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

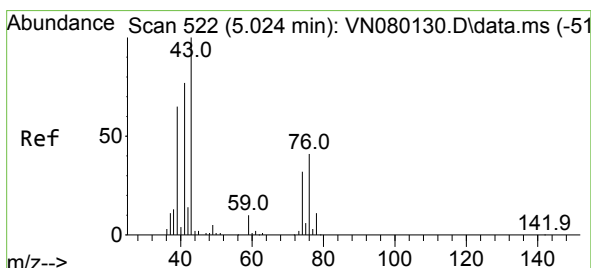
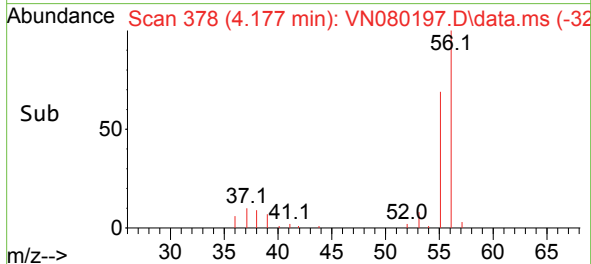
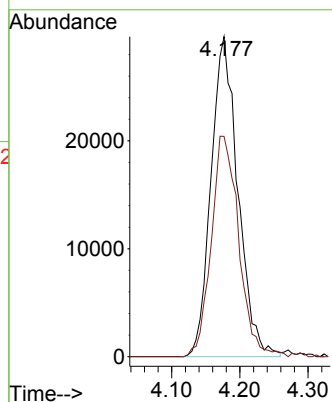
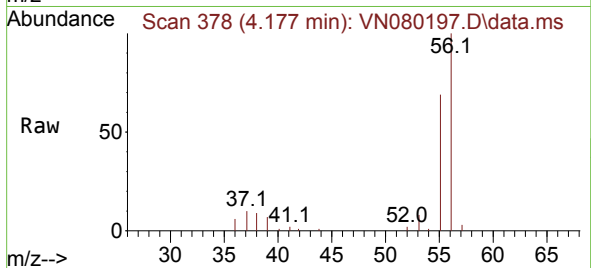
ClientSampleId :

Tgt Ion: 56 Resp: 81396

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7



#14

Allyl chloride

Concen: 46.584 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

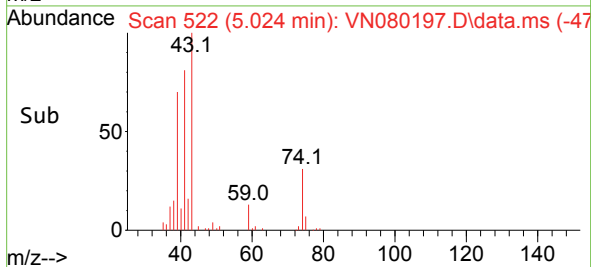
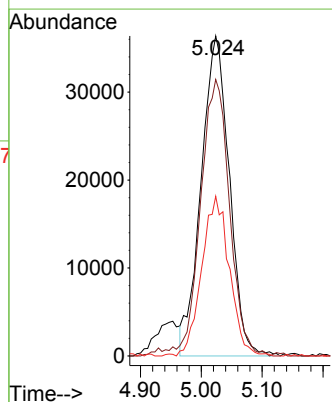
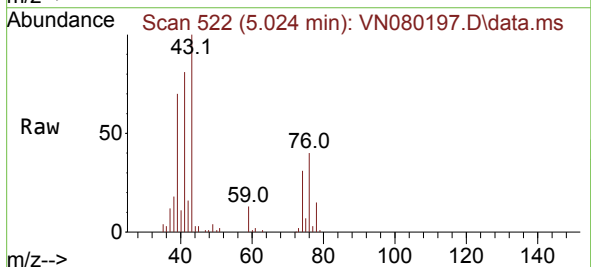
Tgt Ion: 41 Resp: 117342

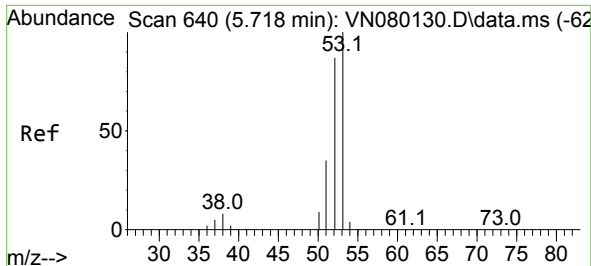
Ion Ratio Lower Upper

41 100

39 88.3 58.8 88.2#

76 48.9 39.1 58.7

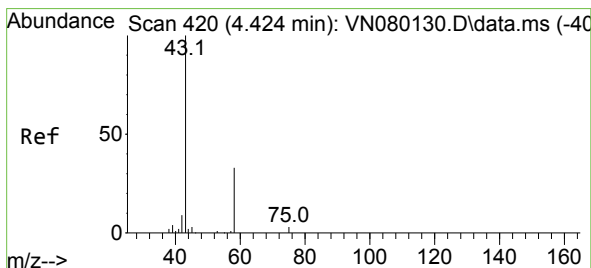
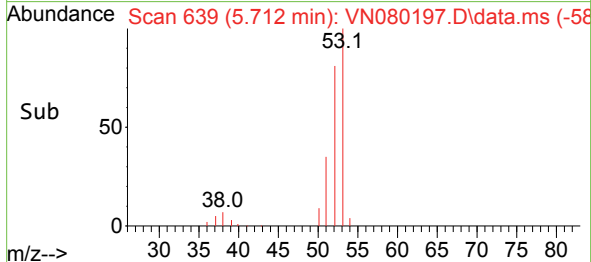
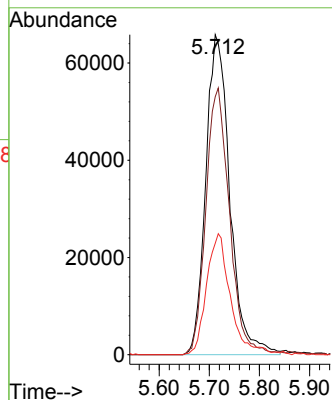
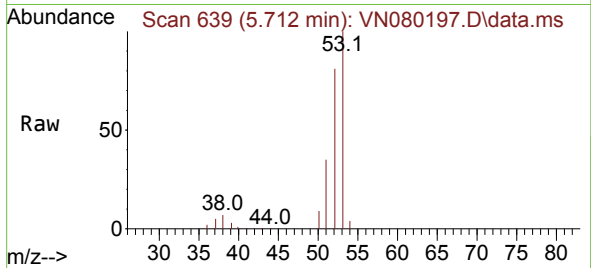




#15
Acrylonitrile
Concen: 237.710 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

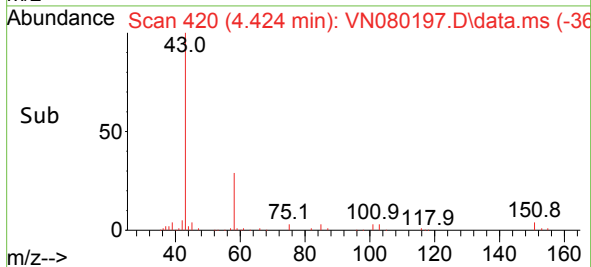
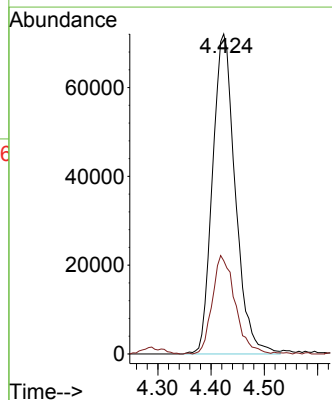
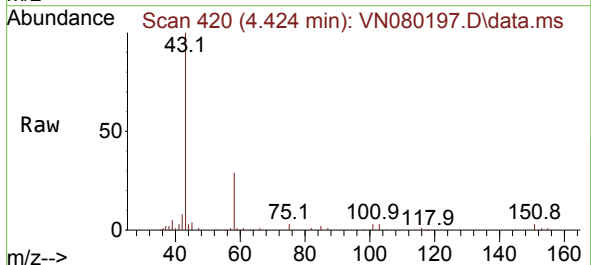
Instrument :
MSVOA_N
ClientSampleId :

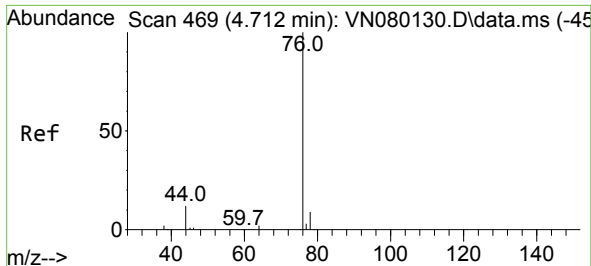
Tgt Ion: 53 Resp: 219489
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.4 28.9 43.3



#16
Acetone
Concen: 203.379 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 43 Resp: 213654
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0

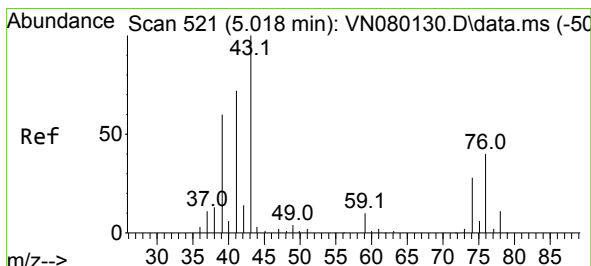
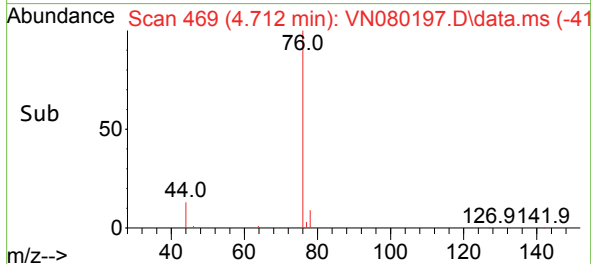
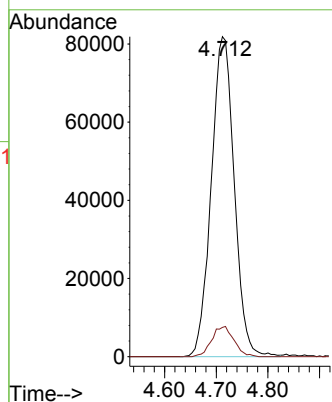
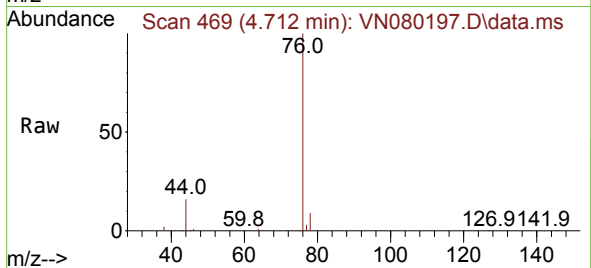




#17
Carbon Disulfide
Concen: 42.335 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

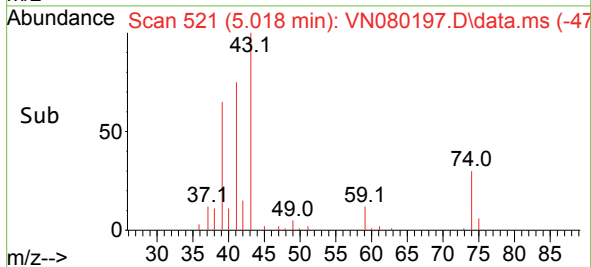
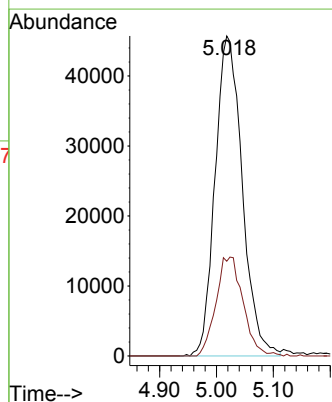
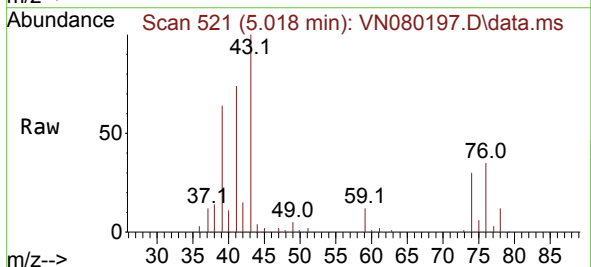
Instrument :
MSVOA_N
ClientSampleId :

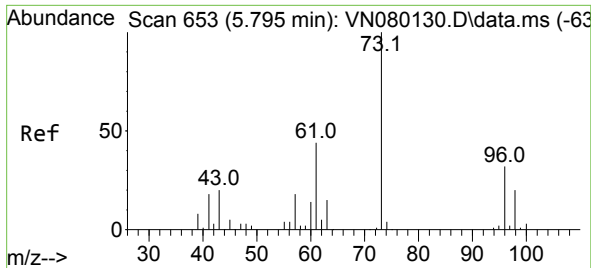
Tgt Ion: 76 Resp: 253078
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 44.894 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 43 Resp: 151532
Ion Ratio Lower Upper
43 100
74 30.9 26.2 39.4

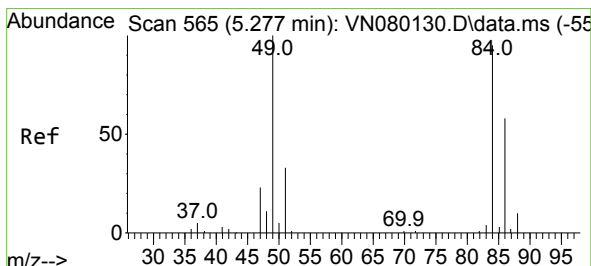
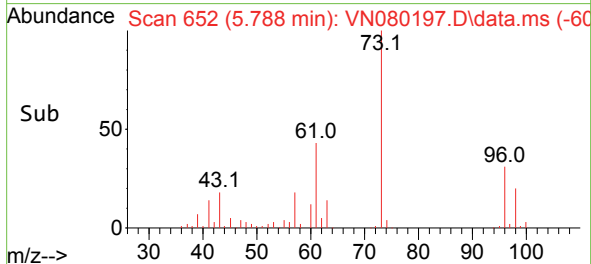
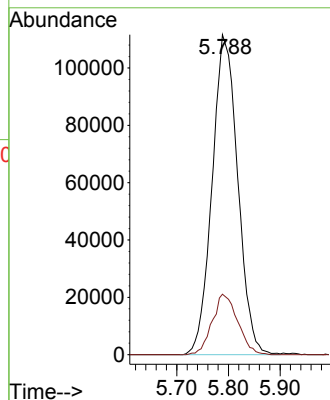
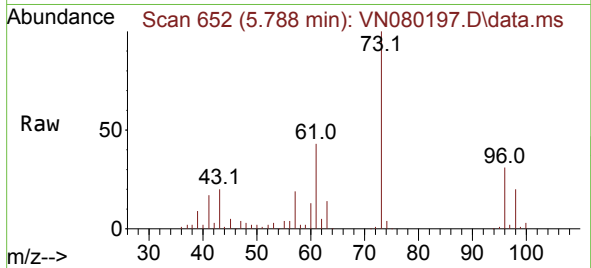




#19
Methyl tert-butyl Ether
Concen: 54.376 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

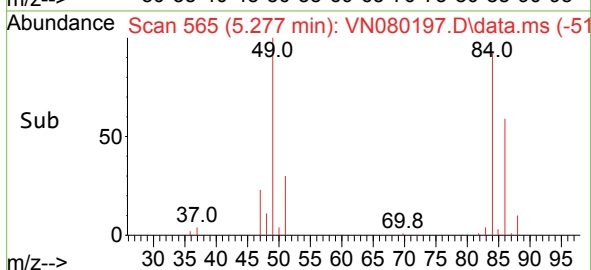
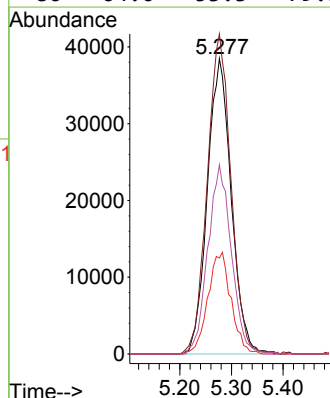
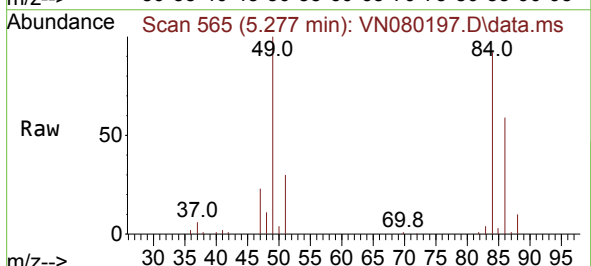
Instrument :
MSVOA_N
ClientSampleId :

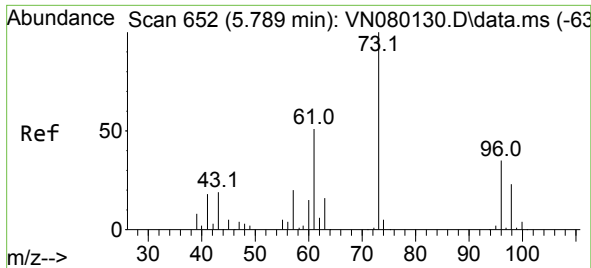
Tgt Ion: 73 Resp: 384460
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4



#20
Methylene Chloride
Concen: 56.207 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 84 Resp: 123652
Ion Ratio Lower Upper
84 100
49 108.4 79.7 119.5
51 32.5 25.2 37.8
86 64.0 53.3 79.9

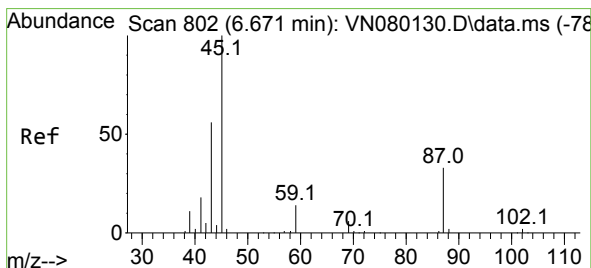
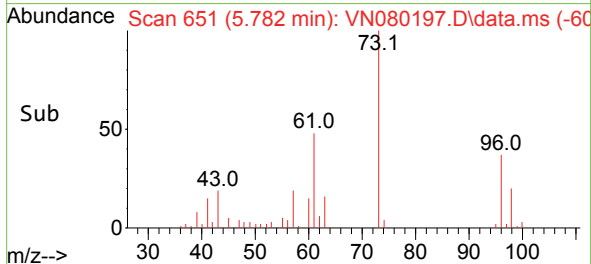
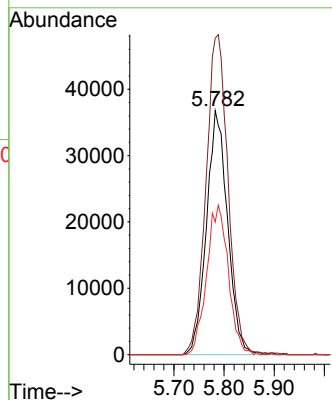
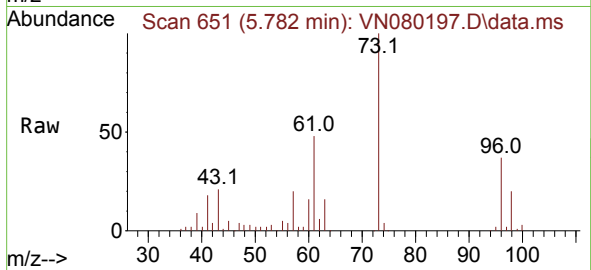




#21
trans-1,2-Dichloroethene
Concen: 48.885 ug/l
RT: 5.782 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

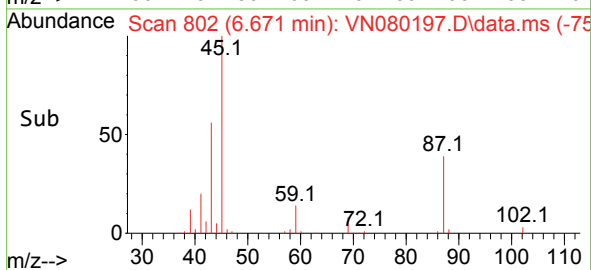
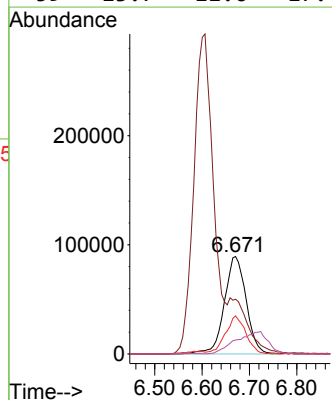
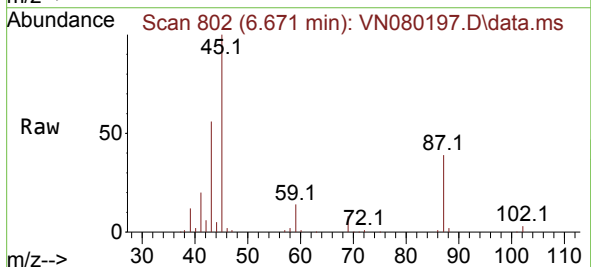
Instrument :
MSVOA_N
ClientSampleId :

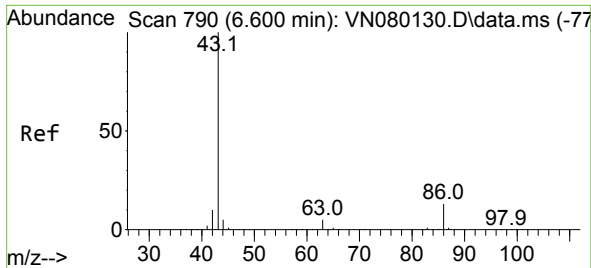
Tgt Ion: 96 Resp: 107520
Ion Ratio Lower Upper
96 100
61 129.7 90.1 135.1
98 54.4 46.4 69.6



#22
Diisopropyl ether
Concen: 51.240 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 45 Resp: 285559
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 39.1 31.8 47.8
59 13.7 11.6 17.4

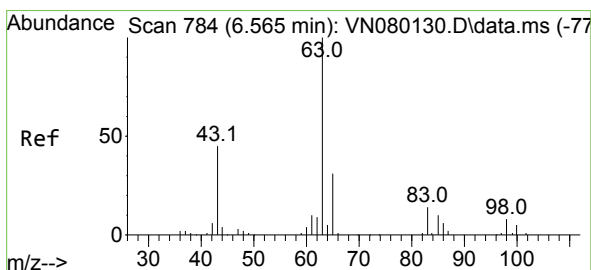
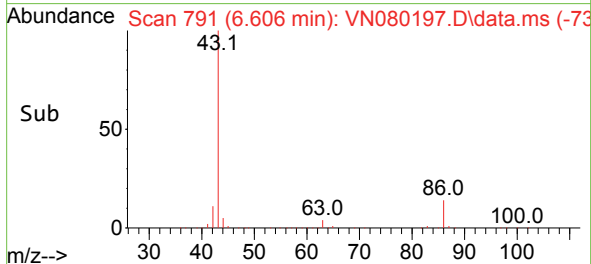
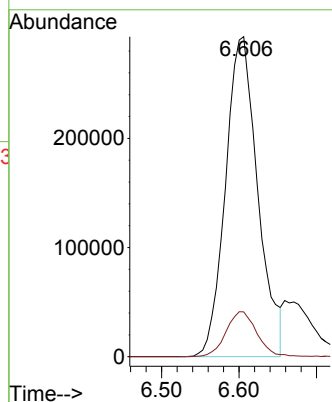
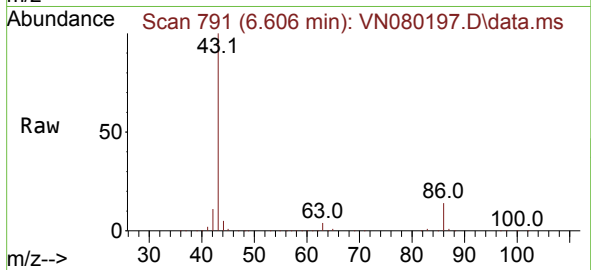




#23
 Vinyl Acetate
 Concen: 254.107 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

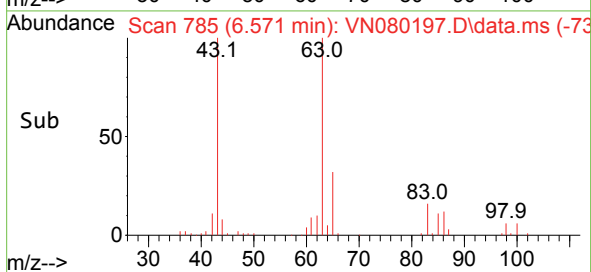
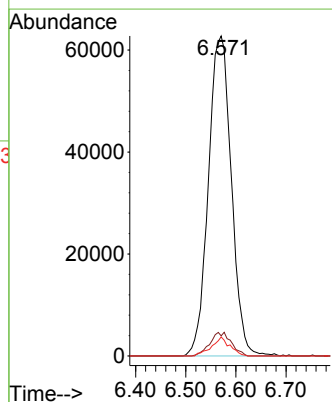
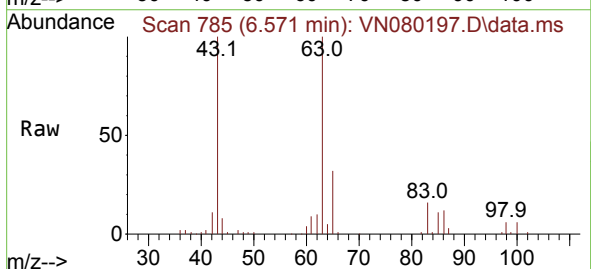
Instrument :
 MSVOA_N
 ClientSampleId :

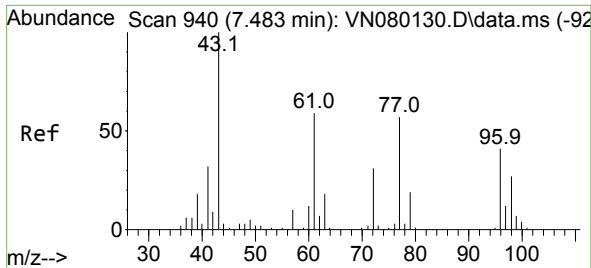
Tgt Ion: 43 Resp: 851360
 Ion Ratio Lower Upper
 43 100
 86 14.0 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 49.214 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

Tgt Ion: 63 Resp: 199761
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.9 2.5 7.4

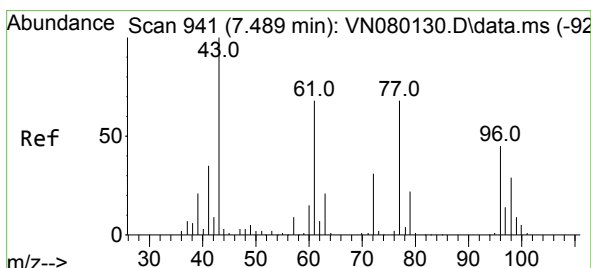
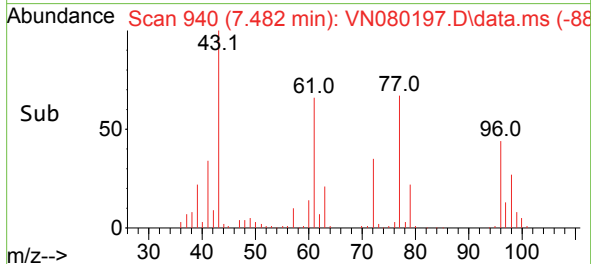
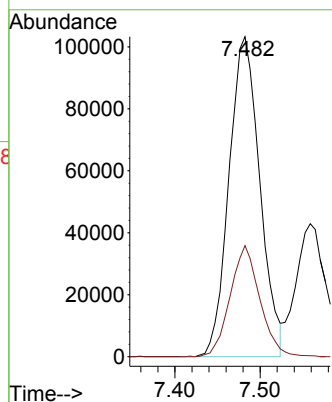
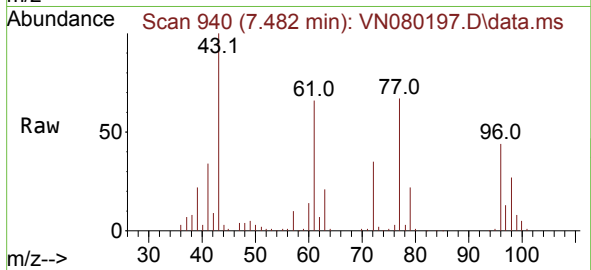




#25
2-Butanone
Concen: 208.217 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

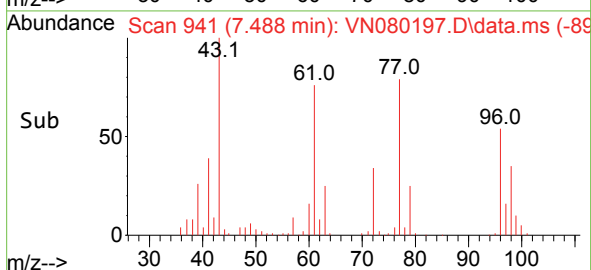
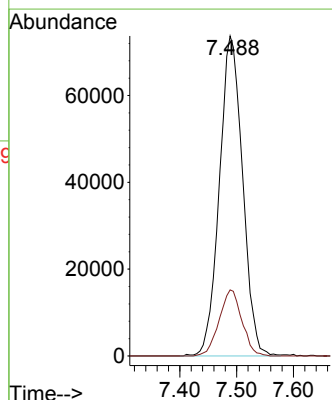
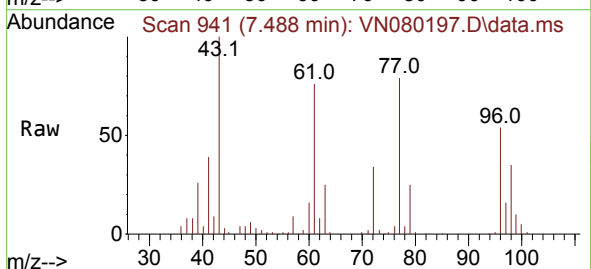
Instrument :
MSVOA_N
ClientSampleId :

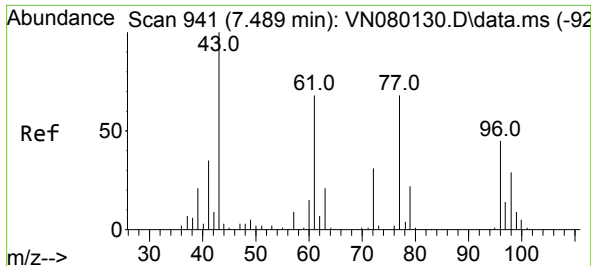
Tgt Ion: 43 Resp: 259884
Ion Ratio Lower Upper
43 100
72 34.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 51.945 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

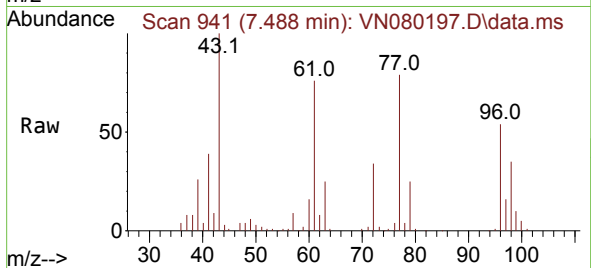
Tgt Ion: 77 Resp: 209186
Ion Ratio Lower Upper
77 100
97 20.2 11.2 33.6





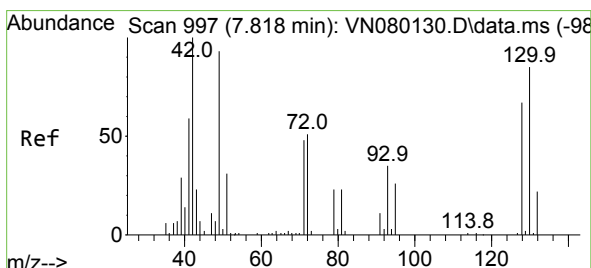
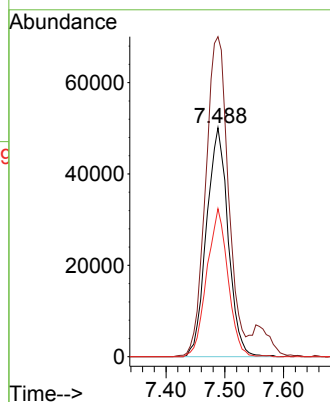
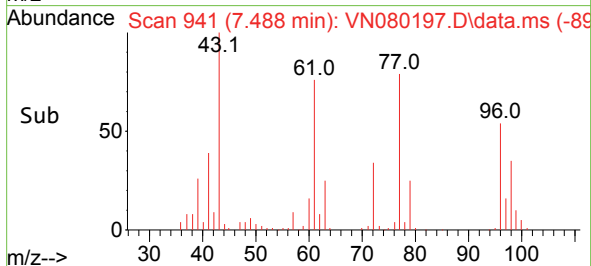
#27
 cis-1,2-Dichloroethene
 Concen: 51.286 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

Instrument :
 MSVOA_N
 ClientSampleId :

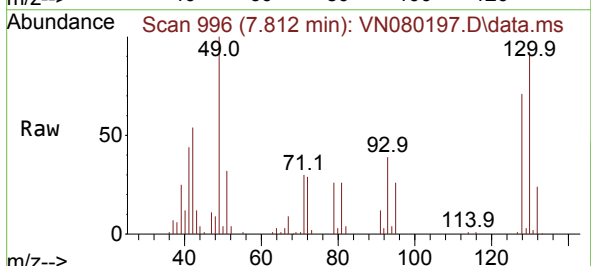


Tgt Ion: 96 Resp: 127889

Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	255.2
98	63.3	0.0	128.8

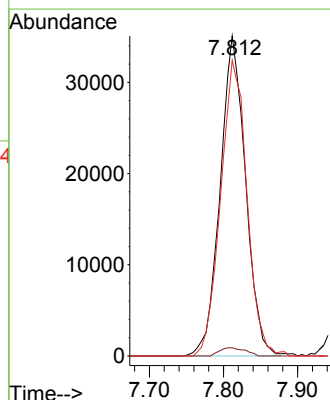
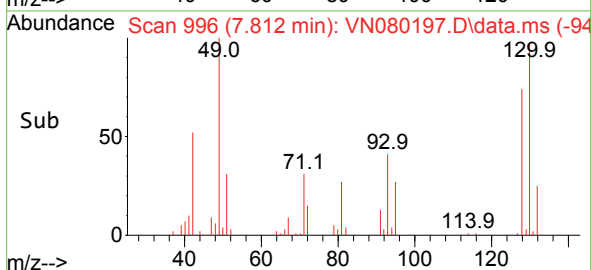


#28
 Bromochloromethane
 Concen: 52.323 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40



Tgt Ion: 49 Resp: 83494

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	95.8	75.3	112.9





#29

Tetrahydrofuran

Concen: 233.377 ug/l

RT: 7.835 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

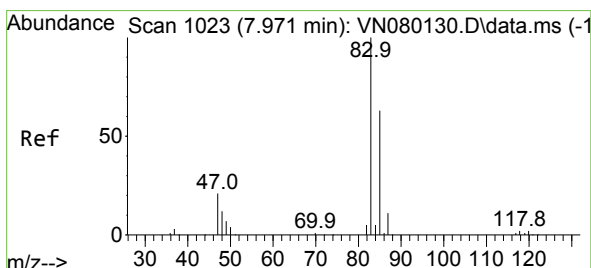
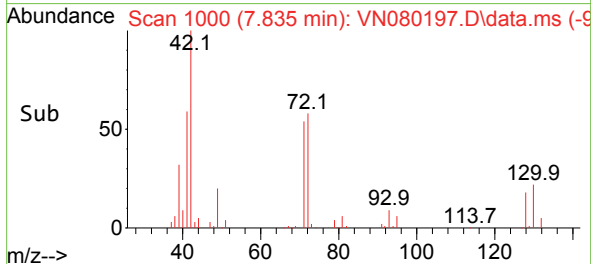
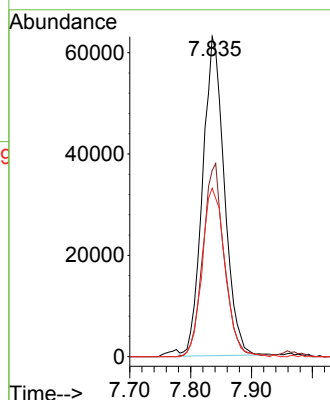
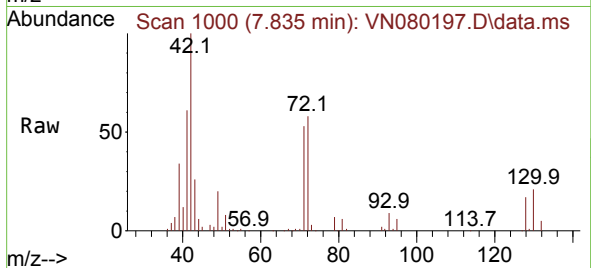
Tgt Ion: 42 Resp: 156385

Ion Ratio Lower Upper

42 100

72 59.2 49.8 74.6

71 55.9 47.4 71.2



#30

Chloroform

Concen: 53.784 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080197.D

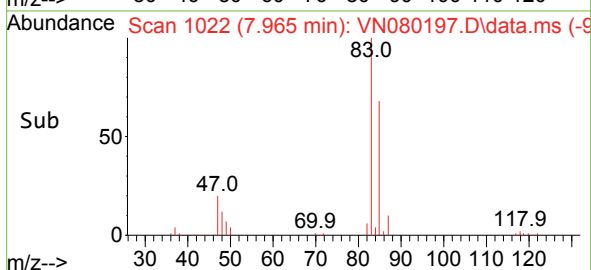
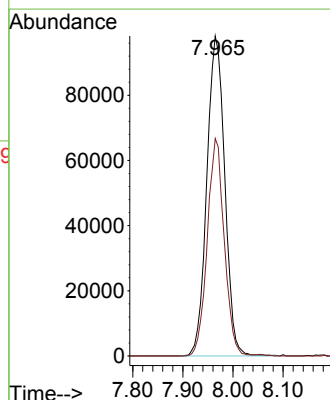
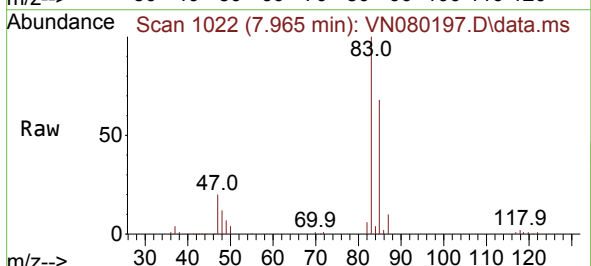
Acq: 20 Nov 2023 10:40

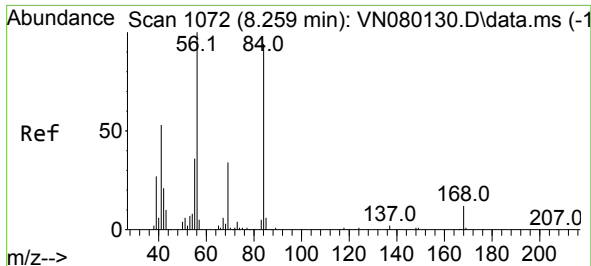
Tgt Ion: 83 Resp: 244006

Ion Ratio Lower Upper

83 100

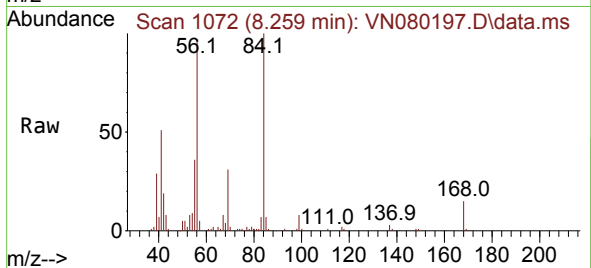
85 67.9 55.4 83.0



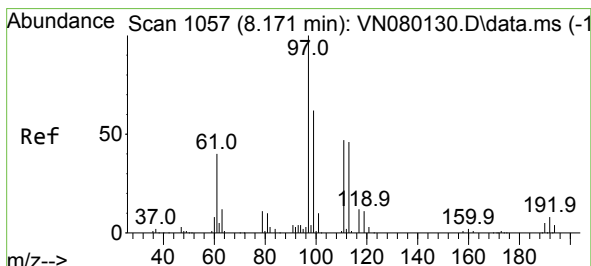
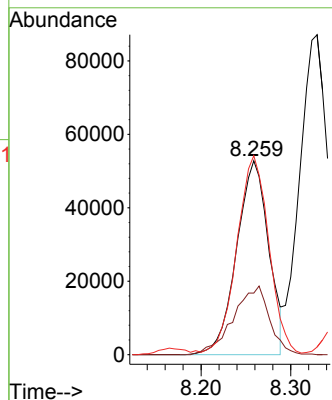
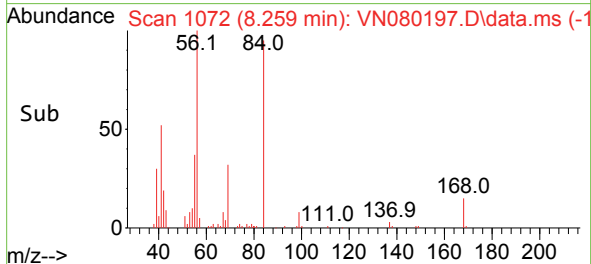


#31
Cyclohexane
Concen: 38.430 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :

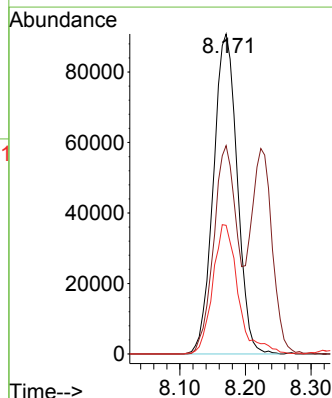
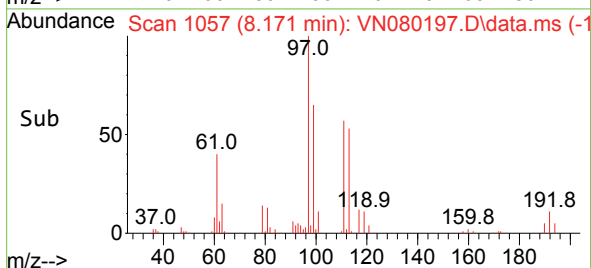
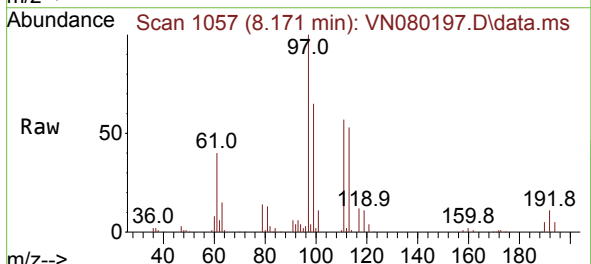


Tgt Ion: 56 Resp: 130718
Ion Ratio Lower Upper
56 100
69 31.8 26.8 40.2
84 99.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.732 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 97 Resp: 228878
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 43.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.160 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

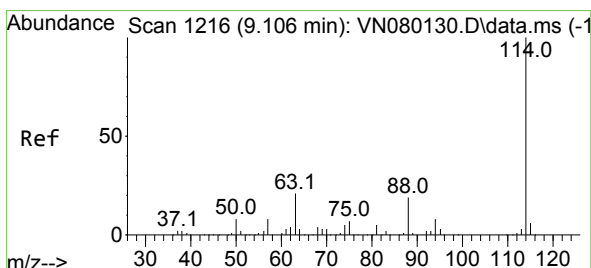
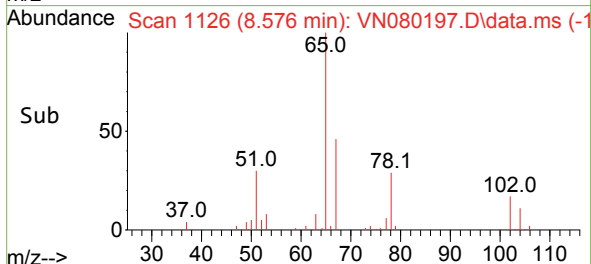
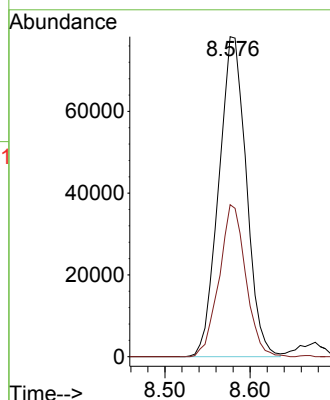
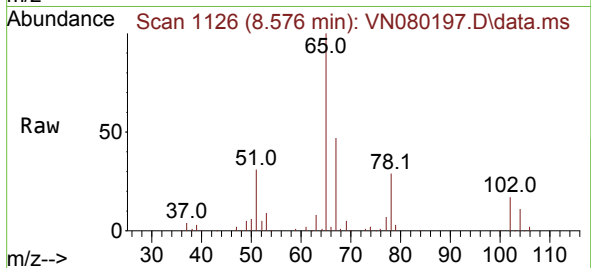
ClientSampleId :

Tgt Ion: 65 Resp: 175652

Ion Ratio Lower Upper

65 100

67 45.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

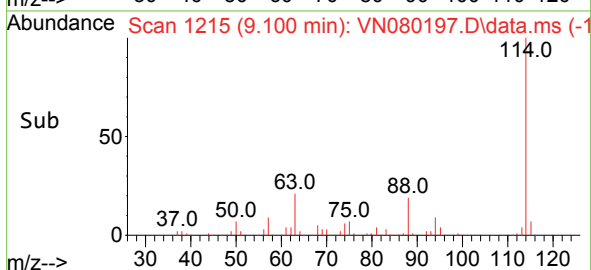
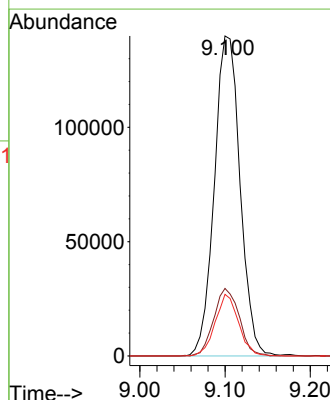
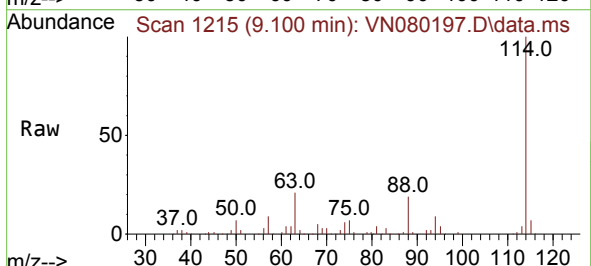
Tgt Ion:114 Resp: 293794

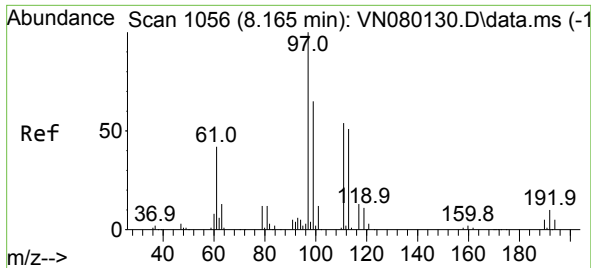
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

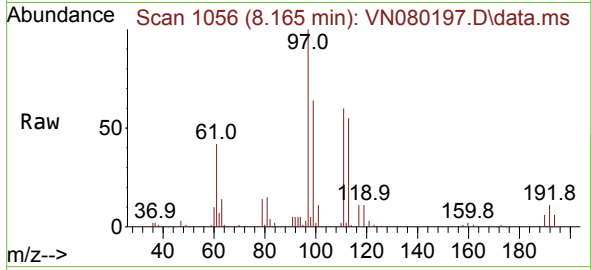
88 19.3 0.0 30.6



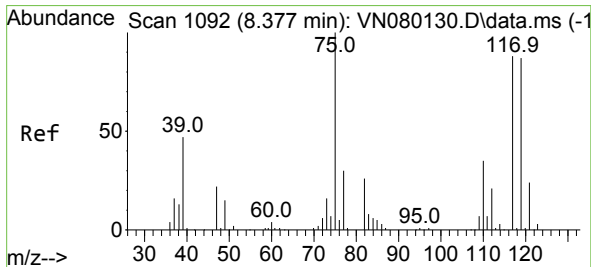
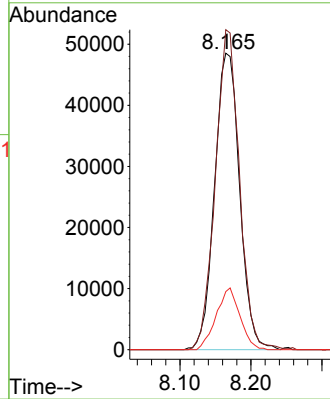
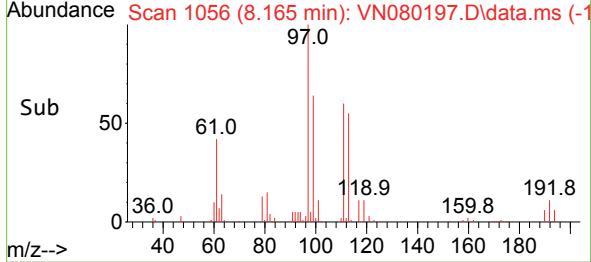


#35
Dibromofluoromethane
Concen: 54.803 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :

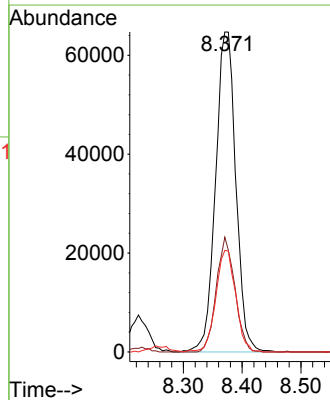
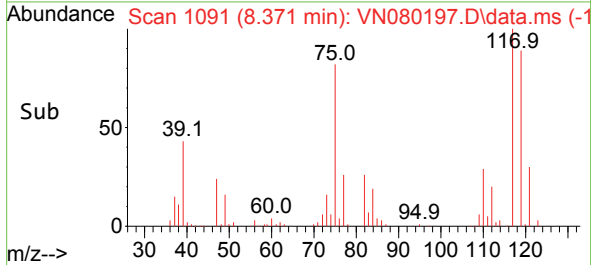
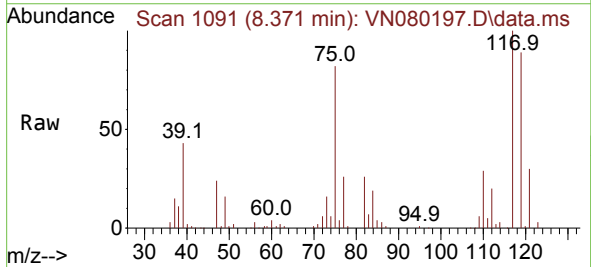


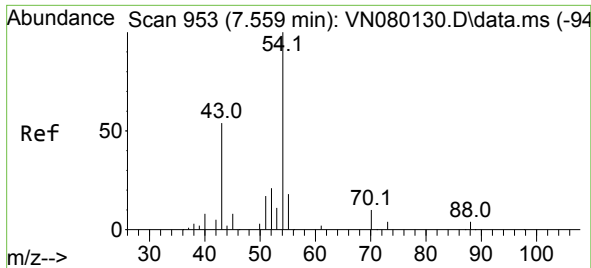
Tgt Ion:113 Resp: 118803
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.7 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 49.292 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 75 Resp: 154707
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 31.2 25.0 37.4

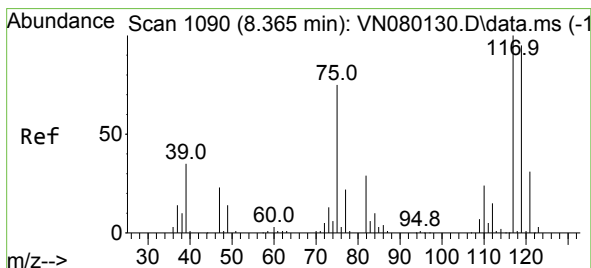
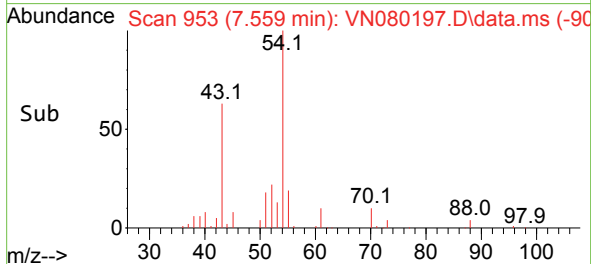
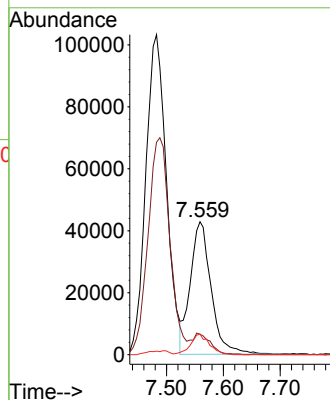
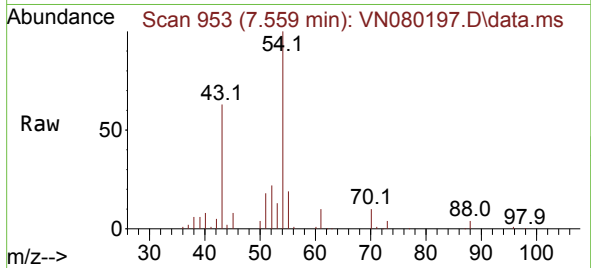




#37
Ethyl Acetate
Concen: 50.230 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

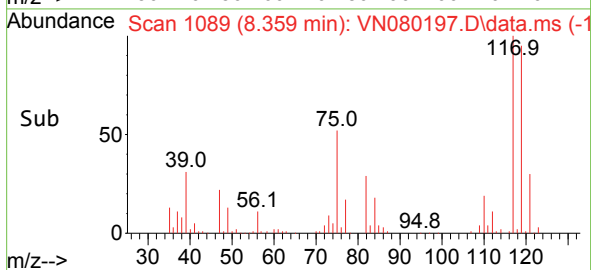
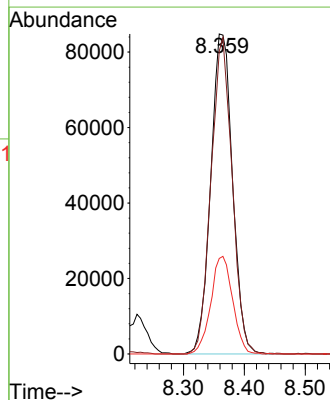
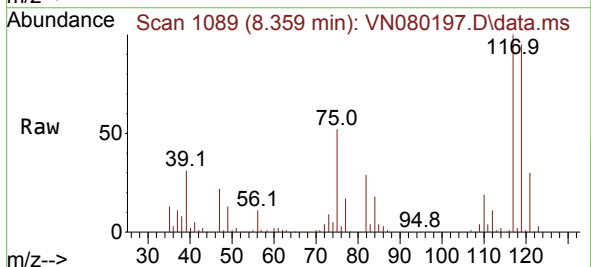
Instrument :
MSVOA_N
ClientSampleId :

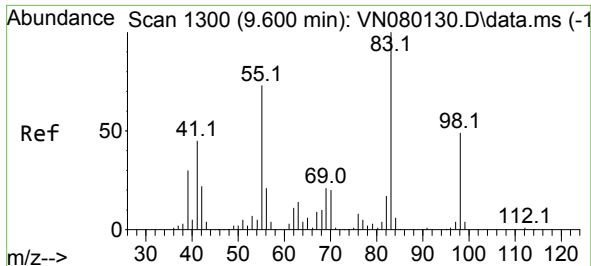
Tgt Ion: 43 Resp: 109351
Ion Ratio Lower Upper
43 100
61 11.7 13.2 19.8#
70 13.8 11.3 16.9



#38
Carbon Tetrachloride
Concen: 52.871 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:117 Resp: 210579
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 29.8 23.3 34.9





#39

Methylcyclohexane

Concen: 47.421 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

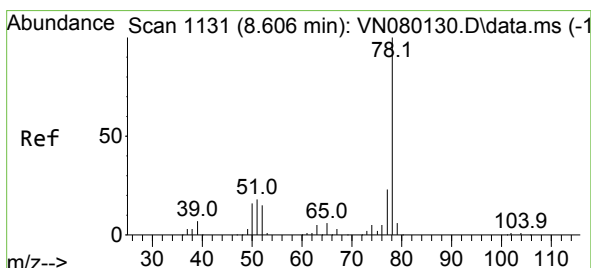
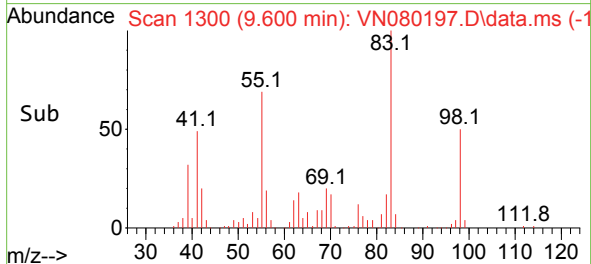
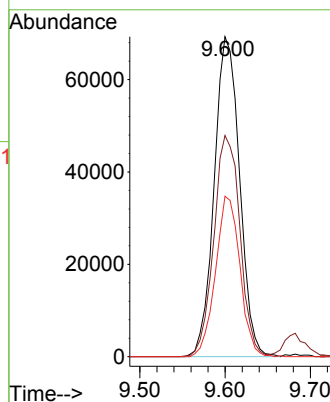
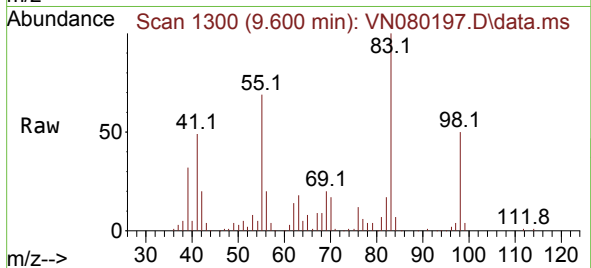
Tgt Ion: 83 Resp: 143507

Ion Ratio Lower Upper

83 100

55 69.1 49.1 73.7

98 50.2 40.6 61.0



#40

Benzene

Concen: 51.113 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080197.D

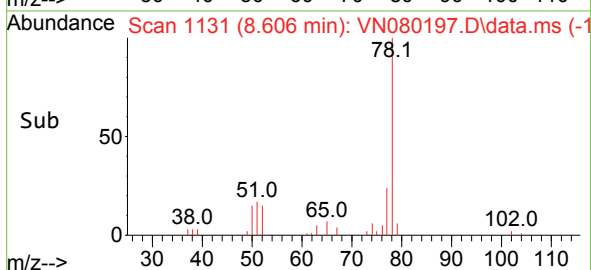
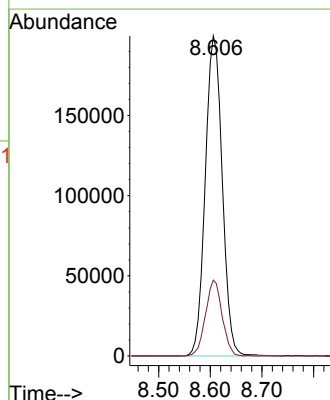
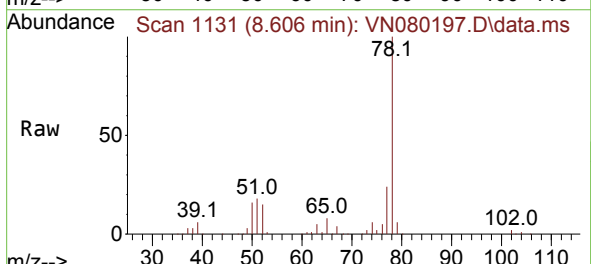
Acq: 20 Nov 2023 10:40

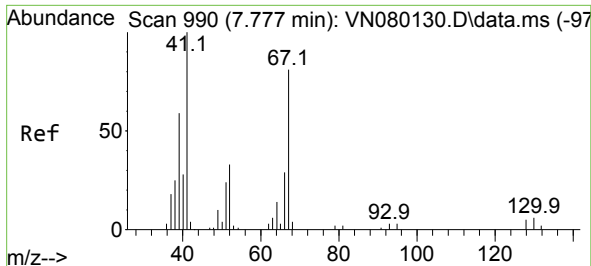
Tgt Ion: 78 Resp: 455935

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



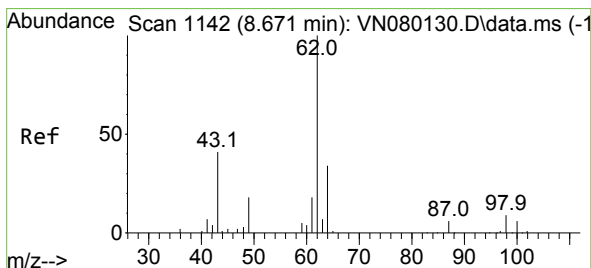
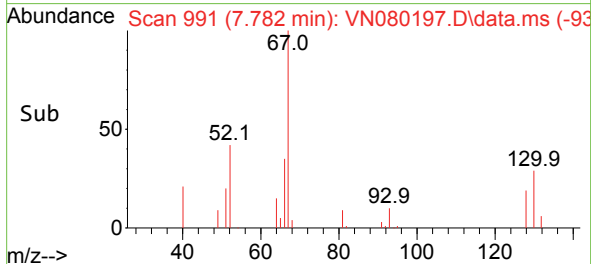
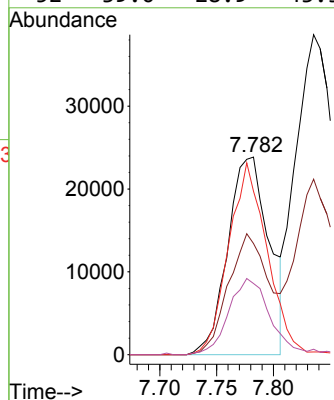
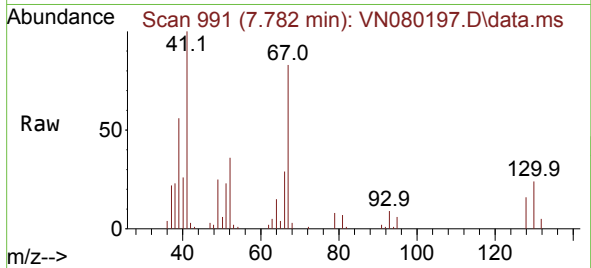


#41
Methacrylonitrile
Concen: 50.613 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 60511

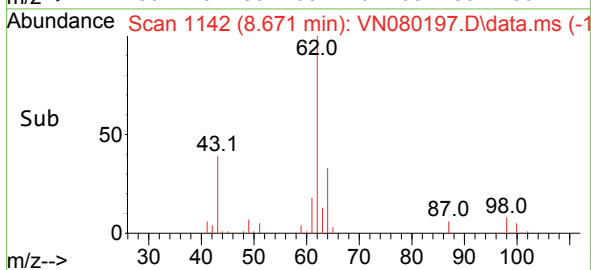
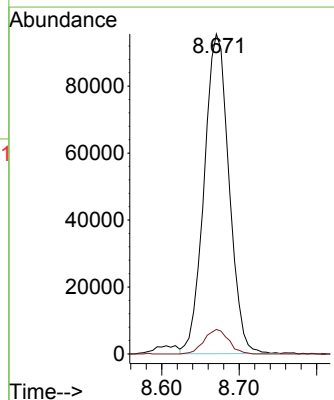
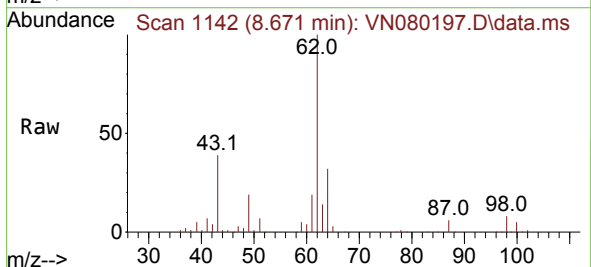
Ion	Ratio	Lower	Upper
41	100		
39	60.4	42.6	64.0
67	90.6	77.5	116.3
52	39.0	28.9	43.3

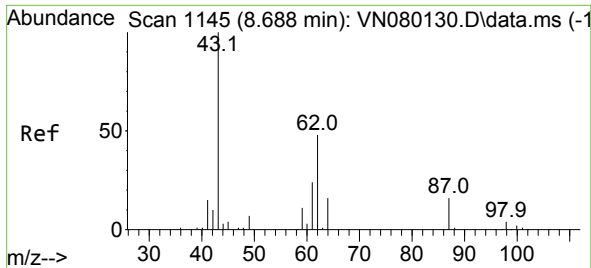


#42
1,2-Dichloroethane
Concen: 58.433 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 62 Resp: 213249

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	19.8

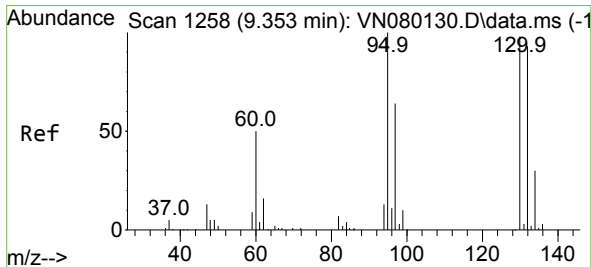
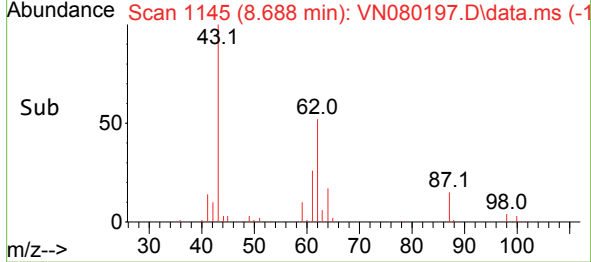
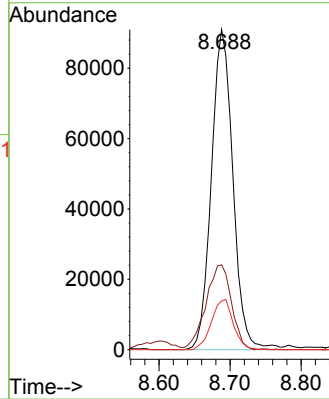
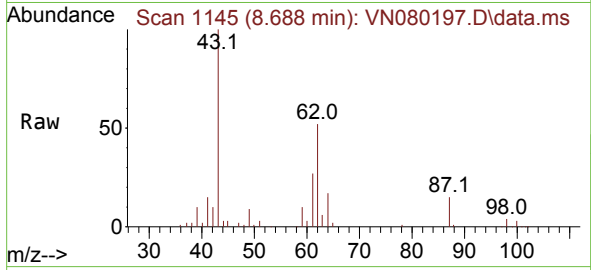




#43
Isopropyl Acetate
Concen: 45.192 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

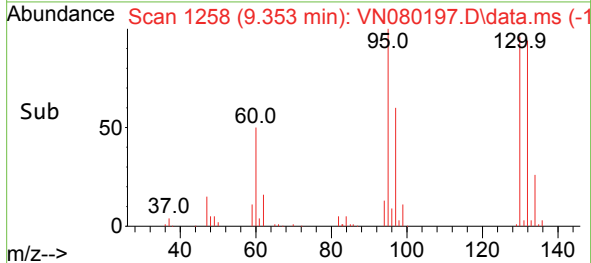
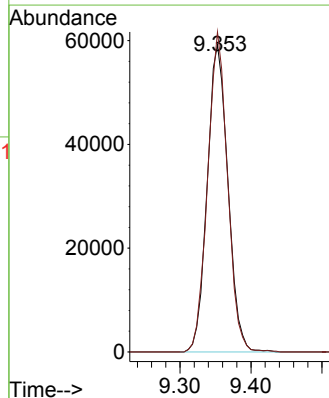
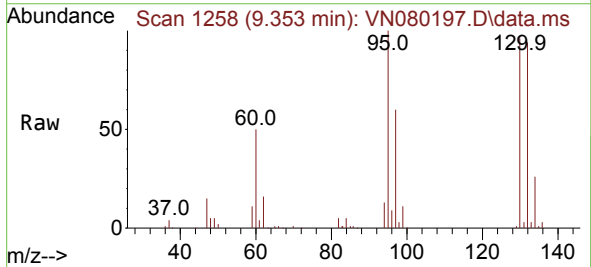
Instrument :
MSVOA_N
ClientSampleId :

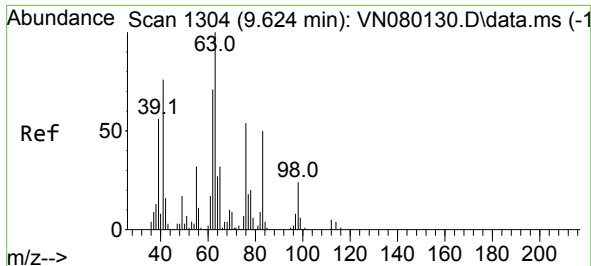
Tgt Ion: 43 Resp: 191452
Ion Ratio Lower Upper
43 100
61 31.4 24.7 37.1
87 15.9 14.6 21.8



#44
Trichloroethene
Concen: 51.358 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:130 Resp: 120172
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.418 ug/l

RT: 9.617 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

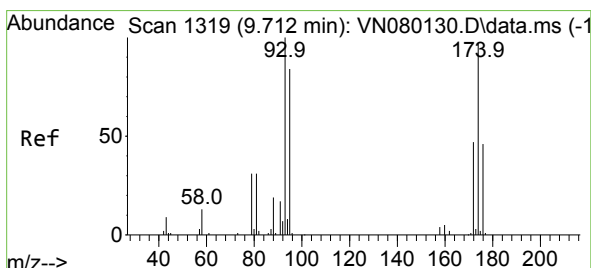
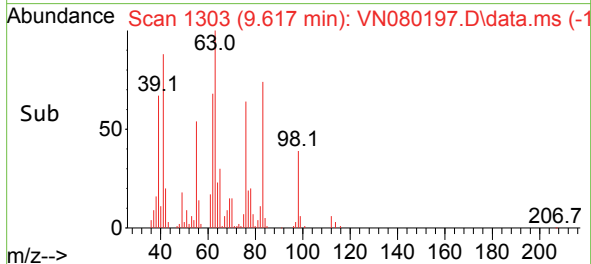
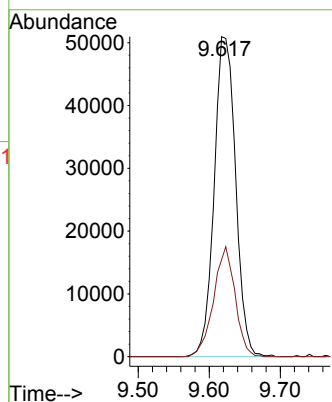
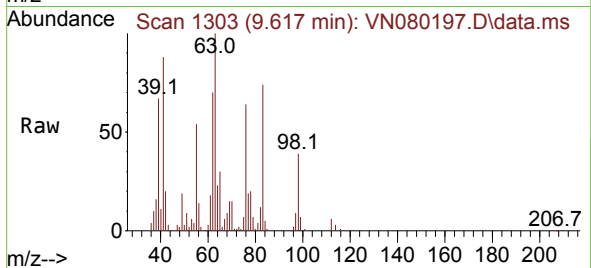
ClientSampleId :

Tgt Ion: 63 Resp: 106588

Ion Ratio Lower Upper

63 100

65 30.3 23.9 35.9



#46

Dibromomethane

Concen: 56.795 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

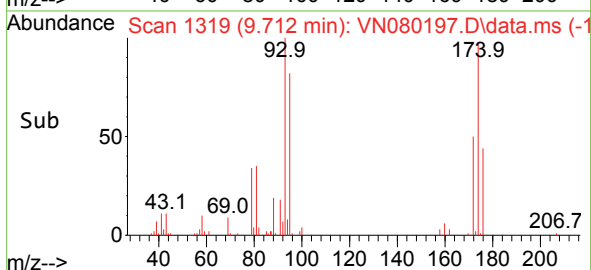
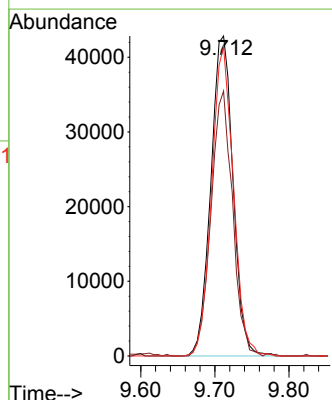
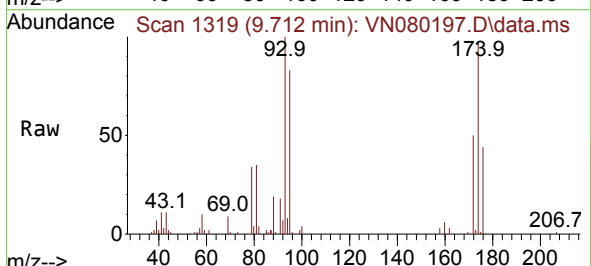
Tgt Ion: 93 Resp: 89121

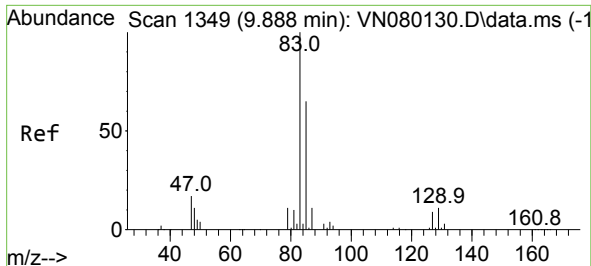
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

174 94.6 65.6 98.4





#47

Bromodichloromethane

Concen: 57.562 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

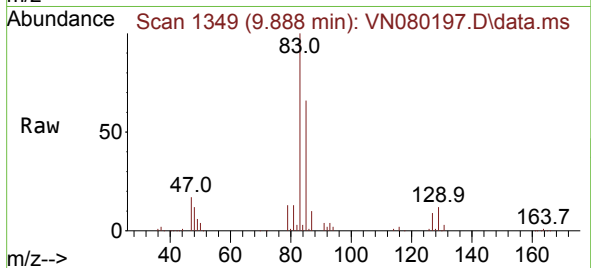
Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :



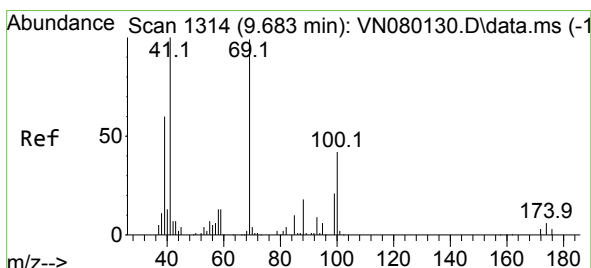
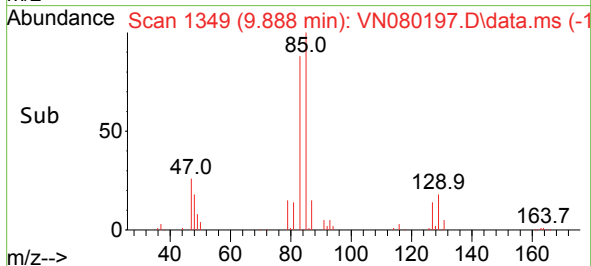
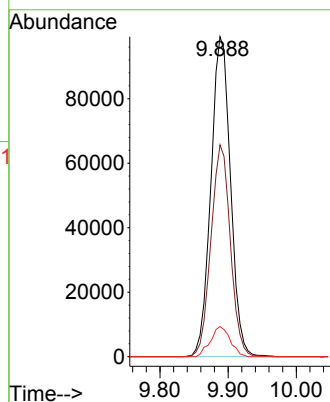
Tgt Ion: 83 Resp: 198689

Ion Ratio Lower Upper

83 100

85 66.2 49.6 74.4

127 9.4 7.0 10.6



#48

Methyl methacrylate

Concen: 52.684 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

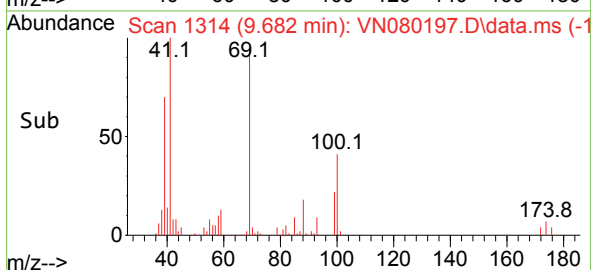
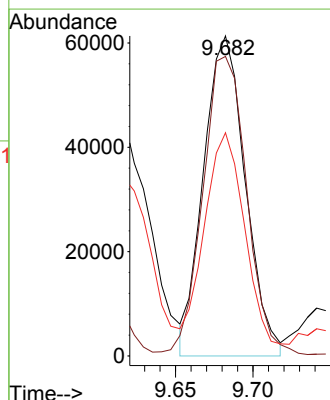
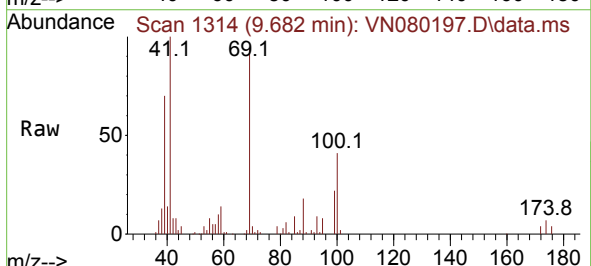
Tgt Ion: 41 Resp: 115019

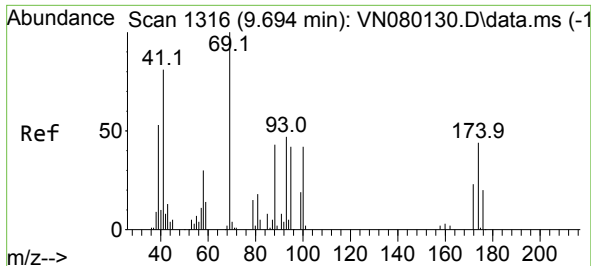
Ion Ratio Lower Upper

41 100

69 99.3 90.4 135.6

39 70.0 54.6 81.8





#49

1,4-Dioxane

Concen: 942.730 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

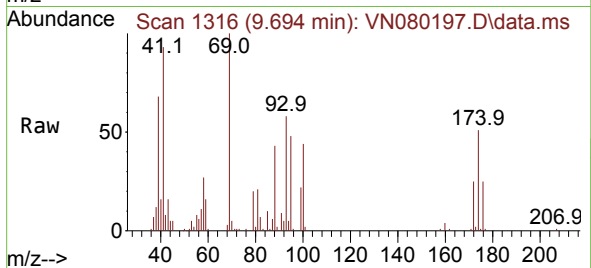
Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :



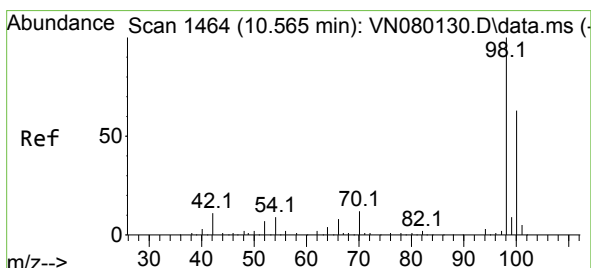
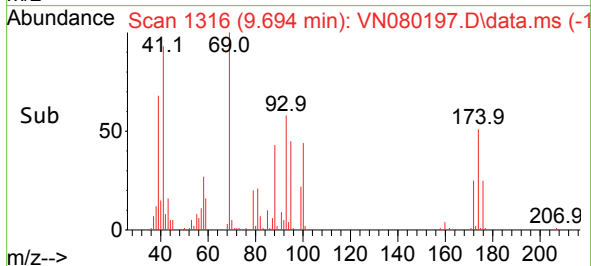
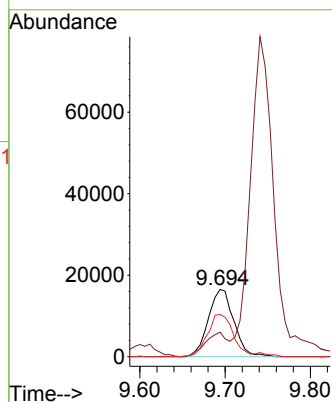
Tgt Ion: 88 Resp: 34240

Ion Ratio Lower Upper

88 100

43 32.0 17.0 25.6#

58 63.6 47.0 70.4



#50

Toluene-d8

Concen: 53.341 ug/l

RT: 10.564 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080197.D

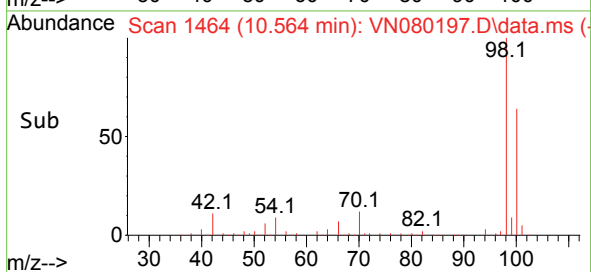
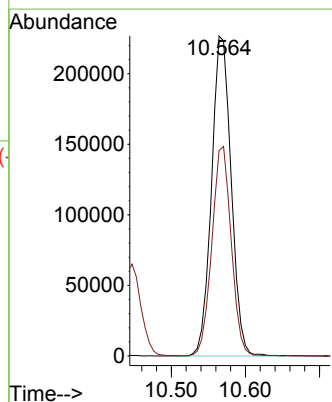
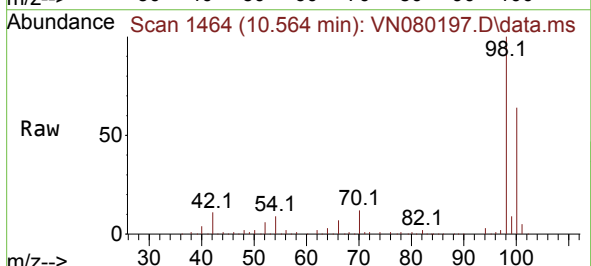
Acq: 20 Nov 2023 10:40

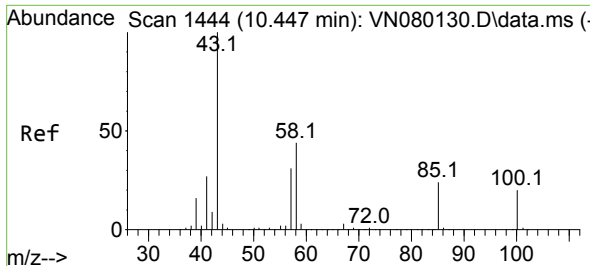
Tgt Ion: 98 Resp: 416834

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

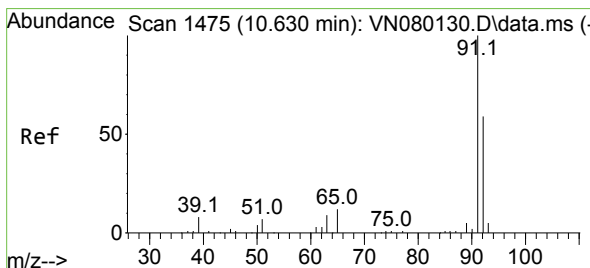
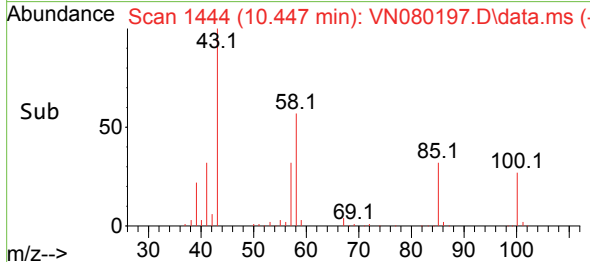
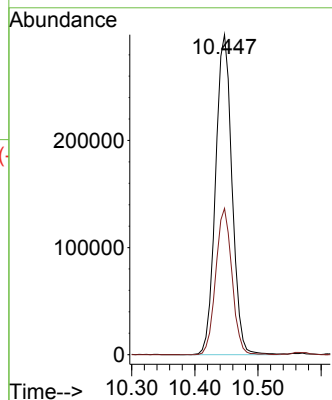
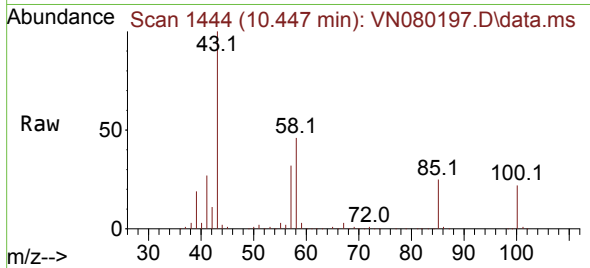




#51
4-Methyl-2-Pentanone
Concen: 246.865 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

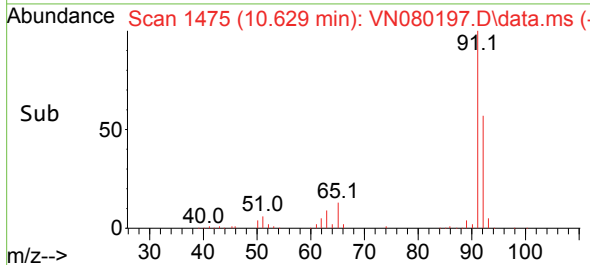
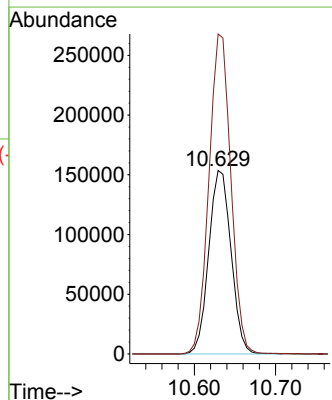
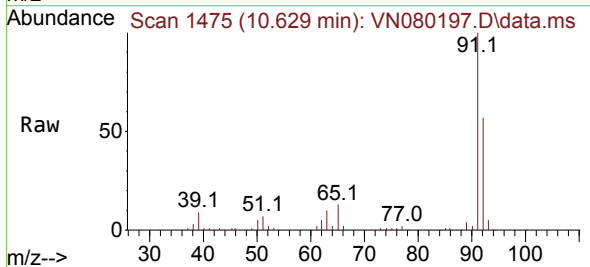
Instrument :
MSVOA_N
ClientSampleId :

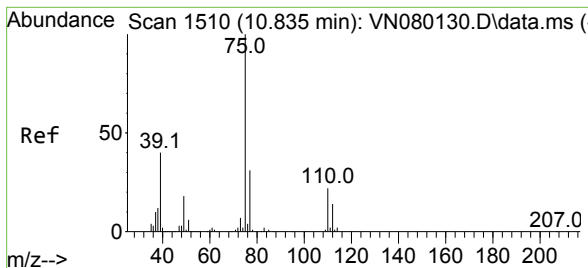
Tgt Ion: 43 Resp: 541449
Ion Ratio Lower Upper
43 100
58 44.9 36.6 54.8



#52
Toluene
Concen: 52.491 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 92 Resp: 293025
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0

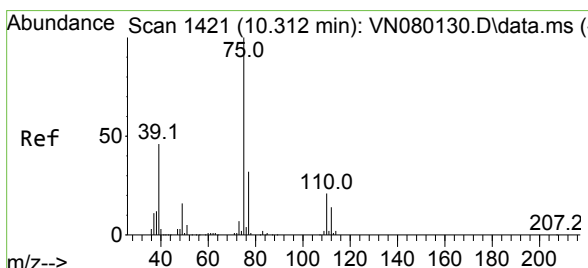
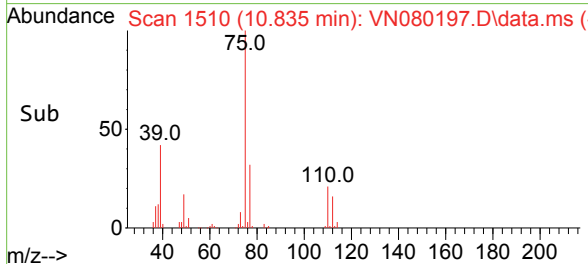
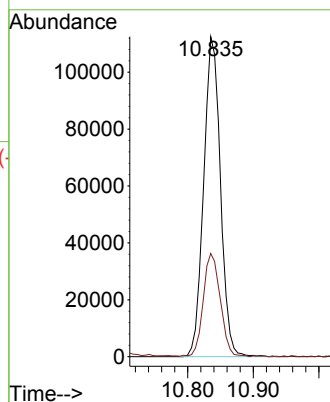
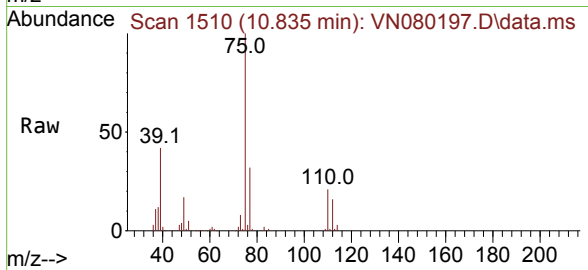




#53
 t-1,3-Dichloropropene
 Concen: 56.537 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

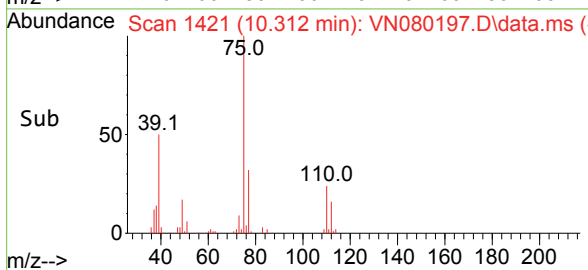
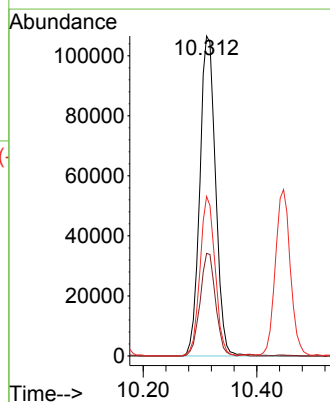
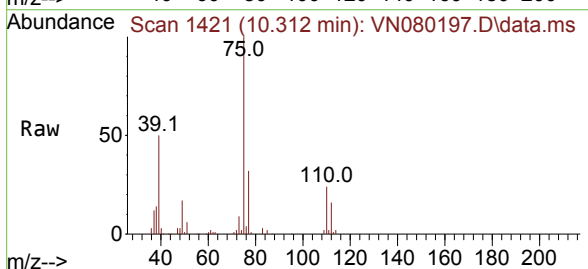
Instrument :
 MSVOA_N
 ClientSampleId :

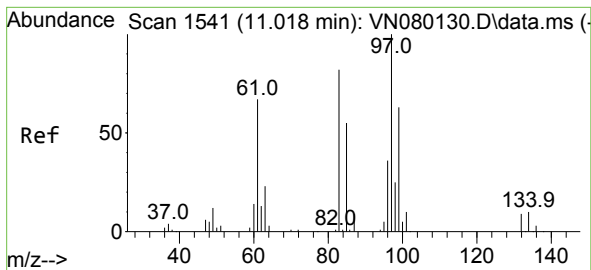
Tgt Ion: 75 Resp: 200505
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.695 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

Tgt Ion: 75 Resp: 205417
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 49.9 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 54.603 ug/l

RT: 11.017 min Scan# 11

Delta R.T. -0.000 min

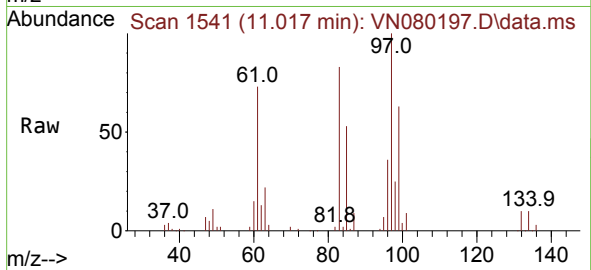
Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 116341

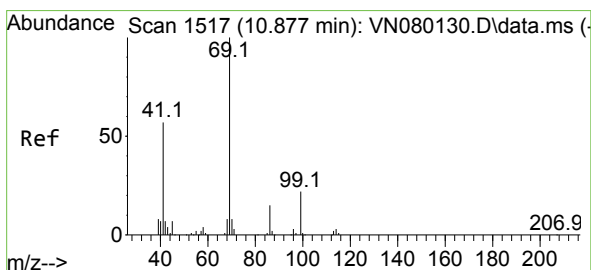
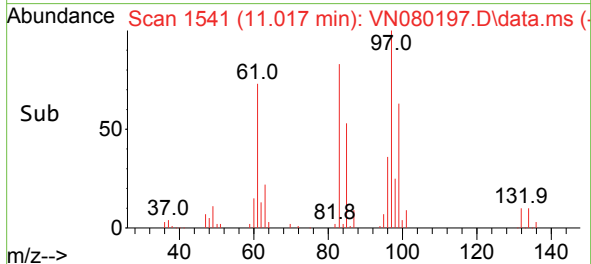
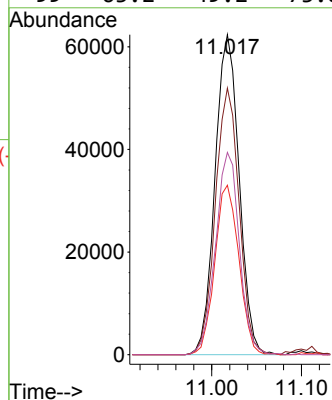
Ion Ratio Lower Upper

97 100

83 83.3 65.1 97.7

85 53.0 43.4 65.2

99 63.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.411 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

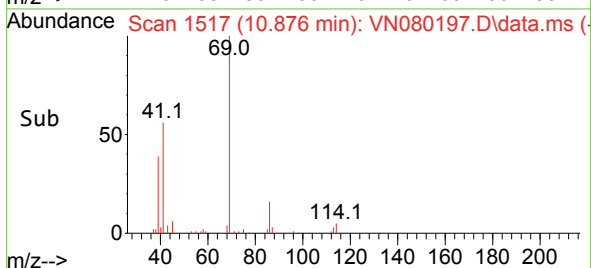
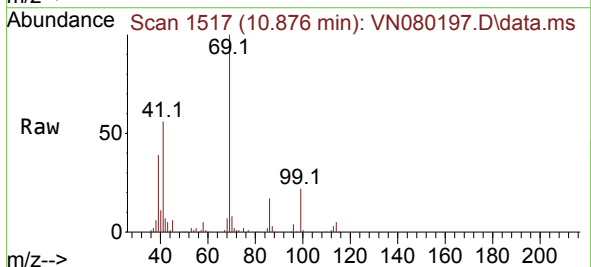
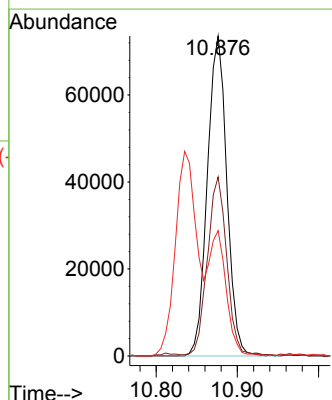
Tgt Ion: 69 Resp: 122787

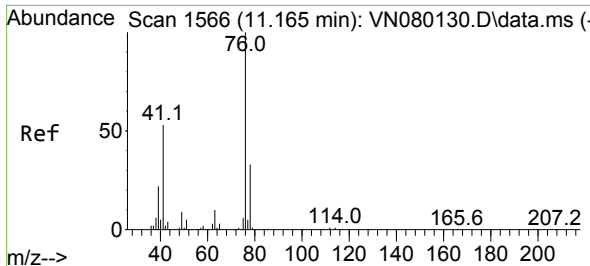
Ion Ratio Lower Upper

69 100

41 56.0 39.6 59.4

39 35.0 28.6 43.0

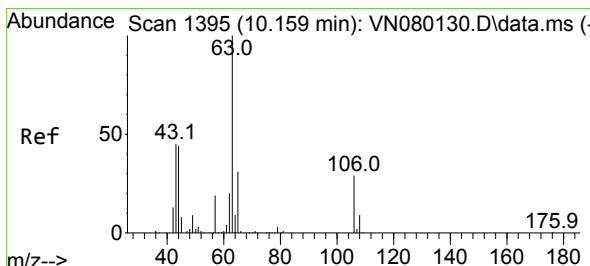
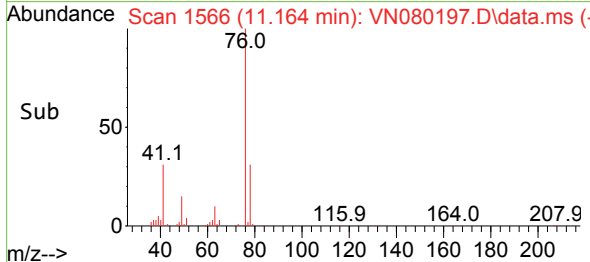
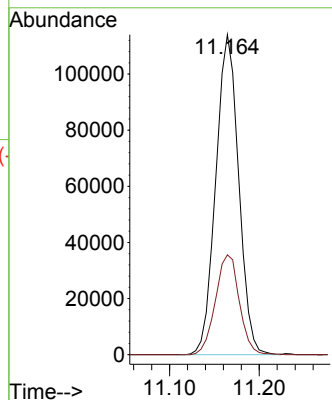
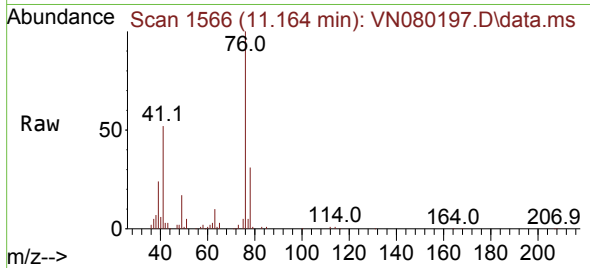




#57
1,3-Dichloropropane
Concen: 54.257 ug/l
RT: 11.164 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

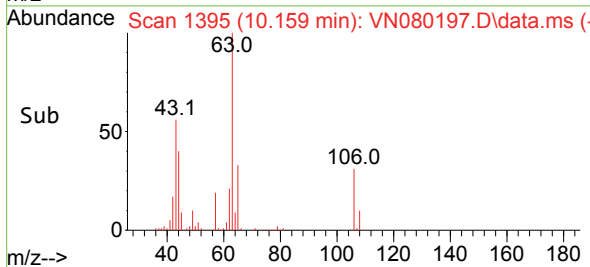
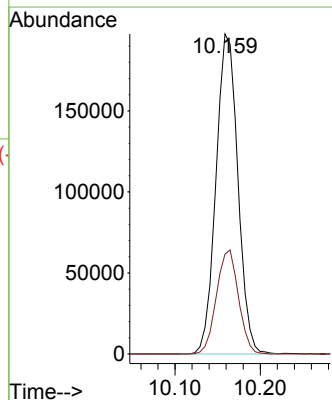
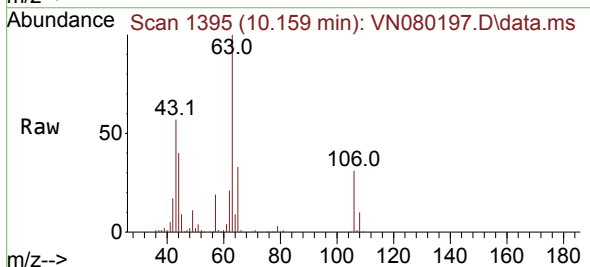
Instrument :
MSVOA_N
ClientSampleId :

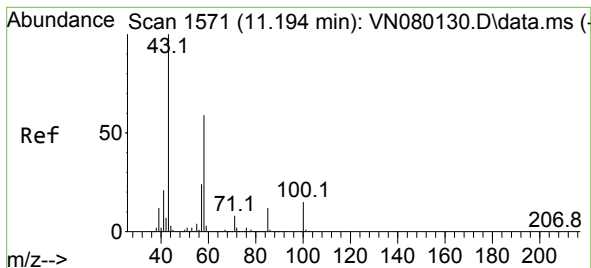
Tgt Ion: 76 Resp: 201835
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 287.331 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

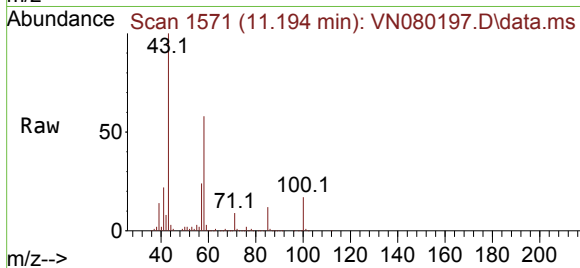
Tgt Ion: 63 Resp: 352341
Ion Ratio Lower Upper
63 100
106 32.6 26.2 39.4



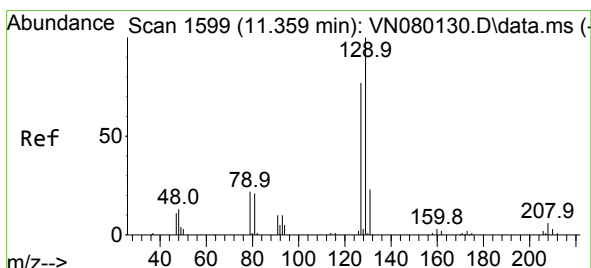
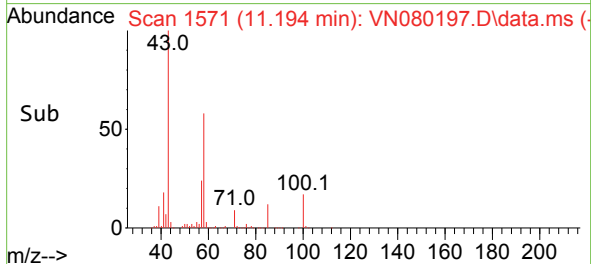
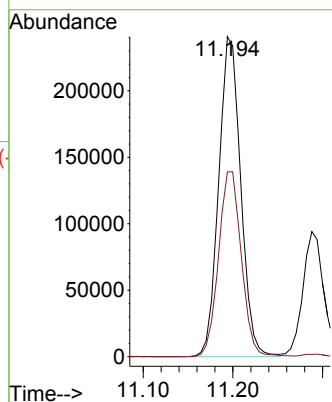


#59
2-Hexanone
Concen: 233.010 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :

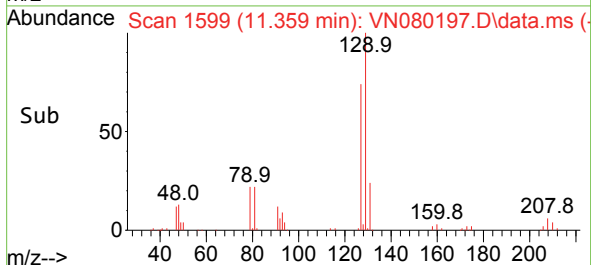
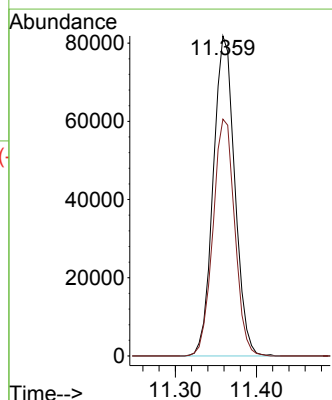
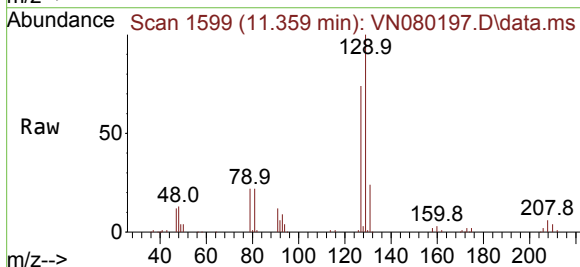


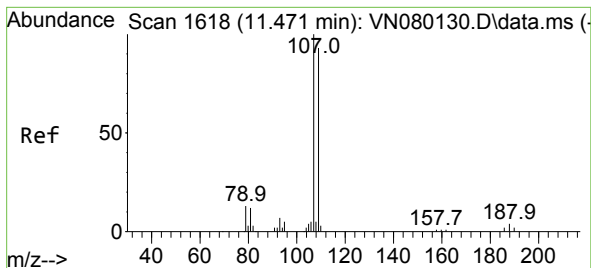
Tgt Ion: 43 Resp: 410667
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1



#60
Dibromochloromethane
Concen: 59.173 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:129 Resp: 150940
Ion Ratio Lower Upper
129 100
127 74.7 38.6 116.0

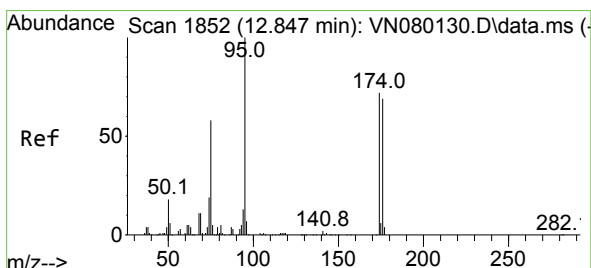
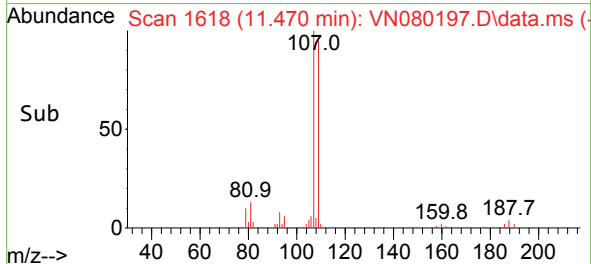
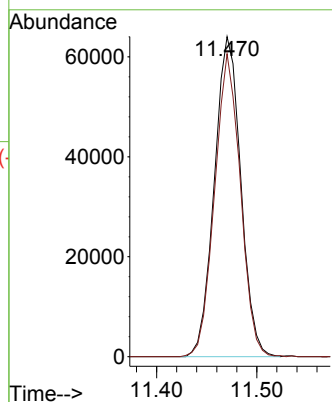
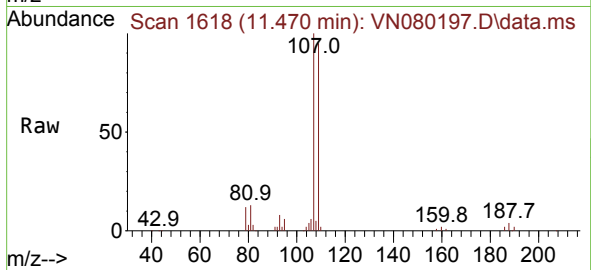




#61
1,2-Dibromoethane
Concen: 53.938 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

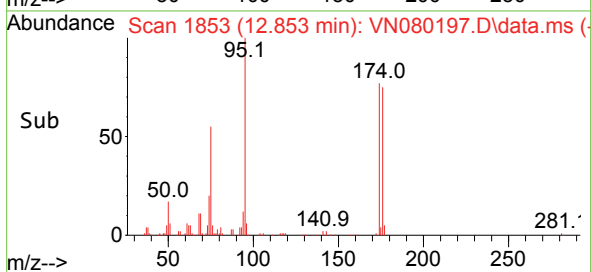
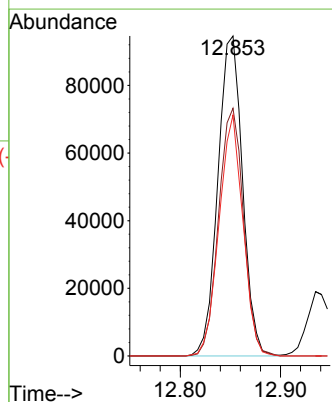
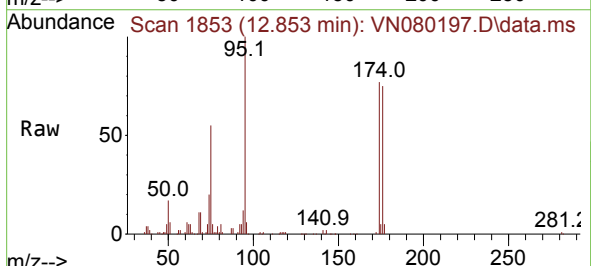
Instrument :
MSVOA_N
ClientSampleId :

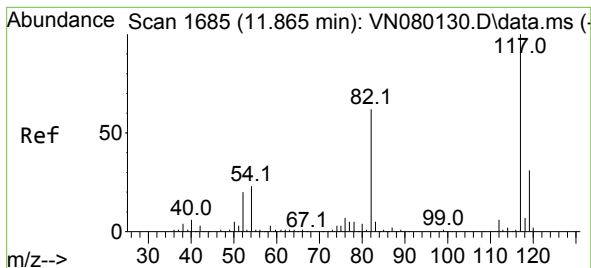
Tgt Ion:107 Resp: 117241
Ion Ratio Lower Upper
107 100
109 92.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 95 Resp: 161642
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

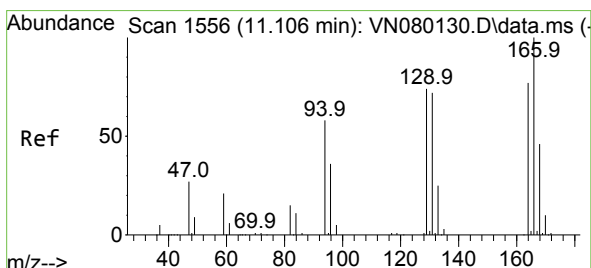
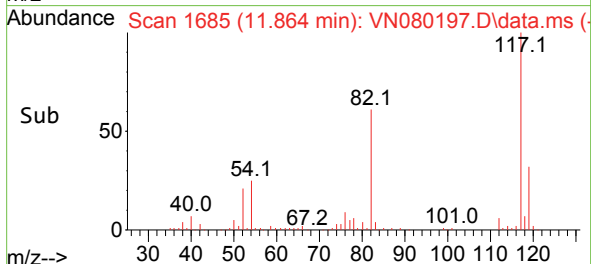
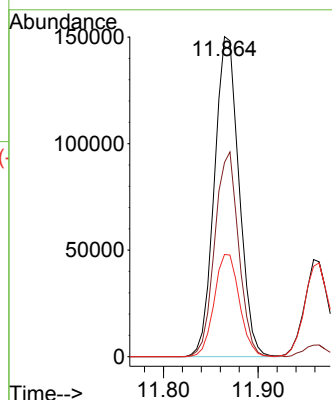
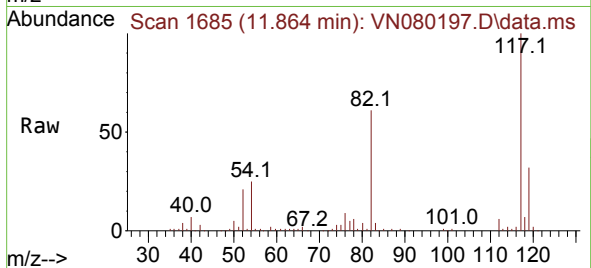
Tgt Ion:117 Resp: 271155

Ion Ratio Lower Upper

117 100

82 60.7 44.0 66.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 55.272 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Tgt Ion:164 Resp: 114377

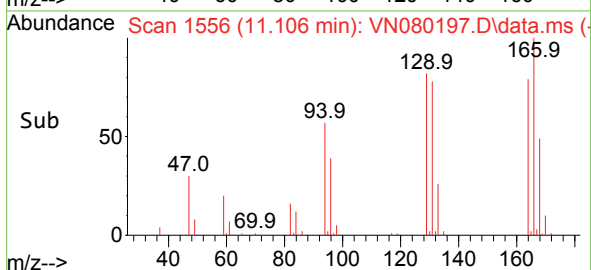
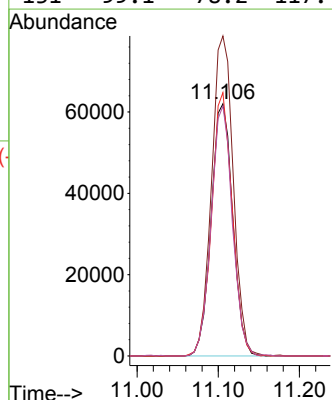
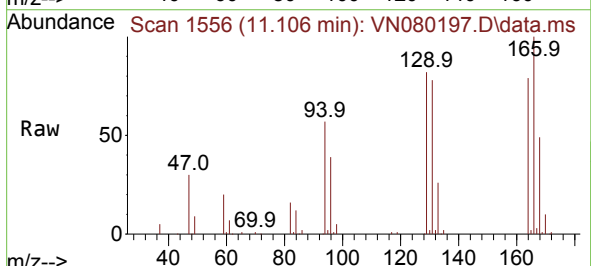
Ion Ratio Lower Upper

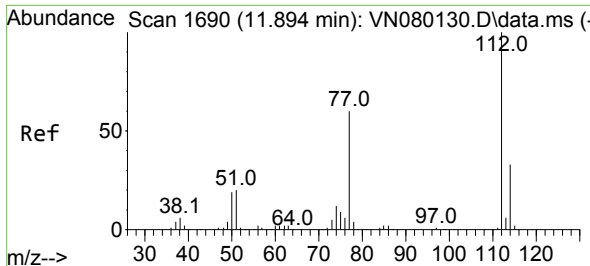
164 100

166 126.9 101.4 152.0

129 104.5 82.4 123.6

131 99.1 78.2 117.4

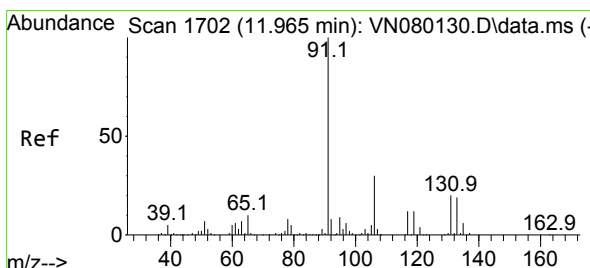
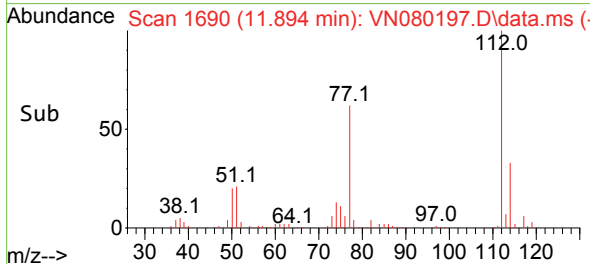
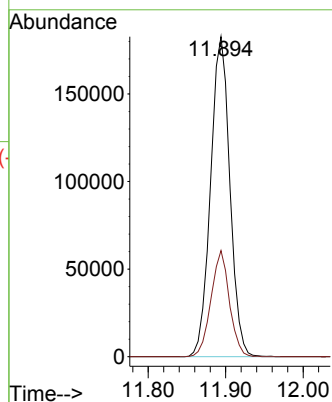
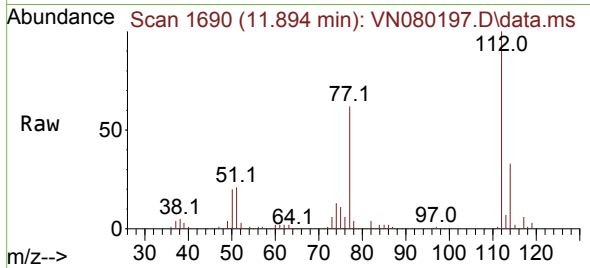




#65
Chlorobenzene
Concen: 51.379 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

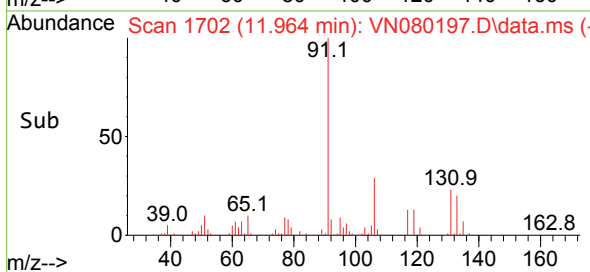
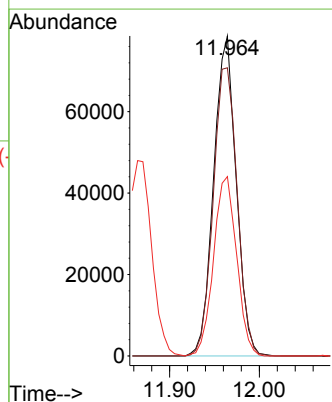
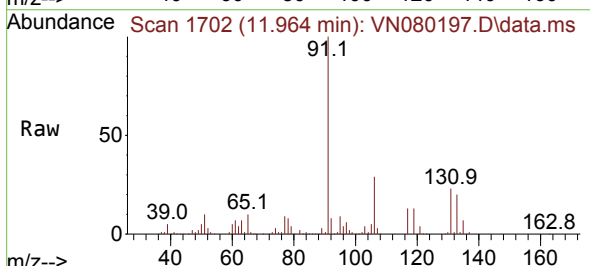
Instrument :
MSVOA_N
ClientSampleId :

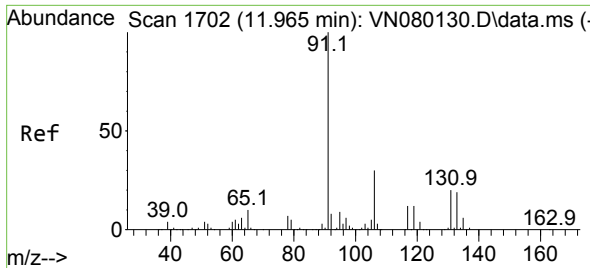
Tgt Ion:112 Resp: 315686
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.569 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:131 Resp: 137265
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 57.4 34.1 102.2

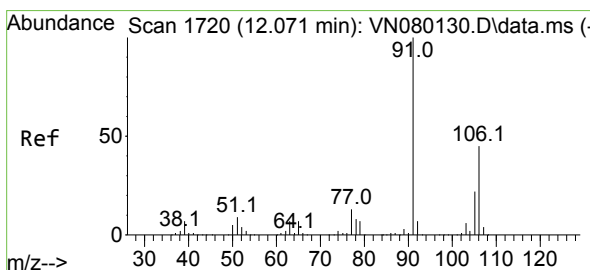
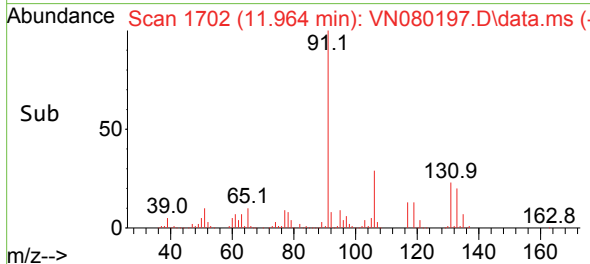
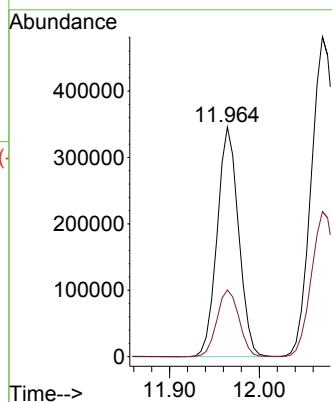
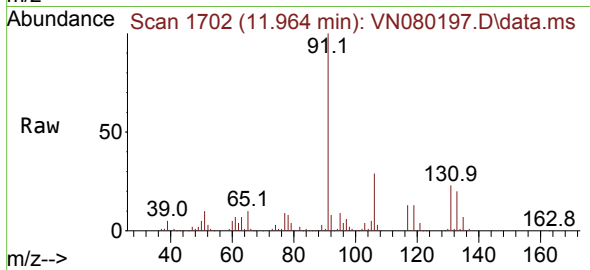




#67
Ethyl Benzene
Concen: 52.349 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

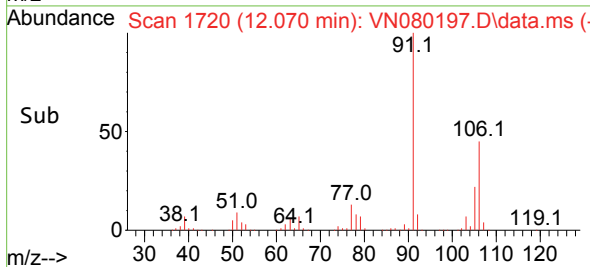
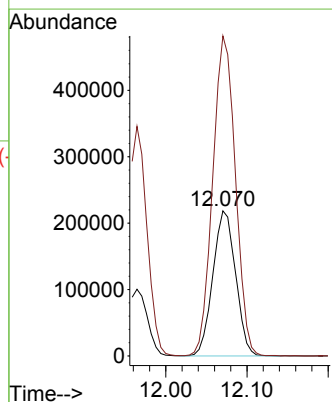
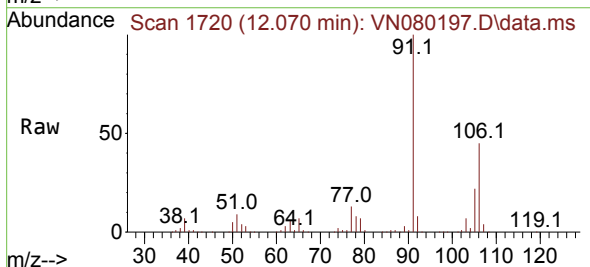
Instrument :
MSVOA_N
ClientSampleId :

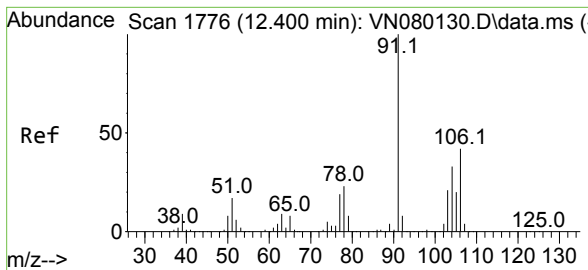
Tgt Ion: 91 Resp: 572339
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4



#68
m/p-Xylenes
Concen: 106.582 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:106 Resp: 424872
Ion Ratio Lower Upper
106 100
91 220.2 159.6 239.4

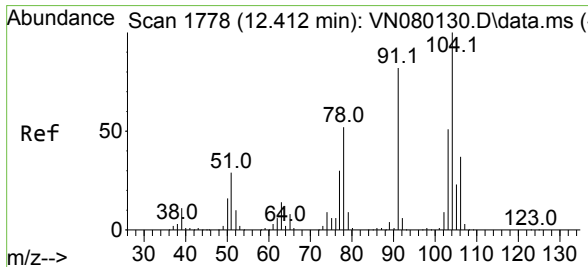
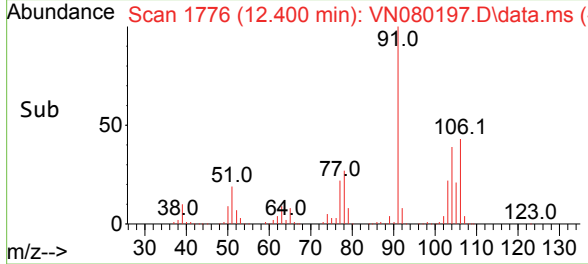
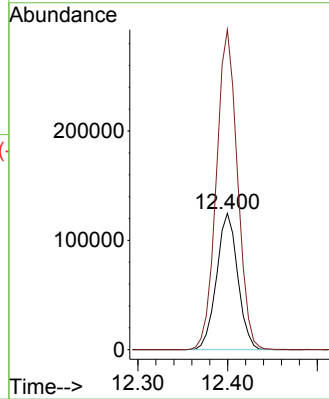
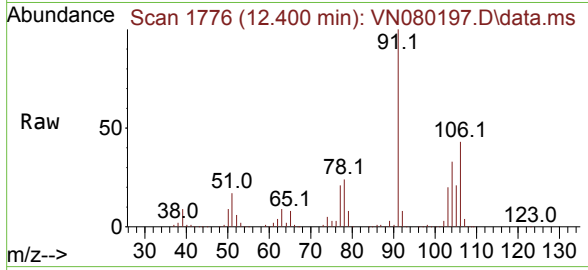




#69
o-Xylene
Concen: 54.343 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

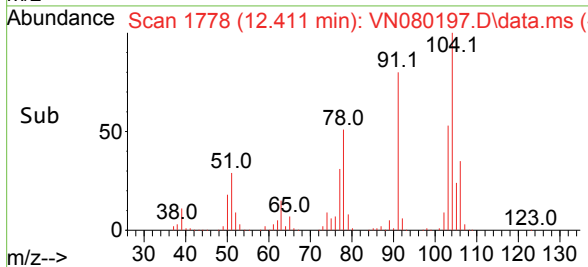
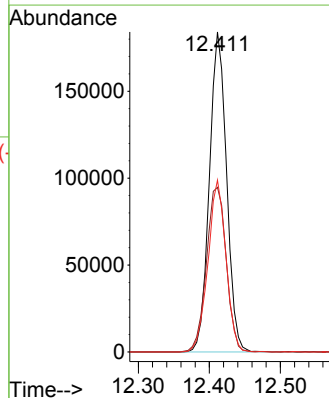
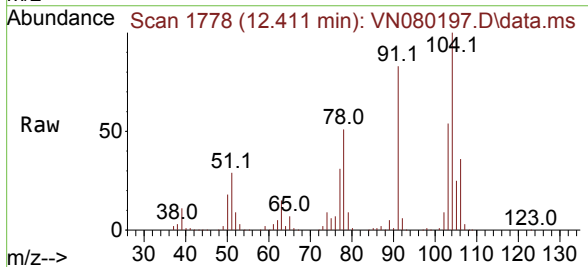
Instrument :
MSVOA_N
ClientSampleId :

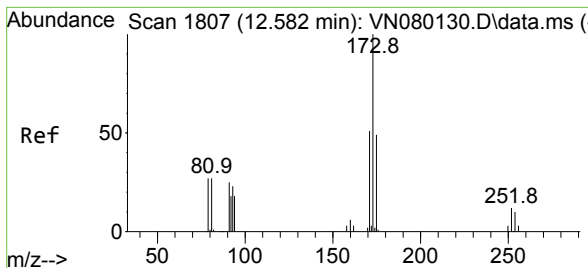
Tgt Ion:106 Resp: 204155
Ion Ratio Lower Upper
106 100
91 234.2 105.2 315.5



#70
Styrene
Concen: 55.531 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:104 Resp: 310509
Ion Ratio Lower Upper
104 100
78 59.3 39.5 59.3#
103 56.1 43.2 64.8





#71

Bromoform

Concen: 57.793 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

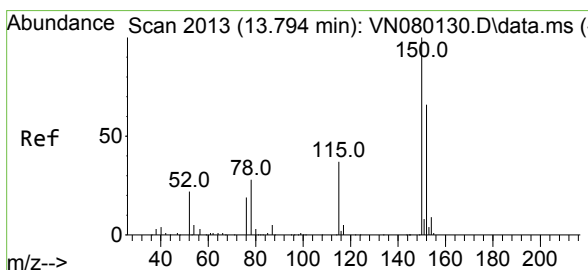
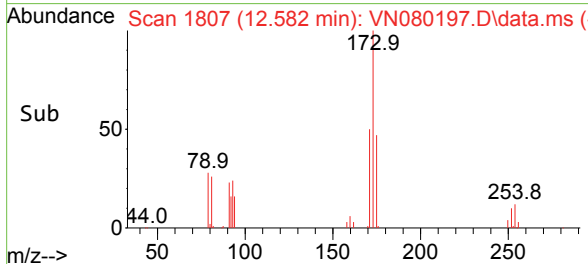
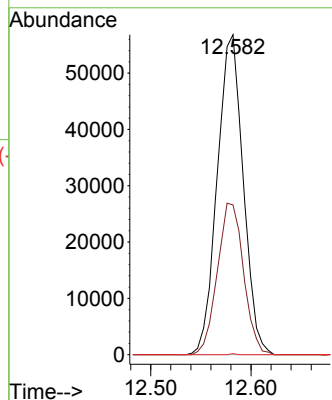
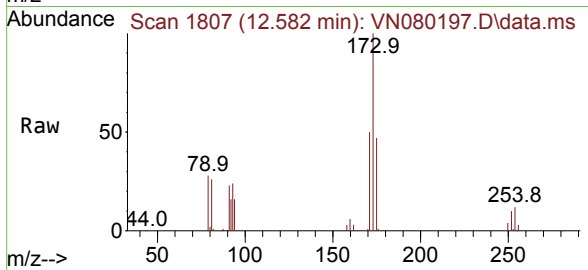
Tgt Ion:173 Resp: 102190

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.1 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: VN080197.D

Acq: 20 Nov 2023 10:40

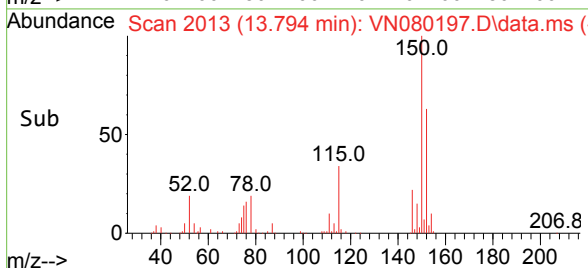
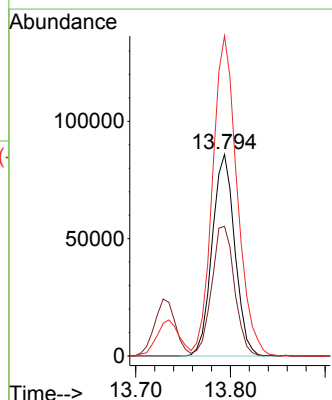
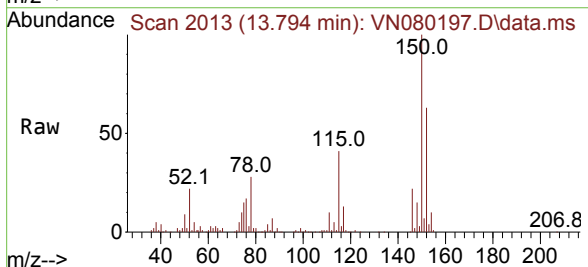
Tgt Ion:152 Resp: 142547

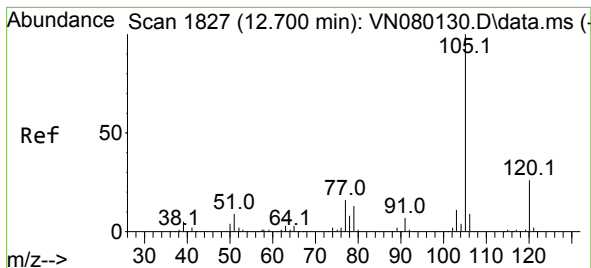
Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 172.4 0.0 355.8





#73

Isopropylbenzene

Concen: 48.639 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

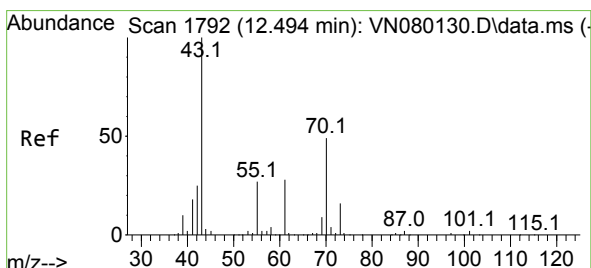
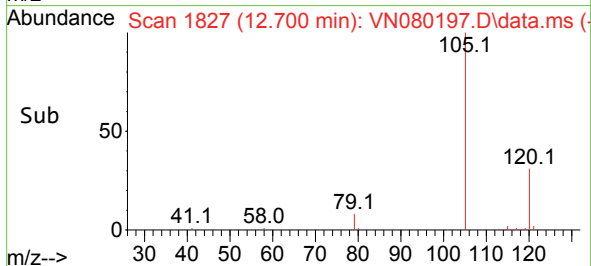
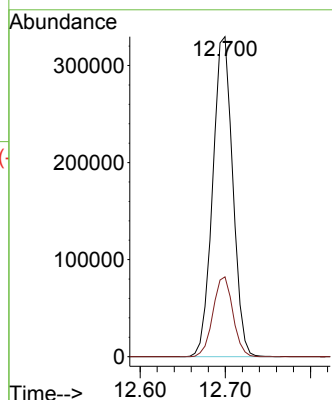
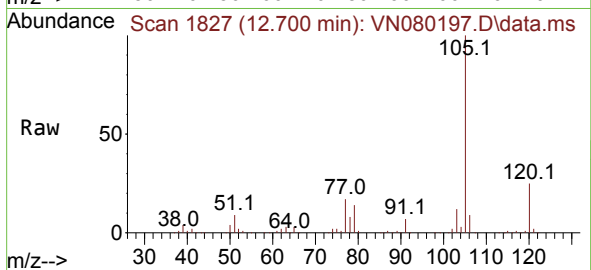
ClientSampleId :

Tgt Ion:105 Resp: 538767

Ion Ratio Lower Upper

105 100

120 24.8 13.1 39.1



#74

N-ethyl acetate

Concen: 44.754 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Tgt Ion: 43 Resp: 154595

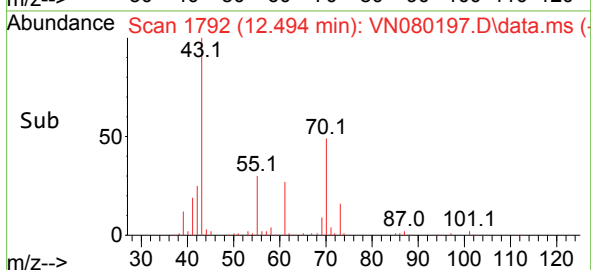
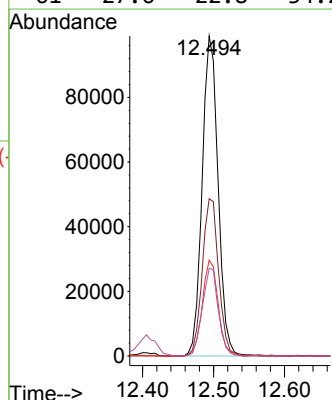
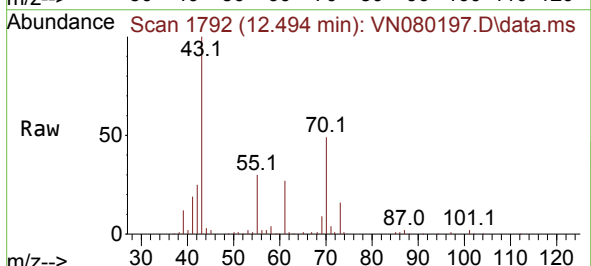
Ion Ratio Lower Upper

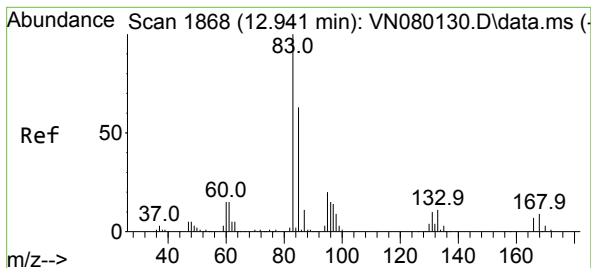
43 100

70 50.4 43.4 65.2

55 29.8 21.4 32.0

61 27.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.635 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

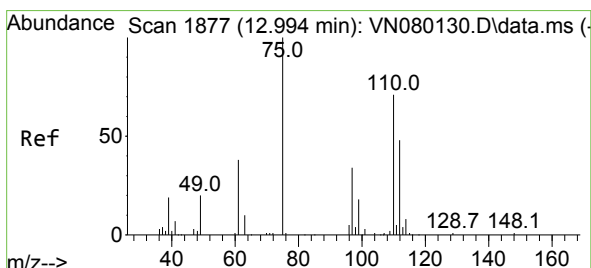
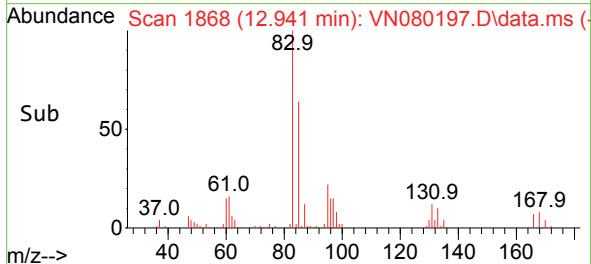
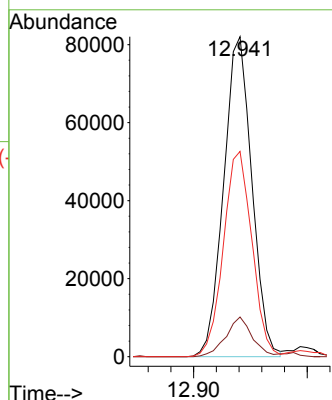
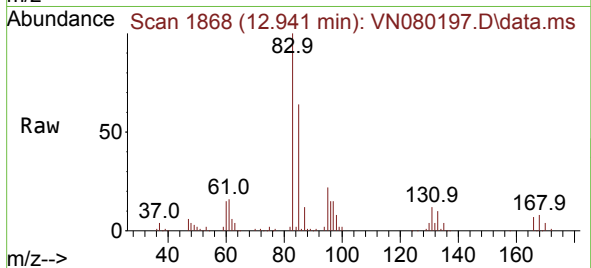
Tgt Ion: 83 Resp: 141348

Ion Ratio Lower Upper

83 100

131 11.8 5.0 15.0

85 65.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 58.390 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080197.D

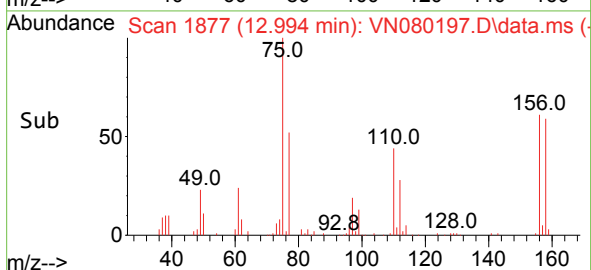
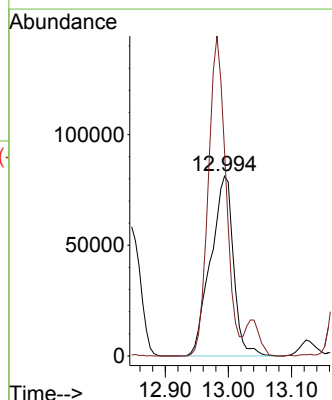
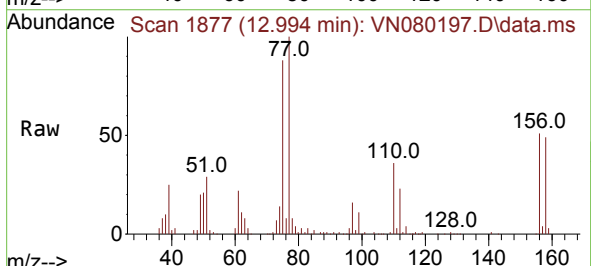
Acq: 20 Nov 2023 10:40

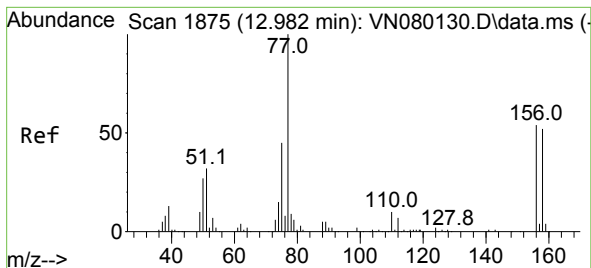
Tgt Ion: 75 Resp: 203934

Ion Ratio Lower Upper

75 100

77 136.5 84.5 253.5





#77

Bromobenzene

Concen: 49.302 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

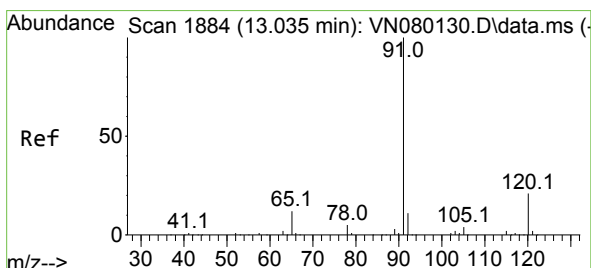
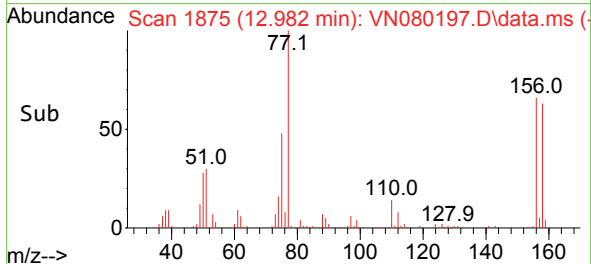
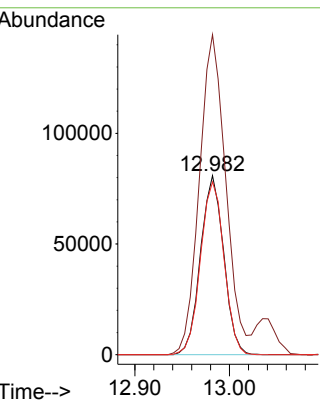
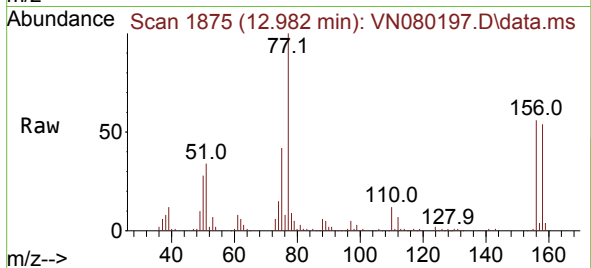
Tgt Ion:156 Resp: 137688

Ion Ratio Lower Upper

156 100

77 202.1 107.7 323.3

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 48.112 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080197.D

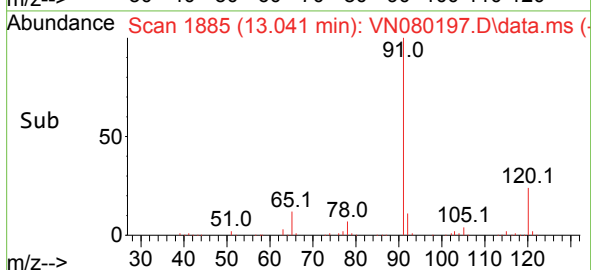
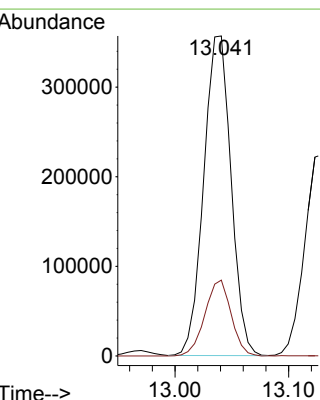
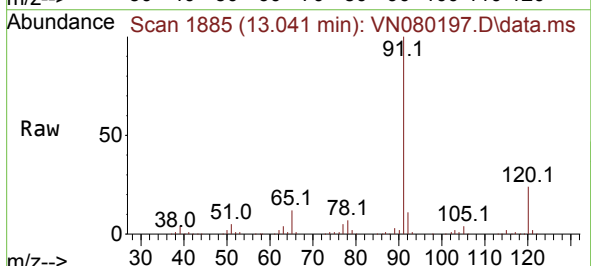
Acq: 20 Nov 2023 10:40

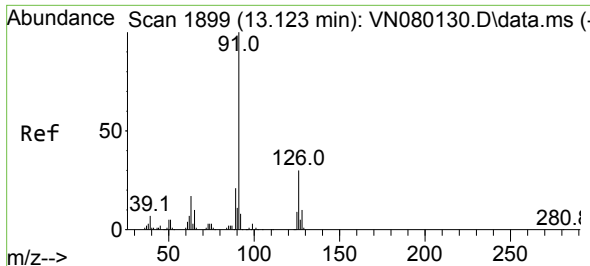
Tgt Ion: 91 Resp: 595946

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

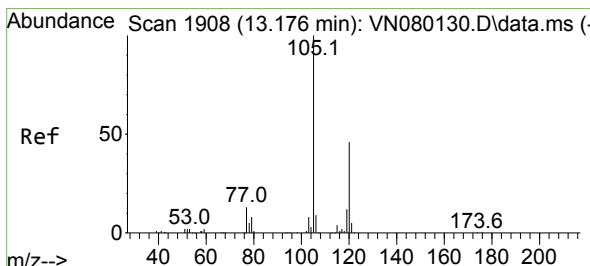
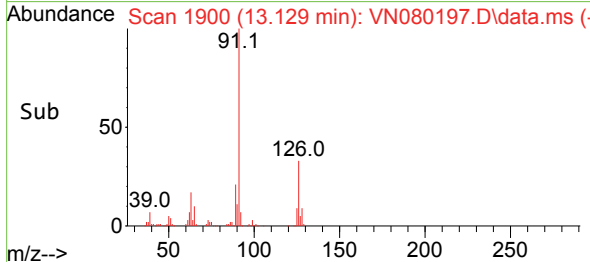
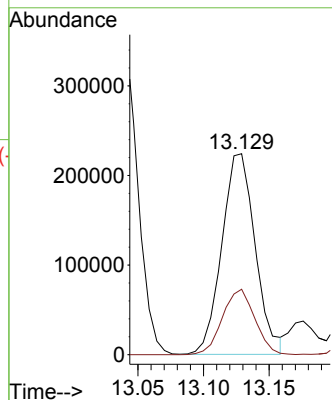
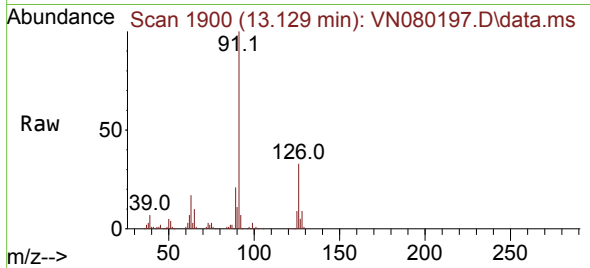




#79
2-Chlorotoluene
Concen: 49.316 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

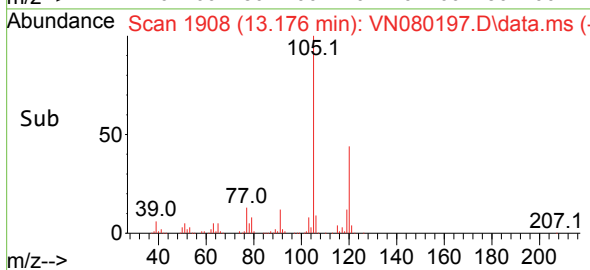
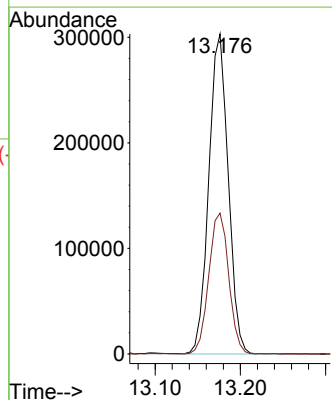
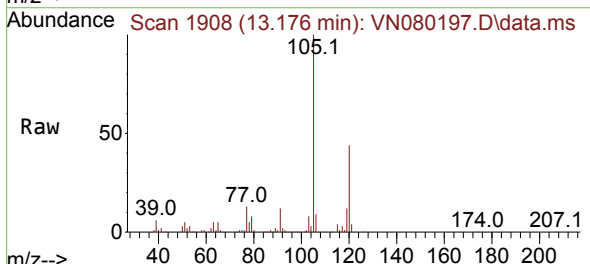
Instrument :
MSVOA_N
ClientSampleId :

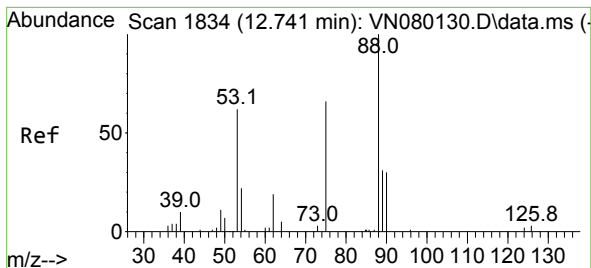
Tgt Ion: 91 Resp: 396746
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.741 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 105 Resp: 479627
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3

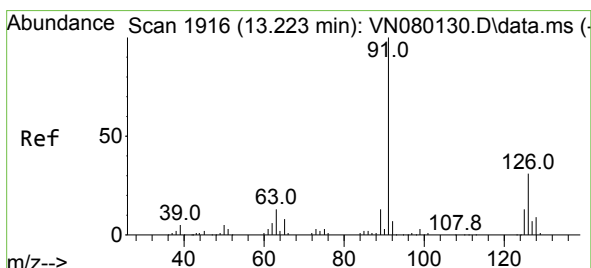
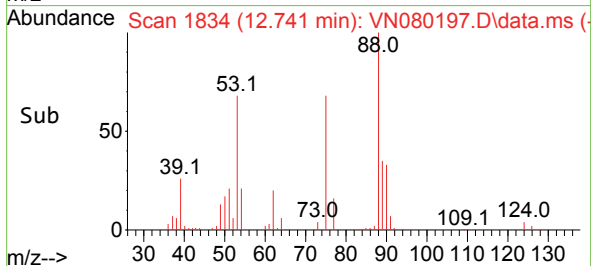
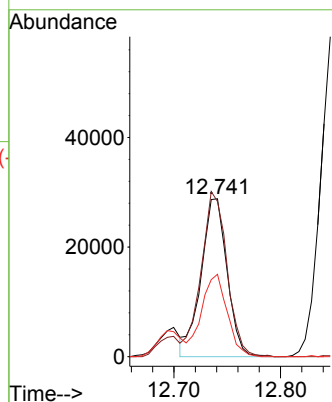
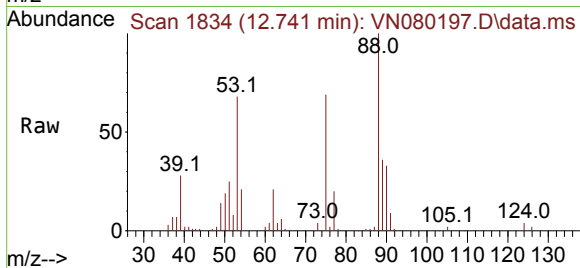




#81
trans-1,4-Dichloro-2-butene
Concen: 47.340 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

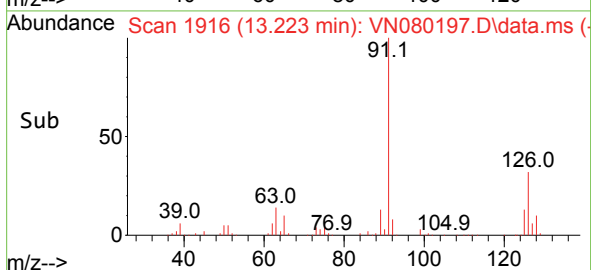
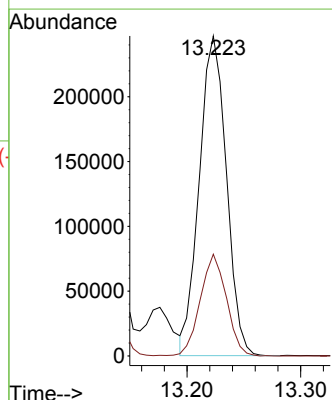
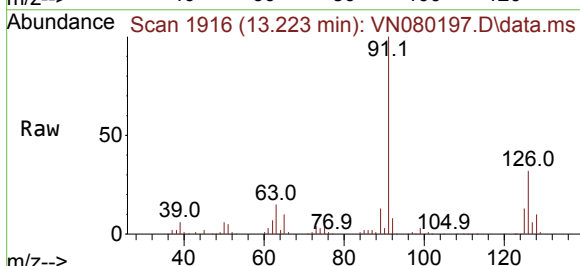
Instrument :
MSVOA_N
ClientSampleId :

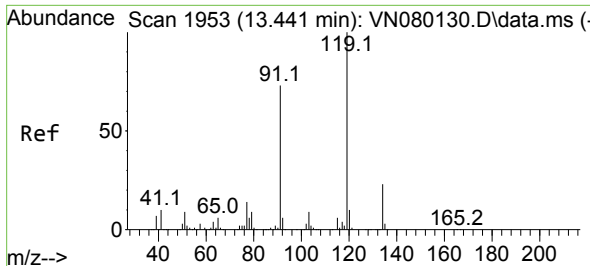
Tgt Ion: 75 Resp: 48938
Ion Ratio Lower Upper
75 100
53 104.6 67.4 101.2#
89 51.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.578 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion: 91 Resp: 408610
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0

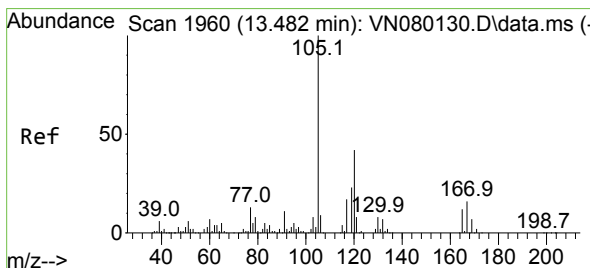
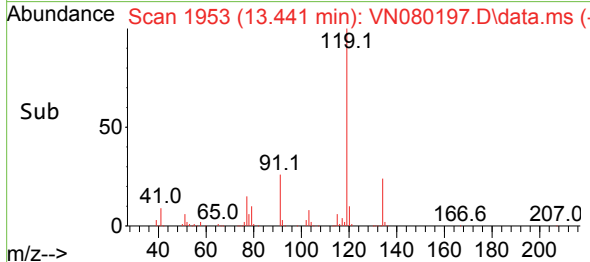
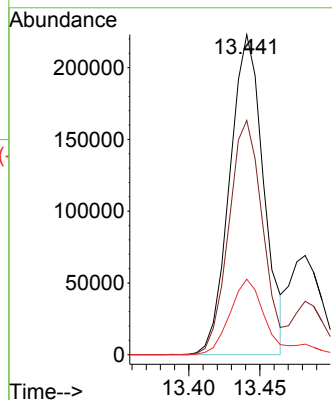
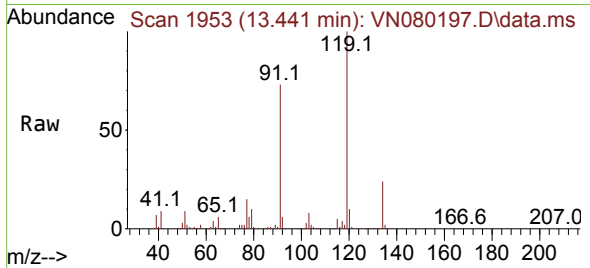




#83
 tert-Butylbenzene
 Concen: 47.894 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

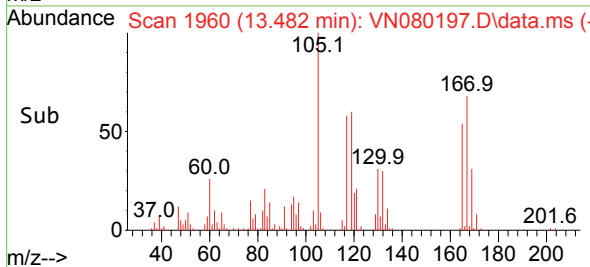
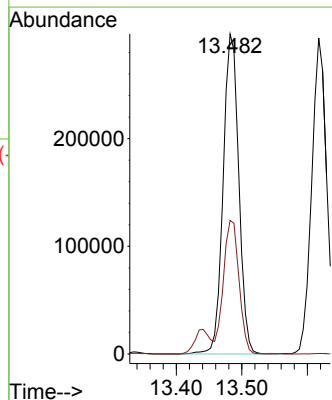
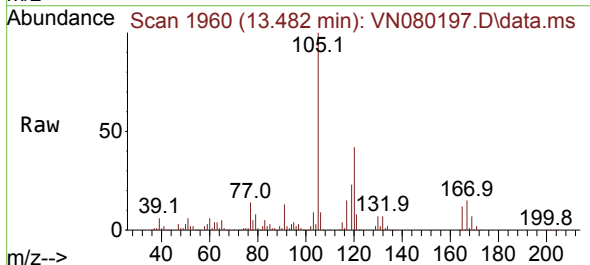
Instrument :
 MSVOA_N
 ClientSampleId :

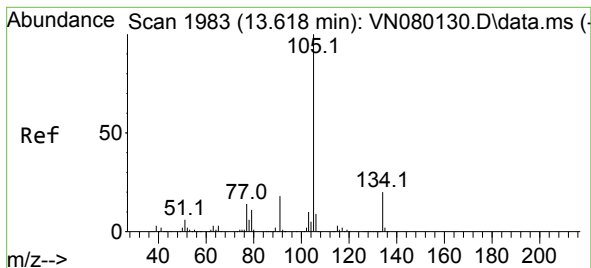
Tgt Ion:119 Resp: 370345
 Ion Ratio Lower Upper
 119 100
 91 75.0 33.9 101.7
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.668 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

Tgt Ion:105 Resp: 490568
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.571 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min MSVOA_N

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

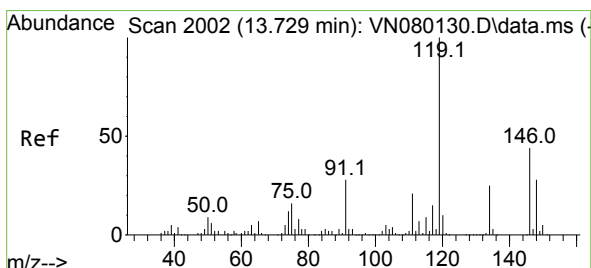
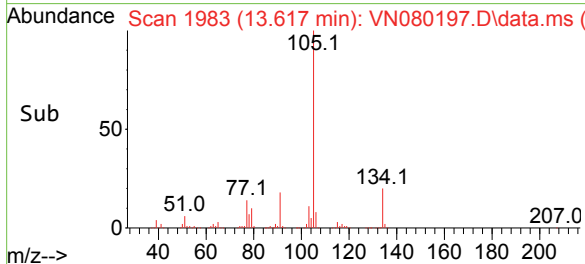
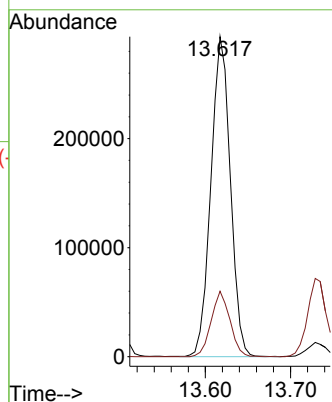
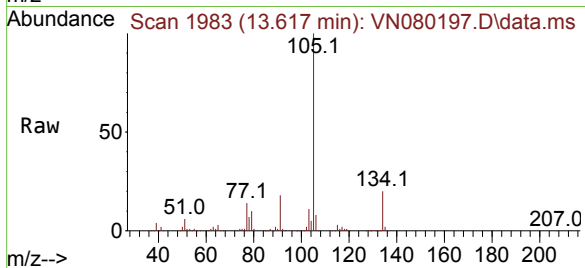
ClientSampleId :

Tgt Ion:105 Resp: 465339

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.391 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

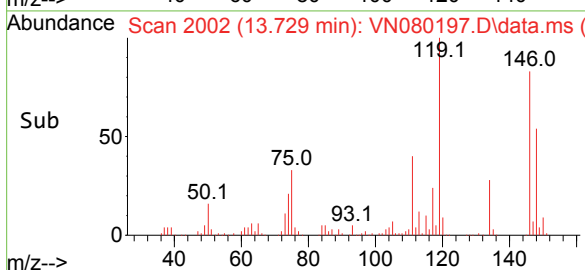
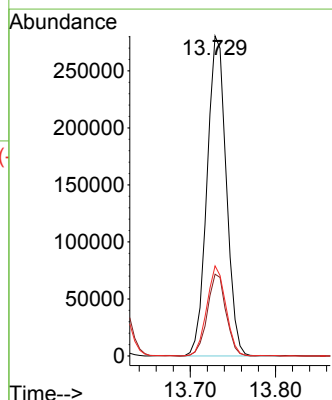
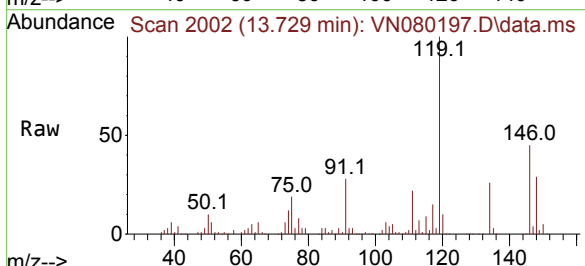
Tgt Ion:119 Resp: 440325

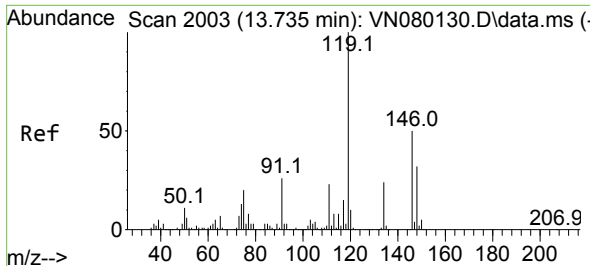
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 27.8 12.4 37.2

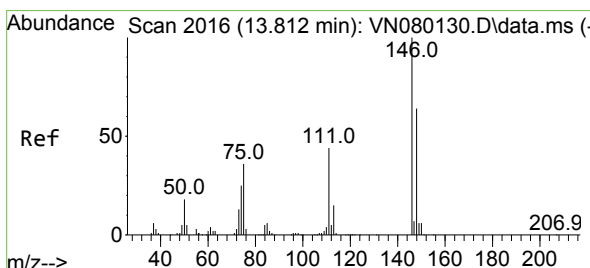
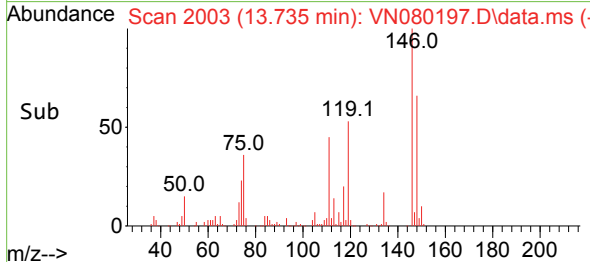
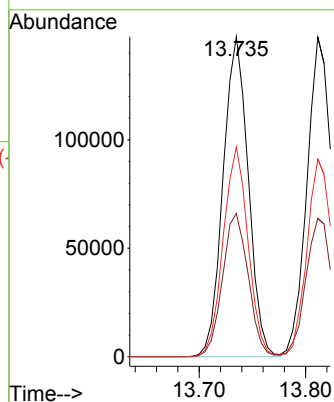
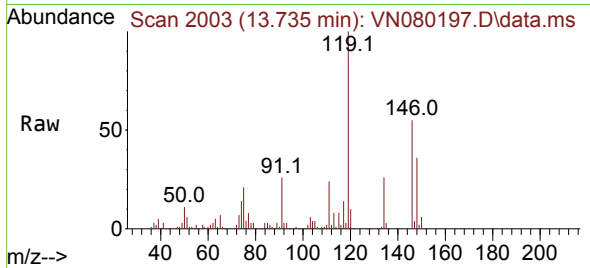




#87
1,3-Dichlorobenzene
Concen: 48.089 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

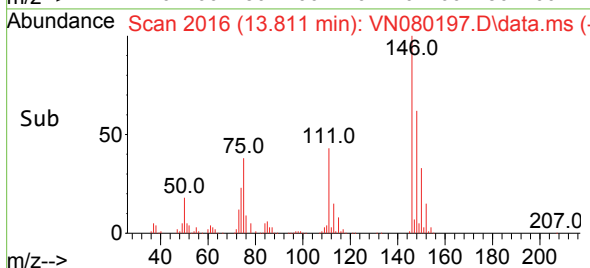
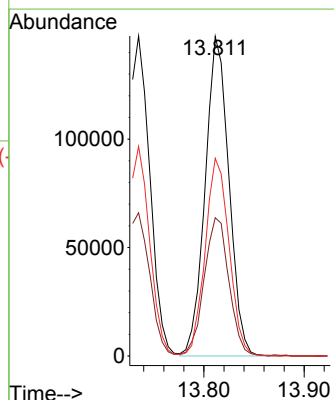
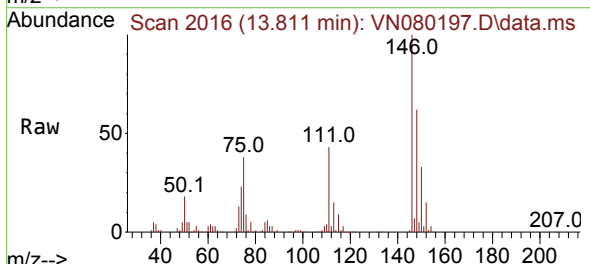
Instrument :
MSVOA_N
ClientSampleId :

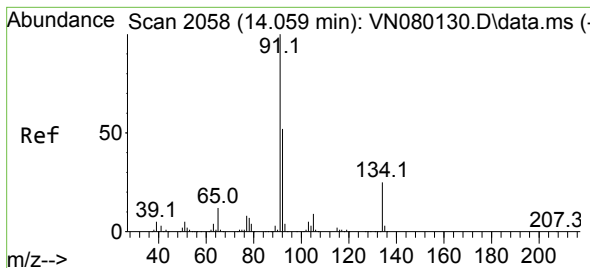
Tgt Ion:146 Resp: 241963
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.3
148 64.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.120 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080197.D
Acq: 20 Nov 2023 10:40

Tgt Ion:146 Resp: 243322
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.8
148 62.1 31.6 94.8





#89

n-Butylbenzene

Concen: 47.585 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

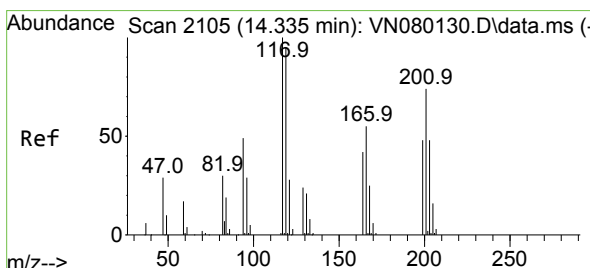
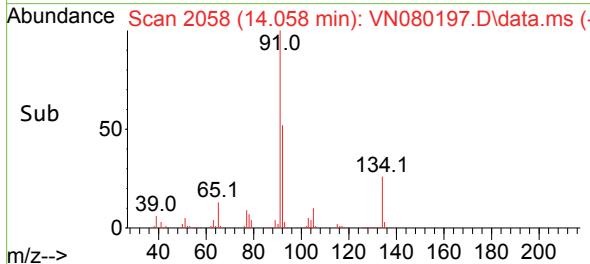
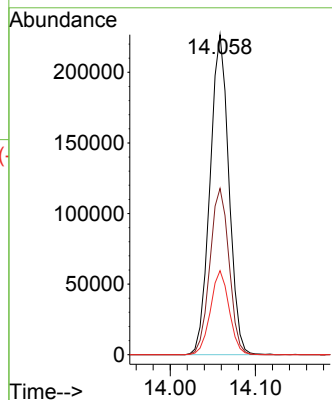
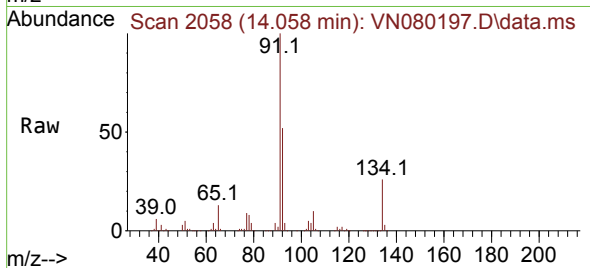
Tgt Ion: 91 Resp: 348028

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 46.634 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080197.D

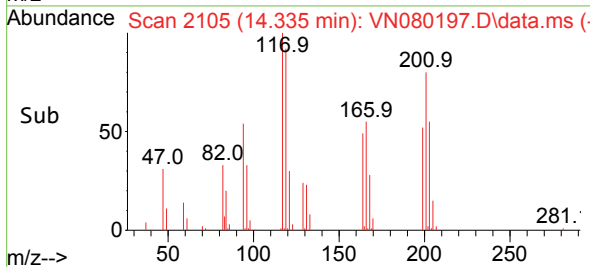
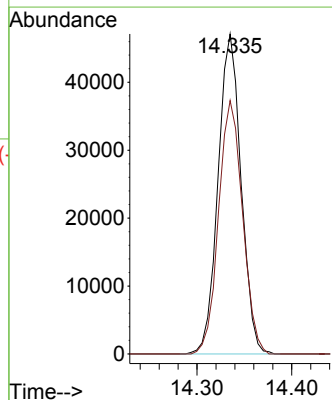
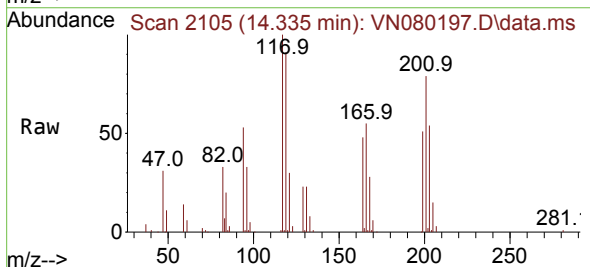
Acq: 20 Nov 2023 10:40

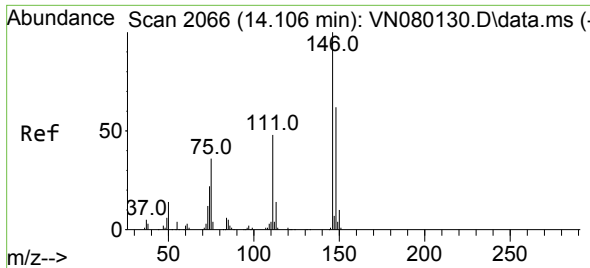
Tgt Ion: 117 Resp: 79443

Ion Ratio Lower Upper

117 100

201 82.6 29.3 88.0

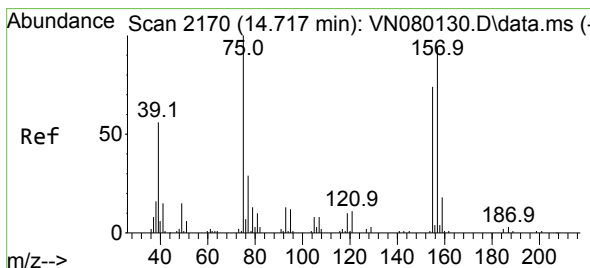
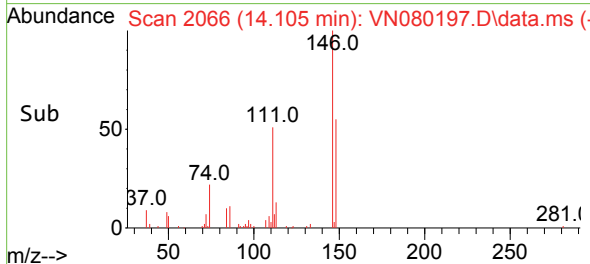
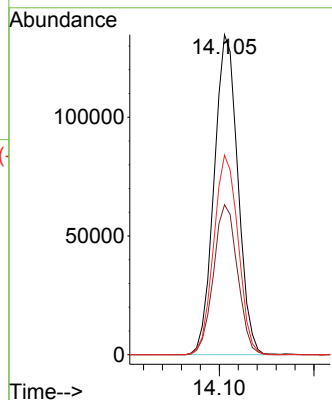
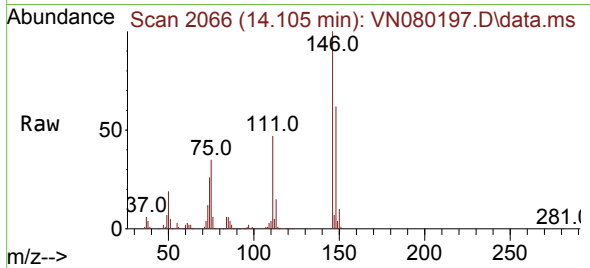




#91
 1,2-Dichlorobenzene
 Concen: 48.716 ug/l
 RT: 14.105 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

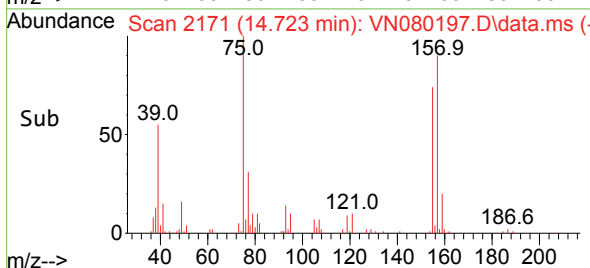
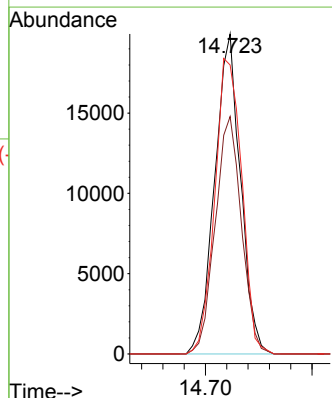
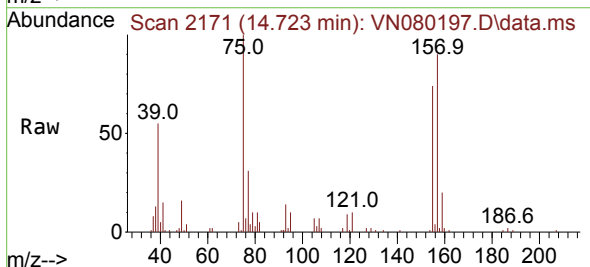
Instrument :
 MSVOA_N
 ClientSampleId :

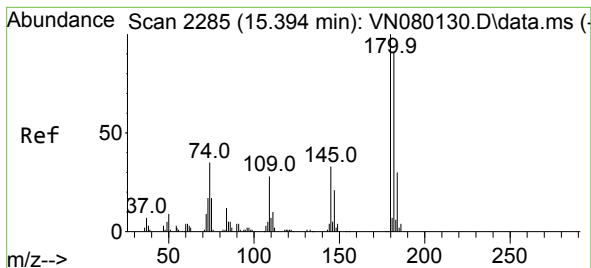
Tgt Ion:146 Resp: 234563
 Ion Ratio Lower Upper
 146 100
 111 47.5 22.0 66.0
 148 64.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.368 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN080197.D
 Acq: 20 Nov 2023 10:40

Tgt Ion: 75 Resp: 33396
 Ion Ratio Lower Upper
 75 100
 155 75.6 39.1 117.2
 157 96.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.718 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

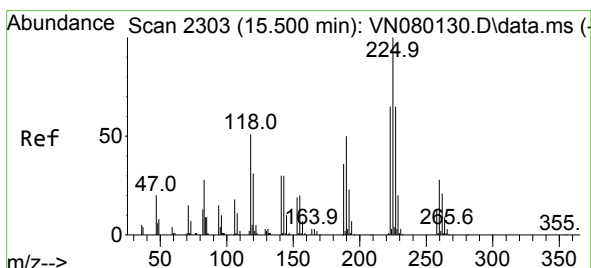
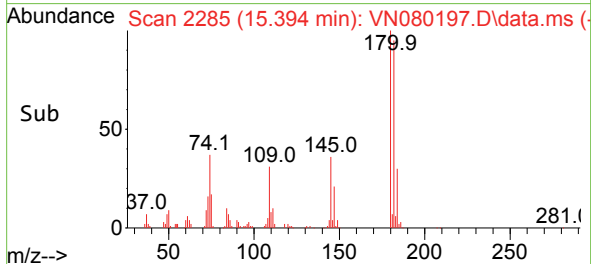
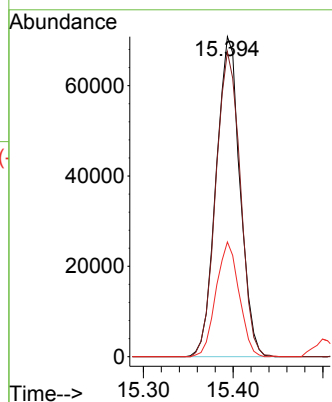
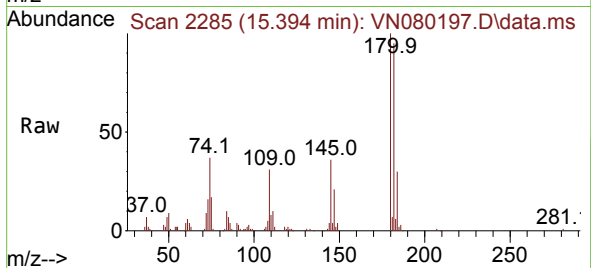
Tgt Ion:180 Resp: 130828

Ion Ratio Lower Upper

180 100

182 97.5 46.1 138.2

145 34.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.272 ug/l

RT: 15.499 min Scan# 2303

Delta R.T. -0.001 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

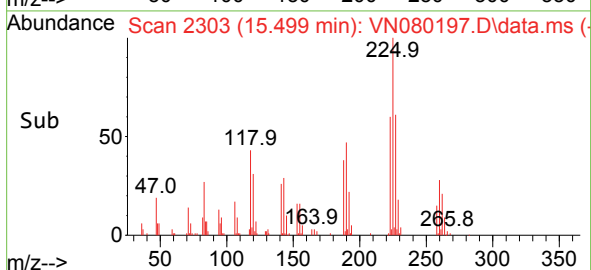
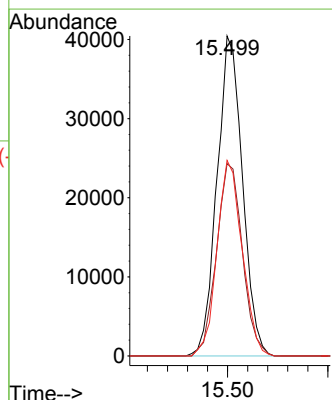
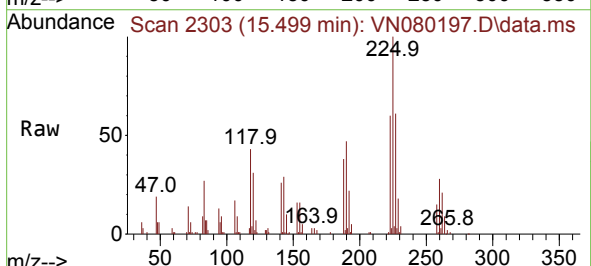
Tgt Ion:225 Resp: 71346

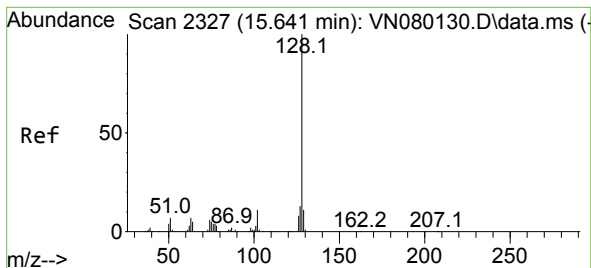
Ion Ratio Lower Upper

225 100

223 61.2 31.3 93.8

227 60.3 31.9 95.9





#95

Naphthalene

Concen: 43.973 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

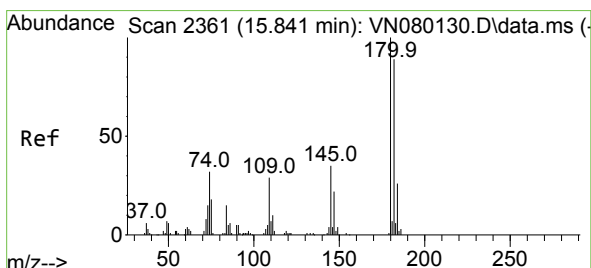
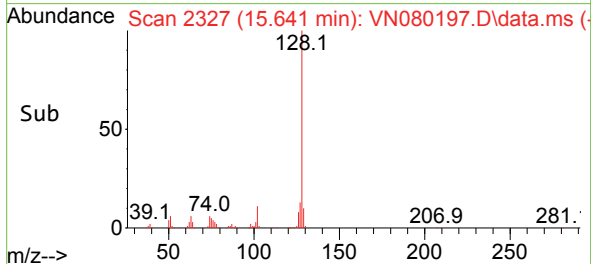
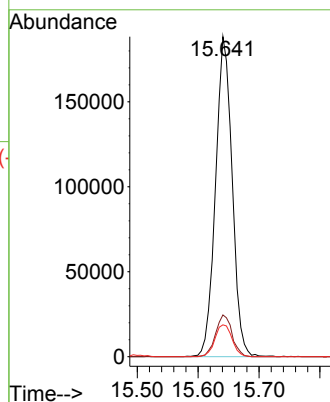
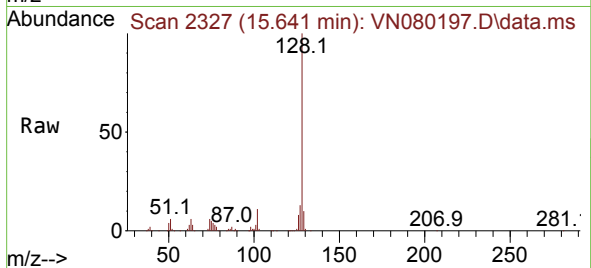
Tgt Ion:128 Resp: 357092

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.916 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080197.D

Acq: 20 Nov 2023 10:40

Tgt Ion:180 Resp: 125773

Ion Ratio Lower Upper

180 100

182 95.8 46.2 138.6

145 36.2 17.5 52.6

