

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080330.D
 Acq On : 04 Dec 2023 12:00
 Operator : JC\MD
 Sample : VN1204WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 04:12:17 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	206676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171977	50.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.800%	
35) Dibromofluoromethane	8.165	113	122019	52.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.820%	
50) Toluene-d8	10.565	98	430981	51.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	12.853	95	164891	52.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	60896	19.781	ug/l	97
3) Chloromethane	2.359	50	41715	18.023	ug/l	100
4) Vinyl Chloride	2.512	62	46149	18.841	ug/l	94
5) Bromomethane	2.954	94	32102	19.306	ug/l	93
6) Chloroethane	3.118	64	29978	18.698	ug/l #	86
7) Trichlorofluoromethane	3.501	101	104726	20.496	ug/l	99
8) Diethyl Ether	3.965	74	27541	18.533	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	47170	20.197	ug/l	96
10) Methyl Iodide	4.595	142	49662	19.676	ug/l #	85
11) Tert butyl alcohol	5.518	59	39386	104.953	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	42233	19.334	ug/l	90
13) Acrolein	4.183	56	23167	69.756	ug/l	96
14) Allyl chloride	5.024	41	48713	17.725	ug/l	91
15) Acrylonitrile	5.724	53	95691	94.985	ug/l	97
16) Acetone	4.424	43	89593	78.166	ug/l	98
17) Carbon Disulfide	4.706	76	114388	17.538	ug/l	97
18) Methyl Acetate	5.018	43	64174	17.426	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	156450	20.281	ug/l	95
20) Methylene Chloride	5.277	84	50382	20.990	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	46278	19.284	ug/l #	81
22) Diisopropyl ether	6.677	45	119792	19.701	ug/l	94
23) Vinyl Acetate	6.606	43	331450	90.671	ug/l	95
24) 1,1-Dichloroethane	6.571	63	82920	18.723	ug/l	98
25) 2-Butanone	7.483	43	111744	82.055	ug/l	96
26) 2,2-Dichloropropane	7.489	77	84440	19.218	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	54436	20.008	ug/l	89
28) Bromochloromethane	7.812	49	33331	19.144	ug/l	98
29) Tetrahydrofuran	7.841	42	66573	91.056	ug/l	96
30) Chloroform	7.965	83	101505	20.506	ug/l	100
31) Cyclohexane	8.253	56	64031	17.253	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	100257	20.769	ug/l	95
36) 1,1-Dichloropropene	8.371	75	68399	20.292	ug/l	97
37) Ethyl Acetate	7.559	43	44041	18.836	ug/l	98
38) Carbon Tetrachloride	8.365	117	92364	21.593	ug/l	98
39) Methylcyclohexane	9.600	83	61391	18.889	ug/l	93
40) Benzene	8.606	78	196598	20.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24426	19.023	ug/l	96
42) 1,2-Dichloroethane	8.671	62	87068	22.214	ug/l	95
43) Isopropyl Acetate	8.688	43	76295	16.769	ug/l	98
44) Trichloroethene	9.353	130	52032	20.705	ug/l	92
45) 1,2-Dichloropropane	9.624	63	45354	20.371	ug/l	98
46) Dibromomethane	9.712	93	37214	22.082	ug/l	92
47) Bromodichloromethane	9.888	83	81993	22.118	ug/l	95
48) Methyl methacrylate	9.682	41	47513	20.264	ug/l	90
49) 1,4-Dioxane	9.700	88	16006	410.334	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	229017	97.223	ug/l	99
52) Toluene	10.635	92	124037	20.688	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	80305	21.084	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	80906	20.792	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	49493	21.629	ug/l	98
56) Ethyl methacrylate	10.877	69	48458	20.729	ug/l	95
57) 1,3-Dichloropropane	11.165	76	83037	20.784	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	117816	89.459	ug/l	100
59) 2-Hexanone	11.194	43	169293	89.439	ug/l	96
60) Dibromochloromethane	11.359	129	61056	22.287	ug/l	100
61) 1,2-Dibromoethane	11.471	107	49170	21.063	ug/l	98
64) Tetrachloroethene	11.106	164	56158	25.485	ug/l	99
65) Chlorobenzene	11.894	112	136907	20.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	57672	22.715	ug/l	93
67) Ethyl Benzene	11.965	91	238474	20.484	ug/l	96
68) m/p-Xylenes	12.071	106	178229	41.988	ug/l	86
69) o-Xylene	12.400	106	85718	21.427	ug/l	86
70) Styrene	12.412	104	127542	21.421	ug/l	95
71) Bromoform	12.582	173	42200	22.413	ug/l #	98
73) Isopropylbenzene	12.700	105	224382	19.820	ug/l	99
74) N-amyl acetate	12.500	43	57923	16.407	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	59084	17.437	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	88370	24.756	ug/l	73
77) Bromobenzene	12.982	156	59141	20.720	ug/l	91
78) n-propylbenzene	13.035	91	245968	19.429	ug/l	100
79) 2-Chlorotoluene	13.129	91	165846	20.170	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	195886	19.877	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	22849	21.626	ug/l	96
82) 4-Chlorotoluene	13.223	91	167353	19.868	ug/l	97
83) tert-Butylbenzene	13.441	119	150336	19.023	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	197721	20.375	ug/l	98
85) sec-Butylbenzene	13.618	105	192771	19.282	ug/l	100
86) p-Isopropyltoluene	13.729	119	176550	19.769	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	101802	19.796	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	99117	19.179	ug/l	97
89) n-Butylbenzene	14.059	91	139297	18.635	ug/l	98
90) Hexachloroethane	14.335	117	31412	18.042	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	96709	19.652	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14118	17.938	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	47735	16.678	ug/l	96
94) Hexachlorobutadiene	15.500	225	28987	17.599	ug/l	98
95) Naphthalene	15.647	128	124895	15.048	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	44730	16.673	ug/l	96

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

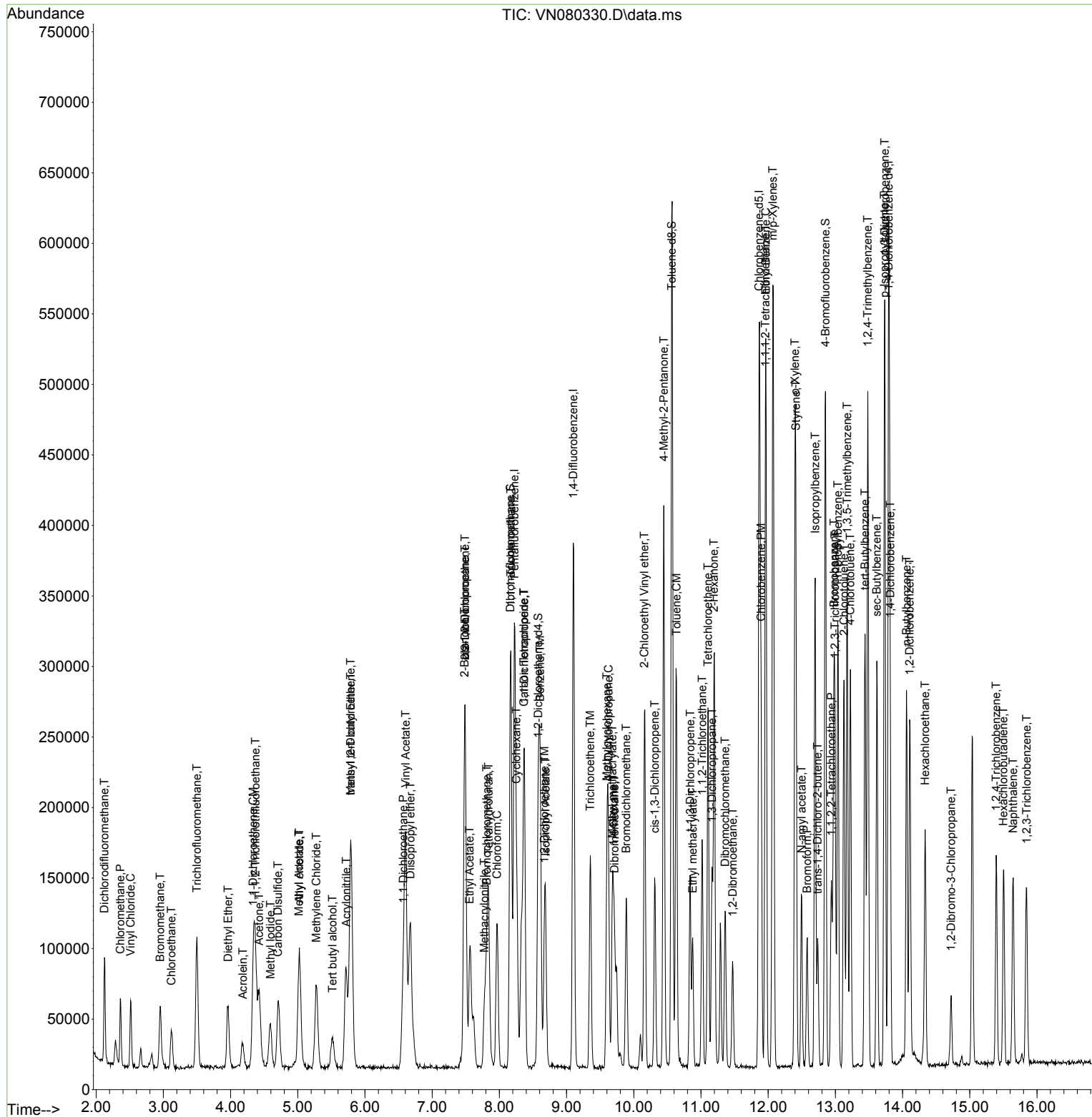
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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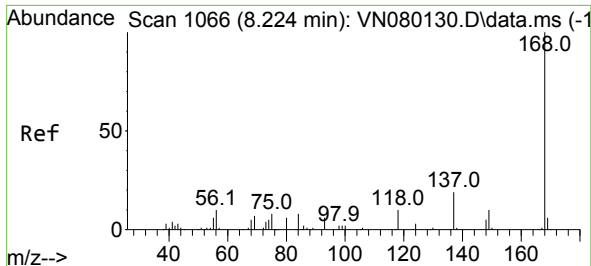
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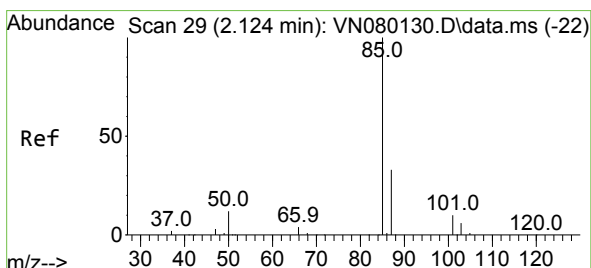
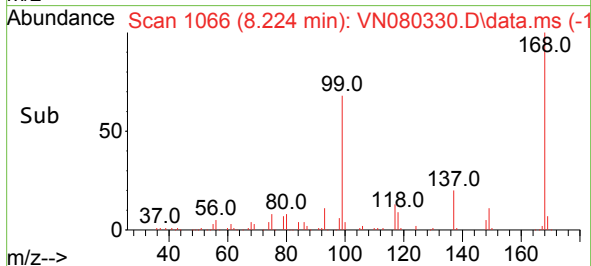
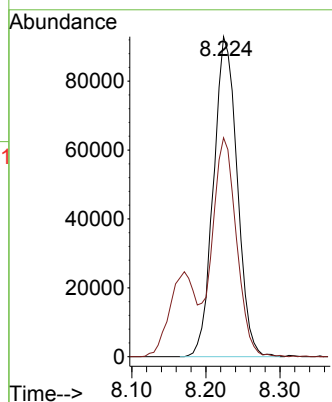
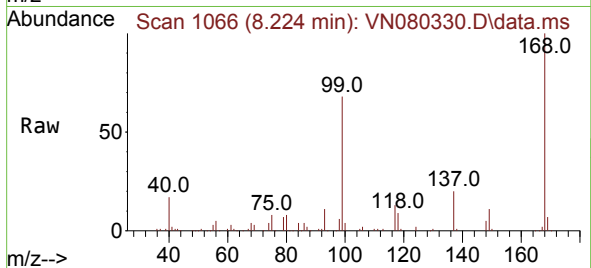




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

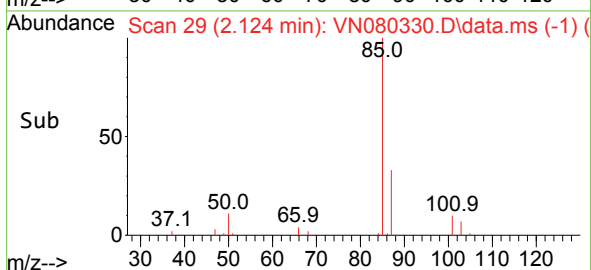
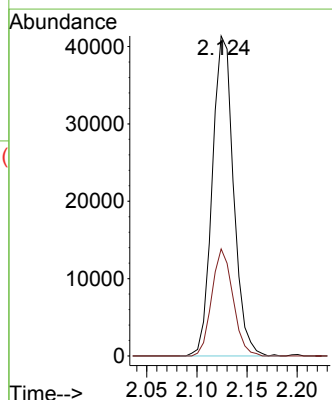
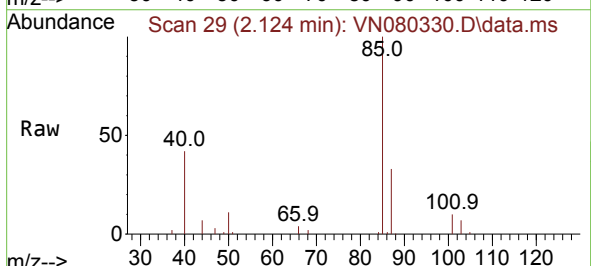
Instrument :
MSVOA_N
ClientSampleId :

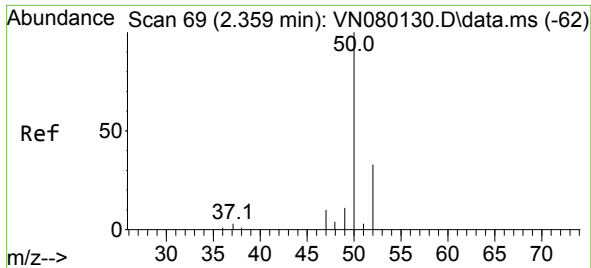
Tgt Ion:168 Resp: 206676
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.781 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 85 Resp: 60896
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4

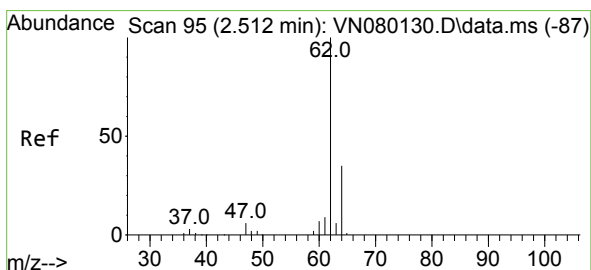
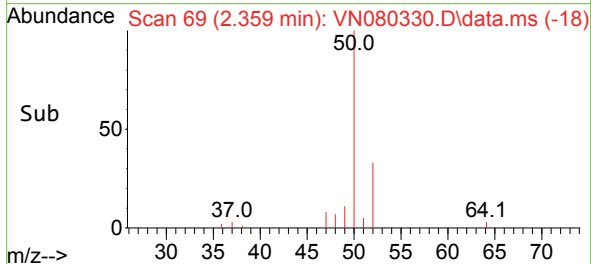
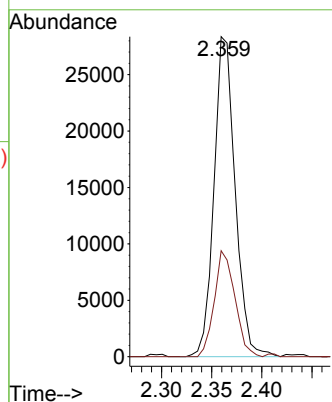
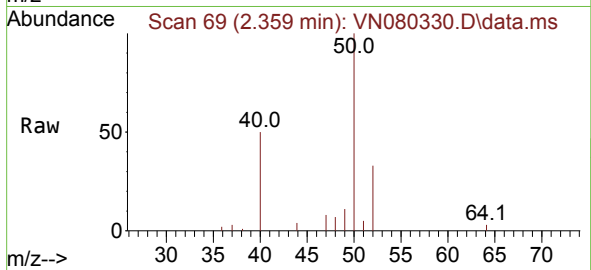




#3
Chloromethane
Concen: 18.023 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

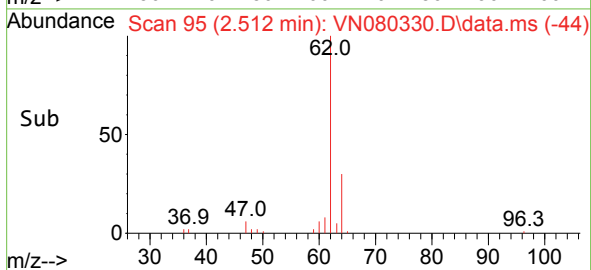
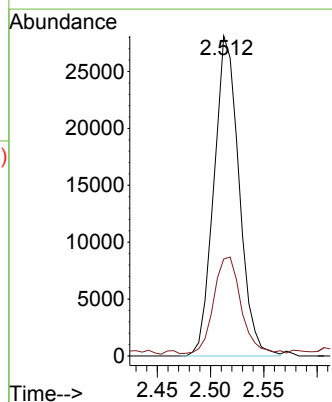
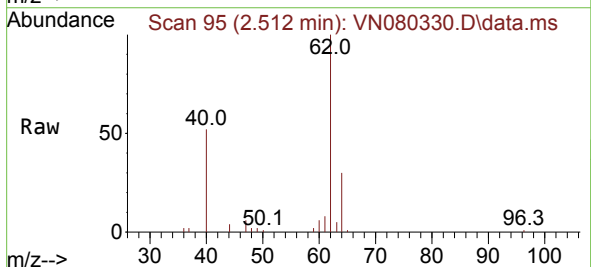
Instrument :
MSVOA_N
ClientSampleId :

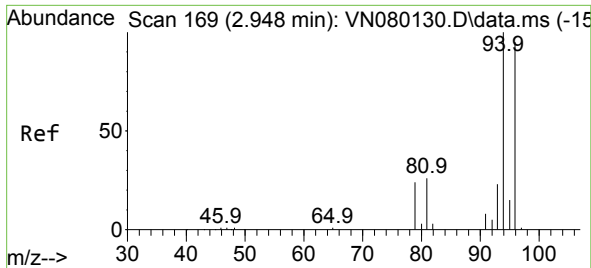
Tgt Ion: 50 Resp: 41715
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 18.841 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 62 Resp: 46149
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2

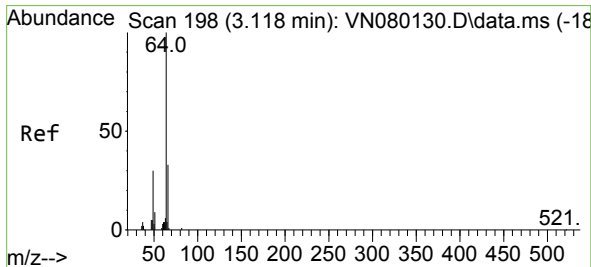
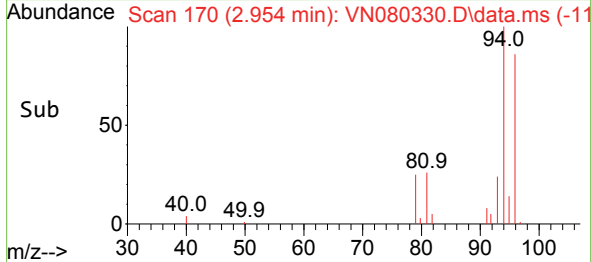
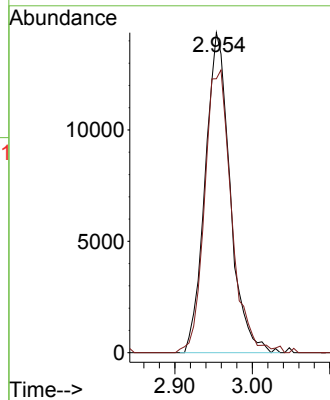
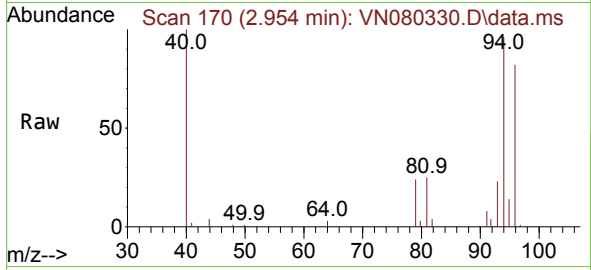




#5
Bromomethane
Concen: 19.306 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

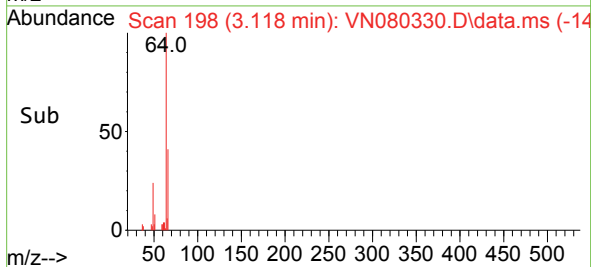
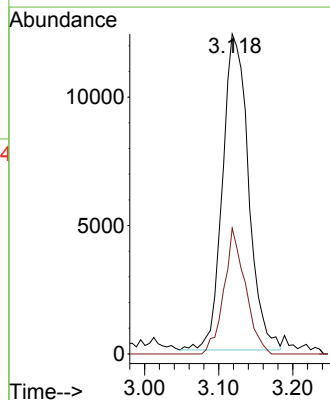
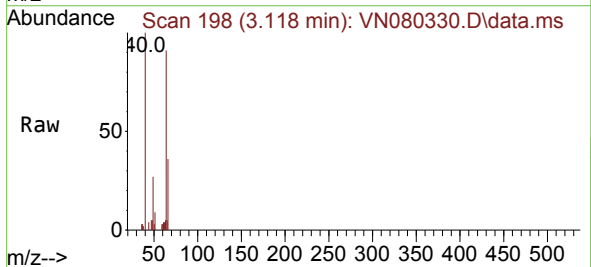
Instrument :
MSVOA_N
ClientSampleId :

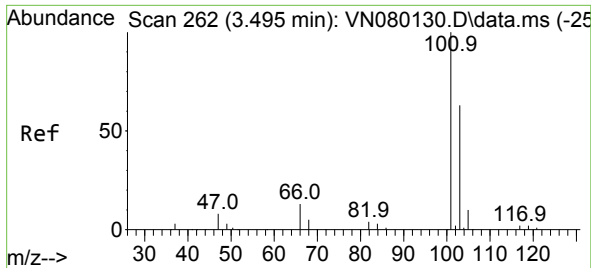
Tgt Ion: 94 Resp: 32102
Ion Ratio Lower Upper
94 100
96 84.5 73.1 109.7



#6
Chloroethane
Concen: 18.698 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 64 Resp: 29978
Ion Ratio Lower Upper
64 100
66 39.8 25.4 38.2#

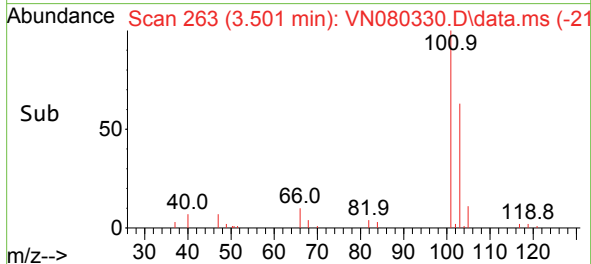
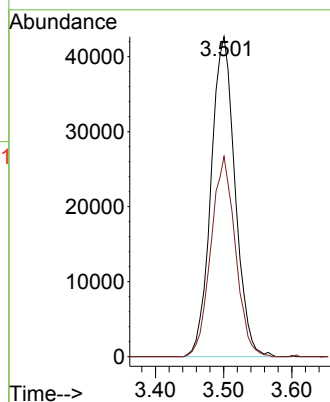
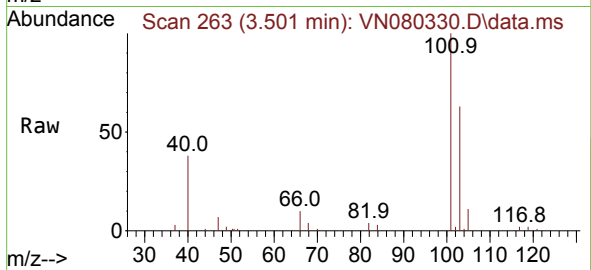




#7
 Trichlorofluoromethane
 Concen: 20.496 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

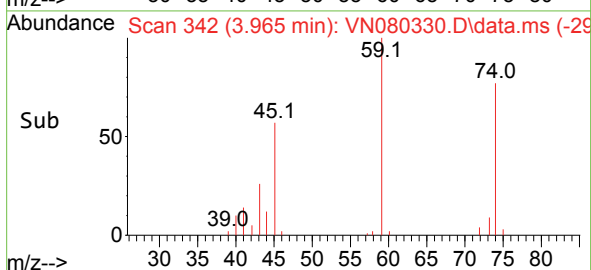
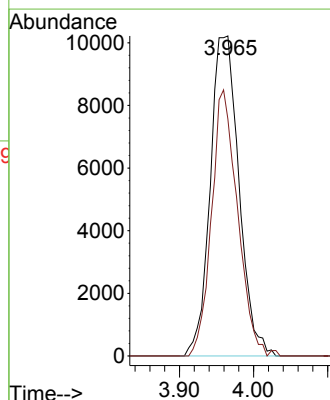
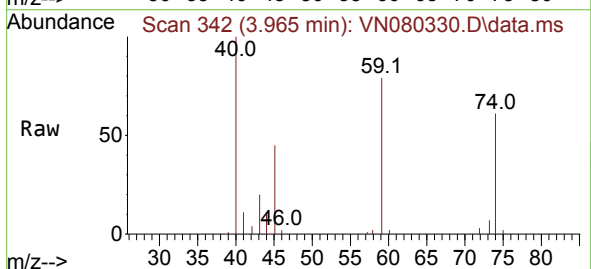
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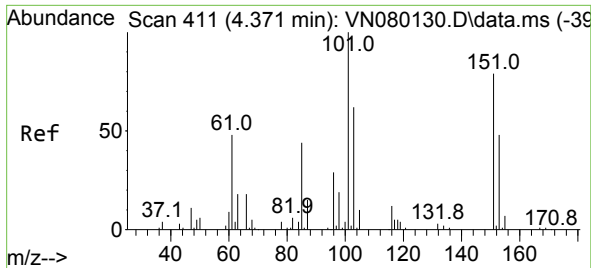
Tgt Ion:101 Resp: 104726
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.533 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion: 74 Resp: 27541
 Ion Ratio Lower Upper
 74 100
 45 75.4 34.4 103.3

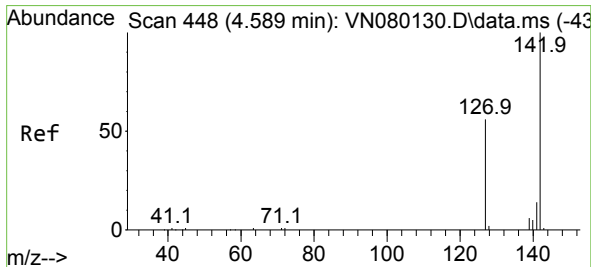
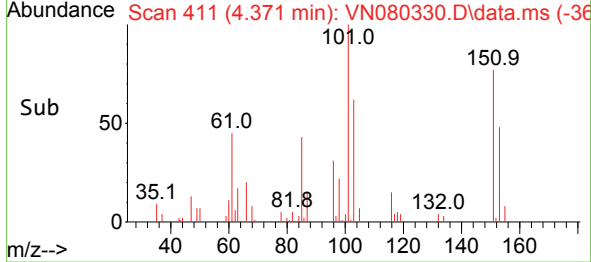
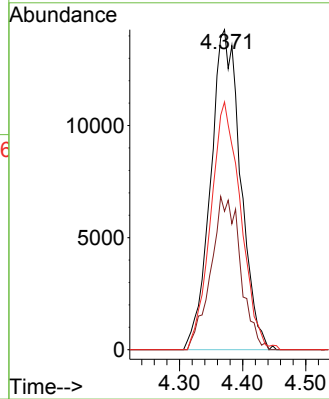
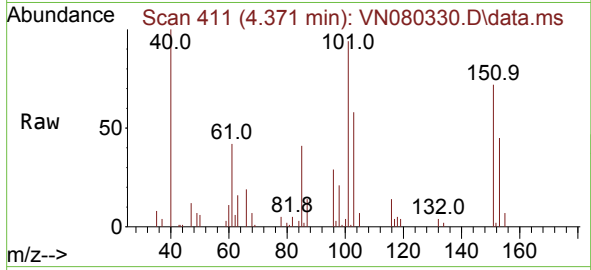




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.197 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

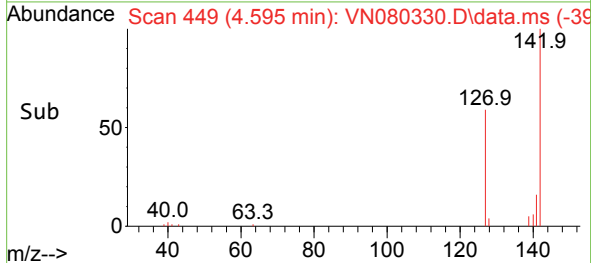
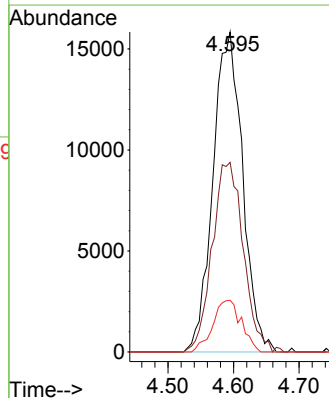
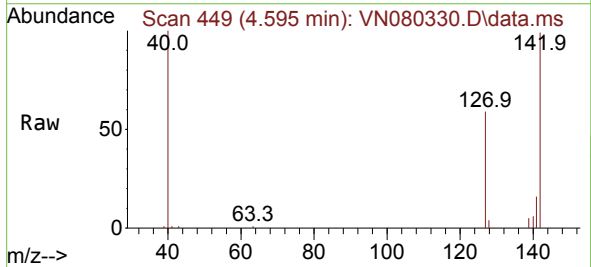
Instrument :
MSVOA_N
ClientSampleId :

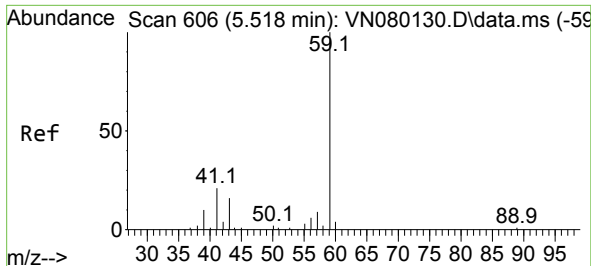
Tgt Ion:101 Resp: 47170
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 77.0 57.6 86.4



#10
Methyl Iodide
Concen: 19.676 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion:142 Resp: 49662
Ion Ratio Lower Upper
142 100
127 59.2 37.6 56.4#
141 16.2 11.4 17.0

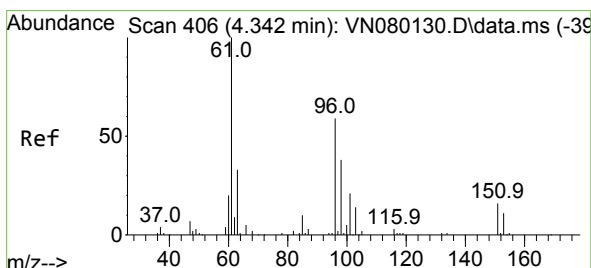
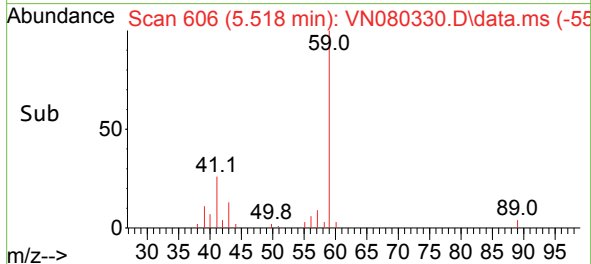
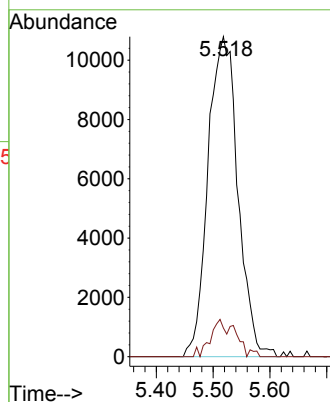
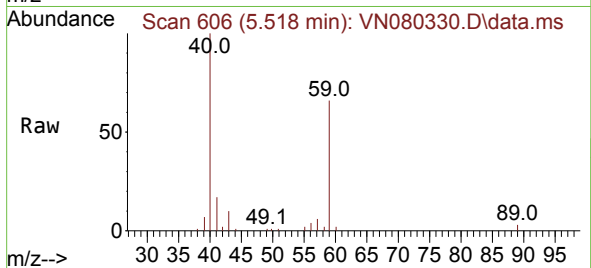




#11
Tert butyl alcohol
Concen: 104.953 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

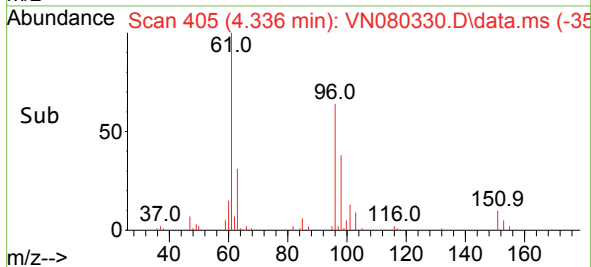
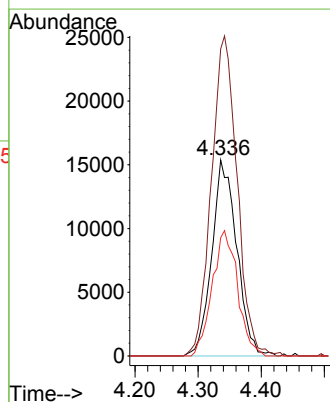
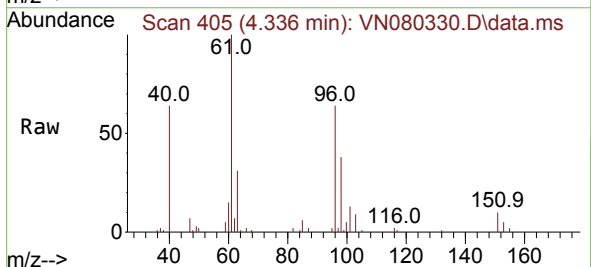
Instrument :
MSVOA_N
ClientSampleId :

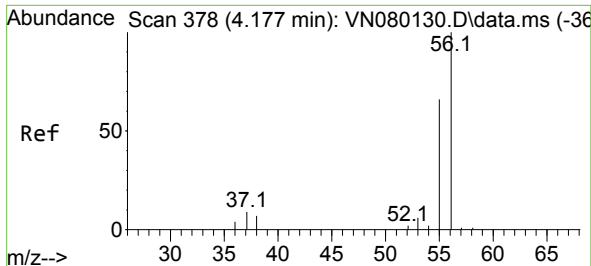
Tgt Ion: 59 Resp: 39386
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.334 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 96 Resp: 42233
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 60.3 51.2 76.8





#13

Acrolein

Concen: 69.756 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

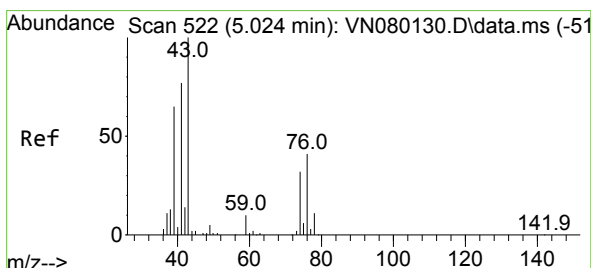
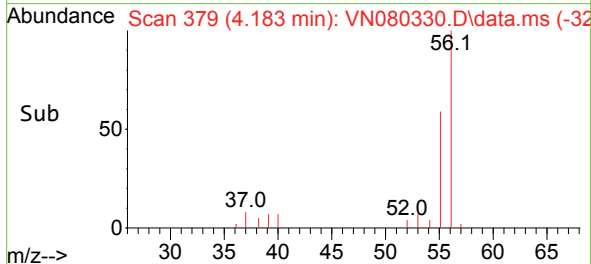
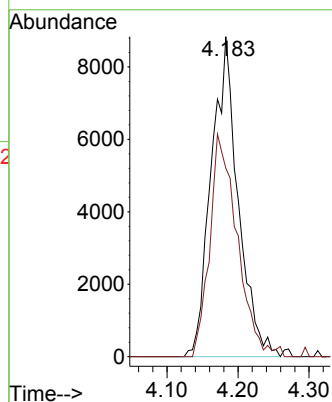
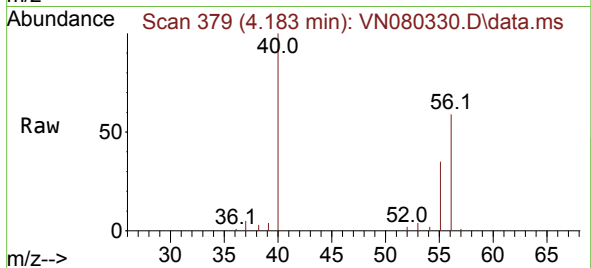
ClientSampleId :

Tgt Ion: 56 Resp: 23167

Ion Ratio Lower Upper

56 100

55 71.4 54.5 81.7



#14

Allyl chloride

Concen: 17.725 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

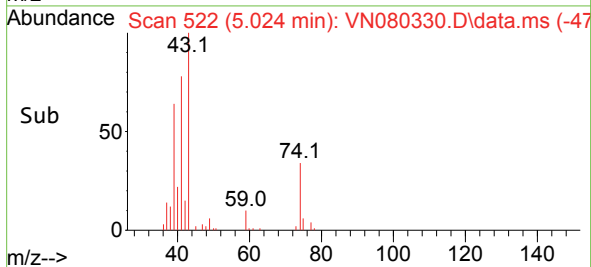
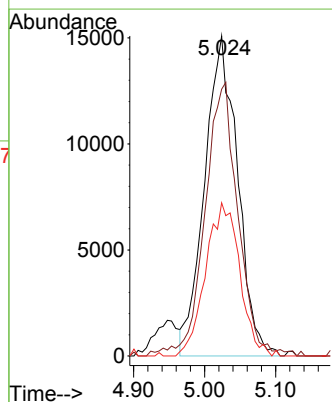
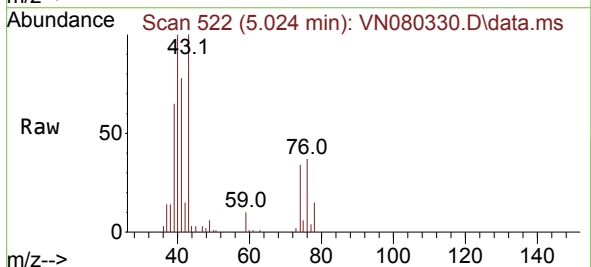
Tgt Ion: 41 Resp: 48713

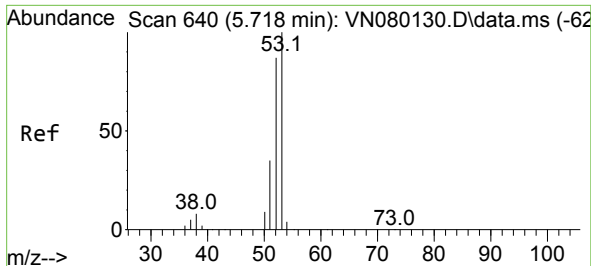
Ion Ratio Lower Upper

41 100

39 85.7 58.8 88.2

76 49.4 39.1 58.7

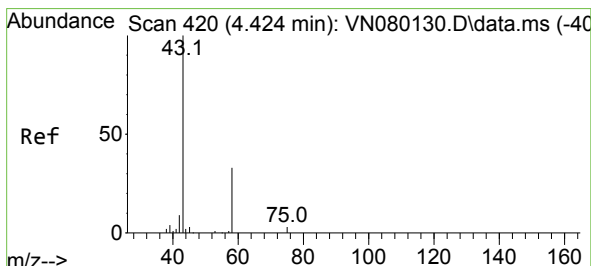
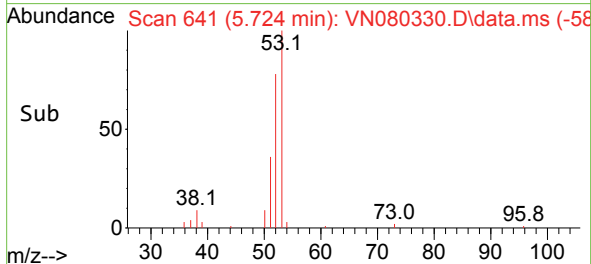
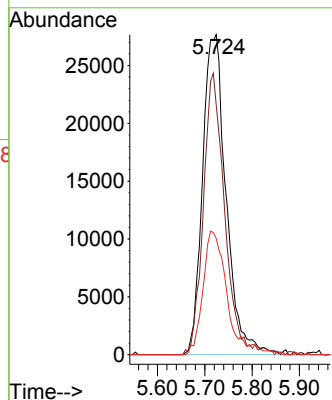
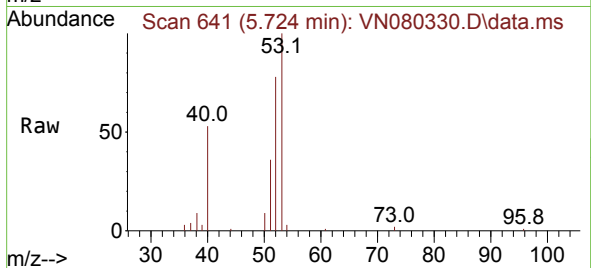




#15
Acrylonitrile
Concen: 94.985 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

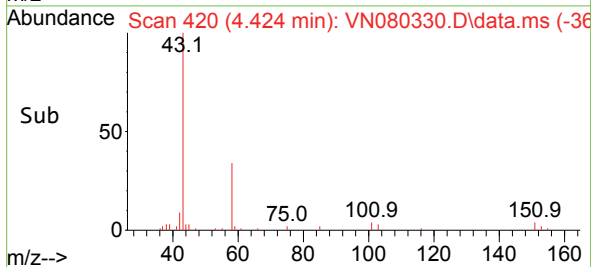
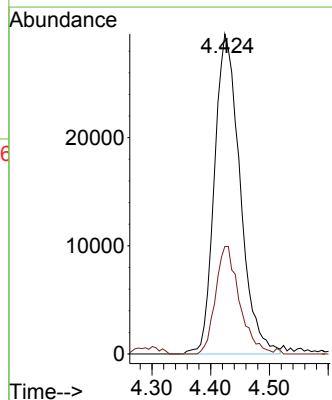
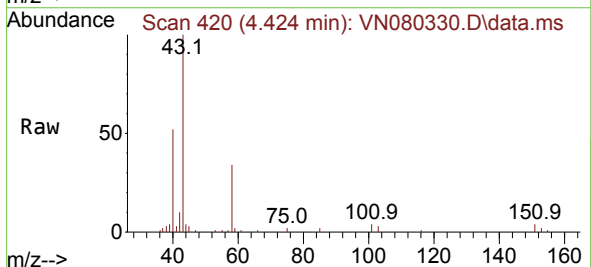
Instrument :
MSVOA_N
ClientSampleId :

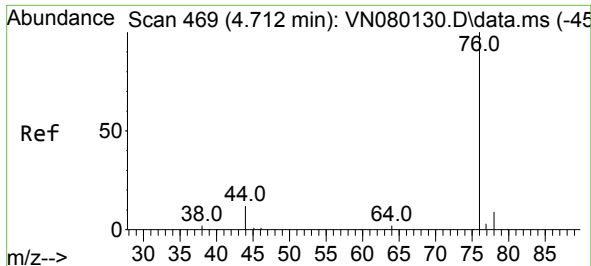
Tgt Ion: 53 Resp: 95691
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 39.2 28.9 43.3



#16
Acetone
Concen: 78.166 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 43 Resp: 89593
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0

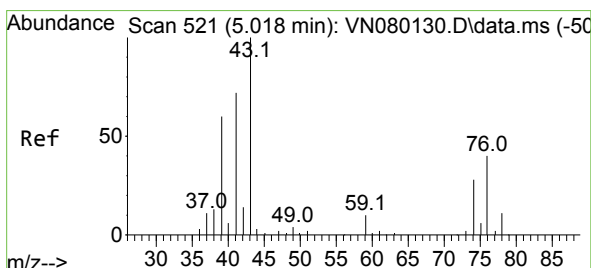
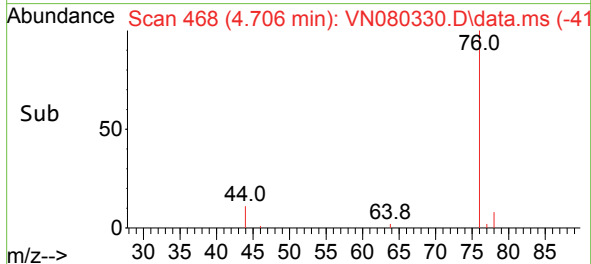
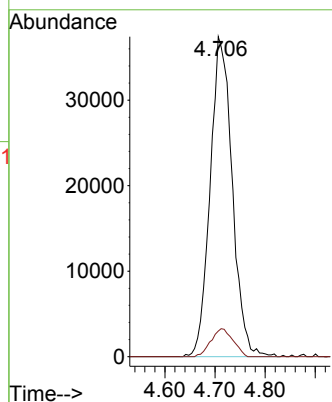
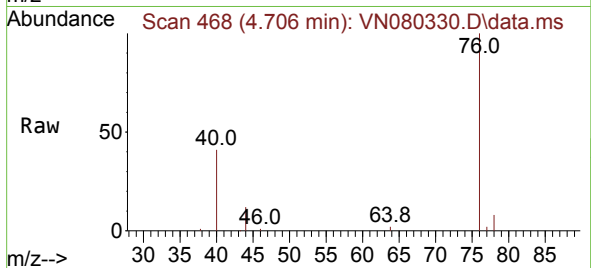




#17
Carbon Disulfide
Concen: 17.538 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

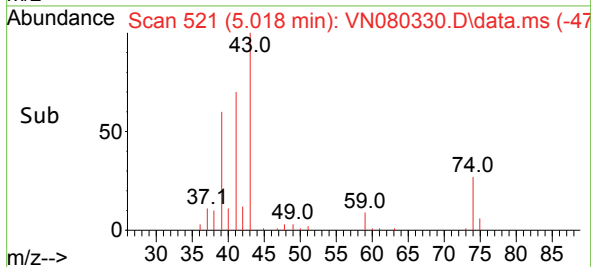
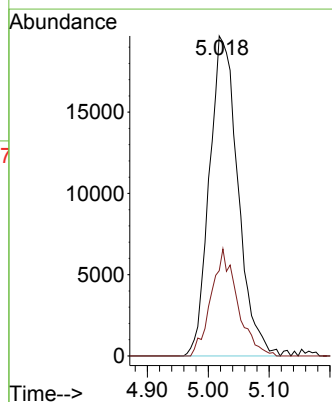
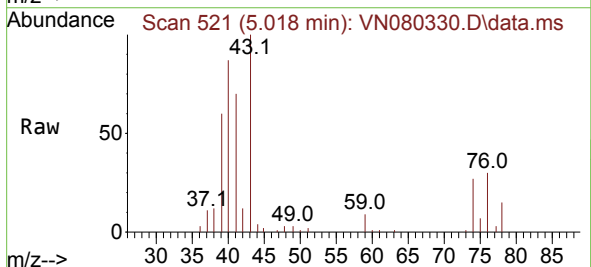
Instrument :
MSVOA_N
ClientSampleId :

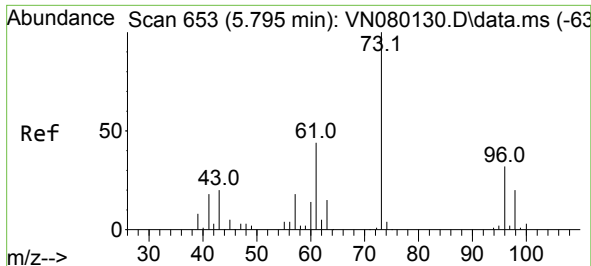
Tgt Ion: 76 Resp: 114388
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.426 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 43 Resp: 64174
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4

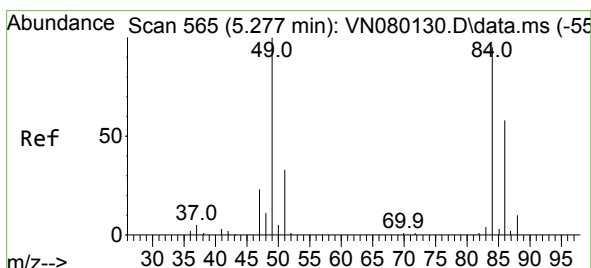
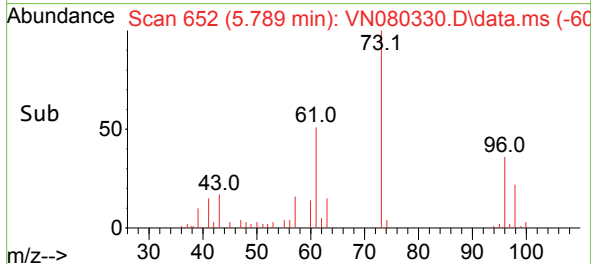
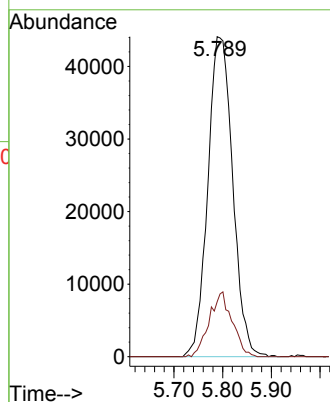
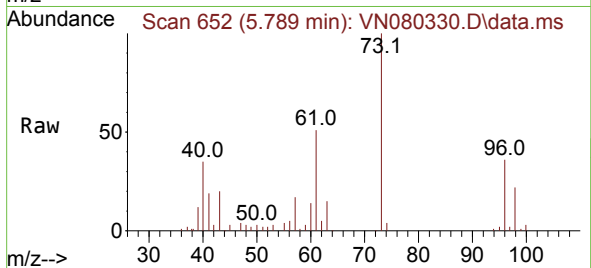




#19
Methyl tert-butyl Ether
Concen: 20.281 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

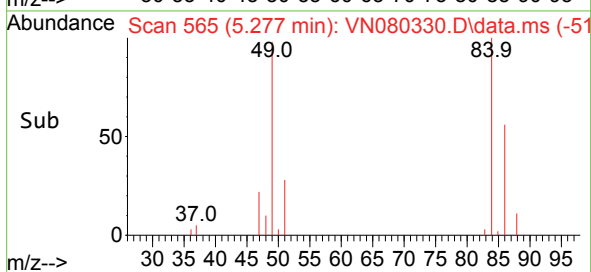
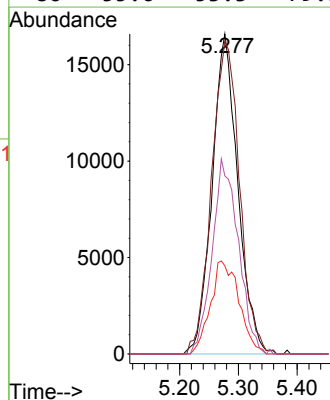
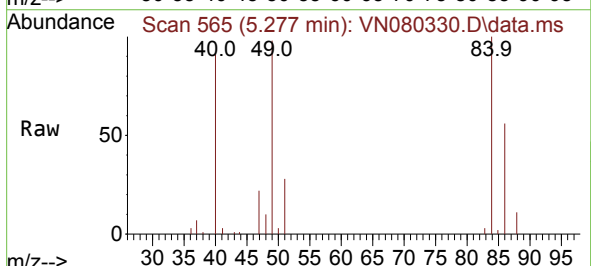
Instrument :
MSVOA_N
ClientSampleId :

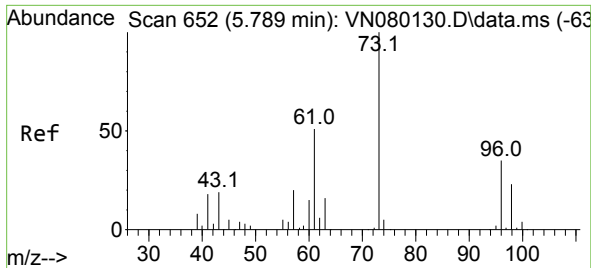
Tgt Ion: 73 Resp: 156450
Ion Ratio Lower Upper
73 100
57 17.1 15.6 23.4



#20
Methylene Chloride
Concen: 20.990 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 84 Resp: 50382
Ion Ratio Lower Upper
84 100
49 97.7 79.7 119.5
51 27.5 25.2 37.8
86 55.6 53.3 79.9

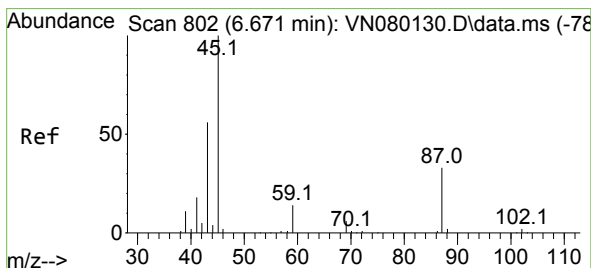
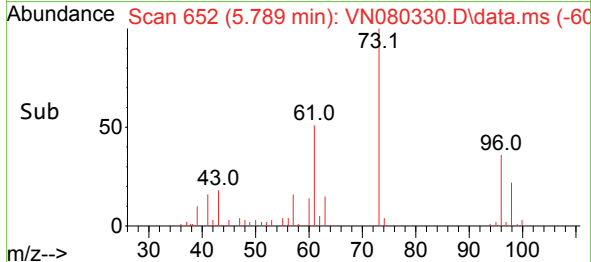
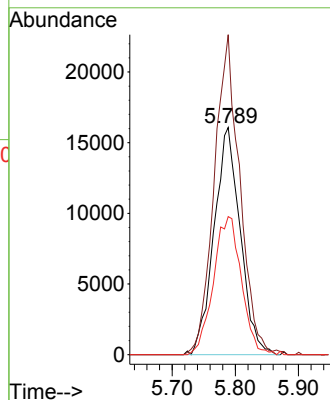
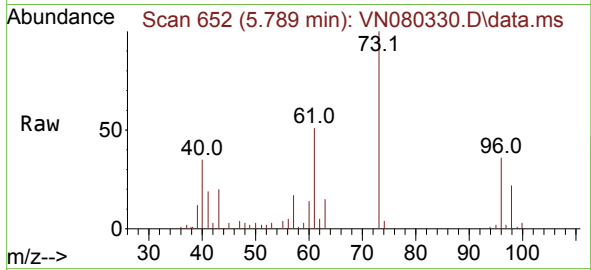




#21
trans-1,2-Dichloroethene
Concen: 19.284 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

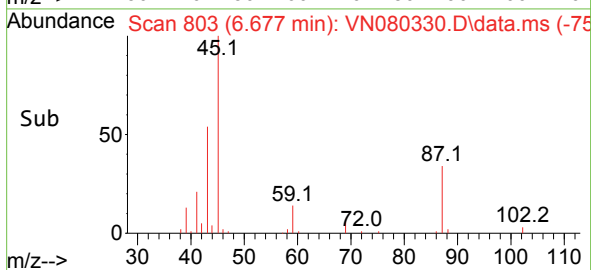
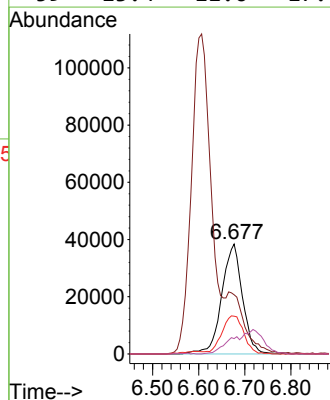
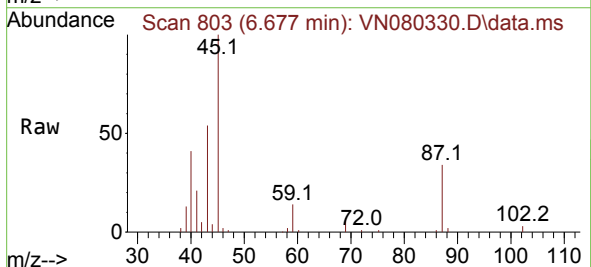
Instrument :
MSVOA_N
ClientSampleId :

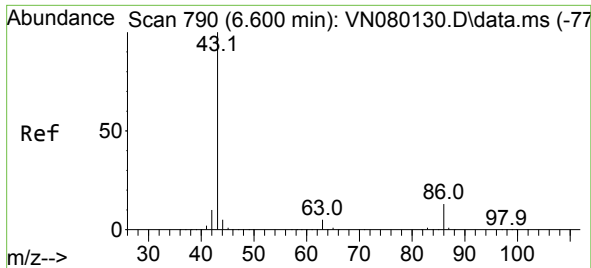
Tgt Ion: 96 Resp: 46278
Ion Ratio Lower Upper
96 100
61 140.8 90.1 135.1#
98 60.7 46.4 69.6



#22
Diisopropyl ether
Concen: 19.701 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 45 Resp: 119792
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 34.4 31.8 47.8
59 13.4 11.6 17.4

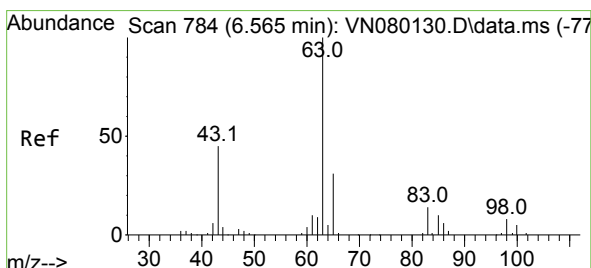
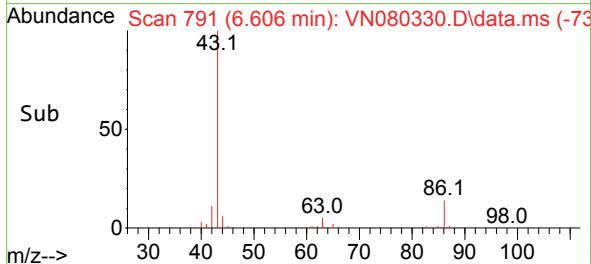
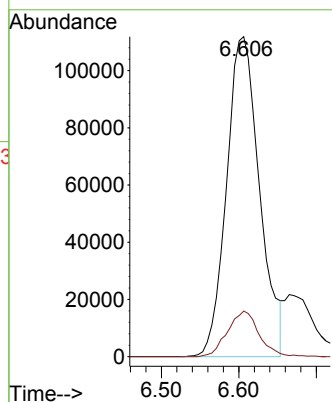
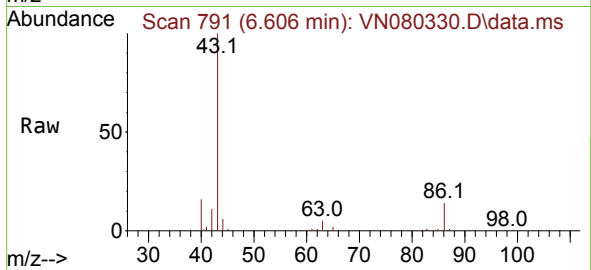




#23
 Vinyl Acetate
 Concen: 90.671 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

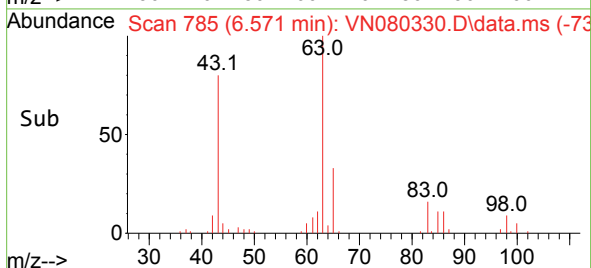
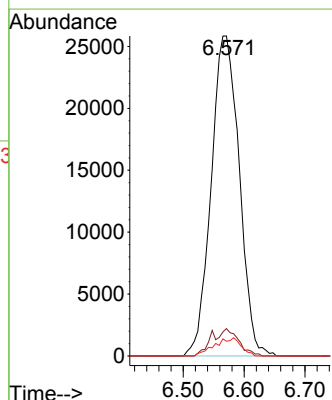
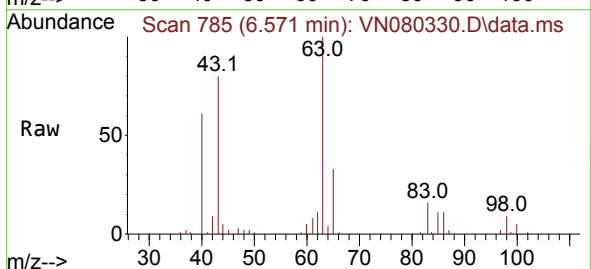
Instrument :
 MSVOA_N
 ClientSampleId :

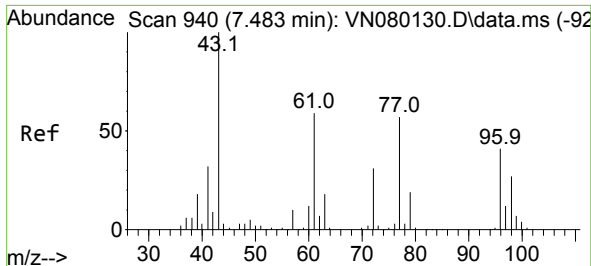
Tgt Ion: 43 Resp: 331450
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.723 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion: 63 Resp: 82920
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.6 2.5 7.4

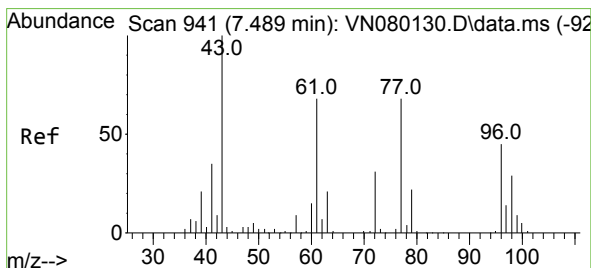
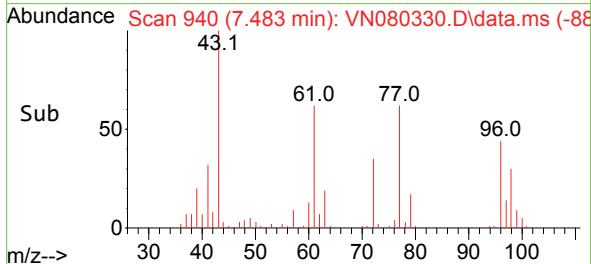
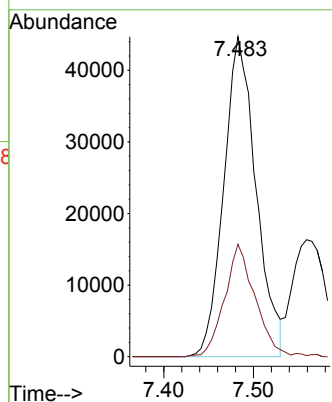
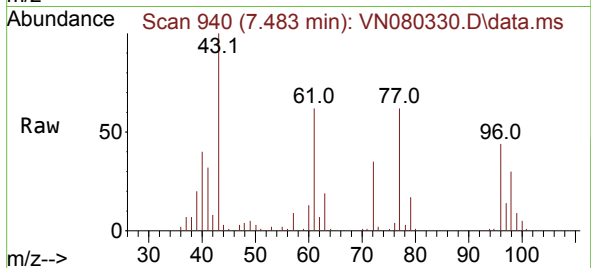




#25
2-Butanone
Concen: 82.055 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

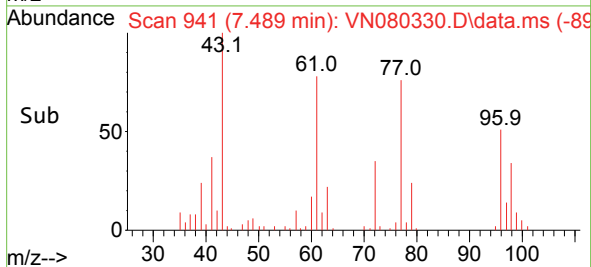
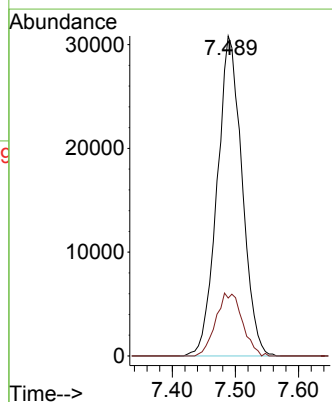
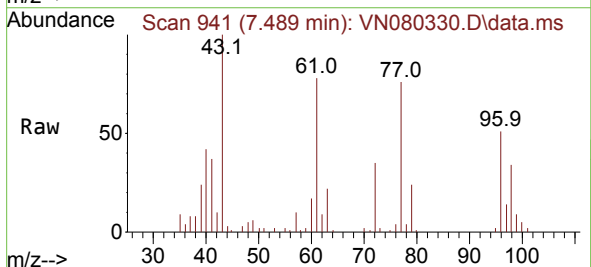
Instrument :
MSVOA_N
ClientSampleId :

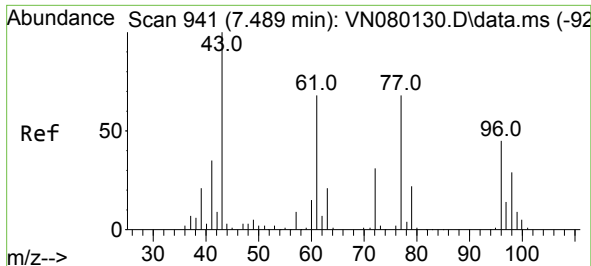
Tgt Ion: 43 Resp: 111744
Ion Ratio Lower Upper
43 100
72 35.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.218 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 77 Resp: 84440
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6

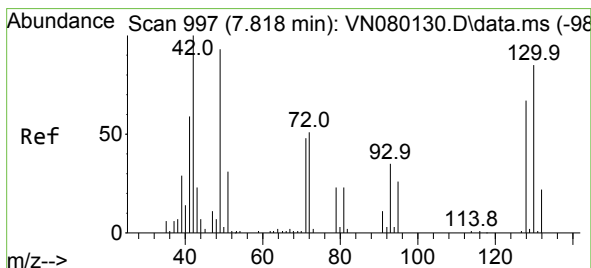
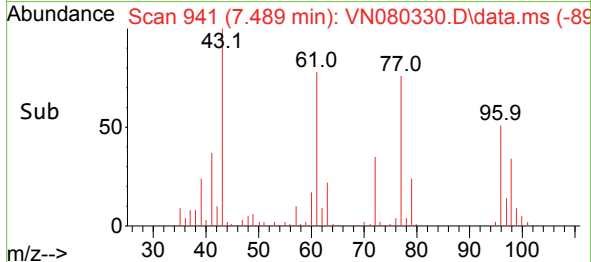
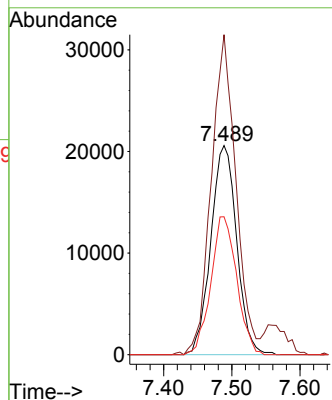
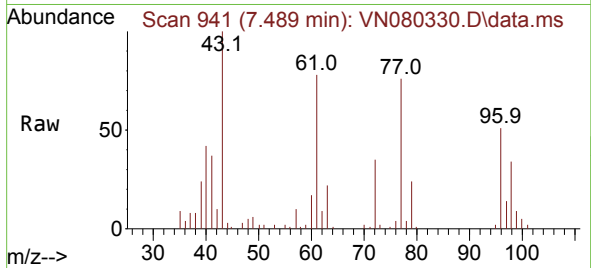




#27
 cis-1,2-Dichloroethene
 Concen: 20.008 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

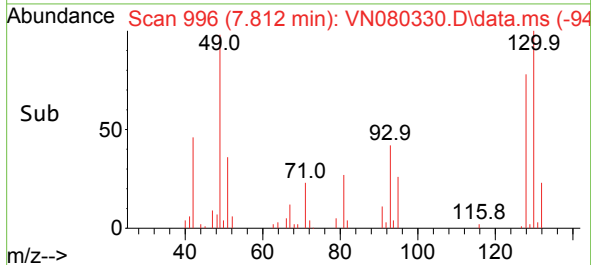
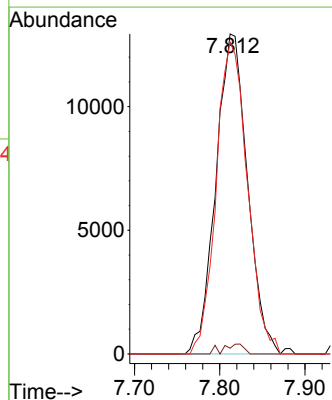
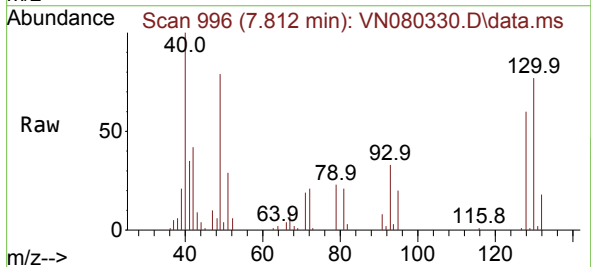
Instrument :
 MSVOA_N
 ClientSampleId :

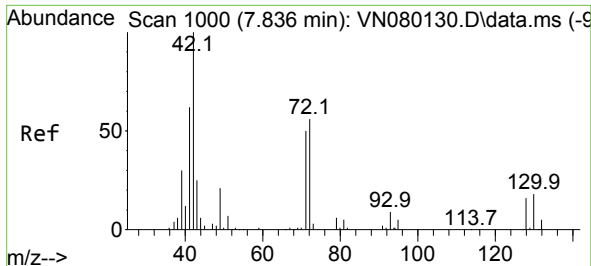
Tgt Ion: 96 Resp: 54436
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 255.2
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.144 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion: 49 Resp: 33331
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 96.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 91.056 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

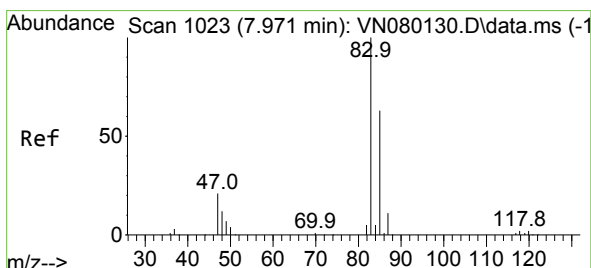
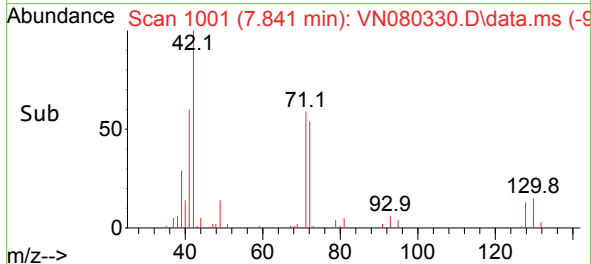
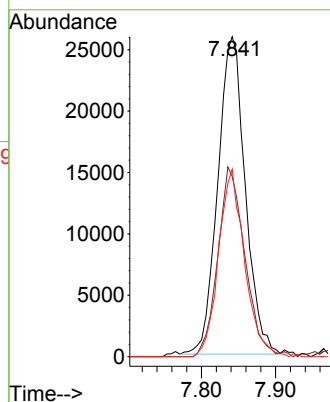
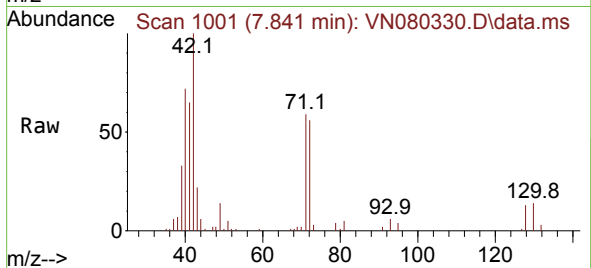
Tgt Ion: 42 Resp: 66573

Ion Ratio Lower Upper

42 100

72 58.9 49.8 74.6

71 55.8 47.4 71.2



#30

Chloroform

Concen: 20.506 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080330.D

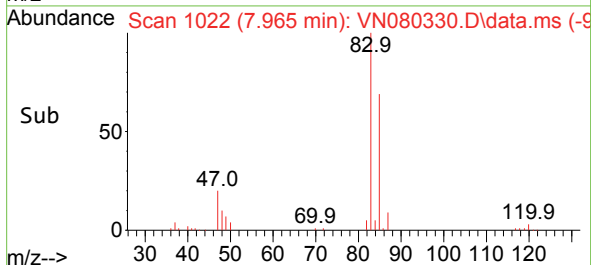
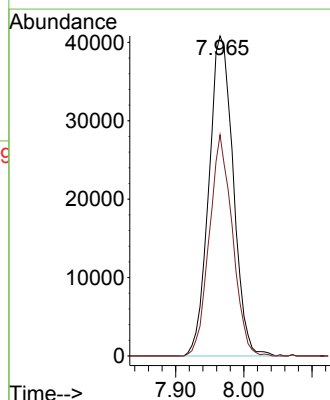
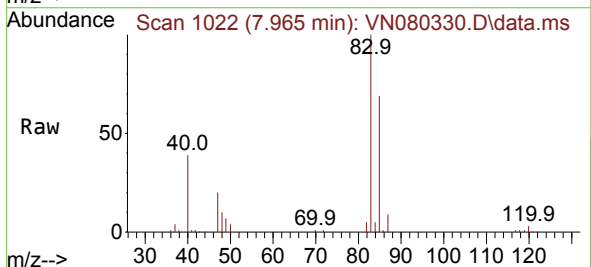
Acq: 04 Dec 2023 12:00

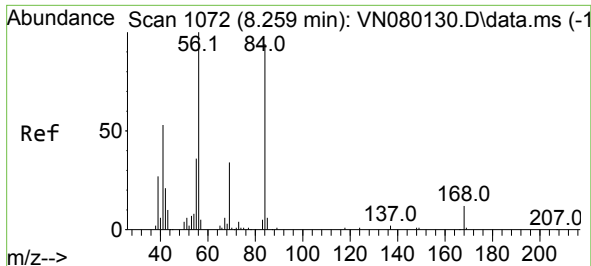
Tgt Ion: 83 Resp: 101505

Ion Ratio Lower Upper

83 100

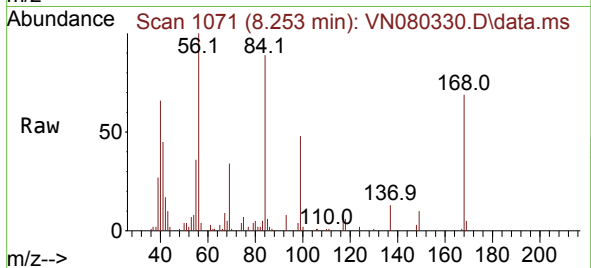
85 69.1 55.4 83.0



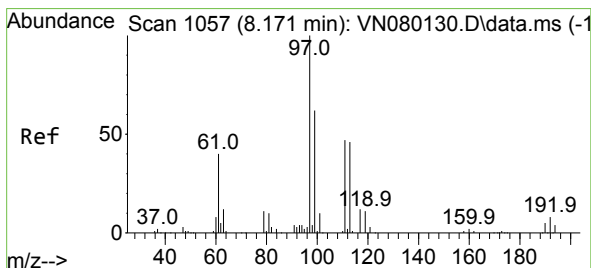
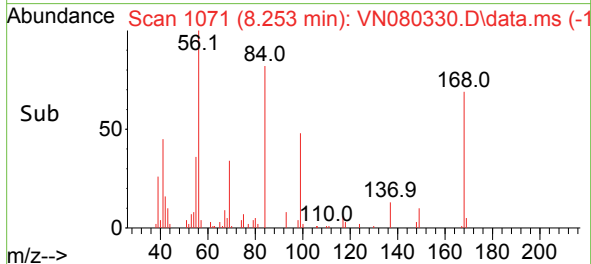
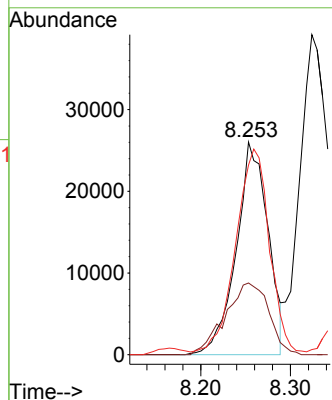


#31
Cyclohexane
Concen: 17.253 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :

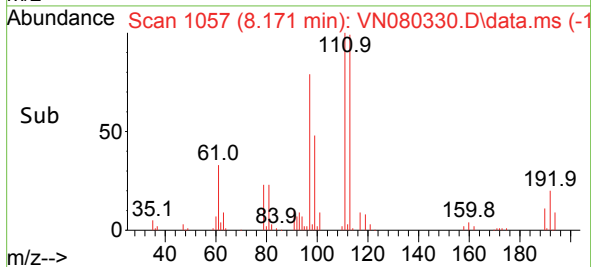
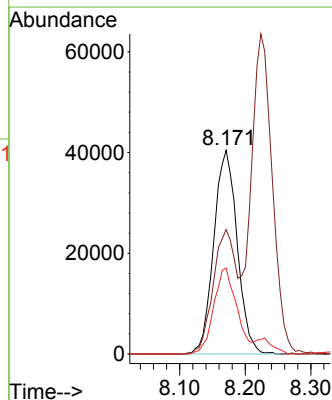
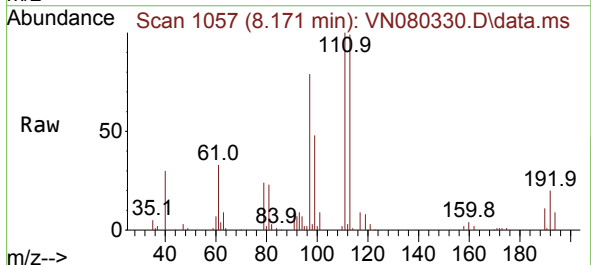


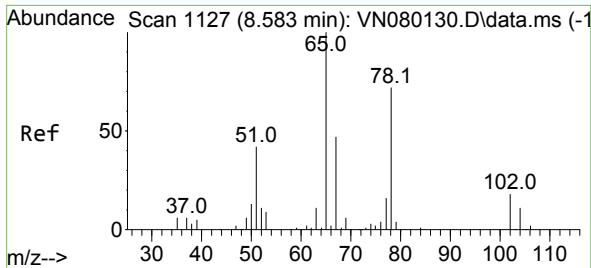
Tgt Ion: 56 Resp: 64031
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 86.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.769 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 97 Resp: 100257
Ion Ratio Lower Upper
97 100
99 57.9 50.3 75.5
61 41.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.395 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

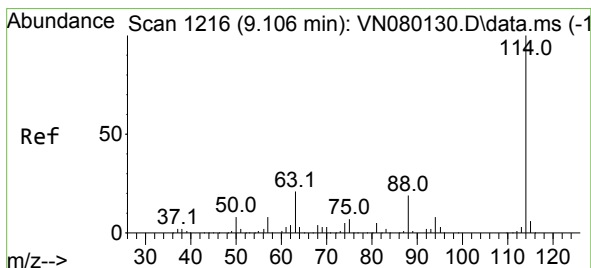
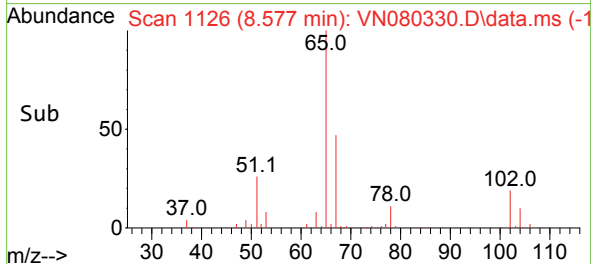
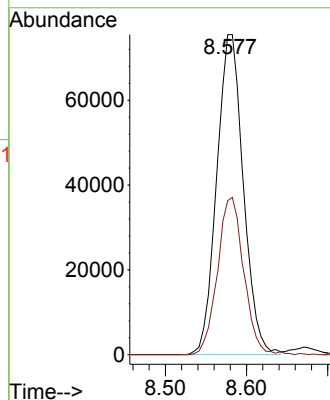
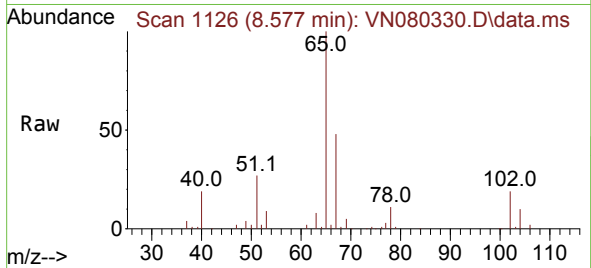
ClientSampleId :

Tgt Ion: 65 Resp: 171977

Ion Ratio Lower Upper

65 100

67 48.5 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: VN080330.D

Acq: 04 Dec 2023 12:00

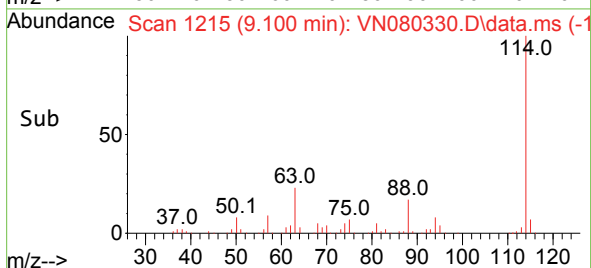
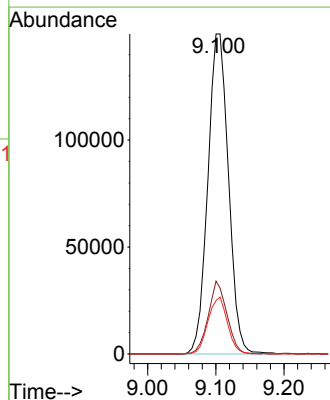
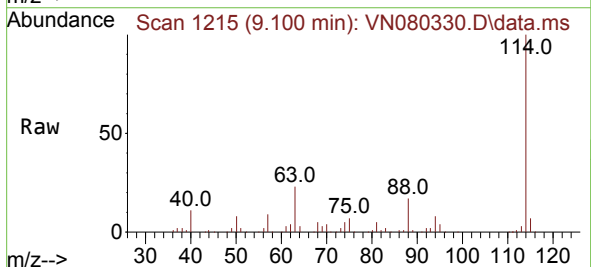
Tgt Ion:114 Resp: 315531

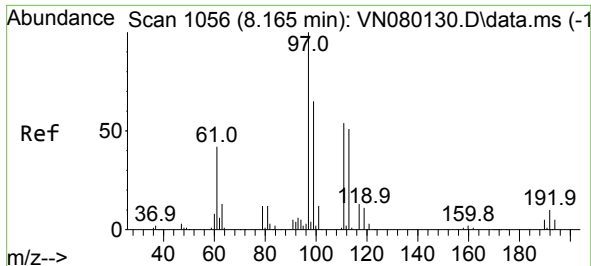
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.4

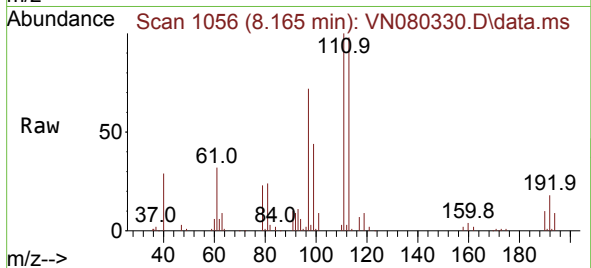
88 16.7 0.0 30.6



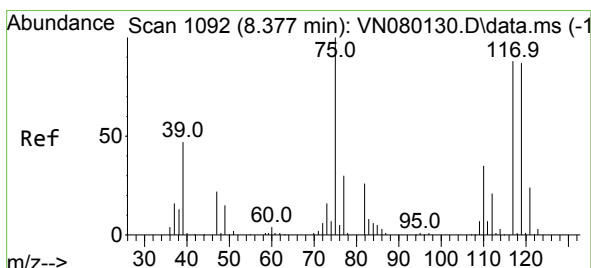
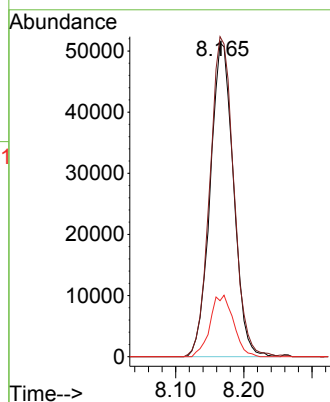
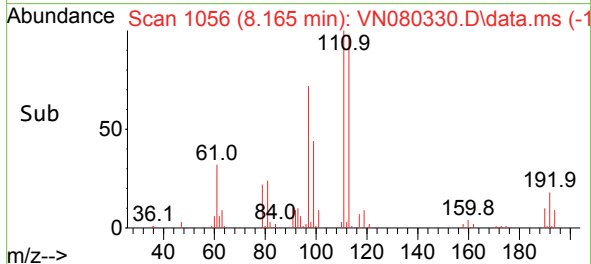


#35
Dibromofluoromethane
Concen: 52.409 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

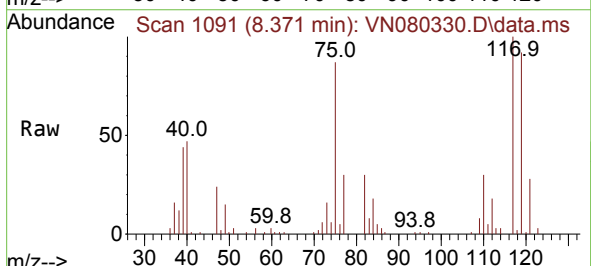
Instrument :
MSVOA_N
ClientSampleId :



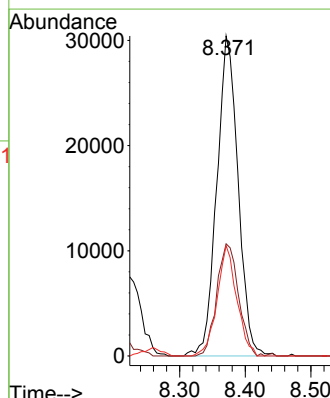
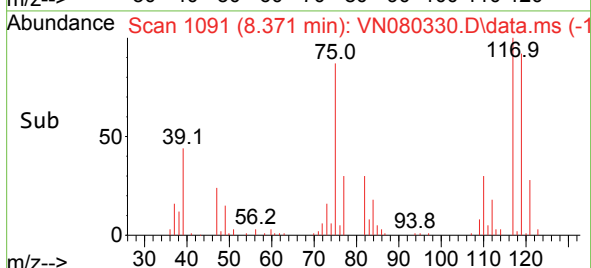
Tgt Ion:113 Resp: 122019
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 19.7 12.7 19.1#

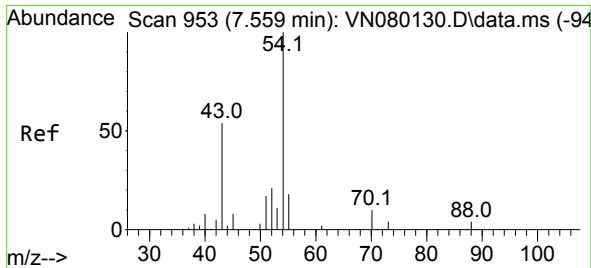


#36
1,1-Dichloropropene
Concen: 20.292 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00



Tgt Ion: 75 Resp: 68399
Ion Ratio Lower Upper
75 100
110 35.8 19.1 57.3
77 31.9 25.0 37.4

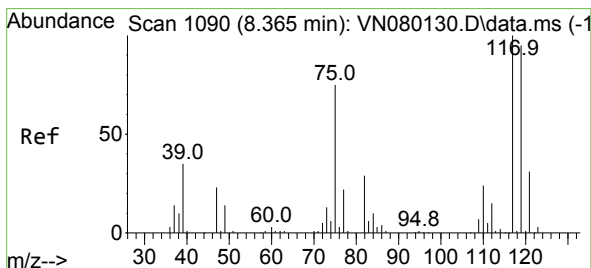
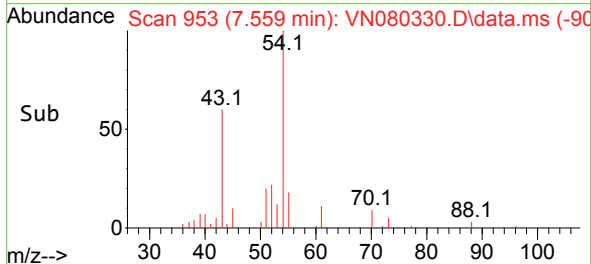
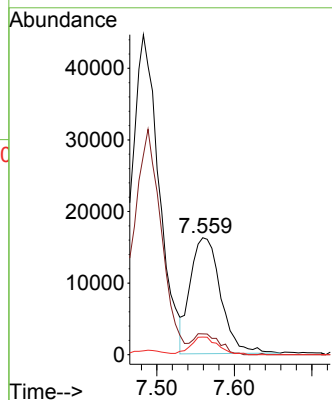
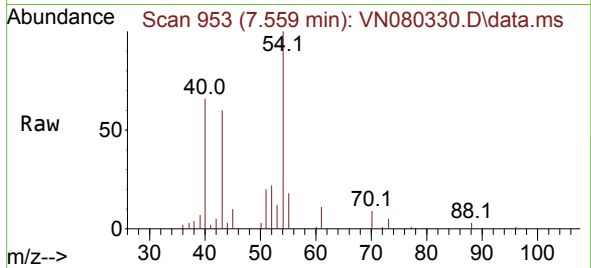




#37
Ethyl Acetate
Concen: 18.836 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

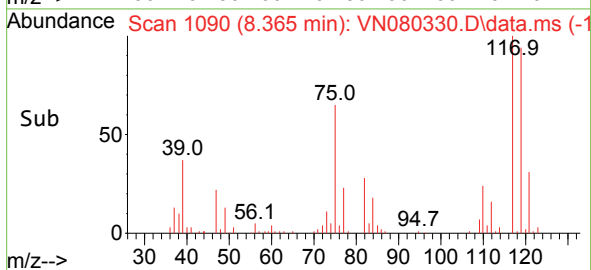
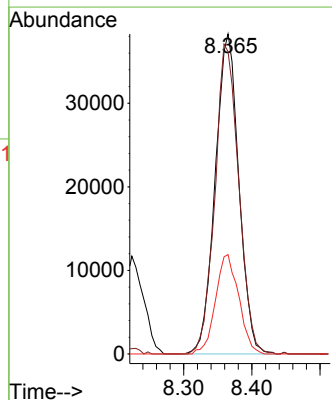
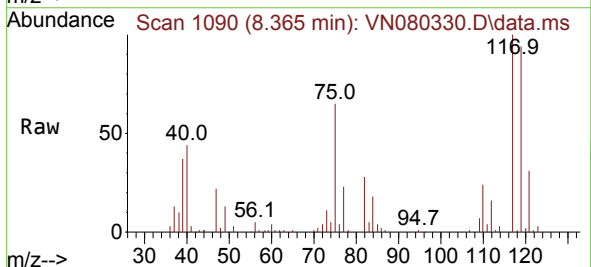
Instrument :
MSVOA_N
ClientSampleId :

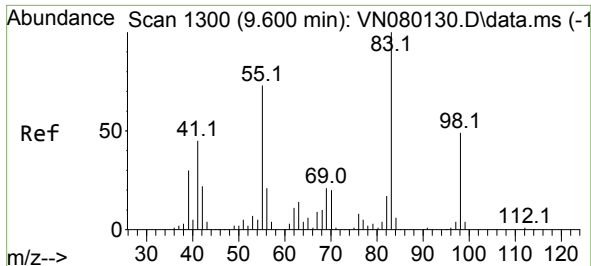
Tgt Ion: 43 Resp: 44041
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 13.8 11.3 16.9



#38
Carbon Tetrachloride
Concen: 21.593 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 117 Resp: 92364
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 18.889 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

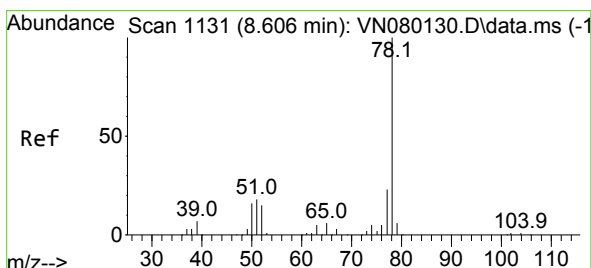
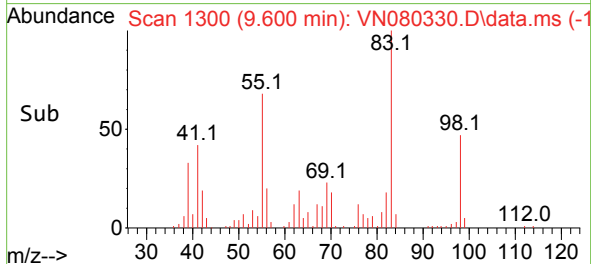
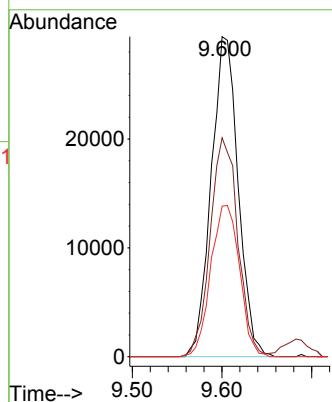
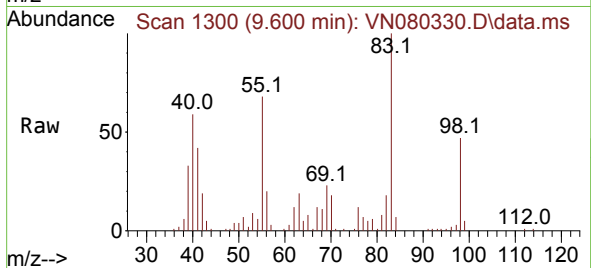
Tgt Ion: 83 Resp: 61391

Ion Ratio Lower Upper

83 100

55 68.4 49.1 73.7

98 47.1 40.6 61.0



#40

Benzene

Concen: 20.521 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080330.D

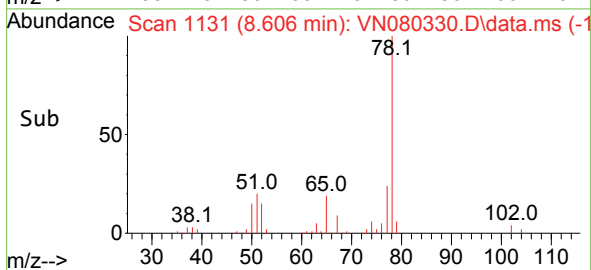
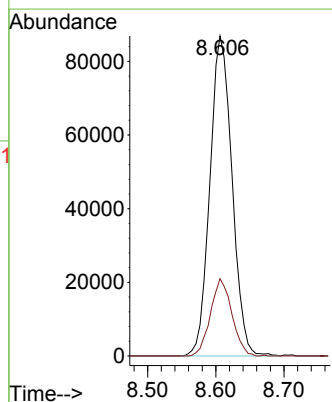
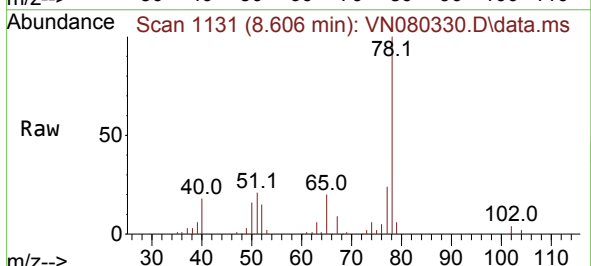
Acq: 04 Dec 2023 12:00

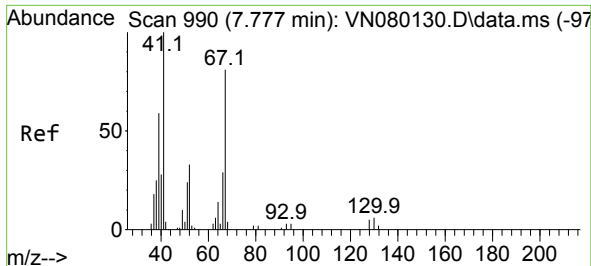
Tgt Ion: 78 Resp: 196598

Ion Ratio Lower Upper

78 100

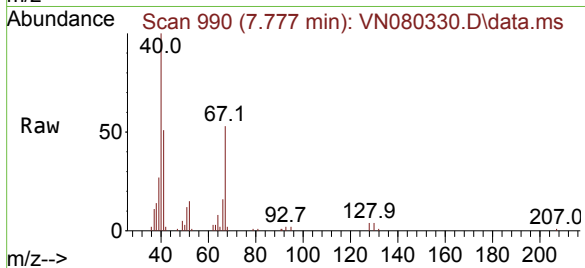
77 24.2 19.0 28.6



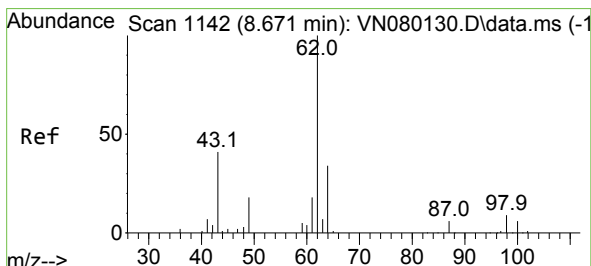
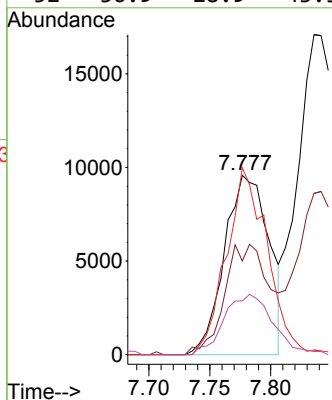
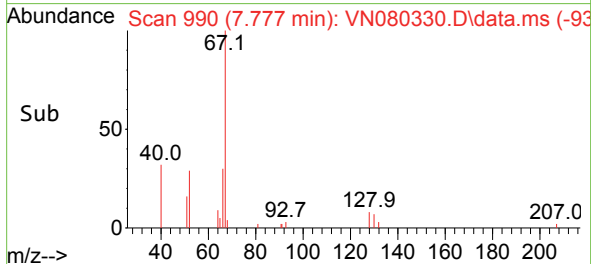


#41
Methacrylonitrile
Concen: 19.023 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :

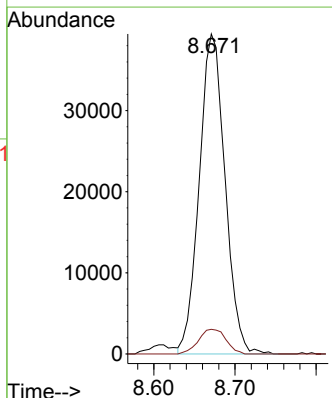
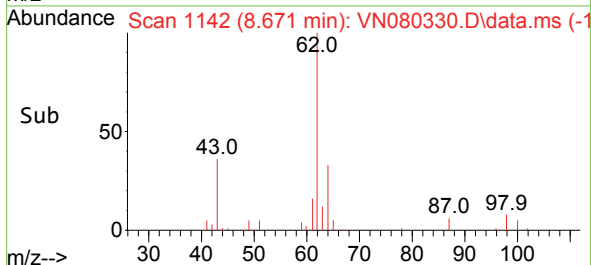
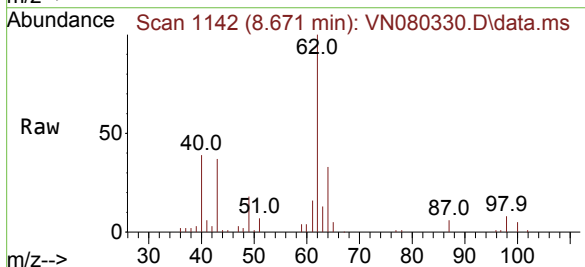


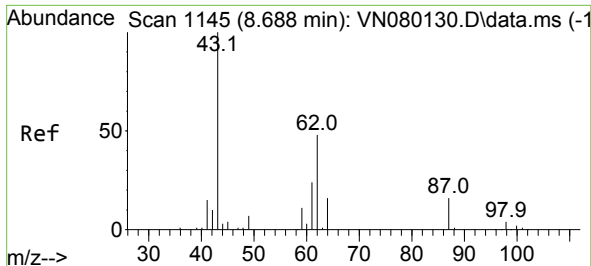
Tgt Ion:	41	Resp:	24426
Ion Ratio	Lower	Upper	
41	100		
39	61.0	42.6	64.0
67	95.7	77.5	116.3
52	36.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.214 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion:	62	Resp:	87068
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	19.8

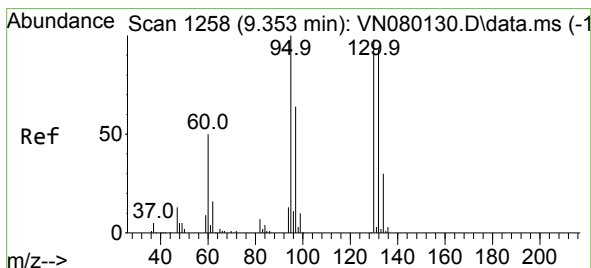
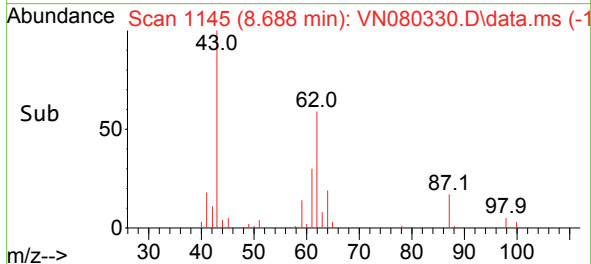
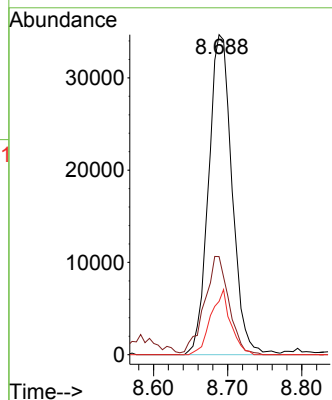
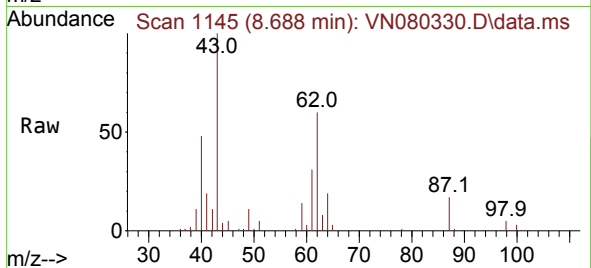




#43
Isopropyl Acetate
Concen: 16.769 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

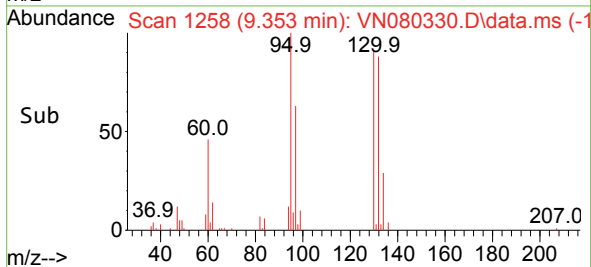
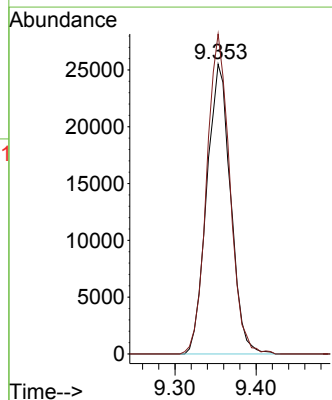
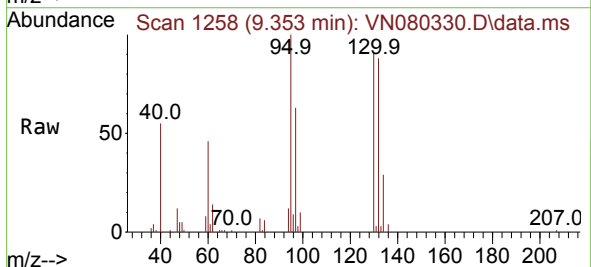
Instrument :
MSVOA_N
ClientSampleId :

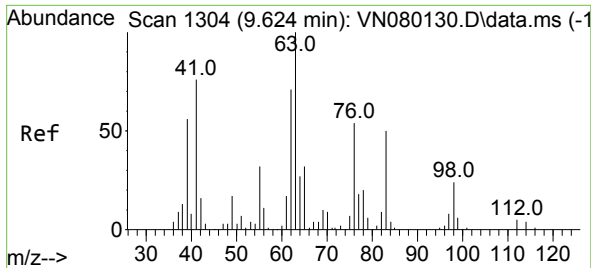
Tgt Ion: 43 Resp: 76295
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 17.2 14.6 21.8



#44
Trichloroethene
Concen: 20.705 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion:130 Resp: 52032
Ion Ratio Lower Upper
130 100
95 110.4 0.0 204.6

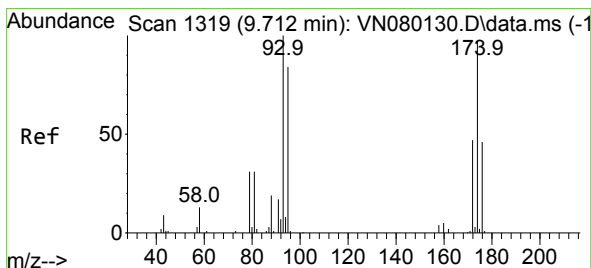
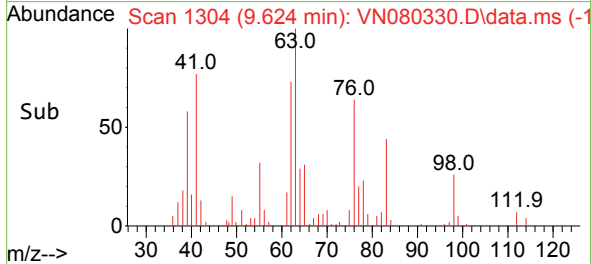
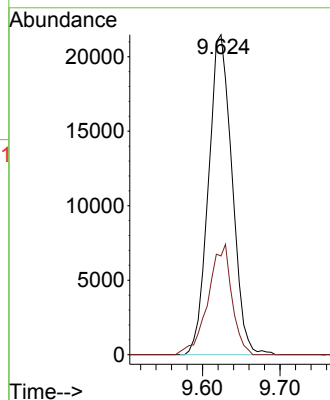
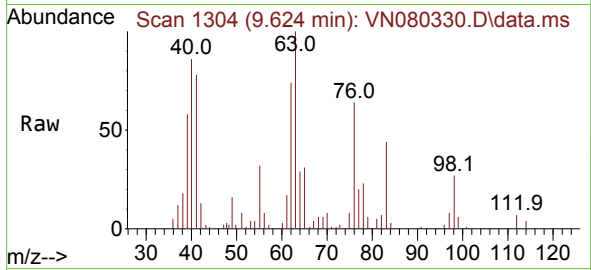




#45
1,2-Dichloropropane
Concen: 20.371 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

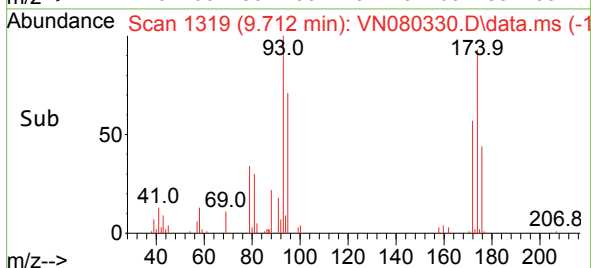
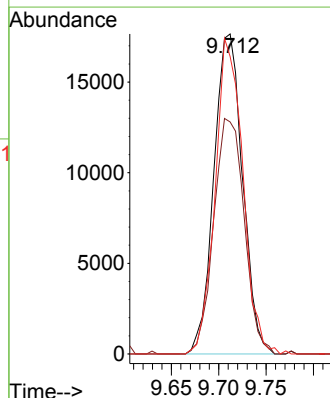
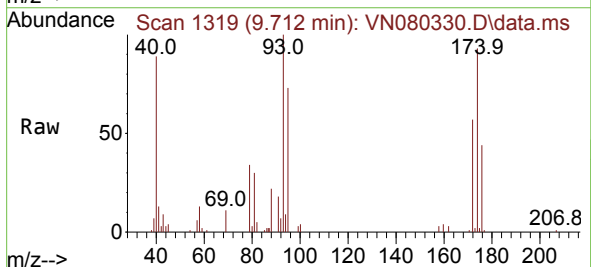
Instrument :
MSVOA_N
ClientSampleId :

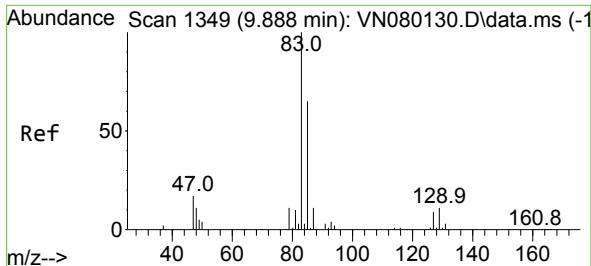
Tgt Ion: 63 Resp: 45354
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9



#46
Dibromomethane
Concen: 22.082 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 93 Resp: 37214
Ion Ratio Lower Upper
93 100
95 78.2 63.8 95.8
174 94.9 65.6 98.4

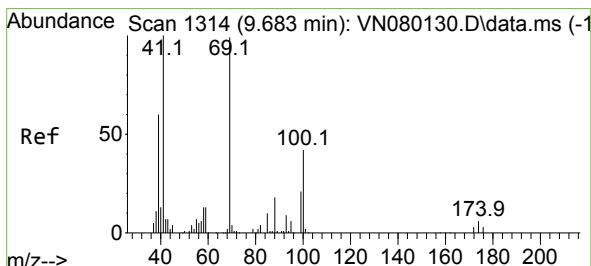
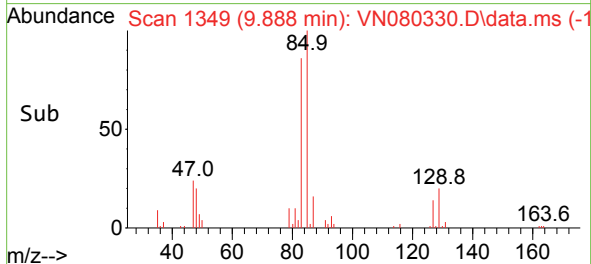
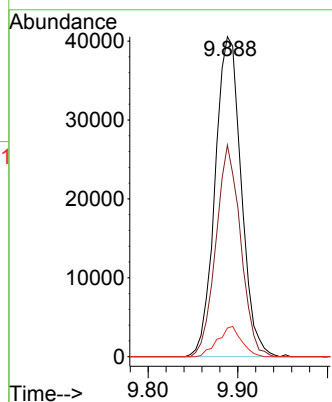
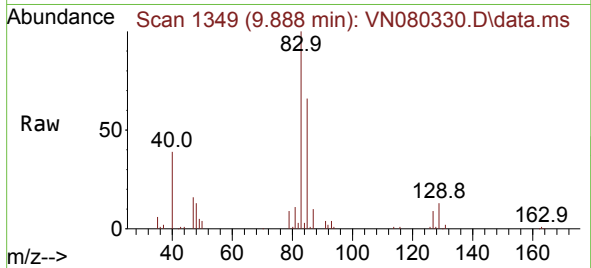




#47
Bromodichloromethane
Concen: 22.118 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

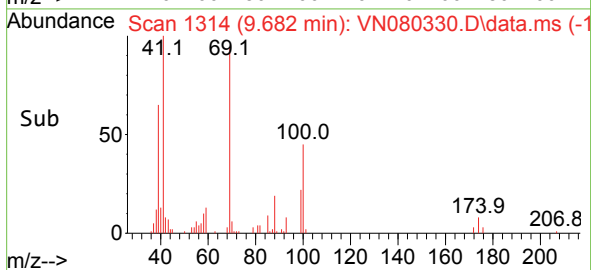
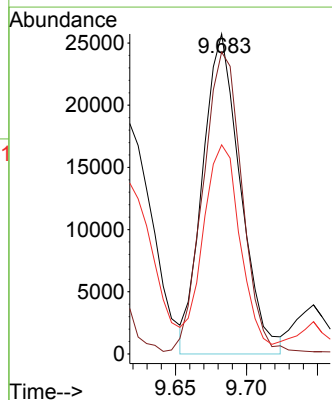
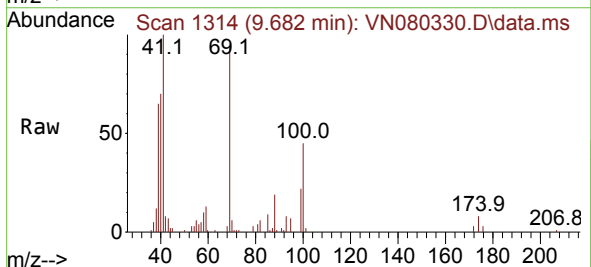
Instrument :
MSVOA_N
ClientSampleId :

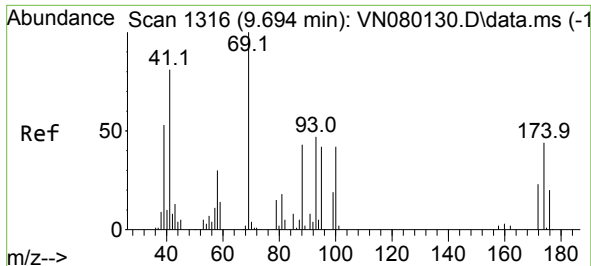
Tgt Ion: 83 Resp: 81993
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 20.264 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 41 Resp: 47513
Ion Ratio Lower Upper
41 100
69 98.6 90.4 135.6
39 65.4 54.6 81.8





#49

1,4-Dioxane

Concen: 410.334 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

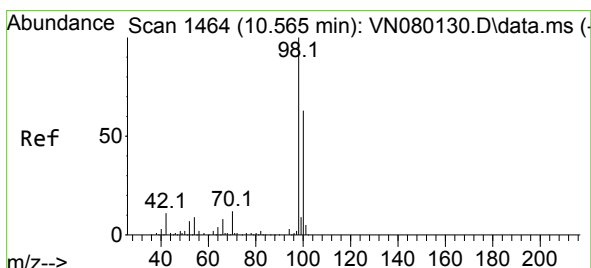
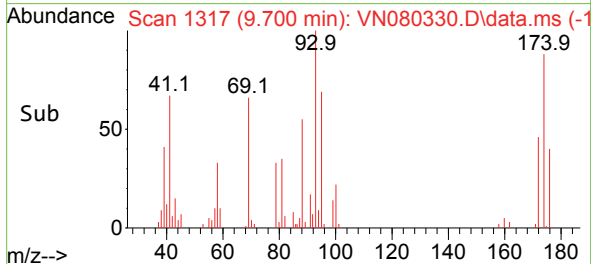
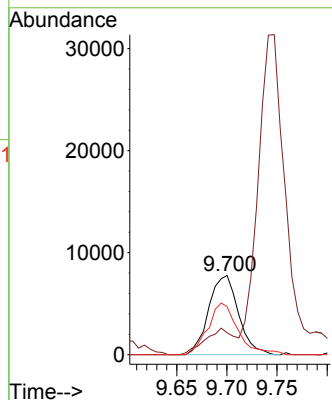
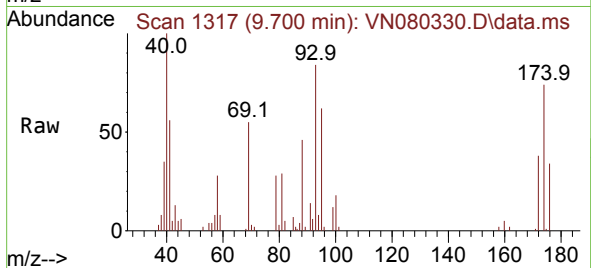
Tgt Ion: 88 Resp: 16006

Ion Ratio Lower Upper

88 100

43 33.1 17.0 25.6#

58 65.7 47.0 70.4



#50

Toluene-d8

Concen: 51.352 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080330.D

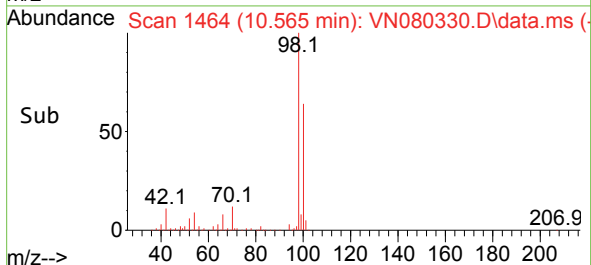
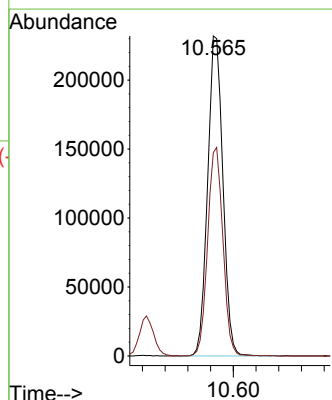
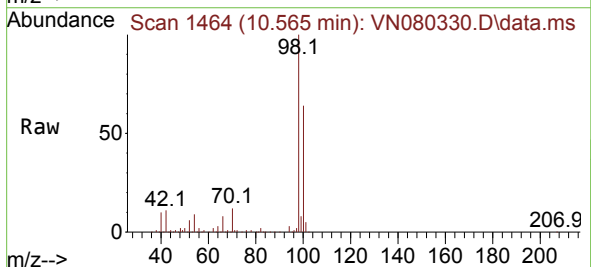
Acq: 04 Dec 2023 12:00

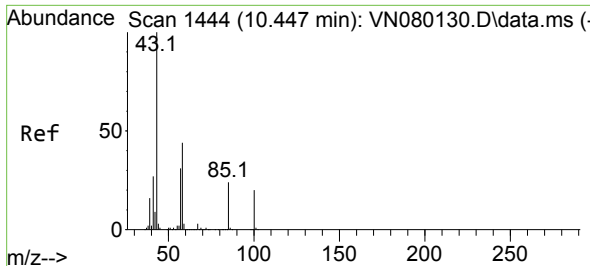
Tgt Ion: 98 Resp: 430981

Ion Ratio Lower Upper

98 100

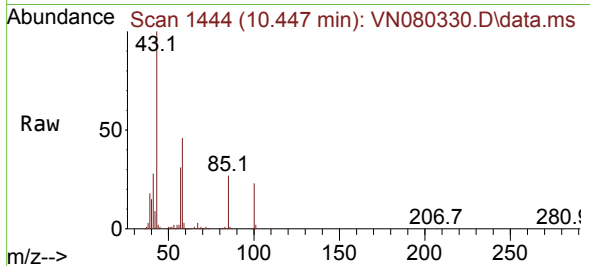
100 65.2 52.0 78.0



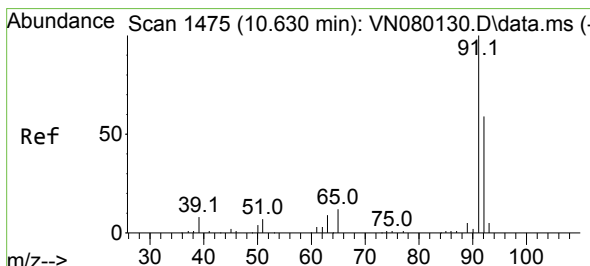
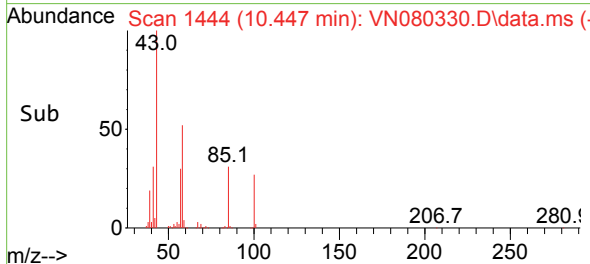
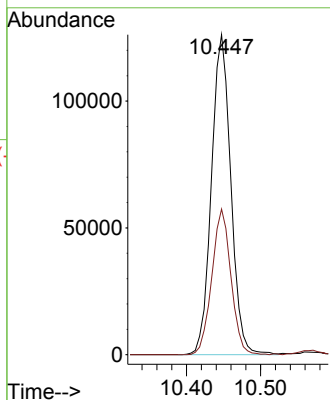


#51
4-Methyl-2-Pentanone
Concen: 97.223 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :

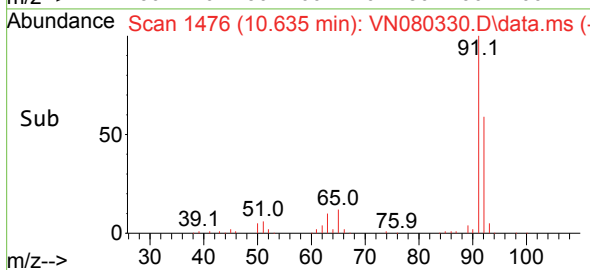
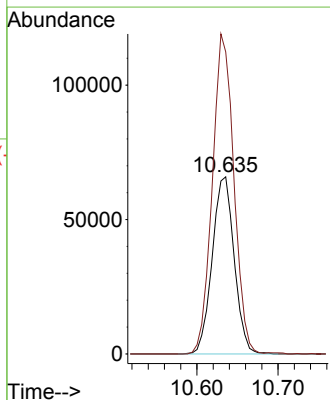
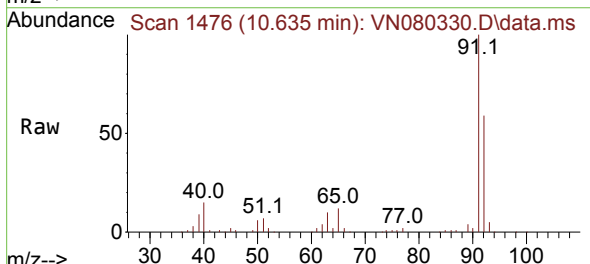


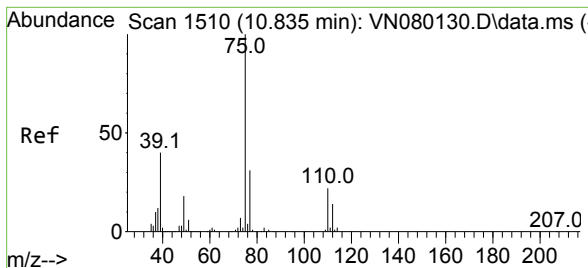
Tgt Ion: 43 Resp: 229017
Ion Ratio Lower Upper
43 100
58 44.9 36.6 54.8



#52
Toluene
Concen: 20.688 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 92 Resp: 124037
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0

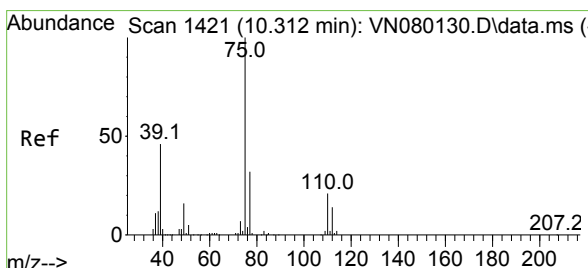
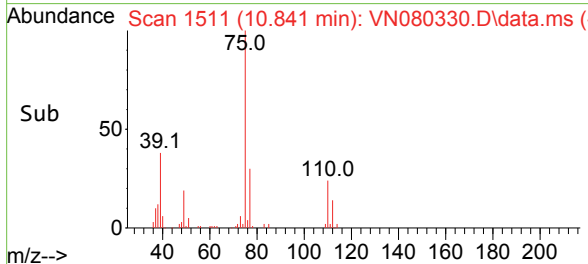
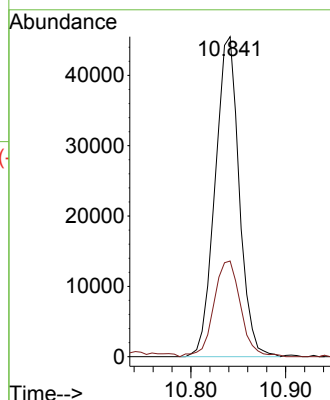
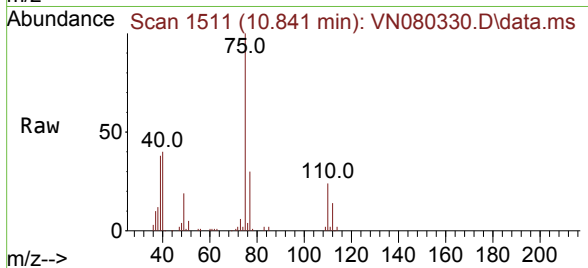




#53
 t-1,3-Dichloropropene
 Concen: 21.084 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

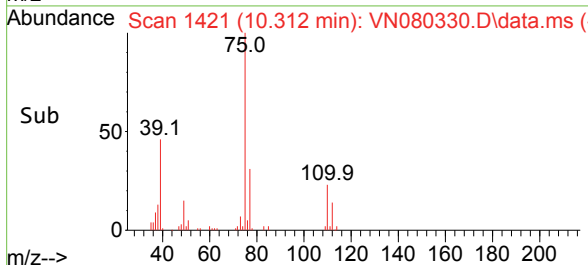
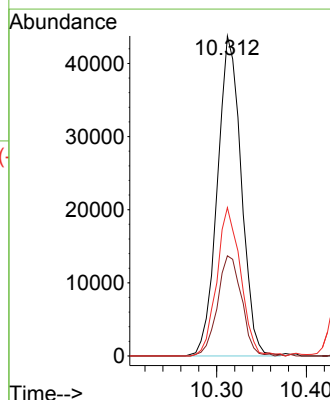
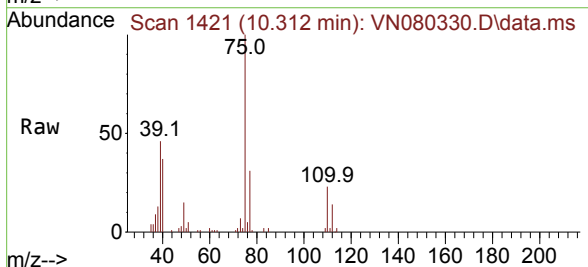
Instrument :
 MSVOA_N
 ClientSampleId :

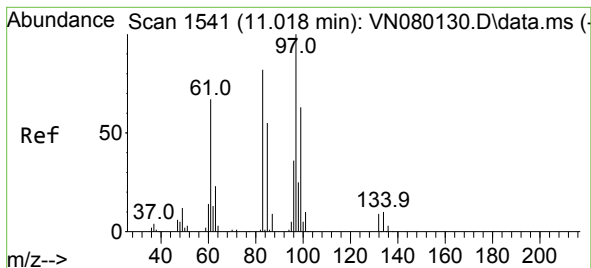
Tgt Ion: 75 Resp: 80305
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.792 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion: 75 Resp: 80906
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 46.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.629 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

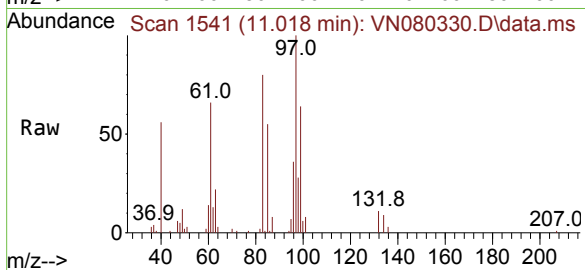
Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 49493

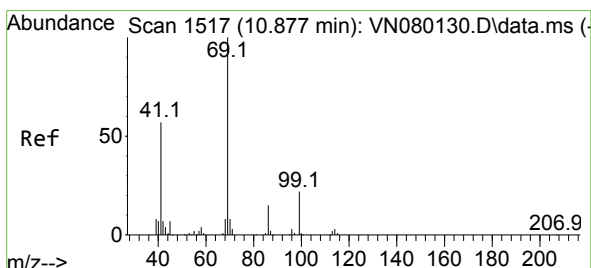
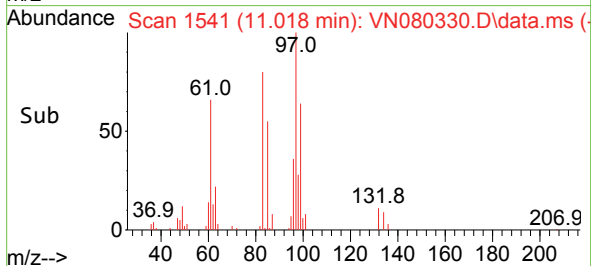
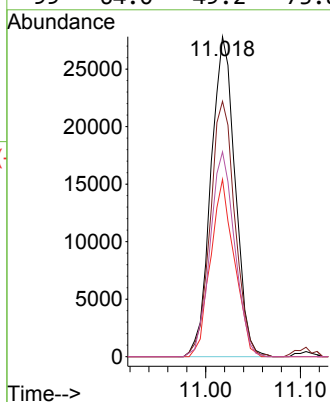
Ion Ratio Lower Upper

97 100

83 79.8 65.1 97.7

85 55.4 43.4 65.2

99 64.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.729 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

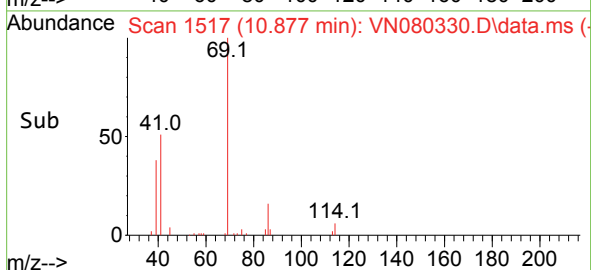
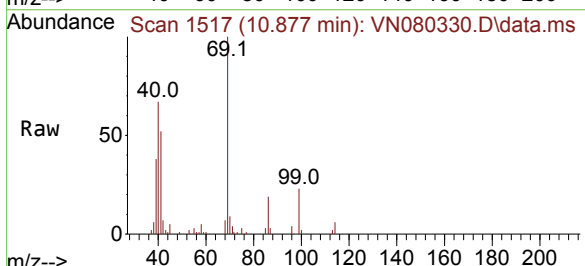
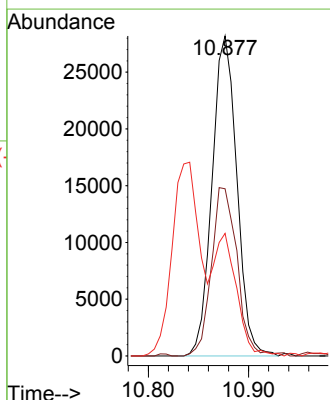
Tgt Ion: 69 Resp: 48458

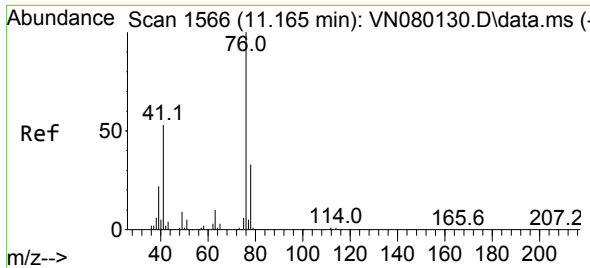
Ion Ratio Lower Upper

69 100

41 54.6 39.6 59.4

39 35.4 28.6 43.0

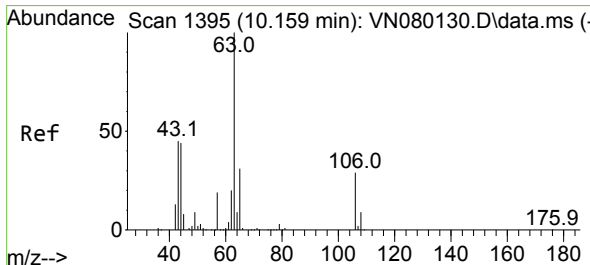
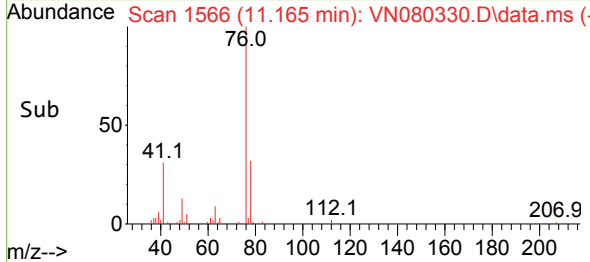
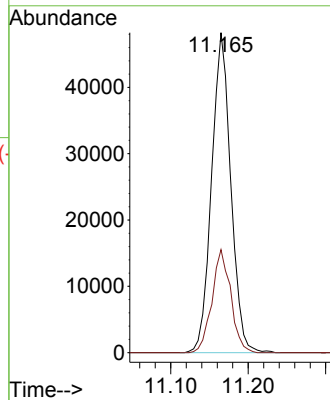
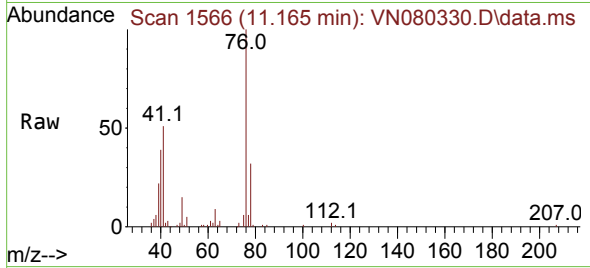




#57
1,3-Dichloropropane
Concen: 20.784 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

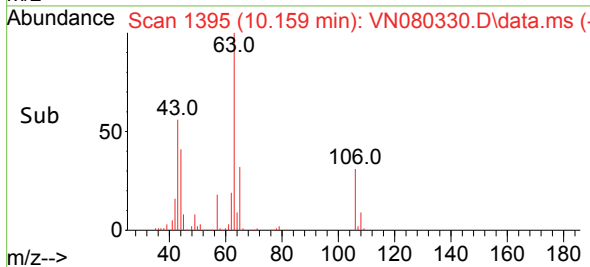
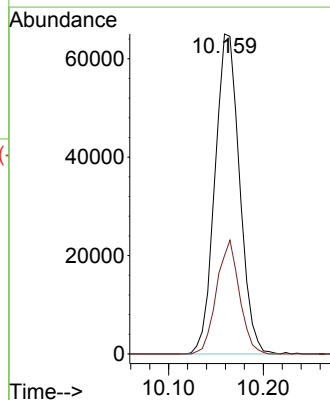
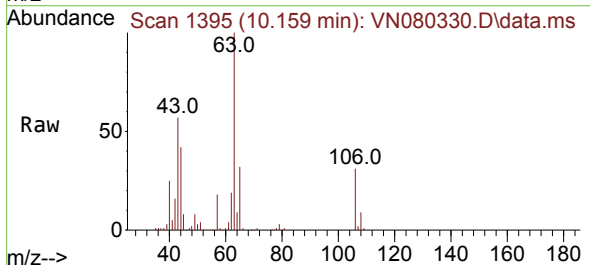
Instrument :
MSVOA_N
ClientSampleId :

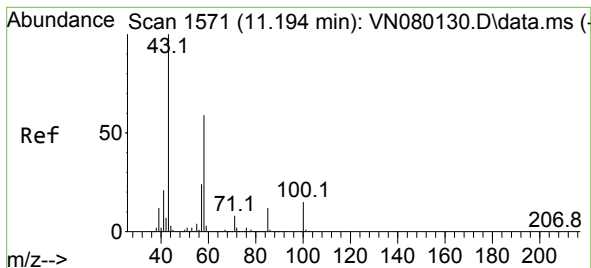
Tgt Ion: 76 Resp: 83037
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 89.459 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 63 Resp: 117816
Ion Ratio Lower Upper
63 100
106 32.8 26.2 39.4

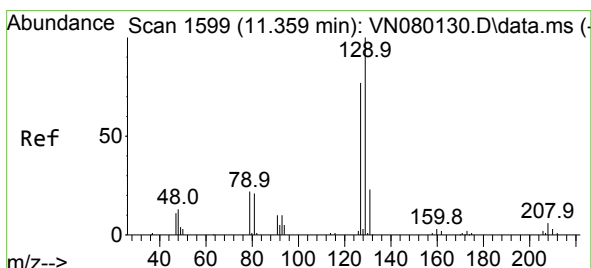
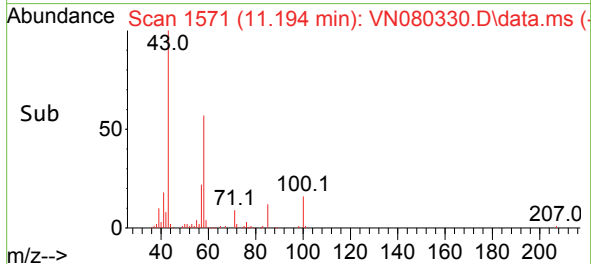
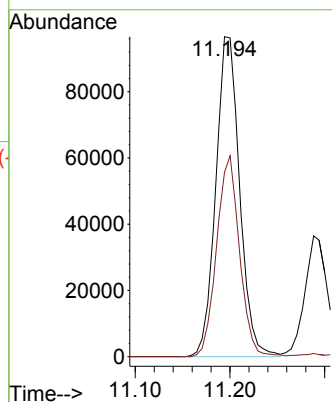
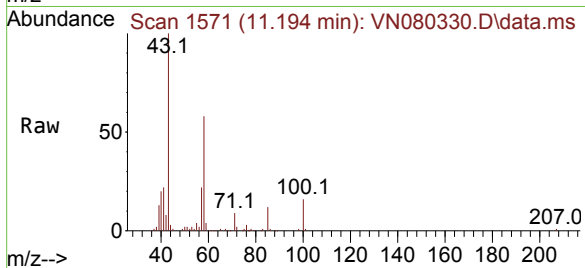




#59
2-Hexanone
Concen: 89.439 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

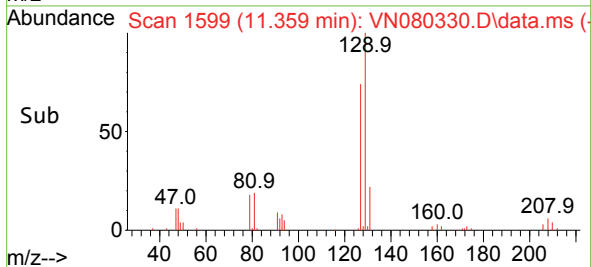
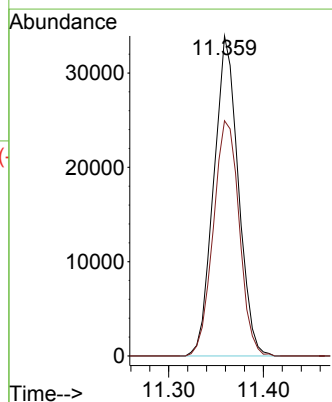
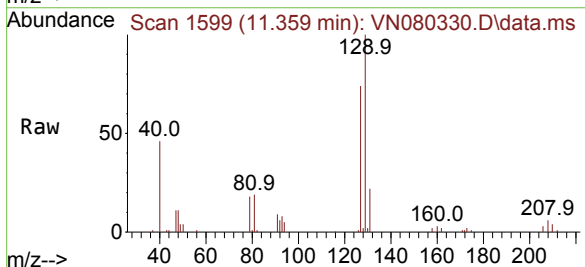
Instrument :
MSVOA_N
ClientSampleId :

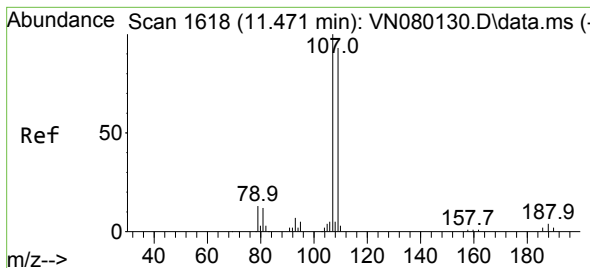
Tgt Ion: 43 Resp: 169293
Ion Ratio Lower Upper
43 100
58 60.1 31.7 95.1



#60
Dibromochloromethane
Concen: 22.287 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 129 Resp: 61056
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

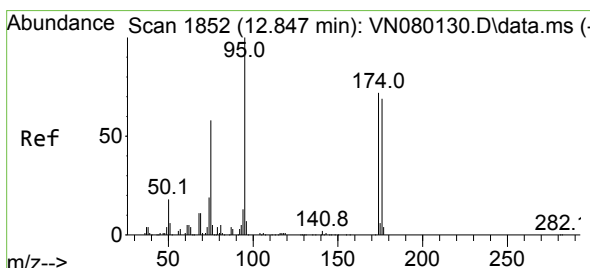
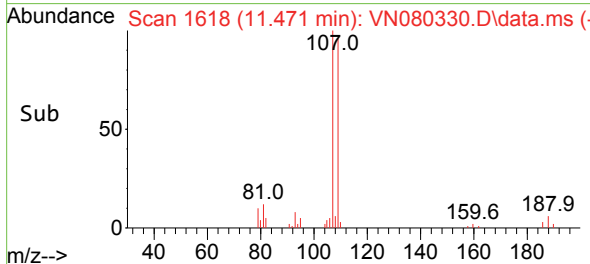
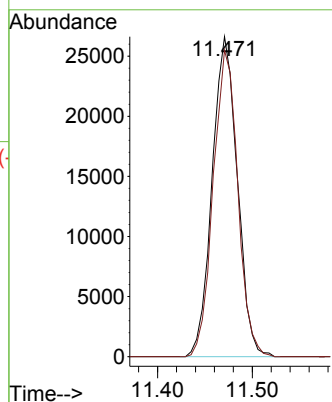
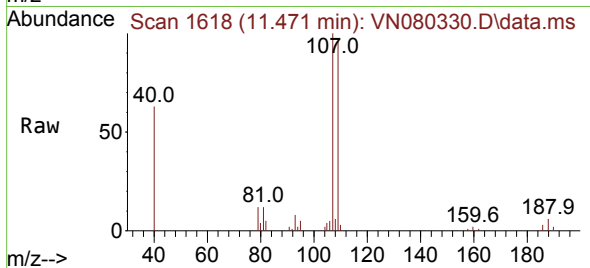




#61
1,2-Dibromoethane
Concen: 21.063 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

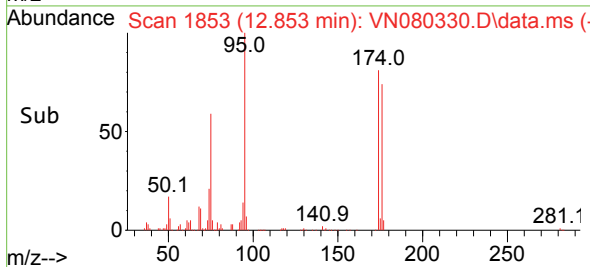
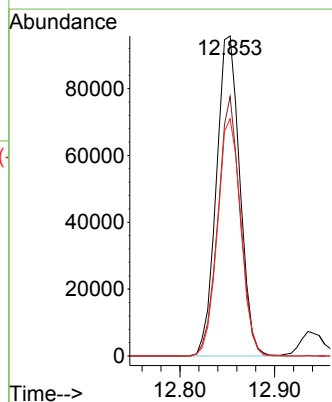
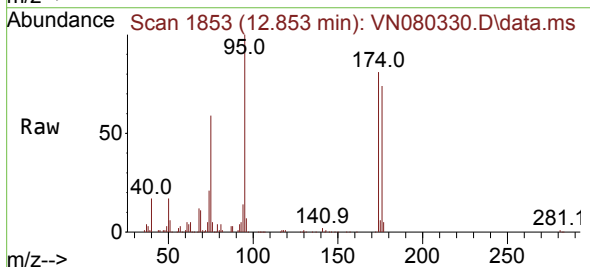
Instrument :
MSVOA_N
ClientSampleId :

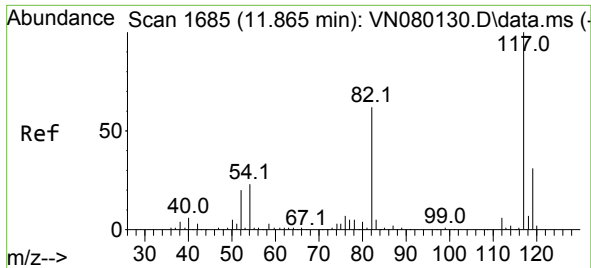
Tgt Ion:107 Resp: 49170
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.015 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

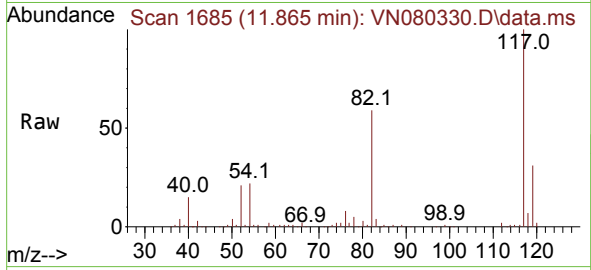
Tgt Ion: 95 Resp: 164891
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.7 0.0 135.8



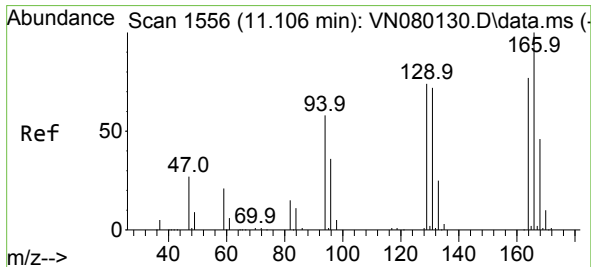
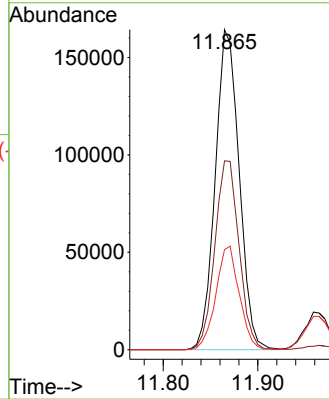
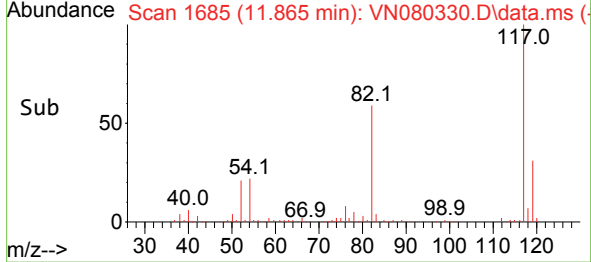


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

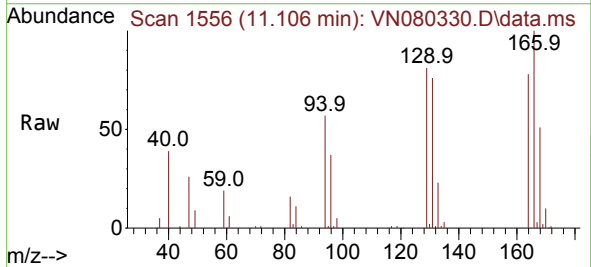
Instrument :
MSVOA_N
ClientSampleId :



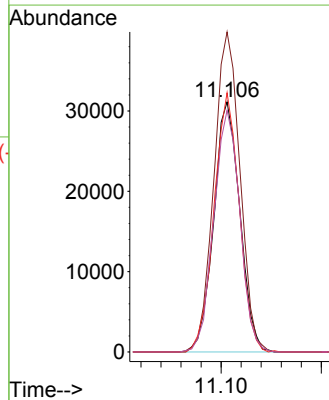
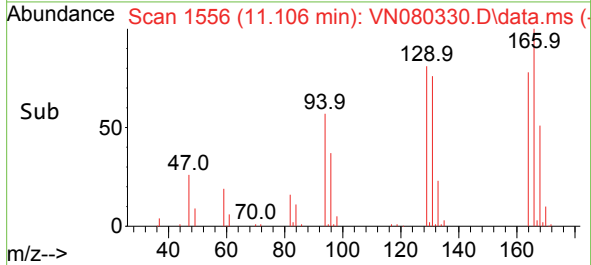
Tgt Ion:117 Resp: 288736
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 31.3 25.6 38.4

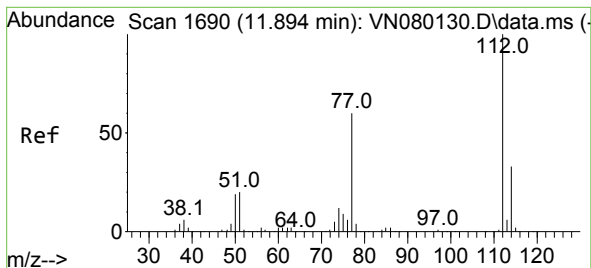


#64
Tetrachloroethene
Concen: 25.485 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00



Tgt Ion:164 Resp: 56158
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 103.6 82.4 123.6
131 96.6 78.2 117.4





#65

Chlorobenzene

Concen: 20.926 ug/l

RT: 11.894 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

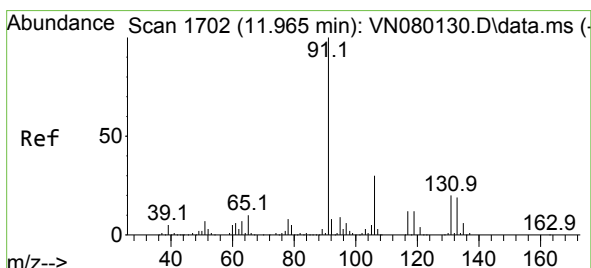
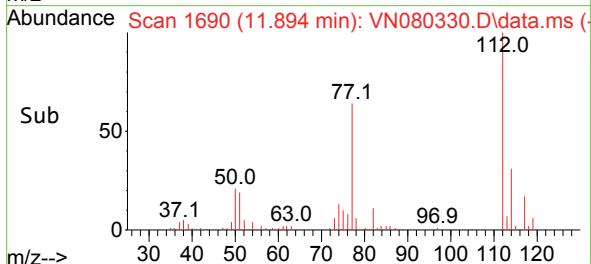
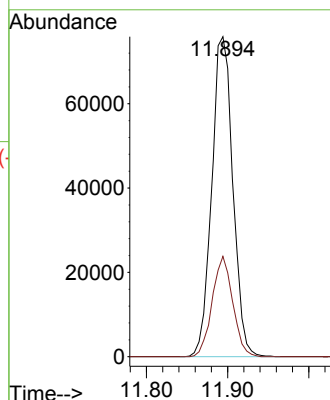
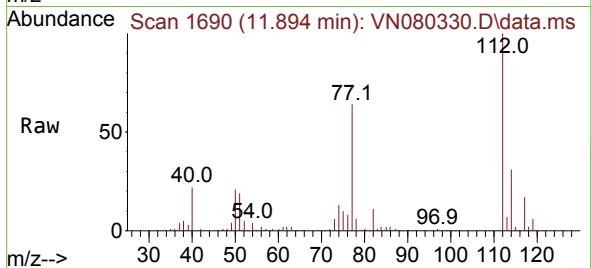
ClientSampleId :

Tgt Ion:112 Resp: 136907

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.715 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

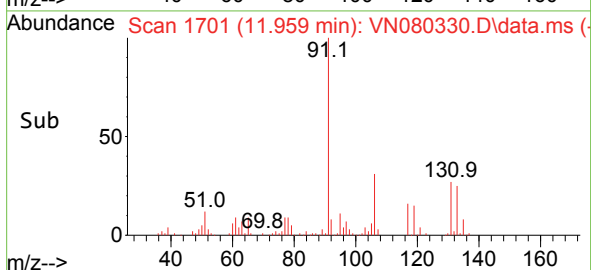
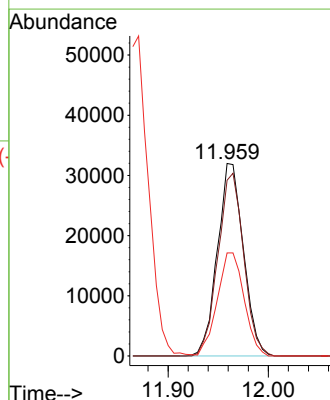
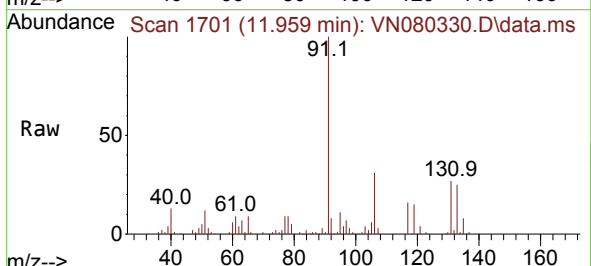
Tgt Ion:131 Resp: 57672

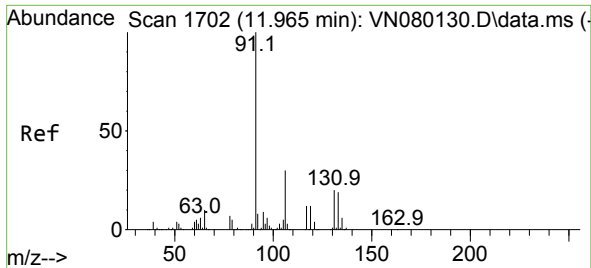
Ion Ratio Lower Upper

131 100

133 93.7 46.4 139.1

119 55.3 34.1 102.2

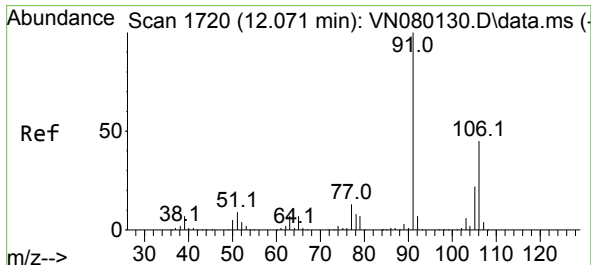
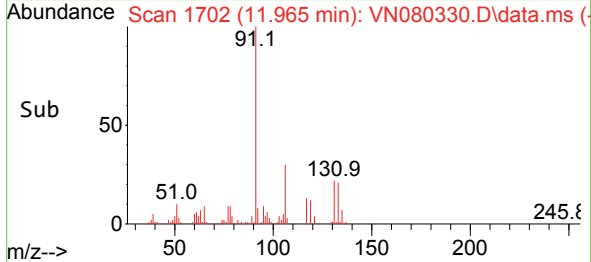
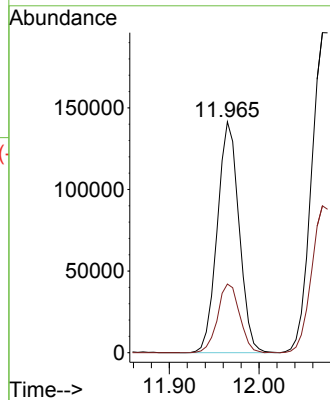
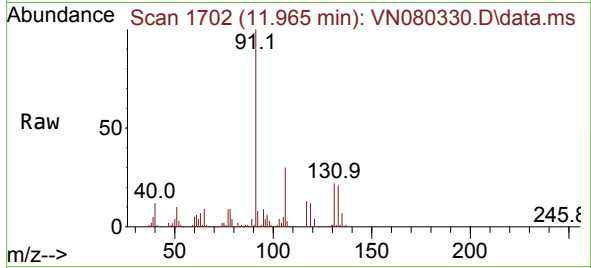




#67
Ethyl Benzene
Concen: 20.484 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

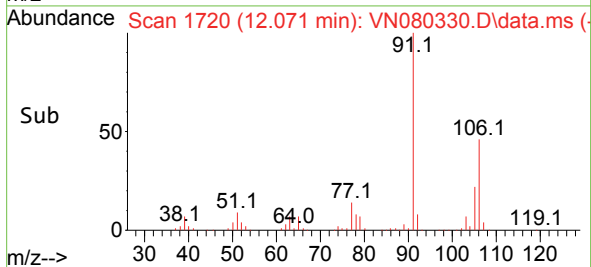
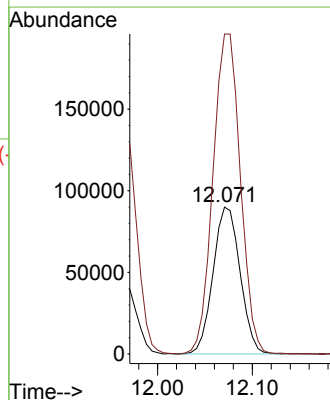
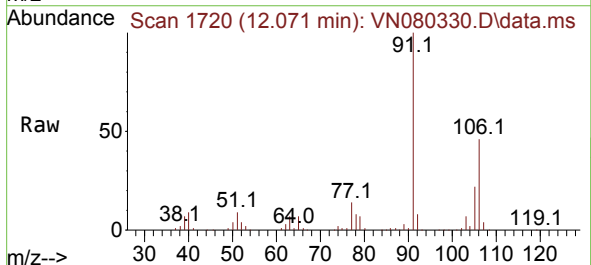
Instrument :
MSVOA_N
ClientSampleId :

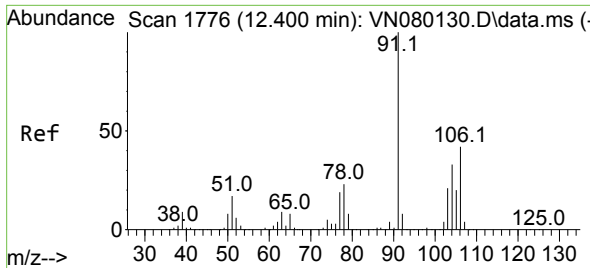
Tgt Ion: 91 Resp: 238474
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 41.988 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion:106 Resp: 178229
Ion Ratio Lower Upper
106 100
91 221.1 159.6 239.4

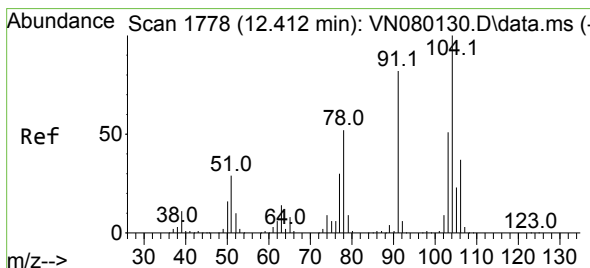
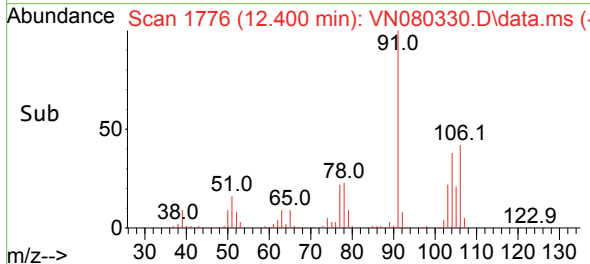
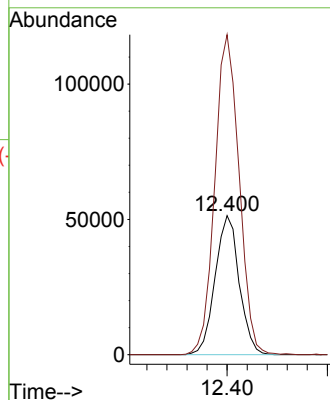
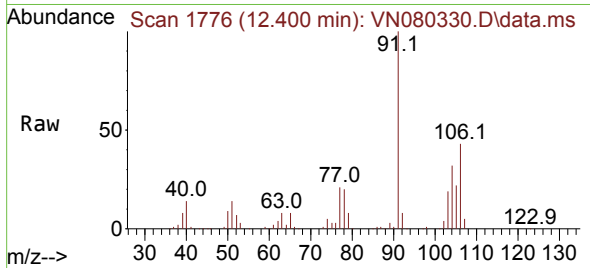




#69
o-Xylene
Concen: 21.427 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

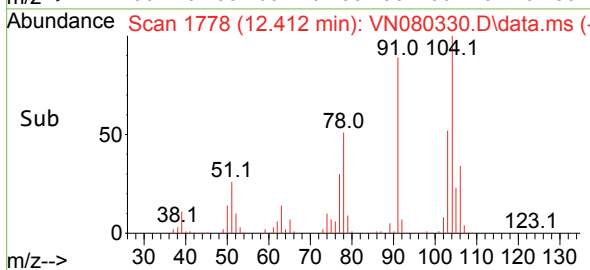
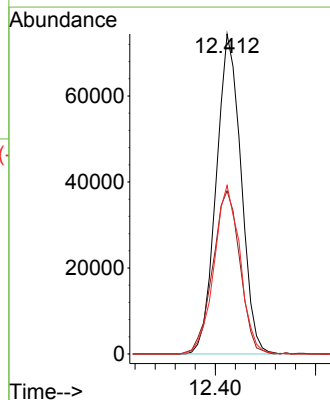
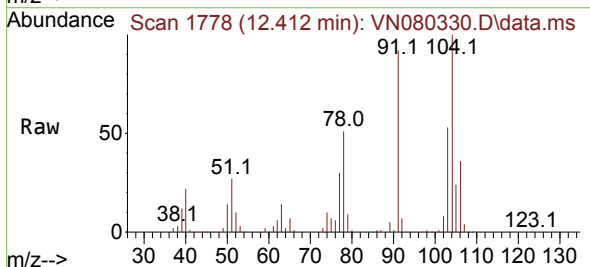
Instrument :
MSVOA_N
ClientSampleId :

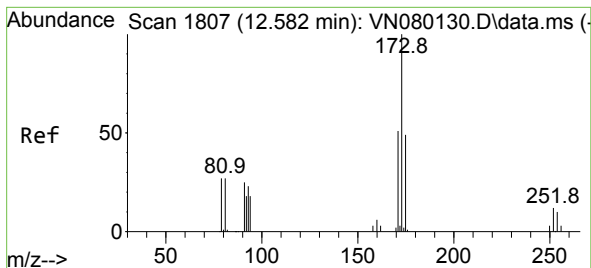
Tgt Ion:106 Resp: 85718
Ion Ratio Lower Upper
106 100
91 232.2 105.2 315.5



#70
Styrene
Concen: 21.421 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion:104 Resp: 127542
Ion Ratio Lower Upper
104 100
78 55.7 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 22.413 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

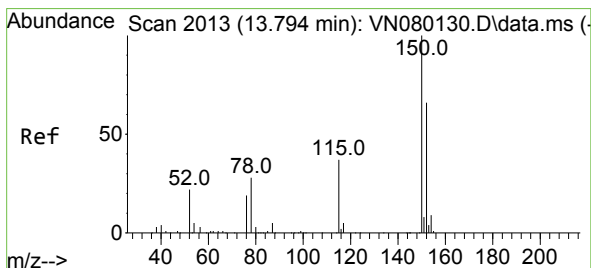
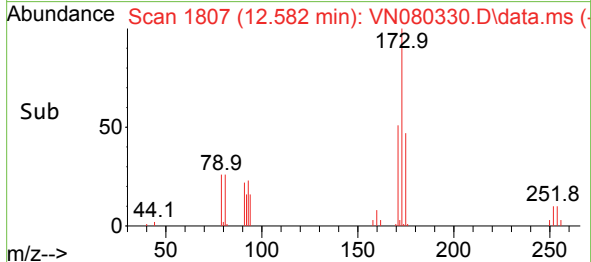
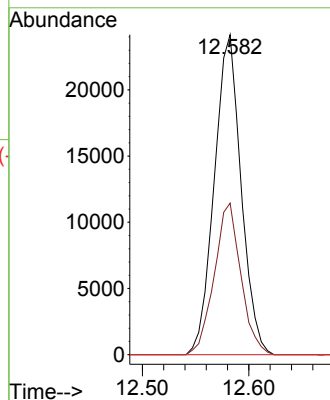
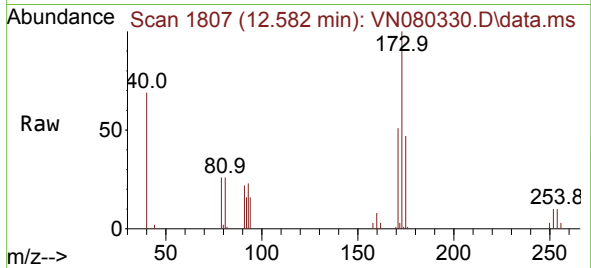
Tgt Ion:173 Resp: 42200

Ion Ratio Lower Upper

173 100

175 47.0 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: VN080330.D

Acq: 04 Dec 2023 12:00

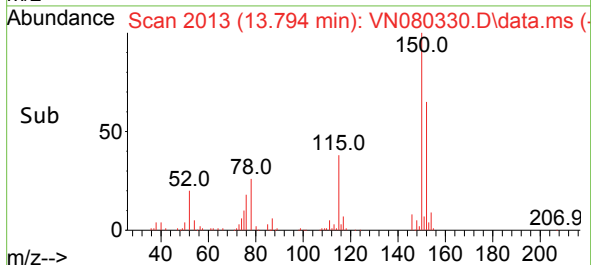
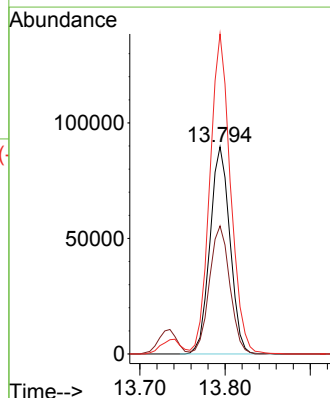
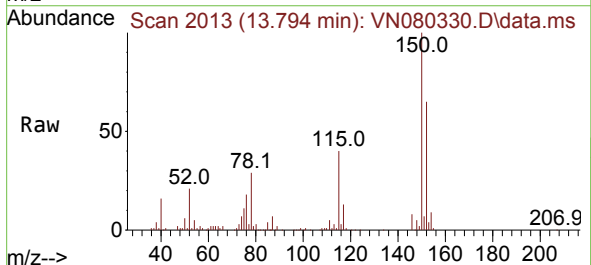
Tgt Ion:152 Resp: 145690

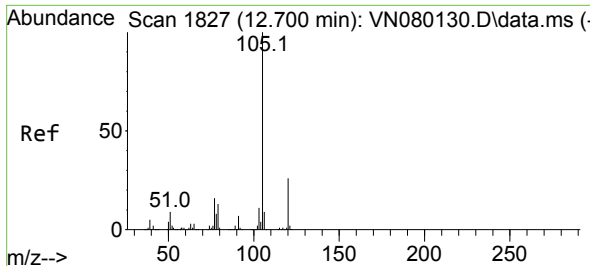
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

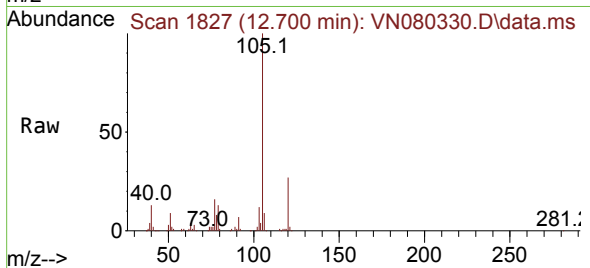
150 159.9 0.0 355.8



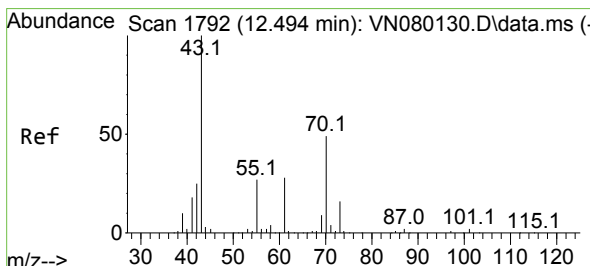
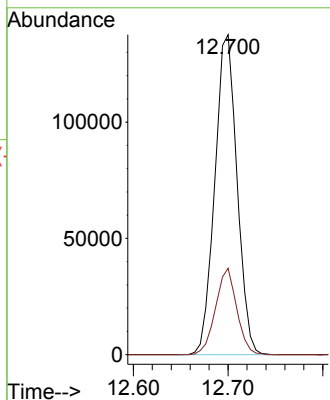
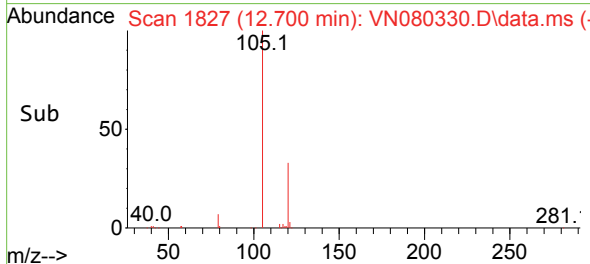


#73
Isopropylbenzene
Concen: 19.820 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

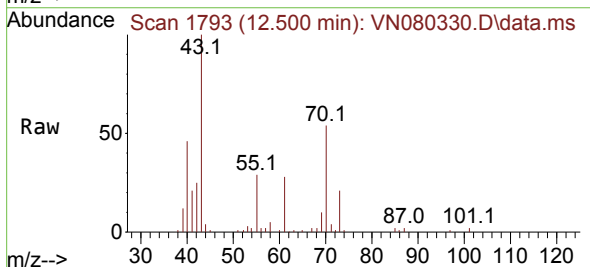
Instrument :
MSVOA_N
ClientSampleId :



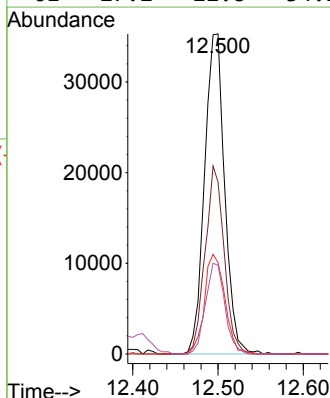
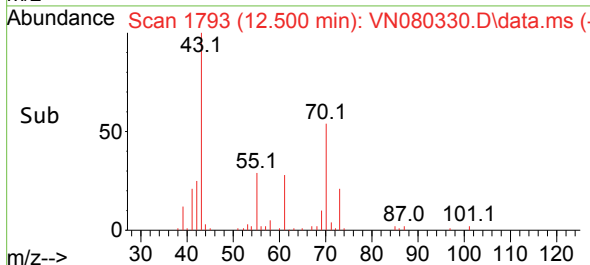
Tgt Ion:105 Resp: 224382
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

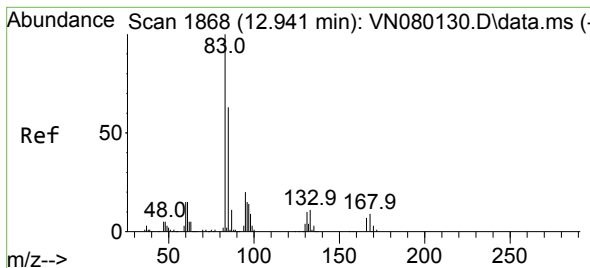


#74
N-ethyl acetate
Concen: 16.407 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00



Tgt Ion: 43 Resp: 57923
Ion Ratio Lower Upper
43 100
70 55.4 43.4 65.2
55 31.5 21.4 32.0
61 27.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.437 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

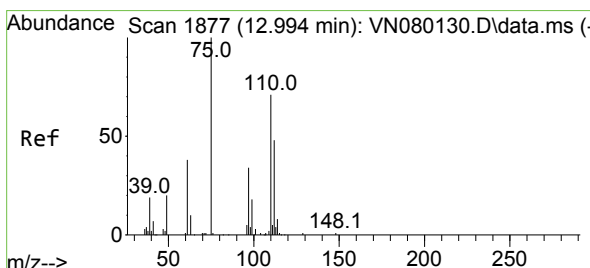
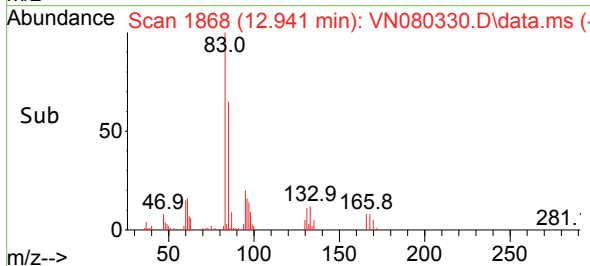
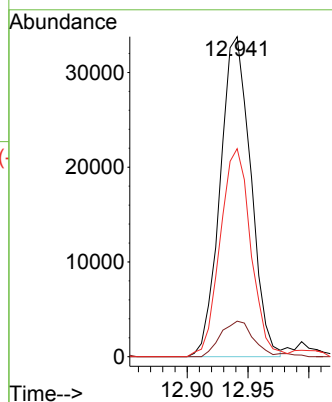
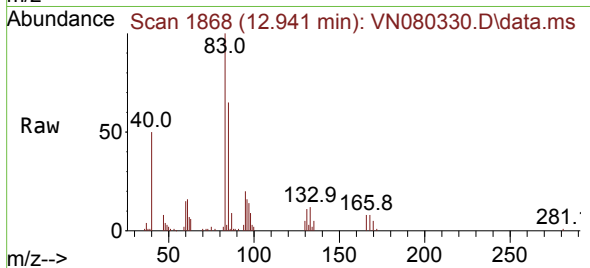
Tgt Ion: 83 Resp: 59084

Ion Ratio Lower Upper

83 100

131 12.3 5.0 15.0

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.756 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080330.D

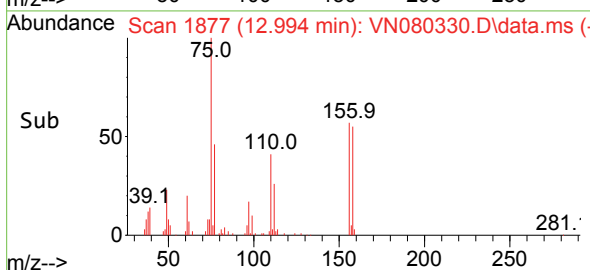
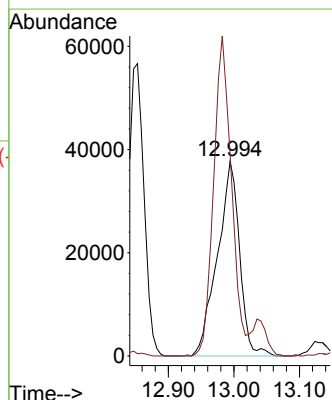
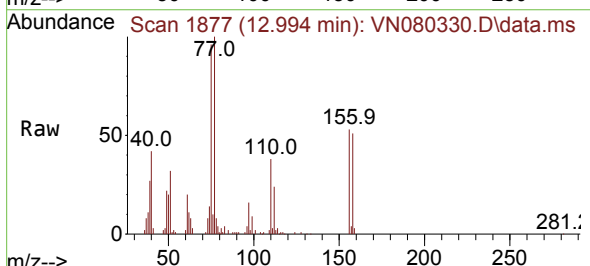
Acq: 04 Dec 2023 12:00

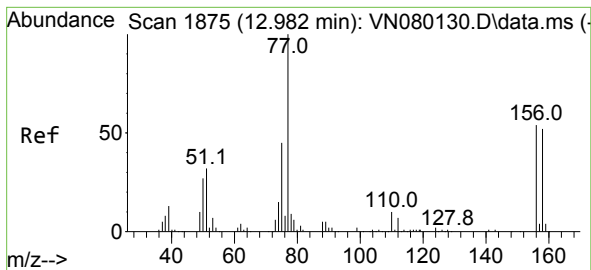
Tgt Ion: 75 Resp: 88370

Ion Ratio Lower Upper

75 100

77 132.0 84.5 253.5





#77

Bromobenzene

Concen: 20.720 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

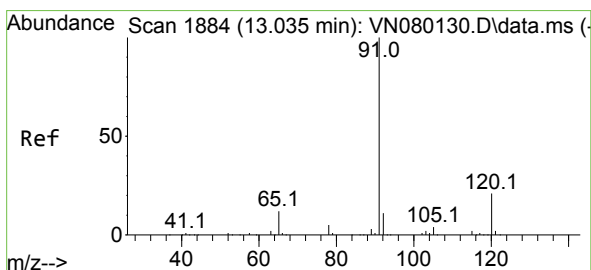
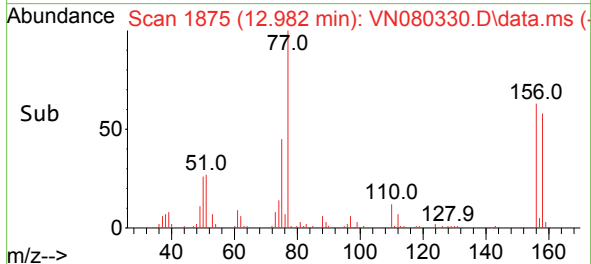
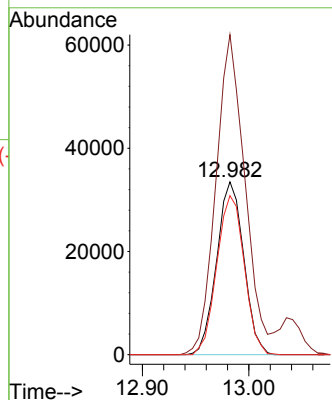
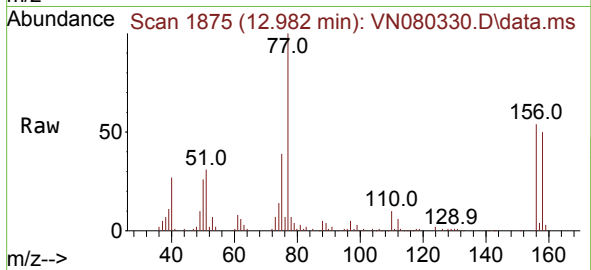
Tgt Ion:156 Resp: 59141

Ion Ratio Lower Upper

156 100

77 197.3 107.7 323.3

158 93.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.429 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080330.D

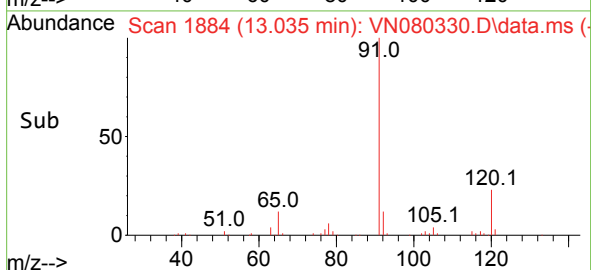
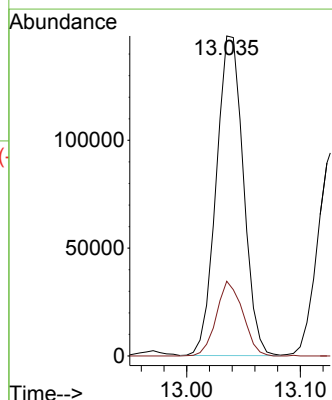
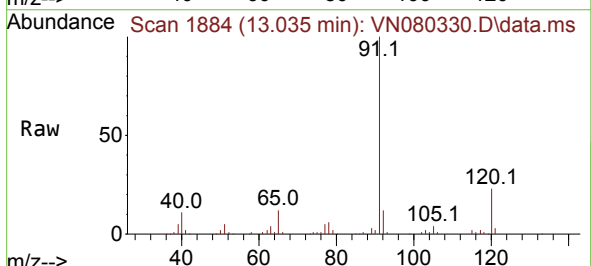
Acq: 04 Dec 2023 12:00

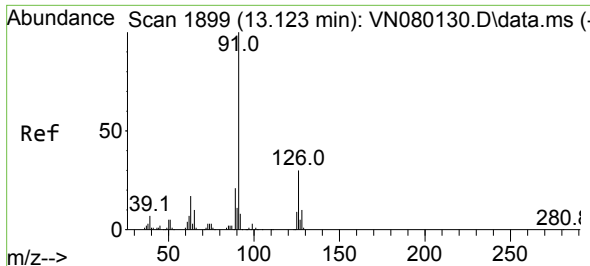
Tgt Ion: 91 Resp: 245968

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

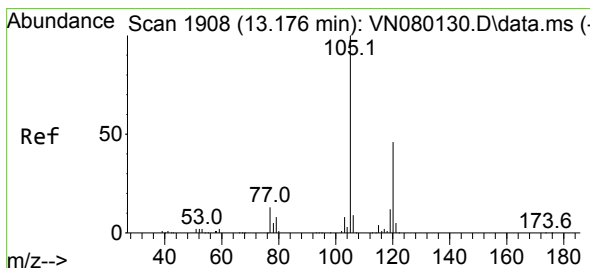
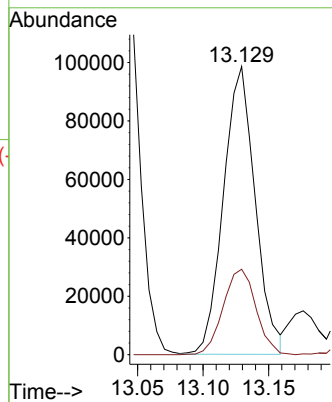
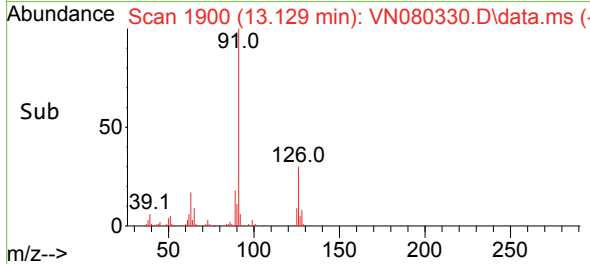
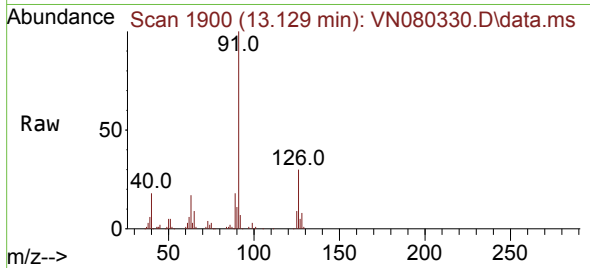




#79
2-Chlorotoluene
Concen: 20.170 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

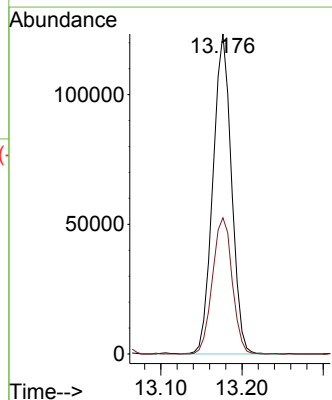
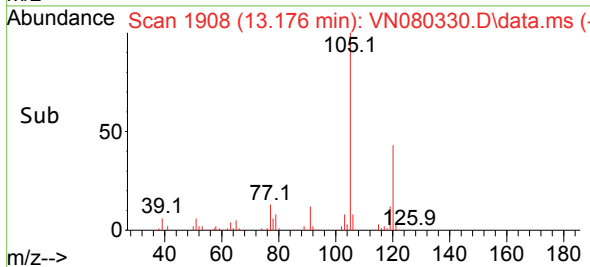
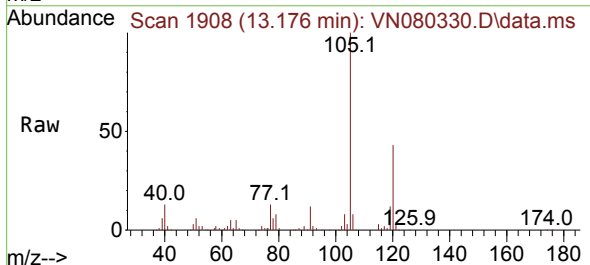
Instrument :
MSVOA_N
ClientSampleId :

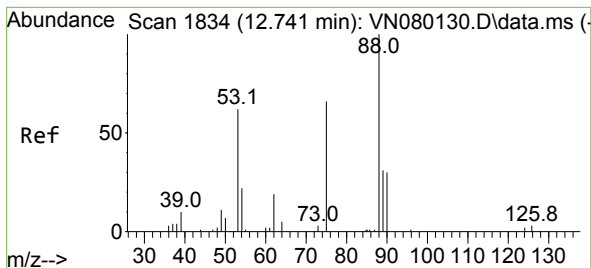
Tgt Ion: 91 Resp: 165846
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.877 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 105 Resp: 195886
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3

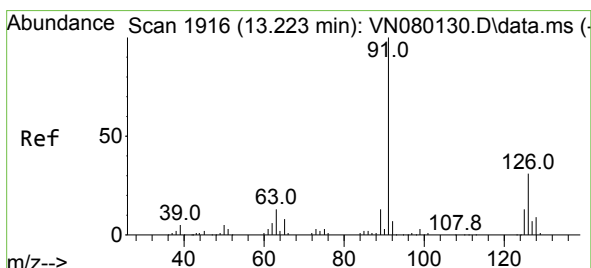
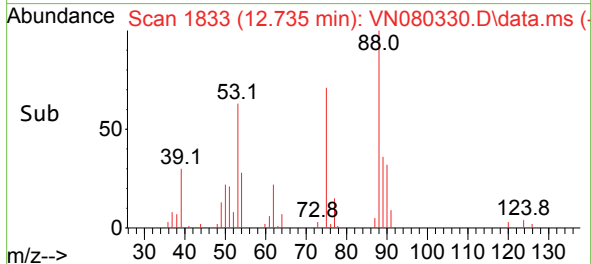
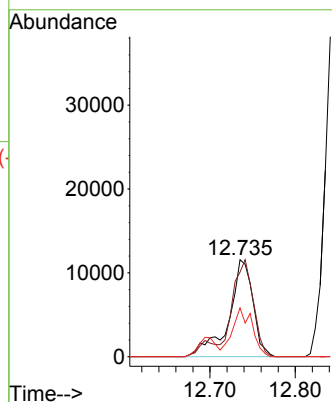
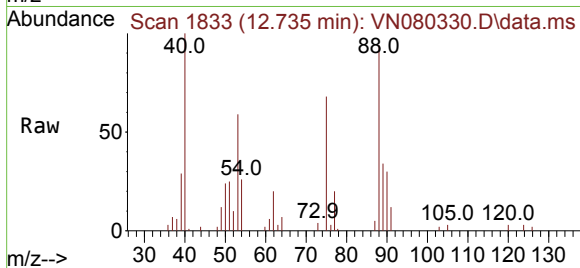




#81
trans-1,4-Dichloro-2-butene
Concen: 21.626 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

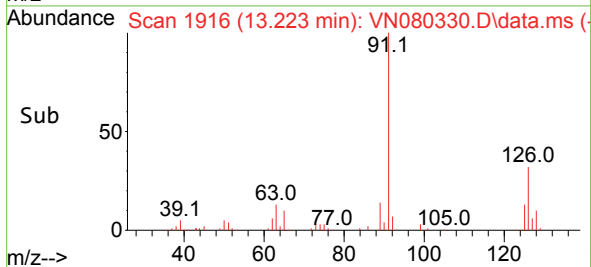
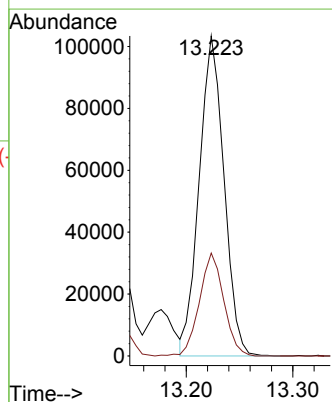
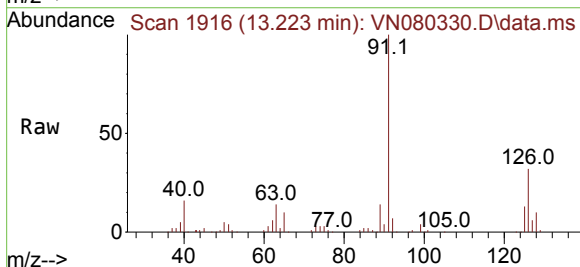
Instrument :
MSVOA_N
ClientSampleId :

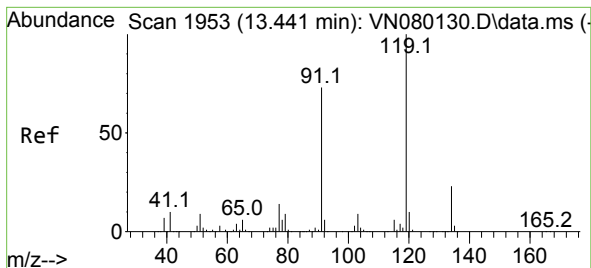
Tgt Ion: 75 Resp: 22849
Ion Ratio Lower Upper
75 100
53 84.5 67.4 101.2
89 41.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.868 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 91 Resp: 167353
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.023 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

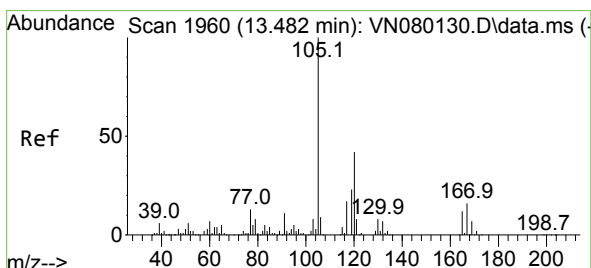
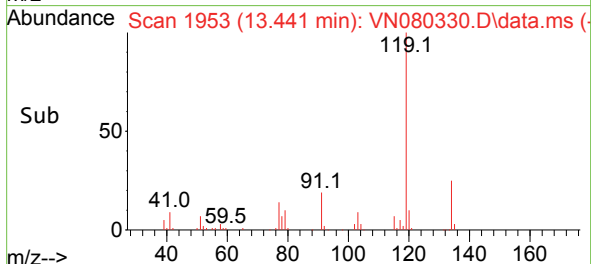
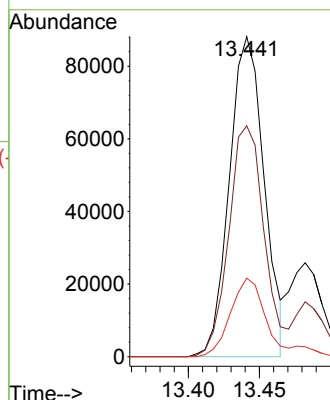
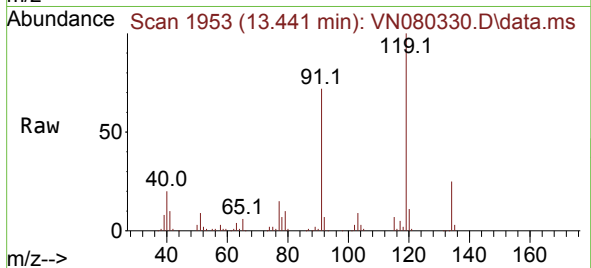
Tgt Ion:119 Resp: 150336

Ion Ratio Lower Upper

119 100

91 74.1 33.9 101.7

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.375 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080330.D

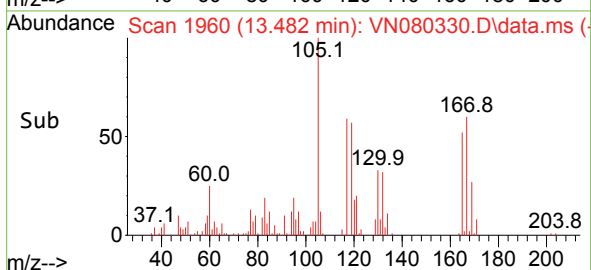
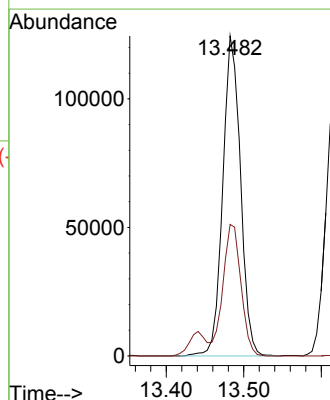
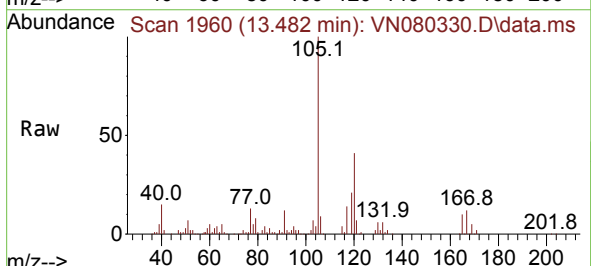
Acq: 04 Dec 2023 12:00

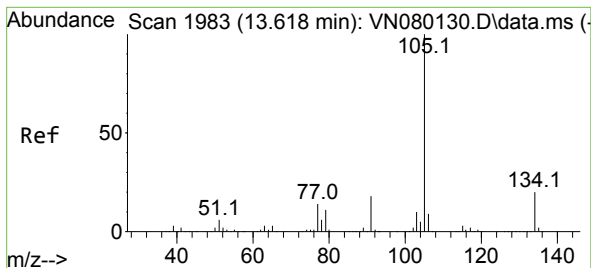
Tgt Ion:105 Resp: 197721

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.282 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

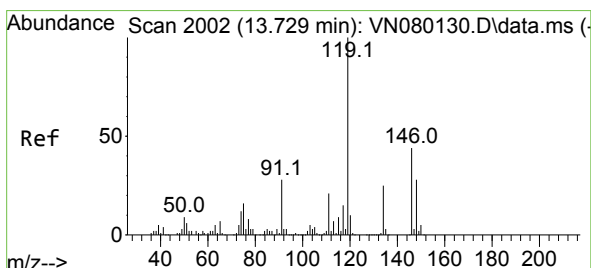
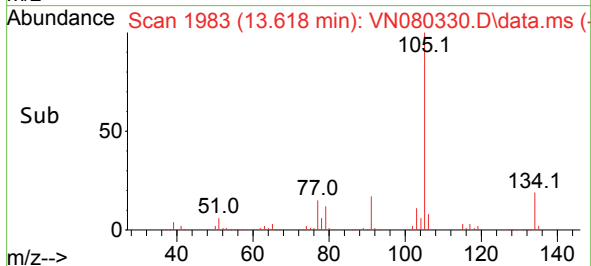
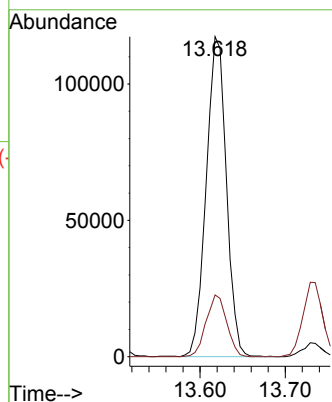
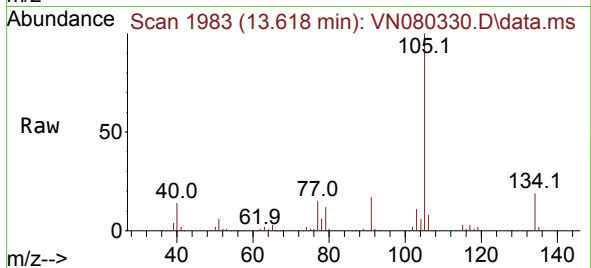
ClientSampleId :

Tgt Ion:105 Resp: 192771

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.769 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

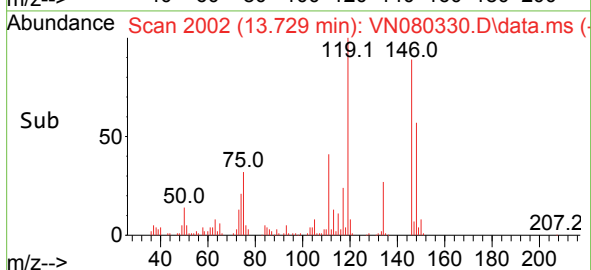
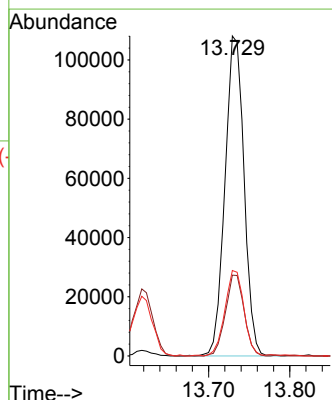
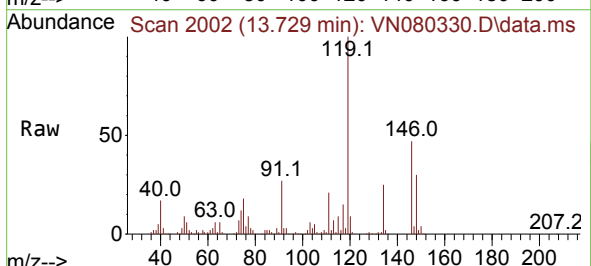
Tgt Ion:119 Resp: 176550

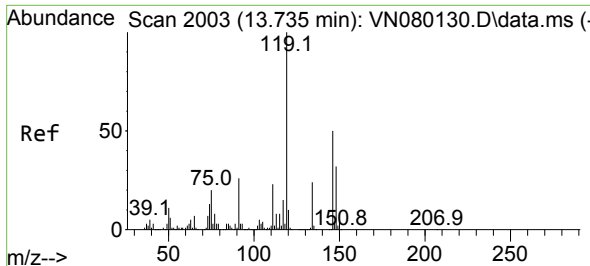
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 26.7 12.4 37.2

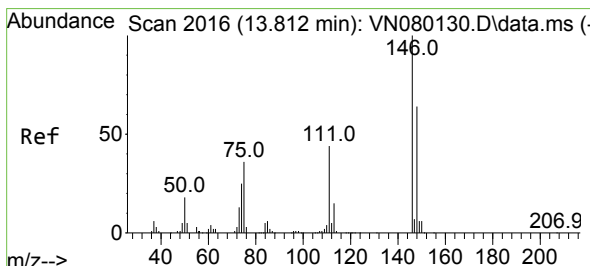
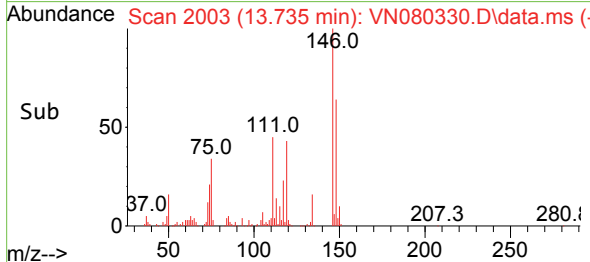
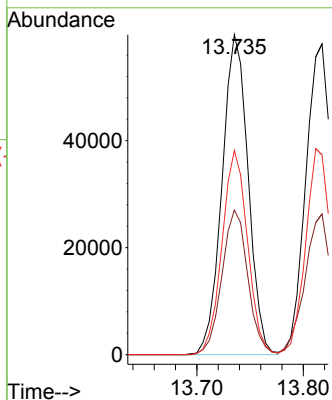
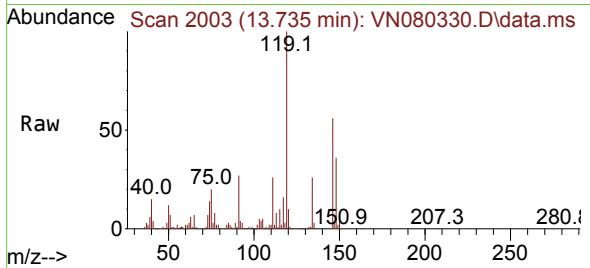




#87
 1,3-Dichlorobenzene
 Concen: 19.796 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

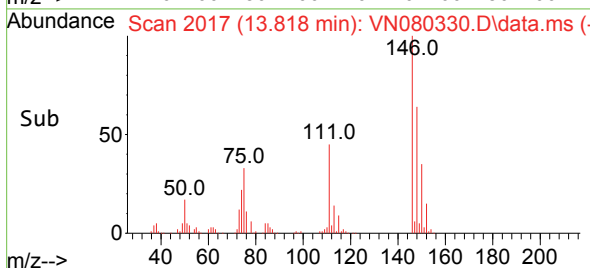
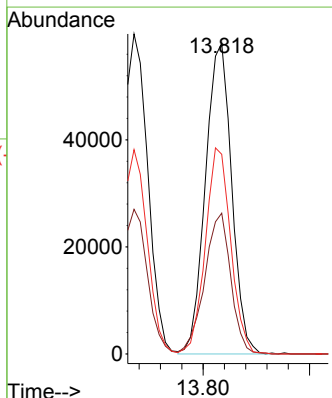
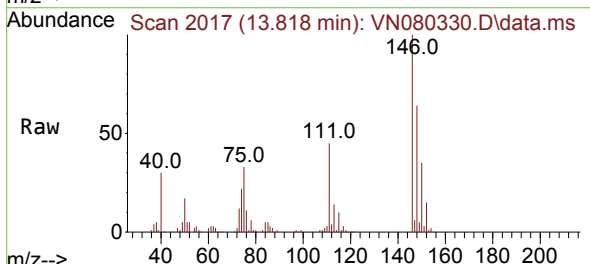
Instrument :
 MSVOA_N
 ClientSampleId :

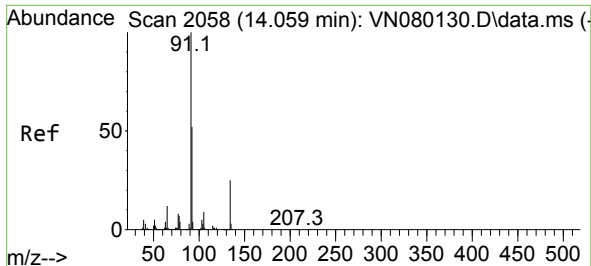
Tgt Ion:146 Resp: 101802
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.3
 148 62.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.179 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion:146 Resp: 99117
 Ion Ratio Lower Upper
 146 100
 111 45.3 20.6 61.8
 148 64.3 31.6 94.8

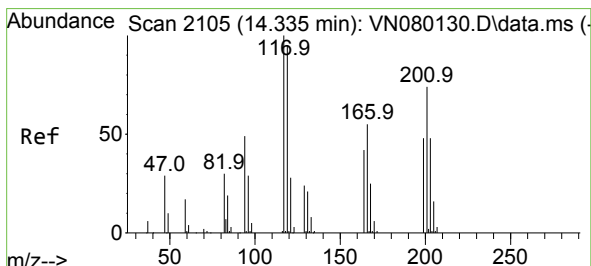
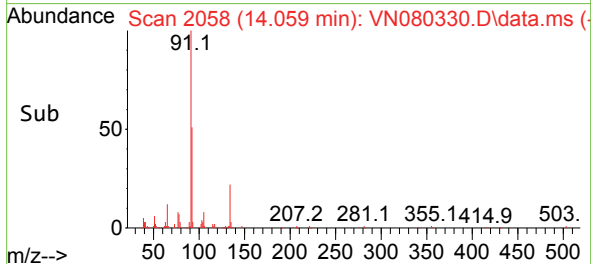
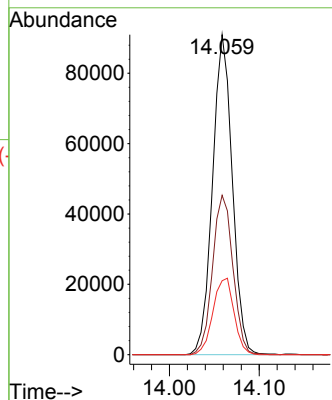
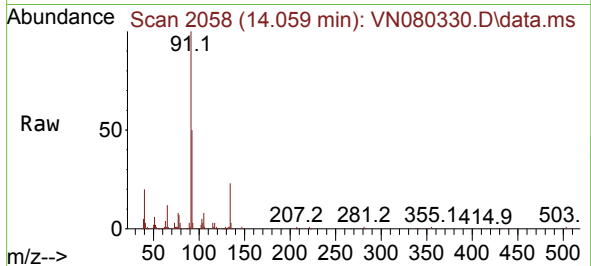




#89
n-Butylbenzene
Concen: 18.635 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

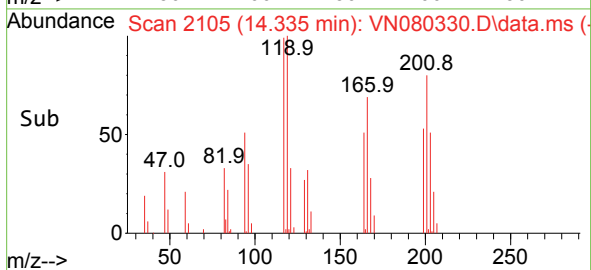
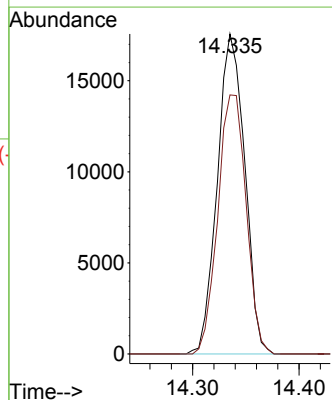
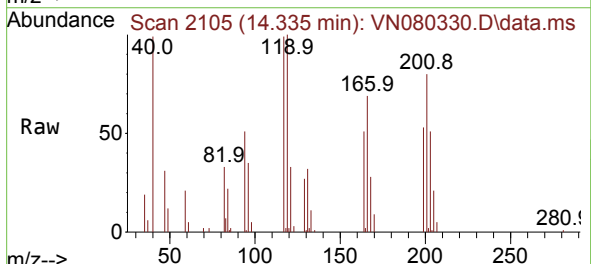
Instrument :
MSVOA_N
ClientSampleId :

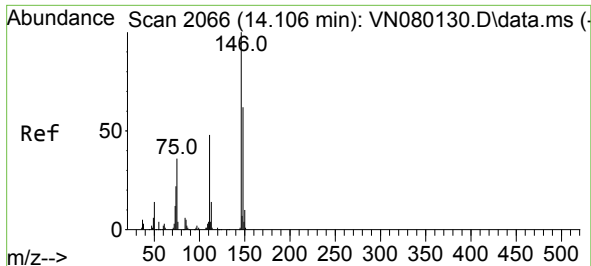
Tgt Ion: 91 Resp: 139297
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 18.042 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080330.D
Acq: 04 Dec 2023 12:00

Tgt Ion: 117 Resp: 31412
Ion Ratio Lower Upper
117 100
201 83.6 29.3 88.0

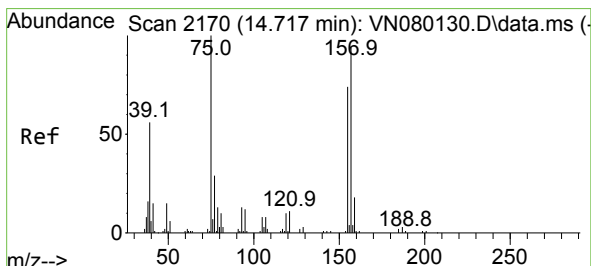
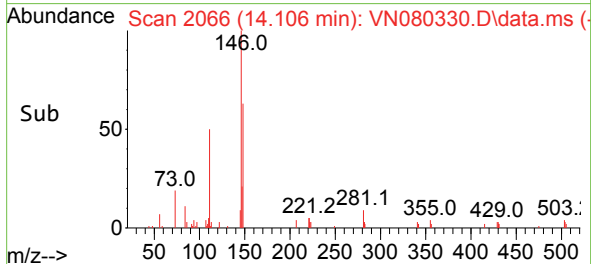
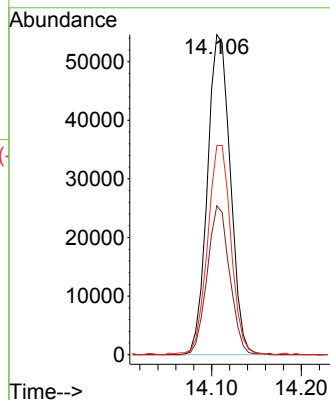
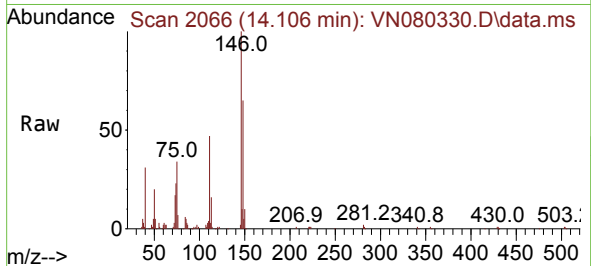




#91
 1,2-Dichlorobenzene
 Concen: 19.652 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

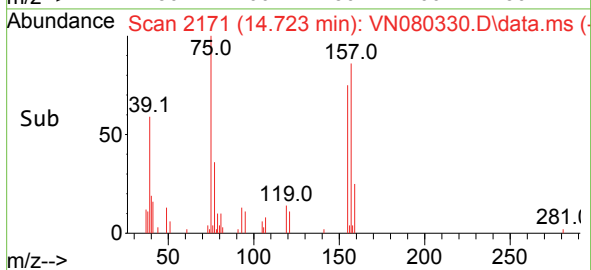
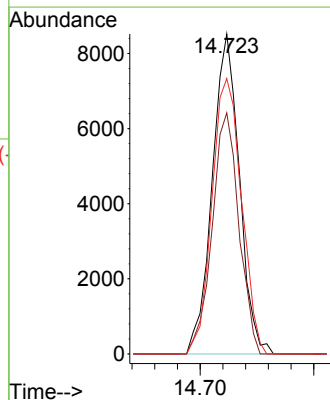
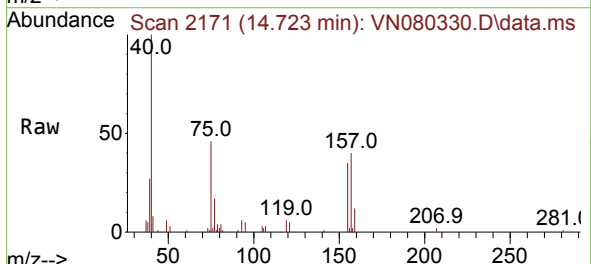
Instrument :
 MSVOA_N
 ClientSampleId :

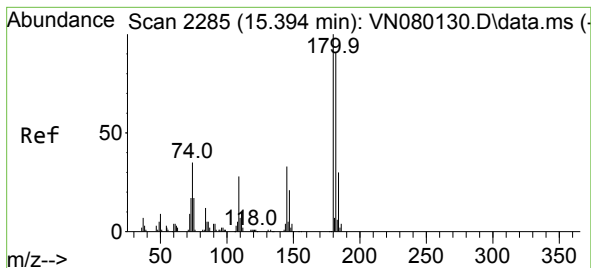
Tgt Ion:146 Resp: 96709
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.0 66.0
 148 67.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.938 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN080330.D
 Acq: 04 Dec 2023 12:00

Tgt Ion: 75 Resp: 14118
 Ion Ratio Lower Upper
 75 100
 155 74.2 39.1 117.2
 157 93.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.678 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

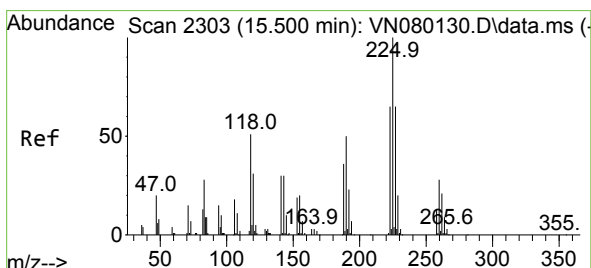
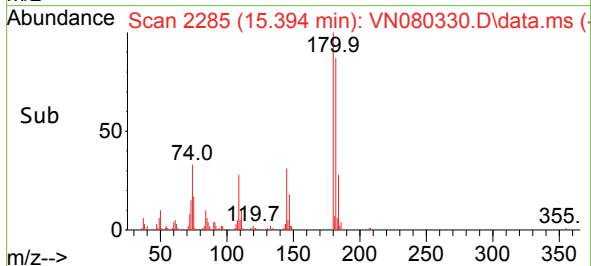
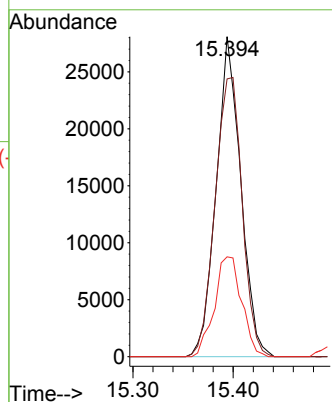
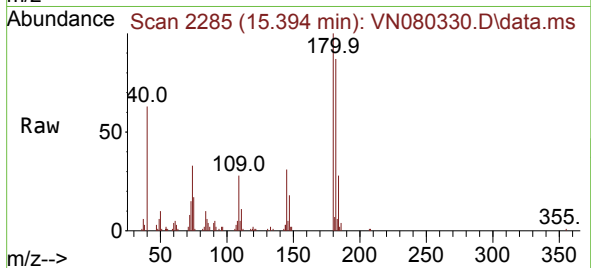
Tgt Ion:180 Resp: 47735

Ion Ratio Lower Upper

180 100

182 96.3 46.1 138.2

145 34.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.599 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

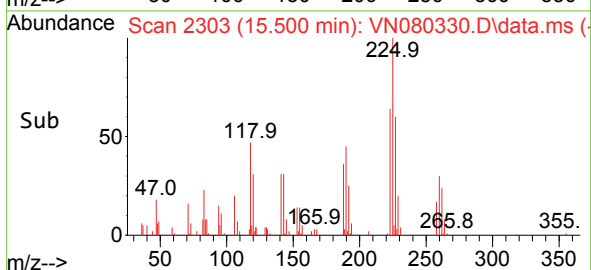
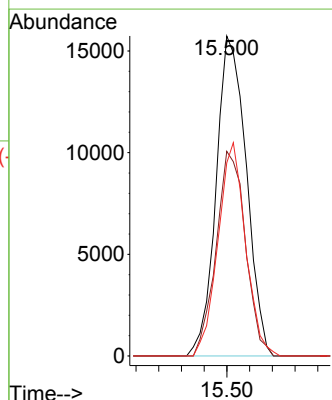
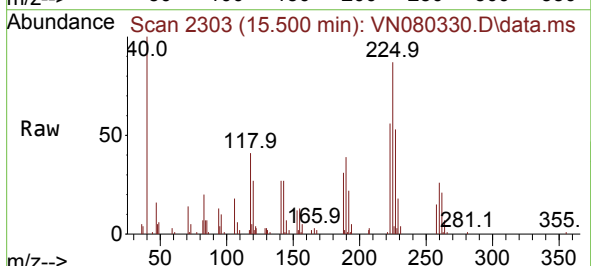
Tgt Ion:225 Resp: 28987

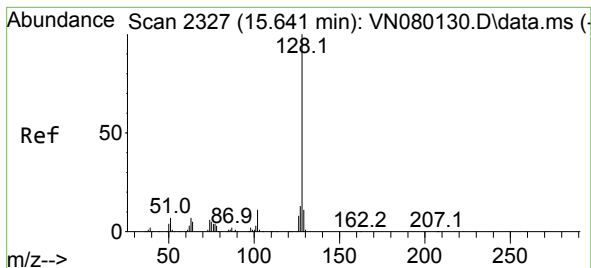
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 60.9 31.9 95.9





#95

Naphthalene

Concen: 15.048 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

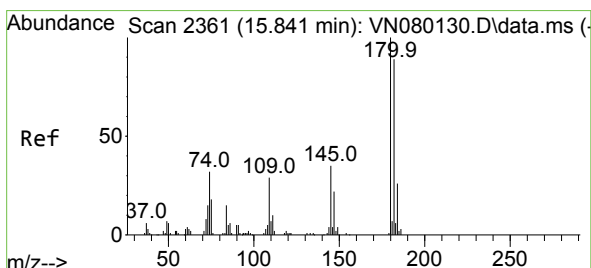
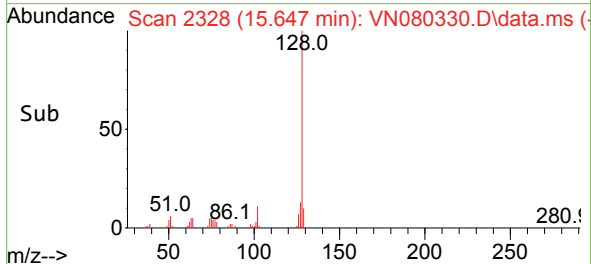
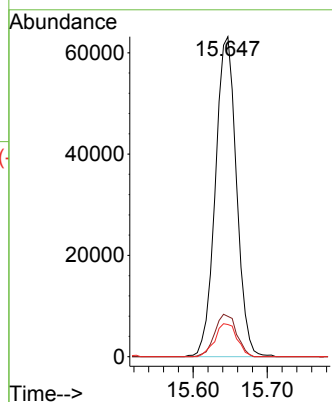
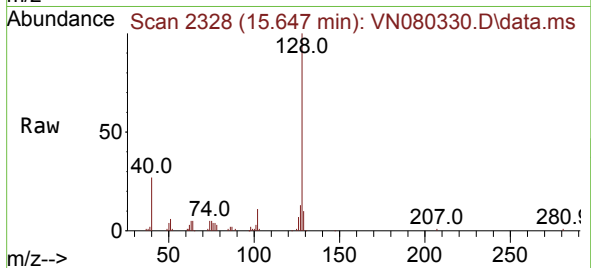
Tgt Ion:128 Resp: 124895

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.673 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080330.D

Acq: 04 Dec 2023 12:00

Tgt Ion:180 Resp: 44730

Ion Ratio Lower Upper

180 100

182 96.6 46.2 138.6

145 36.4 17.5 52.6

