

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080376.D
 Acq On : 06 Dec 2023 10:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 00:54:48 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	225683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182276	48.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.820%
35) Dibromofluoromethane	8.165	113	134910	52.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	10.571	98	461599	50.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.853	95	177038	50.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159728	47.514	ug/l	100
3) Chloromethane	2.365	50	115390	45.655	ug/l	97
4) Vinyl Chloride	2.518	62	128067	47.881	ug/l	100
5) Bromomethane	2.953	94	88115	48.528	ug/l	98
6) Chloroethane	3.118	64	85466	51.798	ug/l	100
7) Trichlorofluoromethane	3.500	101	280673	50.304	ug/l	99
8) Diethyl Ether	3.959	74	87380	53.849	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	126599	49.642	ug/l	92
10) Methyl Iodide	4.595	142	154260	55.970	ug/l	92
11) Tert butyl alcohol	5.512	59	98448	240.242	ug/l	98
12) 1,1-Dichloroethene	4.342	96	121434	50.909	ug/l	90
13) Acrolein	4.177	56	144137	397.449	ug/l	99
14) Allyl chloride	5.024	41	147077	49.008	ug/l	91
15) Acrylonitrile	5.718	53	278798	253.433	ug/l	99
16) Acetone	4.418	43	254036	202.969	ug/l	98
17) Carbon Disulfide	4.712	76	328896	46.179	ug/l	99
18) Methyl Acetate	5.024	43	193651	48.155	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	463565	55.031	ug/l	96
20) Methylene Chloride	5.277	84	145631	55.562	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	136843	52.221	ug/l	86
22) Diisopropyl ether	6.671	45	351415	52.926	ug/l	99
23) Vinyl Acetate	6.600	43	1041285	260.862	ug/l	94
24) 1,1-Dichloroethane	6.571	63	248657	51.419	ug/l	100
25) 2-Butanone	7.483	43	320723	215.677	ug/l	94
26) 2,2-Dichloropropane	7.494	77	250281	52.165	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	160372	53.980	ug/l	90
28) Bromochloromethane	7.812	49	86754	45.632	ug/l	99
29) Tetrahydrofuran	7.835	42	198521	248.661	ug/l	94
30) Chloroform	7.965	83	291534	53.936	ug/l	93
31) Cyclohexane	8.259	56	175075	43.202	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	278100	52.758	ug/l	98
36) 1,1-Dichloropropene	8.371	75	195144	52.831	ug/l	96
37) Ethyl Acetate	7.559	43	130463	50.920	ug/l	96
38) Carbon Tetrachloride	8.365	117	259431	55.347	ug/l	95
39) Methylcyclohexane	9.600	83	185963	52.214	ug/l	96
40) Benzene	8.606	78	568449	54.148	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76805	54.587	ug/l	93
42) 1,2-Dichloroethane	8.671	62	245452	57.149	ug/l	96
43) Isopropyl Acetate	8.688	43	233420	46.817	ug/l	98
44) Trichloroethene	9.353	130	152713	55.456	ug/l	98
45) 1,2-Dichloropropane	9.624	63	134753	55.234	ug/l	97
46) Dibromomethane	9.712	93	103627	56.113	ug/l #	88
47) Bromodichloromethane	9.888	83	235196	57.897	ug/l	93
48) Methyl methacrylate	9.682	41	139271	54.204	ug/l	93
49) 1,4-Dioxane	9.688	88	40679	951.677	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	664388	257.388	ug/l	100
52) Toluene	10.629	92	368799	56.135	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	243080	58.241	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	250974	58.858	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	142851	56.969	ug/l	99
56) Ethyl methacrylate	10.876	69	154370	60.262	ug/l	93
57) 1,3-Dichloropropane	11.165	76	245992	56.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	345464	239.380	ug/l	100
59) 2-Hexanone	11.194	43	496361	239.303	ug/l	98
60) Dibromochloromethane	11.359	129	179112	59.663	ug/l	99
61) 1,2-Dibromoethane	11.471	107	145076	56.712	ug/l	97
64) Tetrachloroethene	11.106	164	149080	62.130	ug/l	99
65) Chlorobenzene	11.894	112	387514	54.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	161885	58.554	ug/l	93
67) Ethyl Benzene	11.965	91	701277	55.317	ug/l	95
68) m/p-Xylenes	12.071	106	523656	113.290	ug/l	88
69) o-Xylene	12.400	106	254727	58.476	ug/l	90
70) Styrene	12.412	104	380803	58.733	ug/l	92
71) Bromoform	12.576	173	121768	59.391	ug/l #	98
73) Isopropylbenzene	12.694	105	660310	54.817	ug/l	98
74) N-amyl acetate	12.494	43	184932	49.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	174624	48.436	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	249980	65.817	ug/l	75
77) Bromobenzene	12.982	156	166668	54.879	ug/l	94
78) n-propylbenzene	13.035	91	726872	53.963	ug/l	100
79) 2-Chlorotoluene	13.129	91	478528	54.698	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	569070	54.271	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	56319	50.098	ug/l #	84
82) 4-Chlorotoluene	13.223	91	486245	54.253	ug/l	97
83) tert-Butylbenzene	13.441	119	450827	53.614	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	577136	55.897	ug/l	97
85) sec-Butylbenzene	13.617	105	579444	54.472	ug/l	99
86) p-Isopropyltoluene	13.729	119	536429	56.452	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	290683	53.125	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	291406	52.995	ug/l	98
89) n-Butylbenzene	14.059	91	438042	55.075	ug/l	99
90) Hexachloroethane	14.335	117	94838	51.194	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	280633	53.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39218	46.833	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	156133	51.270	ug/l	99
94) Hexachlorobutadiene	15.506	225	87001	49.644	ug/l	100
95) Naphthalene	15.647	128	421197	47.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	146157	51.204	ug/l	98

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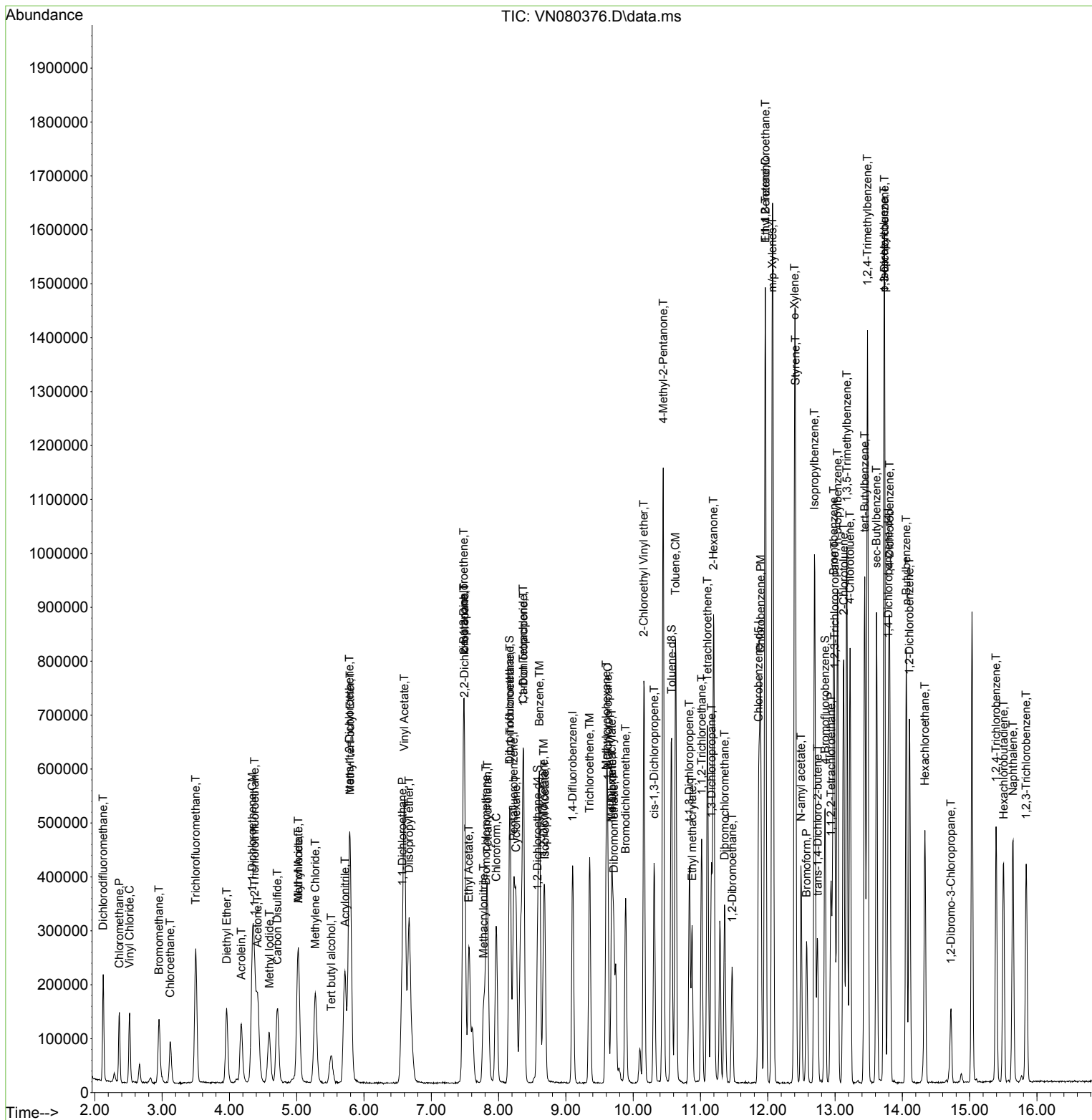
Instrument :
MSVOA_N
ClientSampleId :

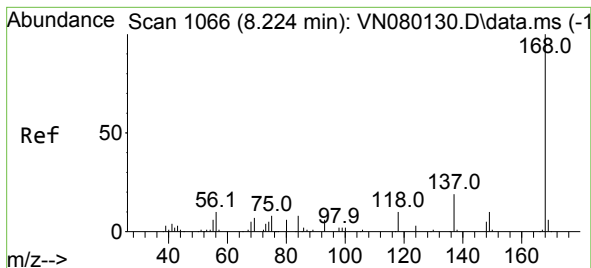
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

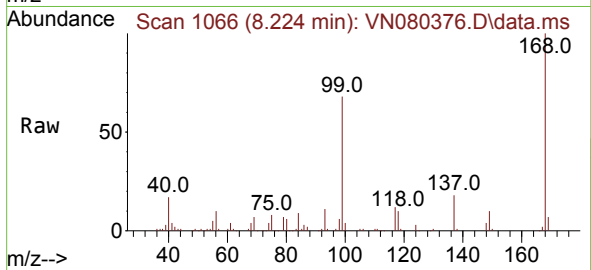
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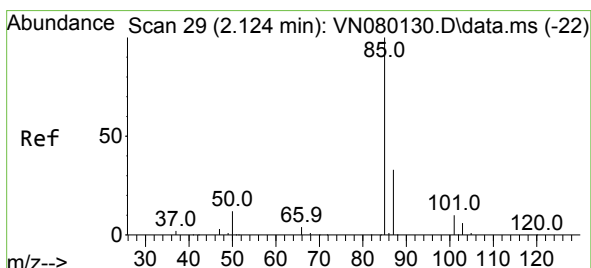
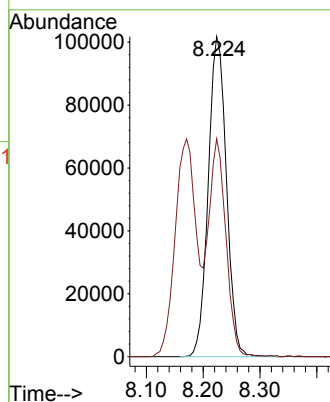
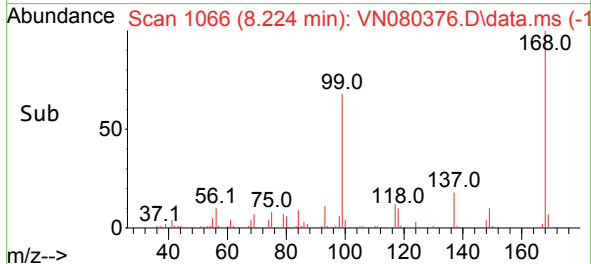


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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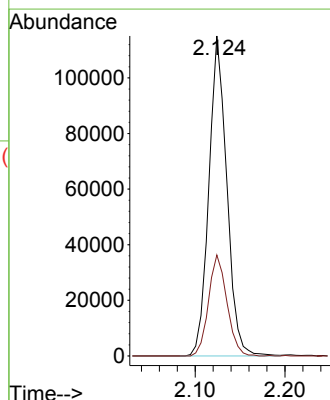
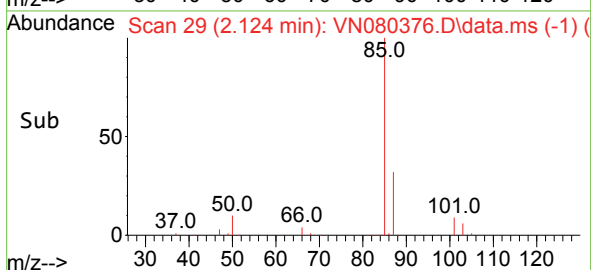
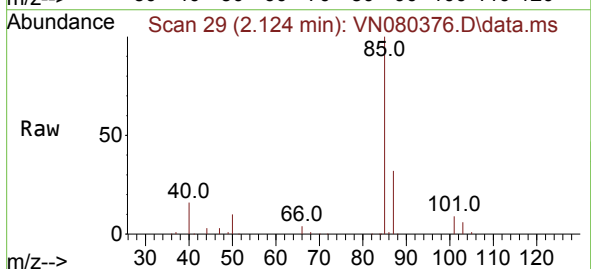


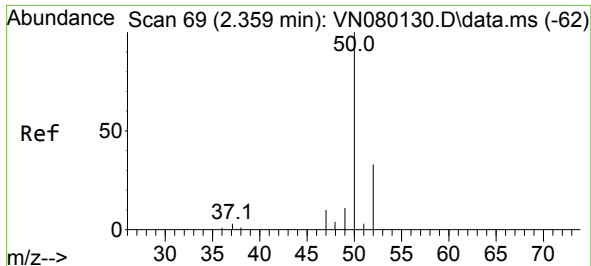
Tgt Ion:168 Resp: 225683
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 47.514 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 85 Resp: 159728
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4

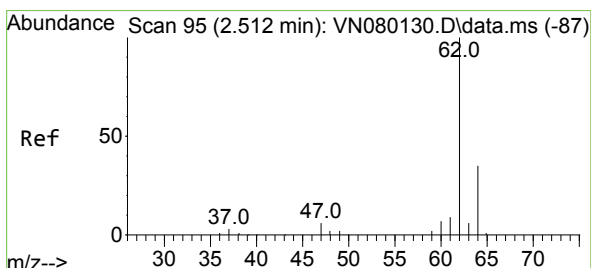
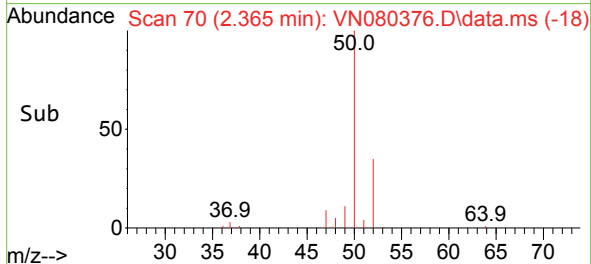
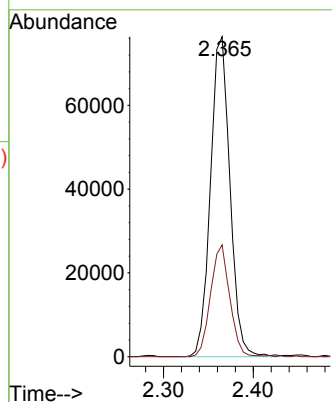
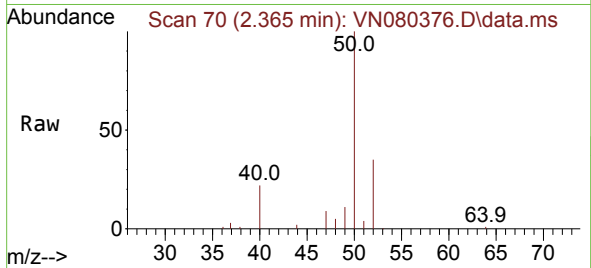




#3
Chloromethane
Concen: 45.655 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080376.D
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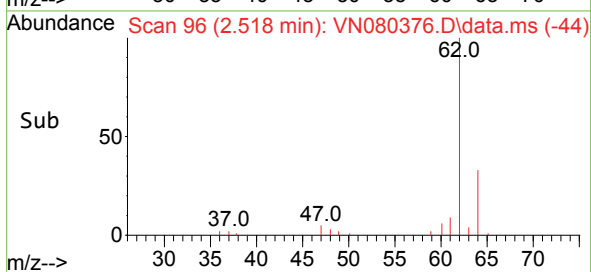
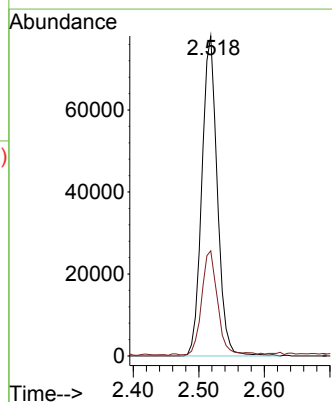
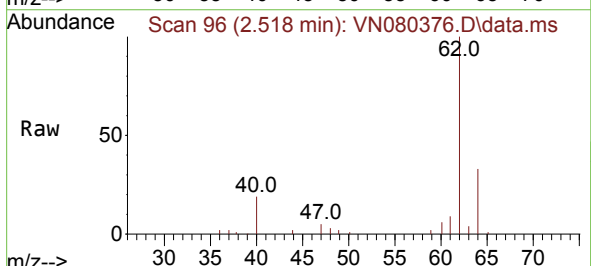
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ClientSampleId :

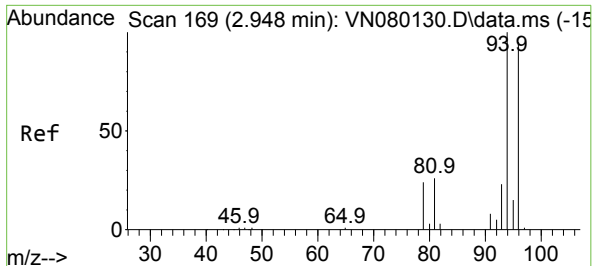
Tgt Ion: 50 Resp: 115390
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7



#4
Vinyl Chloride
Concen: 47.881 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 62 Resp: 128067
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2

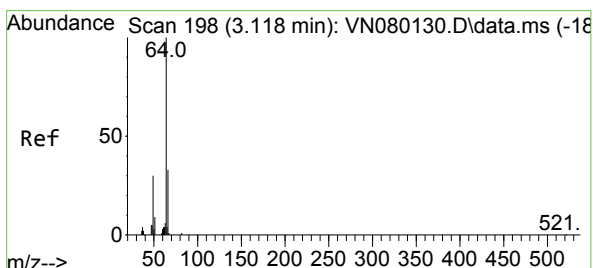
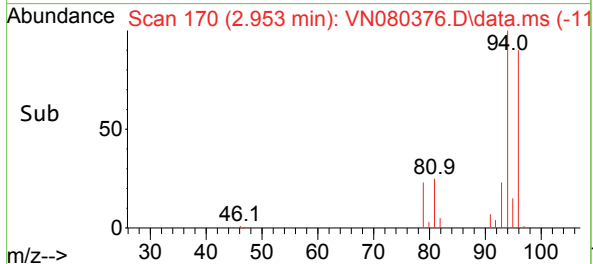
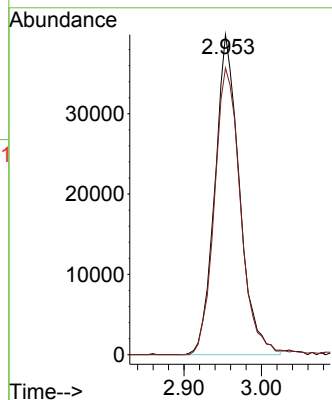
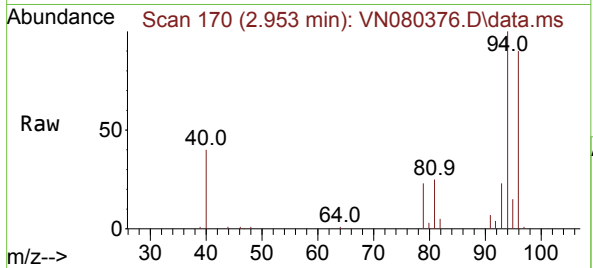




#5
Bromomethane
Concen: 48.528 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

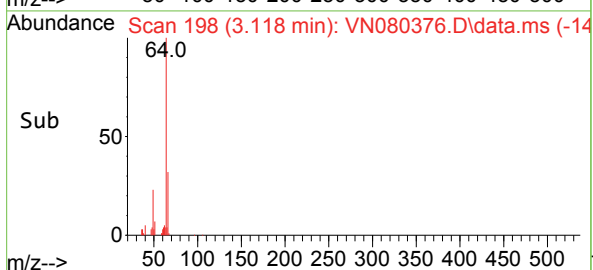
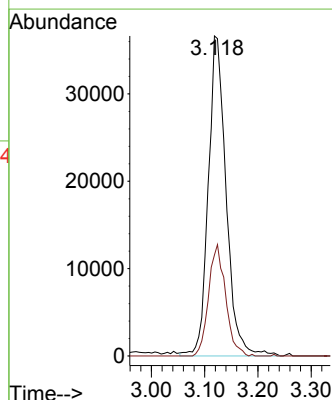
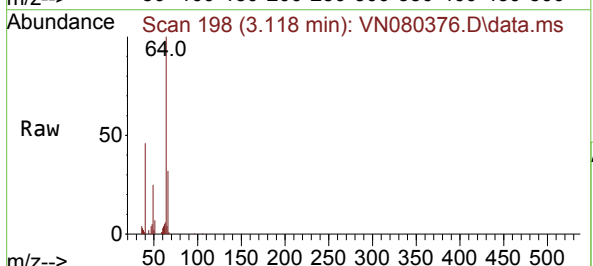
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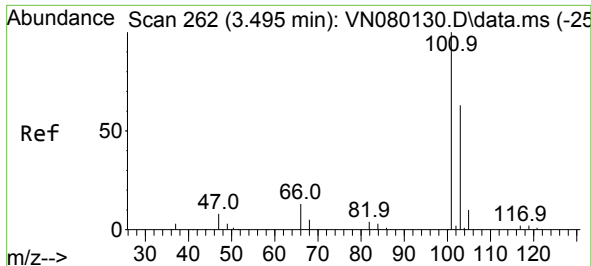
Tgt Ion: 94 Resp: 88115
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7



#6
Chloroethane
Concen: 51.798 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 64 Resp: 85466
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

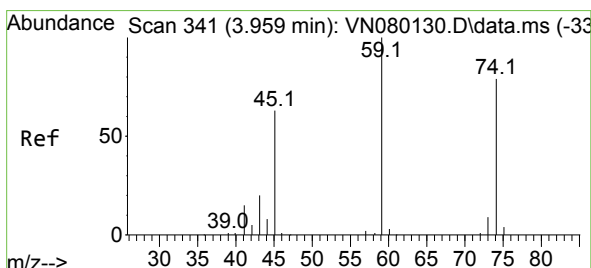
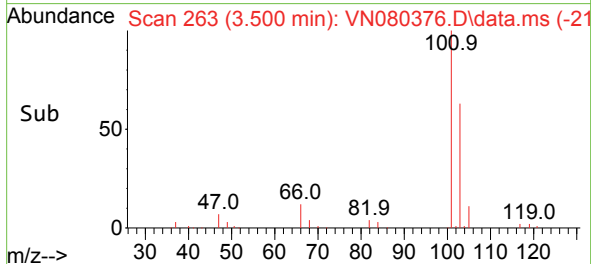
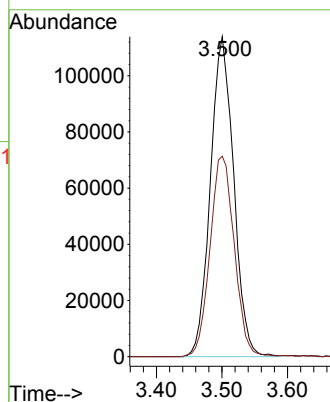
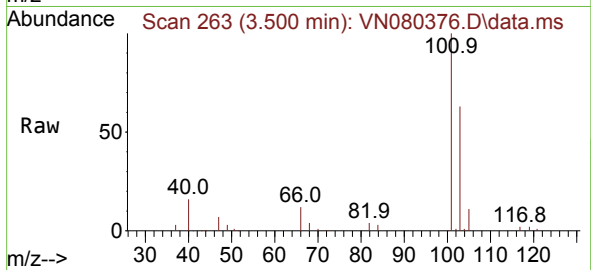




#7
 Trichlorofluoromethane
 Concen: 50.304 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

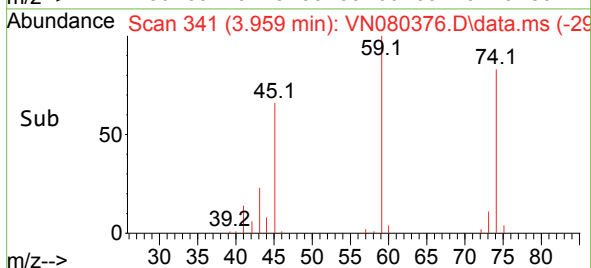
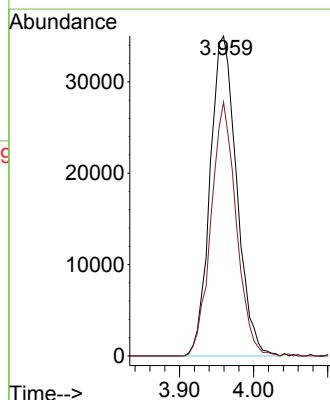
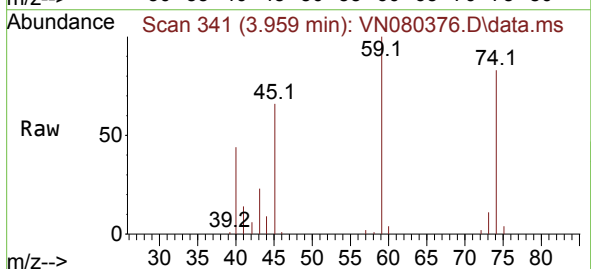
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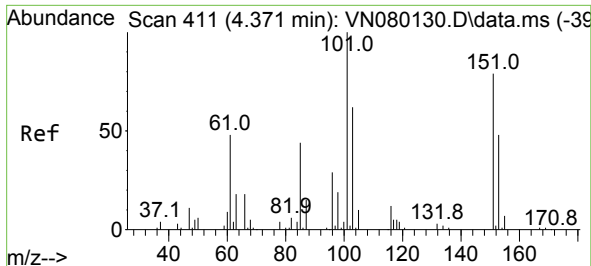
Tgt Ion:101 Resp: 280673
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 53.849 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080376.D
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Tgt Ion: 74 Resp: 87380
 Ion Ratio Lower Upper
 74 100
 45 75.1 34.4 103.3

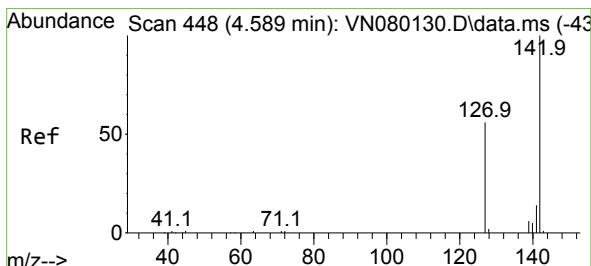
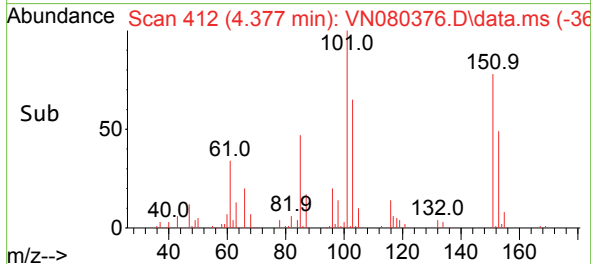
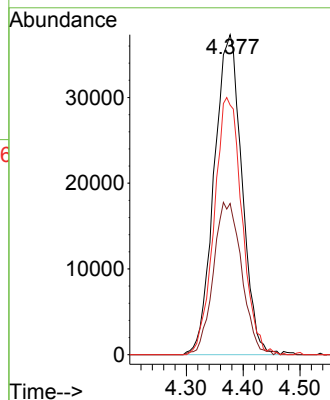
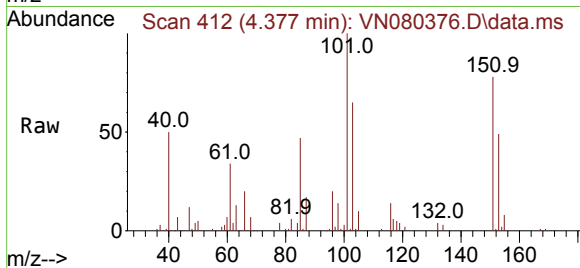




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.642 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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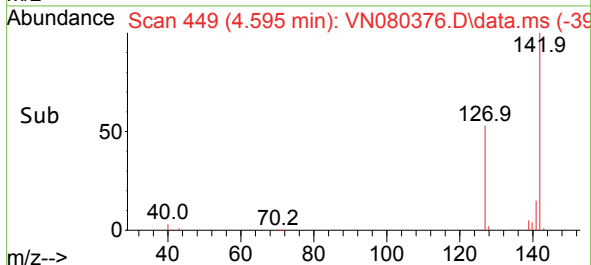
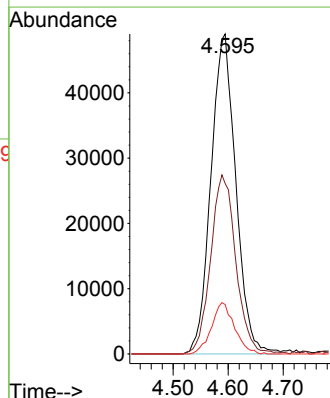
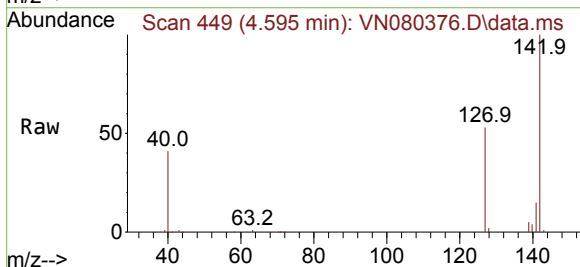
Instrument :
MSVOA_N
ClientSampleId :

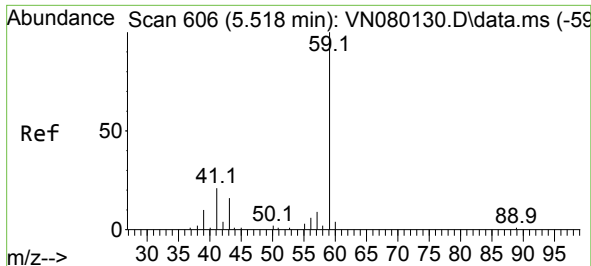
Tgt Ion:101 Resp: 126599
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 80.5 57.6 86.4



#10
Methyl Iodide
Concen: 55.970 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:142 Resp: 154260
Ion Ratio Lower Upper
142 100
127 53.2 37.6 56.4
141 15.5 11.4 17.0

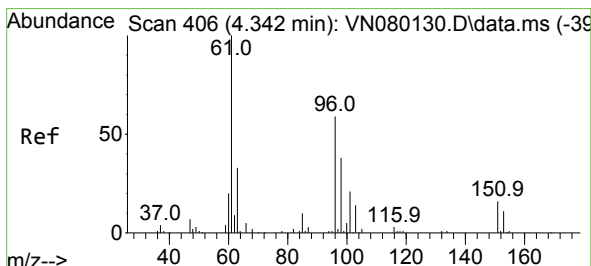
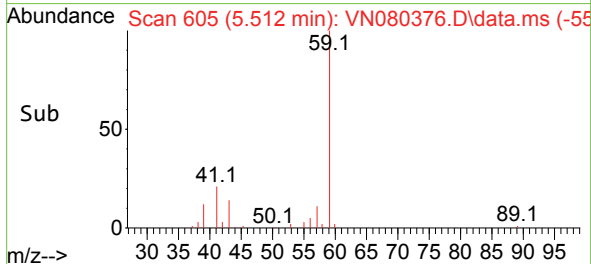
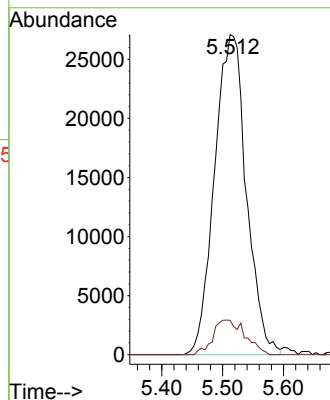
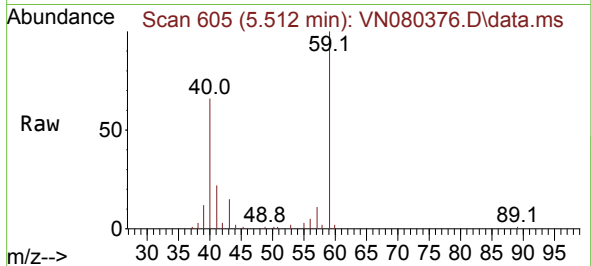




#11
Tert butyl alcohol
Concen: 240.242 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

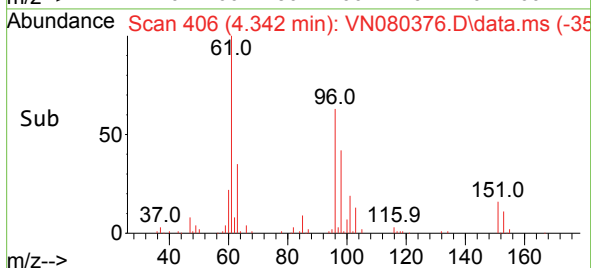
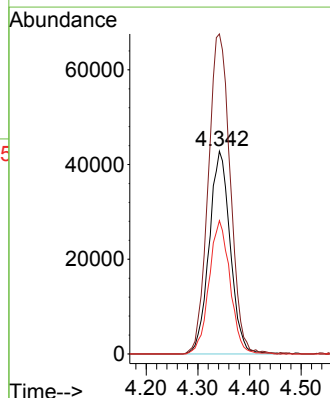
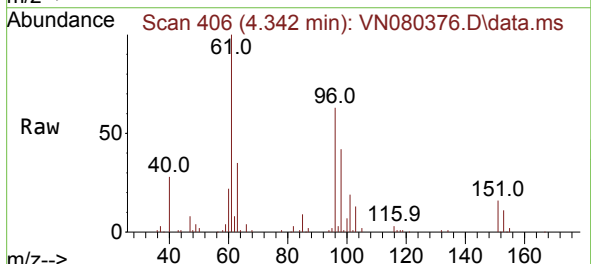
Instrument :
MSVOA_N
ClientSampleId :

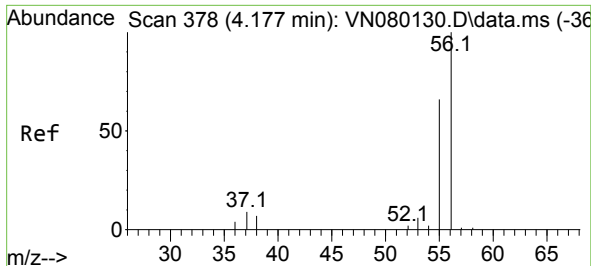
Tgt Ion: 59 Resp: 98448
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.909 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 96 Resp: 121434
Ion Ratio Lower Upper
96 100
61 157.8 112.7 169.1
98 65.8 51.2 76.8





#13

Acrolein

Concen: 397.449 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

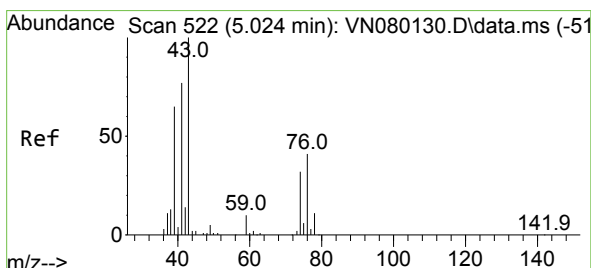
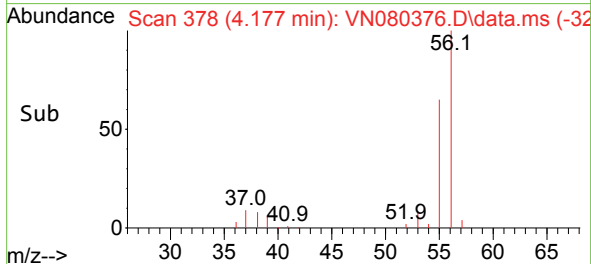
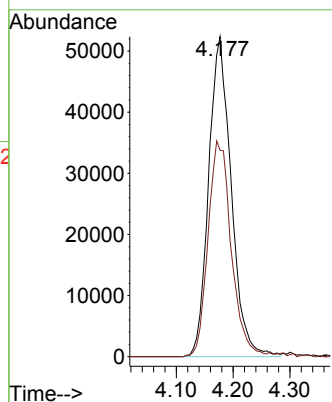
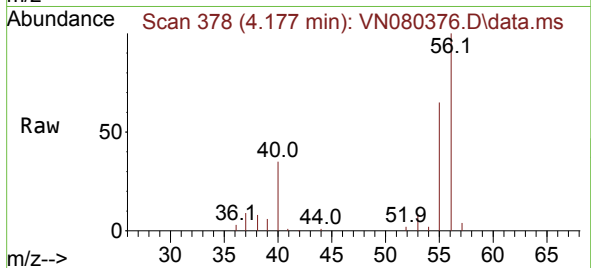
ClientSampleId :

Tgt Ion: 56 Resp: 144137

Ion Ratio Lower Upper

56 100

55 69.2 54.5 81.7



#14

Allyl chloride

Concen: 49.008 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

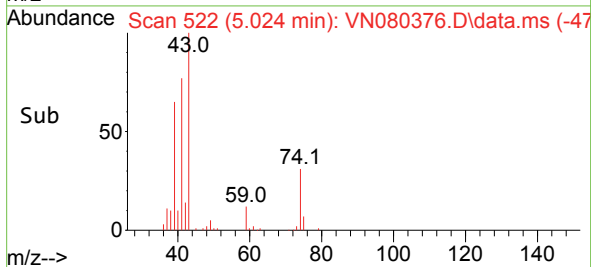
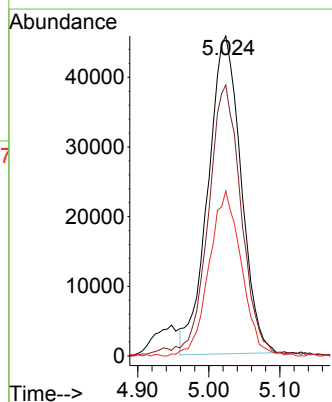
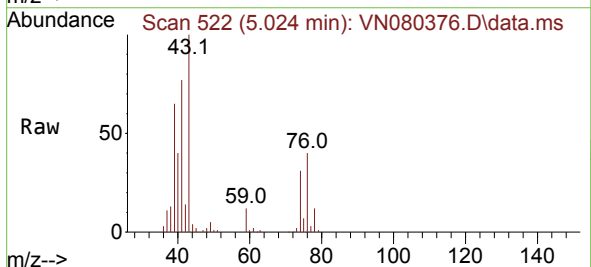
Tgt Ion: 41 Resp: 147077

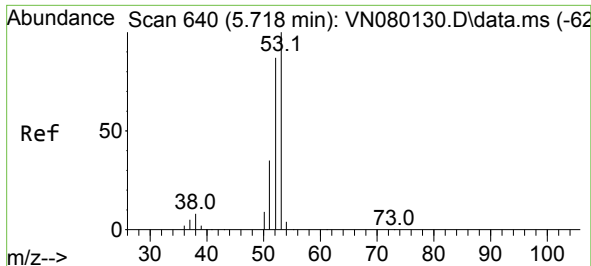
Ion Ratio Lower Upper

41 100

39 84.2 58.8 88.2

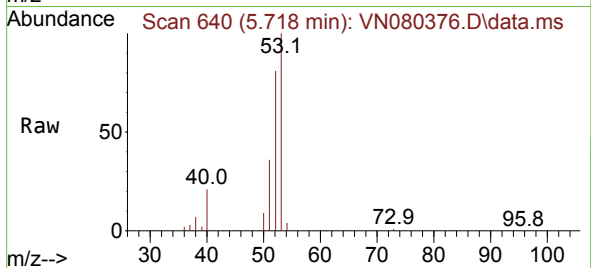
76 51.0 39.1 58.7



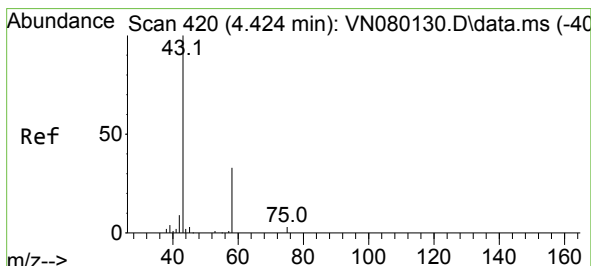
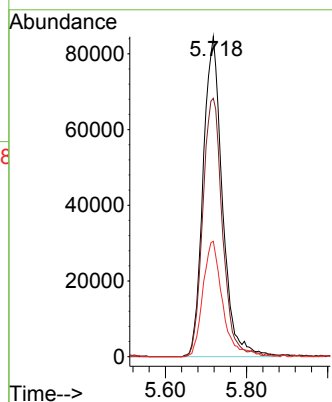
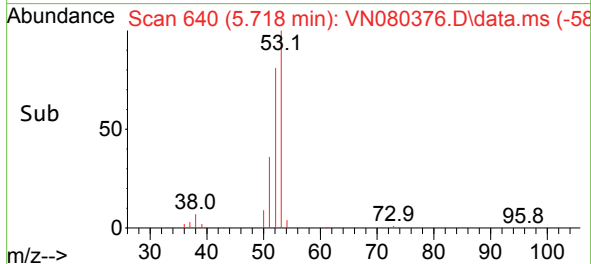


#15
Acrylonitrile
Concen: 253.433 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :

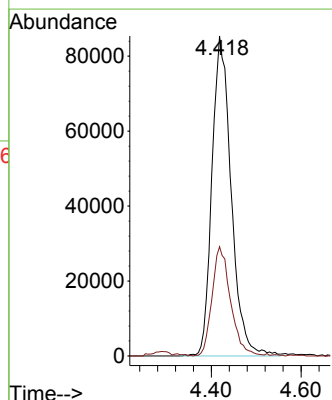
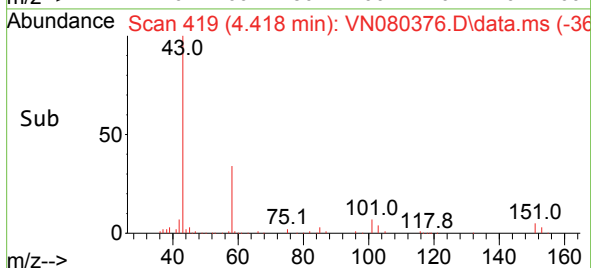
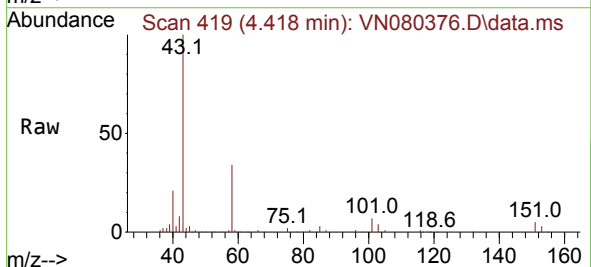


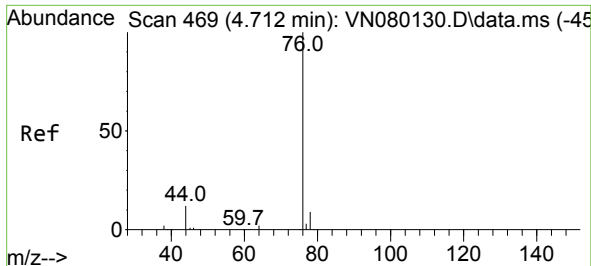
Tgt Ion: 53 Resp: 278798
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 202.969 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 43 Resp: 254036
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0

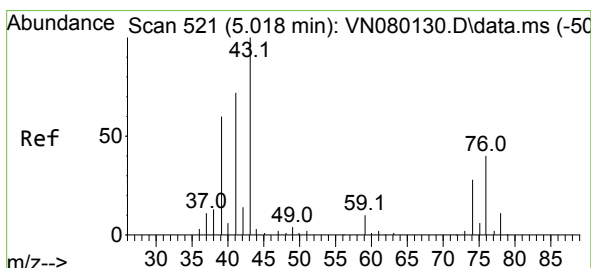
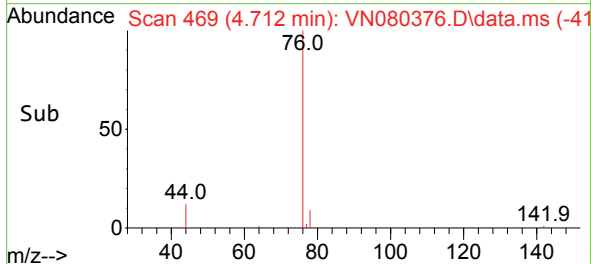
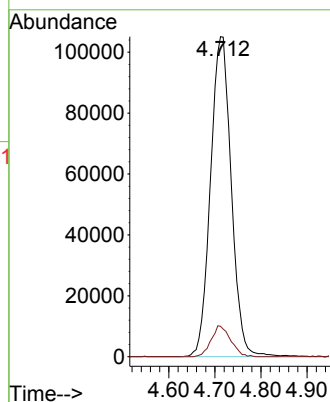
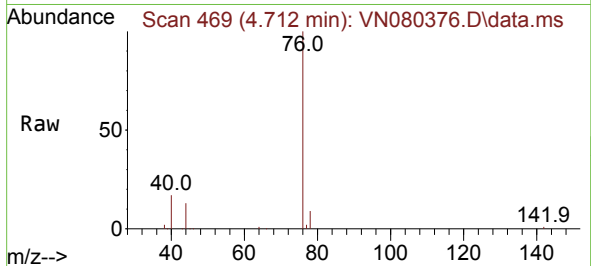




#17
Carbon Disulfide
Concen: 46.179 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

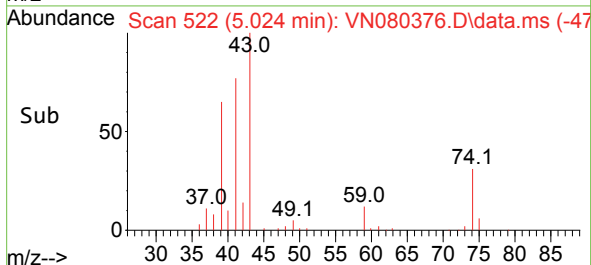
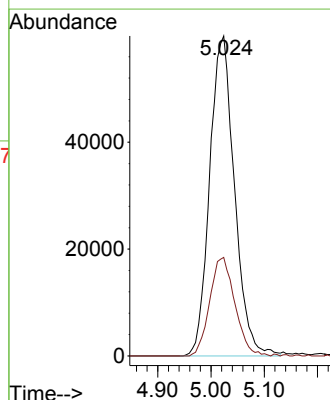
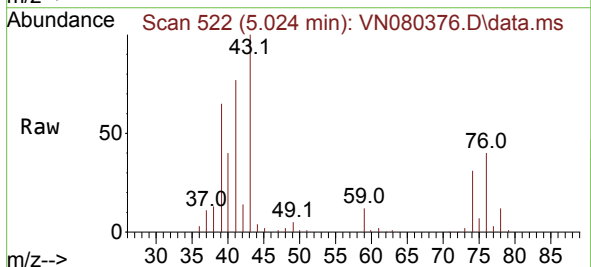
Instrument :
MSVOA_N
ClientSampleId :

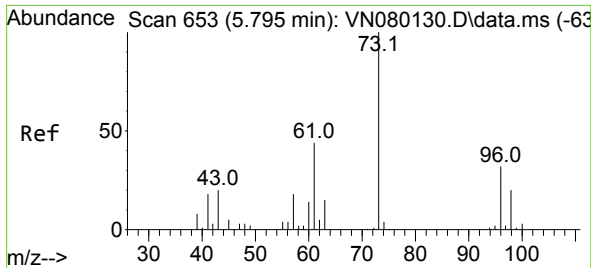
Tgt Ion: 76 Resp: 328896
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 48.155 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 43 Resp: 193651
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4

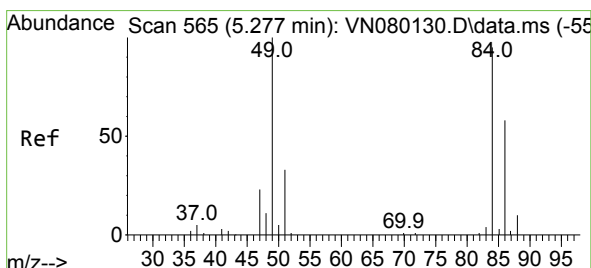
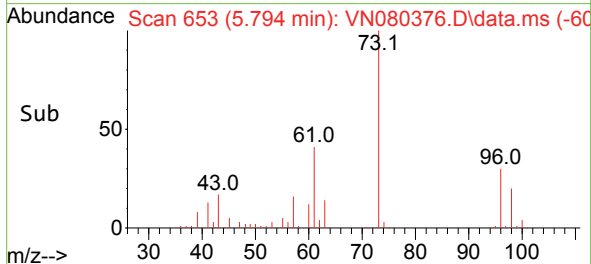
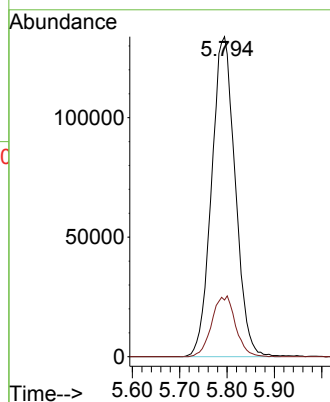
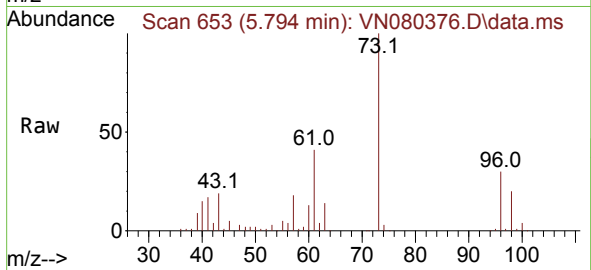




#19
Methyl tert-butyl Ether
Concen: 55.031 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

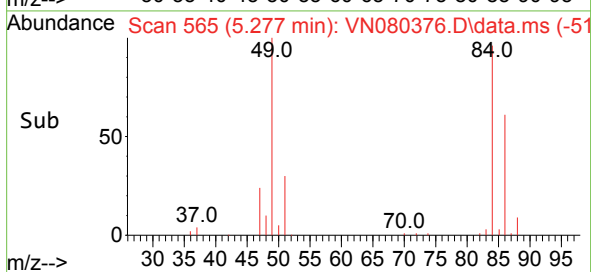
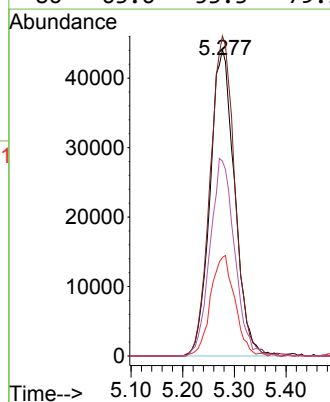
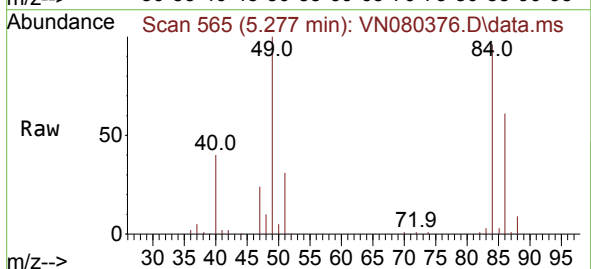
Instrument :
MSVOA_N
ClientSampleId :

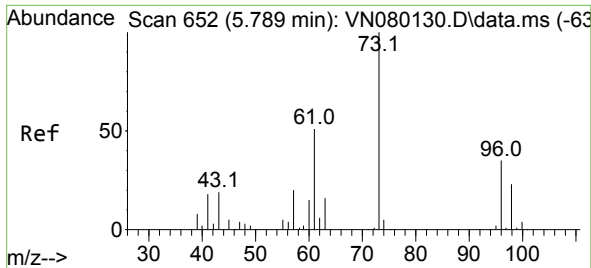
Tgt Ion: 73 Resp: 463565
Ion Ratio Lower Upper
73 100
57 17.7 15.6 23.4



#20
Methylene Chloride
Concen: 55.562 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 84 Resp: 145631
Ion Ratio Lower Upper
84 100
49 104.4 79.7 119.5
51 32.2 25.2 37.8
86 63.6 53.3 79.9

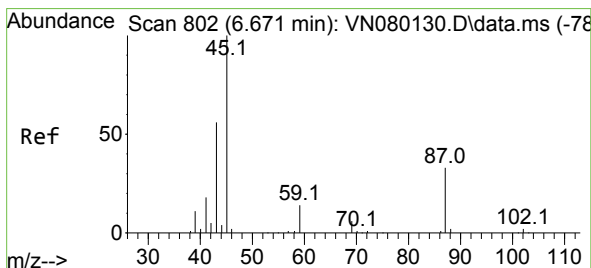
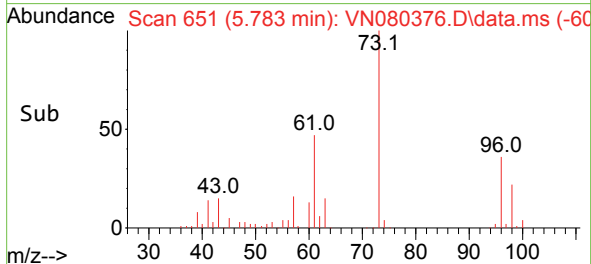
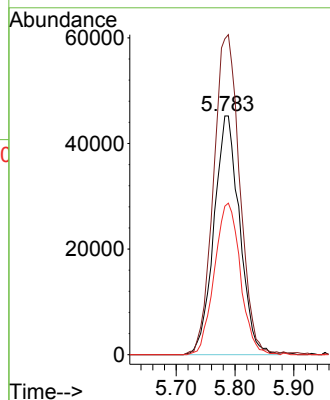
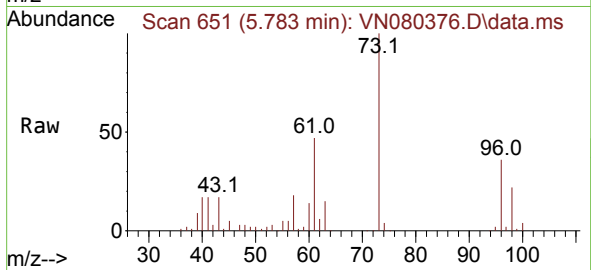




#21
trans-1,2-Dichloroethene
Concen: 52.221 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

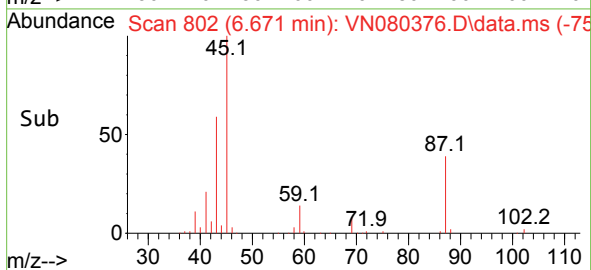
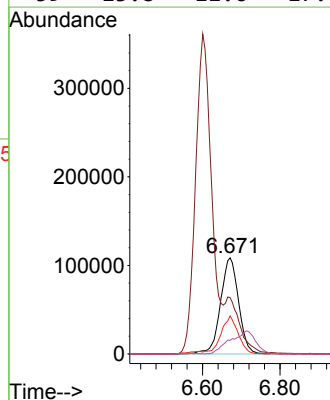
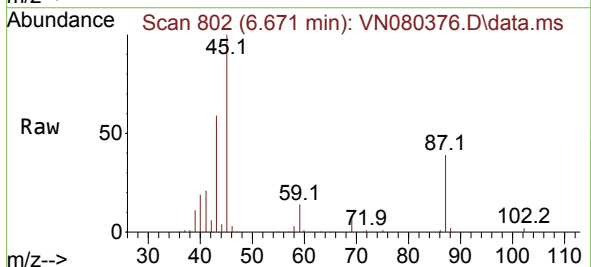
Instrument :
MSVOA_N
ClientSampleId :

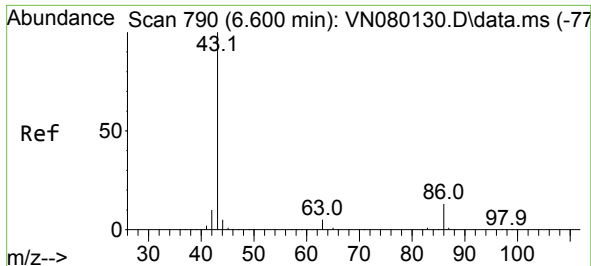
Tgt Ion: 96 Resp: 136843
Ion Ratio Lower Upper
96 100
61 132.3 90.1 135.1
98 62.2 46.4 69.6



#22
Diisopropyl ether
Concen: 52.926 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 45 Resp: 351415
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 39.4 31.8 47.8
59 13.8 11.6 17.4

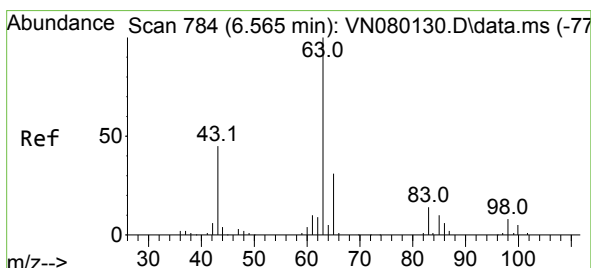
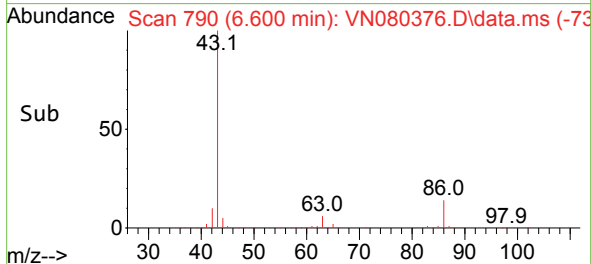
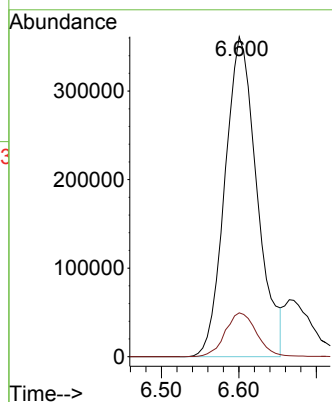
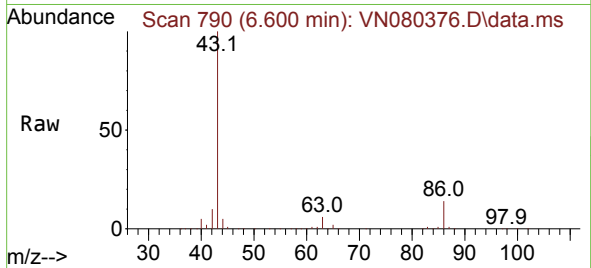




#23
 Vinyl Acetate
 Concen: 260.862 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

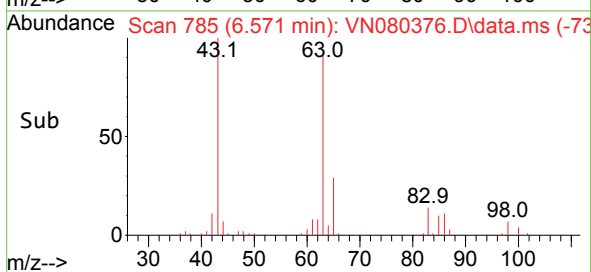
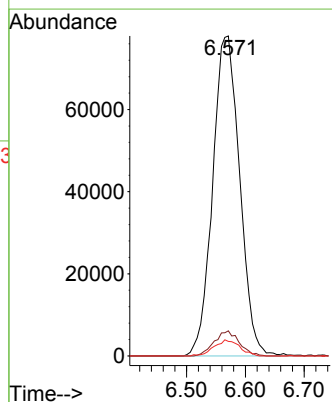
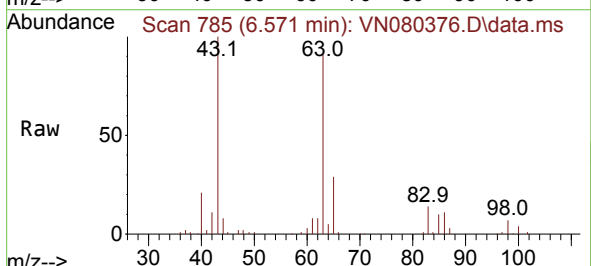
Instrument :
 MSVOA_N
 ClientSampleId :

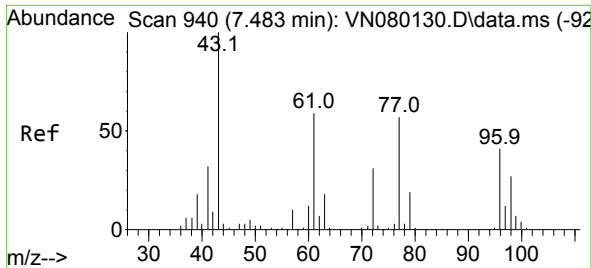
Tgt Ion: 43 Resp: 1041285
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 51.419 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 63 Resp: 248657
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.6 2.5 7.4

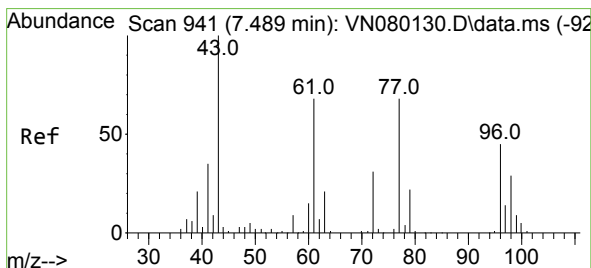
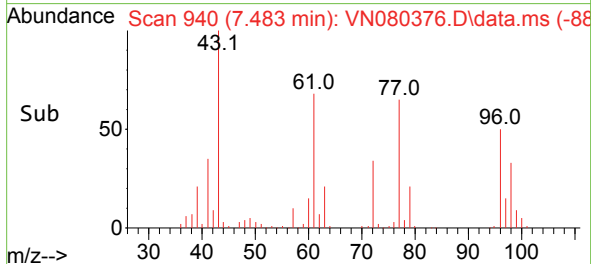
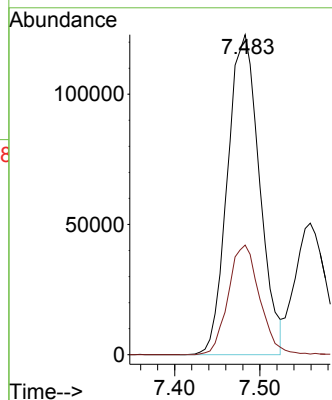
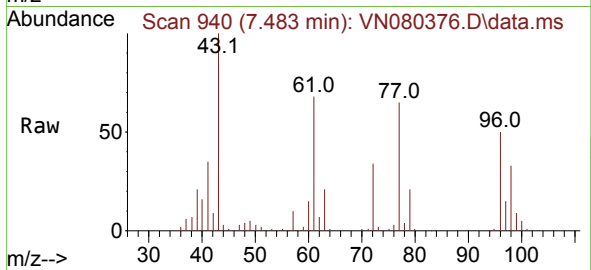




#25
2-Butanone
Concen: 215.677 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

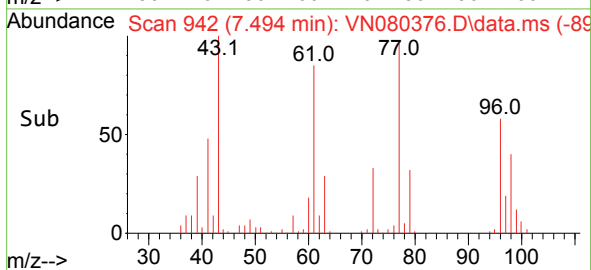
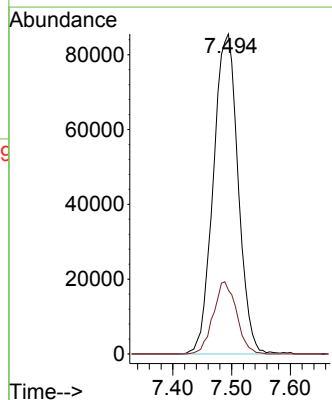
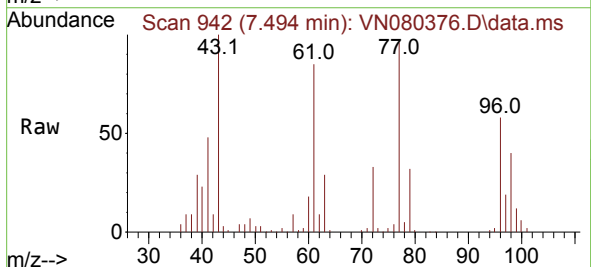
Instrument :
MSVOA_N
ClientSampleId :

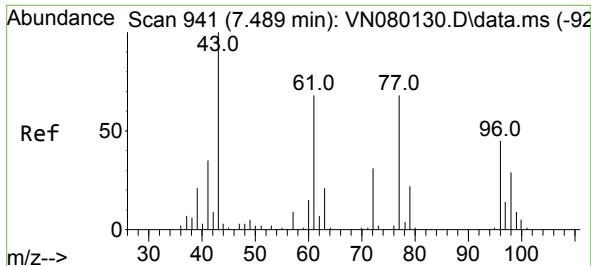
Tgt Ion: 43 Resp: 320723
Ion Ratio Lower Upper
43 100
72 34.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 52.165 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 77 Resp: 250281
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

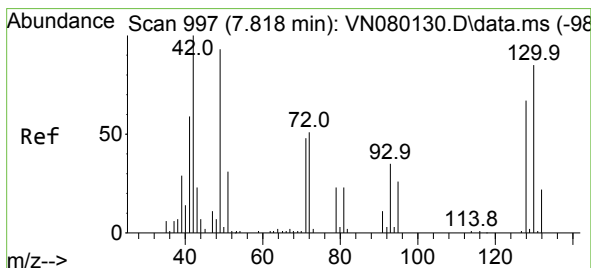
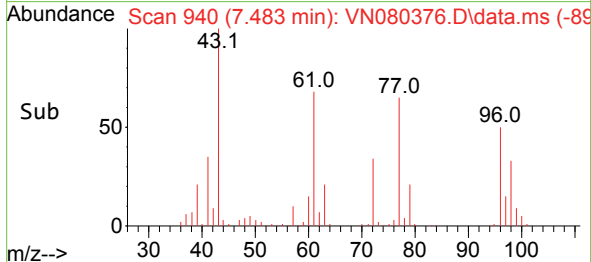
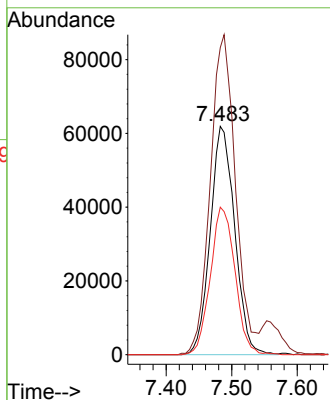
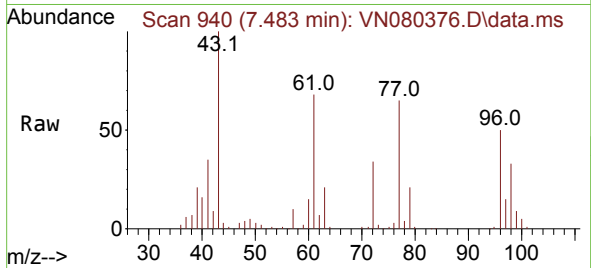




#27
 cis-1,2-Dichloroethene
 Concen: 53.980 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

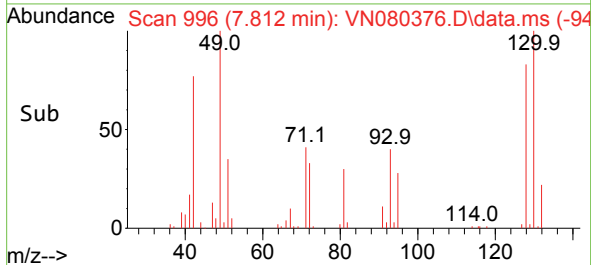
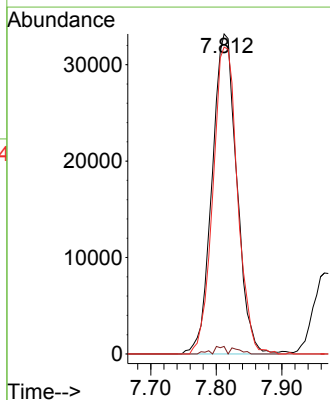
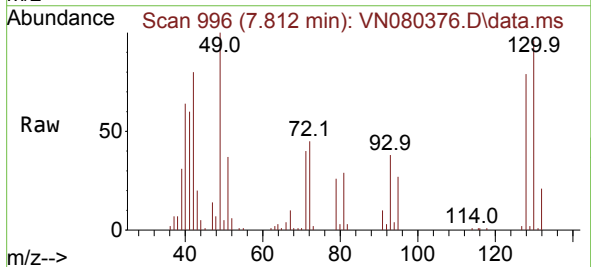
Instrument :
 MSVOA_N
 ClientSampleId :

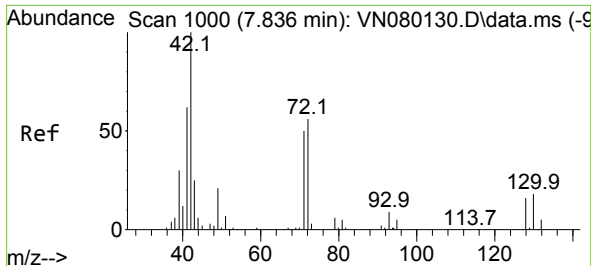
Tgt Ion: 96 Resp: 160372
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 255.2
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.632 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 49 Resp: 86754
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 95.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 248.661 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

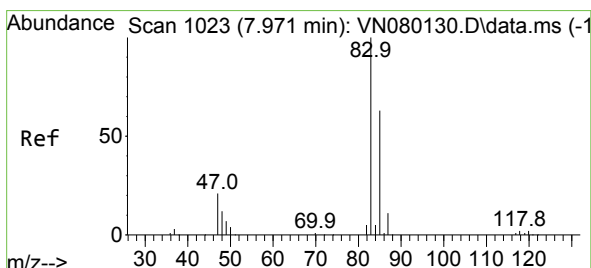
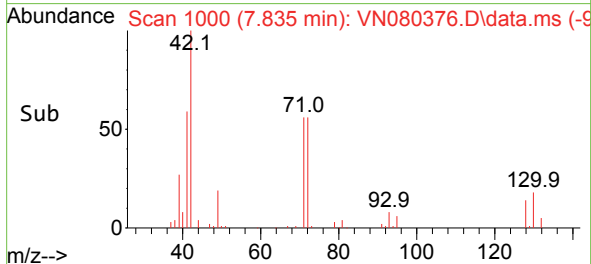
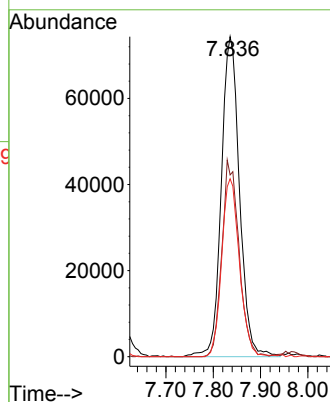
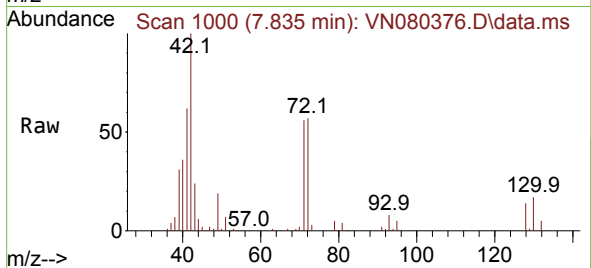
Tgt Ion: 42 Resp: 198521

Ion Ratio Lower Upper

42 100

72 57.7 49.8 74.6

71 54.2 47.4 71.2



#30

Chloroform

Concen: 53.936 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080376.D

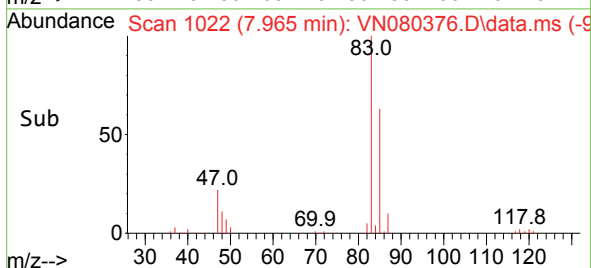
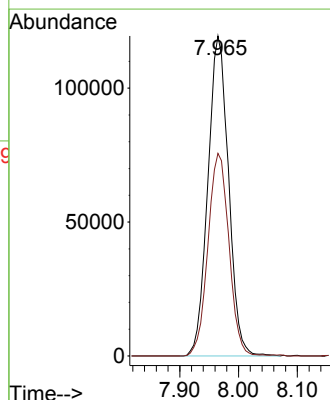
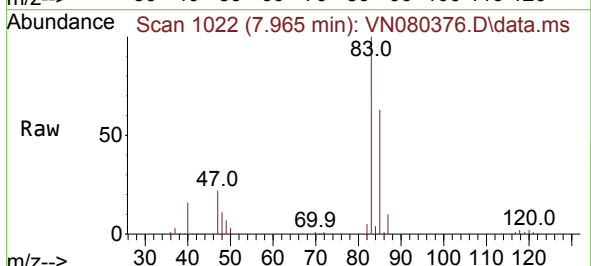
Acq: 06 Dec 2023 10:53

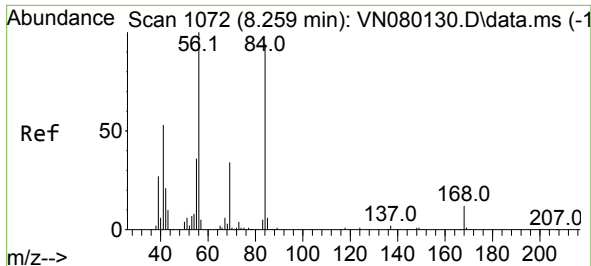
Tgt Ion: 83 Resp: 291534

Ion Ratio Lower Upper

83 100

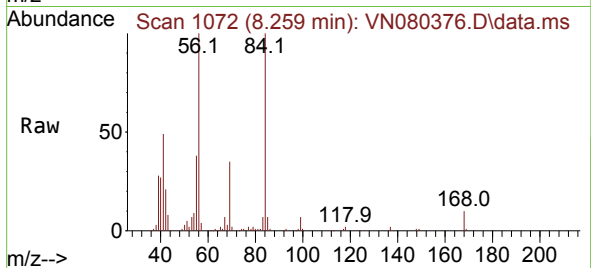
85 63.3 55.4 83.0



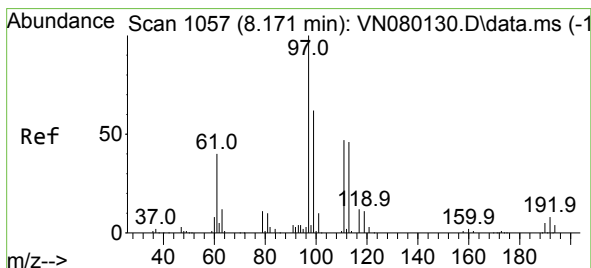
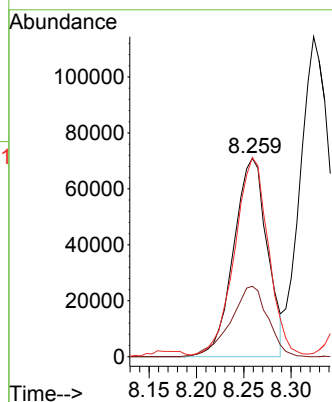
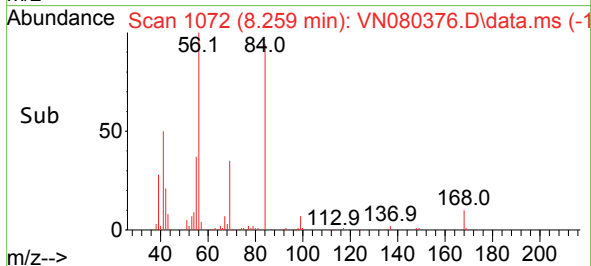


#31
Cyclohexane
Concen: 43.202 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :

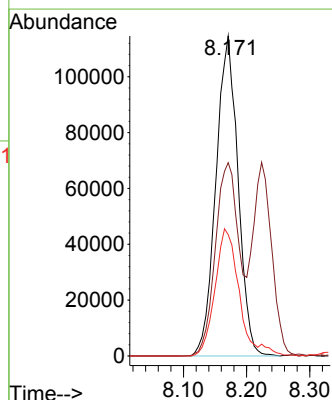
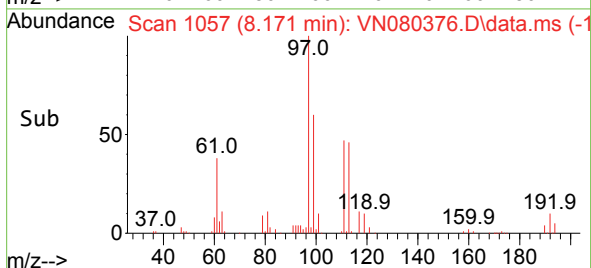
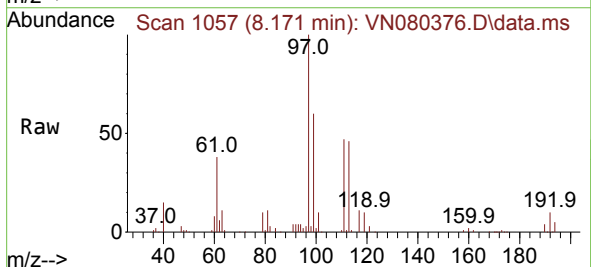


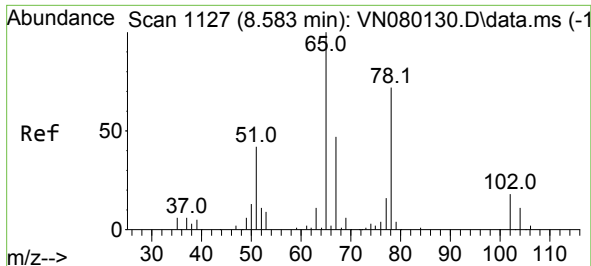
Tgt Ion: 56 Resp: 175075
Ion Ratio Lower Upper
56 100
69 35.5 26.8 40.2
84 97.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 52.758 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 97 Resp: 278100
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.915 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

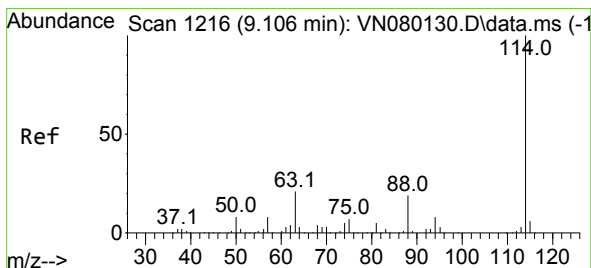
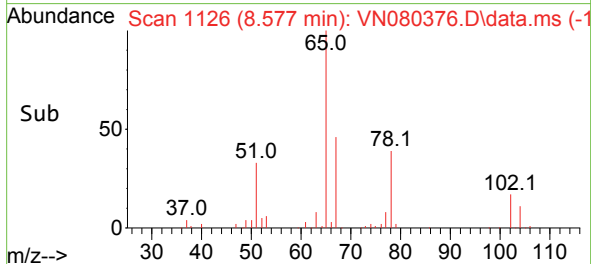
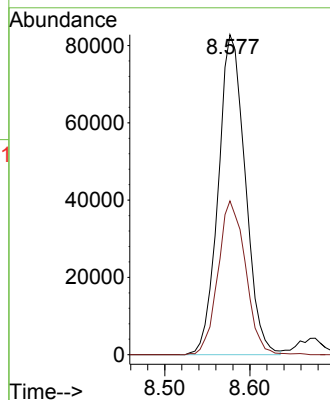
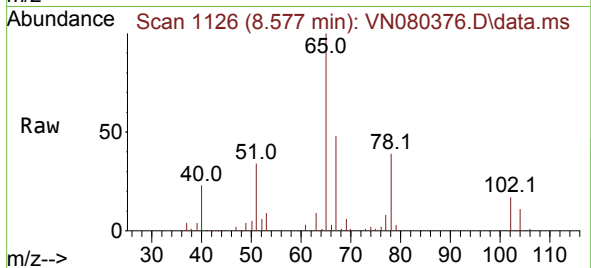
ClientSampleId :

Tgt Ion: 65 Resp: 182276

Ion Ratio Lower Upper

65 100

67 48.9 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: VN080376.D

Acq: 06 Dec 2023 10:53

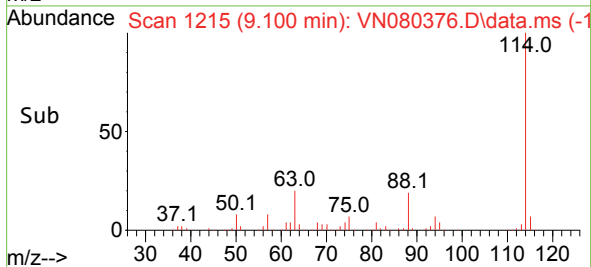
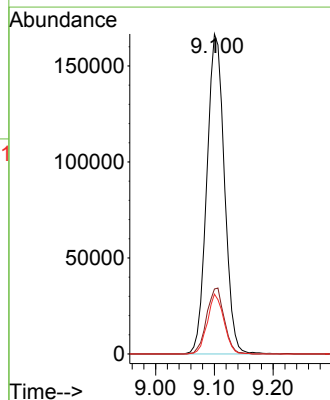
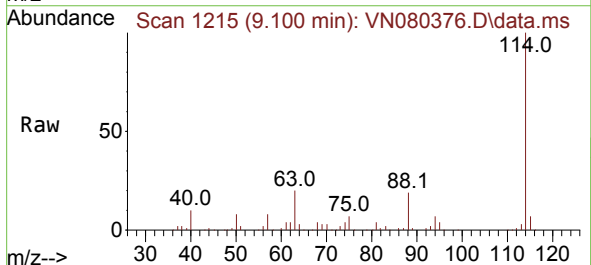
Tgt Ion: 114 Resp: 345762

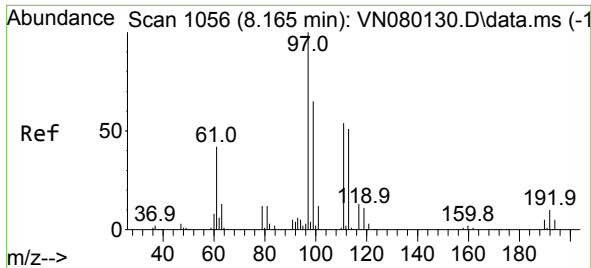
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 18.7 0.0 30.6

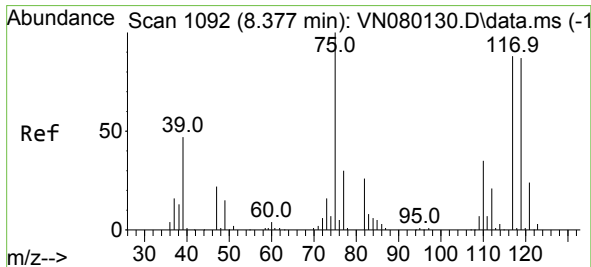
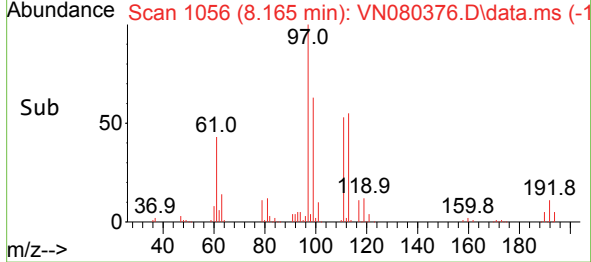
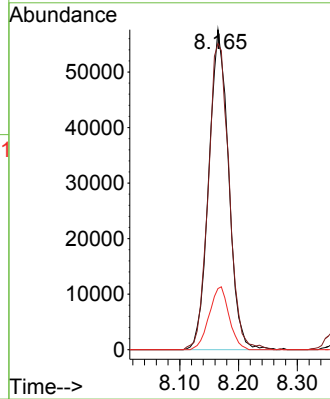
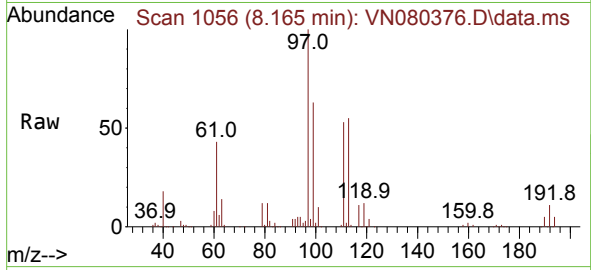




#35
Dibromofluoromethane
Concen: 52.880 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

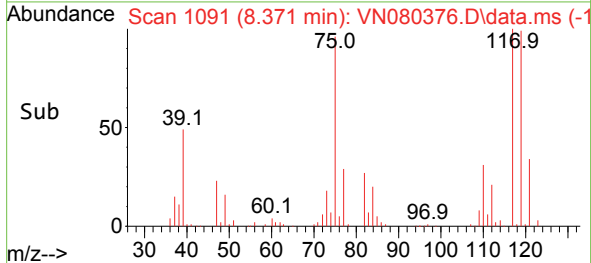
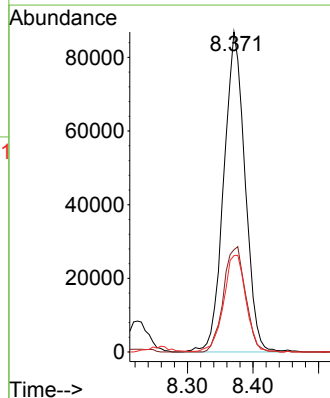
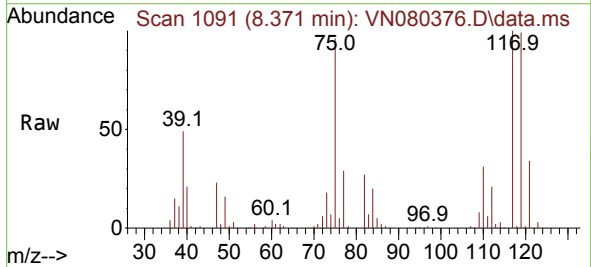
Instrument :
MSVOA_N
ClientSampleId :

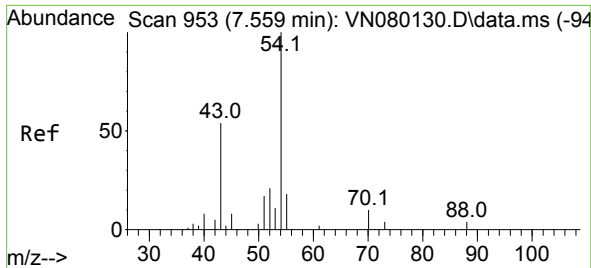
Tgt Ion:113 Resp: 134910
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 19.7 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 52.831 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 195144
Ion Ratio Lower Upper
75 100
110 34.2 19.1 57.3
77 31.9 25.0 37.4

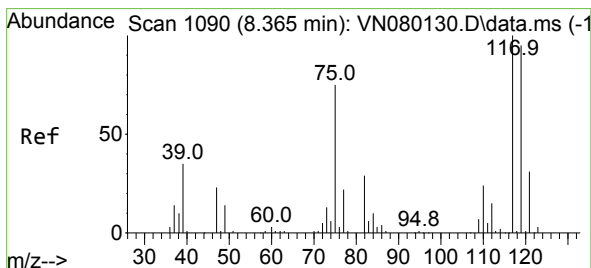
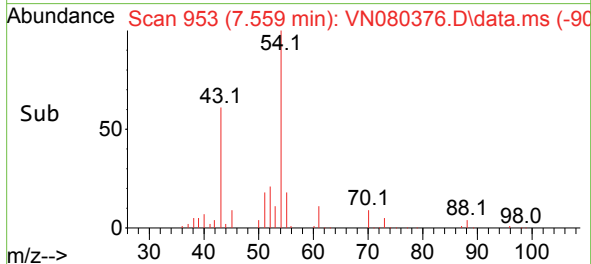
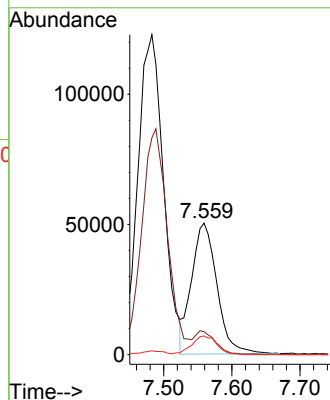
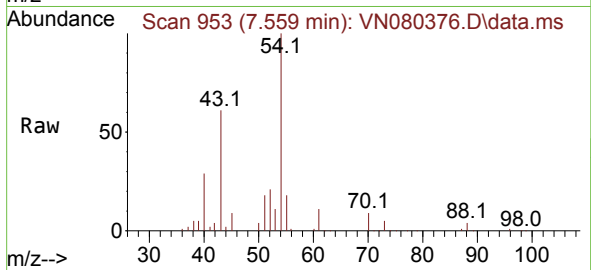




#37
Ethyl Acetate
Concen: 50.920 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

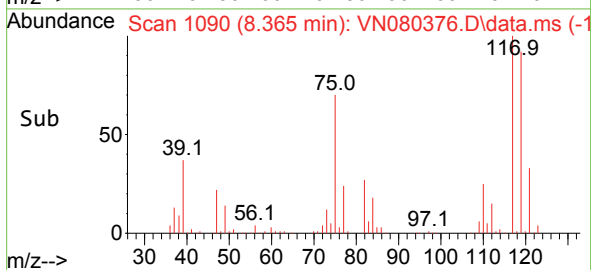
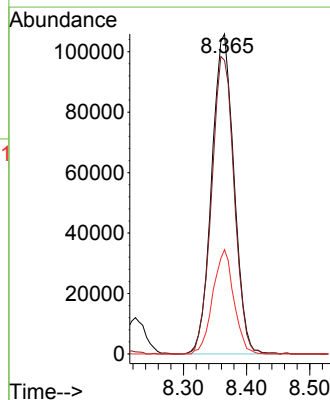
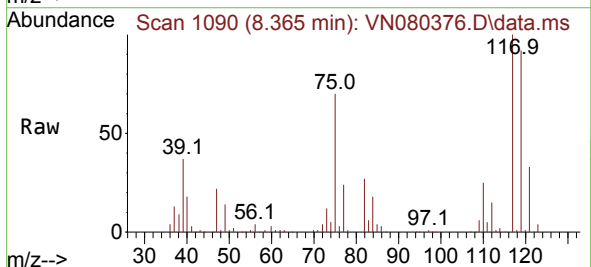
Instrument :
MSVOA_N
ClientSampleId :

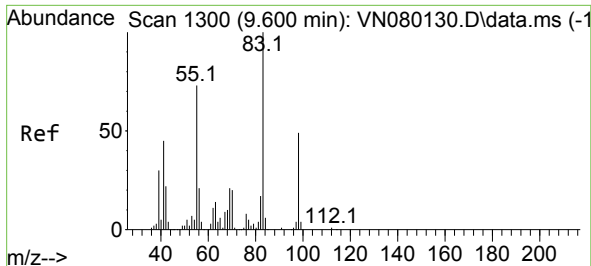
Tgt Ion: 43 Resp: 130463
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 14.1 11.3 16.9



#38
Carbon Tetrachloride
Concen: 55.347 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 117 Resp: 259431
Ion Ratio Lower Upper
117 100
119 91.8 77.3 115.9
121 32.6 23.3 34.9





#39

Methylcyclohexane

Concen: 52.214 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

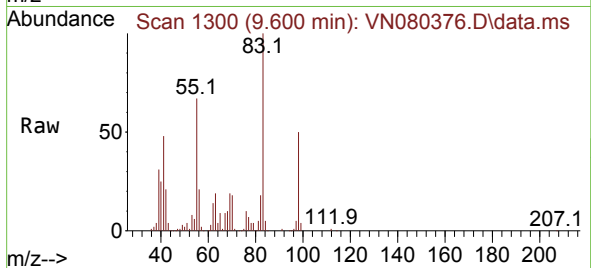
Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :



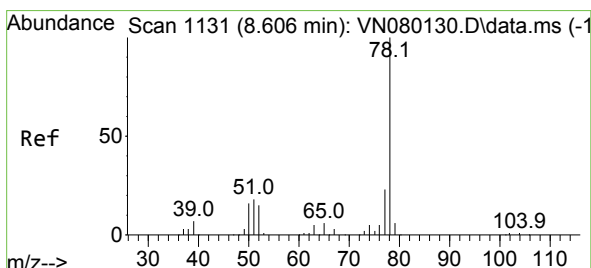
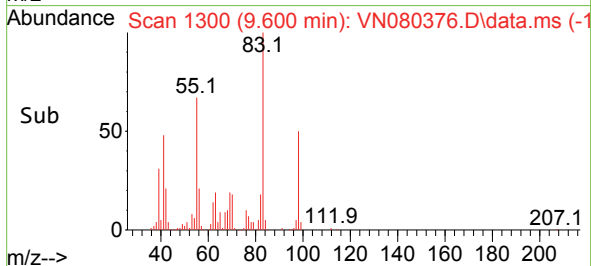
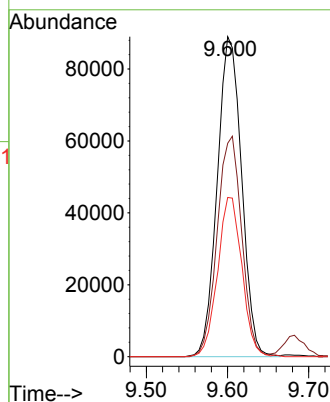
Tgt Ion: 83 Resp: 185963

Ion Ratio Lower Upper

83 100

55 66.7 49.1 73.7

98 49.7 40.6 61.0



#40

Benzene

Concen: 54.148 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080376.D

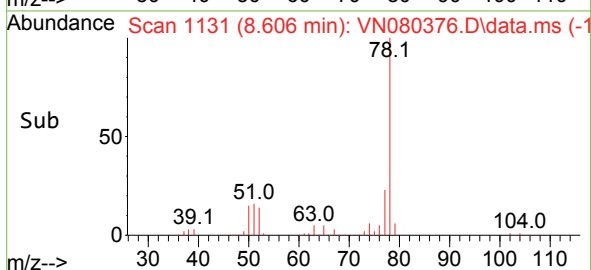
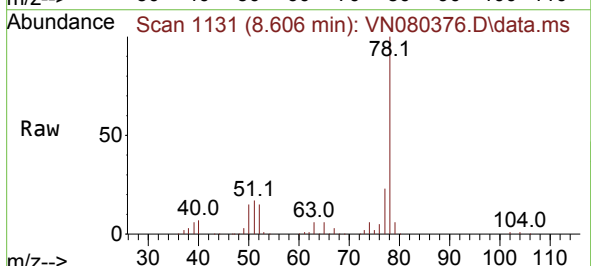
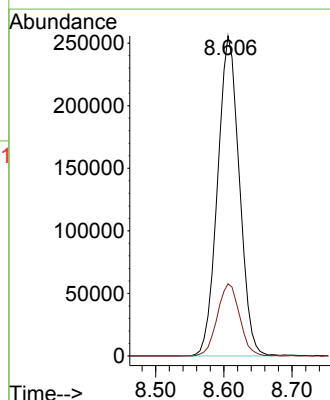
Acq: 06 Dec 2023 10:53

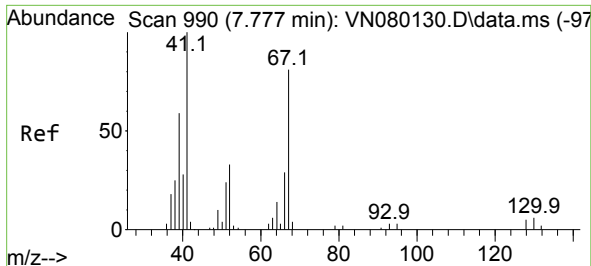
Tgt Ion: 78 Resp: 568449

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

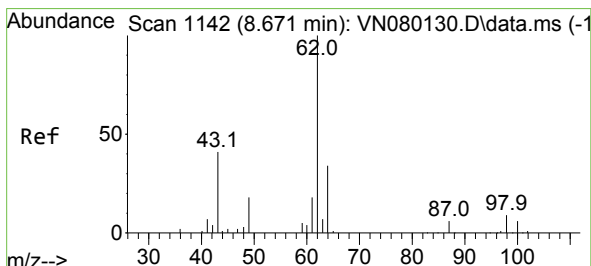
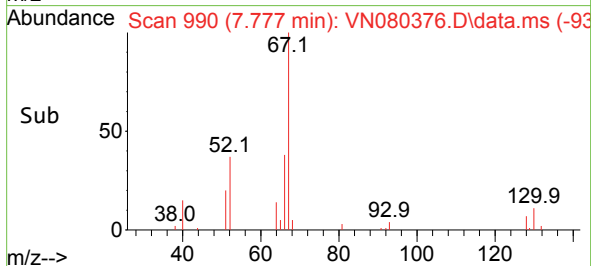
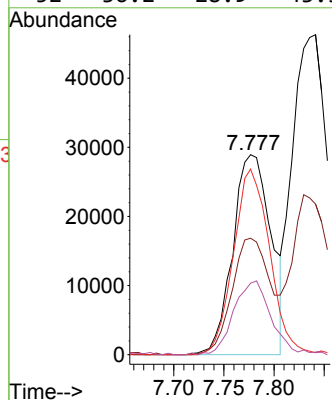
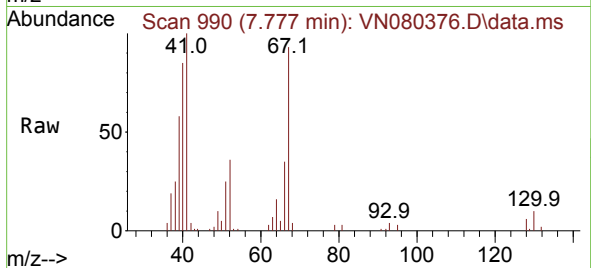




#41
Methacrylonitrile
Concen: 54.587 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

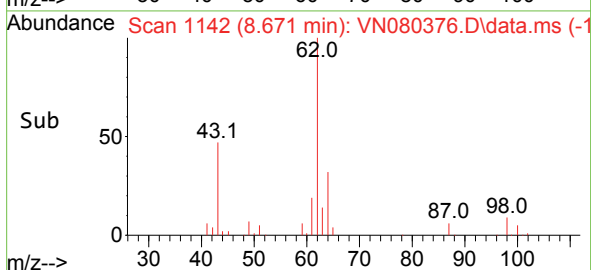
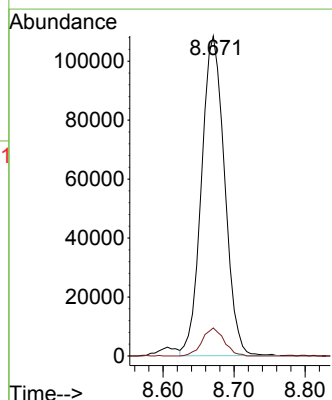
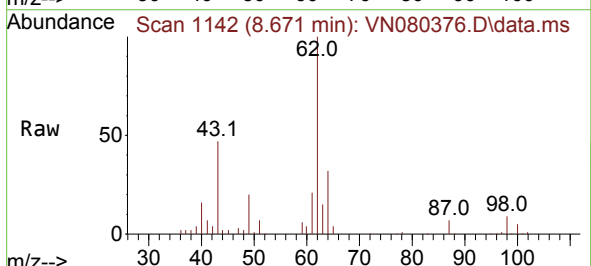
Instrument :
MSVOA_N
ClientSampleId :

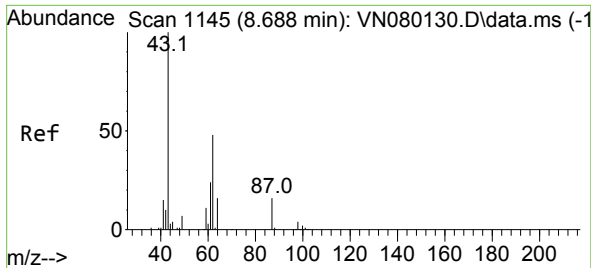
Tgt Ion:	41	Resp:	76805
Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.6	64.0
67	87.7	77.5	116.3
52	36.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 57.149 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

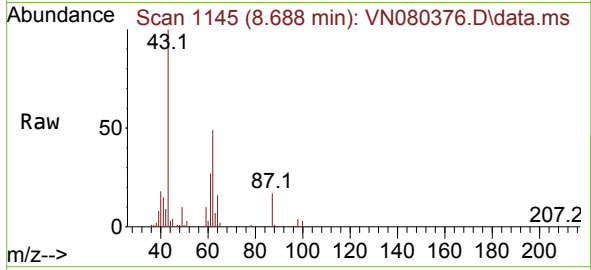
Tgt Ion:	62	Resp:	245452
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.8



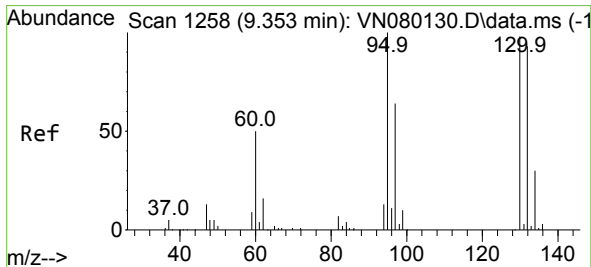
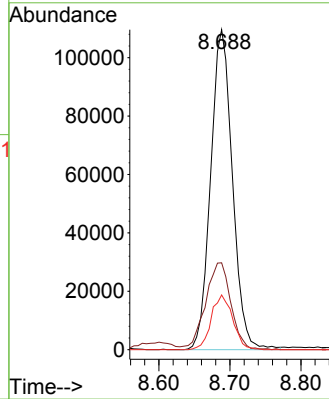
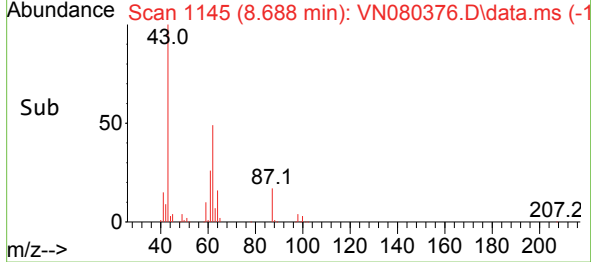


#43
Isopropyl Acetate
Concen: 46.817 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :

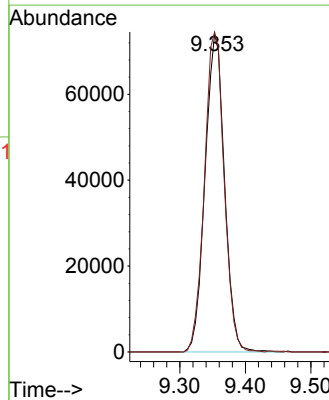
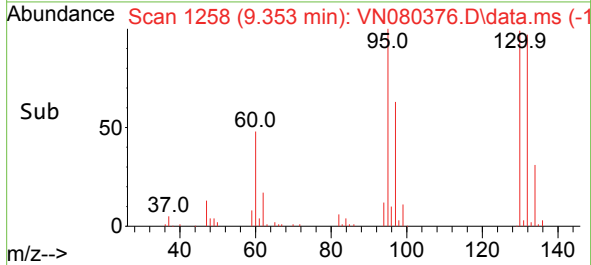
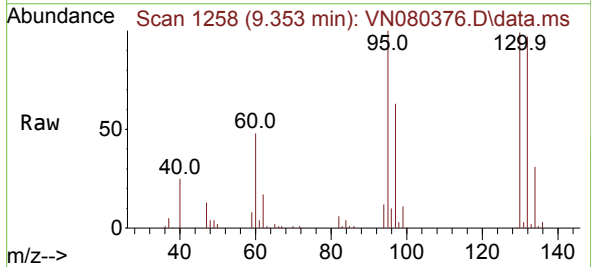


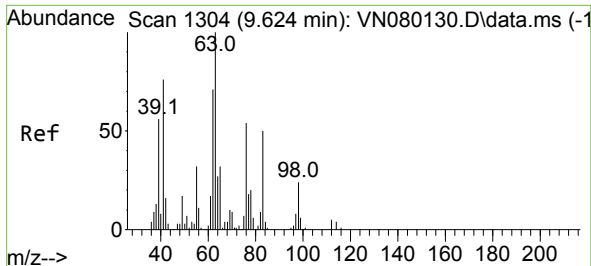
Tgt Ion: 43 Resp: 233420
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 16.9 14.6 21.8



#44
Trichloroethene
Concen: 55.456 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:130 Resp: 152713
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.6

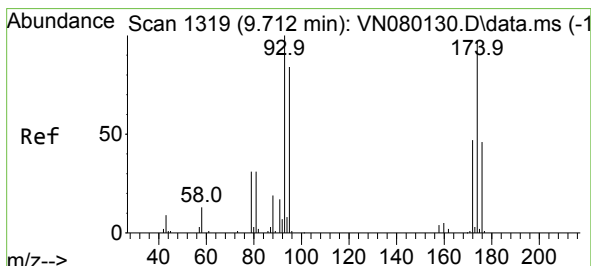
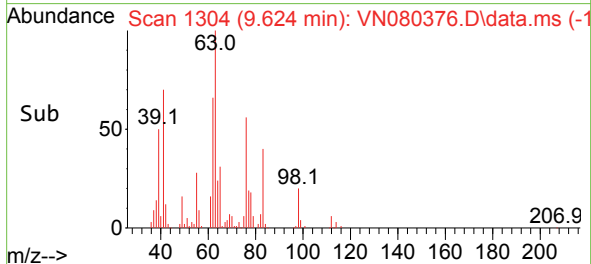
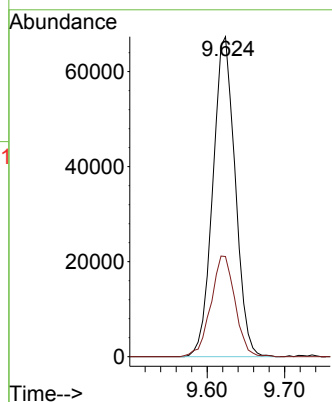
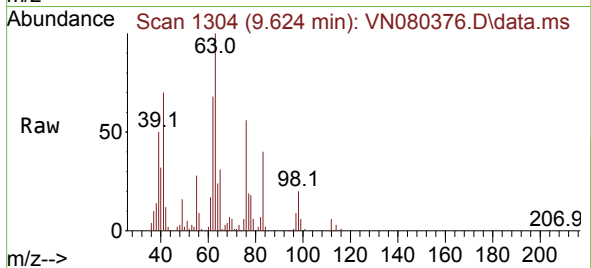




#45
1,2-Dichloropropane
Concen: 55.234 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

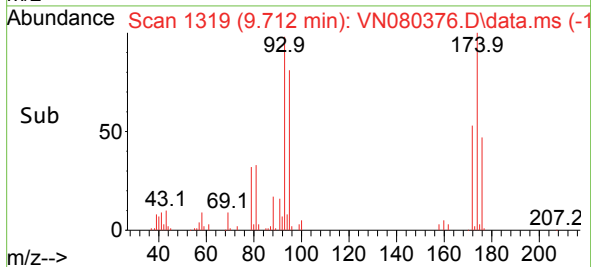
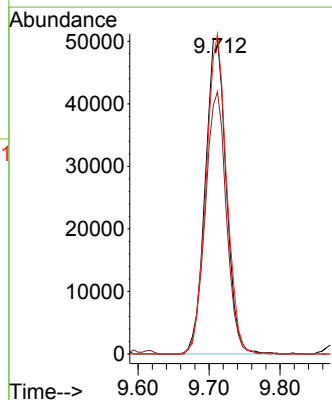
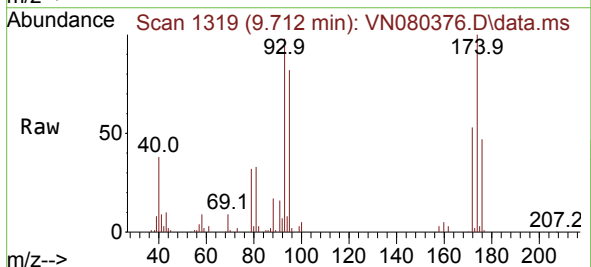
Instrument :
MSVOA_N
ClientSampleId :

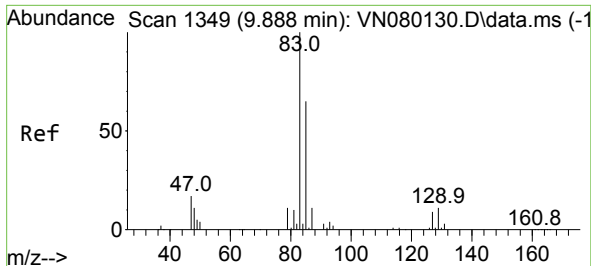
Tgt Ion: 63 Resp: 134753
Ion Ratio Lower Upper
63 100
65 31.3 23.9 35.9



#46
Dibromomethane
Concen: 56.113 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 93 Resp: 103627
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 99.1 65.6 98.4#





#47

Bromodichloromethane

Concen: 57.897 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

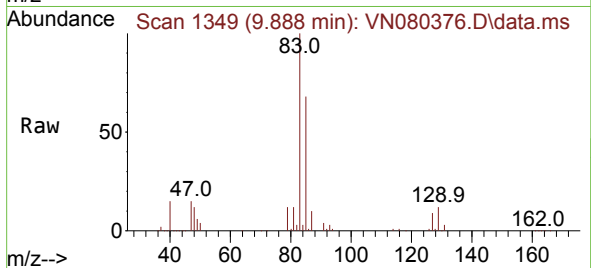
Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

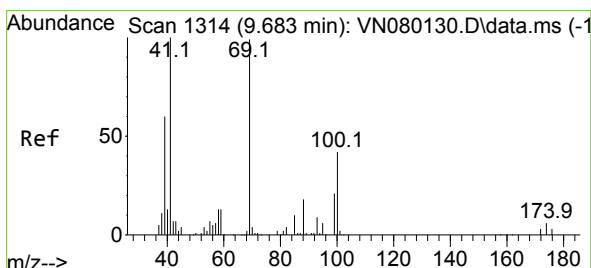
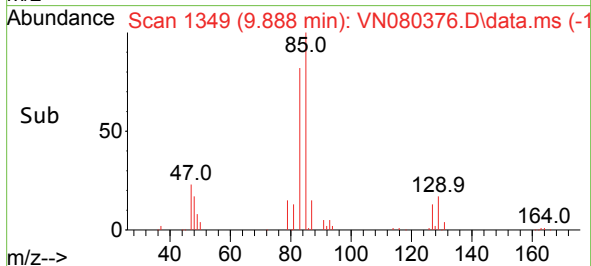
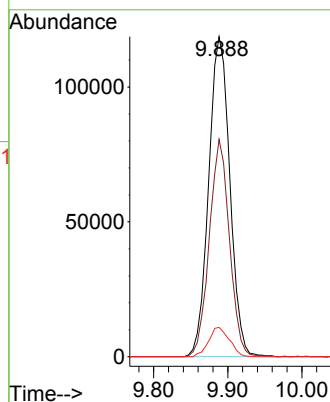
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp: 235196
Ion Ratio	Lower Upper
83 100	
85 67.9	49.6 74.4
127 9.2	7.0 10.6



#48

Methyl methacrylate

Concen: 54.204 ug/l

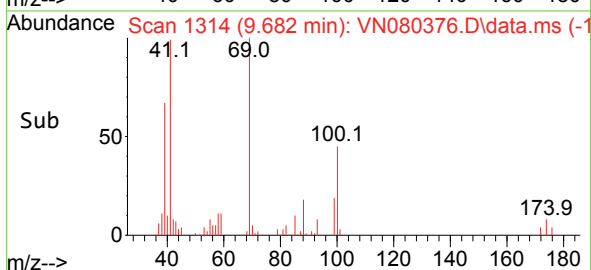
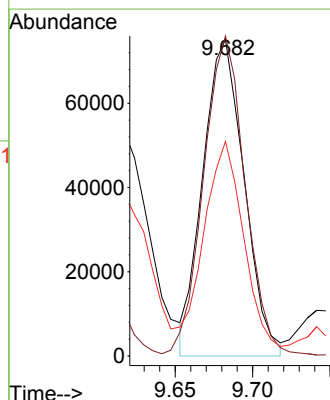
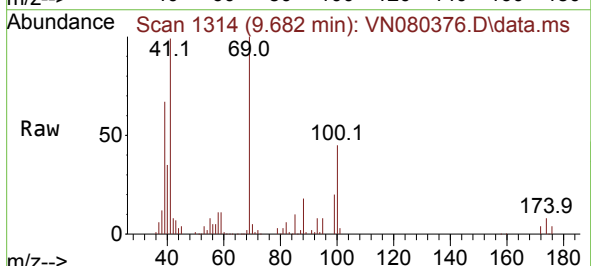
RT: 9.682 min Scan# 1314

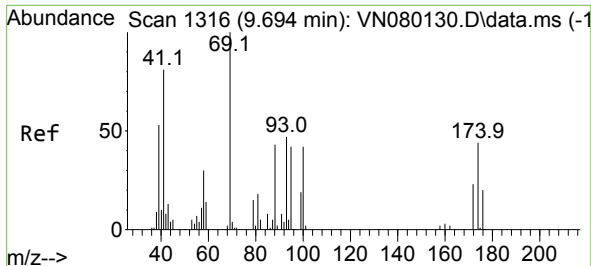
Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Tgt Ion: 41	Resp: 139271
Ion Ratio	Lower Upper
41 100	
69 101.1	90.4 135.6
39 67.7	54.6 81.8





#49

1,4-Dioxane

Concen: 951.677 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

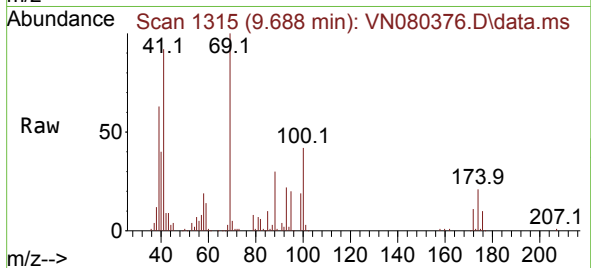
Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :



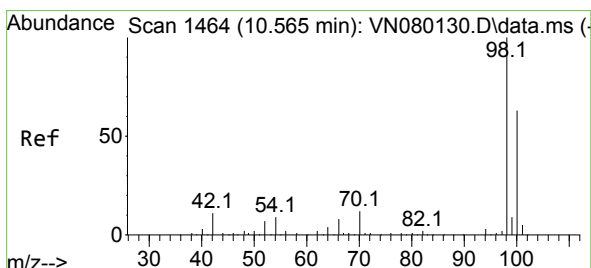
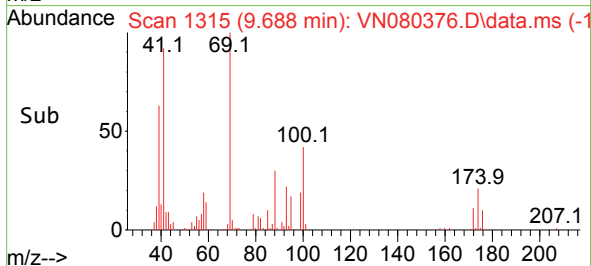
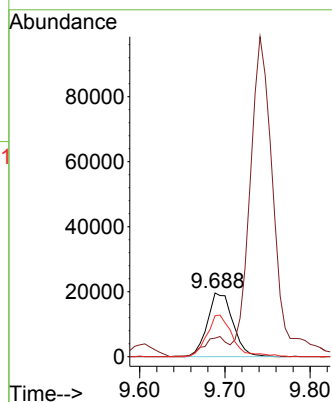
Tgt Ion: 88 Resp: 40679

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 65.5 47.0 70.4



#50

Toluene-d8

Concen: 50.191 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080376.D

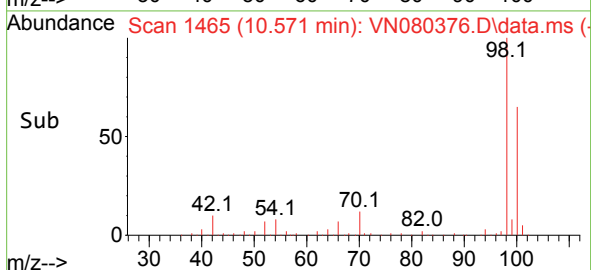
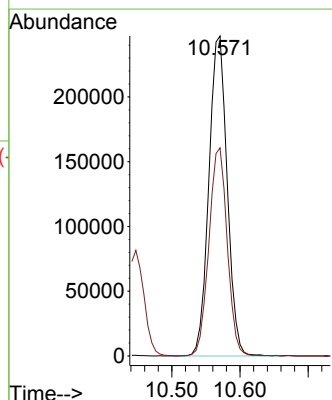
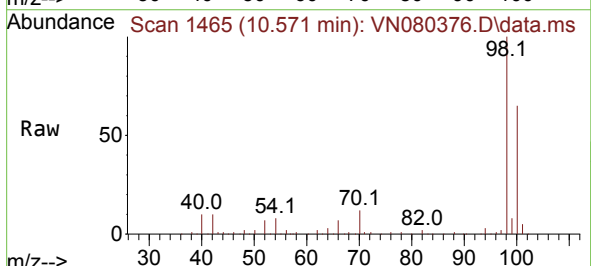
Acq: 06 Dec 2023 10:53

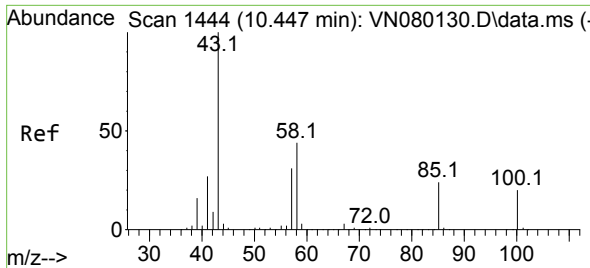
Tgt Ion: 98 Resp: 461599

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

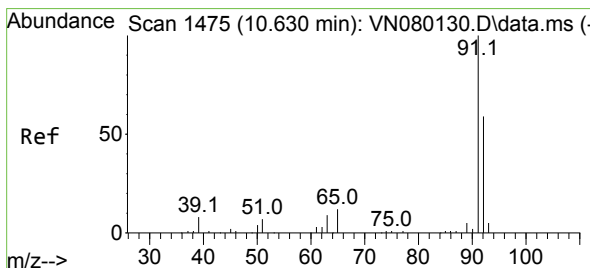
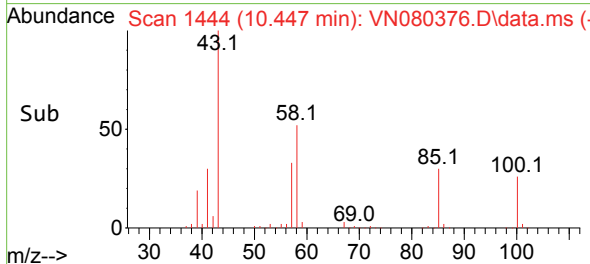
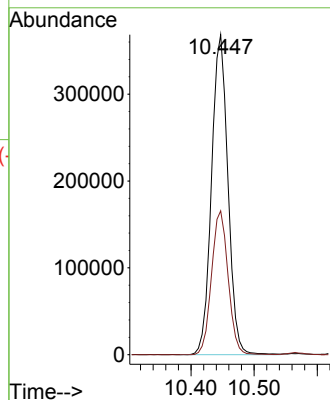
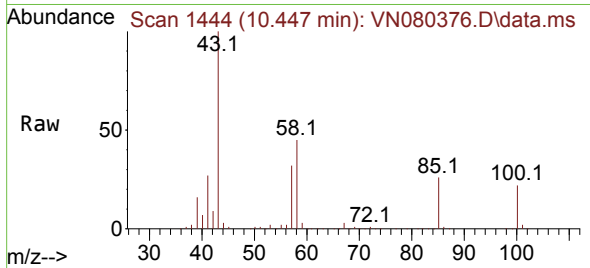




#51
4-Methyl-2-Pentanone
Concen: 257.388 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

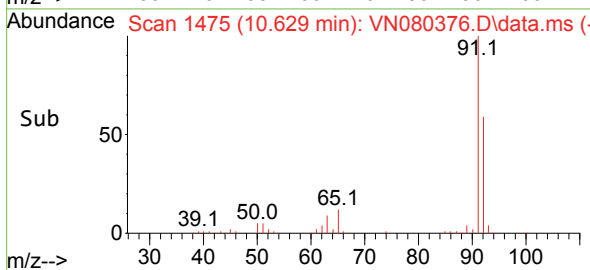
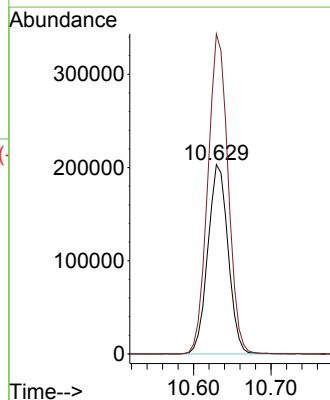
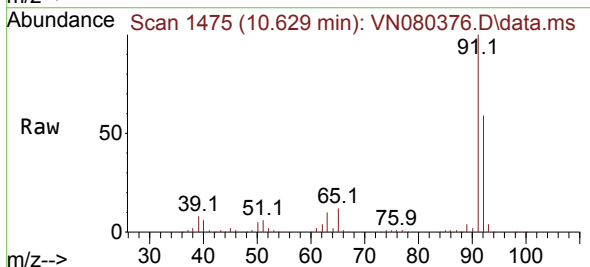
Instrument :
MSVOA_N
ClientSampleId :

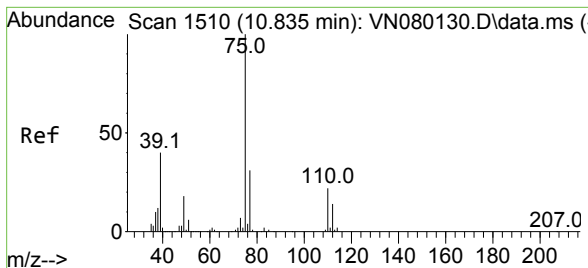
Tgt Ion: 43 Resp: 664388
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8



#52
Toluene
Concen: 56.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 92 Resp: 368799
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0

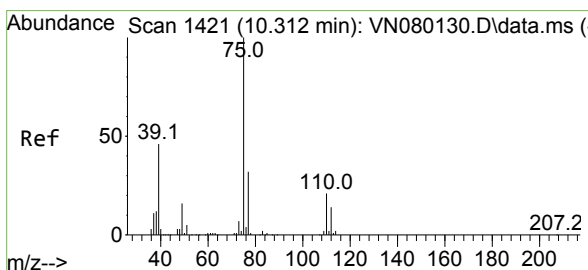
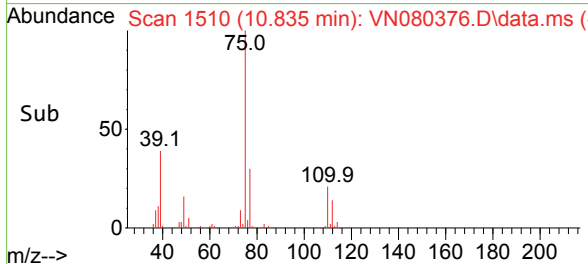
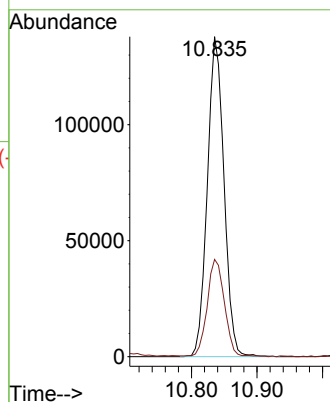
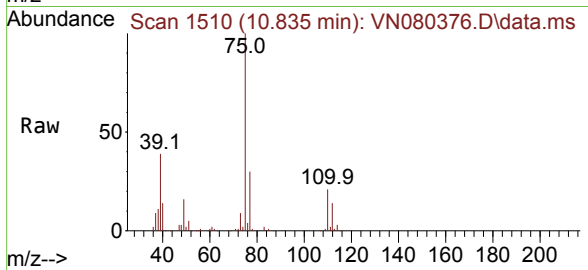




#53
t-1,3-Dichloropropene
Concen: 58.241 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

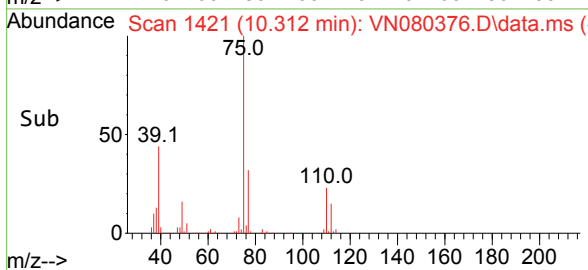
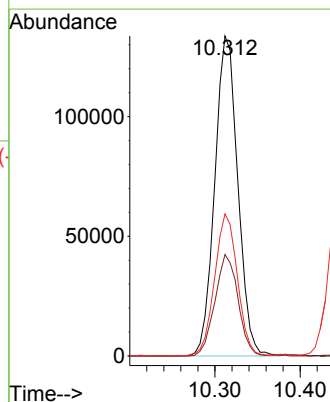
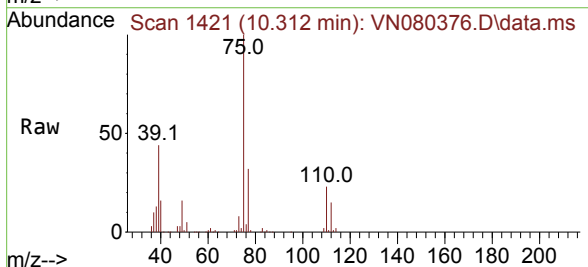
Instrument :
MSVOA_N
ClientSampleId :

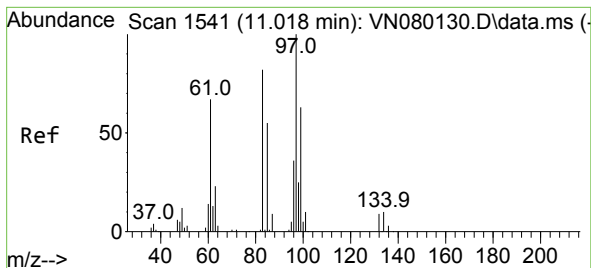
Tgt Ion: 75 Resp: 243080
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.858 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 250974
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 44.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.969 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 142851

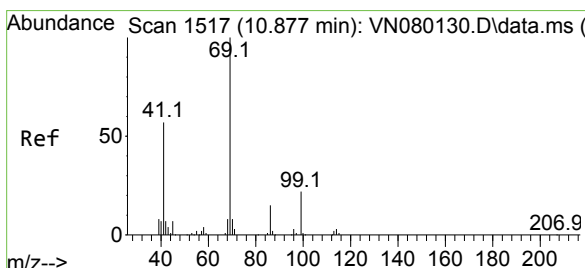
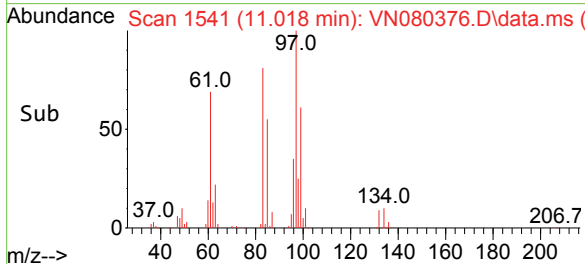
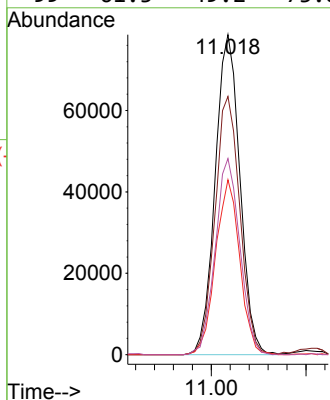
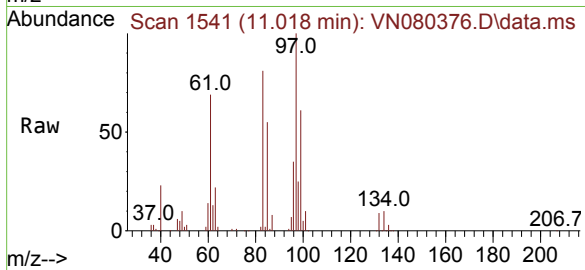
Ion Ratio Lower Upper

97 100

83 80.7 65.1 97.7

85 54.6 43.4 65.2

99 61.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 60.262 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

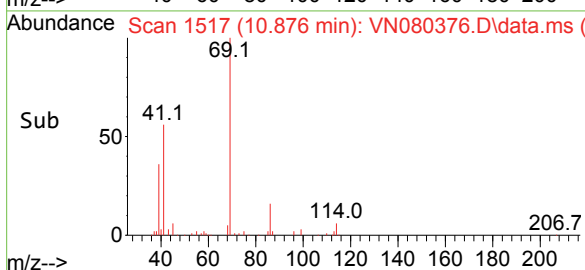
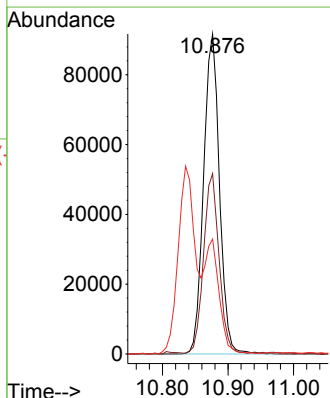
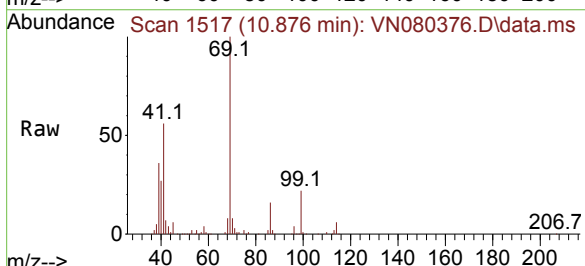
Tgt Ion: 69 Resp: 154370

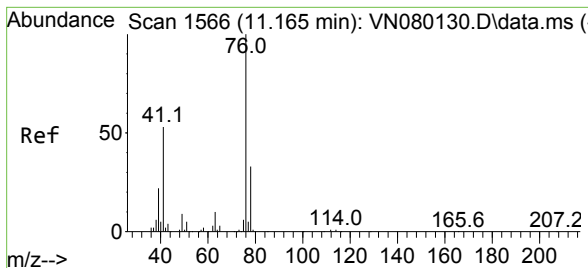
Ion Ratio Lower Upper

69 100

41 54.6 39.6 59.4

39 32.0 28.6 43.0

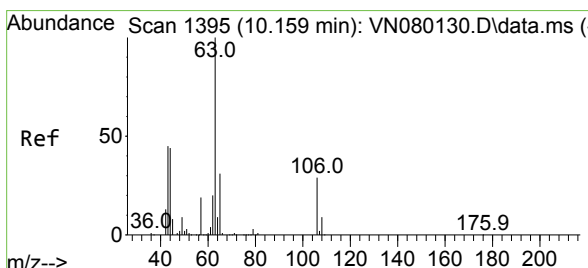
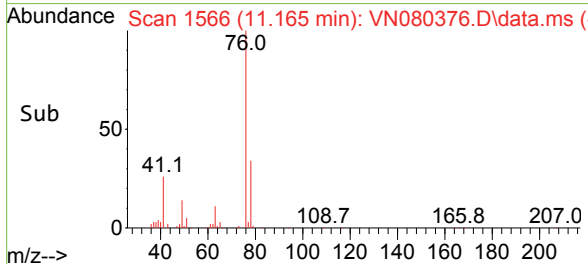
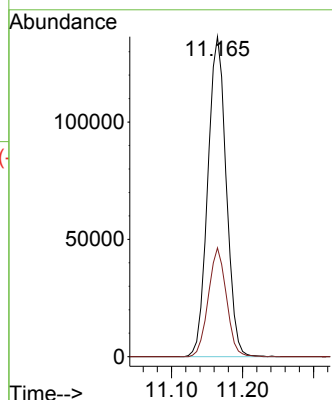
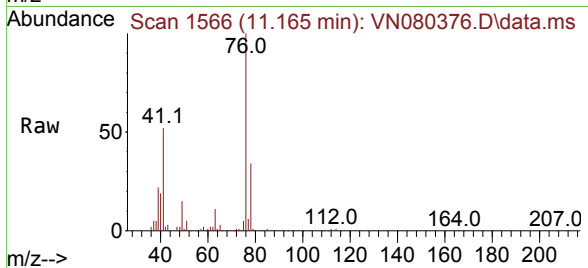




#57
1,3-Dichloropropane
Concen: 56.188 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

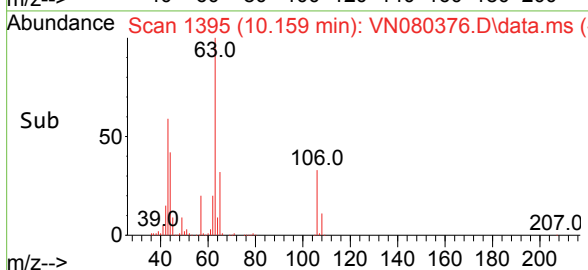
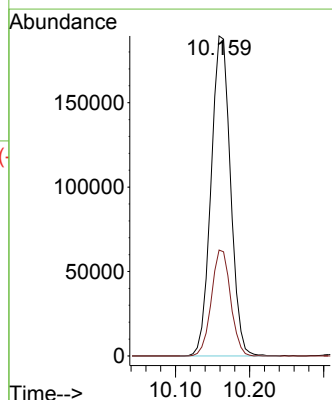
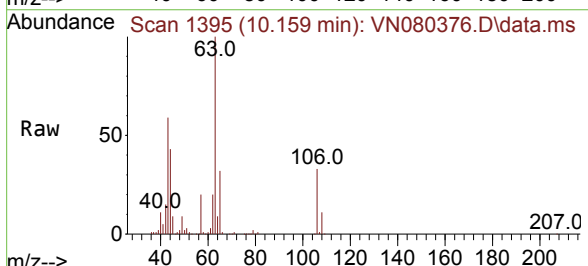
Instrument :
MSVOA_N
ClientSampleId :

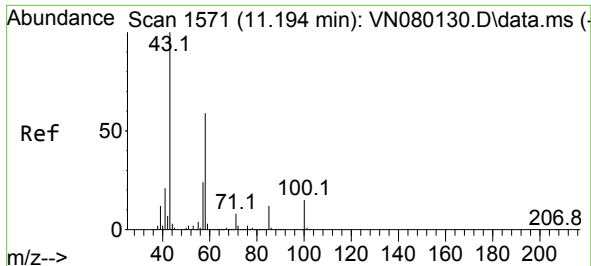
Tgt Ion: 76 Resp: 245992
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 239.380 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 63 Resp: 345464
Ion Ratio Lower Upper
63 100
106 32.7 26.2 39.4

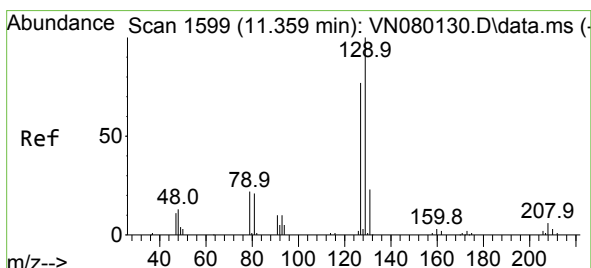
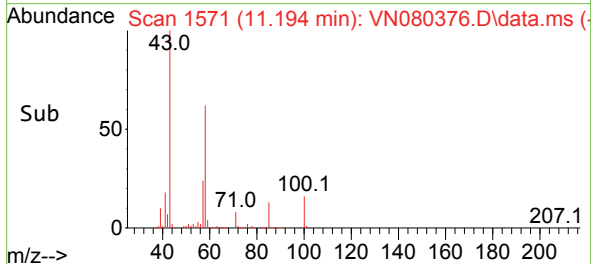
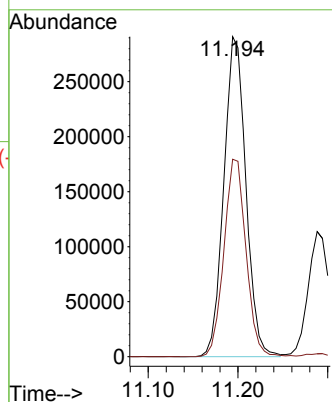
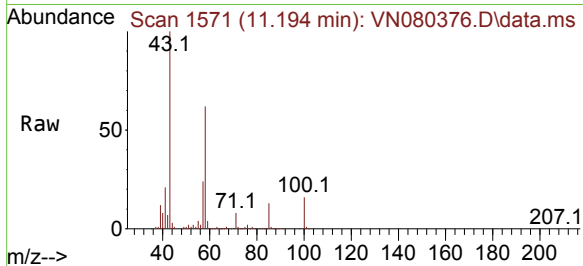




#59
2-Hexanone
Concen: 239.303 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

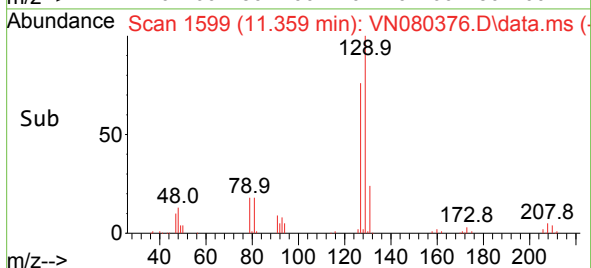
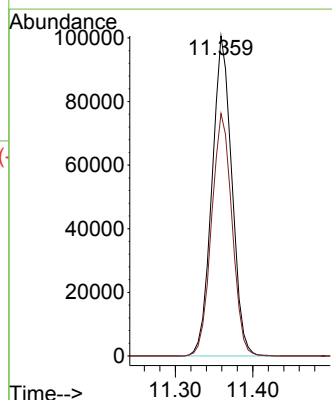
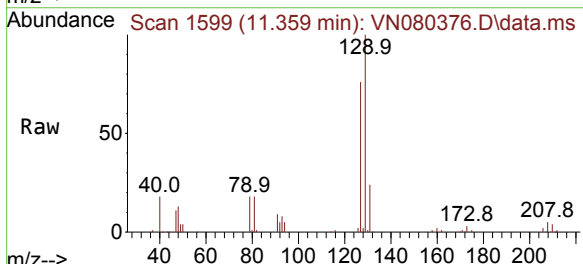
Instrument :
MSVOA_N
ClientSampleId :

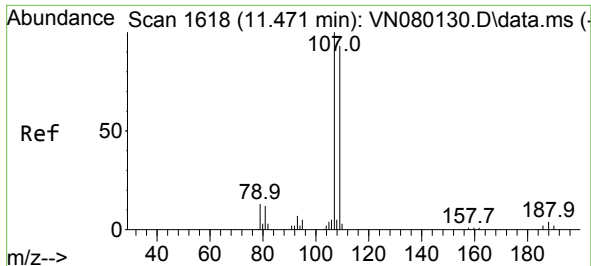
Tgt Ion: 43 Resp: 496361
Ion Ratio Lower Upper
43 100
58 61.9 31.7 95.1



#60
Dibromochloromethane
Concen: 59.663 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 129 Resp: 179112
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

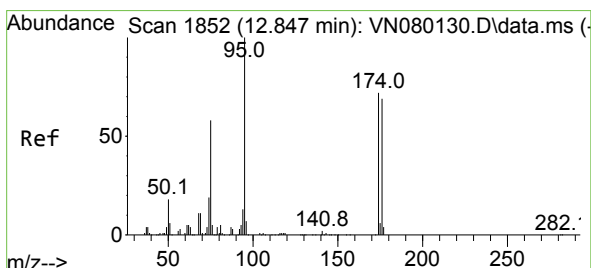
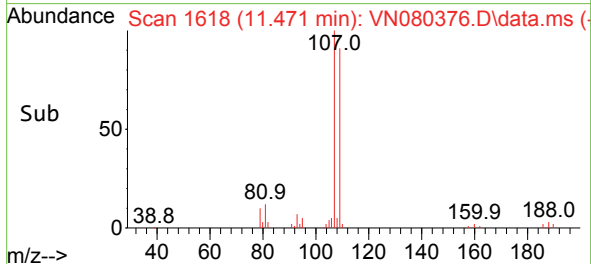
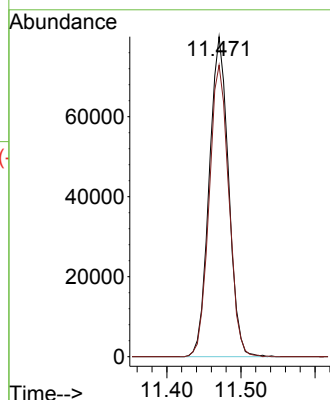
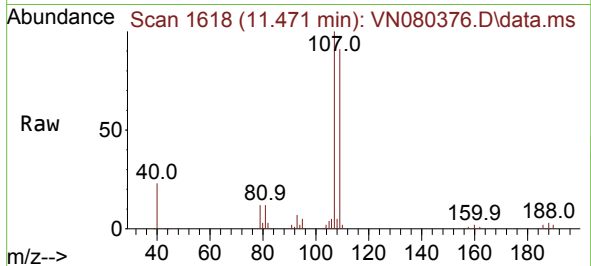




#61
1,2-Dibromoethane
Concen: 56.712 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

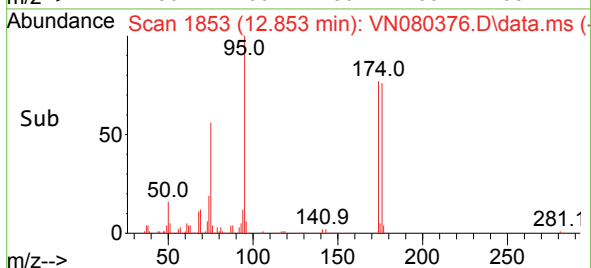
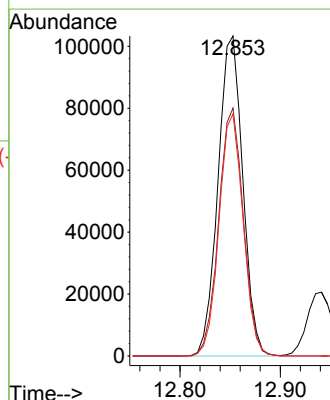
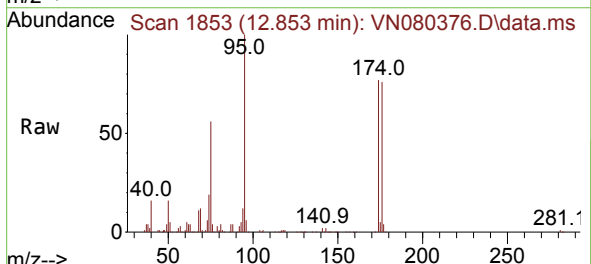
Instrument :
MSVOA_N
ClientSampleId :

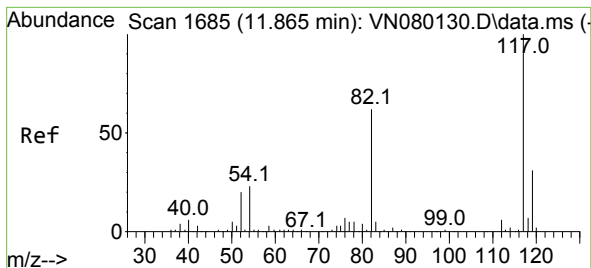
Tgt Ion:107 Resp: 145076
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.964 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 95 Resp: 177038
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.4 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: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

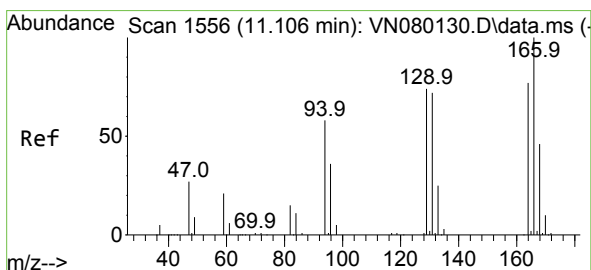
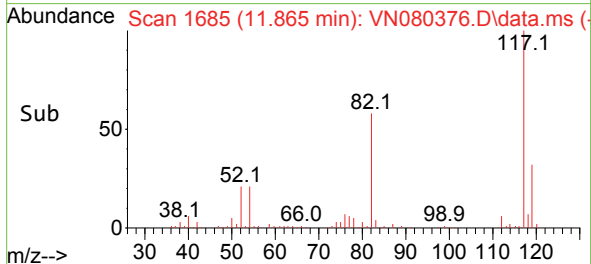
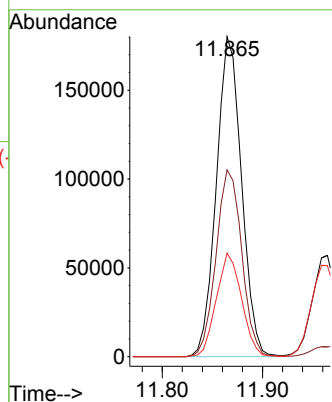
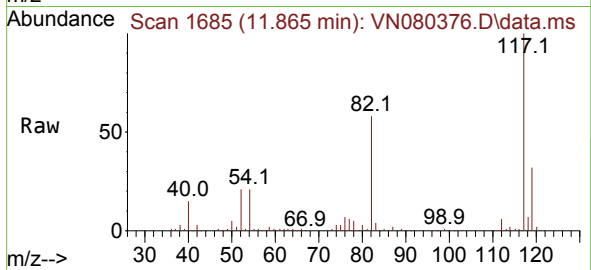
Tgt Ion:117 Resp: 314412

Ion Ratio Lower Upper

117 100

82 58.4 44.0 66.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 62.130 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Tgt Ion:164 Resp: 149080

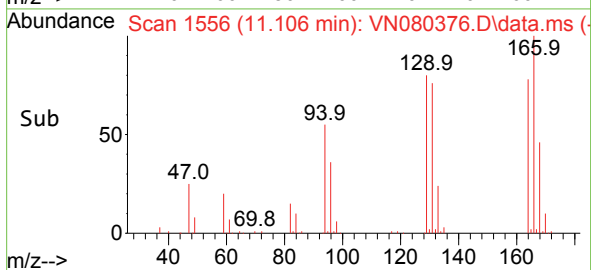
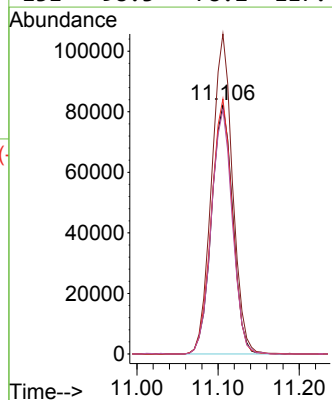
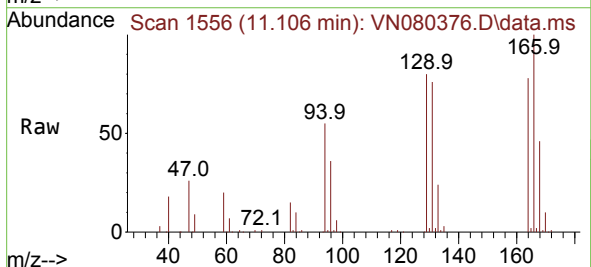
Ion Ratio Lower Upper

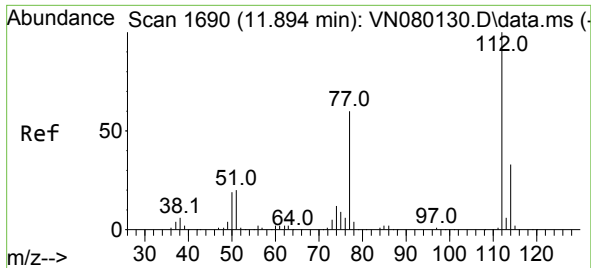
164 100

166 128.7 101.4 152.0

129 102.5 82.4 123.6

131 98.3 78.2 117.4

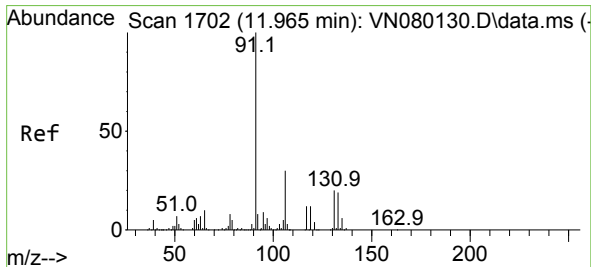
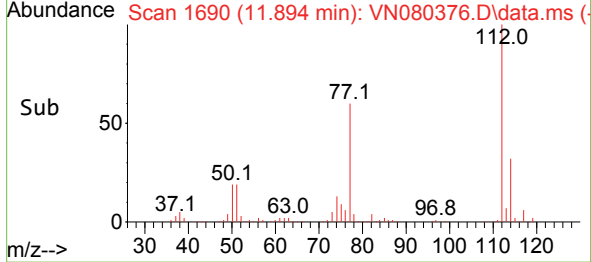
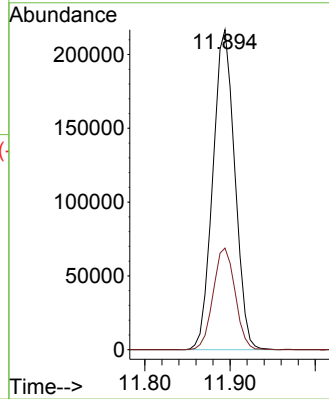
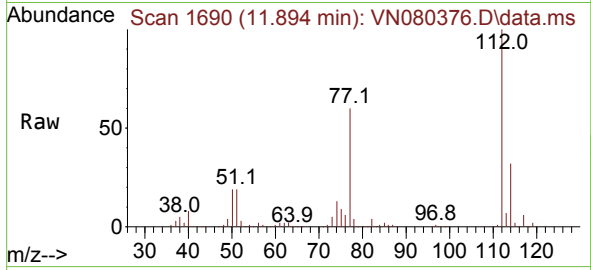




#65
Chlorobenzene
Concen: 54.393 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

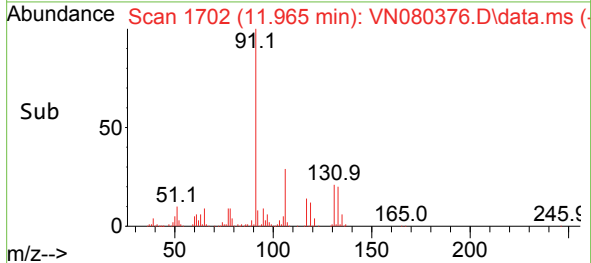
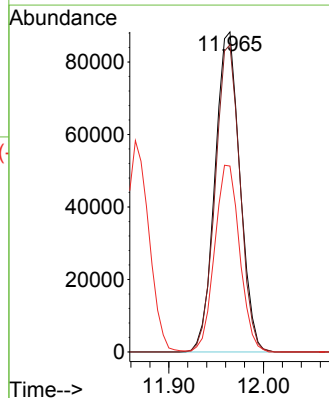
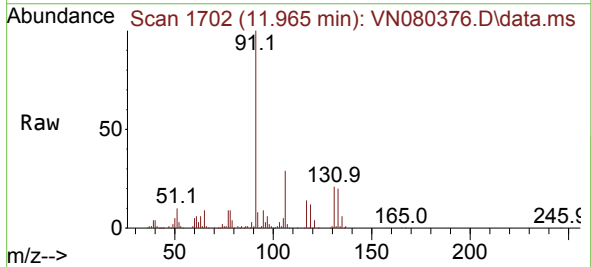
Instrument :
MSVOA_N
ClientSampleId :

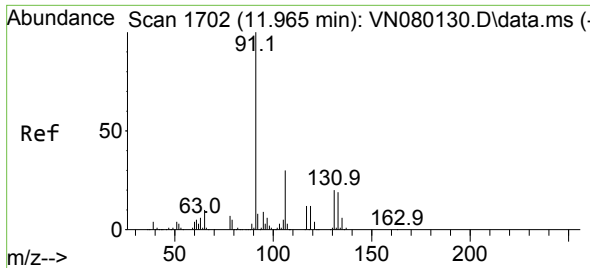
Tgt Ion:112 Resp: 387514
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 58.554 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:131 Resp: 161885
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 58.6 34.1 102.2

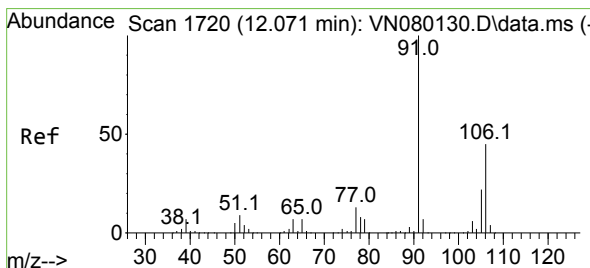
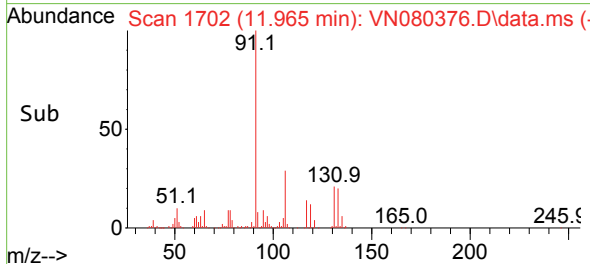
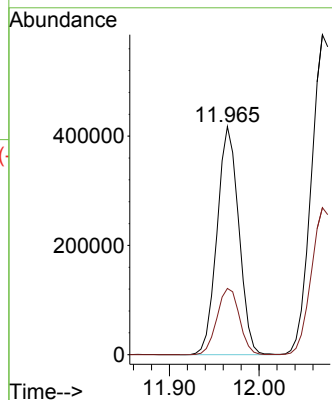
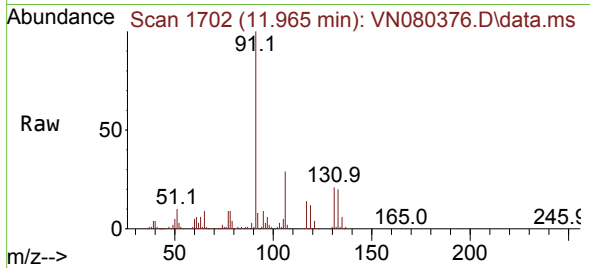




#67
Ethyl Benzene
Concen: 55.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

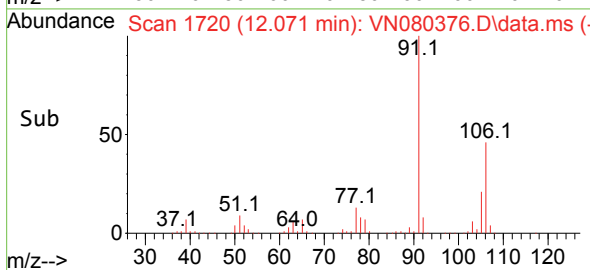
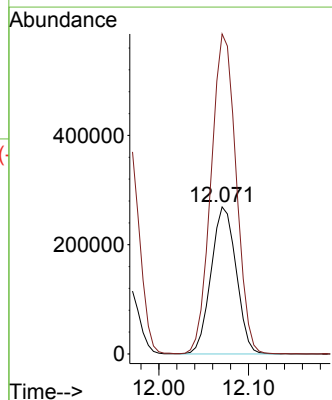
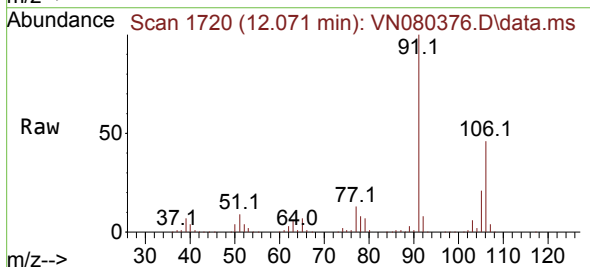
Instrument :
MSVOA_N
ClientSampleId :

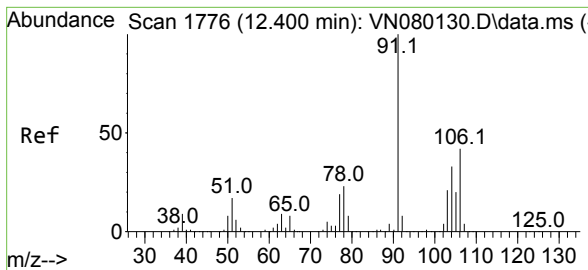
Tgt Ion: 91 Resp: 701277
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4



#68
m/p-Xylenes
Concen: 113.290 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:106 Resp: 523656
Ion Ratio Lower Upper
106 100
91 217.4 159.6 239.4

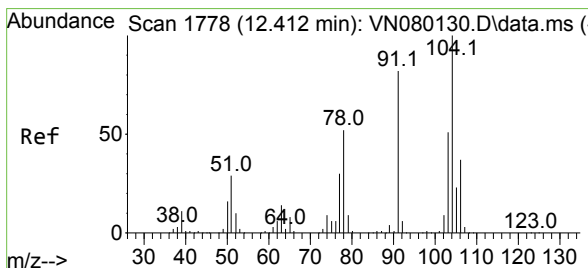
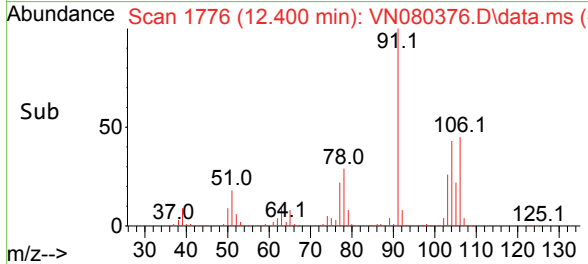
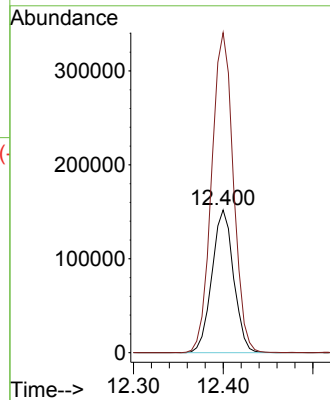
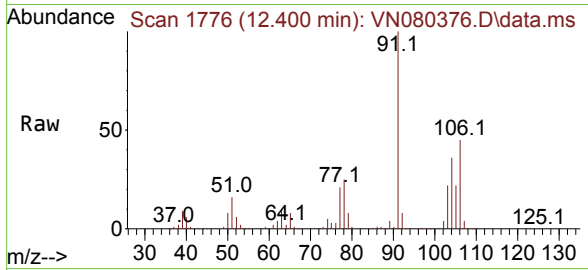




#69
o-Xylene
Concen: 58.476 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

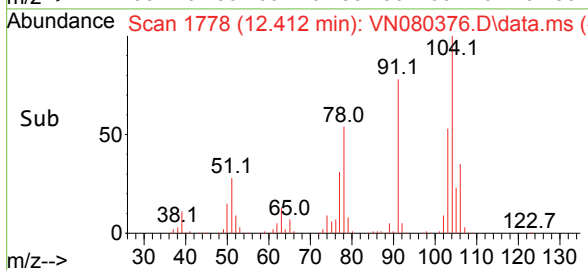
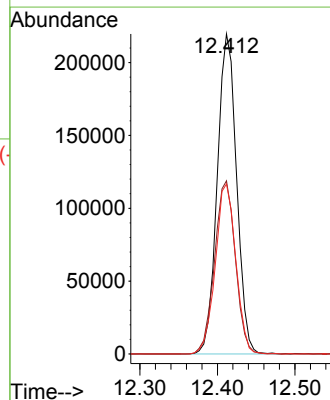
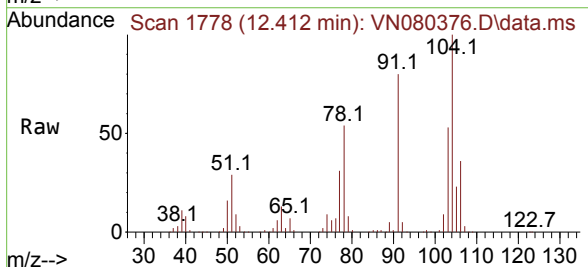
Instrument :
MSVOA_N
ClientSampleId :

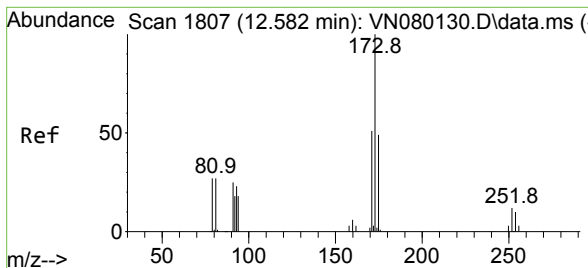
Tgt Ion:106 Resp: 254727
Ion Ratio Lower Upper
106 100
91 225.3 105.2 315.5



#70
Styrene
Concen: 58.733 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:104 Resp: 380803
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 59.391 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

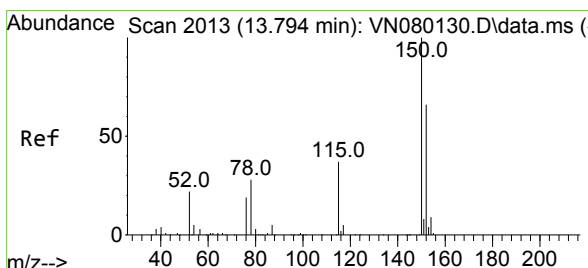
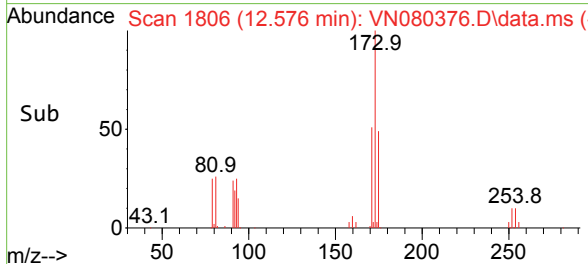
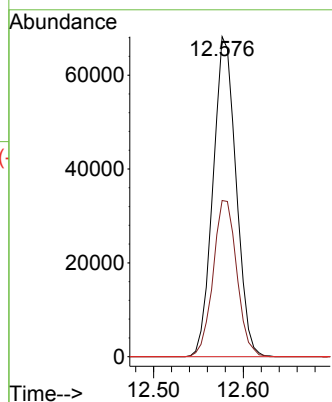
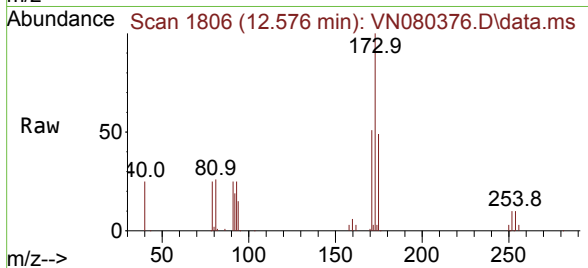
Tgt Ion:173 Resp: 121768

Ion Ratio Lower Upper

173 100

175 50.1 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: VN080376.D

Acq: 06 Dec 2023 10:53

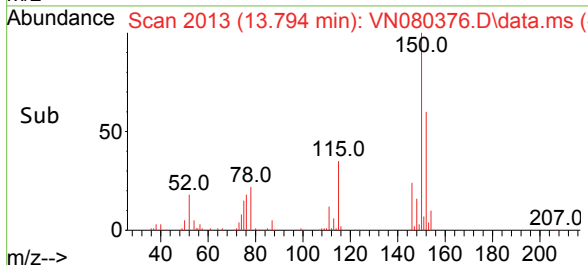
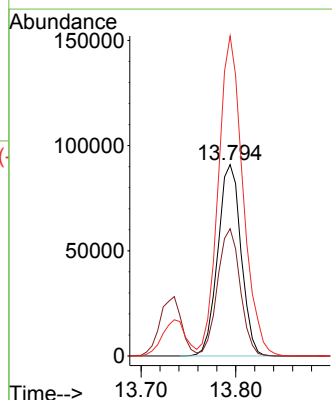
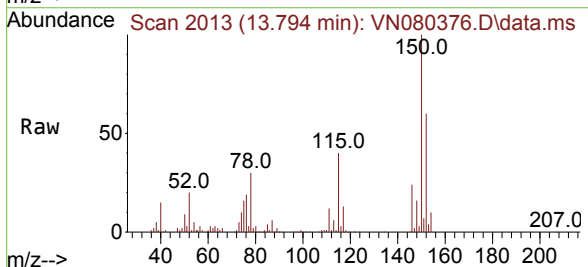
Tgt Ion:152 Resp: 155014

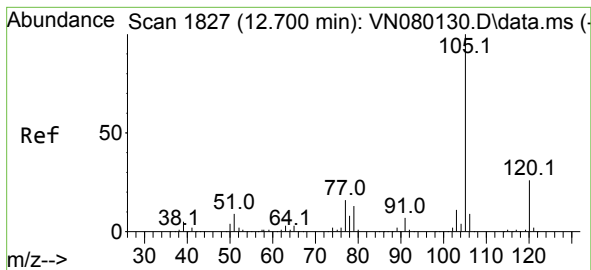
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 177.5 0.0 355.8





#73

Isopropylbenzene

Concen: 54.817 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

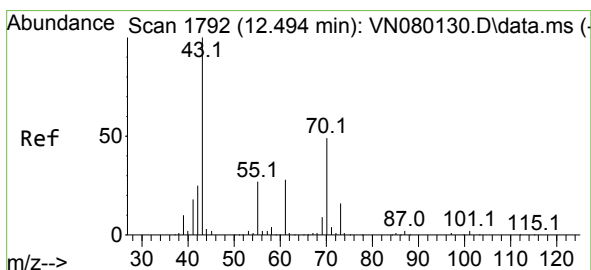
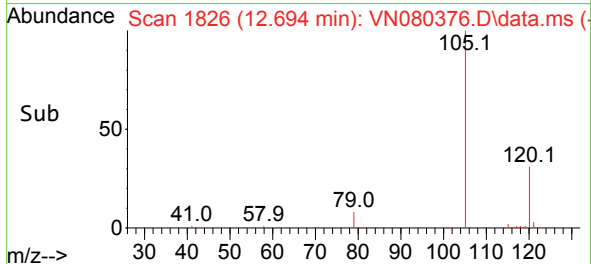
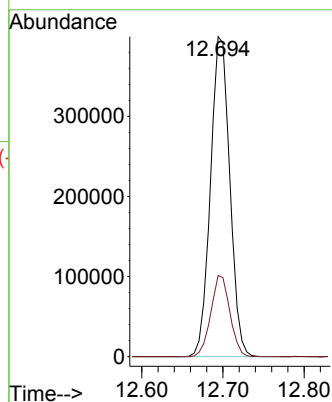
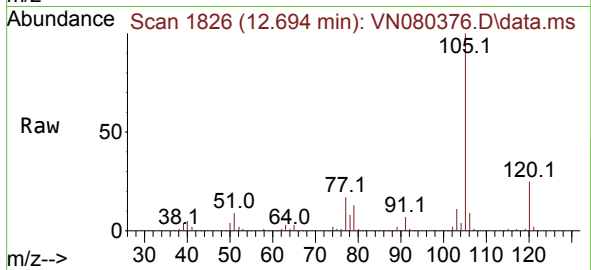
ClientSampleId :

Tgt Ion:105 Resp: 660310

Ion Ratio Lower Upper

105 100

120 25.0 13.1 39.1



#74

N-ethyl acetate

Concen: 49.231 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Tgt Ion: 43 Resp: 184932

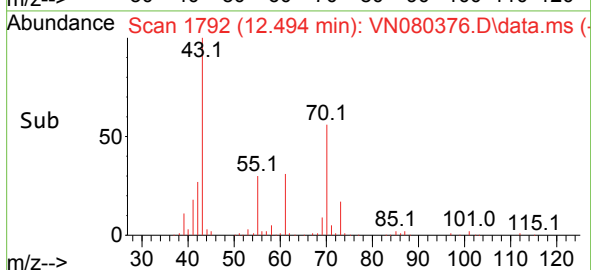
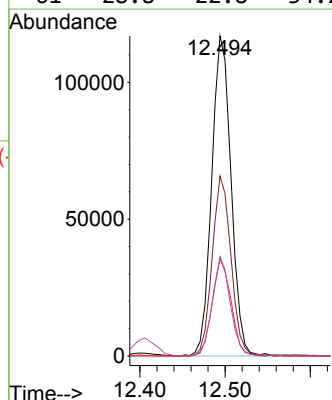
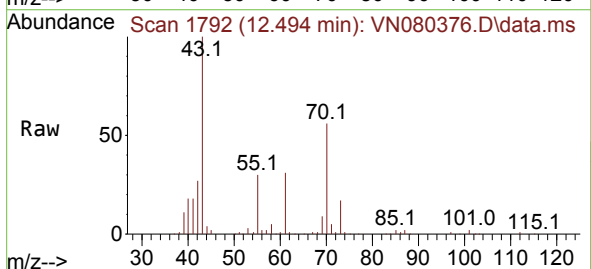
Ion Ratio Lower Upper

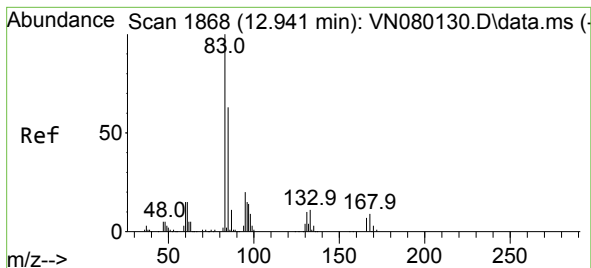
43 100

70 54.5 43.4 65.2

55 29.5 21.4 32.0

61 28.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.436 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

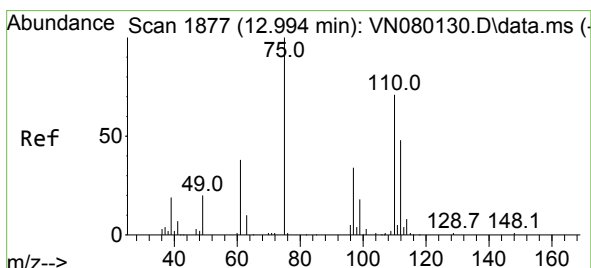
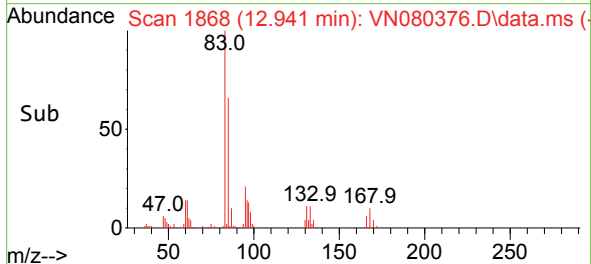
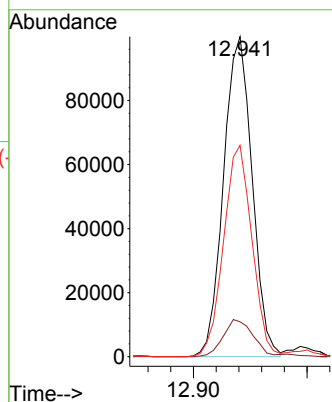
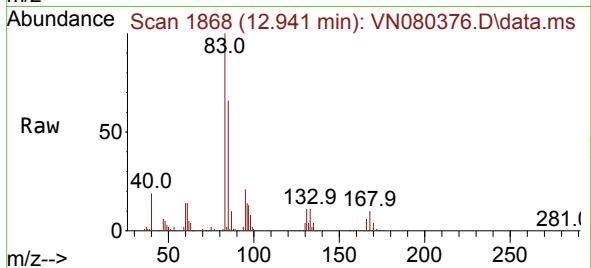
Tgt Ion: 83 Resp: 174624

Ion Ratio Lower Upper

83 100

131 12.7 5.0 15.0

85 65.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.817 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080376.D

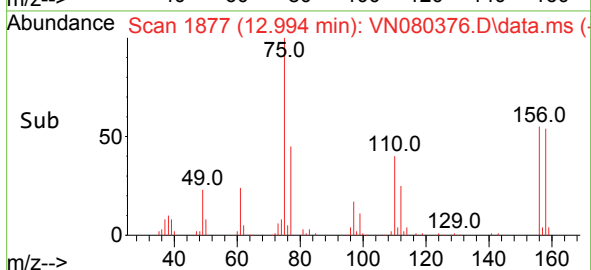
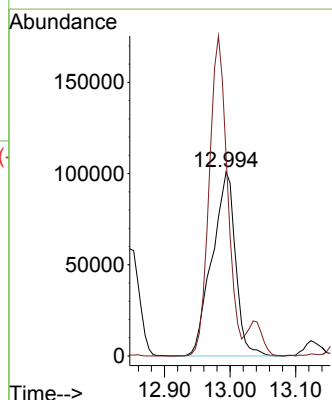
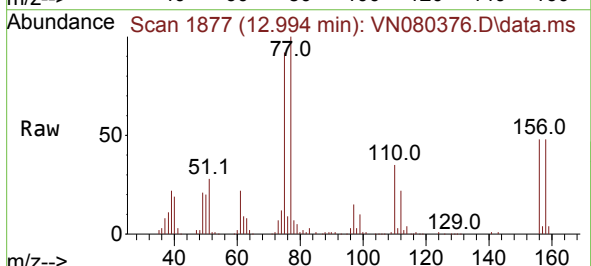
Acq: 06 Dec 2023 10:53

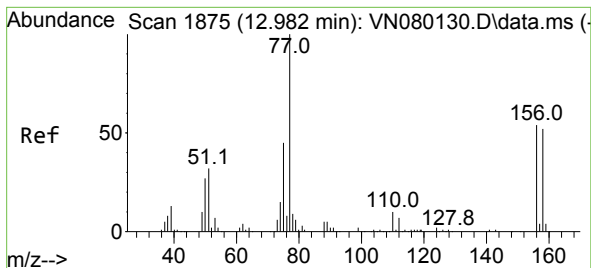
Tgt Ion: 75 Resp: 249980

Ion Ratio Lower Upper

75 100

77 135.1 84.5 253.5





#77

Bromobenzene

Concen: 54.879 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

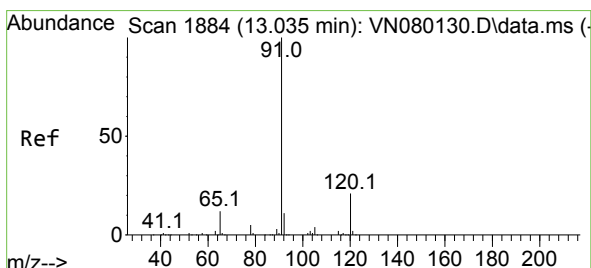
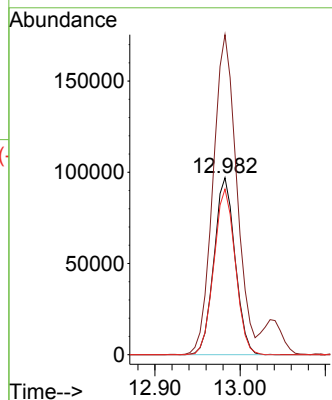
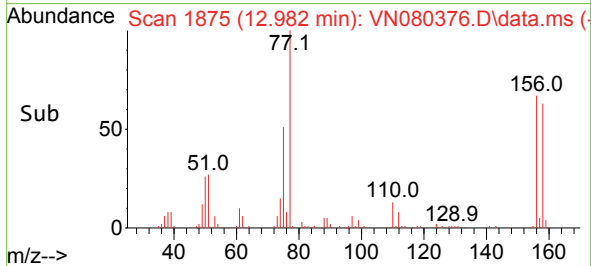
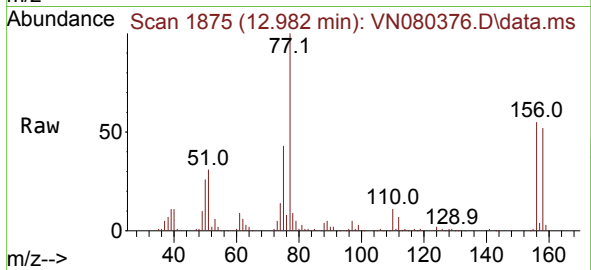
Tgt Ion:156 Resp: 166668

Ion Ratio Lower Upper

156 100

77 202.7 107.7 323.3

158 95.0 48.4 145.3



#78

n-propylbenzene

Concen: 53.963 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080376.D

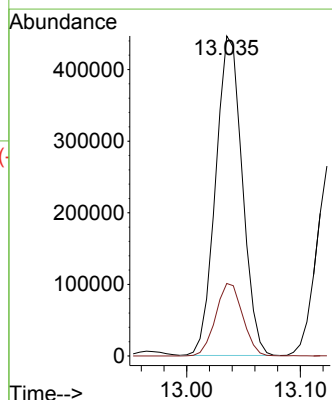
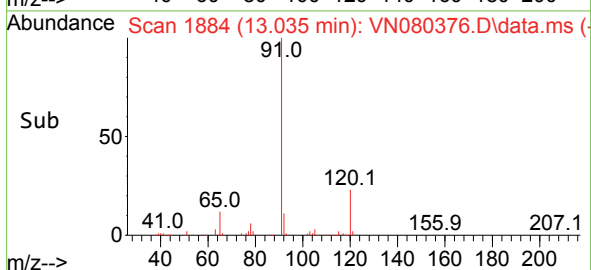
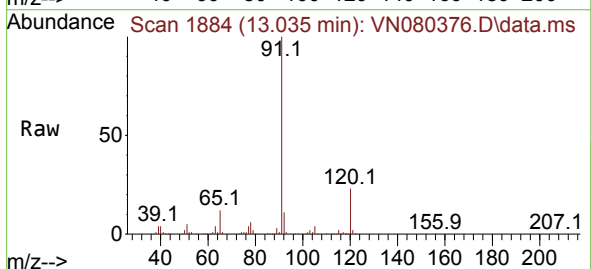
Acq: 06 Dec 2023 10:53

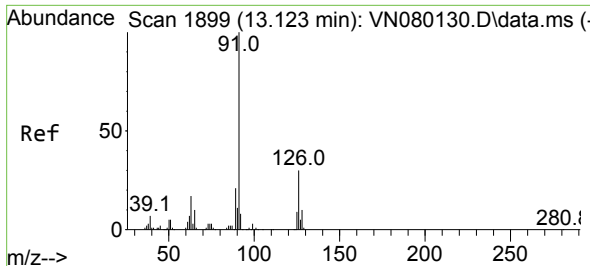
Tgt Ion: 91 Resp: 726872

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

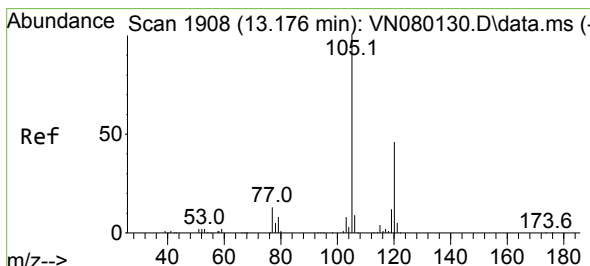
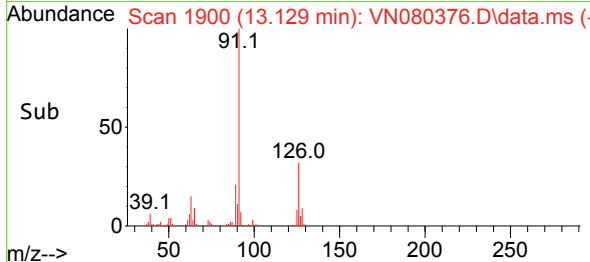
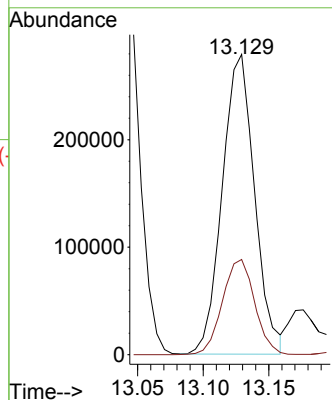
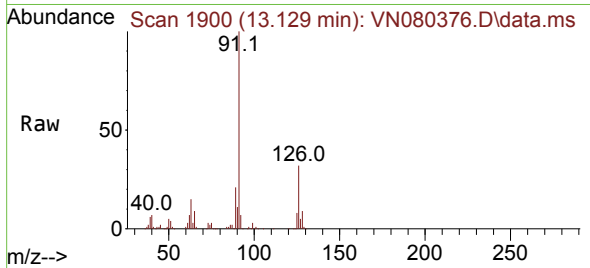




#79
2-Chlorotoluene
Concen: 54.698 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

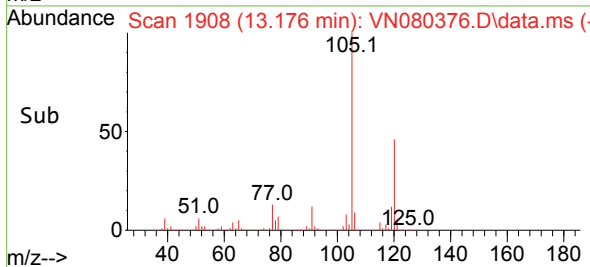
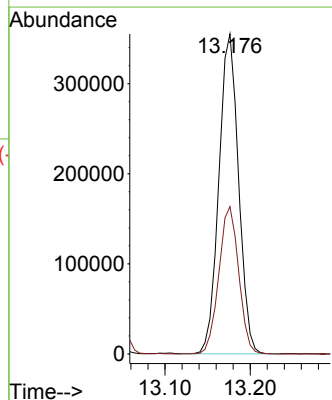
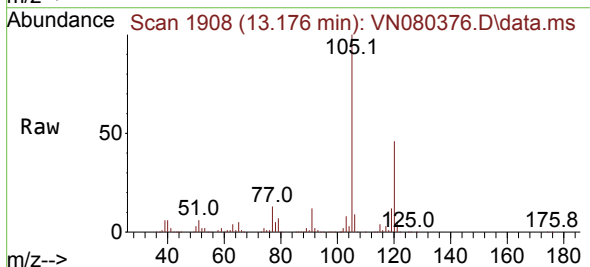
Instrument :
MSVOA_N
ClientSampleId :

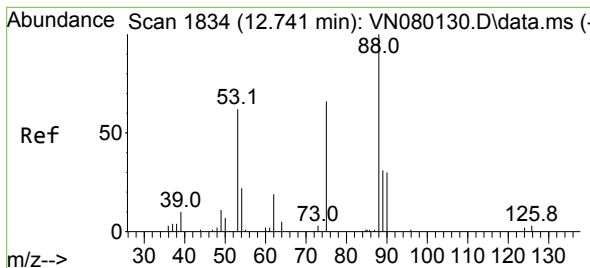
Tgt Ion: 91 Resp: 478528
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.271 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:105 Resp: 569070
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

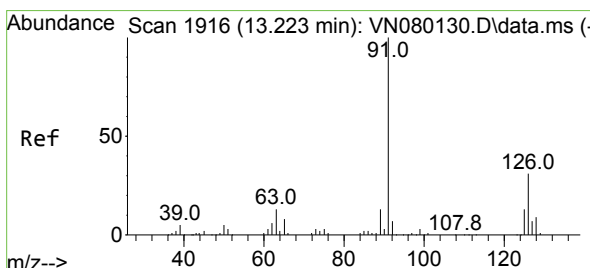
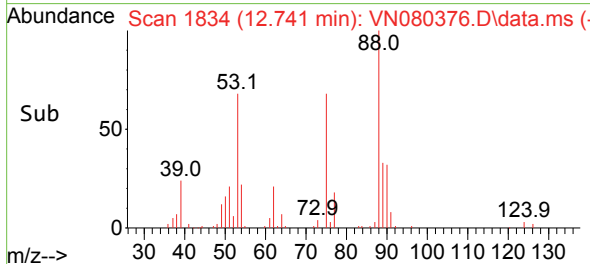
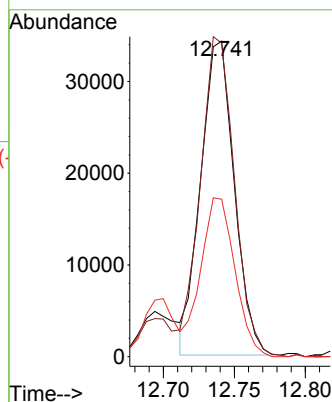
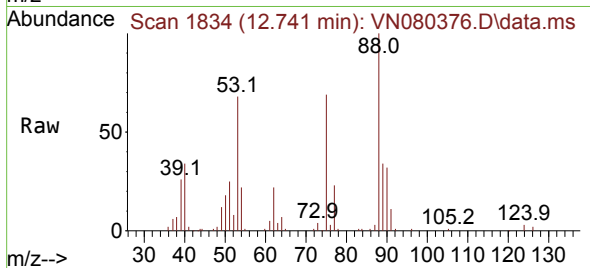




#81
trans-1,4-Dichloro-2-butene
Concen: 50.098 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

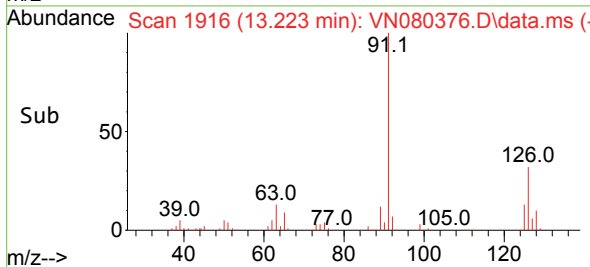
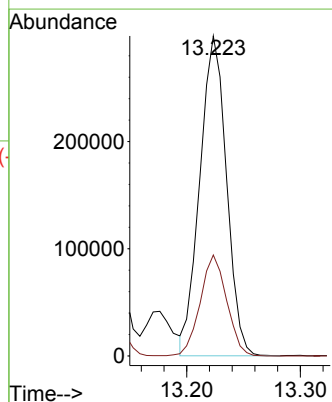
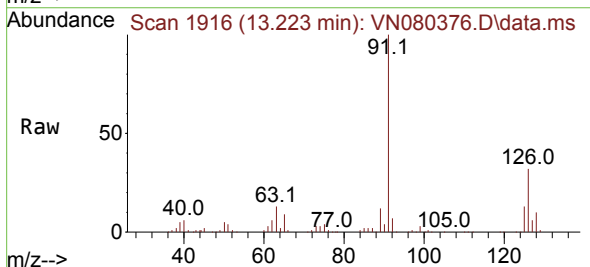
Instrument :
MSVOA_N
ClientSampleId :

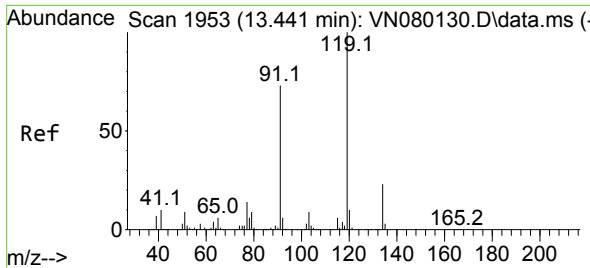
Tgt Ion: 75 Resp: 56319
Ion Ratio Lower Upper
75 100
53 105.0 67.4 101.2#
89 51.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.253 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 91 Resp: 486245
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0

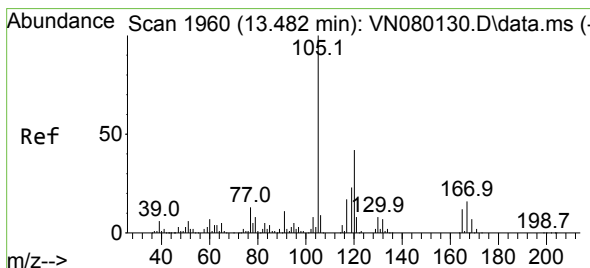
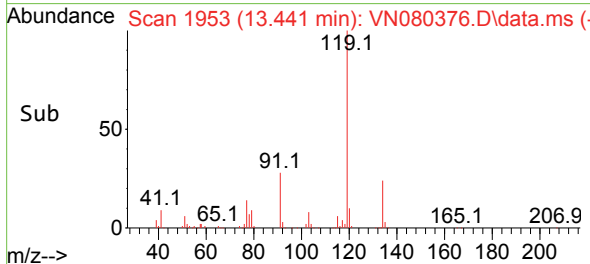
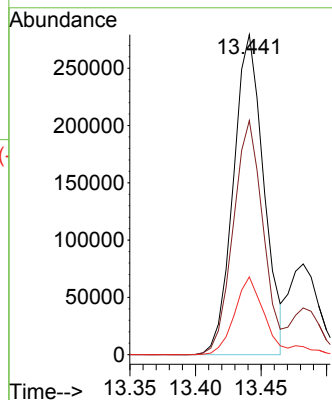
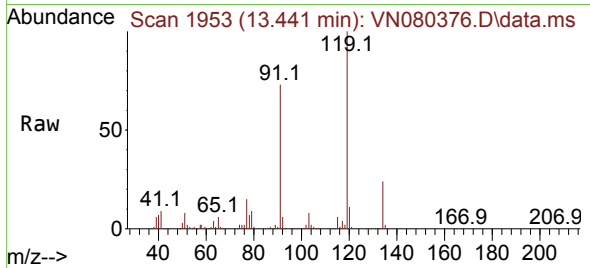




#83
 tert-Butylbenzene
 Concen: 53.614 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

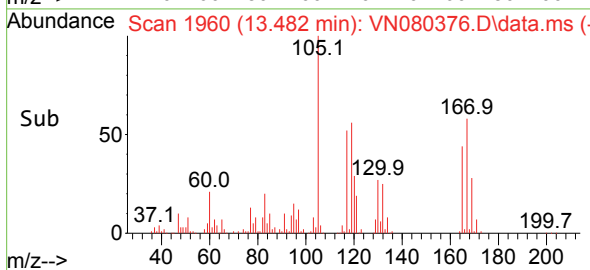
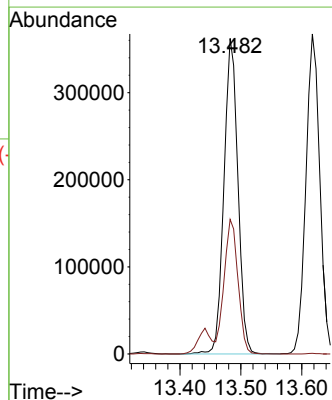
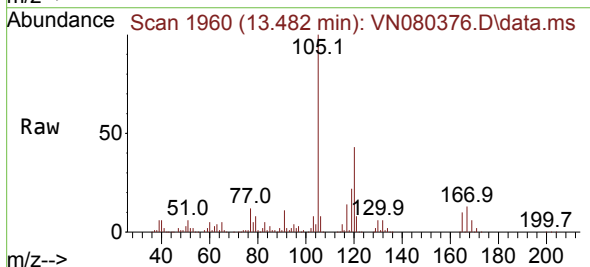
Instrument :
 MSVOA_N
 ClientSampleId :

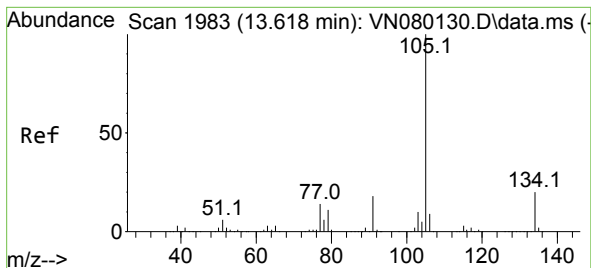
Tgt Ion:119 Resp: 450827
 Ion Ratio Lower Upper
 119 100
 91 71.7 33.9 101.7
 134 25.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.897 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion:105 Resp: 577136
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 54.472 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

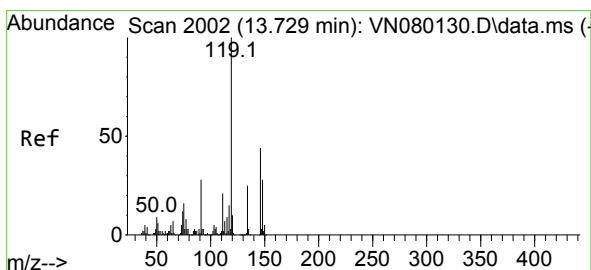
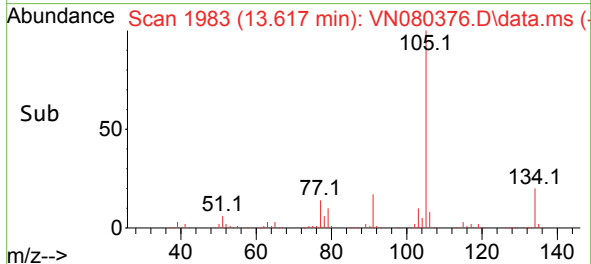
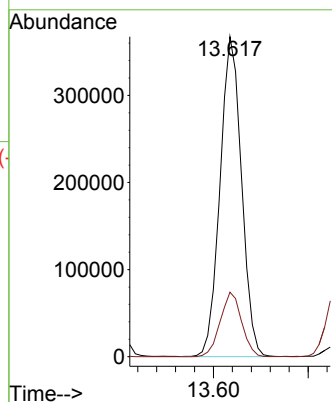
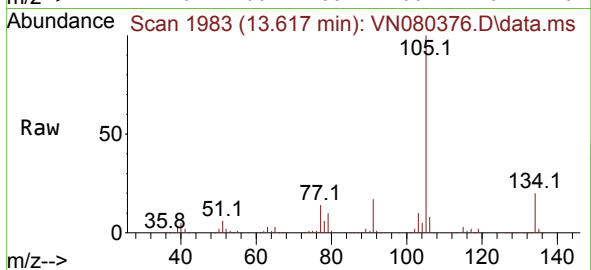
ClientSampleId :

Tgt Ion:105 Resp: 579444

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 56.452 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

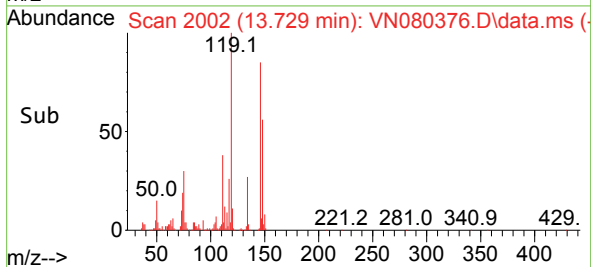
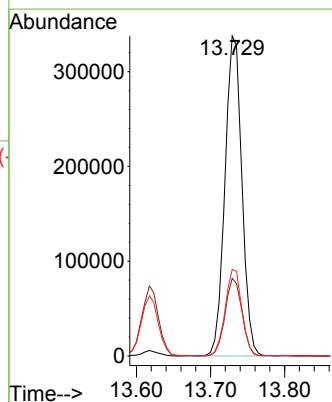
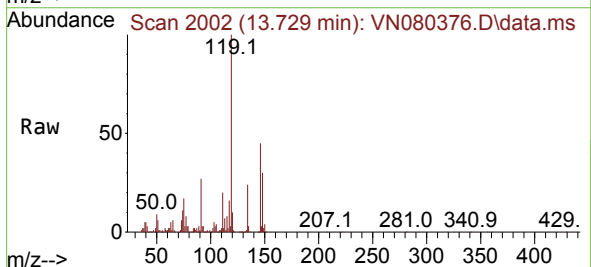
Tgt Ion:119 Resp: 536429

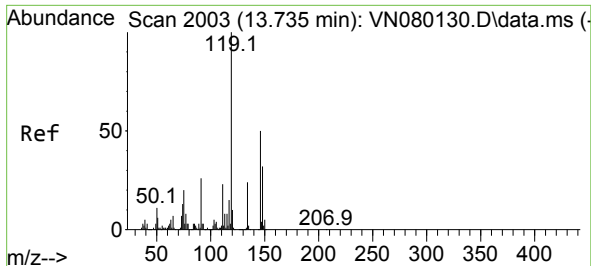
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 26.6 12.4 37.2

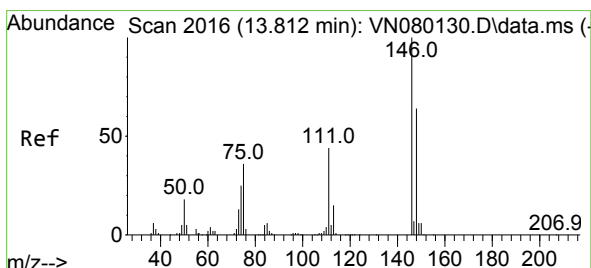
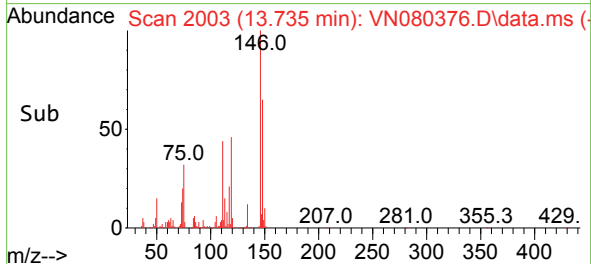
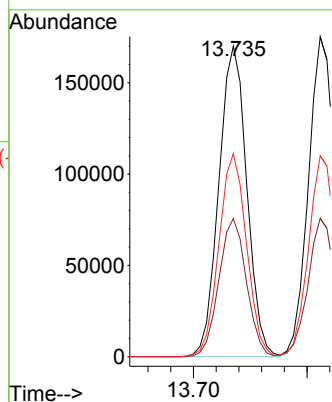
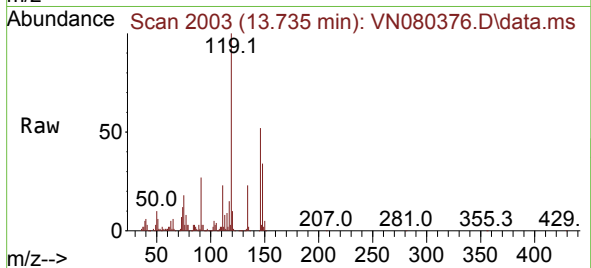




#87
 1,3-Dichlorobenzene
 Concen: 53.125 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

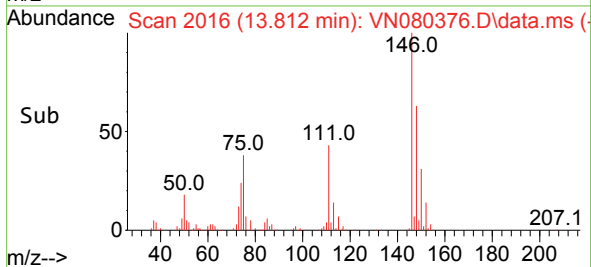
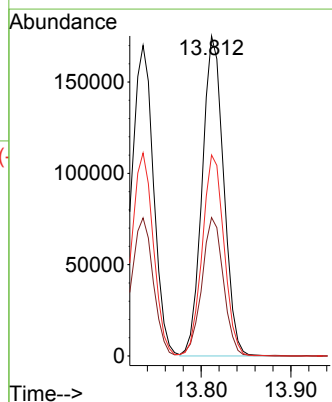
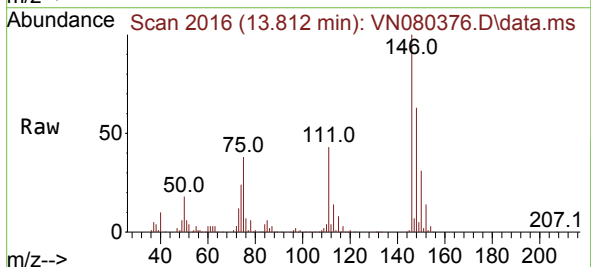
Instrument :
 MSVOA_N
 ClientSampleId :

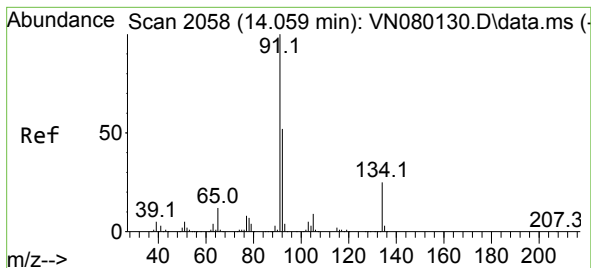
Tgt Ion:146 Resp: 290683
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.3
 148 64.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.995 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion:146 Resp: 291406
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.8
 148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 55.075 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

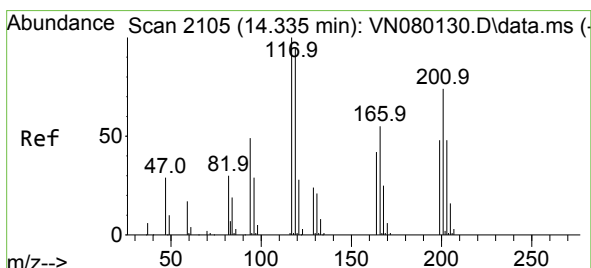
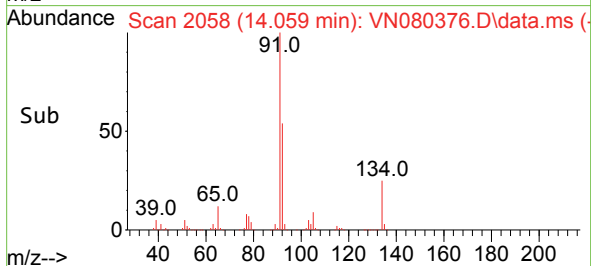
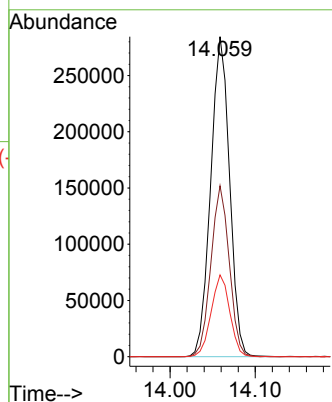
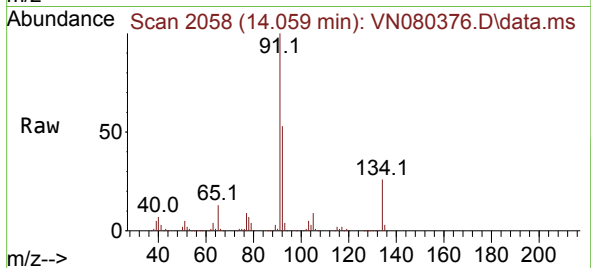
Tgt Ion: 91 Resp: 438042

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 51.194 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080376.D

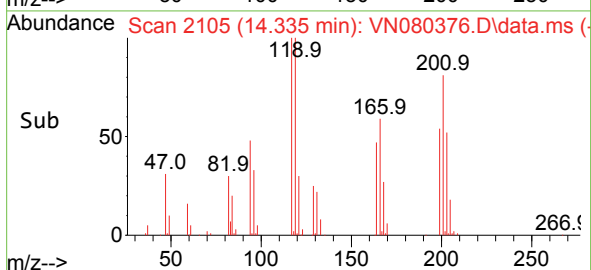
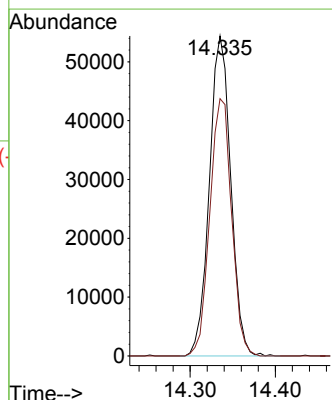
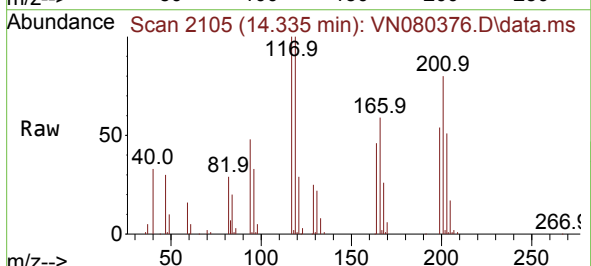
Acq: 06 Dec 2023 10:53

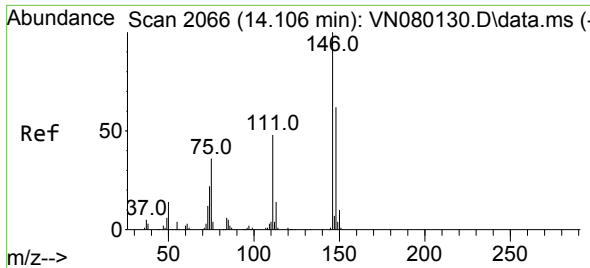
Tgt Ion: 117 Resp: 94838

Ion Ratio Lower Upper

117 100

201 81.8 29.3 88.0

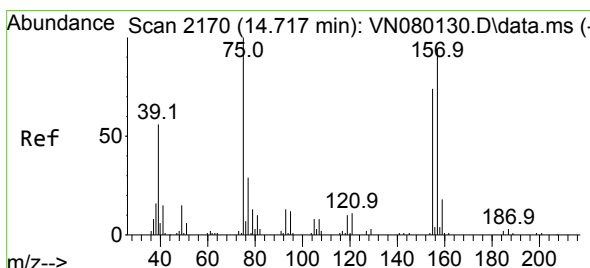
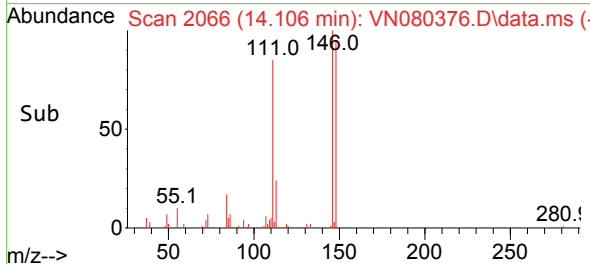
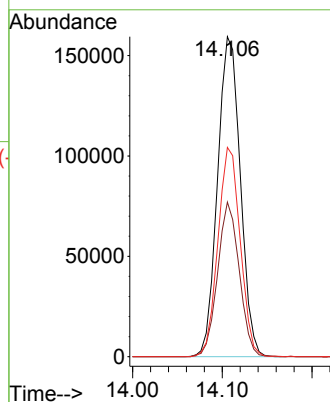
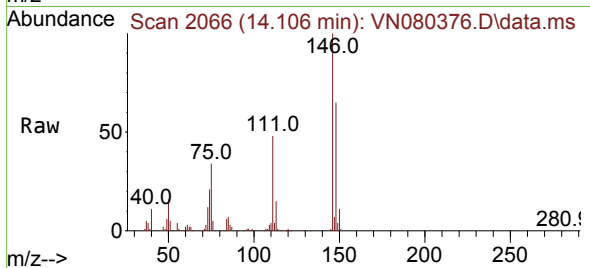




#91
1,2-Dichlorobenzene
Concen: 53.597 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

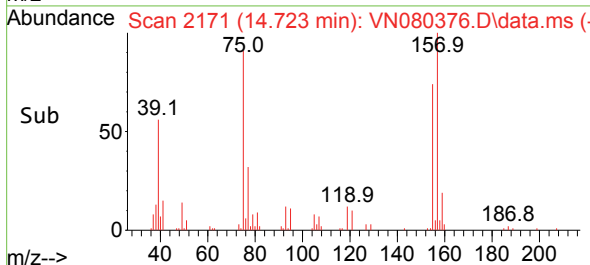
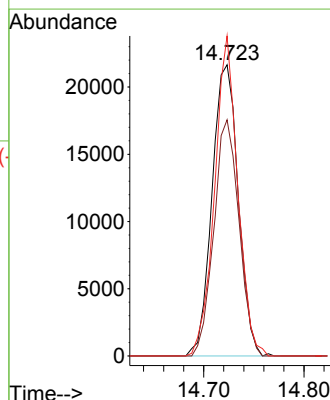
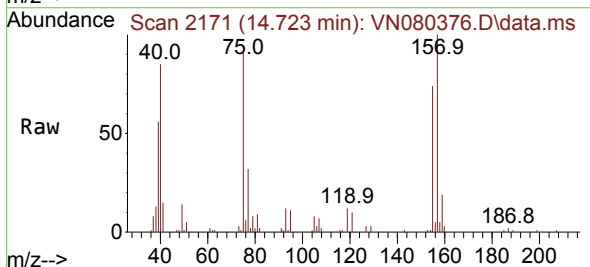
Instrument :
MSVOA_N
ClientSampleId :

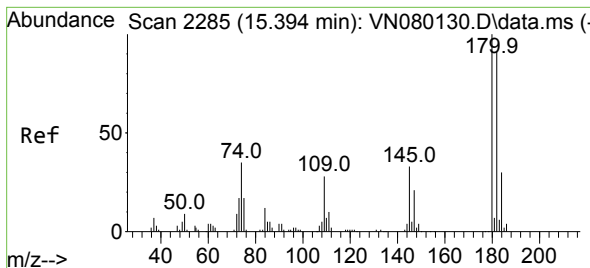
Tgt Ion:146 Resp: 280633
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 64.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.833 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 39218
Ion Ratio Lower Upper
75 100
155 78.0 39.1 117.2
157 97.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 51.270 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

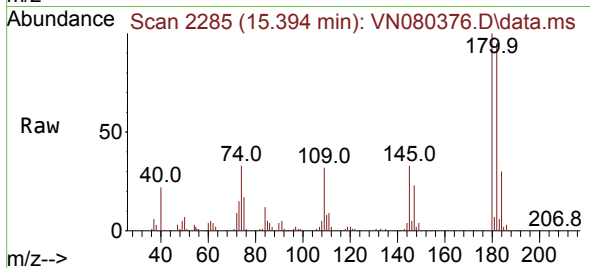
Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :



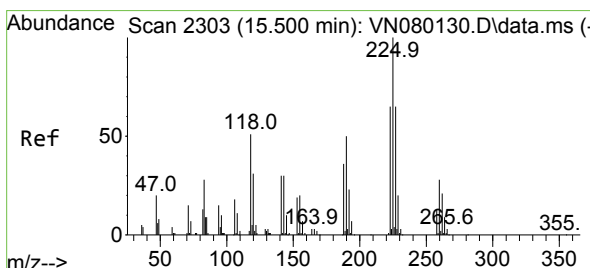
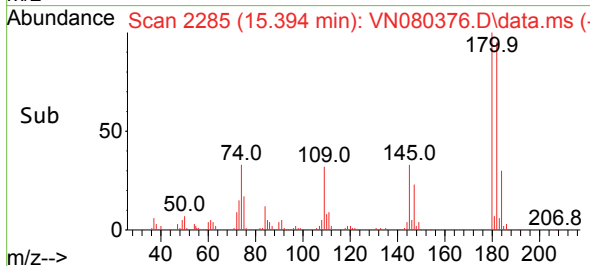
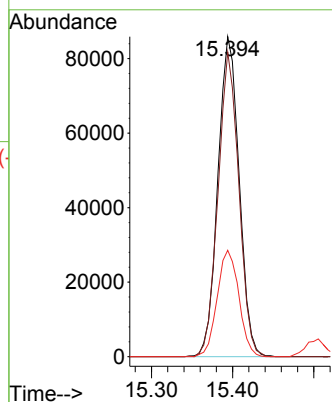
Tgt Ion:180 Resp: 156133

Ion Ratio Lower Upper

180 100

182 93.2 46.1 138.2

145 34.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 49.644 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

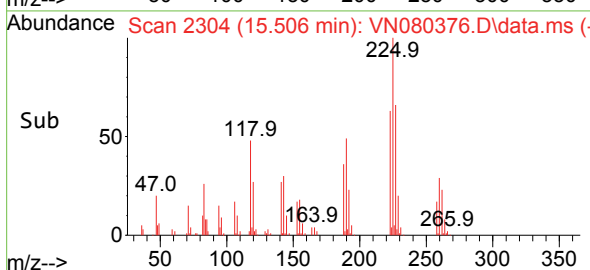
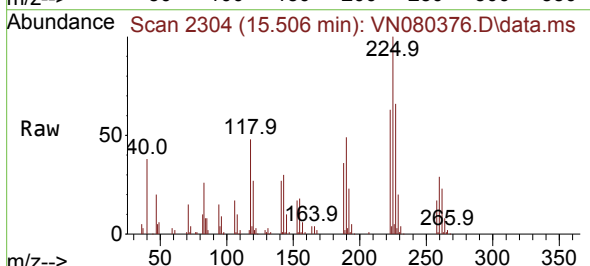
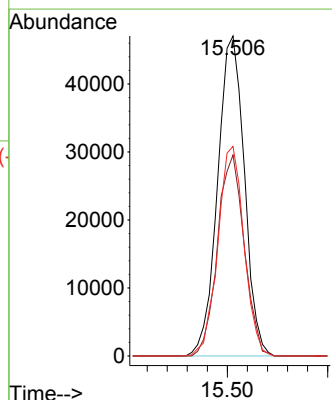
Tgt Ion:225 Resp: 87001

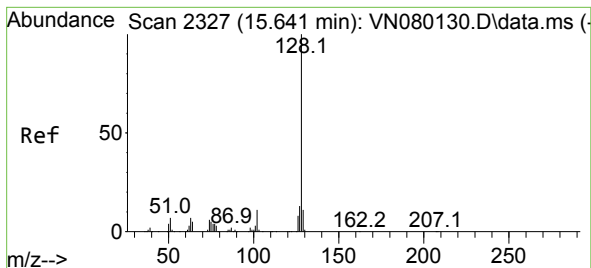
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.8

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 47.696 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

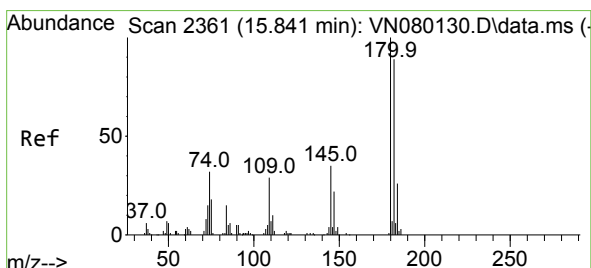
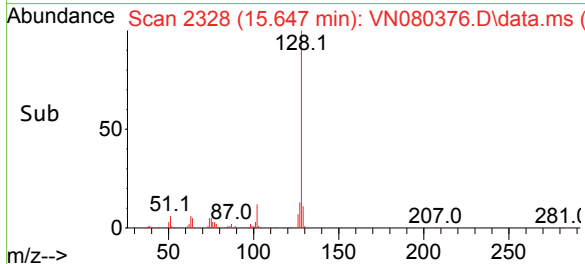
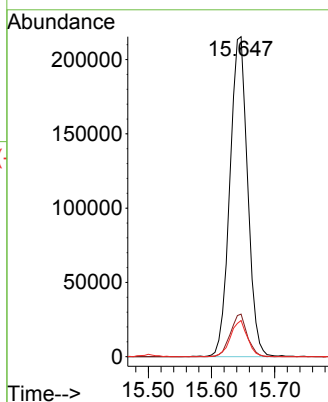
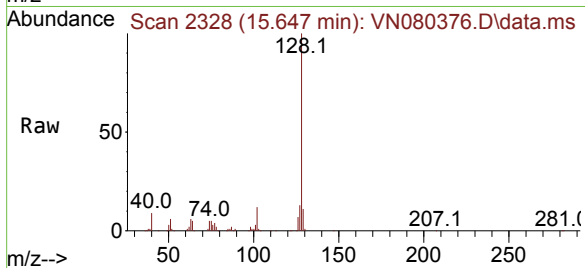
Tgt Ion:128 Resp: 421197

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.204 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Tgt Ion:180 Resp: 146157

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 35.5 17.5 52.6

