

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080324.D
 Acq On : 01 Dec 2023 16:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:35:56 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	8.224	168	216238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167973	47.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.100%
35) Dibromofluoromethane	8.165	113	124198	51.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.571	98	435171	49.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.853	95	166901	50.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	163949	50.900	ug/l	97
3) Chloromethane	2.365	50	106791	44.098	ug/l	99
4) Vinyl Chloride	2.518	62	122513	47.805	ug/l	97
5) Bromomethane	2.947	94	81078	46.603	ug/l	95
6) Chloroethane	3.118	64	81405	51.474	ug/l	99
7) Trichlorofluoromethane	3.500	101	283928	53.110	ug/l	99
8) Diethyl Ether	3.959	74	75762	48.729	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	124852	51.095	ug/l	94
10) Methyl Iodide	4.589	142	144269	54.632	ug/l #	85
11) Tert butyl alcohol	5.518	59	90584	230.707	ug/l	97
12) 1,1-Dichloroethene	4.342	96	117023	51.203	ug/l	84
13) Acrolein	4.177	56	97916	281.791	ug/l	99
14) Allyl chloride	5.018	41	137161	47.701	ug/l	91
15) Acrylonitrile	5.718	53	235916	223.820	ug/l	99
16) Acetone	4.424	43	221940	185.070	ug/l	93
17) Carbon Disulfide	4.712	76	320337	46.941	ug/l	99
18) Methyl Acetate	5.024	43	158824	41.220	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	413488	51.230	ug/l	99
20) Methylene Chloride	5.283	84	131968	52.549	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	128639	51.234	ug/l	87
22) Diisopropyl ether	6.671	45	315611	49.610	ug/l	98
23) Vinyl Acetate	6.600	43	911858	238.416	ug/l	96
24) 1,1-Dichloroethane	6.571	63	226865	48.961	ug/l	97
25) 2-Butanone	7.482	43	281942	197.879	ug/l	96
26) 2,2-Dichloropropane	7.494	77	240050	52.218	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	144804	50.869	ug/l	88
28) Bromochloromethane	7.818	49	82732	45.417	ug/l	98
29) Tetrahydrofuran	7.835	42	166068	217.097	ug/l	96
30) Chloroform	7.965	83	277148	53.514	ug/l	94
31) Cyclohexane	8.259	56	168318	43.348	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	271496	53.755	ug/l	98
36) 1,1-Dichloropropene	8.371	75	192206	54.698	ug/l	97
37) Ethyl Acetate	7.559	43	108015	44.316	ug/l	97
38) Carbon Tetrachloride	8.365	117	250032	56.071	ug/l	98
39) Methylcyclohexane	9.606	83	186267	54.976	ug/l	93
40) Benzene	8.612	78	525026	52.571	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60923	45.515	ug/l	93
42) 1,2-Dichloroethane	8.671	62	226084	55.333	ug/l	95
43) Isopropyl Acetate	8.688	43	195432	41.203	ug/l	98
44) Trichloroethene	9.353	130	142775	54.500	ug/l	92
45) 1,2-Dichloropropane	9.624	63	120933	52.106	ug/l	96
46) Dibromomethane	9.712	93	93953	53.478	ug/l #	88
47) Bromodichloromethane	9.888	83	214035	55.384	ug/l	96
48) Methyl methacrylate	9.682	41	121093	49.541	ug/l	93
49) 1,4-Dioxane	9.694	88	37257	916.219	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	567534	231.117	ug/l	100
52) Toluene	10.629	92	345854	55.336	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	212892	53.618	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	223955	55.209	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	124322	52.116	ug/l	98
56) Ethyl methacrylate	10.876	69	130513	53.556	ug/l	94
57) 1,3-Dichloropropane	11.165	76	216561	51.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	327078	238.237	ug/l	100
59) 2-Hexanone	11.194	43	418024	211.848	ug/l	97
60) Dibromochloromethane	11.359	129	161643	56.599	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126690	52.059	ug/l	99
64) Tetrachloroethene	11.106	164	150350	65.848	ug/l	98
65) Chlorobenzene	11.894	112	358421	52.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	148515	56.452	ug/l	94
67) Ethyl Benzene	11.965	91	673459	55.826	ug/l	94
68) m/p-Xylenes	12.070	106	498655	113.371	ug/l	89
69) o-Xylene	12.400	106	238522	57.542	ug/l	87
70) Styrene	12.412	104	354654	57.483	ug/l	92
71) Bromoform	12.582	173	105767	54.212	ug/l #	100
73) Isopropylbenzene	12.694	105	626840	54.433	ug/l	98
74) N-amyl acetate	12.494	43	162100	45.138	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	147164	42.698	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	222256	61.210	ug/l	77
77) Bromobenzene	12.982	156	150792	51.937	ug/l	94
78) n-propylbenzene	13.035	91	699727	54.338	ug/l	100
79) 2-Chlorotoluene	13.129	91	444751	53.176	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	540932	53.961	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	49937	46.465	ug/l #	87
82) 4-Chlorotoluene	13.223	91	452384	52.798	ug/l	96
83) tert-Butylbenzene	13.441	119	430961	53.609	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	545493	55.263	ug/l	95
85) sec-Butylbenzene	13.617	105	550456	54.128	ug/l	98
86) p-Isopropyltoluene	13.729	119	519552	57.192	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	268869	51.400	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	267617	50.908	ug/l	98
89) n-Butylbenzene	14.059	91	407661	53.614	ug/l	99
90) Hexachloroethane	14.335	117	88308	49.863	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	252783	50.499	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34080	42.570	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	136079	46.741	ug/l	96
94) Hexachlorobutadiene	15.506	225	82204	49.065	ug/l	99
95) Naphthalene	15.641	128	347997	41.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	127546	46.740	ug/l	99

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

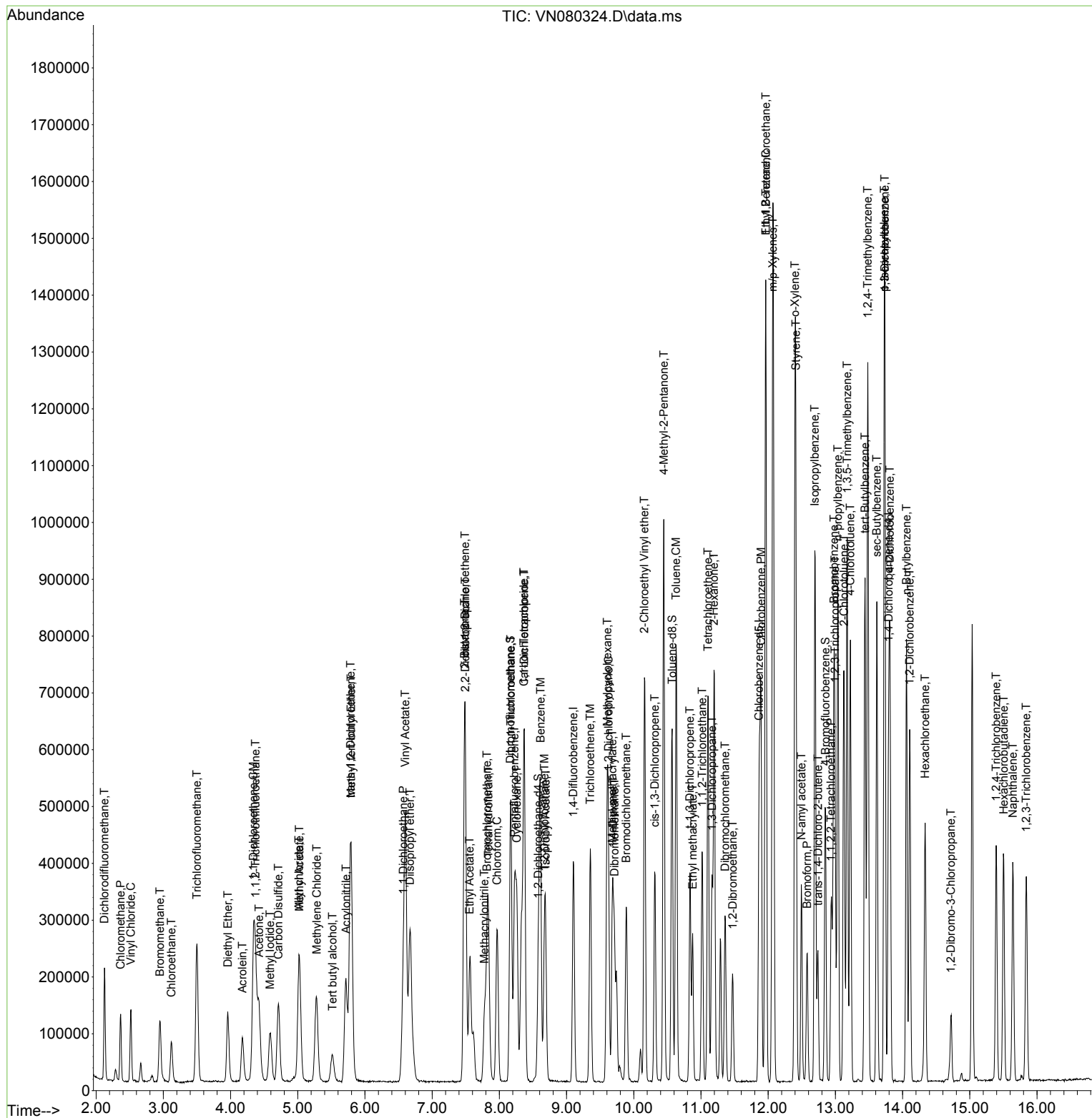
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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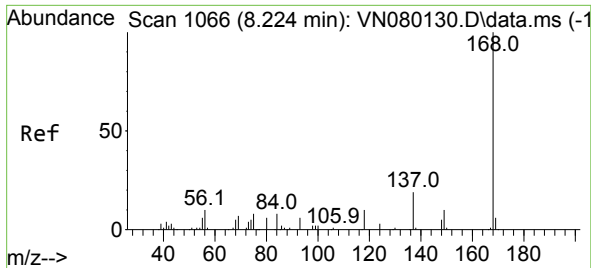
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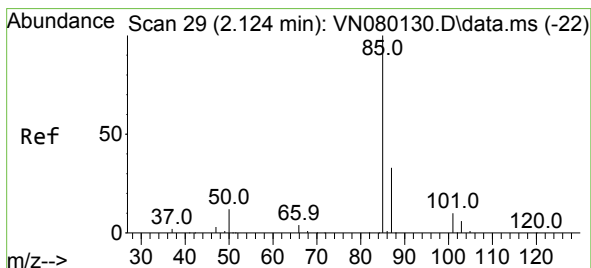
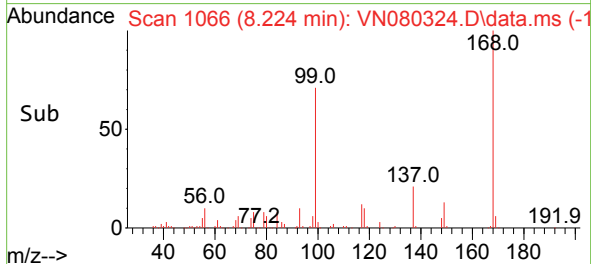
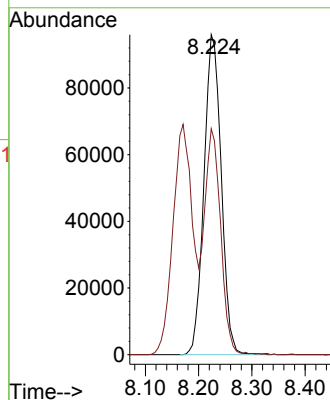
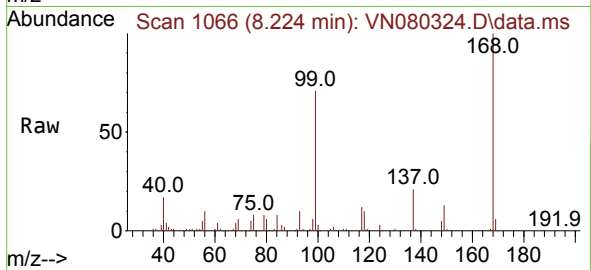




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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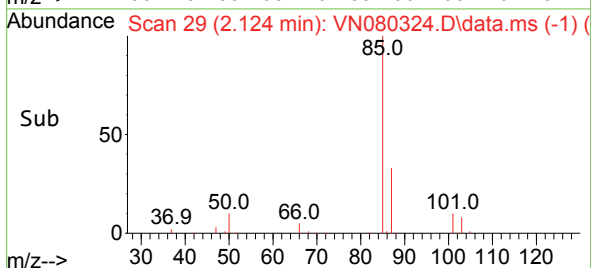
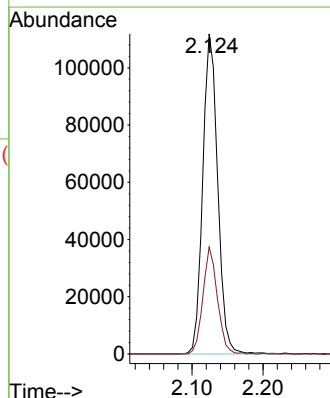
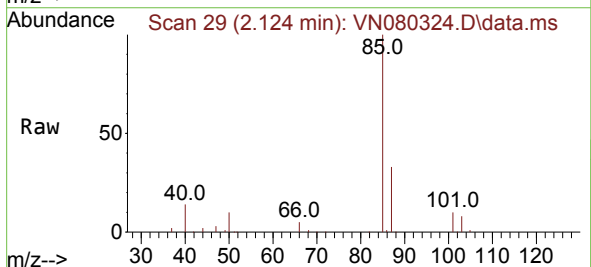
Instrument :
MSVOA_N
ClientSampleId :

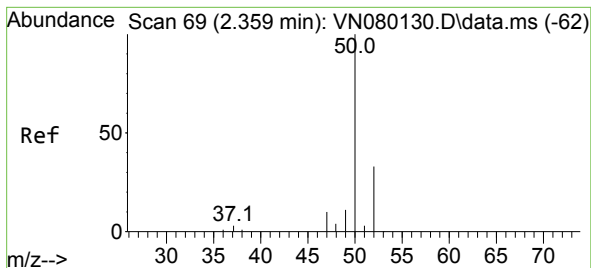
Tgt Ion:168 Resp: 216238
Ion Ratio Lower Upper
168 100
99 70.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 50.900 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 85 Resp: 163949
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3

Chloromethane

Concen: 44.098 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

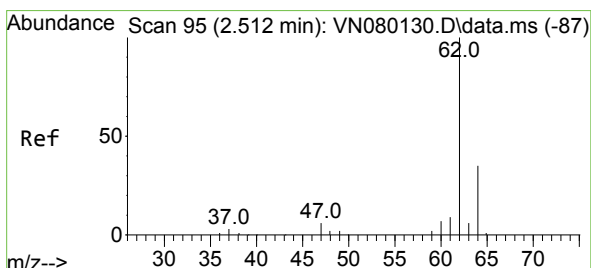
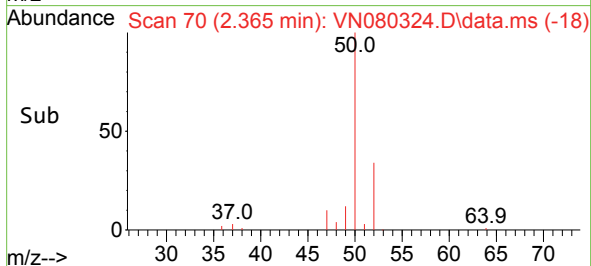
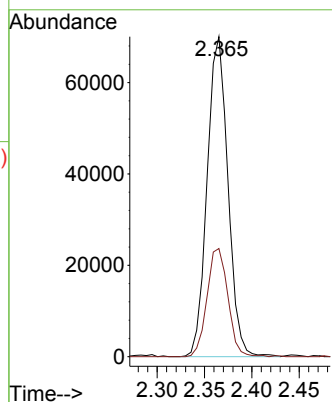
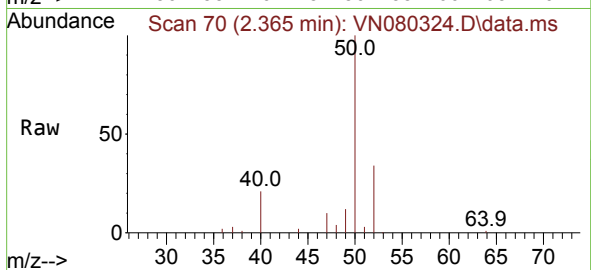
ClientSampleId :

Tgt Ion: 50 Resp: 106791

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 47.805 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN080324.D

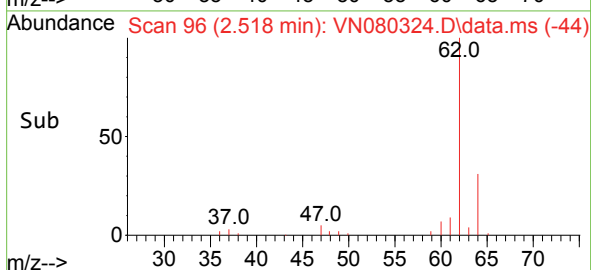
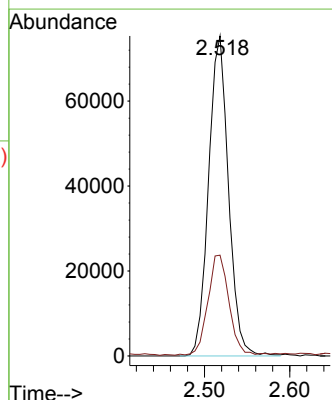
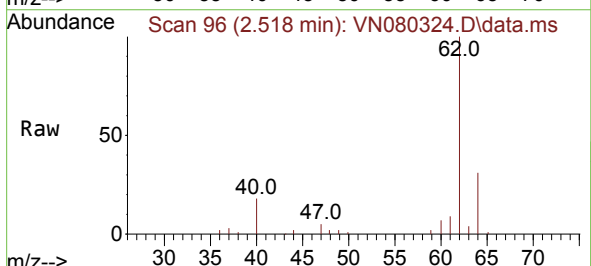
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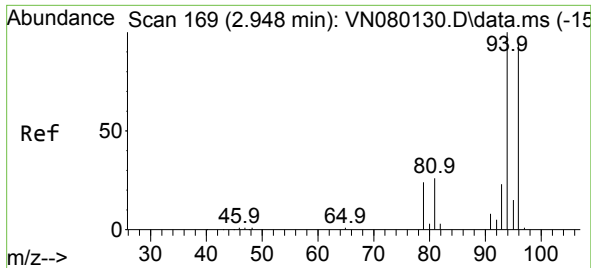
Tgt Ion: 62 Resp: 122513

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.2

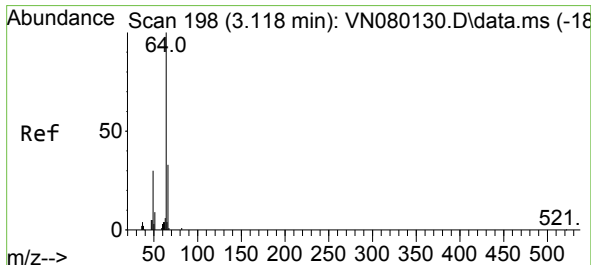
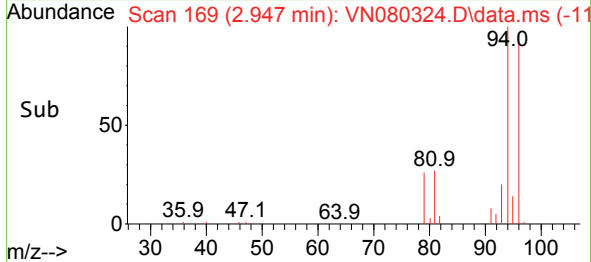
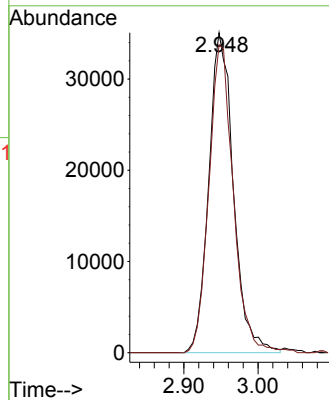
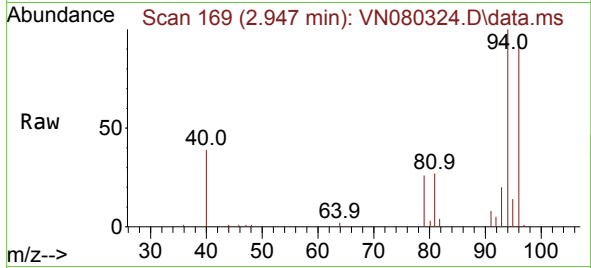




#5
Bromomethane
Concen: 46.603 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080324.D
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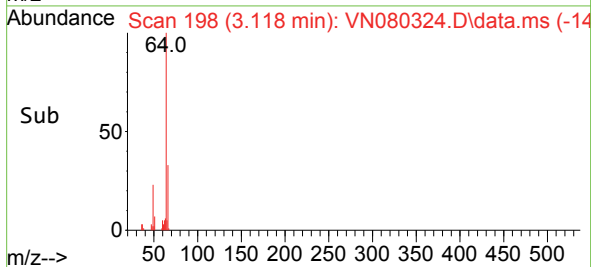
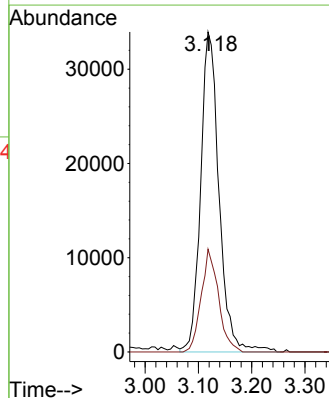
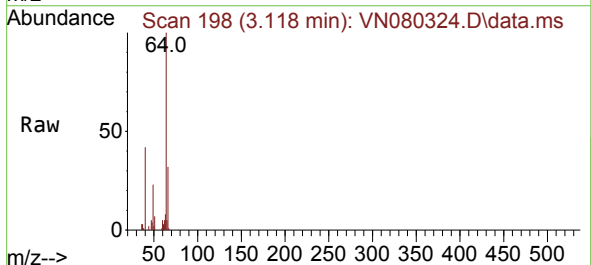
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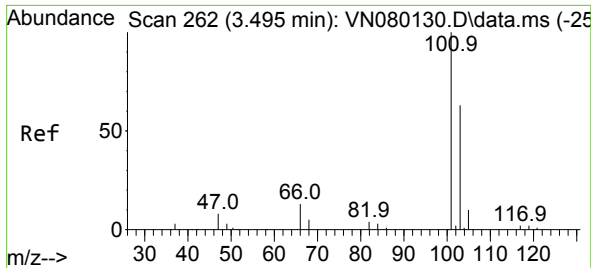
Tgt Ion: 94 Resp: 81078
Ion Ratio Lower Upper
94 100
96 96.3 73.1 109.7



#6
Chloroethane
Concen: 51.474 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 64 Resp: 81405
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

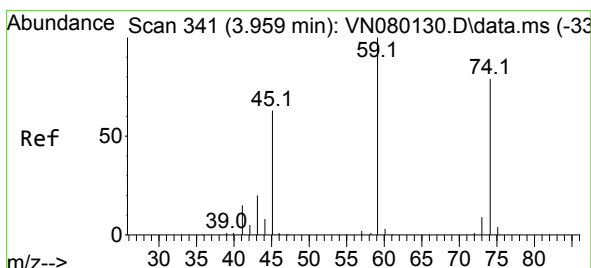
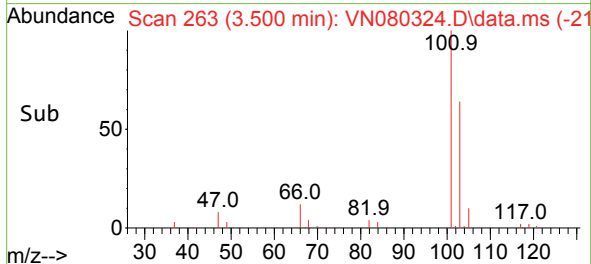
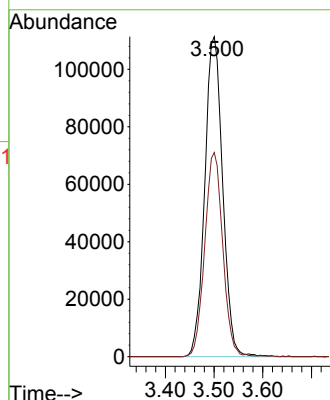
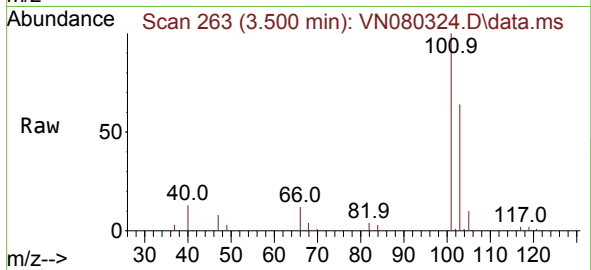




#7
Trichlorofluoromethane
Concen: 53.110 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

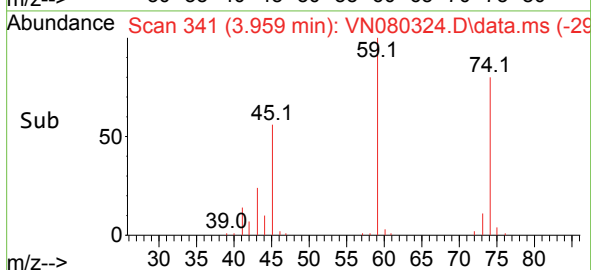
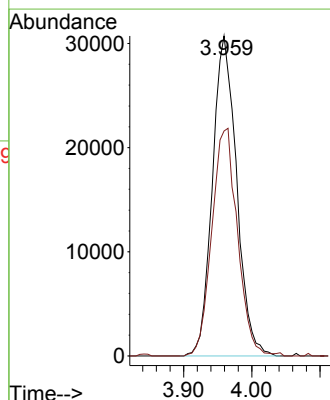
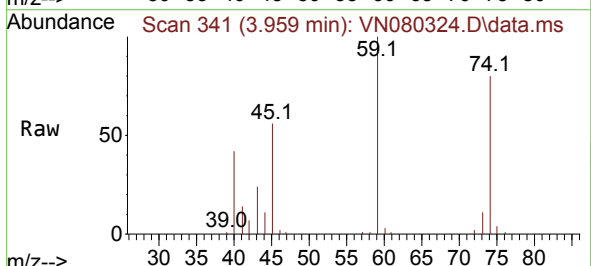
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 283928
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1



#8
Diethyl Ether
Concen: 48.729 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080324.D
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Tgt Ion: 74 Resp: 75762
Ion Ratio Lower Upper
74 100
45 75.6 34.4 103.3

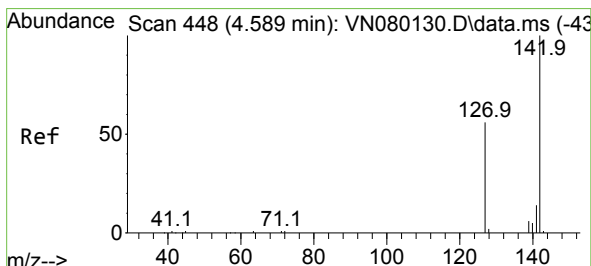
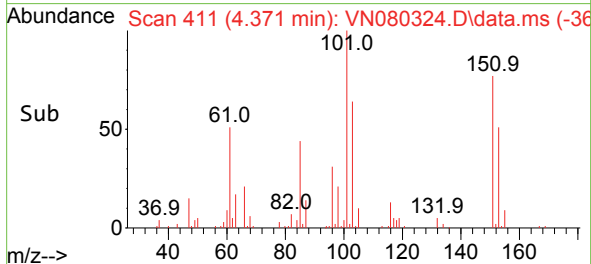
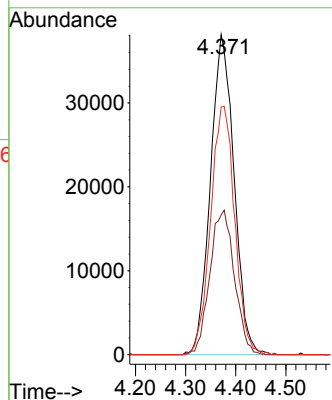
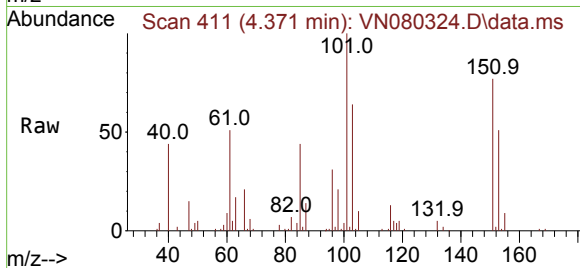




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.095 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

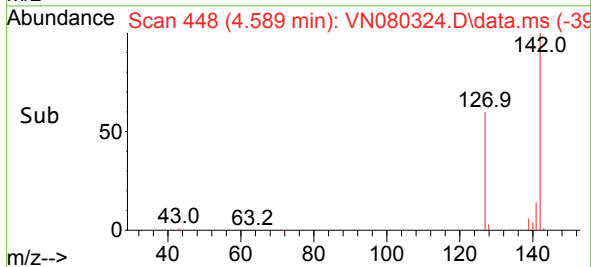
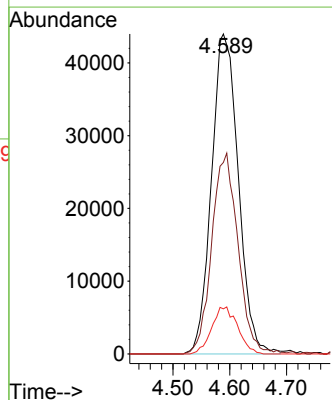
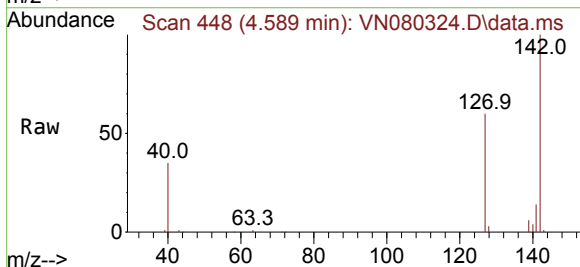
Instrument :
MSVOA_N
ClientSampleId :

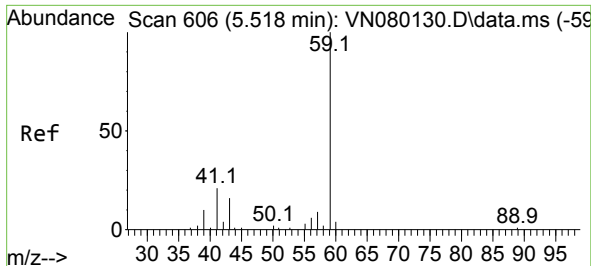
Tgt Ion:101 Resp: 124852
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 79.1 57.6 86.4



#10
Methyl Iodide
Concen: 54.632 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

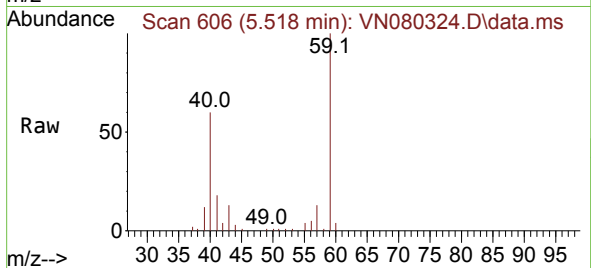
Tgt Ion:142 Resp: 144269
Ion Ratio Lower Upper
142 100
127 59.9 37.6 56.4#
141 14.1 11.4 17.0



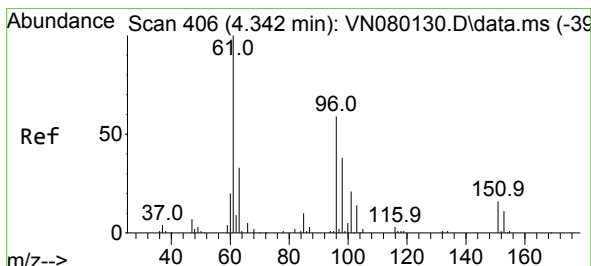
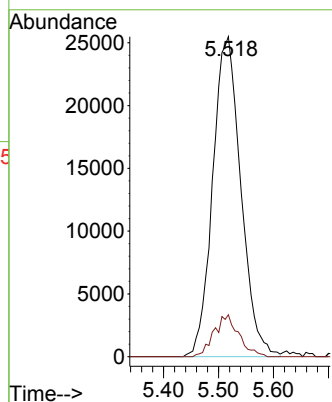
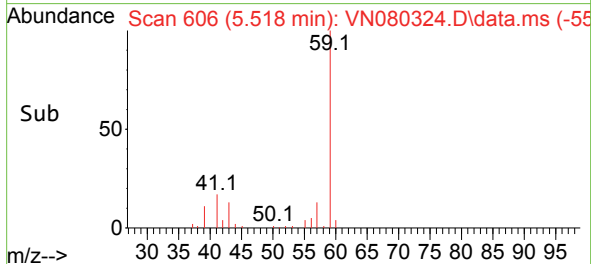


#11
Tert butyl alcohol
Concen: 230.707 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

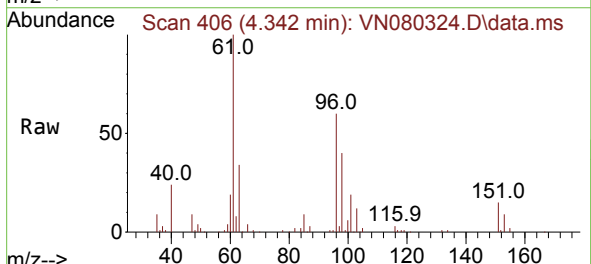
Instrument :
MSVOA_N
ClientSampleId :



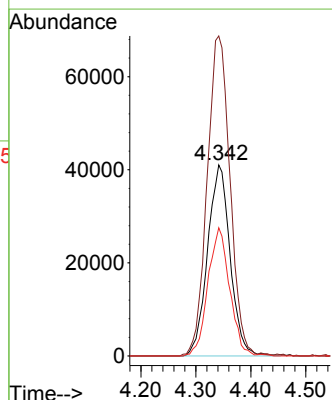
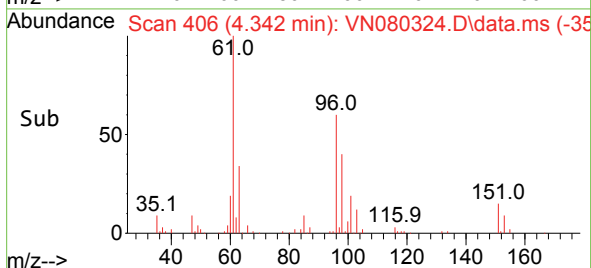
Tgt Ion: 59 Resp: 90584
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4

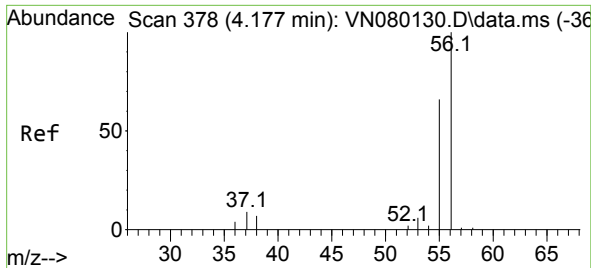


#12
1,1-Dichloroethene
Concen: 51.203 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34



Tgt Ion: 96 Resp: 117023
Ion Ratio Lower Upper
96 100
61 167.5 112.7 169.1
98 67.1 51.2 76.8





#13

Acrolein

Concen: 281.791 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

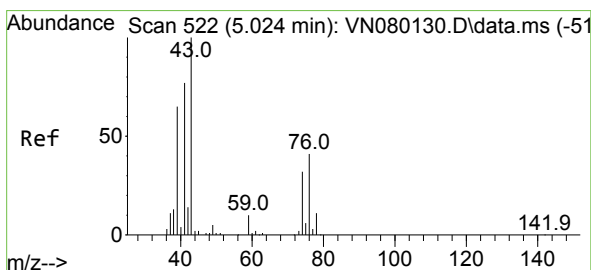
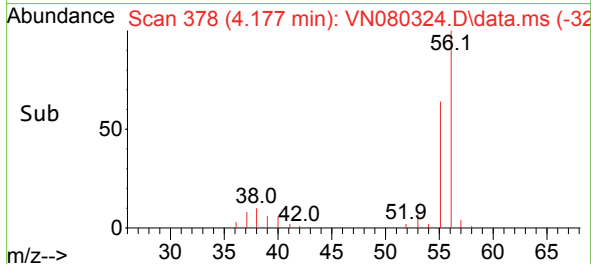
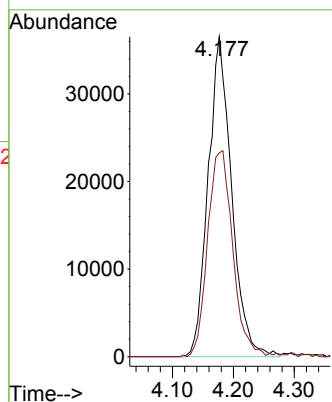
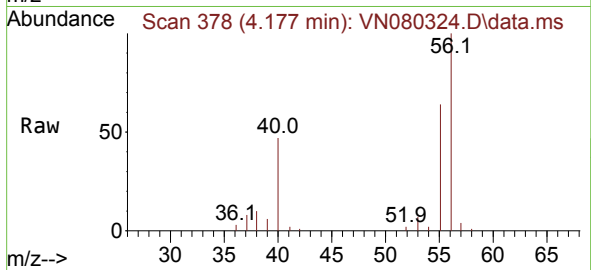
ClientSampleId :

Tgt Ion: 56 Resp: 97916

Ion Ratio Lower Upper

56 100

55 68.7 54.5 81.7



#14

Allyl chloride

Concen: 47.701 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

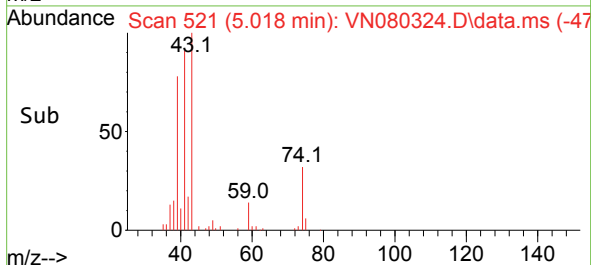
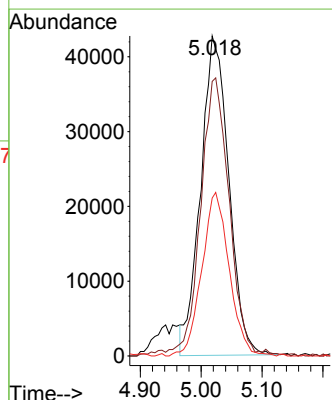
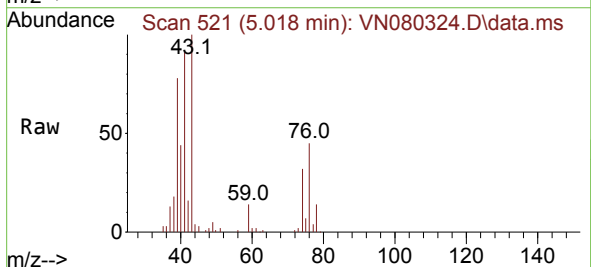
Tgt Ion: 41 Resp: 137161

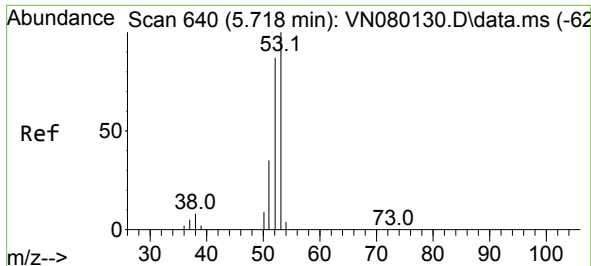
Ion Ratio Lower Upper

41 100

39 85.8 58.8 88.2

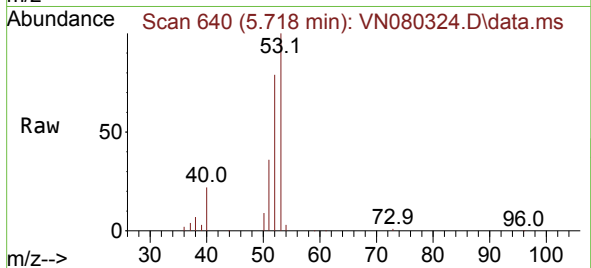
76 49.8 39.1 58.7



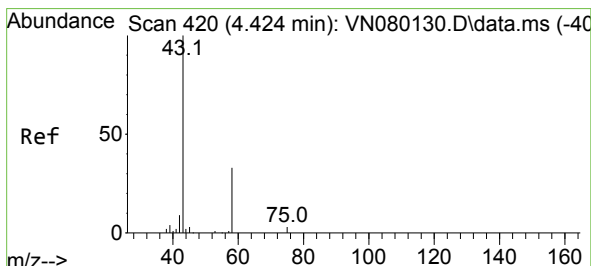
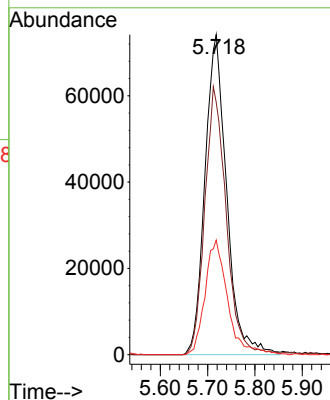
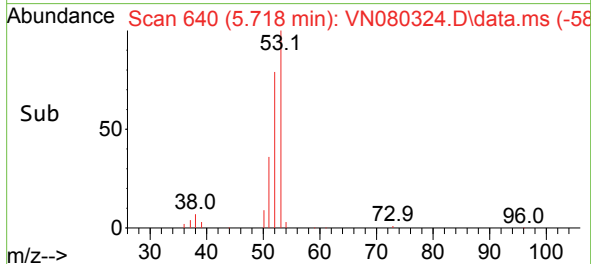


#15
Acrylonitrile
Concen: 223.820 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

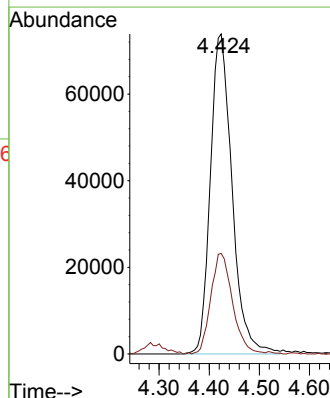
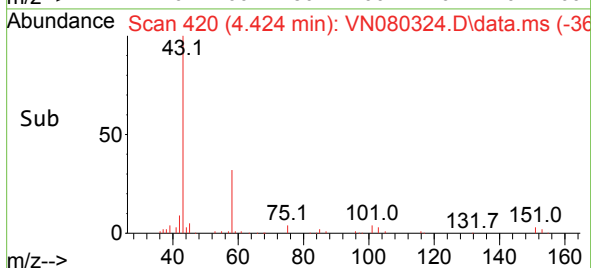
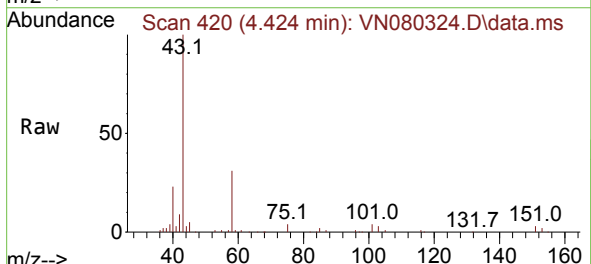


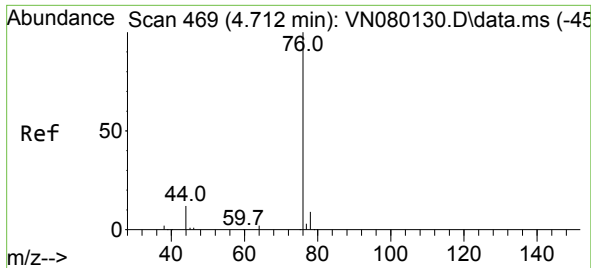
Tgt Ion: 53 Resp: 235916
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 185.070 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 43 Resp: 221940
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

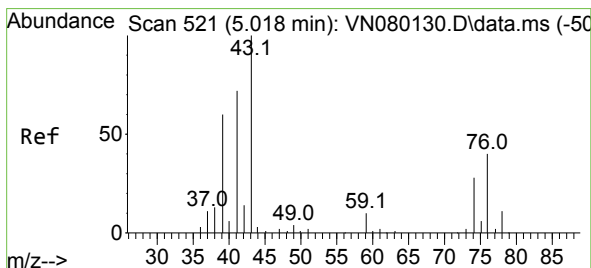
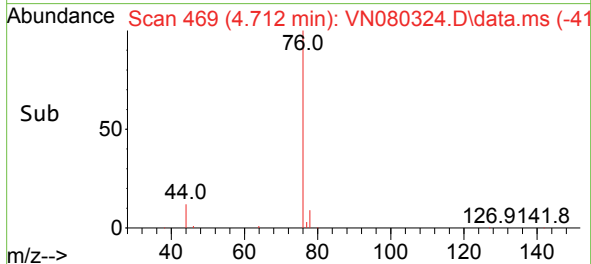
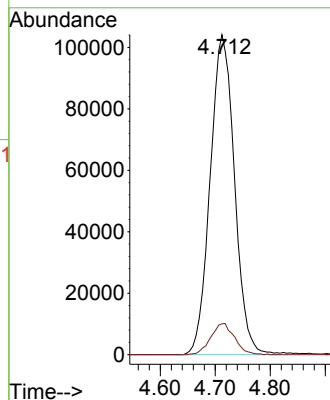
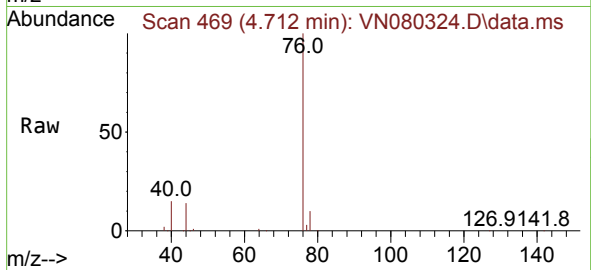




#17
Carbon Disulfide
Concen: 46.941 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

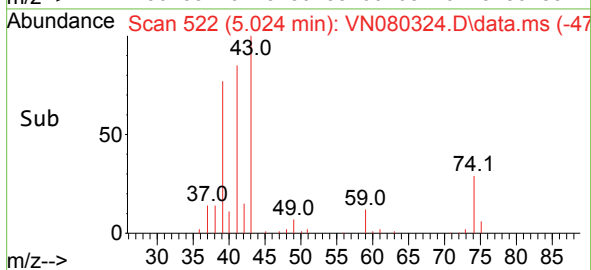
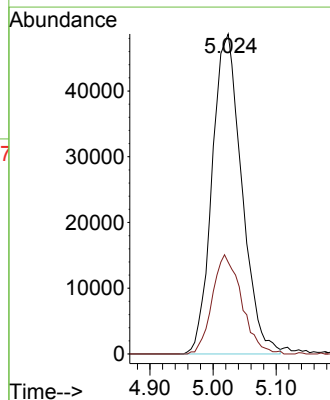
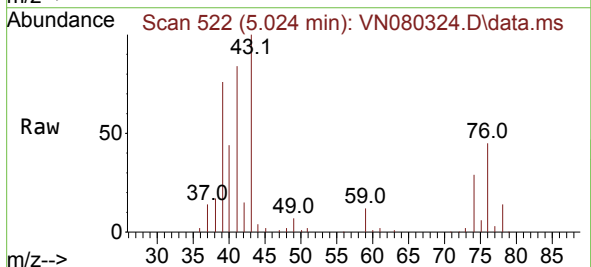
Instrument :
MSVOA_N
ClientSampleId :

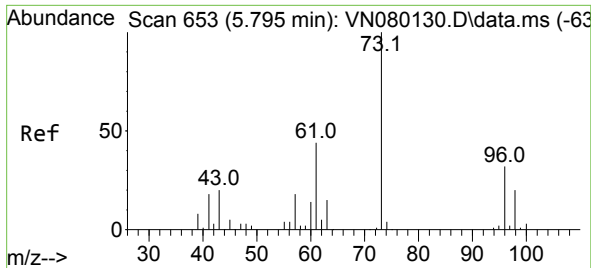
Tgt Ion: 76 Resp: 320337
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 41.220 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 43 Resp: 158824
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4

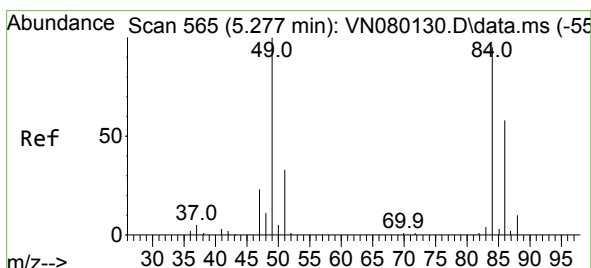
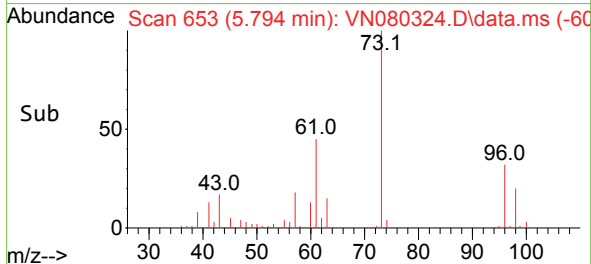
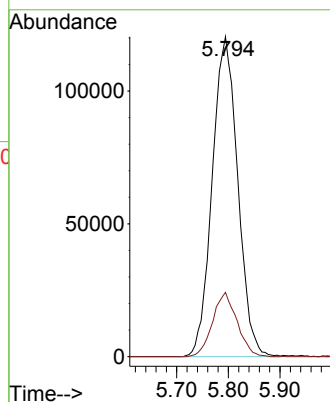
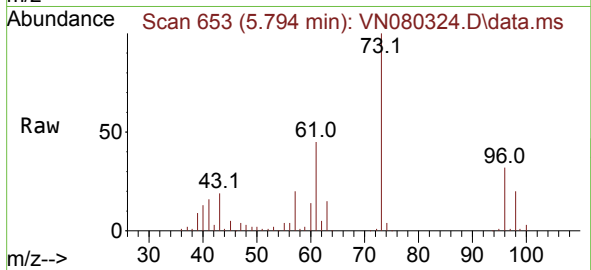




#19
Methyl tert-butyl Ether
Concen: 51.230 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

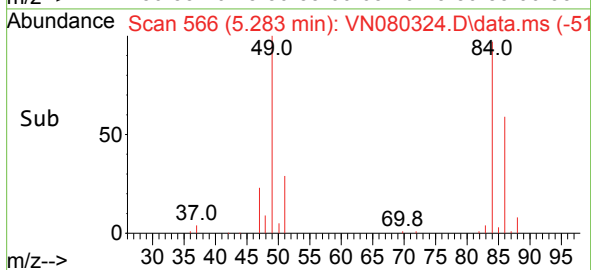
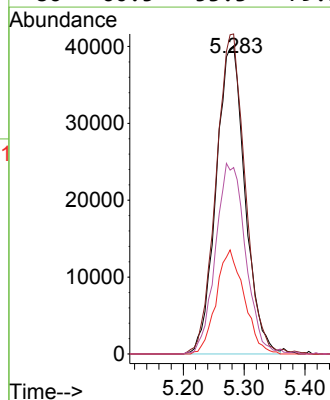
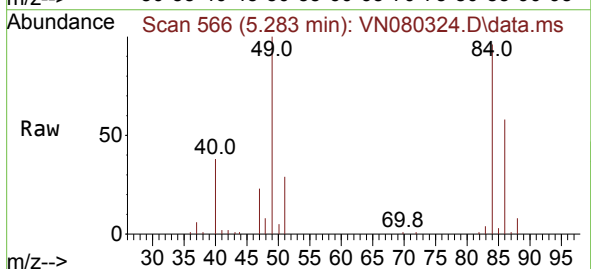
Instrument :
MSVOA_N
ClientSampleId :

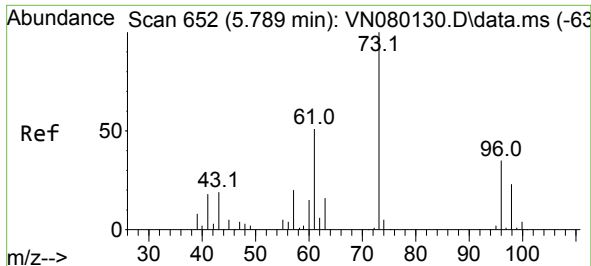
Tgt Ion: 73 Resp: 413488
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 52.549 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

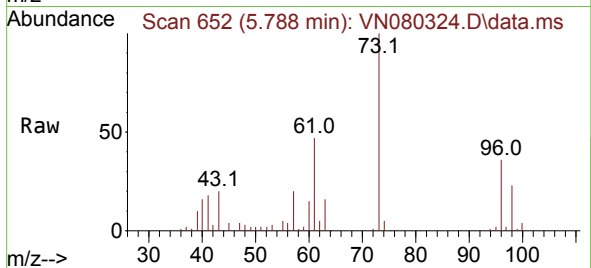
Tgt Ion: 84 Resp: 131968
Ion Ratio Lower Upper
84 100
49 103.9 79.7 119.5
51 29.8 25.2 37.8
86 60.5 53.3 79.9



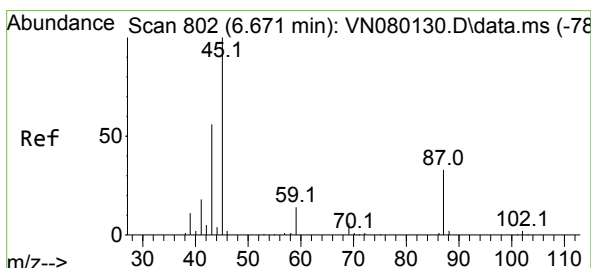
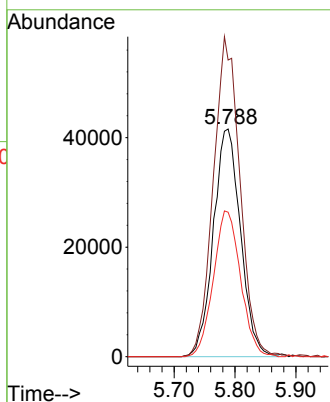
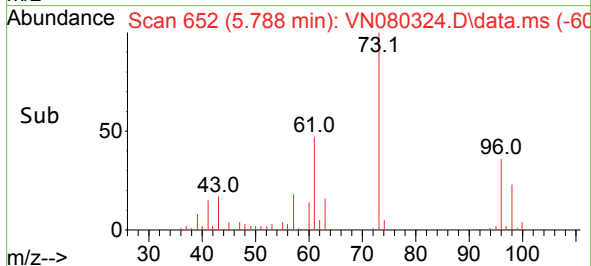


#21
trans-1,2-Dichloroethene
Concen: 51.234 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

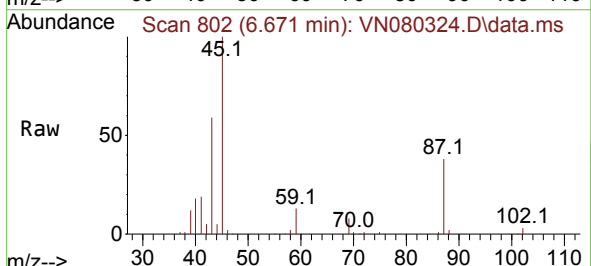
Instrument :
MSVOA_N
ClientSampleId :



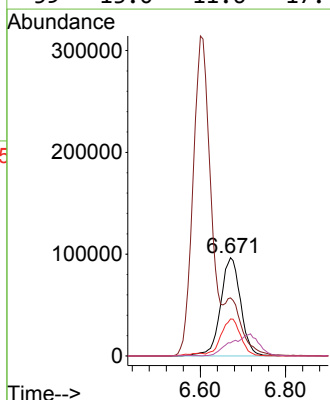
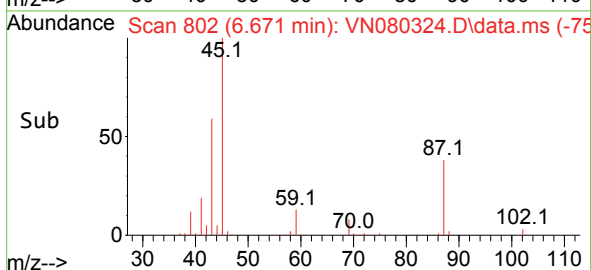
Tgt Ion: 96 Resp: 128639
Ion Ratio Lower Upper
96 100
61 130.2 90.1 135.1
98 63.4 46.4 69.6

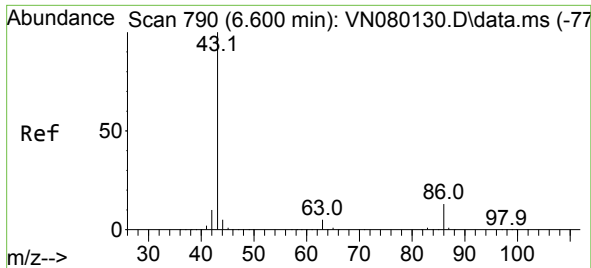


#22
Diisopropyl ether
Concen: 49.610 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34



Tgt Ion: 45 Resp: 315611
Ion Ratio Lower Upper
45 100
43 57.9 45.5 68.3
87 37.6 31.8 47.8
59 13.0 11.6 17.4

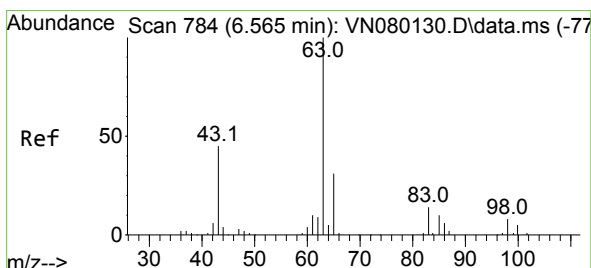
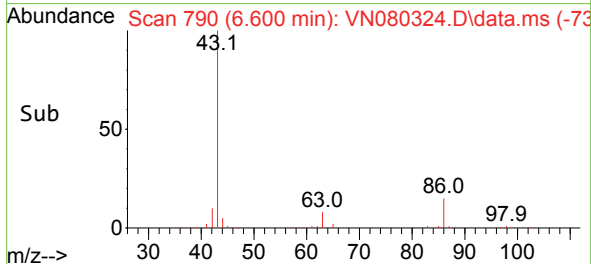
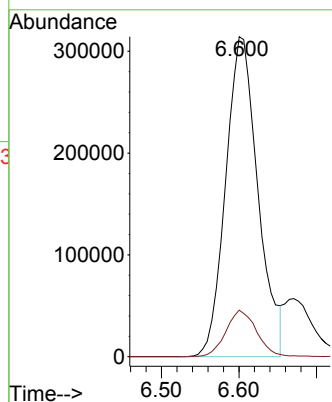
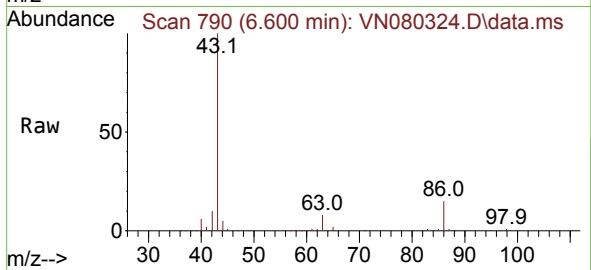




#23
 Vinyl Acetate
 Concen: 238.416 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

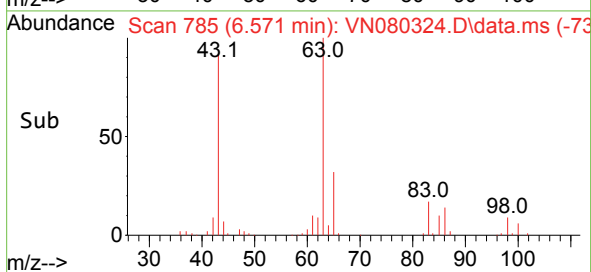
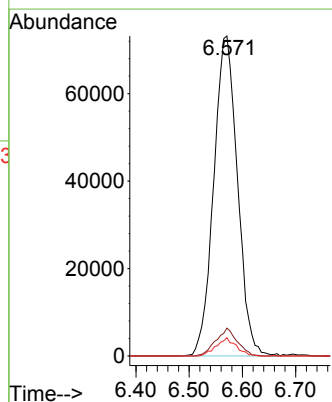
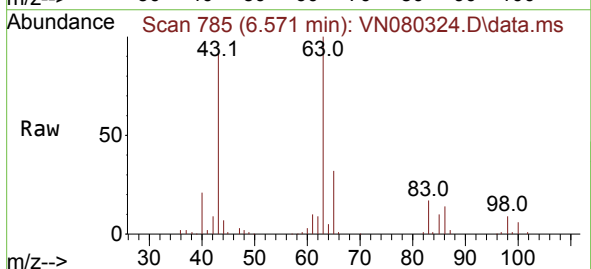
Instrument :
 MSVOA_N
 ClientSampleId :

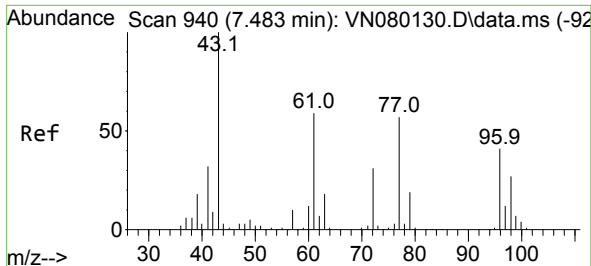
Tgt Ion: 43 Resp: 911858
 Ion Ratio Lower Upper
 43 100
 86 14.5 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 48.961 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion: 63 Resp: 226865
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.7 2.5 7.4





#25

2-Butanone

Concen: 197.879 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

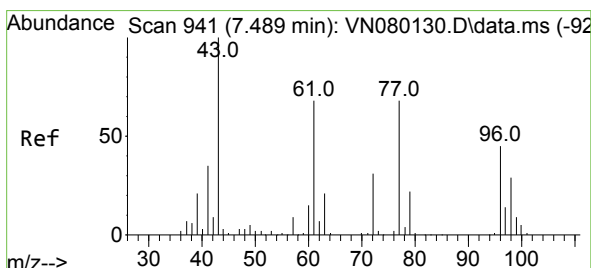
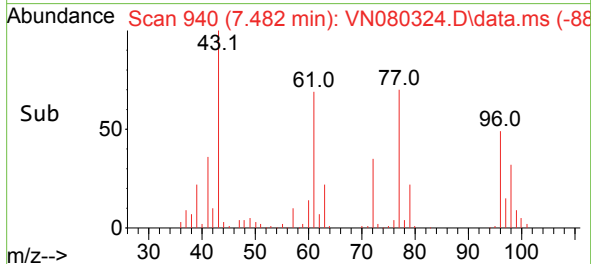
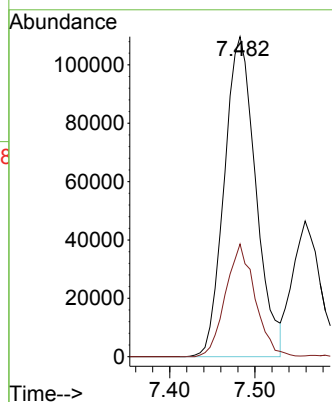
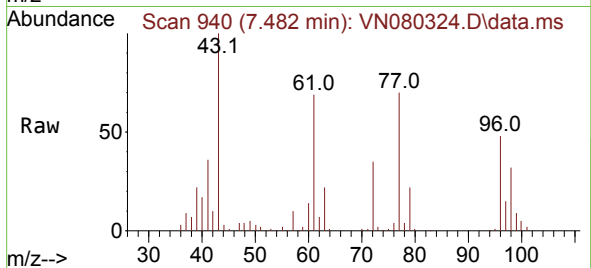
ClientSampleId :

Tgt Ion: 43 Resp: 281942

Ion Ratio Lower Upper

43 100

72 35.2 30.2 45.2



#26

2,2-Dichloropropane

Concen: 52.218 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080324.D

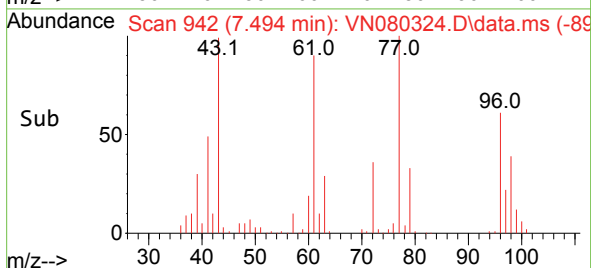
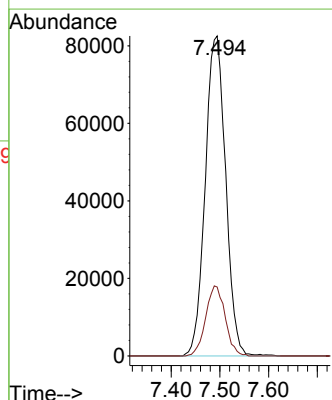
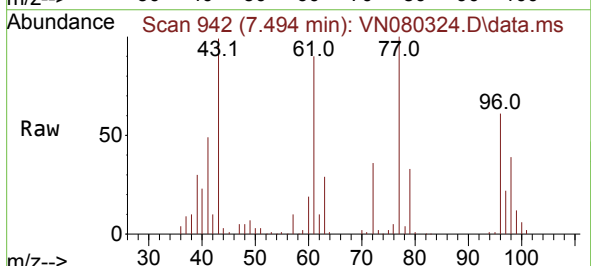
Acq: 01 Dec 2023 16:34

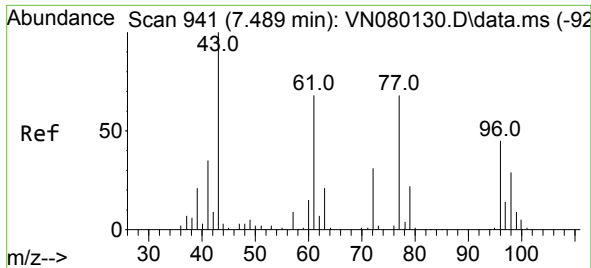
Tgt Ion: 77 Resp: 240050

Ion Ratio Lower Upper

77 100

97 20.8 11.2 33.6

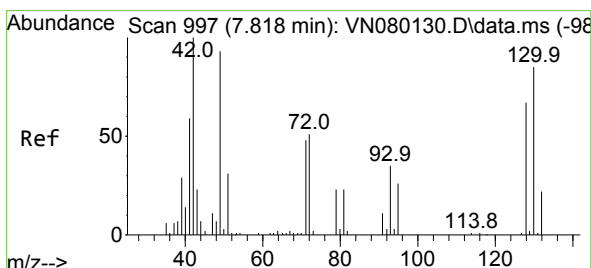
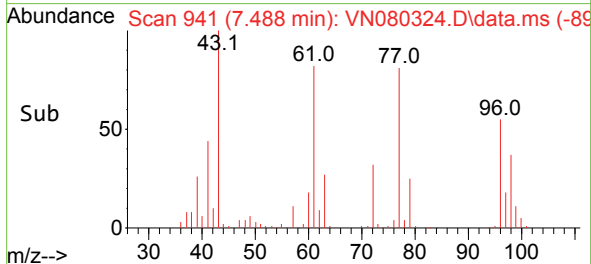
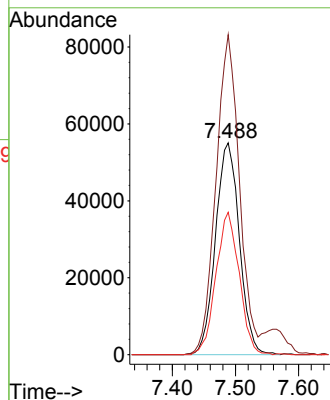
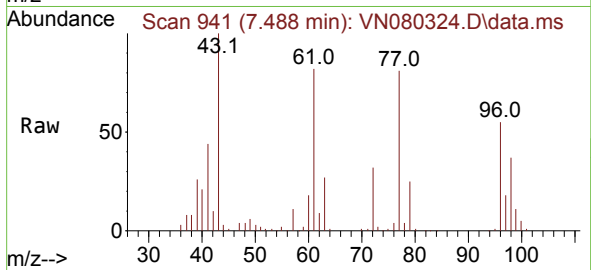




#27
 cis-1,2-Dichloroethene
 Concen: 50.869 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

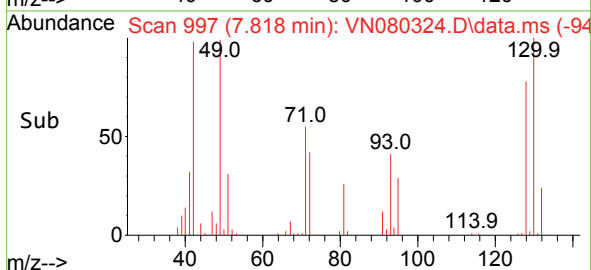
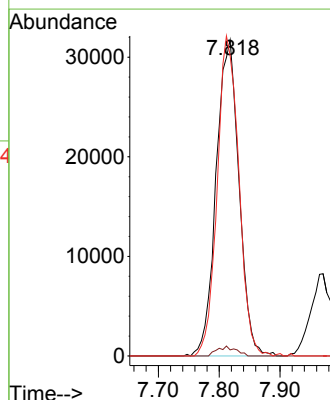
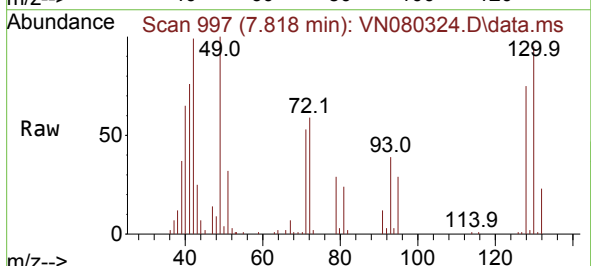
Instrument :
 MSVOA_N
 ClientSampleId :

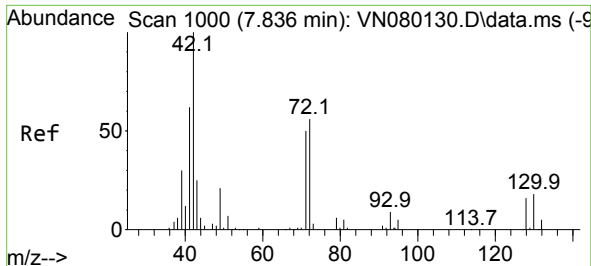
Tgt Ion: 96 Resp: 144804
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.417 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion: 49 Resp: 82732
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 95.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 217.097 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

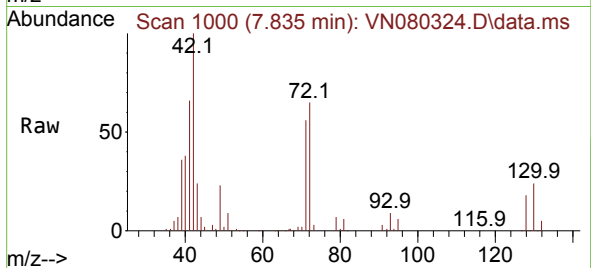
Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :



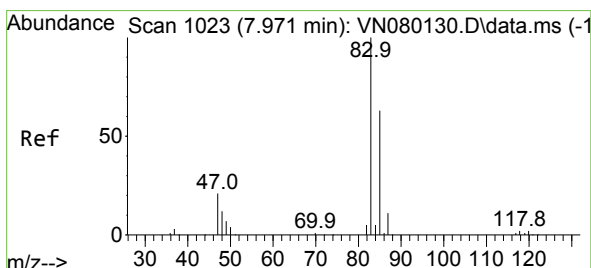
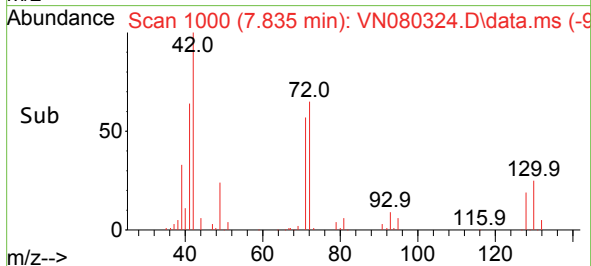
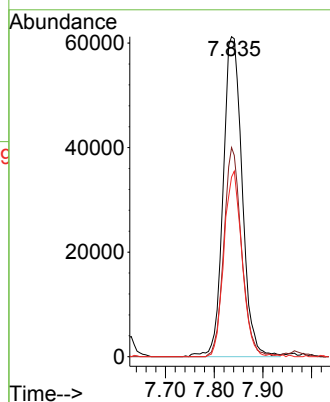
Tgt Ion: 42 Resp: 166068

Ion Ratio Lower Upper

42 100

72 60.8 49.8 74.6

71 55.1 47.4 71.2



#30

Chloroform

Concen: 53.514 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080324.D

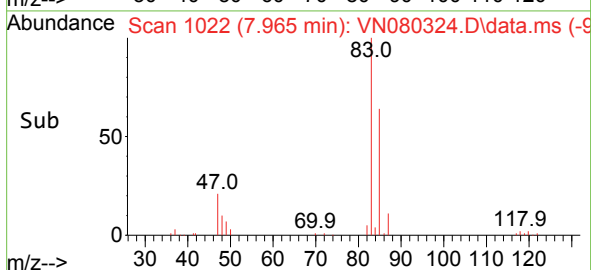
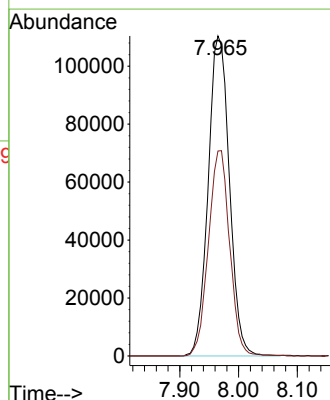
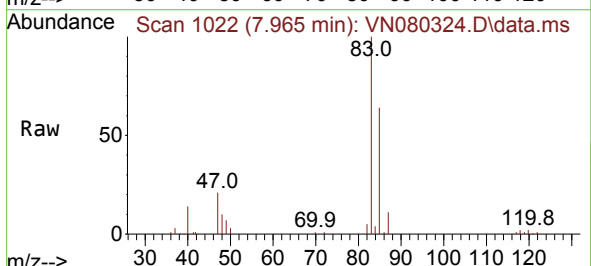
Acq: 01 Dec 2023 16:34

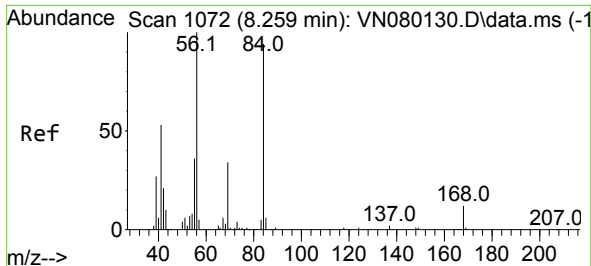
Tgt Ion: 83 Resp: 277148

Ion Ratio Lower Upper

83 100

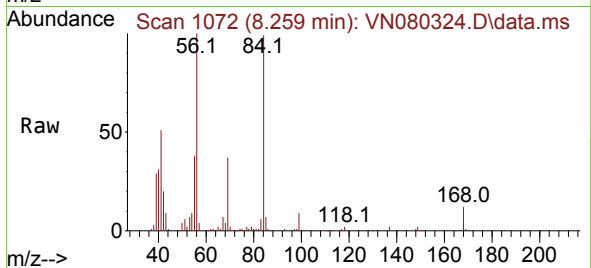
85 64.0 55.4 83.0



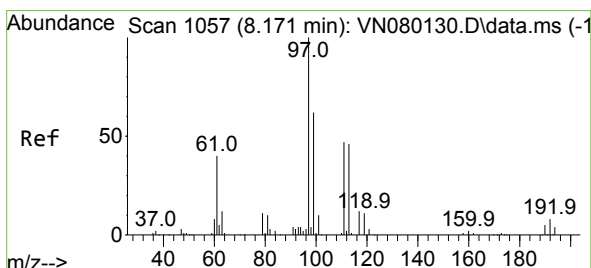
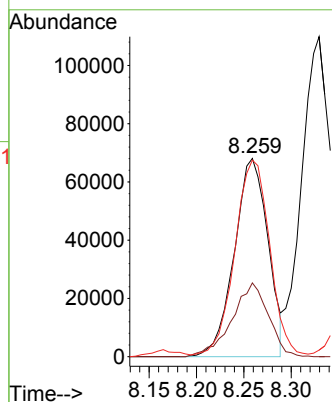
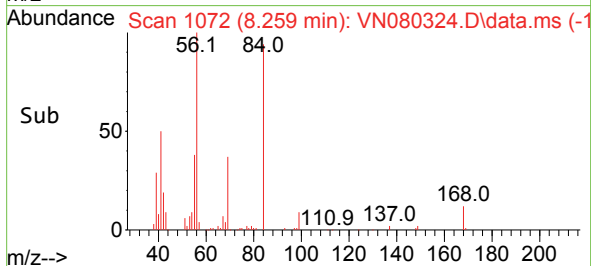


#31
Cyclohexane
Concen: 43.348 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

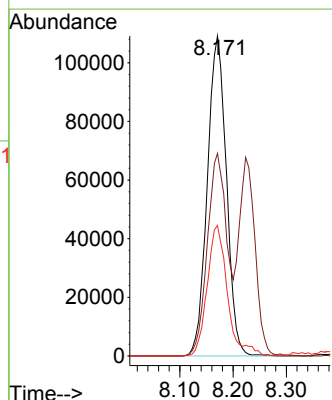
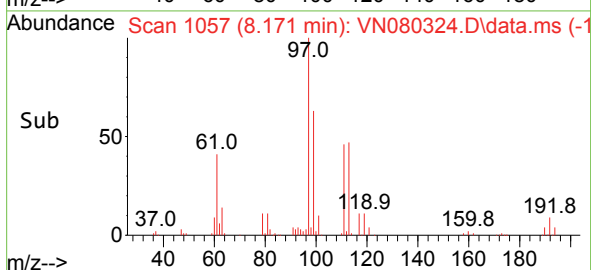
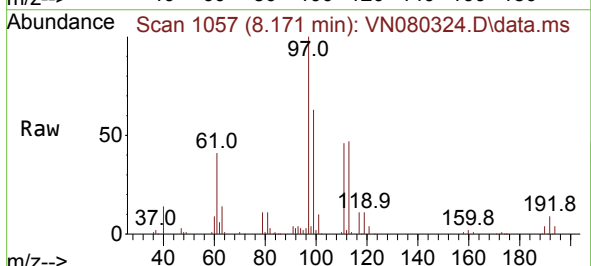


Tgt Ion: 56 Resp: 168318
Ion Ratio Lower Upper
56 100
69 37.2 26.8 40.2
84 97.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.755 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 97 Resp: 271496
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 43.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

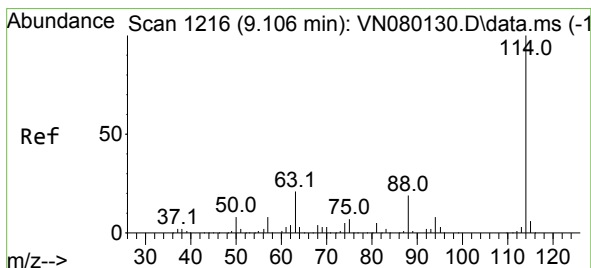
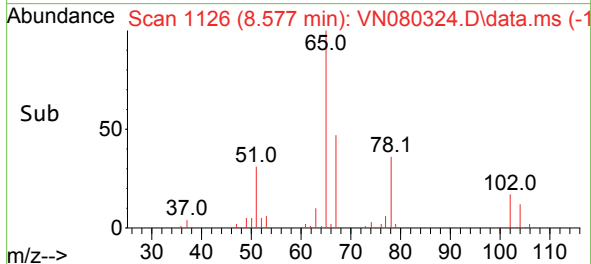
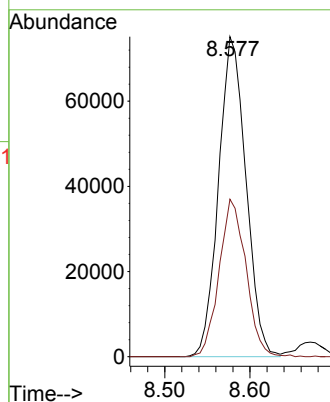
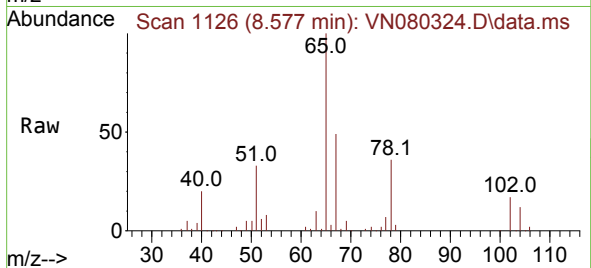
ClientSampleId :

Tgt Ion: 65 Resp: 167973

Ion Ratio Lower Upper

65 100

67 48.3 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: VN080324.D

Acq: 01 Dec 2023 16:34

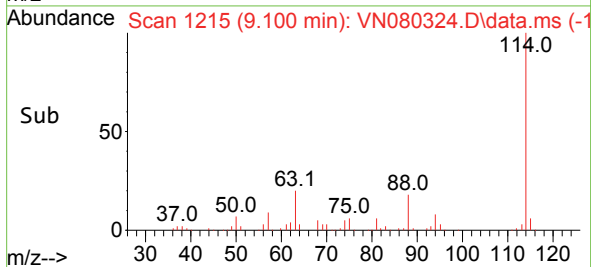
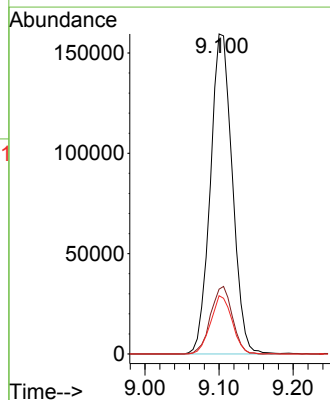
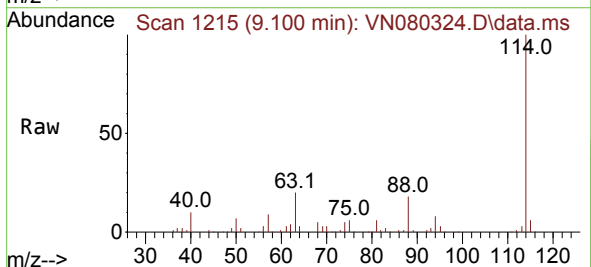
Tgt Ion: 114 Resp: 328931

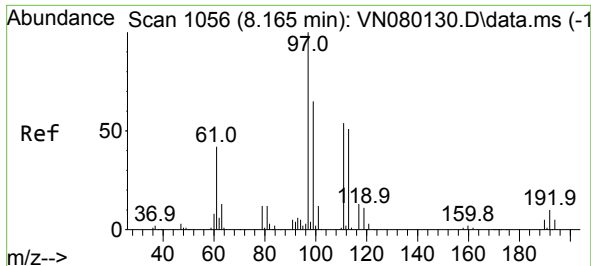
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.172 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

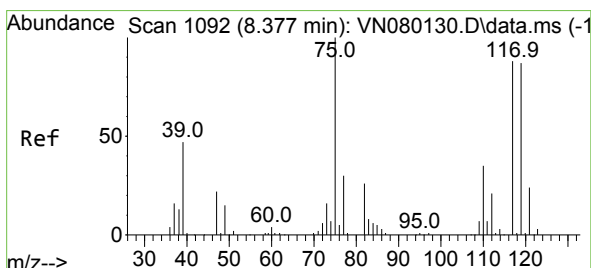
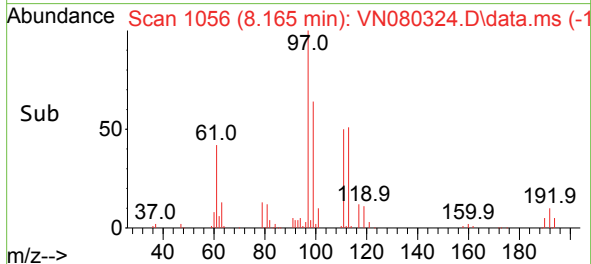
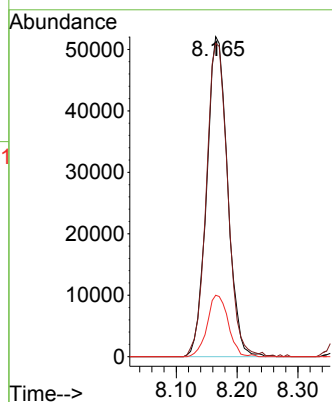
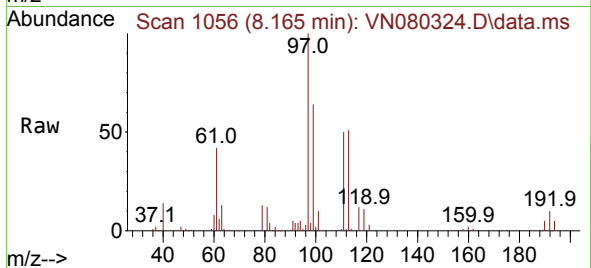
Tgt Ion:113 Resp: 124198

Ion Ratio Lower Upper

113 100

111 100.0 82.6 123.8

192 19.3 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 54.698 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

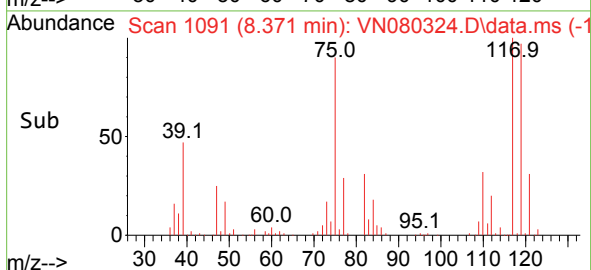
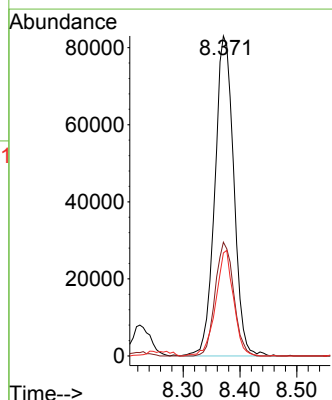
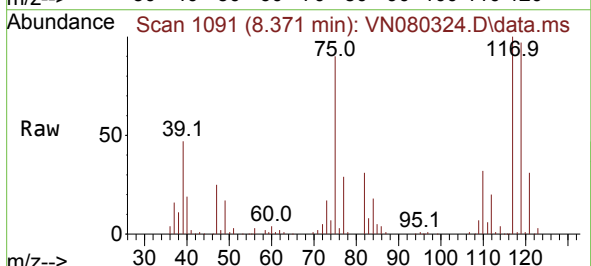
Tgt Ion: 75 Resp: 192206

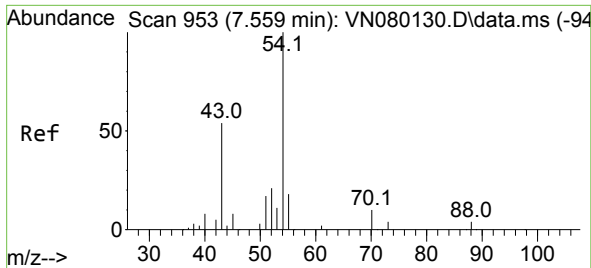
Ion Ratio Lower Upper

75 100

110 34.9 19.1 57.3

77 31.2 25.0 37.4

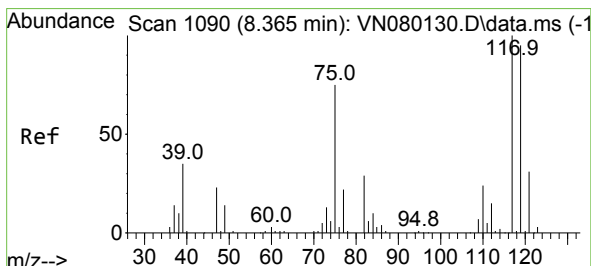
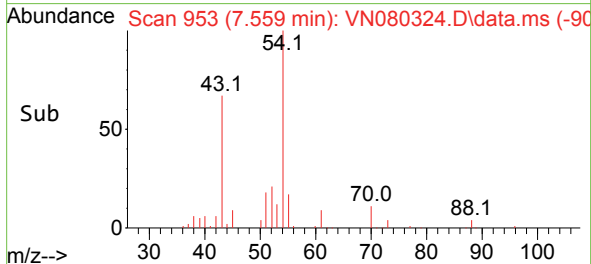
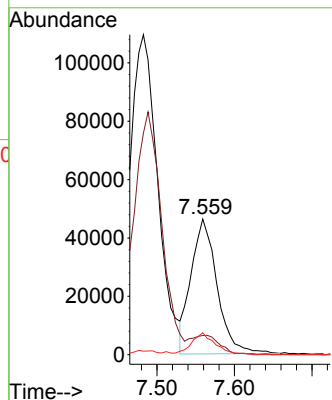
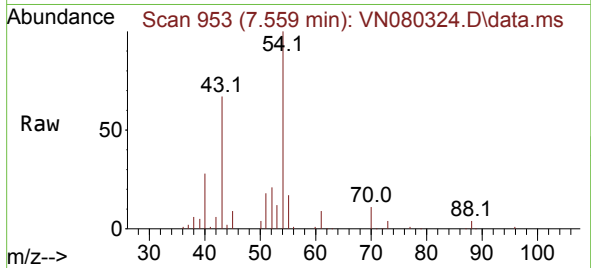




#37
Ethyl Acetate
Concen: 44.316 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

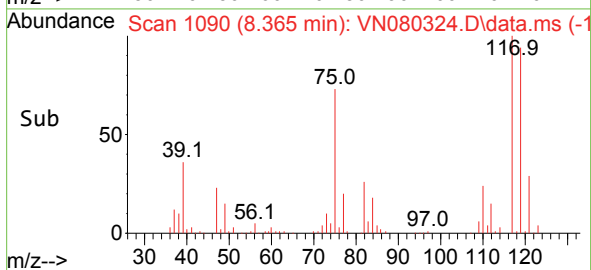
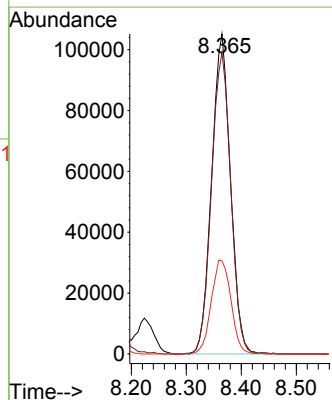
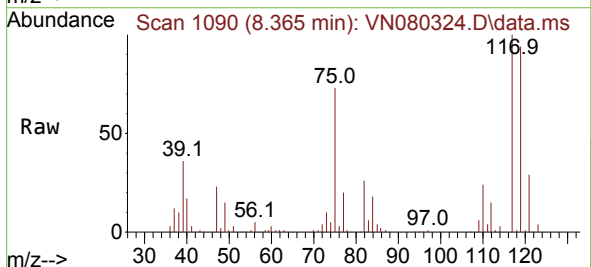
Instrument :
MSVOA_N
ClientSampleId :

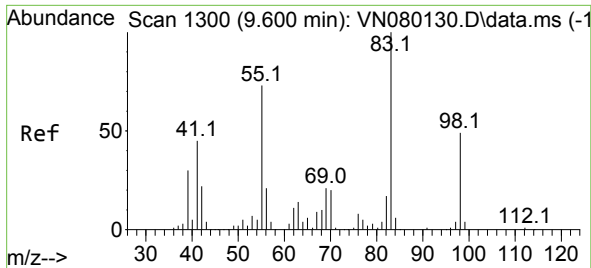
Tgt Ion: 43 Resp: 108015
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 14.9 11.3 16.9



#38
Carbon Tetrachloride
Concen: 56.071 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 117 Resp: 250032
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 54.976 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

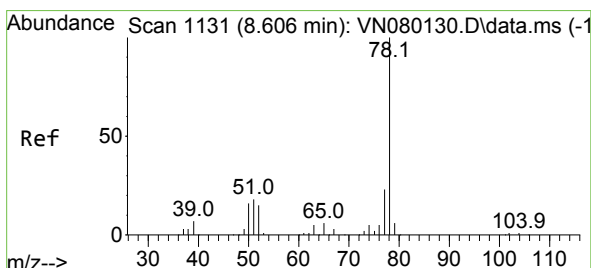
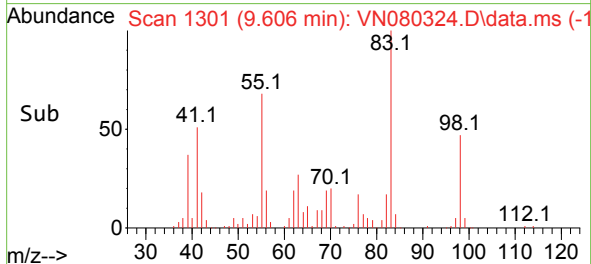
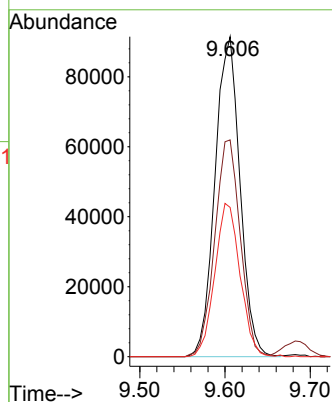
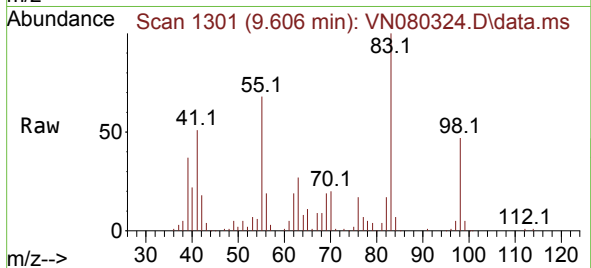
Tgt Ion: 83 Resp: 186267

Ion Ratio Lower Upper

83 100

55 67.8 49.1 73.7

98 46.7 40.6 61.0



#40

Benzene

Concen: 52.571 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080324.D

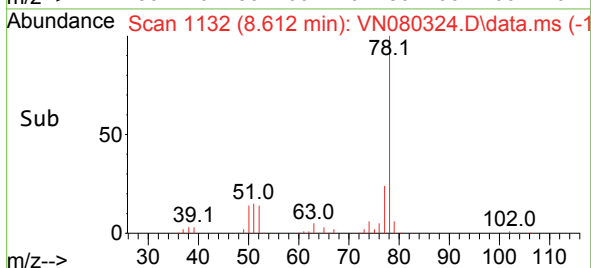
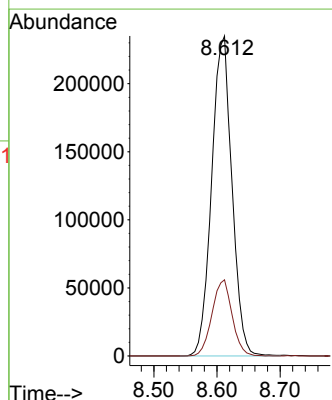
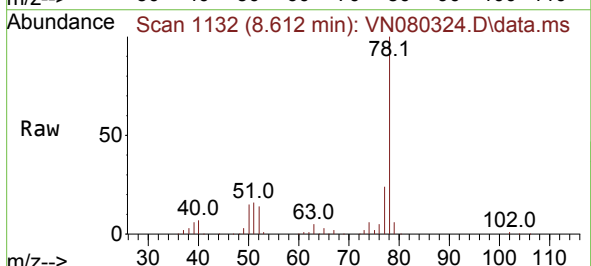
Acq: 01 Dec 2023 16:34

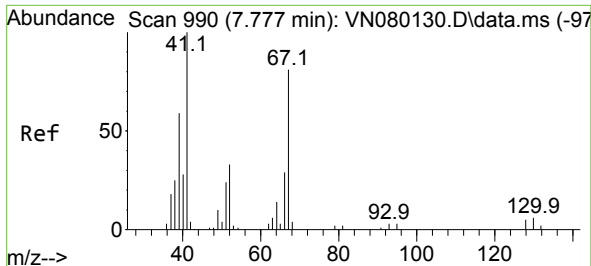
Tgt Ion: 78 Resp: 525026

Ion Ratio Lower Upper

78 100

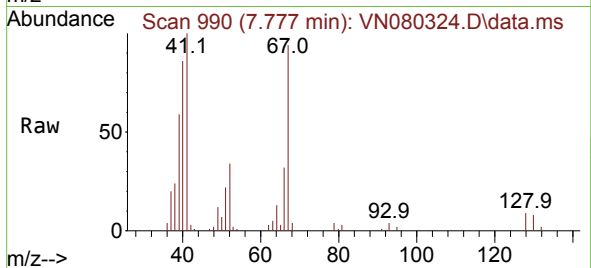
77 23.8 19.0 28.6



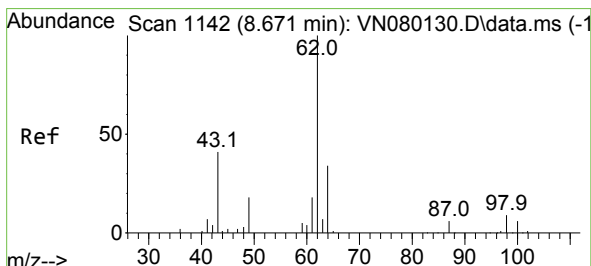
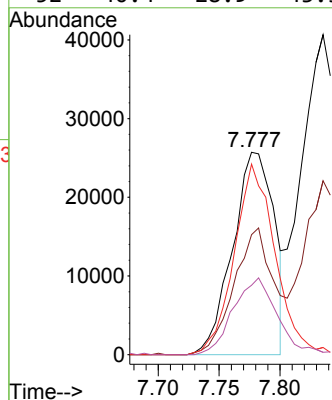
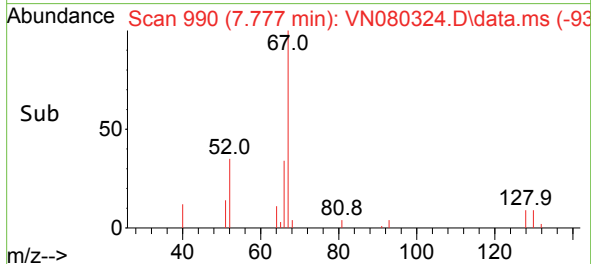


#41
Methacrylonitrile
Concen: 45.515 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

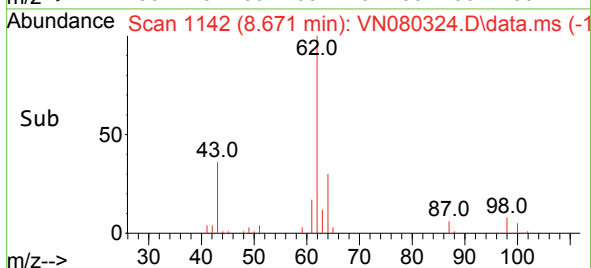
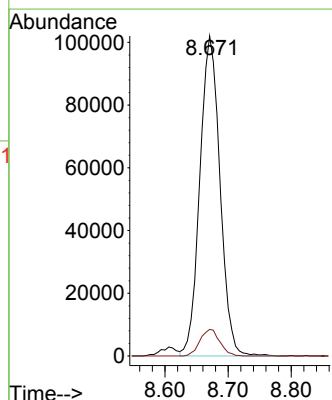
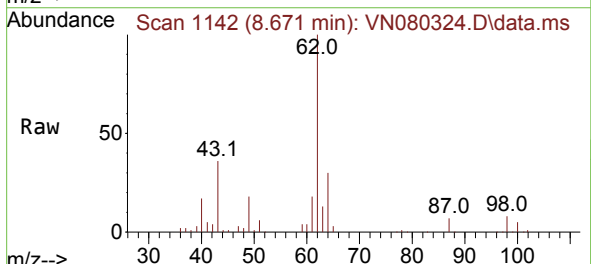


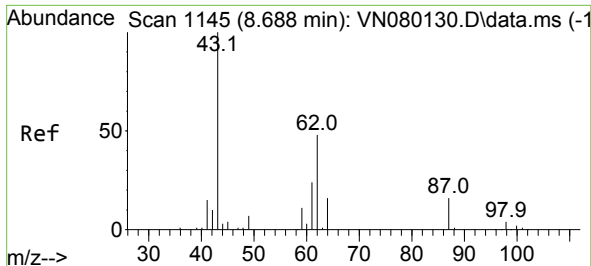
Tgt Ion: 41	Resp: 60923
Ion Ratio	Lower Upper
41 100	
39 61.7	42.6 64.0
67 93.2	77.5 116.3
52 40.4	28.9 43.3



#42
1,2-Dichloroethane
Concen: 55.333 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 62	Resp: 226084
Ion Ratio	Lower Upper
62 100	
98 8.1	0.0 19.8

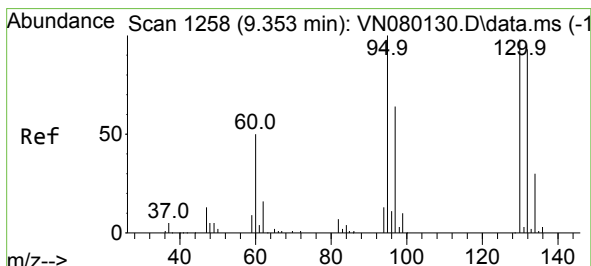
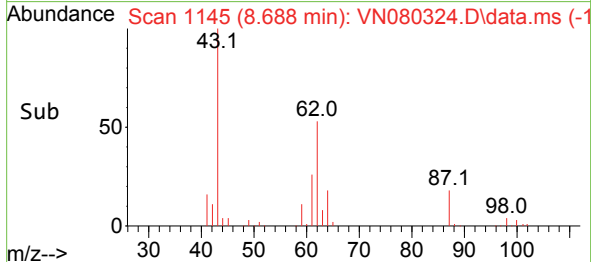
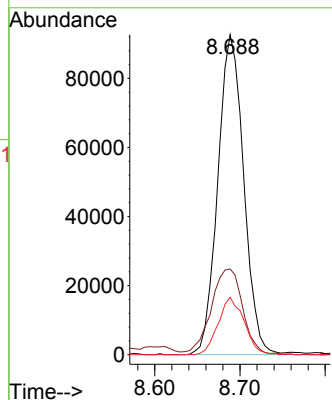
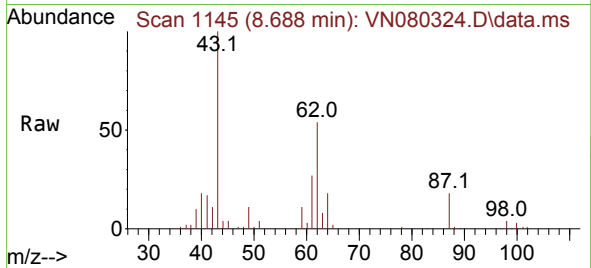




#43
Isopropyl Acetate
Concen: 41.203 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

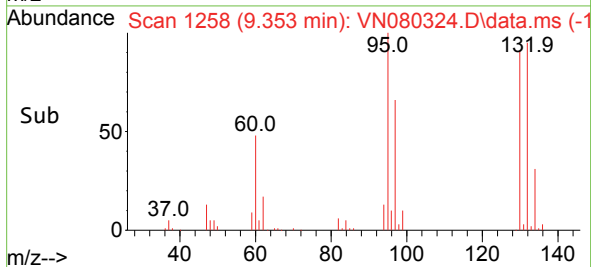
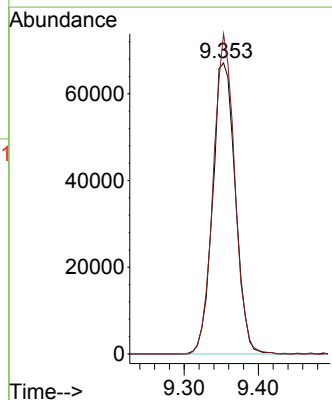
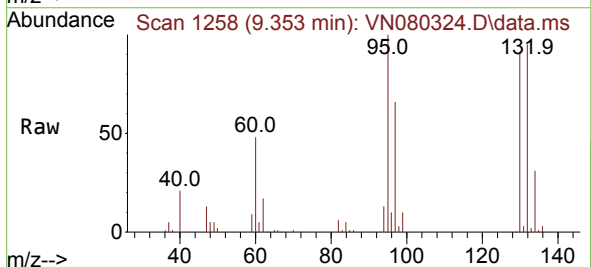
Instrument :
MSVOA_N
ClientSampleId :

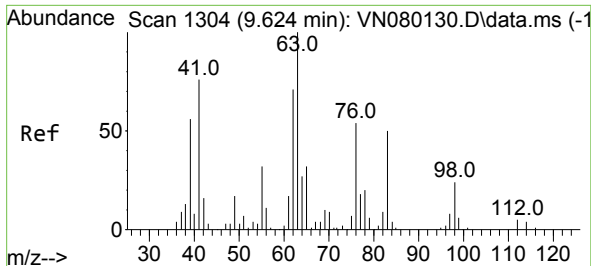
Tgt Ion: 43 Resp: 195432
Ion Ratio Lower Upper
43 100
61 32.8 24.7 37.1
87 18.0 14.6 21.8



#44
Trichloroethene
Concen: 54.500 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion:130 Resp: 142775
Ion Ratio Lower Upper
130 100
95 110.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.106 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

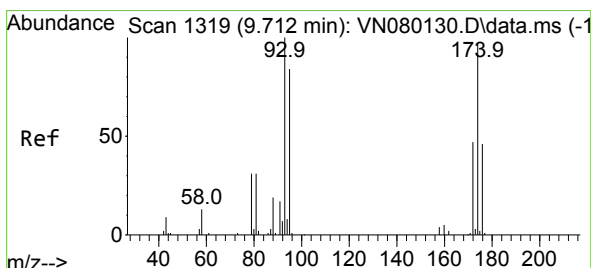
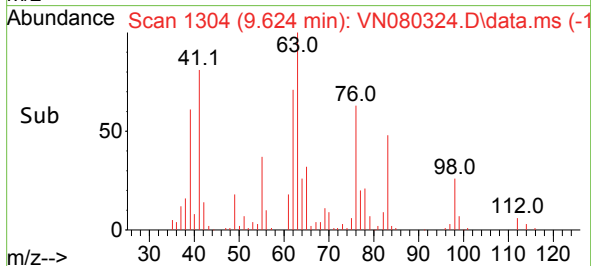
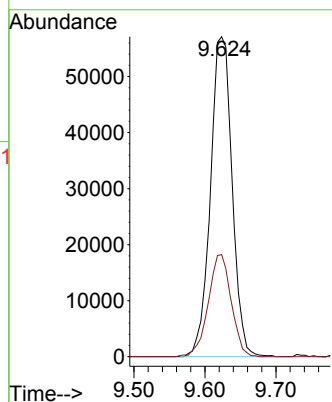
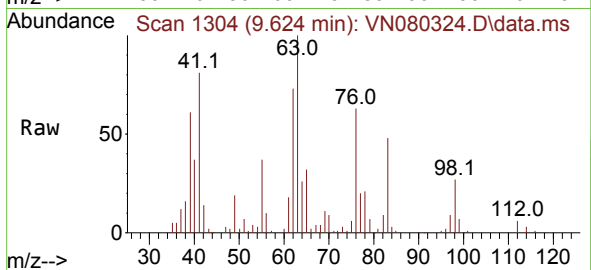
ClientSampleId :

Tgt Ion: 63 Resp: 120933

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 53.478 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

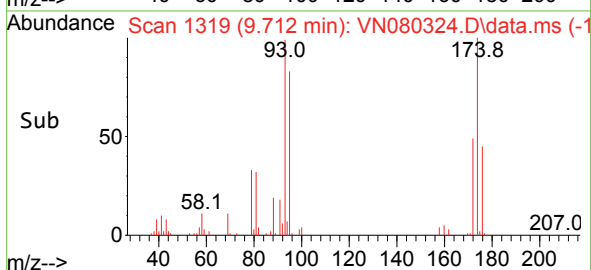
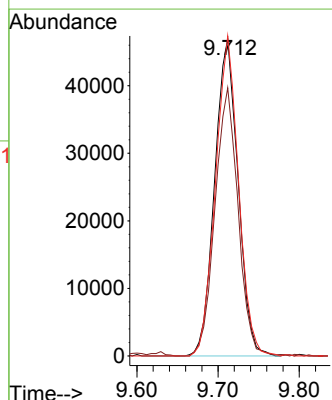
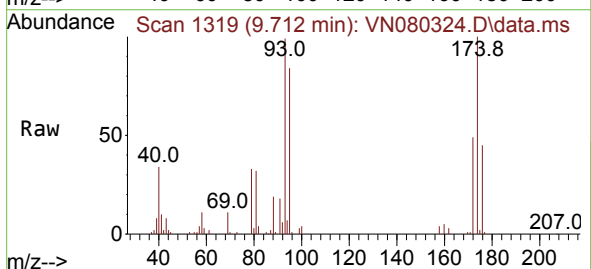
Tgt Ion: 93 Resp: 93953

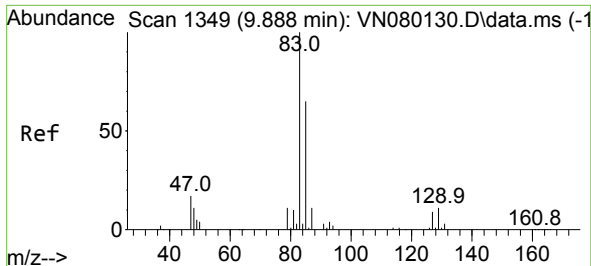
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

174 99.5 65.6 98.4

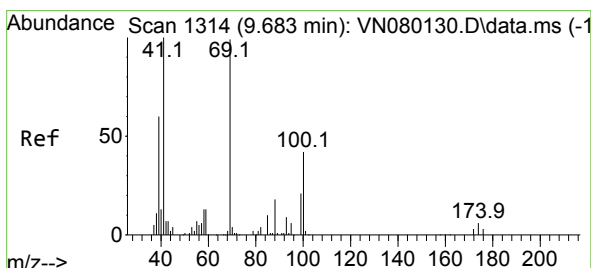
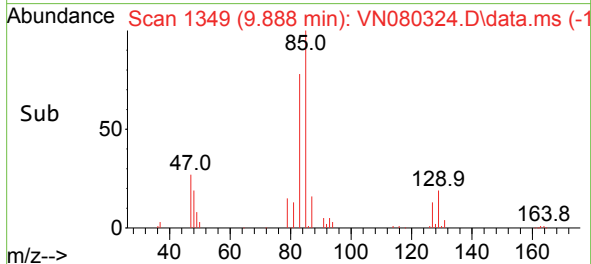
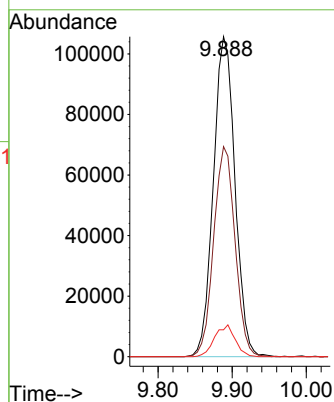
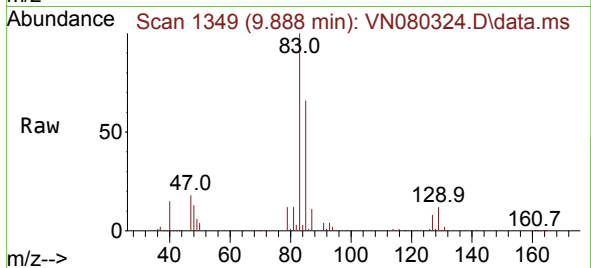




#47
Bromodichloromethane
Concen: 55.384 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

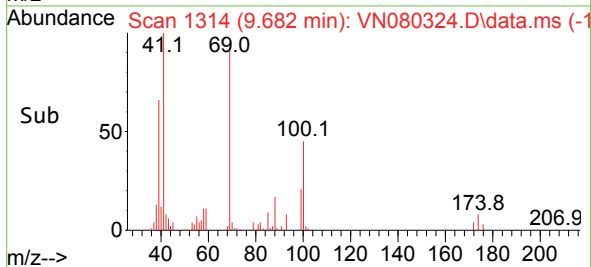
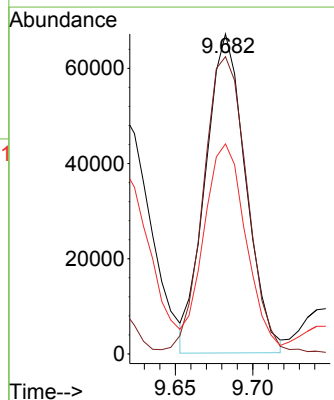
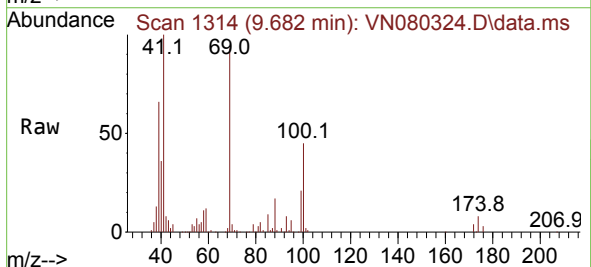
Instrument :
MSVOA_N
ClientSampleId :

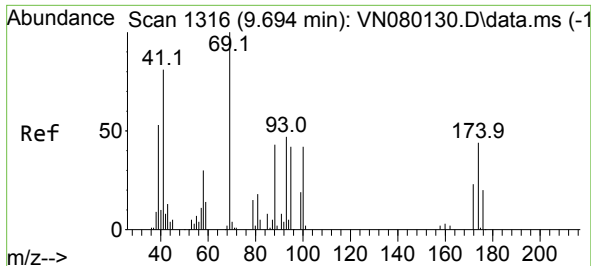
Tgt Ion: 83 Resp: 214035
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 49.541 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 41 Resp: 121093
Ion Ratio Lower Upper
41 100
69 102.0 90.4 135.6
39 69.5 54.6 81.8





#49

1,4-Dioxane

Concen: 916.219 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

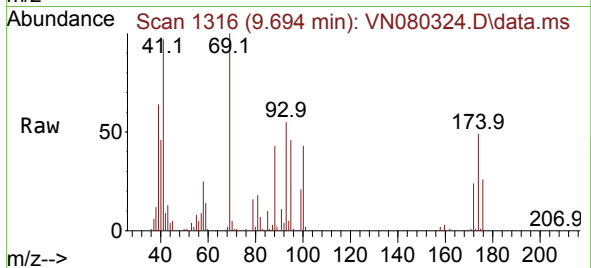
Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :



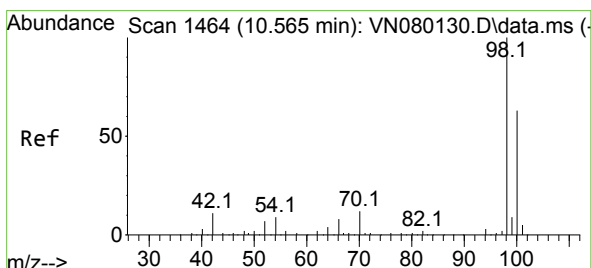
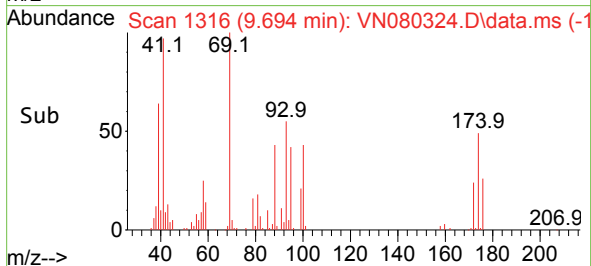
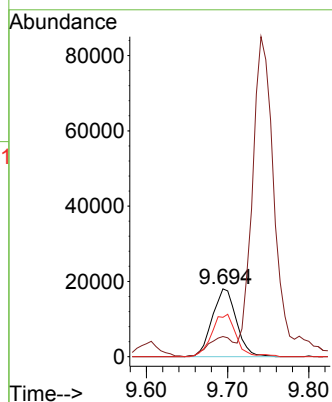
Tgt Ion: 88 Resp: 37257

Ion Ratio Lower Upper

88 100

43 32.3 17.0 25.6#

58 61.4 47.0 70.4



#50

Toluene-d8

Concen: 49.739 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080324.D

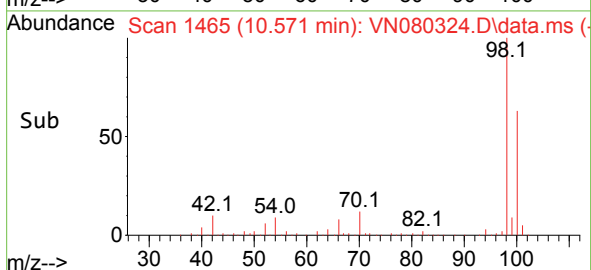
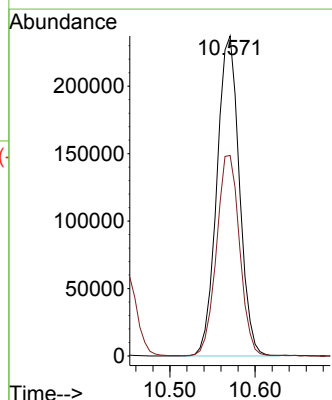
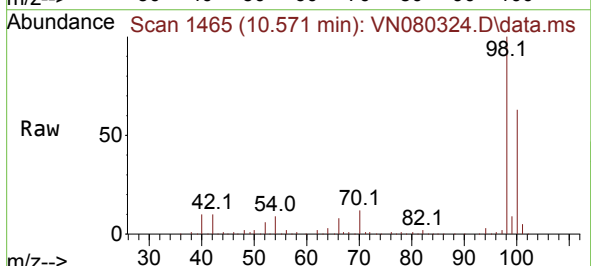
Acq: 01 Dec 2023 16:34

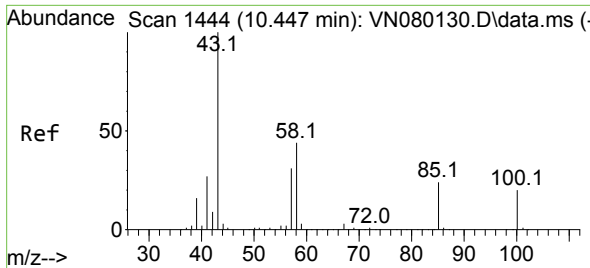
Tgt Ion: 98 Resp: 435171

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

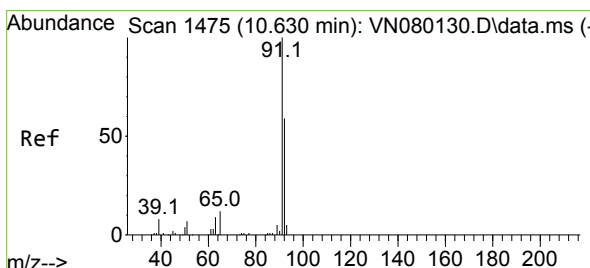
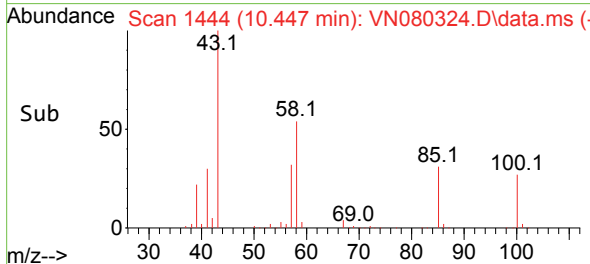
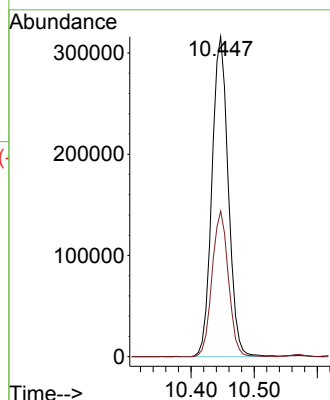
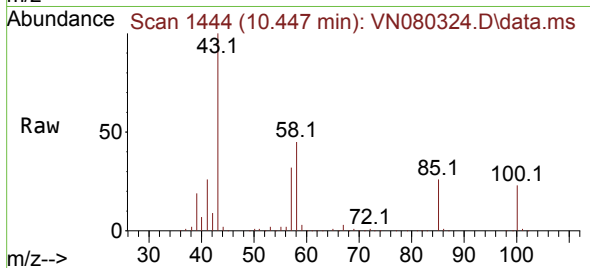




#51
4-Methyl-2-Pentanone
Concen: 231.117 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

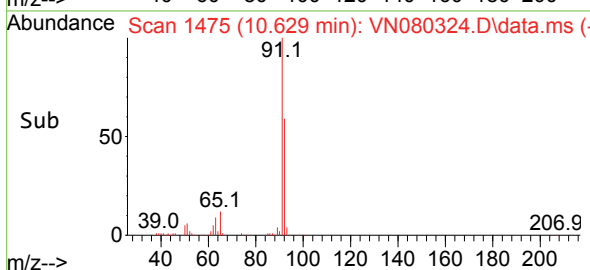
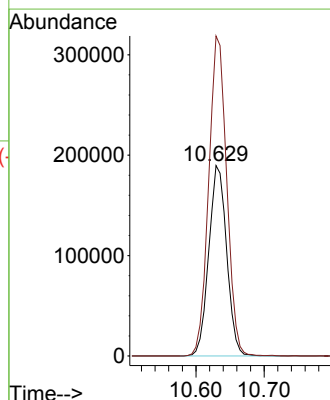
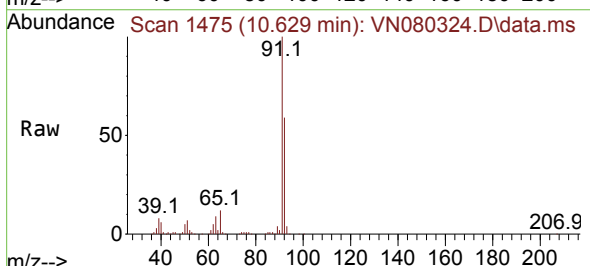
Instrument :
MSVOA_N
ClientSampleId :

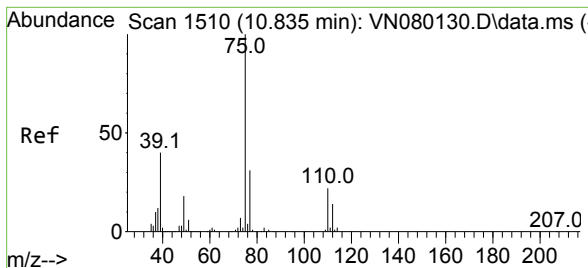
Tgt Ion: 43 Resp: 567534
Ion Ratio Lower Upper
43 100
58 45.5 36.6 54.8



#52
Toluene
Concen: 55.336 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 92 Resp: 345854
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0

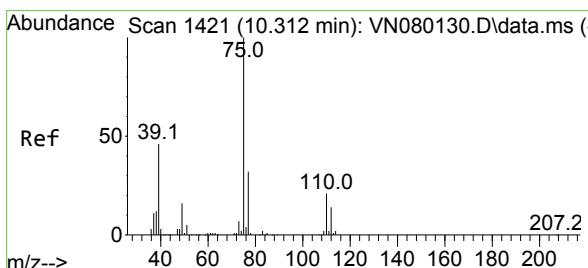
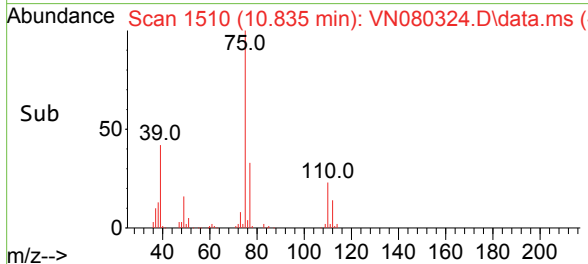
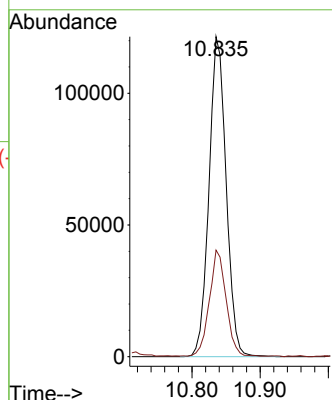
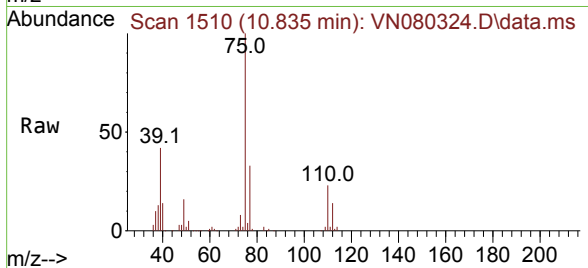




#53
 t-1,3-Dichloropropene
 Concen: 53.618 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

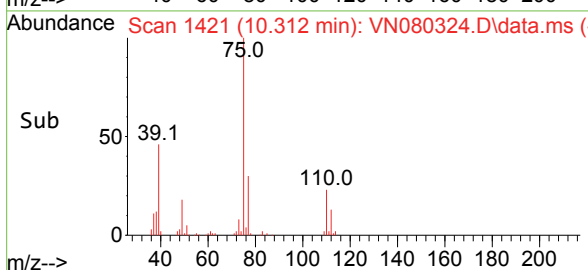
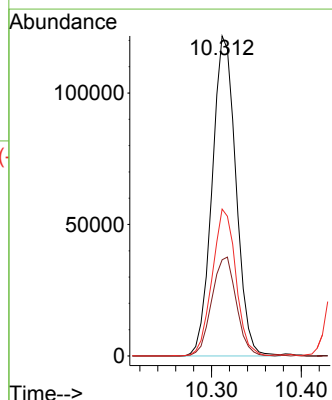
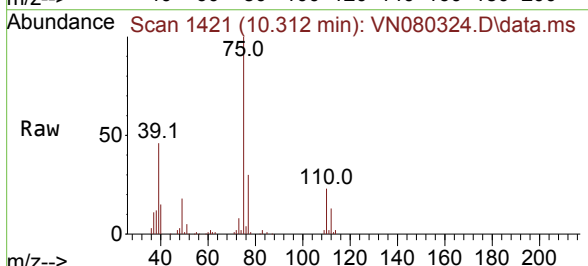
Instrument :
 MSVOA_N
 ClientSampleId :

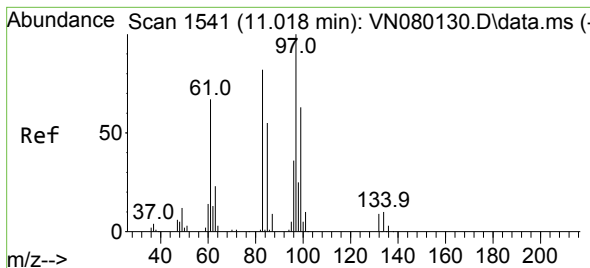
Tgt Ion: 75 Resp: 212892
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.209 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion: 75 Resp: 223955
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.1 39.1
 39 45.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.116 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

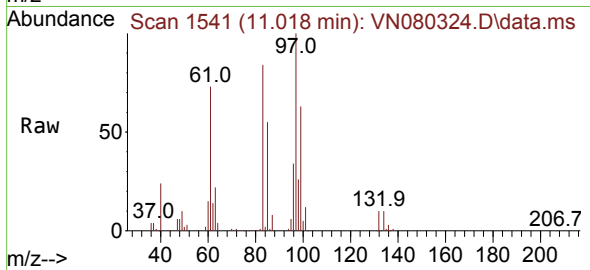
Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 124322

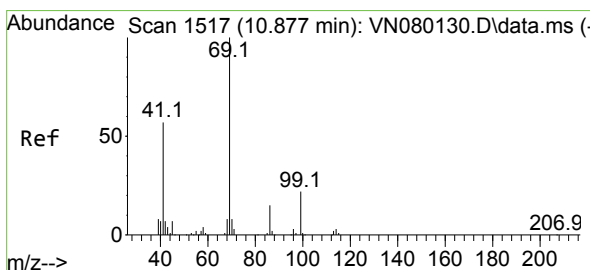
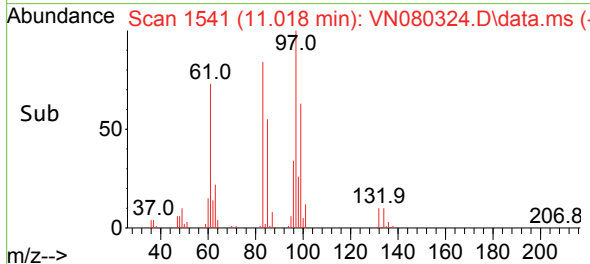
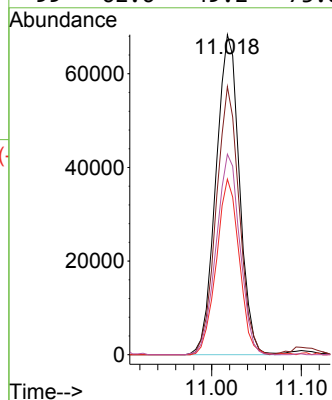
Ion Ratio Lower Upper

97 100

83 83.8 65.1 97.7

85 54.8 43.4 65.2

99 62.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 53.556 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

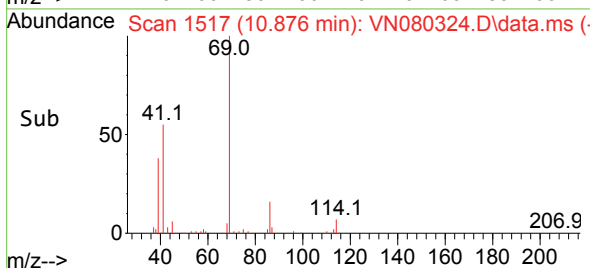
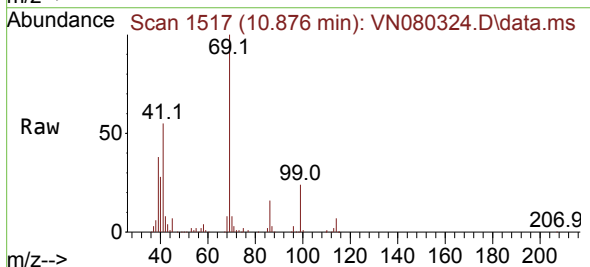
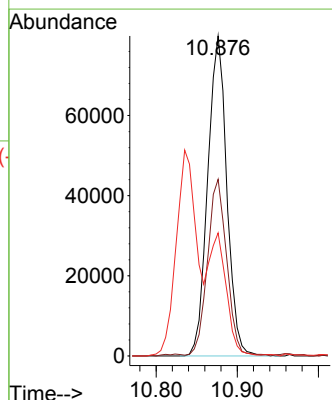
Tgt Ion: 69 Resp: 130513

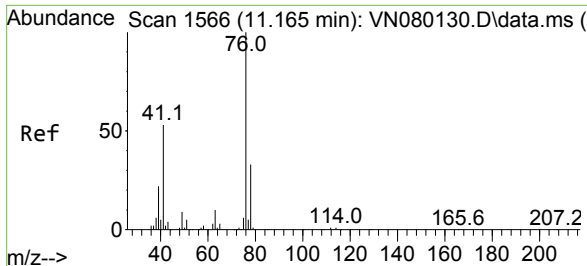
Ion Ratio Lower Upper

69 100

41 55.8 39.6 59.4

39 34.7 28.6 43.0

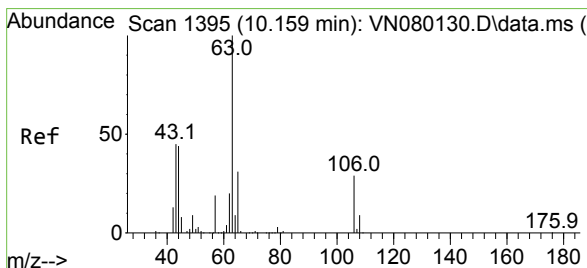
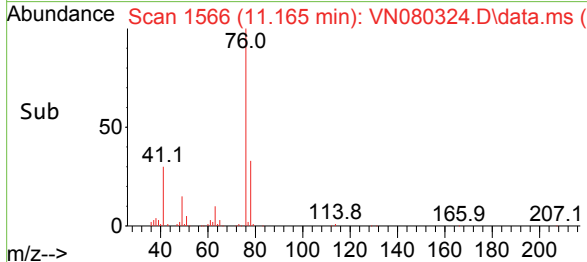
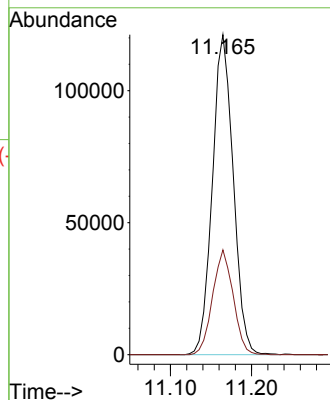
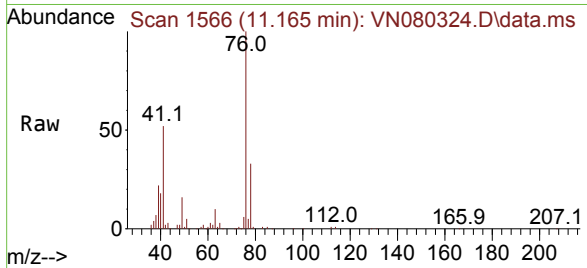




#57
1,3-Dichloropropane
Concen: 51.997 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

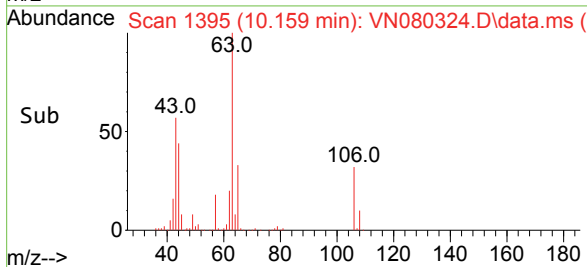
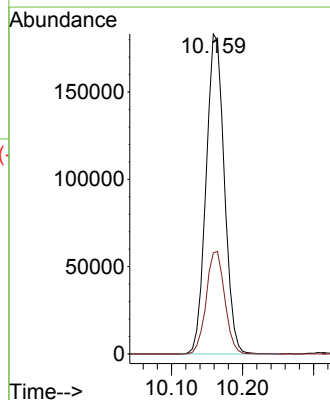
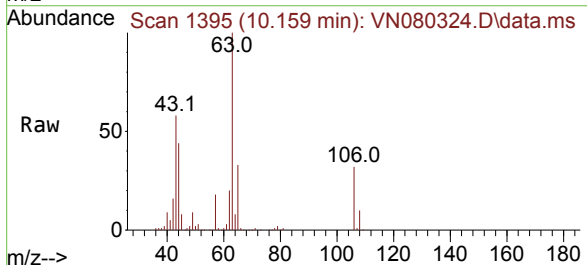
Instrument :
MSVOA_N
ClientSampleId :

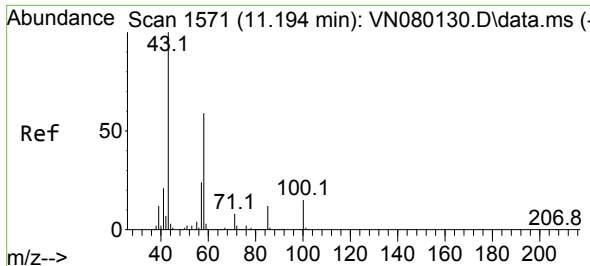
Tgt Ion: 76 Resp: 216561
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 238.237 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 63 Resp: 327078
Ion Ratio Lower Upper
63 100
106 32.5 26.2 39.4

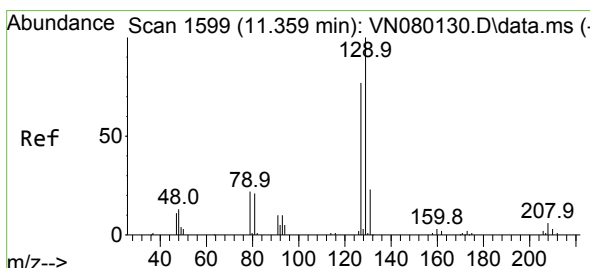
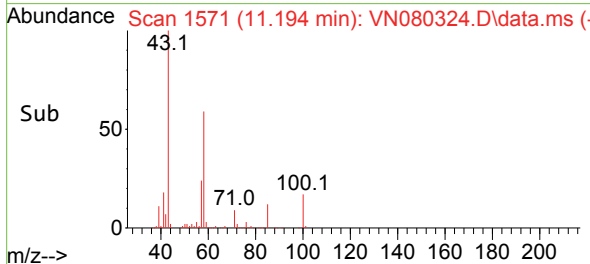
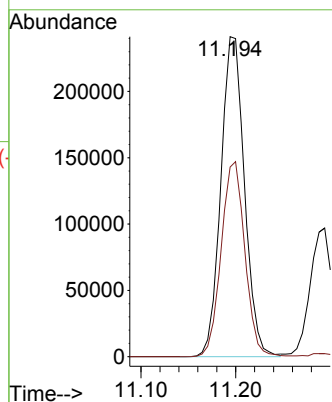
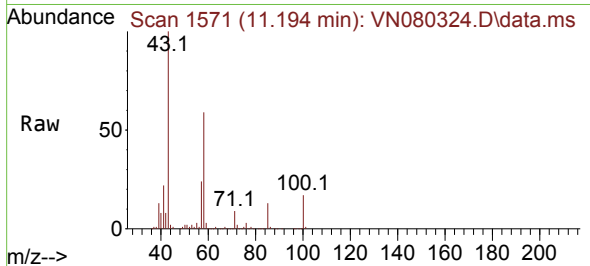




#59
2-Hexanone
Concen: 211.848 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

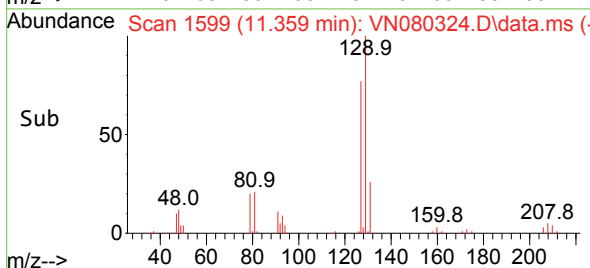
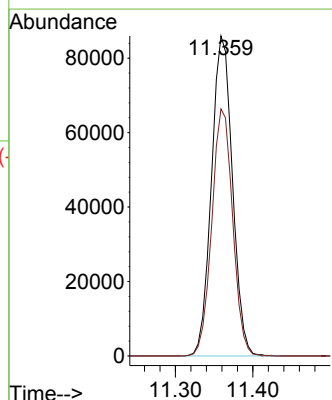
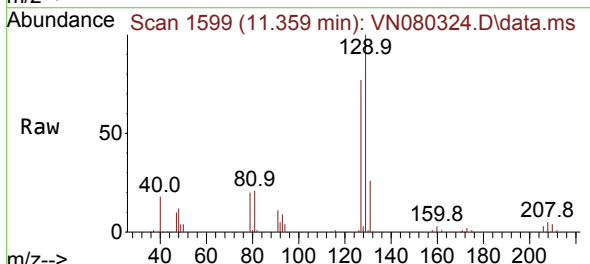
Instrument :
MSVOA_N
ClientSampleId :

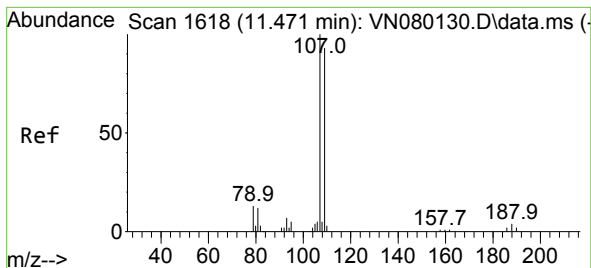
Tgt Ion: 43 Resp: 418024
Ion Ratio Lower Upper
43 100
58 61.2 31.7 95.1



#60
Dibromochloromethane
Concen: 56.599 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion:129 Resp: 161643
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.059 ug/l

RT: 11.470 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

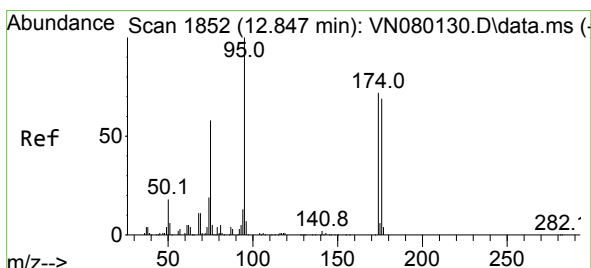
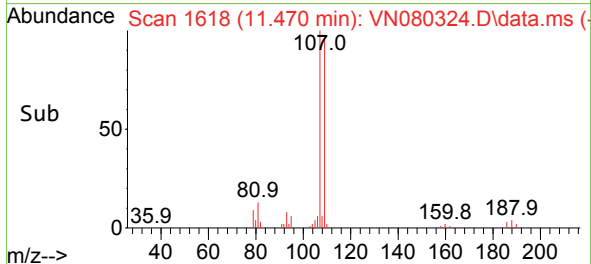
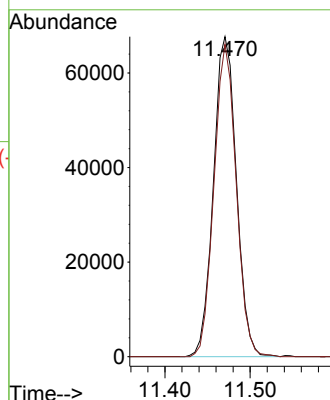
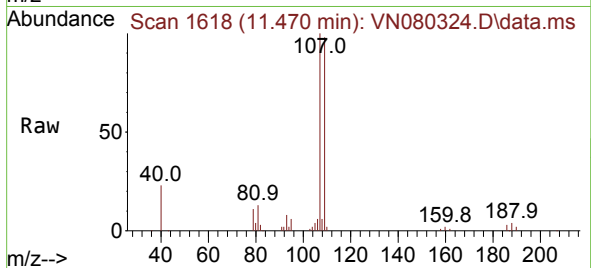
ClientSampleId :

Tgt Ion:107 Resp: 126690

Ion Ratio Lower Upper

107 100

109 94.4 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.504 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

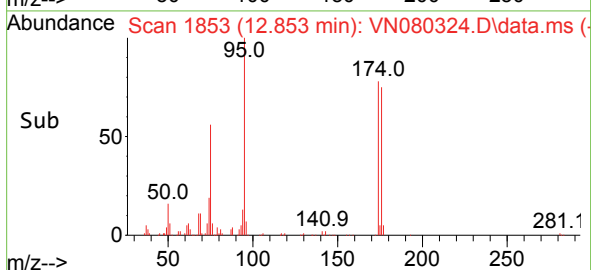
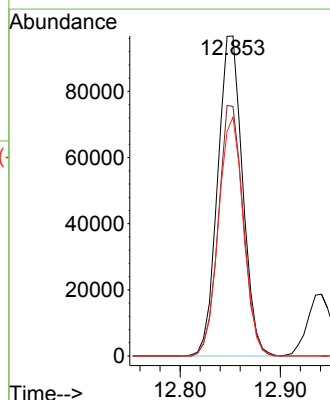
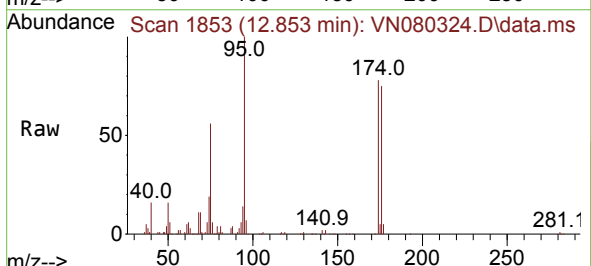
Tgt Ion: 95 Resp: 166901

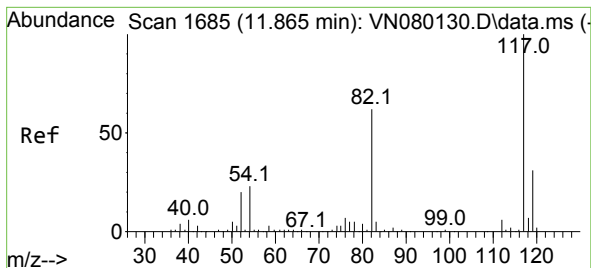
Ion Ratio Lower Upper

95 100

174 78.0 0.0 143.8

176 74.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

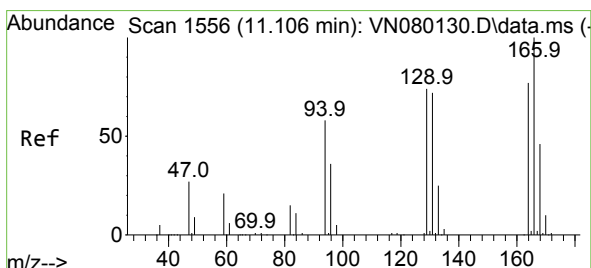
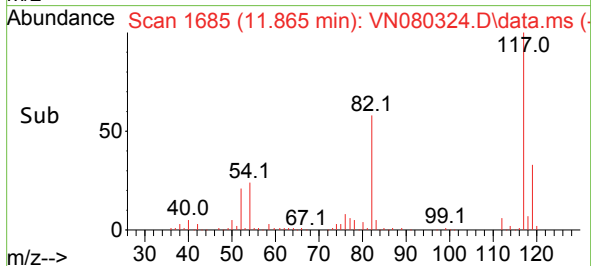
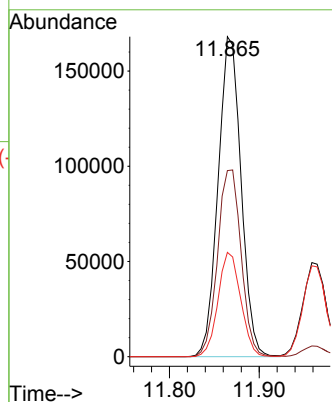
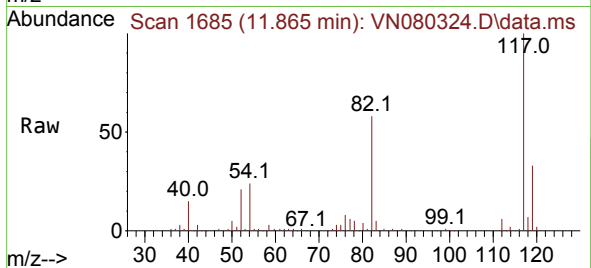
Tgt Ion:117 Resp: 299188

Ion Ratio Lower Upper

117 100

82 58.2 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 65.848 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Tgt Ion:164 Resp: 150350

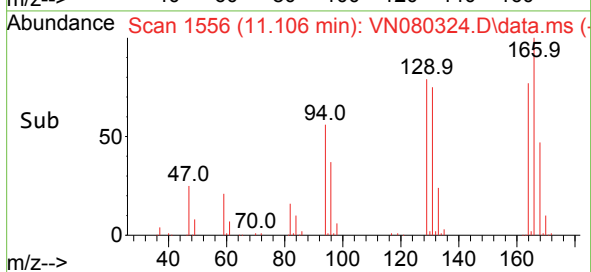
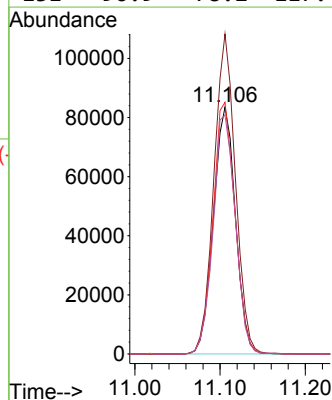
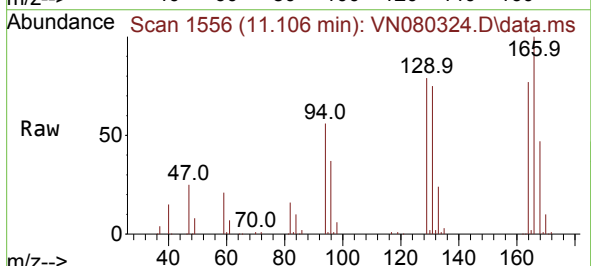
Ion Ratio Lower Upper

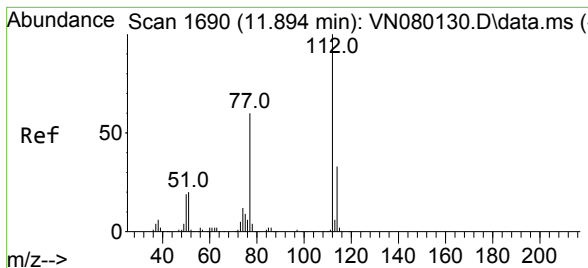
164 100

166 129.7 101.4 152.0

129 102.0 82.4 123.6

131 96.9 78.2 117.4





#65

Chlorobenzene

Concen: 52.869 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

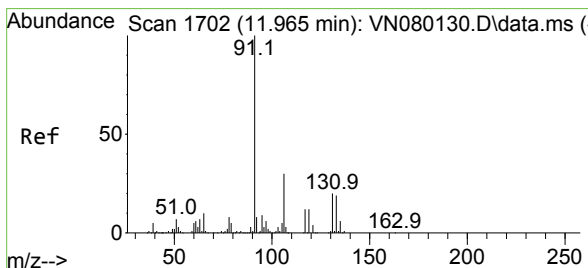
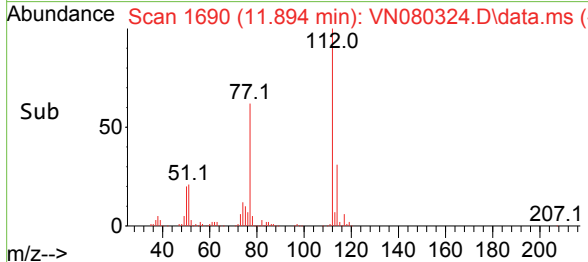
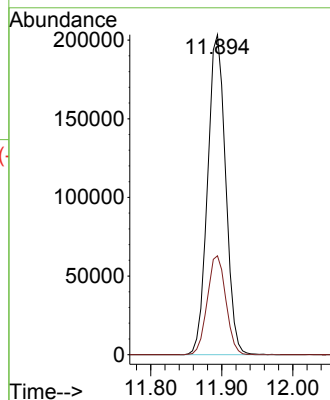
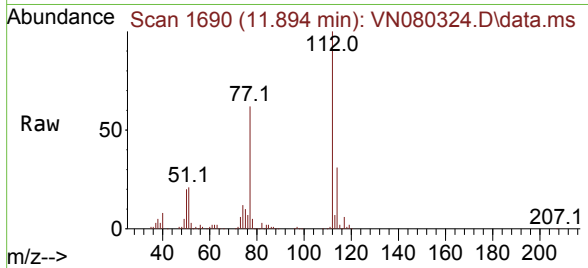
ClientSampleId :

Tgt Ion:112 Resp: 358421

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.452 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

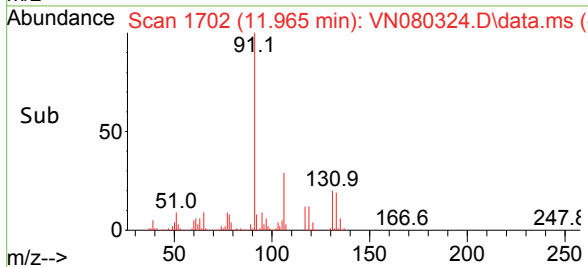
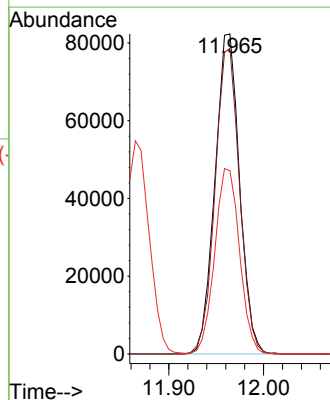
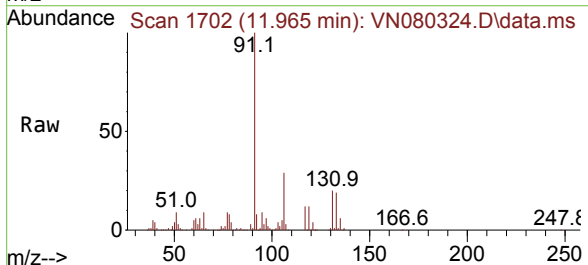
Tgt Ion:131 Resp: 148515

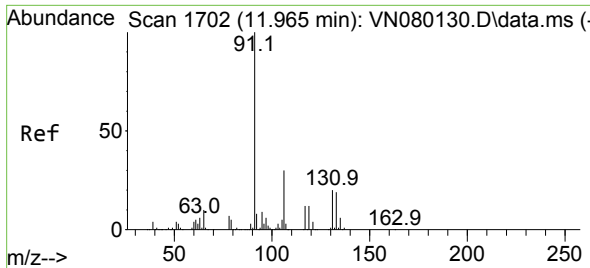
Ion Ratio Lower Upper

131 100

133 95.1 46.4 139.1

119 58.6 34.1 102.2





#67

Ethyl Benzene

Concen: 55.826 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

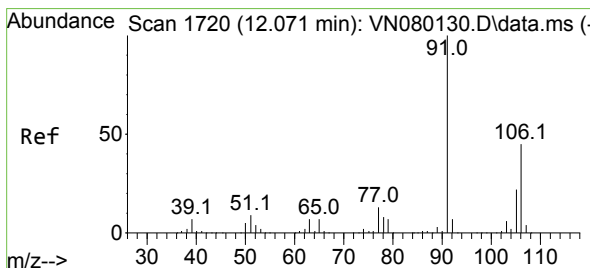
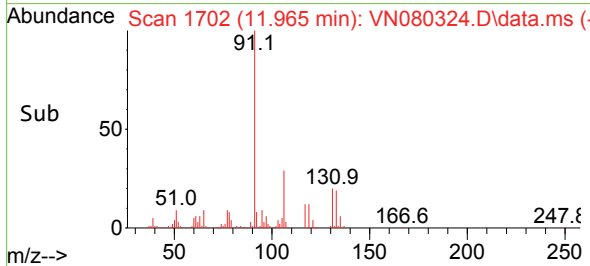
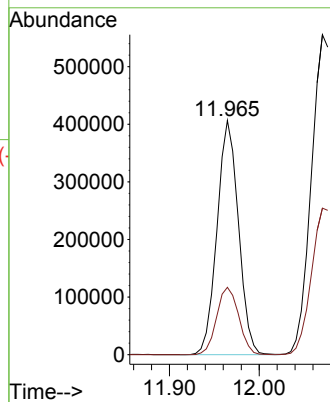
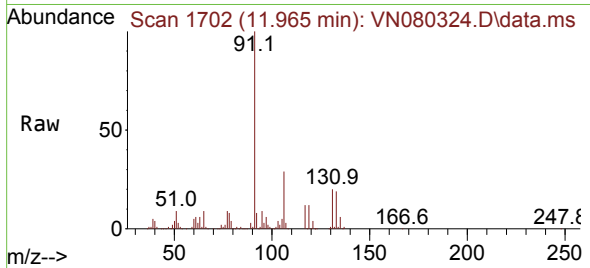
ClientSampleId :

Tgt Ion: 91 Resp: 673459

Ion Ratio Lower Upper

91 100

106 28.7 25.6 38.4



#68

m/p-Xylenes

Concen: 113.371 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN080324.D

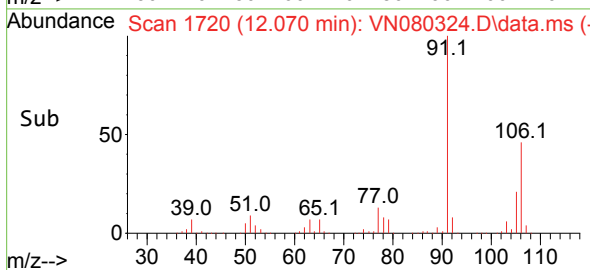
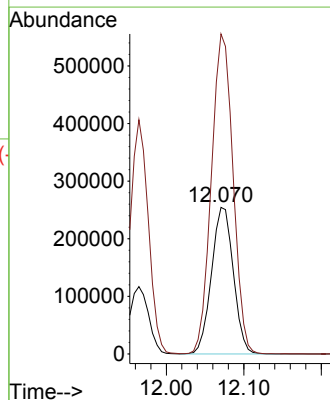
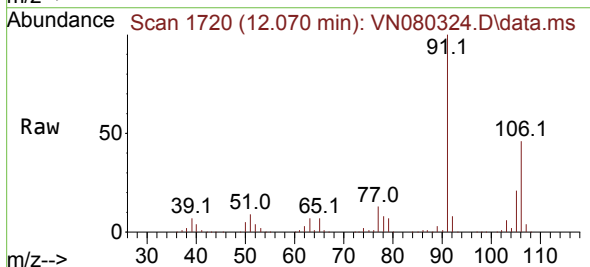
Acq: 01 Dec 2023 16:34

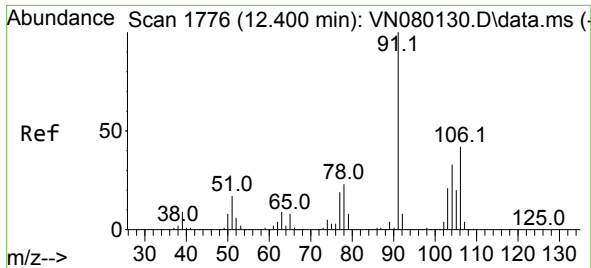
Tgt Ion:106 Resp: 498655

Ion Ratio Lower Upper

106 100

91 216.4 159.6 239.4

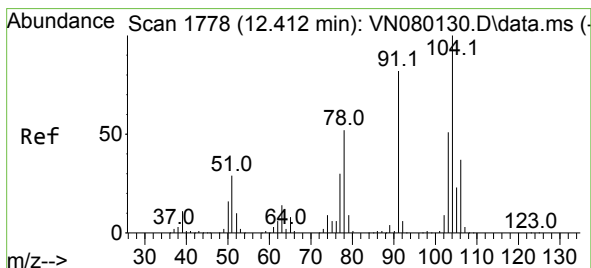
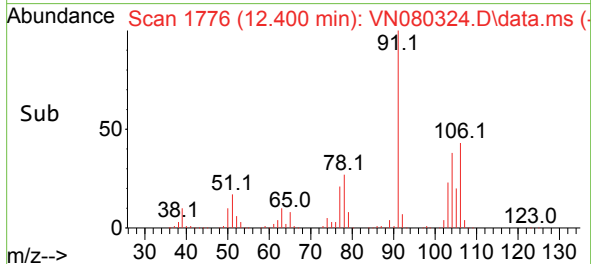
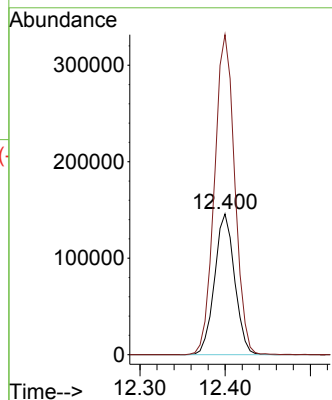
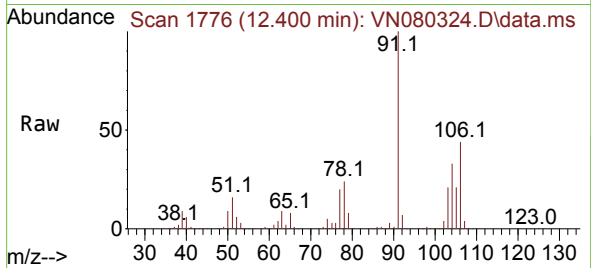




#69
o-Xylene
Concen: 57.542 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

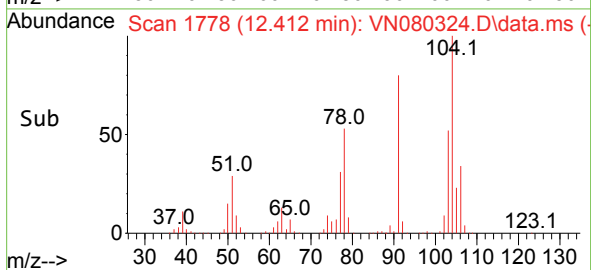
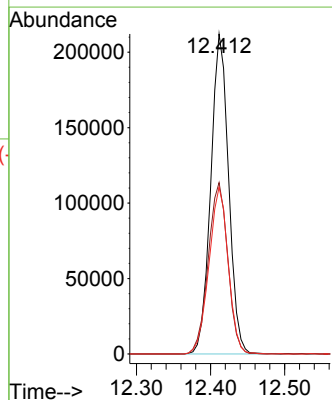
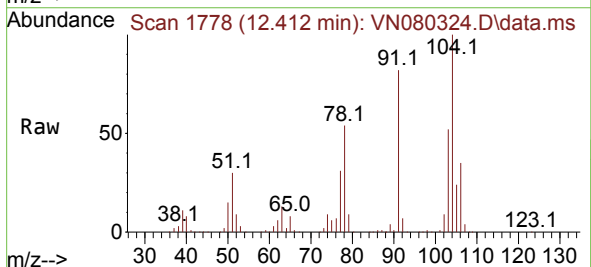
Instrument :
MSVOA_N
ClientSampleId :

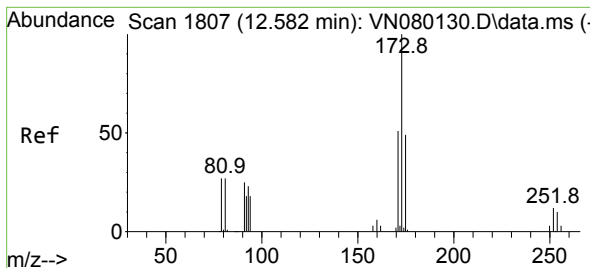
Tgt Ion:106 Resp: 238522
Ion Ratio Lower Upper
106 100
91 229.9 105.2 315.5



#70
Styrene
Concen: 57.483 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion:104 Resp: 354654
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 54.212 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

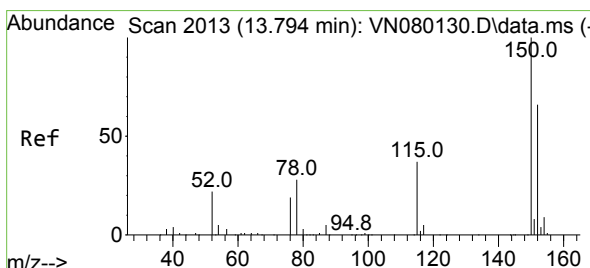
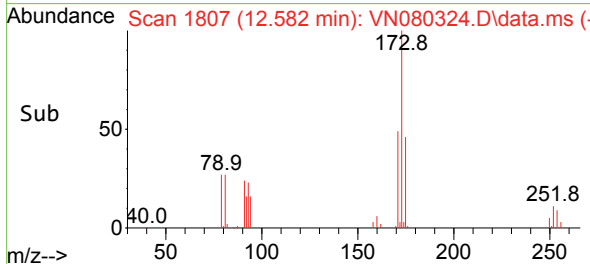
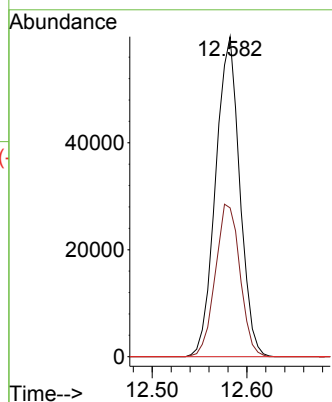
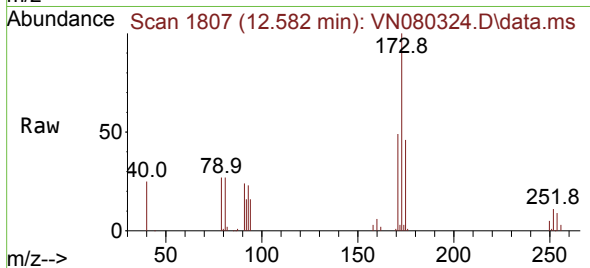
Tgt Ion:173 Resp: 105767

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

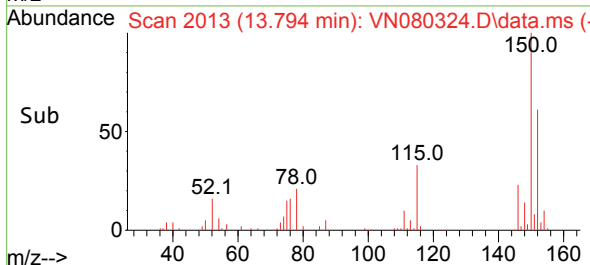
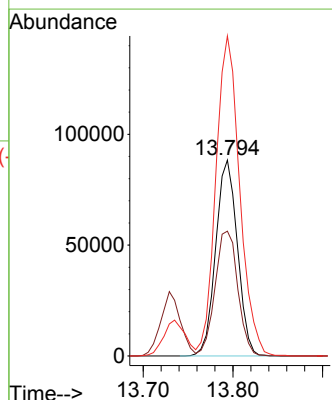
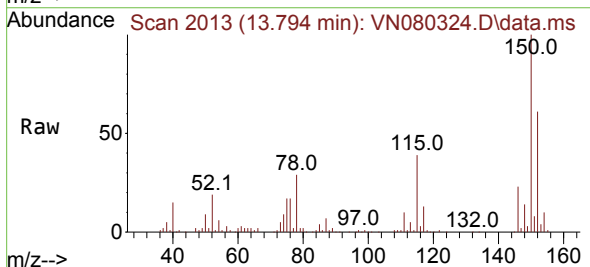
Tgt Ion:152 Resp: 148195

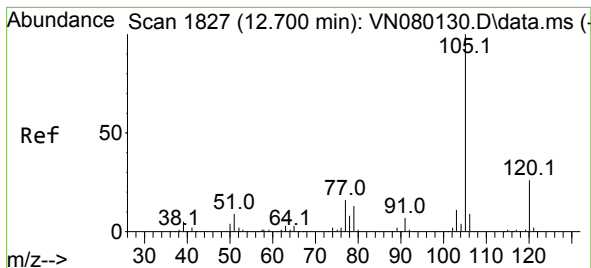
Ion Ratio Lower Upper

152 100

115 67.1 32.3 96.8

150 179.5 0.0 355.8





#73

Isopropylbenzene

Concen: 54.433 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

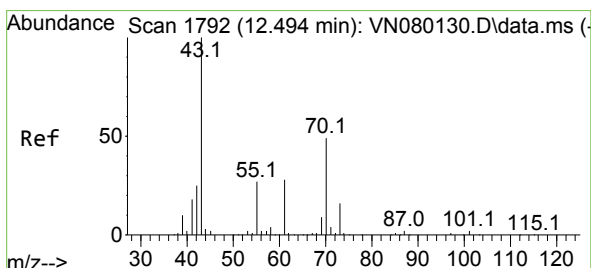
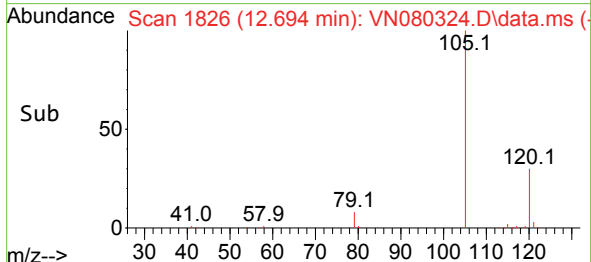
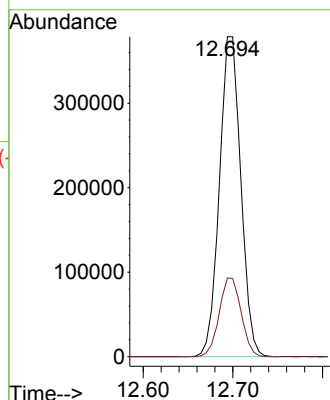
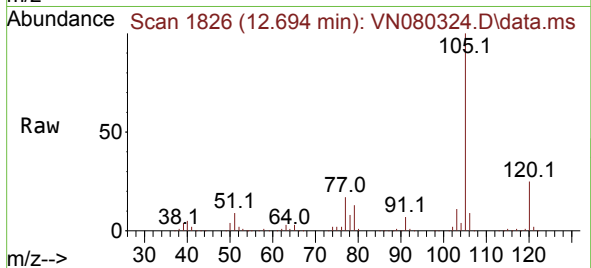
ClientSampleId :

Tgt Ion:105 Resp: 626840

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 45.138 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Tgt Ion: 43 Resp: 162100

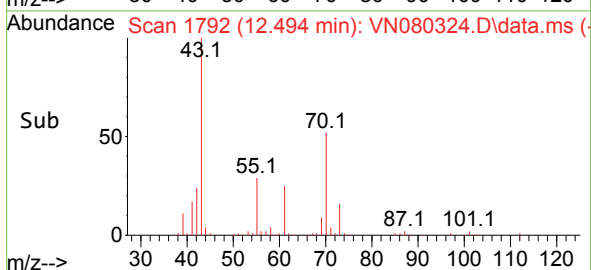
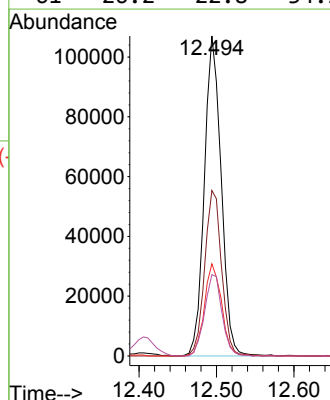
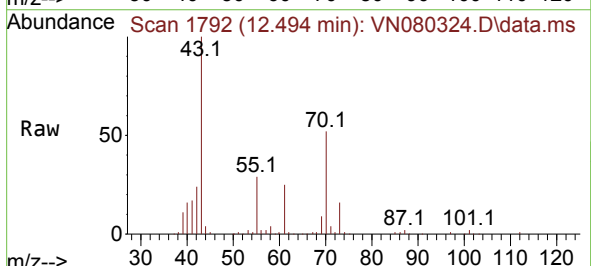
Ion Ratio Lower Upper

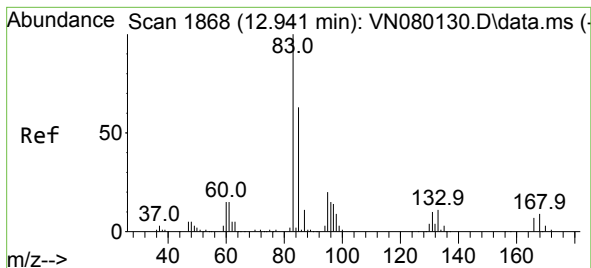
43 100

70 51.8 43.4 65.2

55 29.5 21.4 32.0

61 26.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.698 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

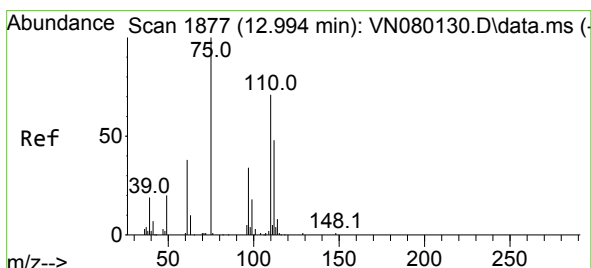
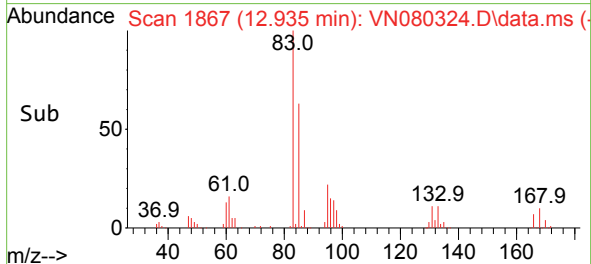
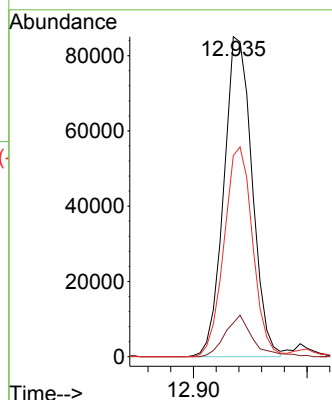
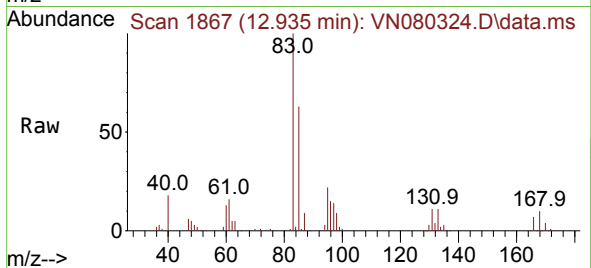
Tgt Ion: 83 Resp: 147164

Ion Ratio Lower Upper

83 100

131 12.7 5.0 15.0

85 66.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.210 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080324.D

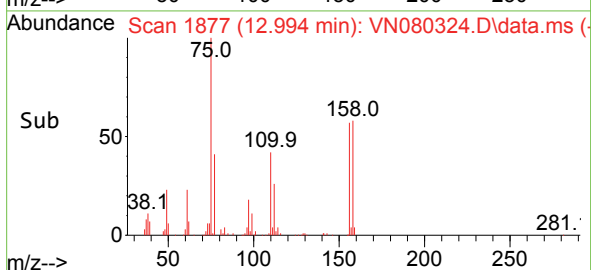
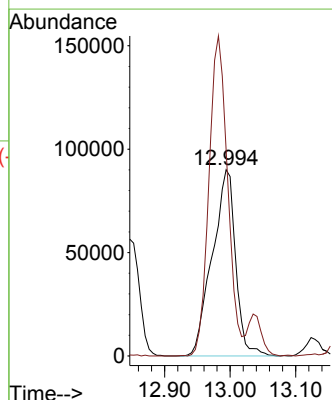
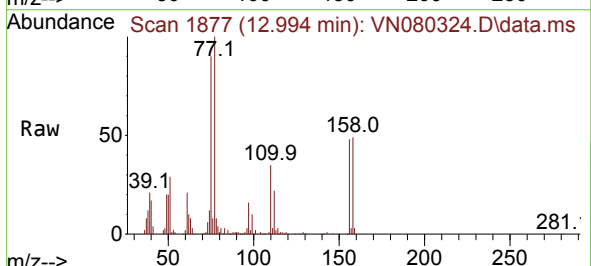
Acq: 01 Dec 2023 16:34

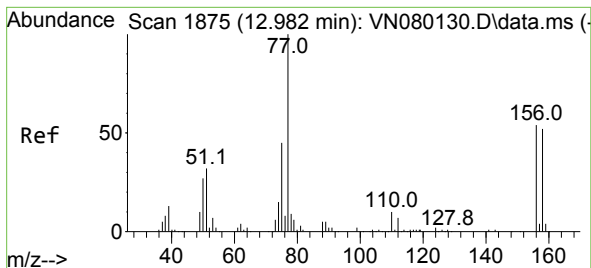
Tgt Ion: 75 Resp: 222256

Ion Ratio Lower Upper

75 100

77 137.5 84.5 253.5





#77

Bromobenzene

Concen: 51.937 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

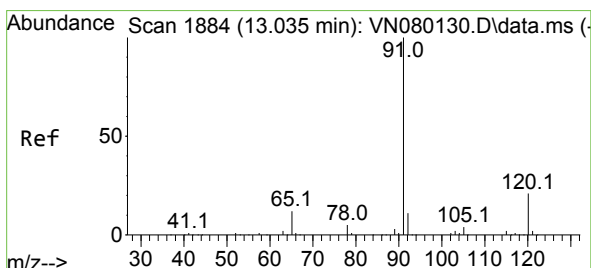
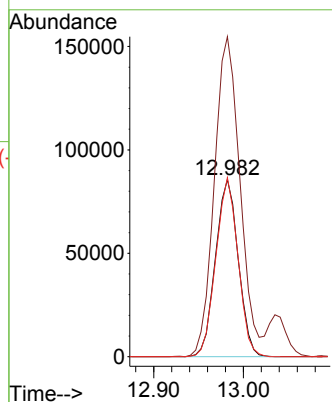
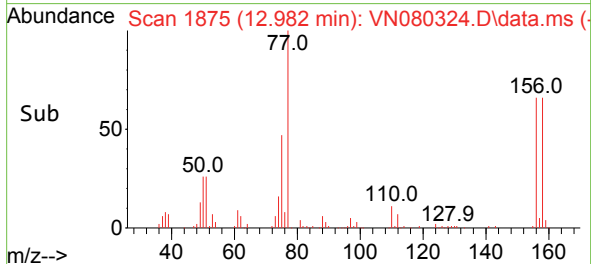
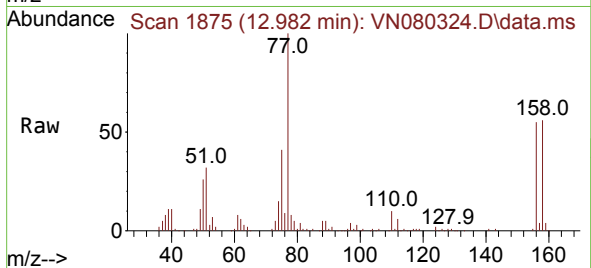
Tgt Ion:156 Resp: 150792

Ion Ratio Lower Upper

156 100

77 202.7 107.7 323.3

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 54.338 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080324.D

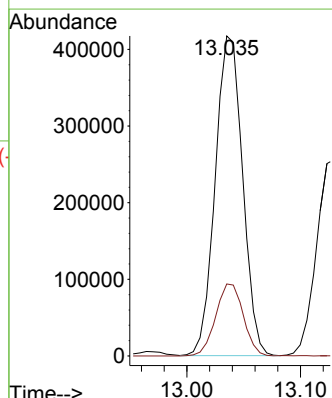
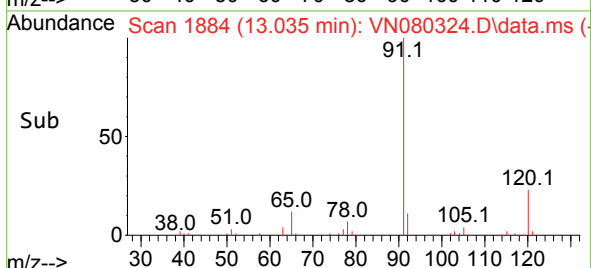
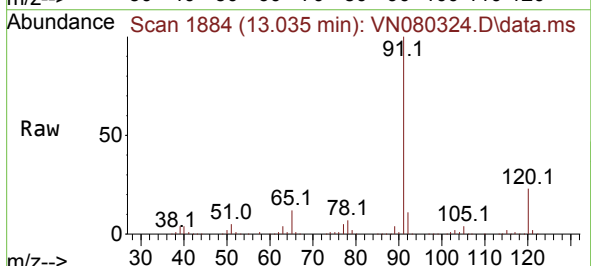
Acq: 01 Dec 2023 16:34

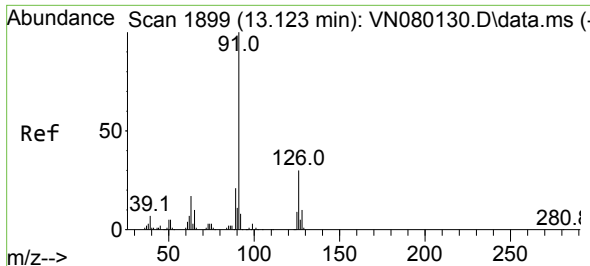
Tgt Ion: 91 Resp: 699727

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

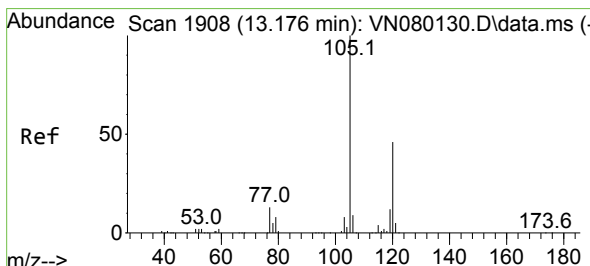
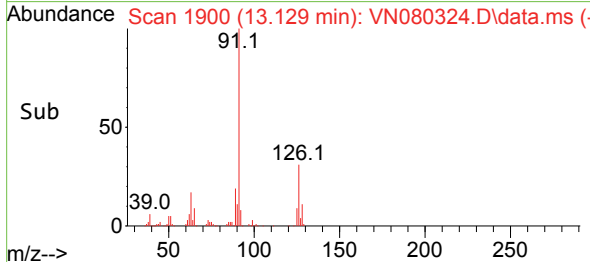
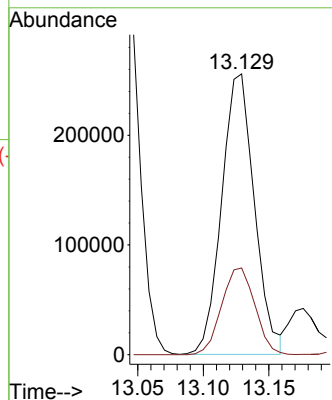
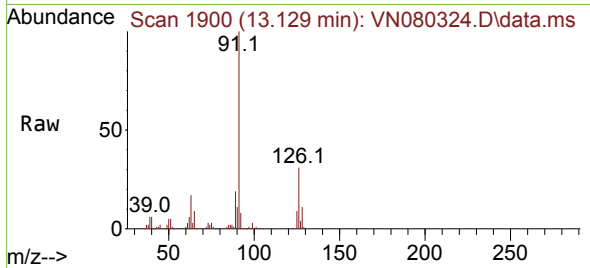




#79
2-Chlorotoluene
Concen: 53.176 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

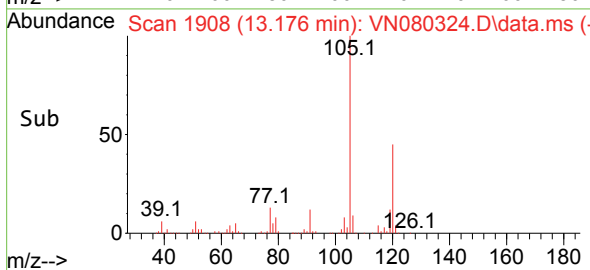
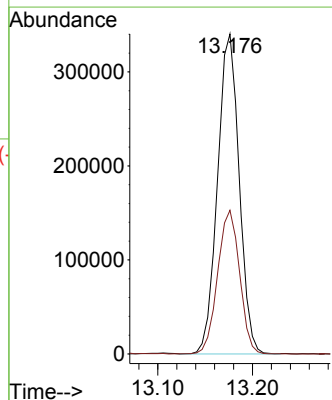
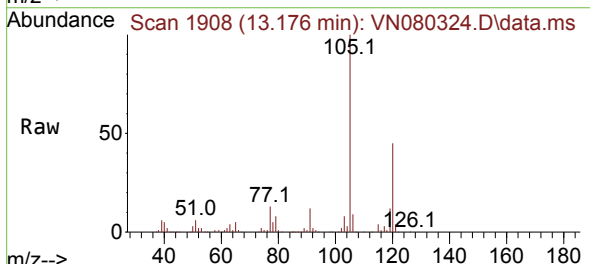
Instrument :
MSVOA_N
ClientSampleId :

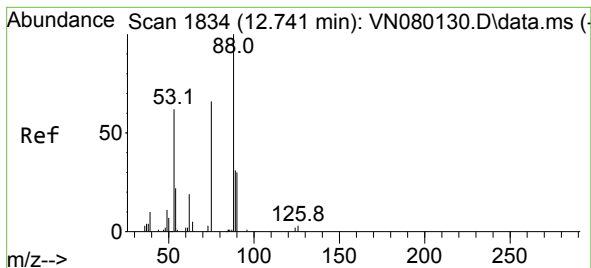
Tgt Ion: 91 Resp: 444751
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.961 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion:105 Resp: 540932
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3

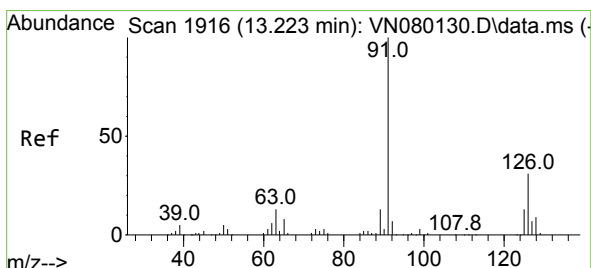
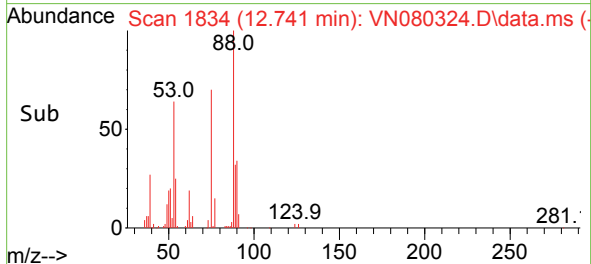
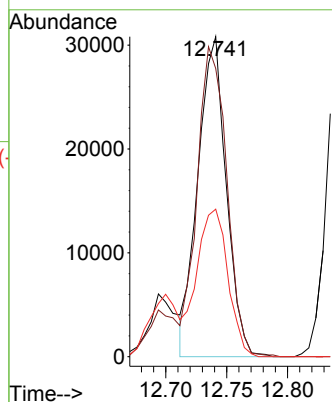
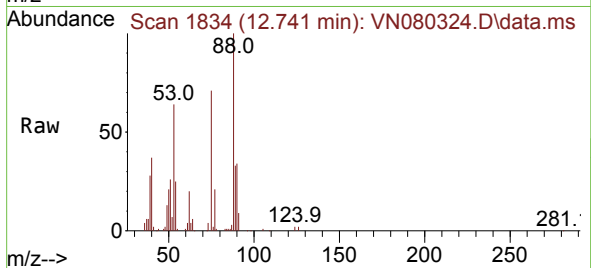




#81
trans-1,4-Dichloro-2-butene
Concen: 46.465 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

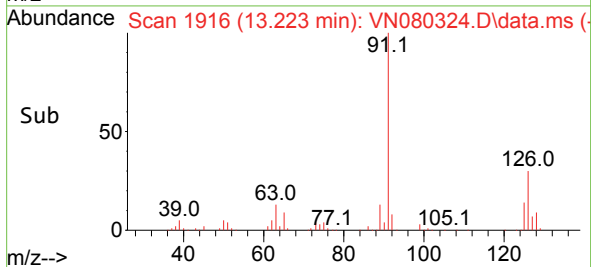
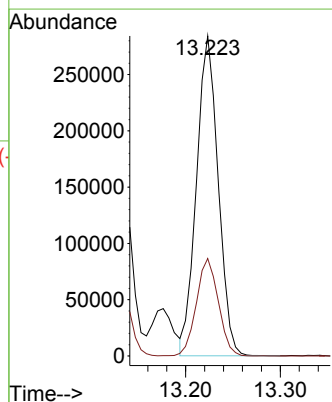
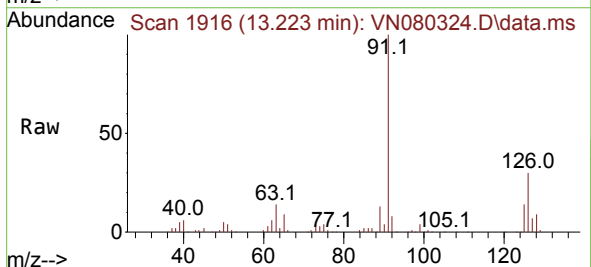
Instrument :
MSVOA_N
ClientSampleId :

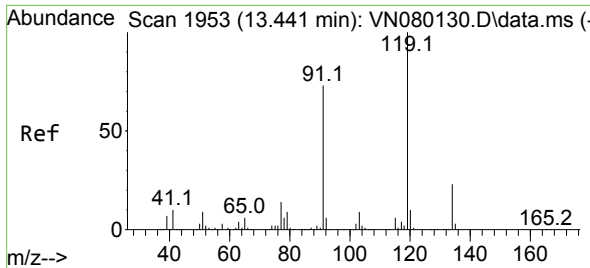
Tgt Ion: 75 Resp: 49937
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2#
89 51.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 52.798 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

Tgt Ion: 91 Resp: 452384
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0

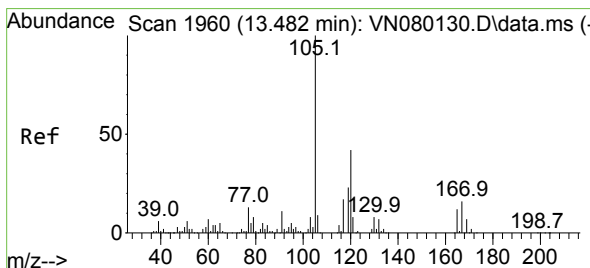
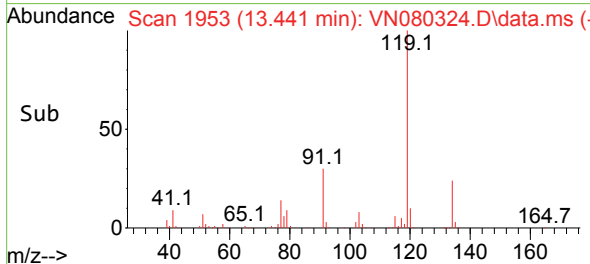
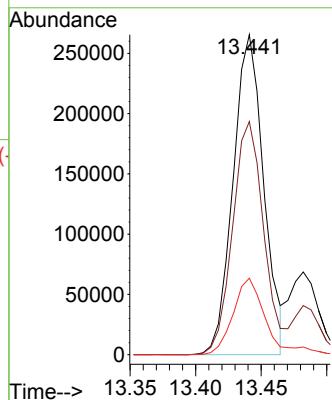
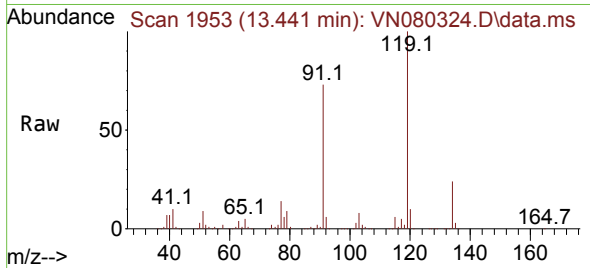




#83
 tert-Butylbenzene
 Concen: 53.609 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

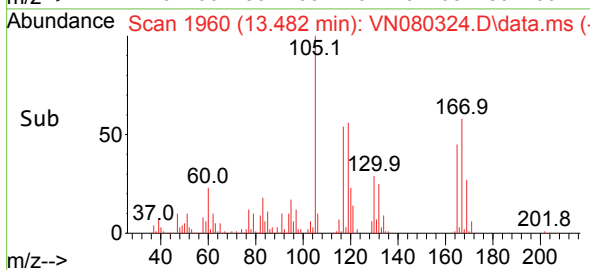
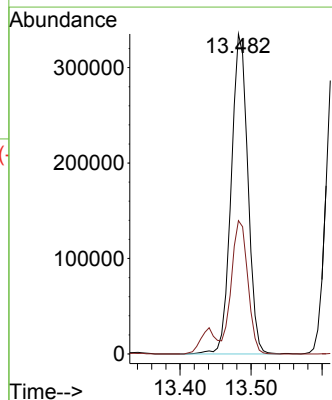
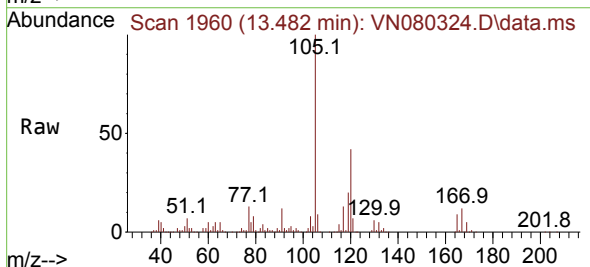
Instrument :
 MSVOA_N
 ClientSampleId :

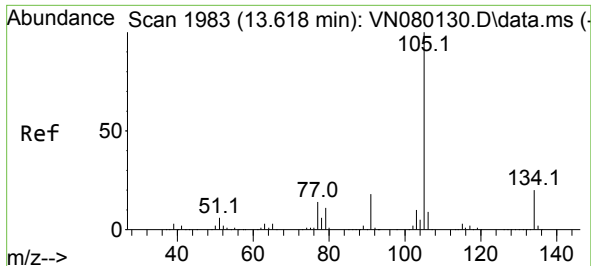
Tgt Ion:119 Resp: 430961
 Ion Ratio Lower Upper
 119 100
 91 74.9 33.9 101.7
 134 25.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.263 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion:105 Resp: 545493
 Ion Ratio Lower Upper
 105 100
 120 40.9 22.0 66.0

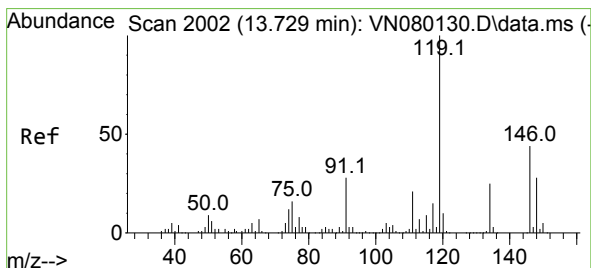
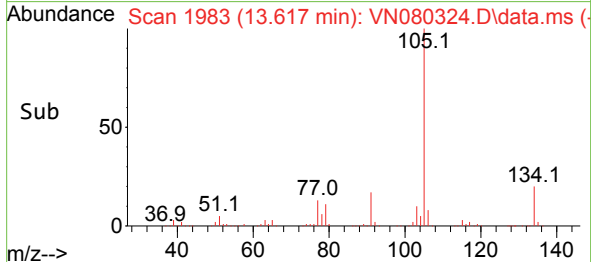
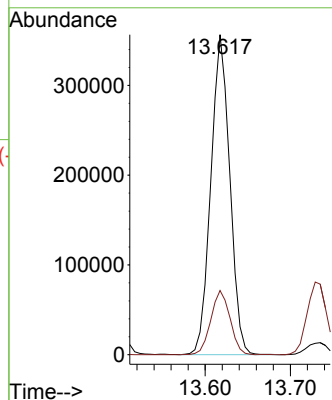
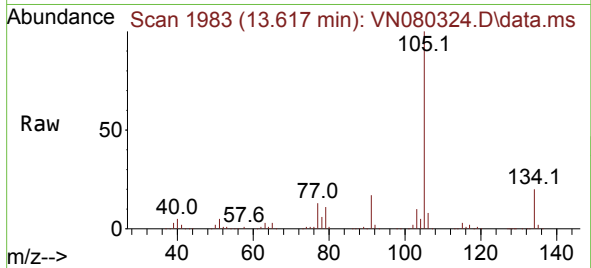




#85
 sec-Butylbenzene
 Concen: 54.128 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

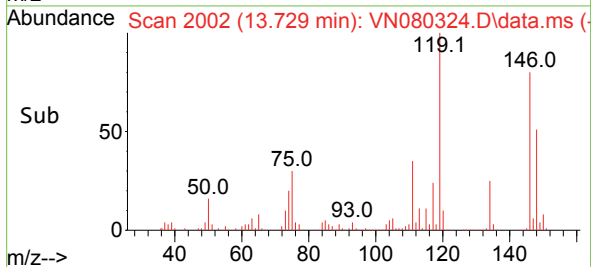
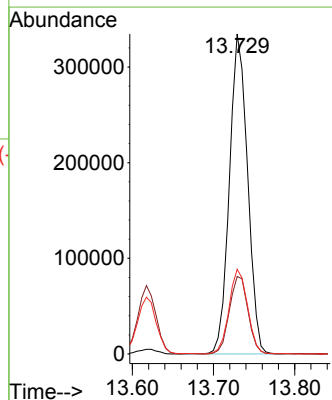
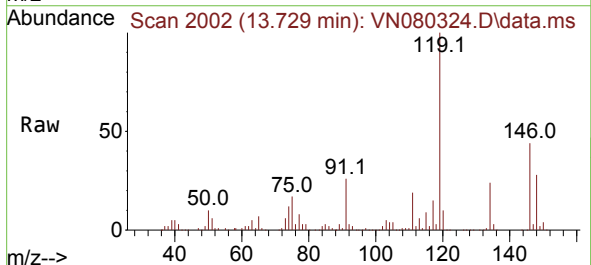
Instrument :
 MSVOA_N
 ClientSampleId :

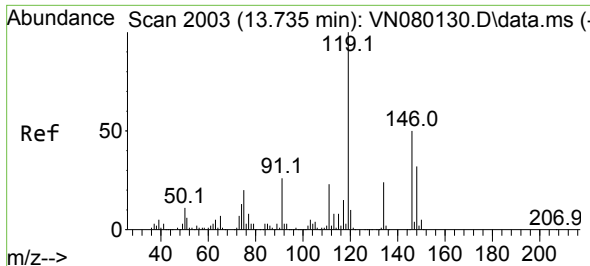
Tgt Ion:105 Resp: 550456
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 57.192 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion:119 Resp: 519552
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.0 12.4 37.2

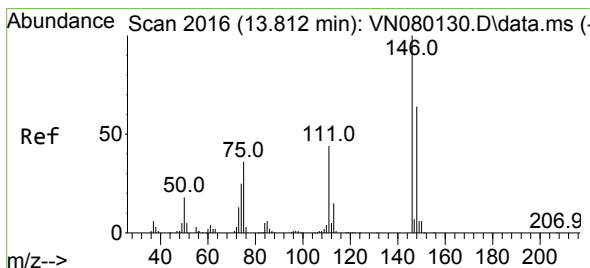
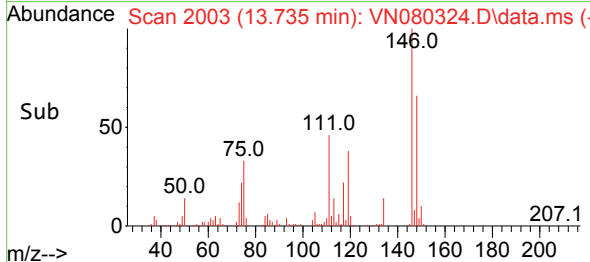
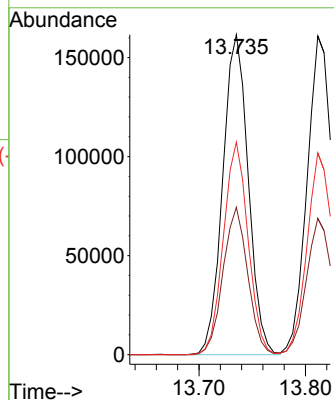
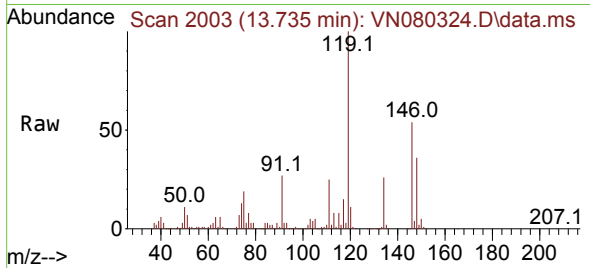




#87
 1,3-Dichlorobenzene
 Concen: 51.400 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

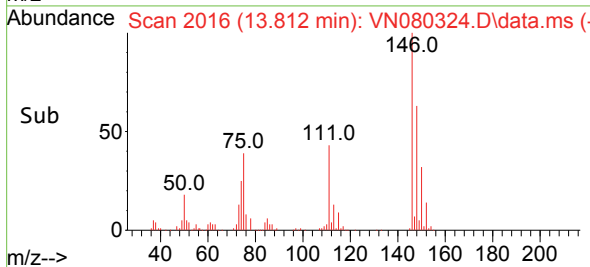
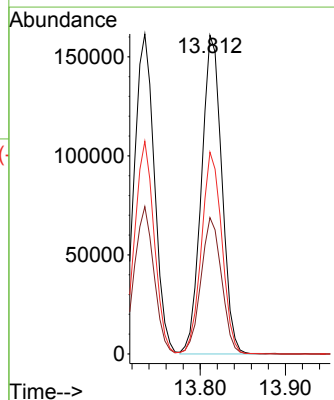
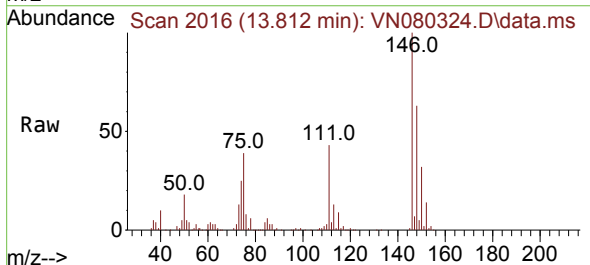
Instrument :
 MSVOA_N
 ClientSampleId :

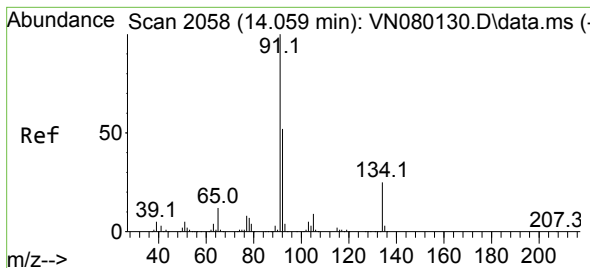
Tgt Ion:146 Resp: 268869
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.1 66.3
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.908 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080324.D
 Acq: 01 Dec 2023 16:34

Tgt Ion:146 Resp: 267617
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.6 61.8
 148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 53.614 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

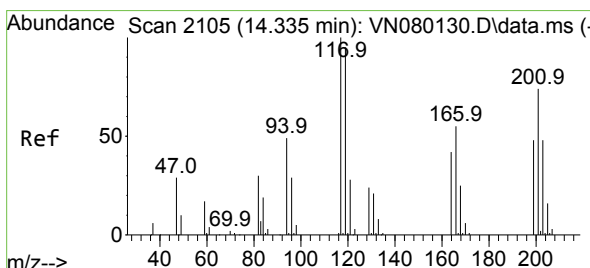
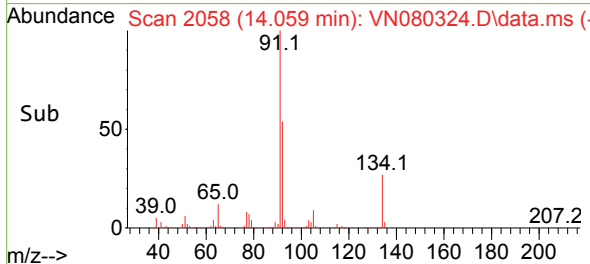
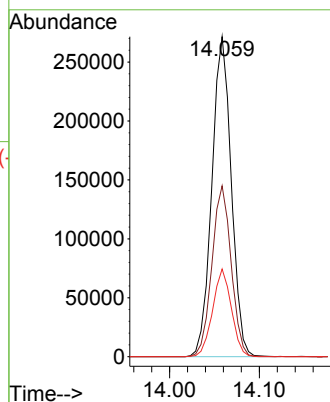
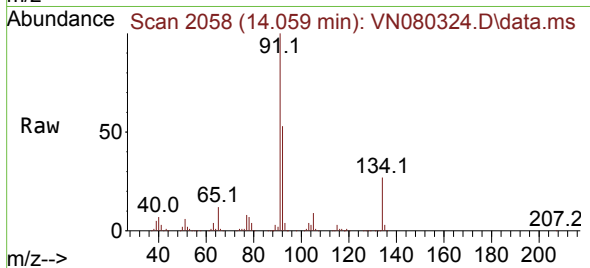
Tgt Ion: 91 Resp: 407661

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 49.863 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080324.D

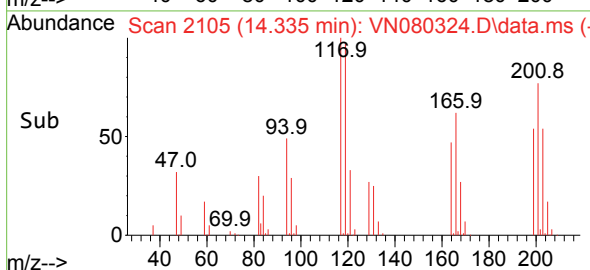
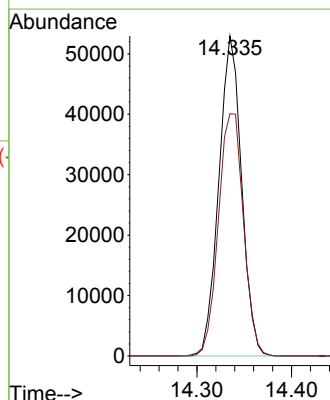
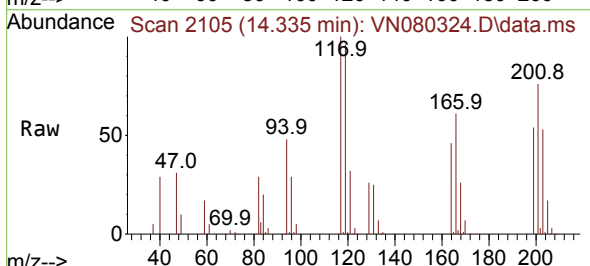
Acq: 01 Dec 2023 16:34

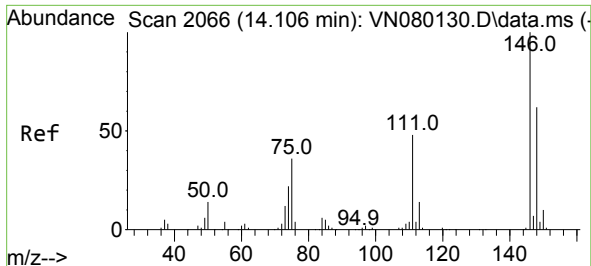
Tgt Ion: 117 Resp: 88308

Ion Ratio Lower Upper

117 100

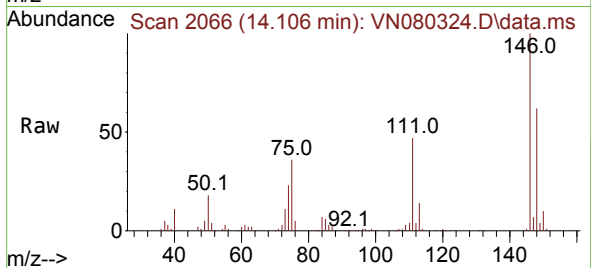
201 83.3 29.3 88.0



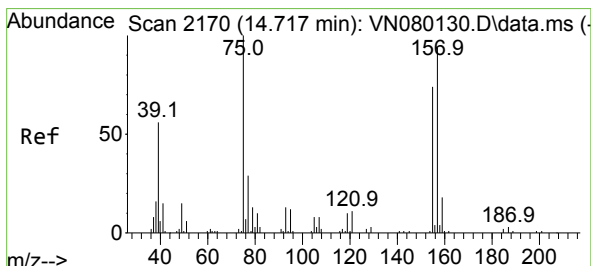
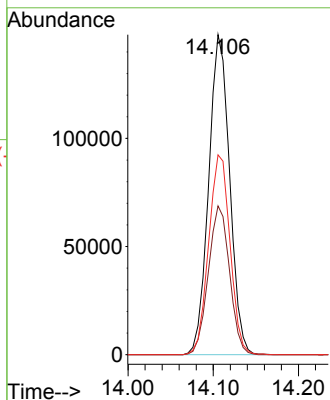
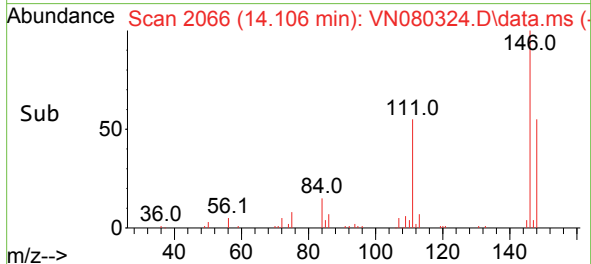


#91
1,2-Dichlorobenzene
Concen: 50.499 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34

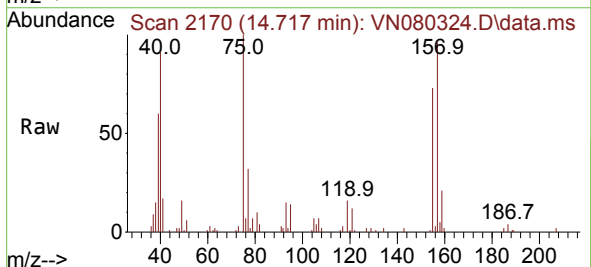
Instrument :
MSVOA_N
ClientSampleId :



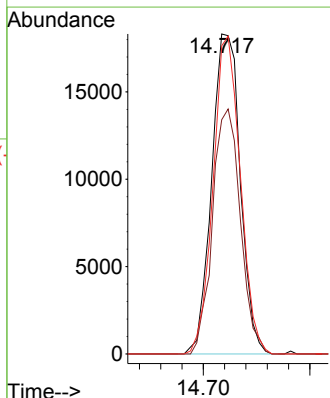
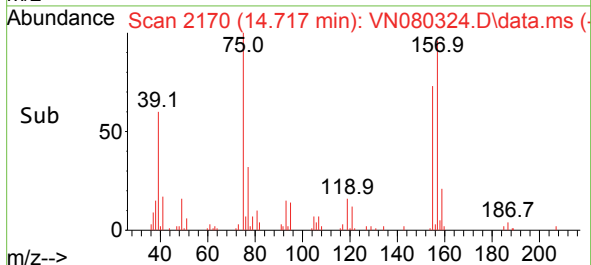
Tgt Ion:146 Resp: 252783
Ion Ratio Lower Upper
146 100
111 47.0 22.0 66.0
148 63.7 31.8 95.3

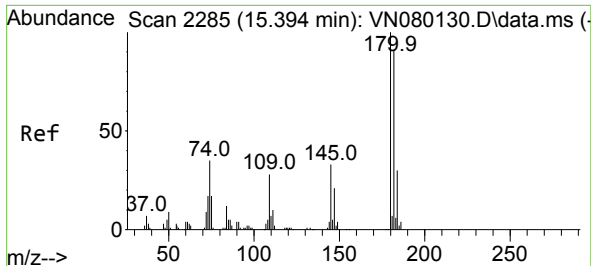


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.570 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080324.D
Acq: 01 Dec 2023 16:34



Tgt Ion: 75 Resp: 34080
Ion Ratio Lower Upper
75 100
155 74.8 39.1 117.2
157 94.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.741 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

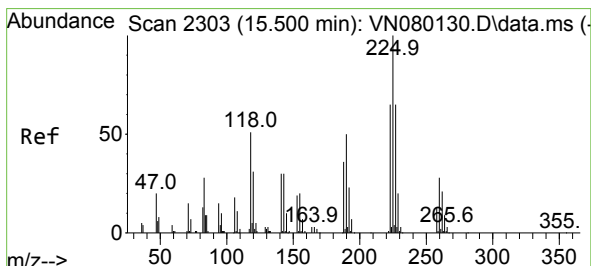
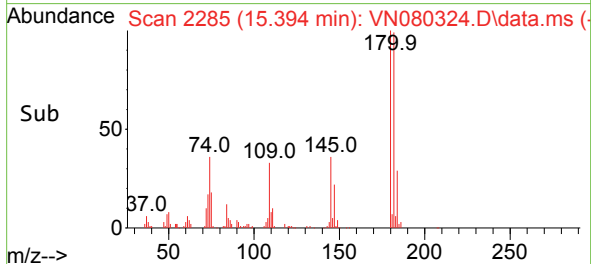
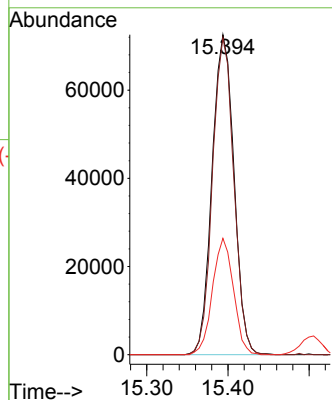
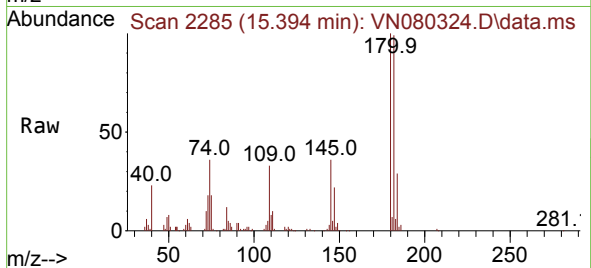
Tgt Ion:180 Resp: 136079

Ion Ratio Lower Upper

180 100

182 96.3 46.1 138.2

145 34.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 49.065 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

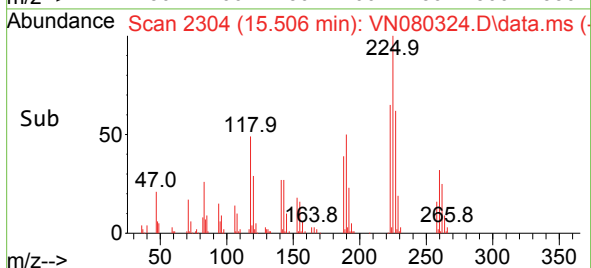
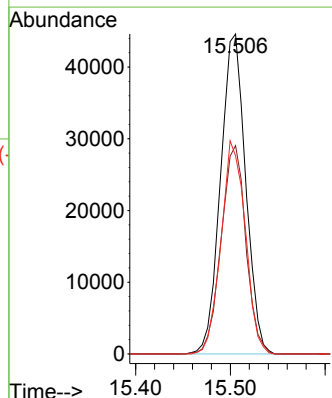
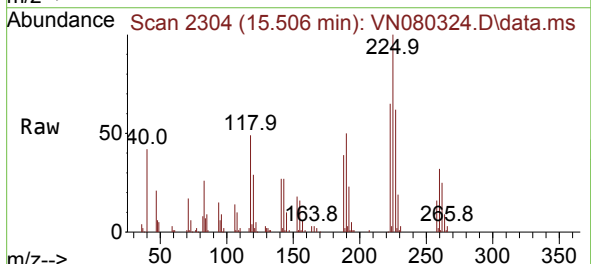
Tgt Ion:225 Resp: 82204

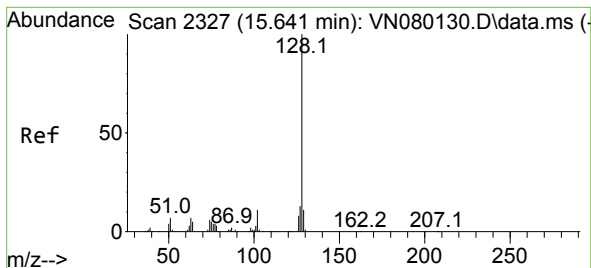
Ion Ratio Lower Upper

225 100

223 64.1 31.3 93.8

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 41.220 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

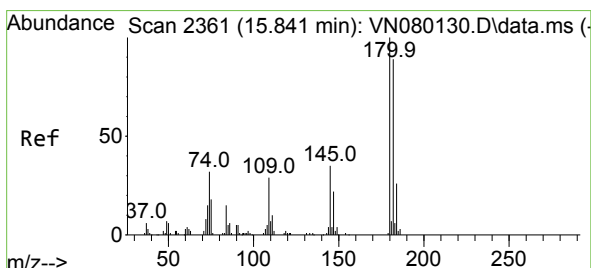
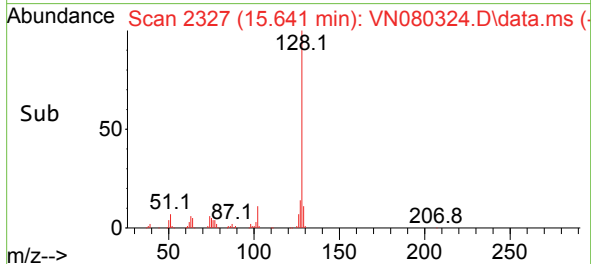
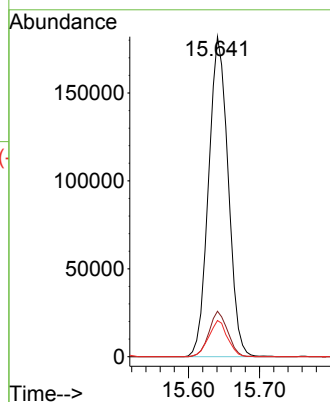
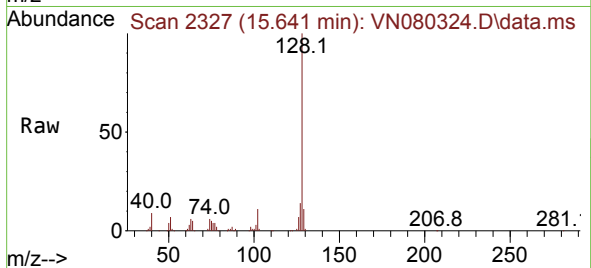
Tgt Ion:128 Resp: 347997

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.740 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080324.D

Acq: 01 Dec 2023 16:34

Tgt Ion:180 Resp: 127546

Ion Ratio Lower Upper

180 100

182 93.8 46.2 138.6

145 35.7 17.5 52.6

