

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080201.D
 Acq On : 20 Nov 2023 12:38
 Operator : JC\MD
 Sample : VN1120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 01:02:23 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	8.229	168	195452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166482	51.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.180%	
35) Dibromofluoromethane	8.171	113	113274	51.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.180%	
50) Toluene-d8	10.565	98	403161	50.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.853	95	152705	50.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53131	18.249	ug/l	96
3) Chloromethane	2.359	50	33835	15.458	ug/l	99
4) Vinyl Chloride	2.518	62	39052	16.859	ug/l	99
5) Bromomethane	2.959	94	27010	17.176	ug/l	90
6) Chloroethane	3.124	64	25318	16.549	ug/l	93
7) Trichlorofluoromethane	3.500	101	90306	18.689	ug/l	94
8) Diethyl Ether	3.959	74	24088	17.141	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	38618	17.485	ug/l	90
10) Methyl Iodide	4.594	142	42796	17.929	ug/l #	82
11) Tert butyl alcohol	5.512	59	29876	84.183	ug/l	99
12) 1,1-Dichloroethene	4.347	96	34294	16.601	ug/l	85
13) Acrolein	4.177	56	27310	86.953	ug/l	92
14) Allyl chloride	5.030	41	41681	16.037	ug/l	89
15) Acrylonitrile	5.718	53	82060	86.132	ug/l	98
16) Acetone	4.418	43	76890	70.935	ug/l	90
17) Carbon Disulfide	4.712	76	96029	15.568	ug/l	98
18) Methyl Acetate	5.024	43	56316	16.170	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	134890	18.490	ug/l	99
20) Methylene Chloride	5.277	84	46112	20.314	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	39453	17.384	ug/l	90
22) Diisopropyl ether	6.671	45	101643	17.676	ug/l	97
23) Vinyl Acetate	6.606	43	302107	87.390	ug/l	93
24) 1,1-Dichloroethane	6.577	63	72174	17.233	ug/l	100
25) 2-Butanone	7.482	43	97541	75.739	ug/l	98
26) 2,2-Dichloropropane	7.494	77	76634	18.443	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	44147	17.158	ug/l	82
28) Bromochloromethane	7.812	49	30534	18.545	ug/l	97
29) Tetrahydrofuran	7.841	42	58553	84.685	ug/l	94
30) Chloroform	7.971	83	89750	19.173	ug/l	90
31) Cyclohexane	8.259	56	55681	15.865	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	86532	18.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	59739	18.610	ug/l	94
37) Ethyl Acetate	7.559	43	39603	17.786	ug/l #	93
38) Carbon Tetrachloride	8.359	117	81896	20.104	ug/l	92
39) Methylcyclohexane	9.600	83	52422	16.937	ug/l #	86
40) Benzene	8.606	78	166427	18.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	21635	17.693	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	77479	20.757	ug/l	94
43) Isopropyl Acetate	8.688	43	68715	15.859	ug/l	100
44) Trichloroethene	9.353	130	43346	18.112	ug/l	96
45) 1,2-Dichloropropane	9.623	63	40090	18.908	ug/l	97
46) Dibromomethane	9.712	93	31514	19.636	ug/l	90
47) Bromodichloromethane	9.888	83	71896	20.365	ug/l	98
48) Methyl methacrylate	9.682	41	41597	18.629	ug/l	90
49) 1,4-Dioxane	9.694	88	13132	353.506	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	200509	89.382	ug/l	99
52) Toluene	10.635	92	106899	18.722	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	69431	19.142	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	72617	19.596	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	41805	19.184	ug/l	99
56) Ethyl methacrylate	10.876	69	41574	18.674	ug/l	91
57) 1,3-Dichloropropane	11.165	76	73014	19.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121511	96.883	ug/l	99
59) 2-Hexanone	11.194	43	152456	84.575	ug/l	95
60) Dibromochloromethane	11.359	129	52583	20.155	ug/l	98
61) 1,2-Dibromoethane	11.470	107	42449	19.094	ug/l	98
64) Tetrachloroethene	11.106	164	45325	21.919	ug/l	98
65) Chlorobenzene	11.894	112	113164	18.431	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	48162	20.214	ug/l	94
67) Ethyl Benzene	11.964	91	206468	18.898	ug/l	98
68) m/p-Xylenes	12.070	106	156015	39.166	ug/l	88
69) o-Xylene	12.400	106	74812	19.928	ug/l	88
70) Styrene	12.412	104	109952	19.678	ug/l #	91
71) Bromoform	12.582	173	36695	20.768	ug/l #	97
73) Isopropylbenzene	12.700	105	192839	18.341	ug/l	100
74) N-amyl acetate	12.500	43	53878	16.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	54510	17.322	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	77953	23.514	ug/l	73
77) Bromobenzene	12.982	156	50479	19.043	ug/l	95
78) n-propylbenzene	13.035	91	217619	18.509	ug/l	98
79) 2-Chlorotoluene	13.129	91	139891	18.319	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	173274	18.932	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	18155	18.502	ug/l #	85
82) 4-Chlorotoluene	13.223	91	144977	18.532	ug/l	96
83) tert-Butylbenzene	13.441	119	133556	18.197	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	171929	19.077	ug/l	97
85) sec-Butylbenzene	13.617	105	171823	18.506	ug/l	98
86) p-Isopropyltoluene	13.729	119	157912	19.039	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	88866	18.607	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	85534	17.821	ug/l	95
89) n-Butylbenzene	14.058	91	122170	17.598	ug/l	100
90) Hexachloroethane	14.341	117	29834	18.451	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	82271	18.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12832	17.556	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	41839	15.740	ug/l	95
94) Hexachlorobutadiene	15.500	225	26481	17.312	ug/l	97
95) Naphthalene	15.647	128	112347	14.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42401	17.018	ug/l	99

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

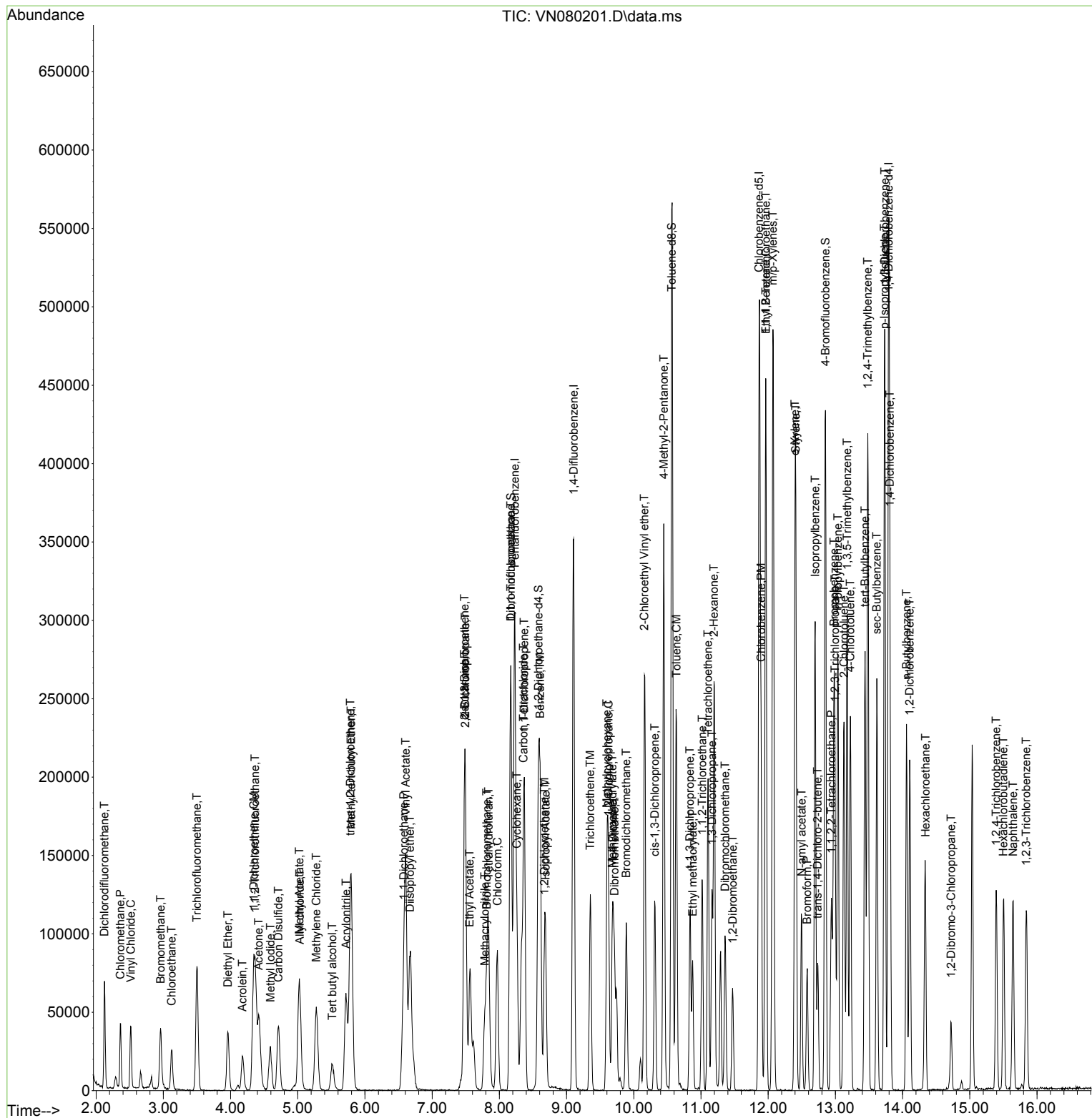
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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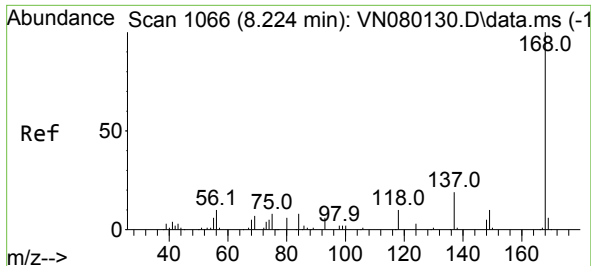
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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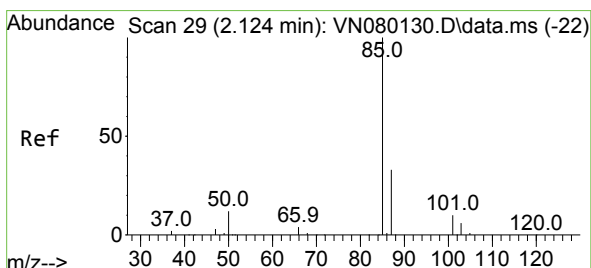
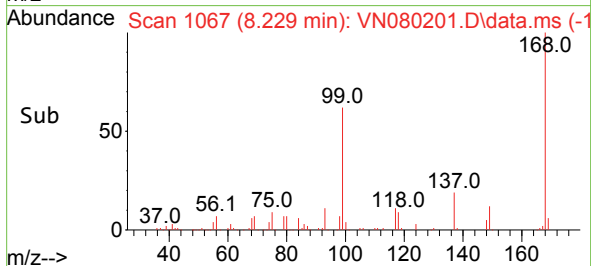
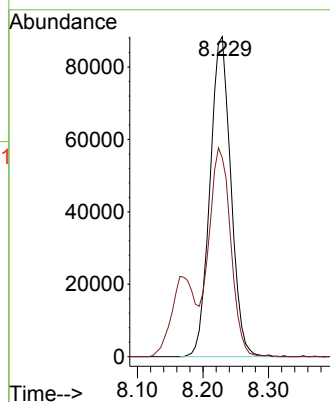
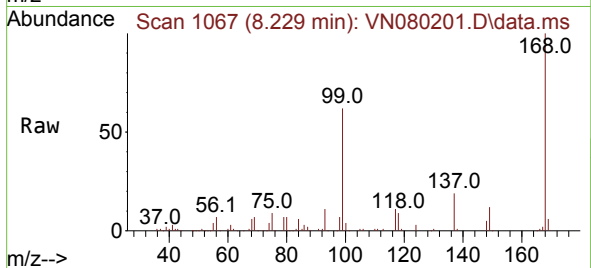




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080201.D
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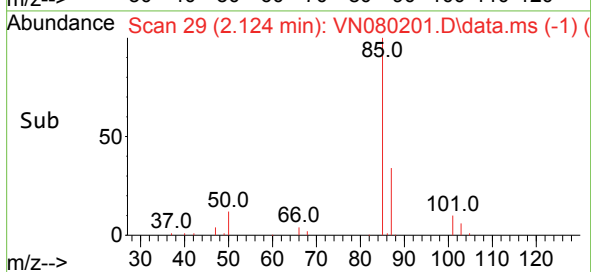
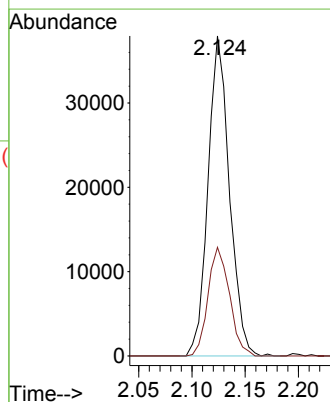
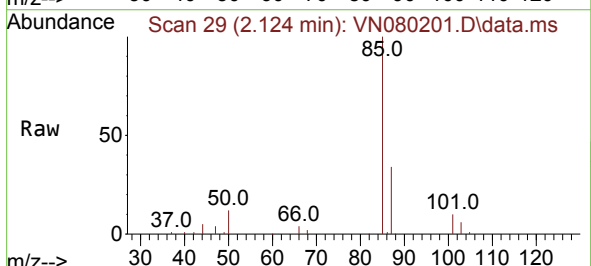
Instrument :
MSVOA_N
ClientSampleId :

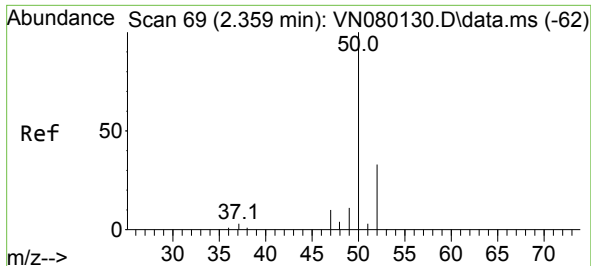
Tgt Ion:168 Resp: 195452
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.249 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 85 Resp: 53131
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4

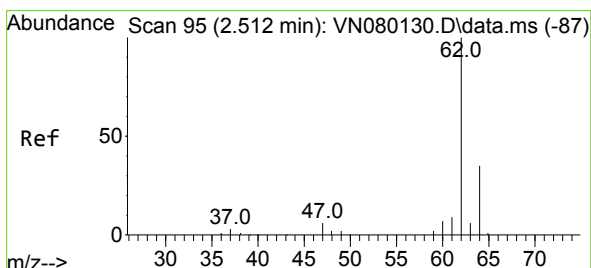
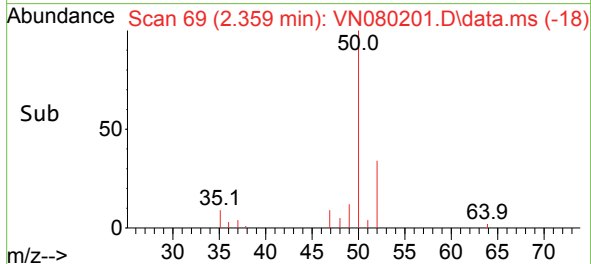
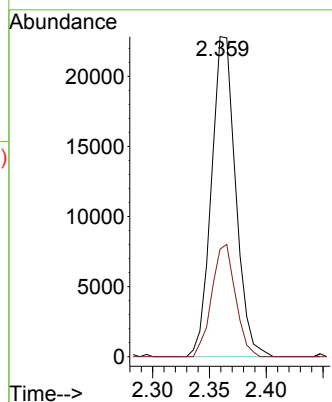
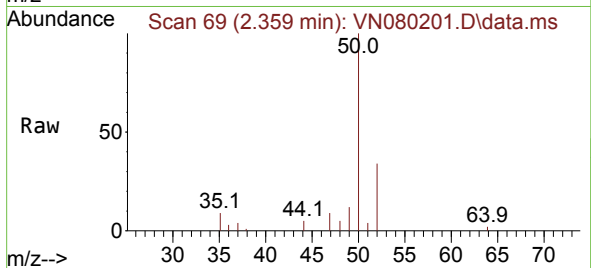




#3
Chloromethane
Concen: 15.458 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

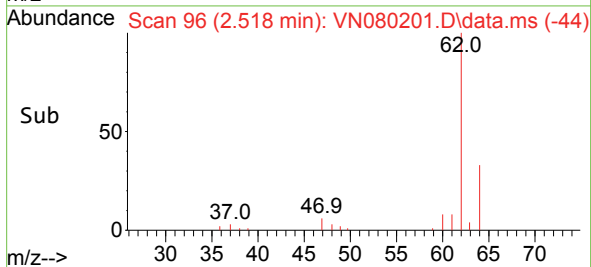
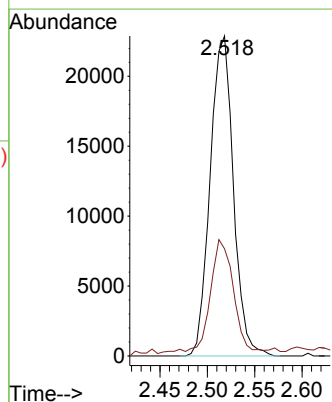
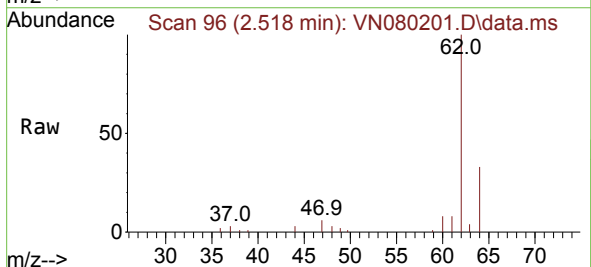
Instrument :
MSVOA_N
ClientSampleId :

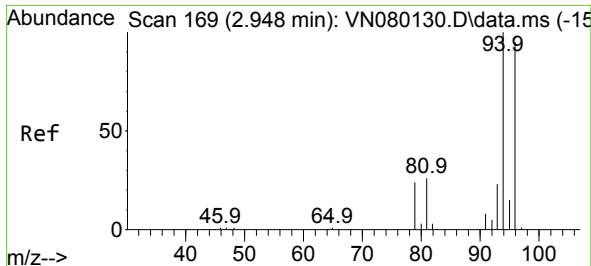
Tgt Ion: 50 Resp: 33835
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 16.859 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 62 Resp: 39052
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5

Bromomethane

Concen: 17.176 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

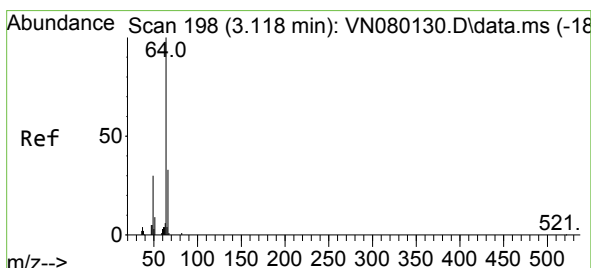
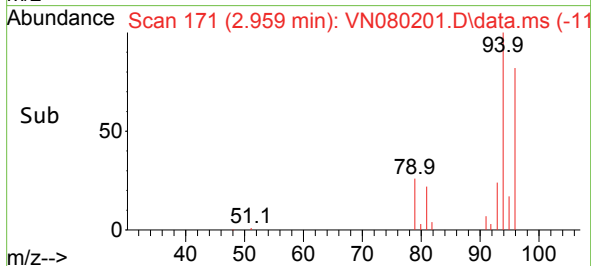
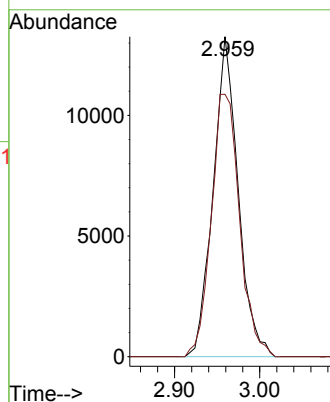
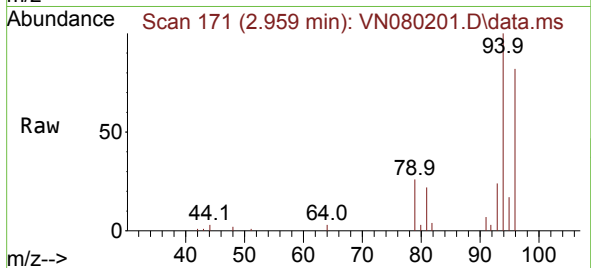
ClientSampleId :

Tgt Ion: 94 Resp: 27010

Ion Ratio Lower Upper

94 100

96 82.0 73.1 109.7



#6

Chloroethane

Concen: 16.549 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080201.D

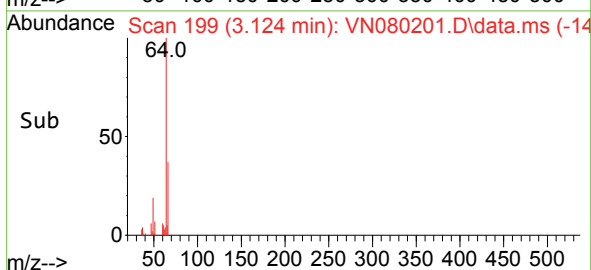
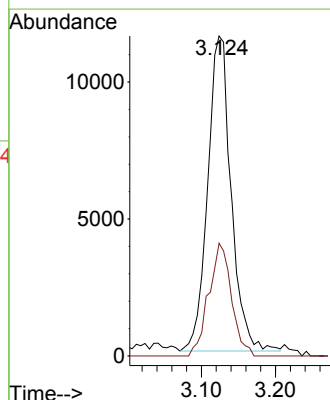
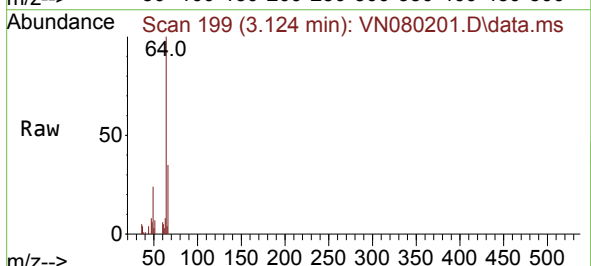
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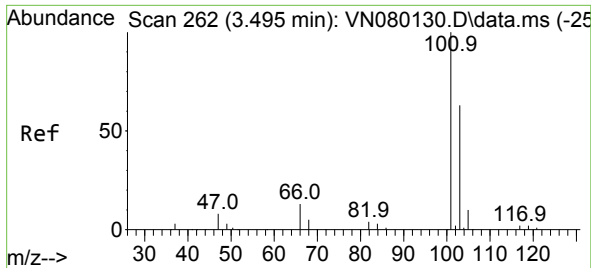
Tgt Ion: 64 Resp: 25318

Ion Ratio Lower Upper

64 100

66 35.7 25.4 38.2

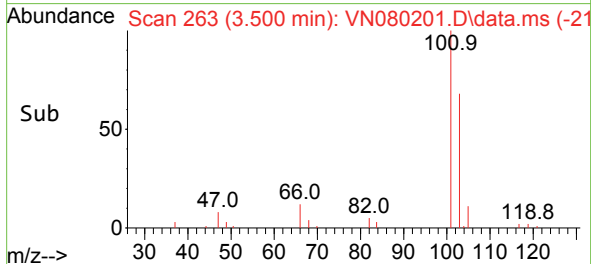
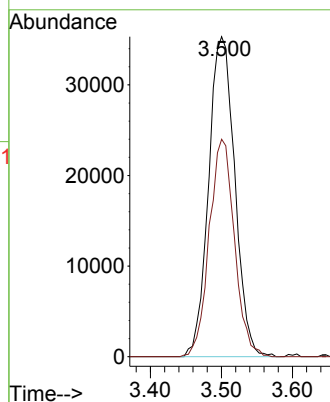
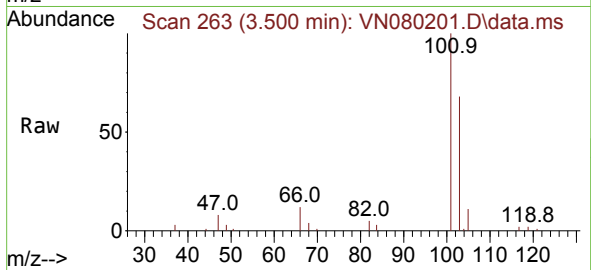




#7
Trichlorofluoromethane
Concen: 18.689 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

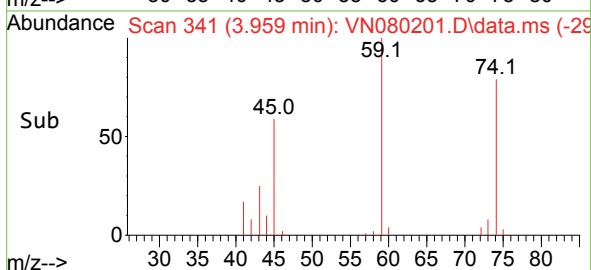
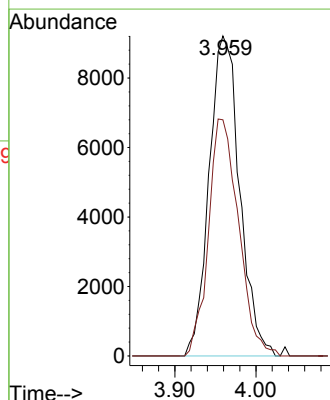
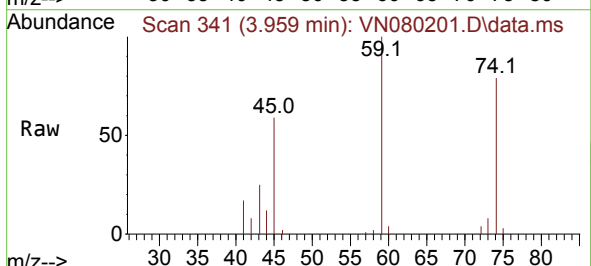
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 90306
Ion Ratio Lower Upper
101 100
103 68.0 50.7 76.1



#8
Diethyl Ether
Concen: 17.141 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 74 Resp: 24088
Ion Ratio Lower Upper
74 100
45 73.0 34.4 103.3

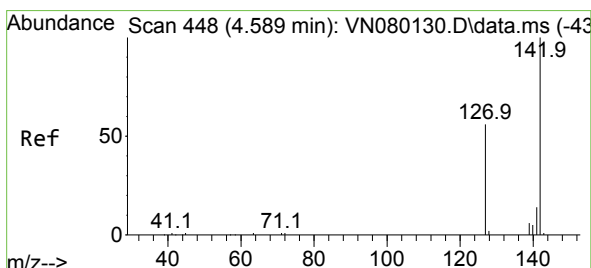
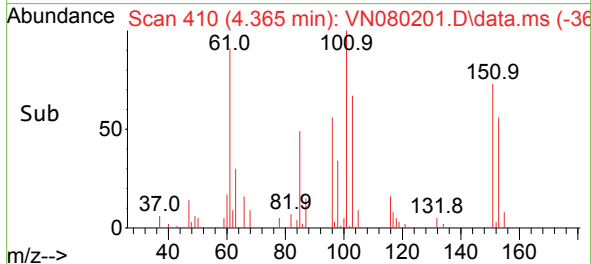
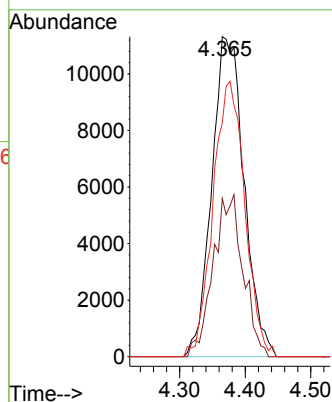
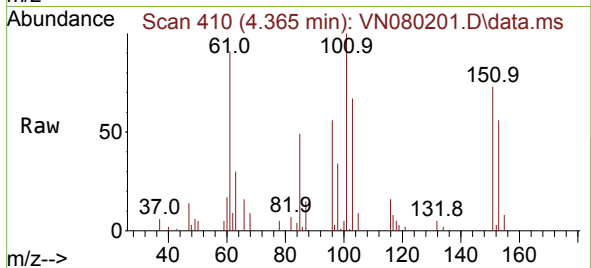




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.485 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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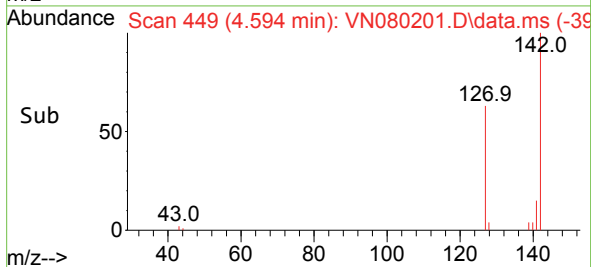
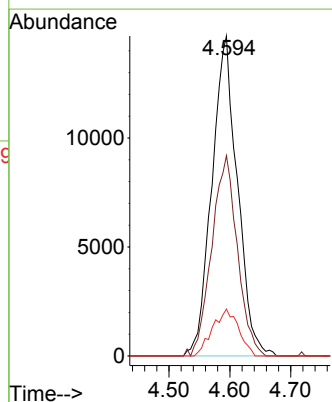
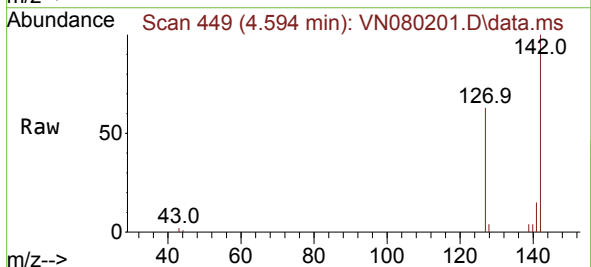
Instrument :
MSVOA_N
ClientSampleId :

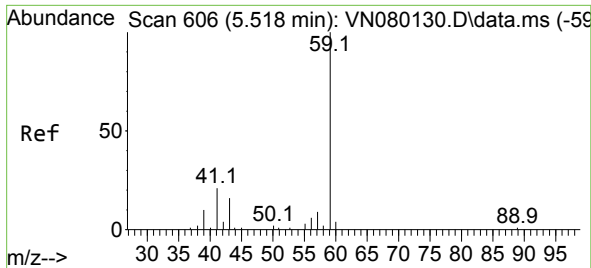
Tgt Ion:101 Resp: 38618
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 84.7 57.6 86.4



#10
Methyl Iodide
Concen: 17.929 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:142 Resp: 42796
Ion Ratio Lower Upper
142 100
127 62.6 37.6 56.4#
141 14.7 11.4 17.0

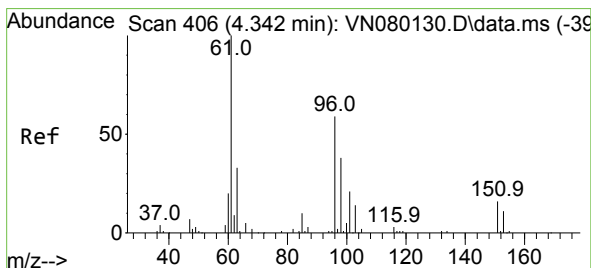
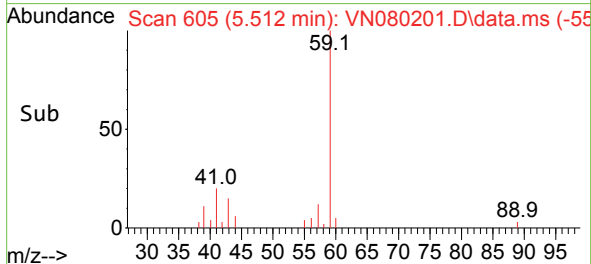
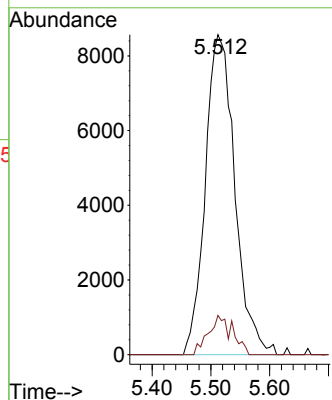
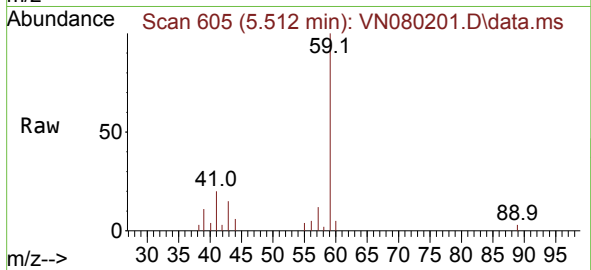




#11
Tert butyl alcohol
Concen: 84.183 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

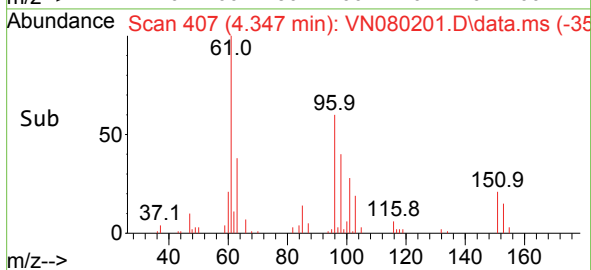
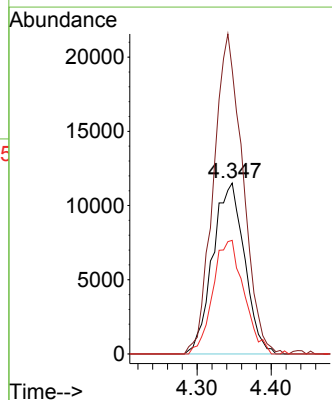
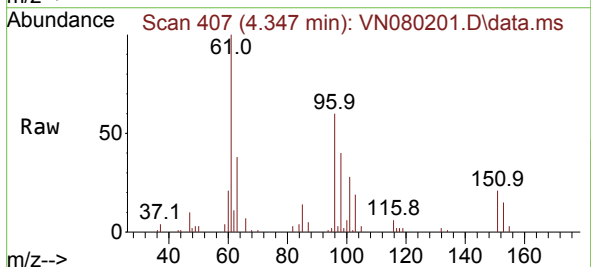
Instrument :
MSVOA_N
ClientSampleId :

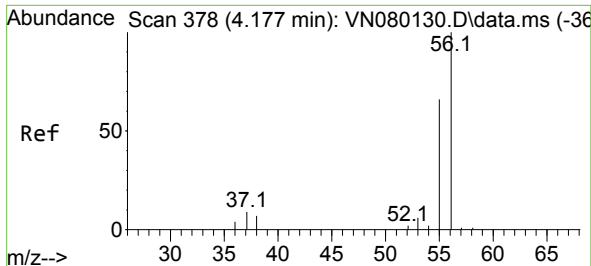
Tgt Ion: 59 Resp: 29876
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.601 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 96 Resp: 34294
Ion Ratio Lower Upper
96 100
61 166.4 112.7 169.1
98 66.5 51.2 76.8





#13

Acrolein

Concen: 86.953 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

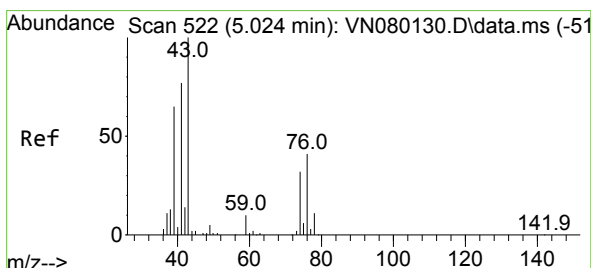
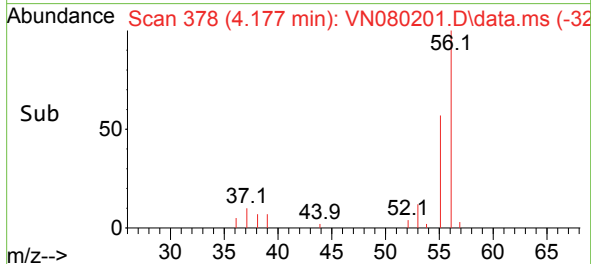
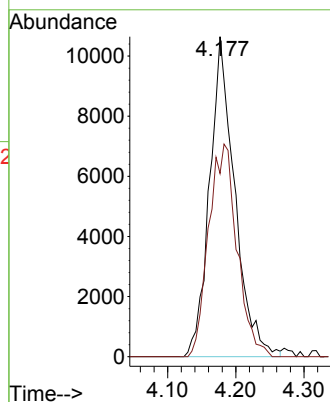
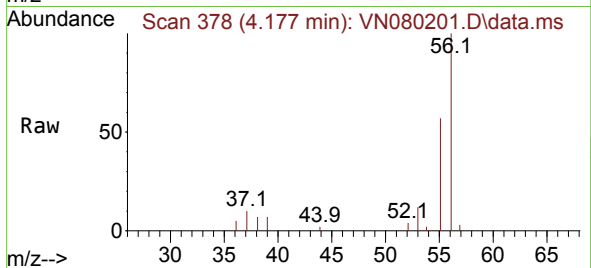
ClientSampleId :

Tgt Ion: 56 Resp: 27310

Ion Ratio Lower Upper

56 100

55 74.9 54.5 81.7



#14

Allyl chloride

Concen: 16.037 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

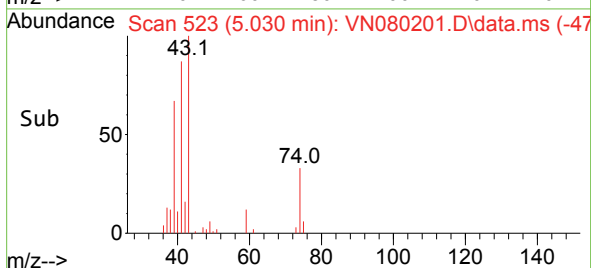
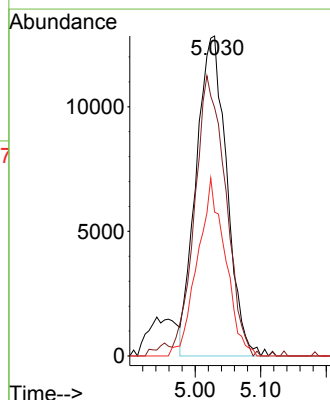
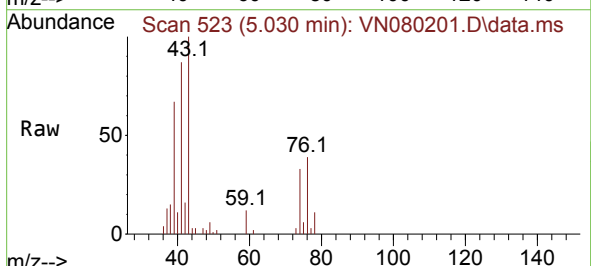
Tgt Ion: 41 Resp: 41681

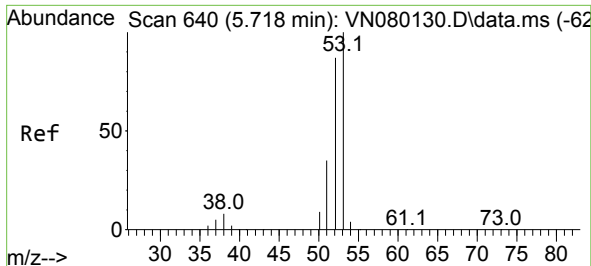
Ion Ratio Lower Upper

41 100

39 88.0 58.8 88.2

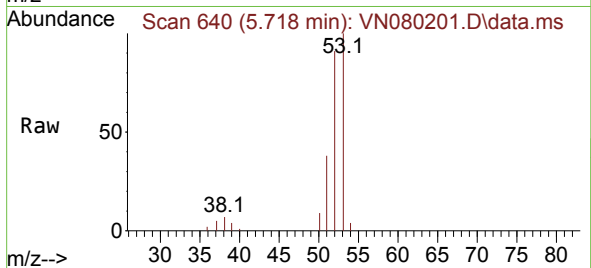
76 50.6 39.1 58.7



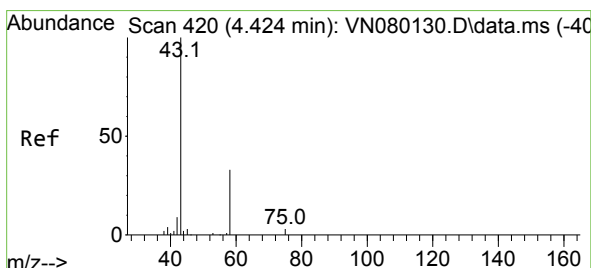
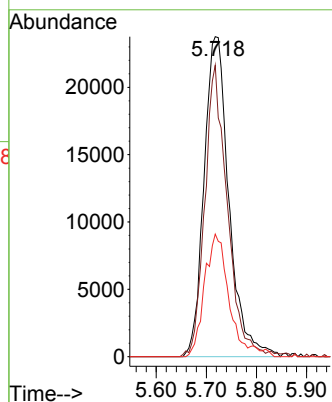
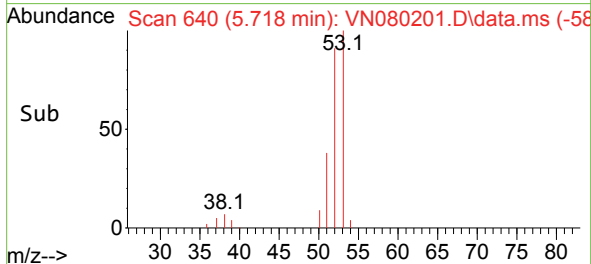


#15
Acrylonitrile
Concen: 86.132 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

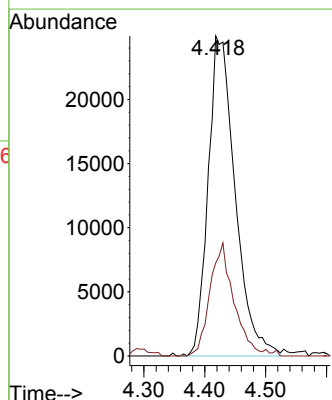
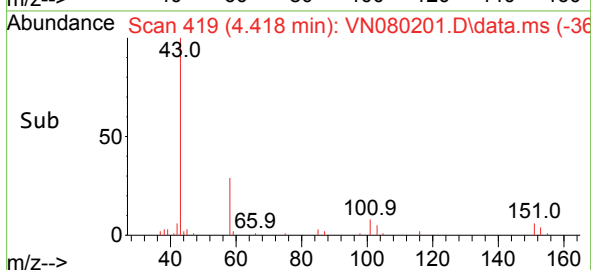
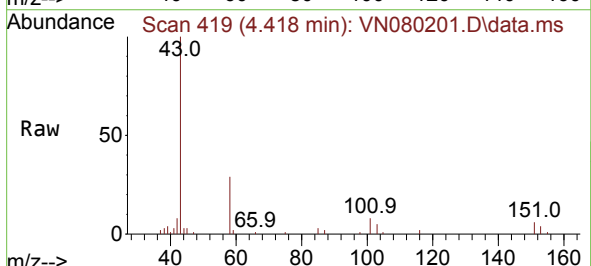


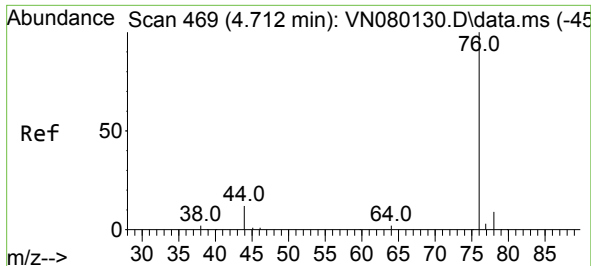
Tgt Ion: 53 Resp: 82060
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 38.0 28.9 43.3



#16
Acetone
Concen: 70.935 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

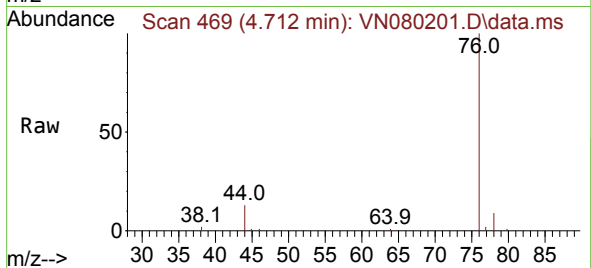
Tgt Ion: 43 Resp: 76890
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



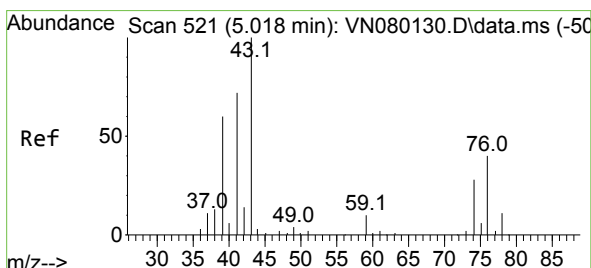
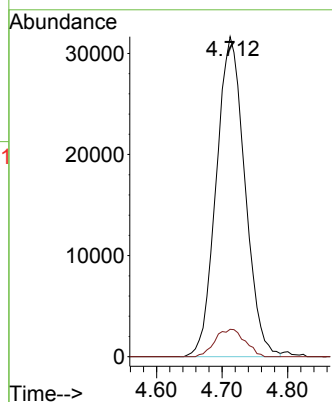
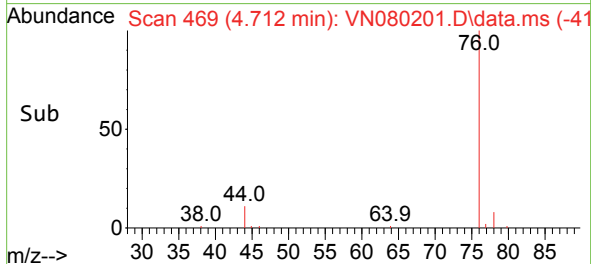


#17
Carbon Disulfide
Concen: 15.568 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

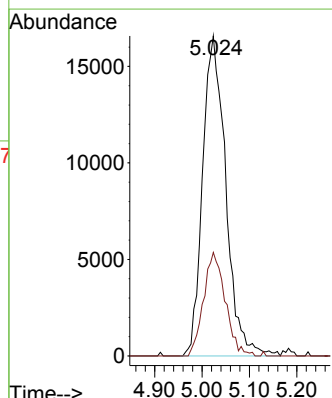
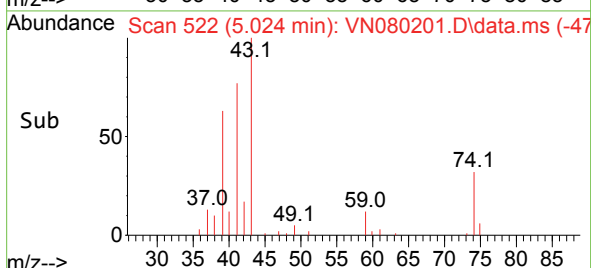
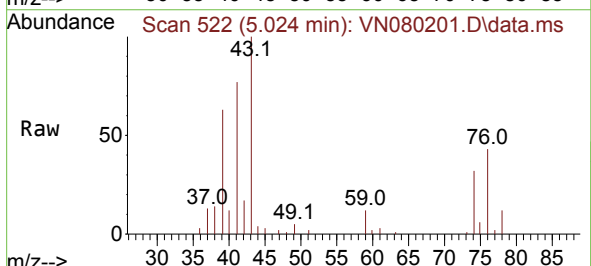


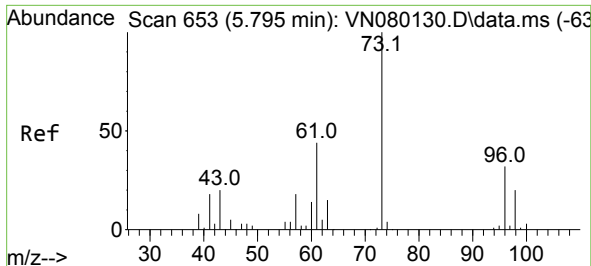
Tgt Ion: 76 Resp: 96029
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 16.170 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 43 Resp: 56316
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 18.490 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

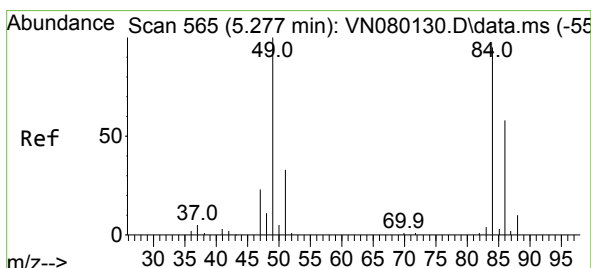
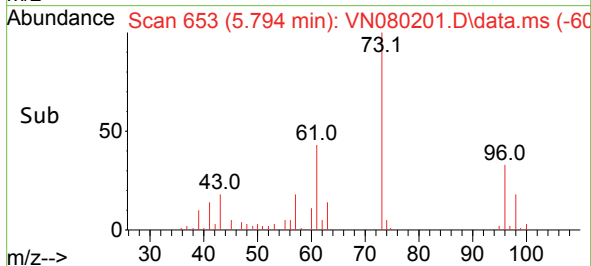
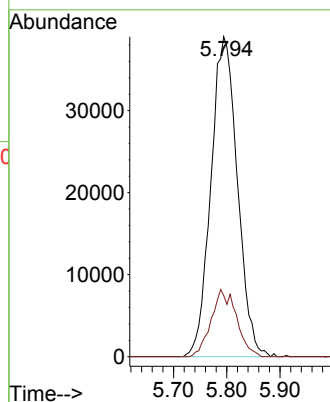
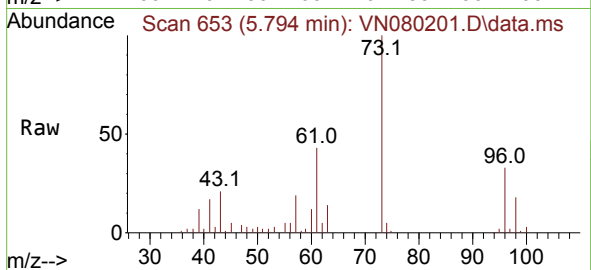
ClientSampleId :

Tgt Ion: 73 Resp: 134890

Ion Ratio Lower Upper

73 100

57 19.1 15.6 23.4



#20

Methylene Chloride

Concen: 20.314 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion: 84 Resp: 46112

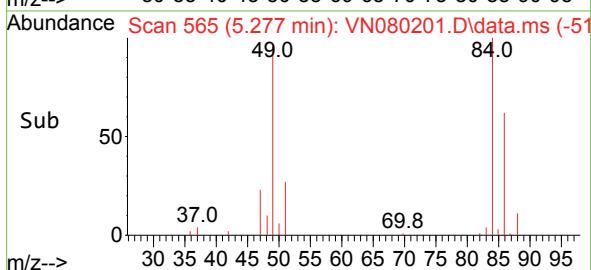
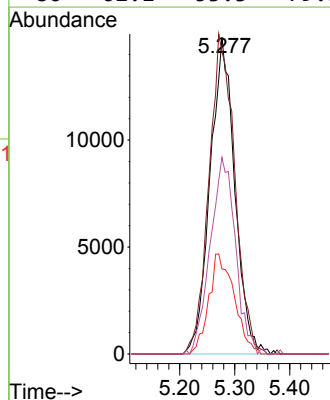
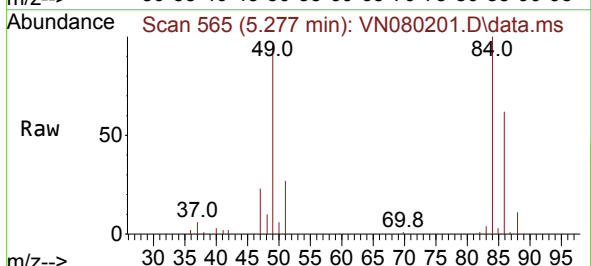
Ion Ratio Lower Upper

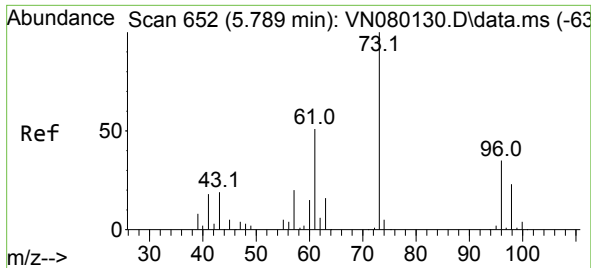
84 100

49 95.6 79.7 119.5

51 26.9 25.2 37.8

86 62.1 53.3 79.9

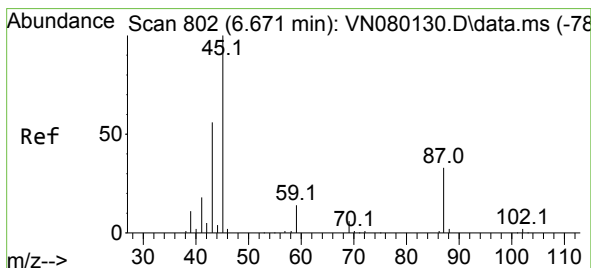
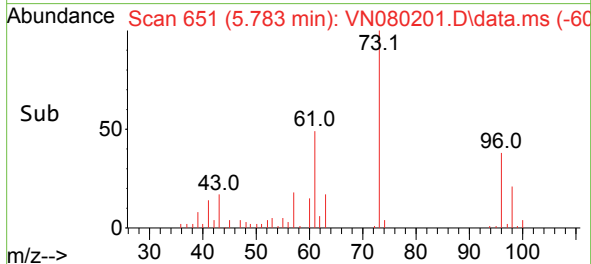
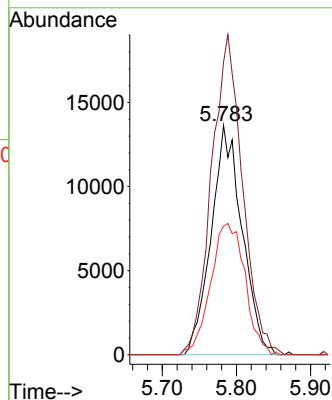
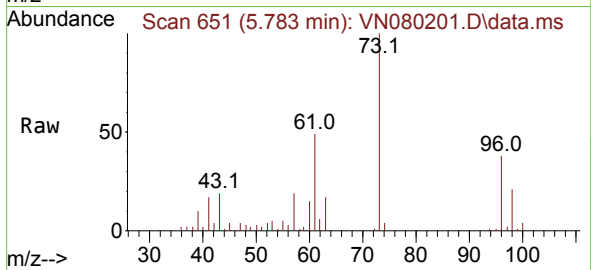




#21
trans-1,2-Dichloroethene
Concen: 17.384 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

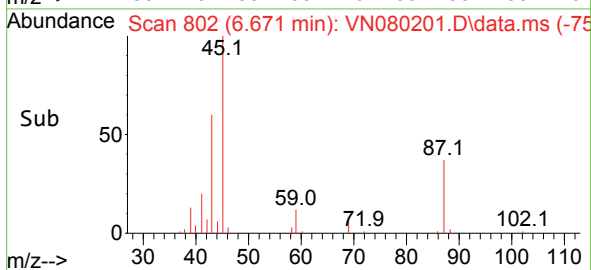
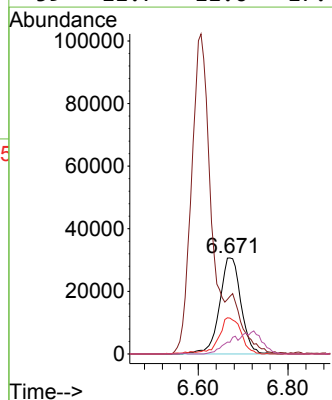
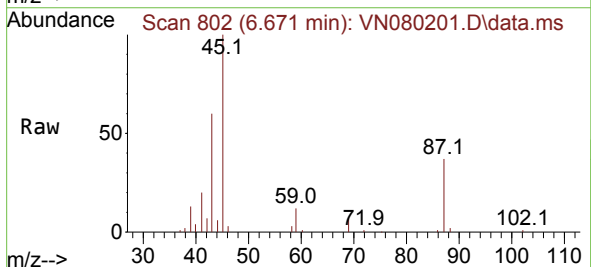
Instrument :
MSVOA_N
ClientSampleId :

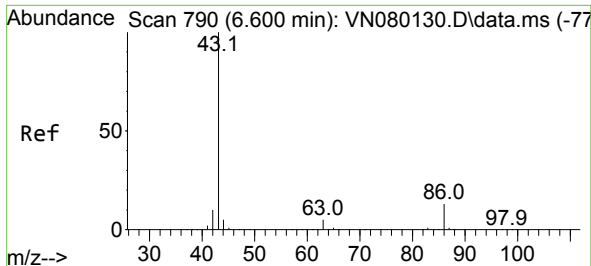
Tgt Ion: 96 Resp: 39453
Ion Ratio Lower Upper
96 100
61 127.7 90.1 135.1
98 56.1 46.4 69.6



#22
Diisopropyl ether
Concen: 17.676 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 45 Resp: 101643
Ion Ratio Lower Upper
45 100
43 58.5 45.5 68.3
87 37.3 31.8 47.8
59 11.7 11.6 17.4

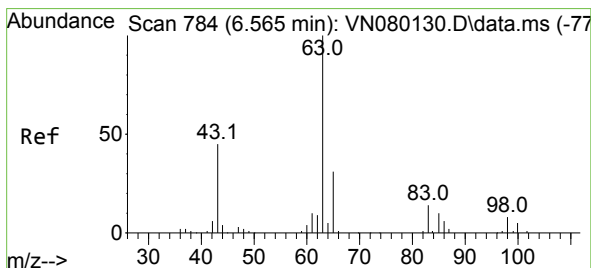
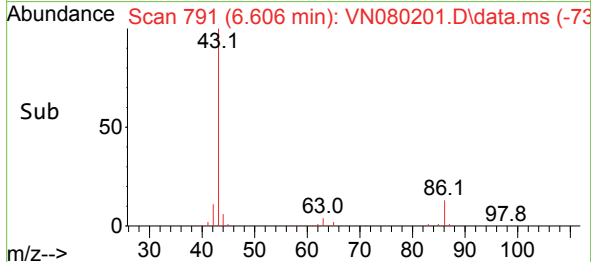
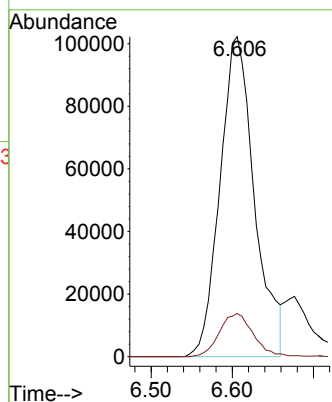
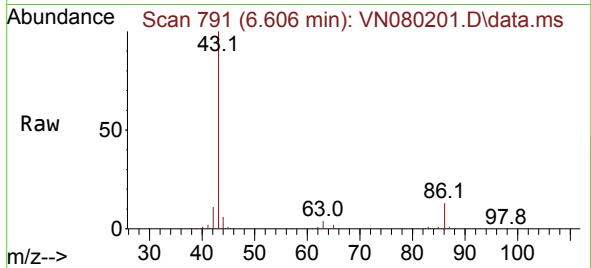




#23
 Vinyl Acetate
 Concen: 87.390 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

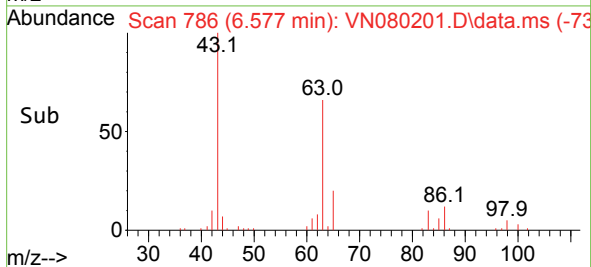
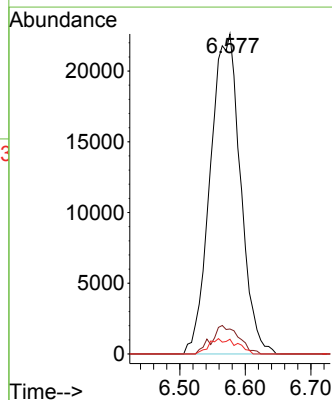
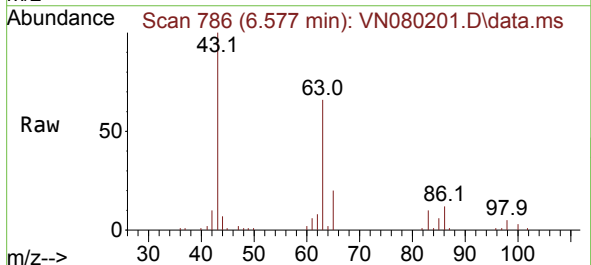
Instrument :
 MSVOA_N
 ClientSampleId :

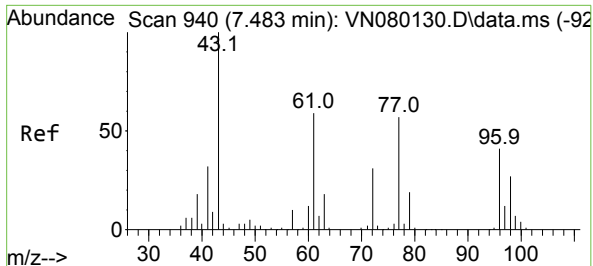
Tgt Ion: 43 Resp: 302107
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 17.233 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.012 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

Tgt Ion: 63 Resp: 72174
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 75.739 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

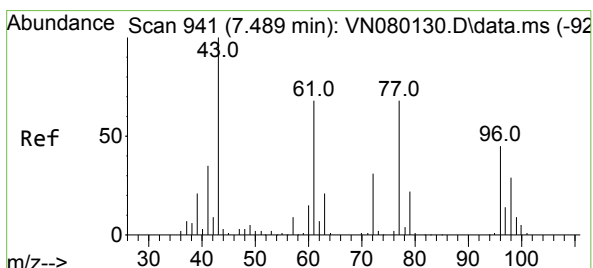
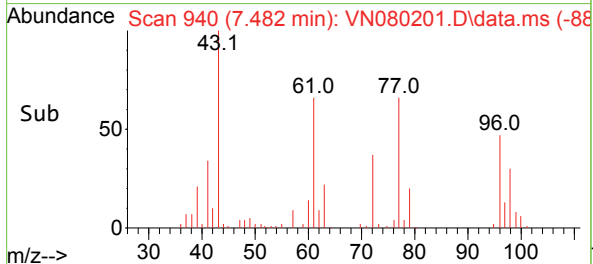
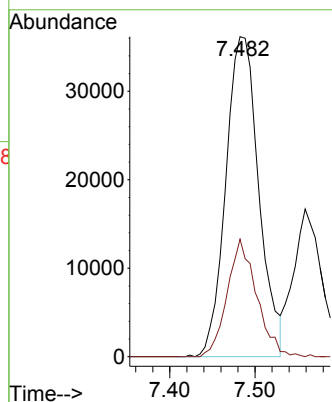
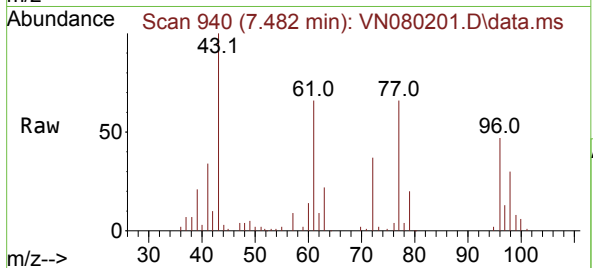
ClientSampleId :

Tgt Ion: 43 Resp: 97541

Ion Ratio Lower Upper

43 100

72 36.7 30.2 45.2



#26

2,2-Dichloropropane

Concen: 18.443 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080201.D

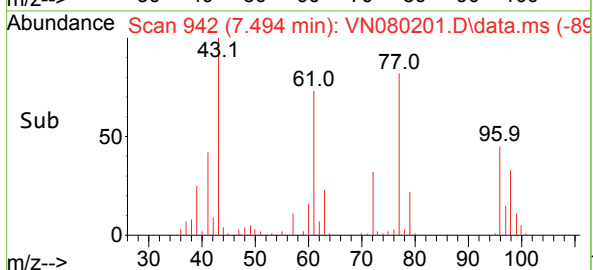
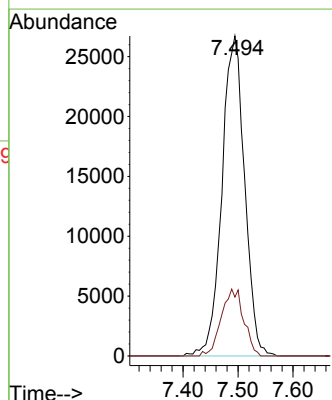
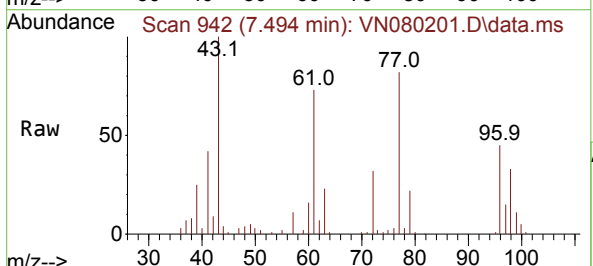
Acq: 20 Nov 2023 12:38

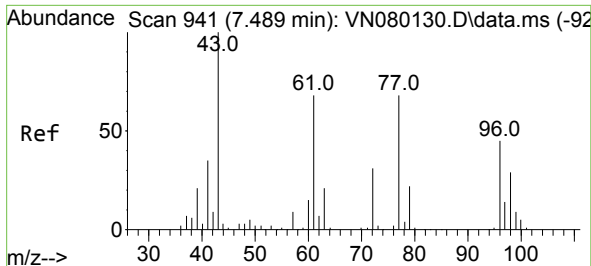
Tgt Ion: 77 Resp: 76634

Ion Ratio Lower Upper

77 100

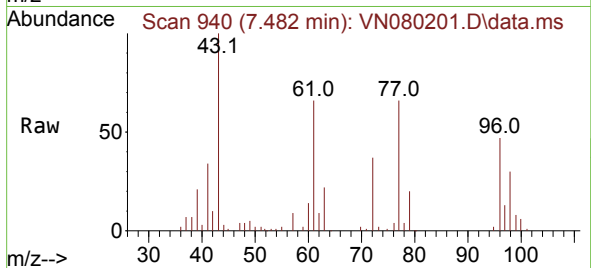
97 20.7 11.2 33.6





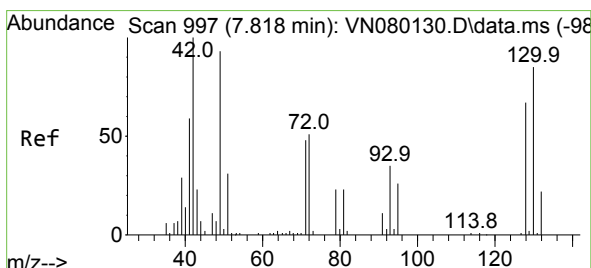
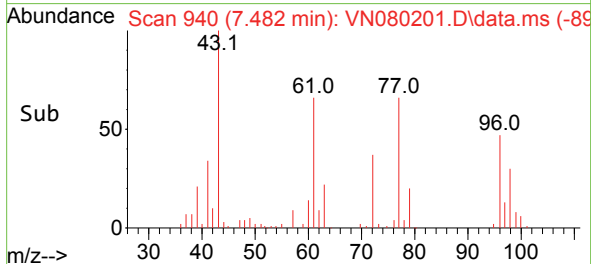
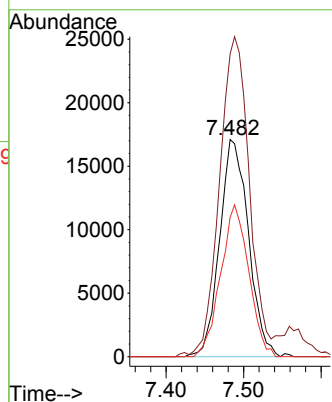
#27
 cis-1,2-Dichloroethene
 Concen: 17.158 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 44147

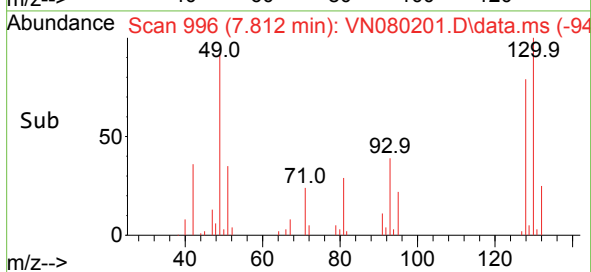
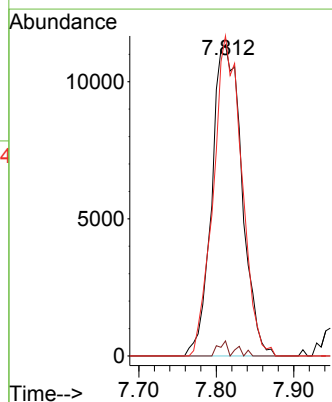
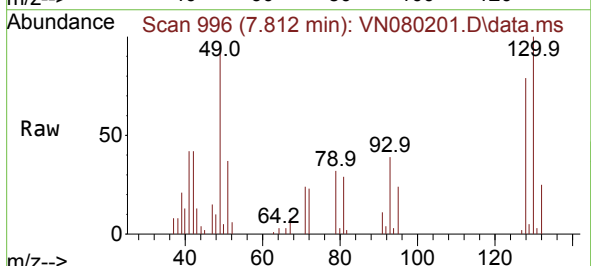
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	255.2
98	68.4	0.0	128.8



#28
 Bromochloromethane
 Concen: 18.545 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

Tgt Ion: 49 Resp: 30534

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	97.4	75.3	112.9





#29

Tetrahydrofuran

Concen: 84.685 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

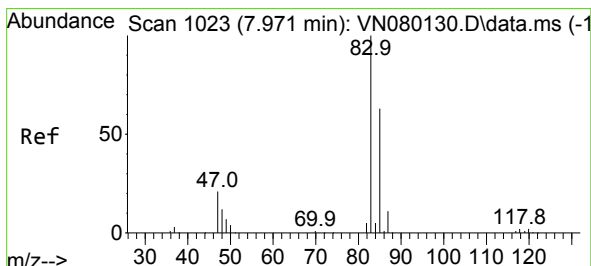
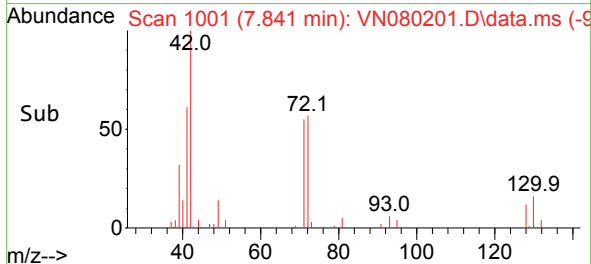
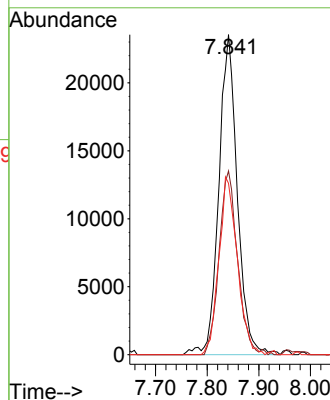
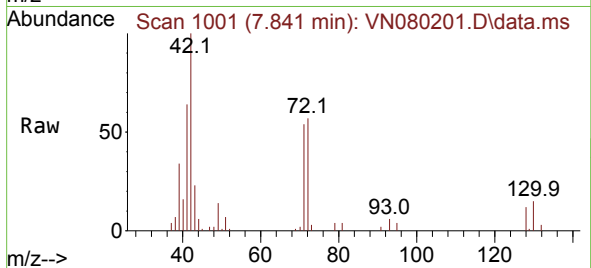
Tgt Ion: 42 Resp: 58553

Ion Ratio Lower Upper

42 100

72 57.4 49.8 74.6

71 55.4 47.4 71.2



#30

Chloroform

Concen: 19.173 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080201.D

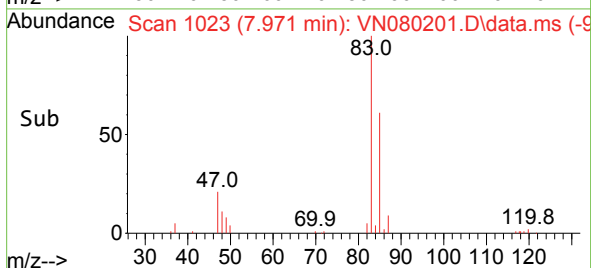
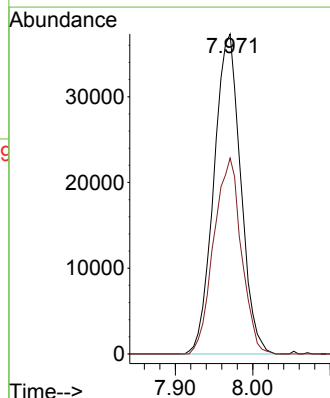
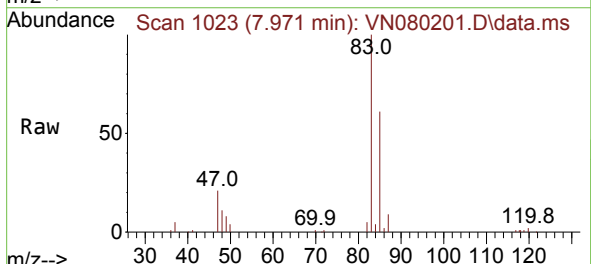
Acq: 20 Nov 2023 12:38

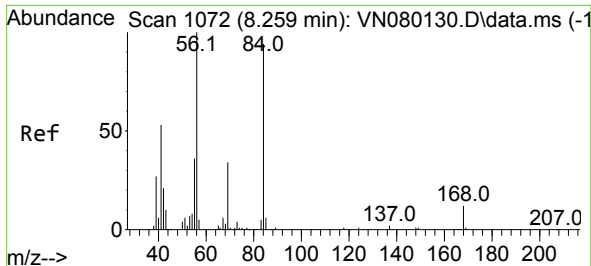
Tgt Ion: 83 Resp: 89750

Ion Ratio Lower Upper

83 100

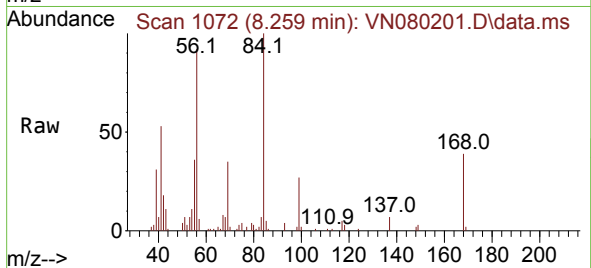
85 61.2 55.4 83.0



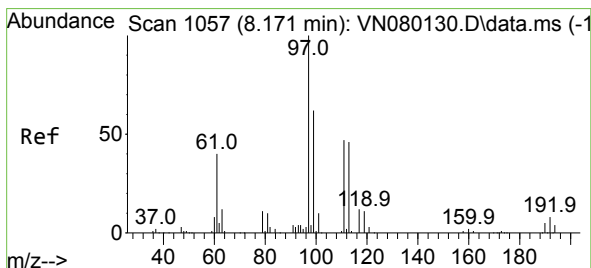
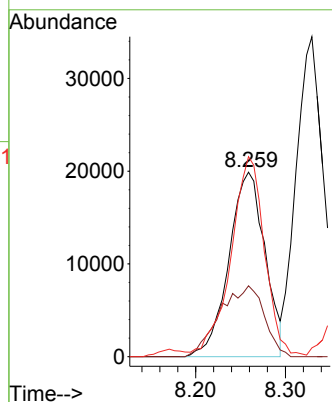
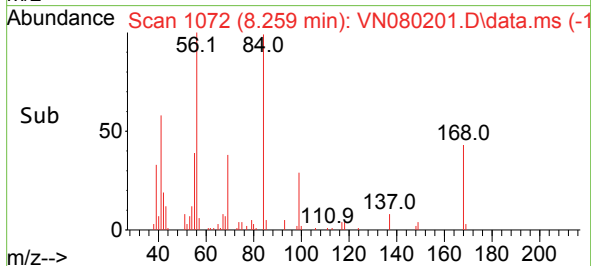


#31
Cyclohexane
Concen: 15.865 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

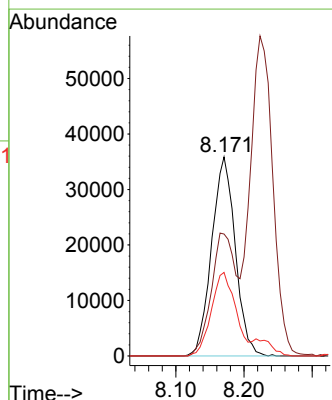
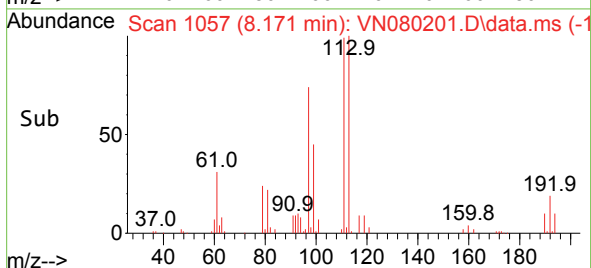
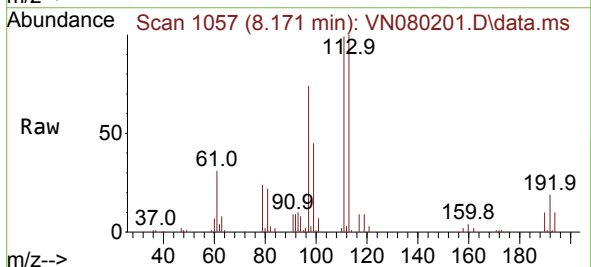


Tgt Ion: 56 Resp: 55681
Ion Ratio Lower Upper
56 100
69 38.4 26.8 40.2
84 105.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.955 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 97 Resp: 86532
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.587 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

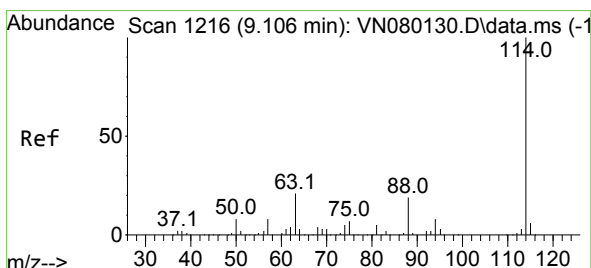
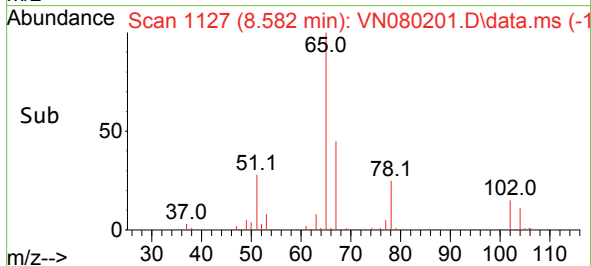
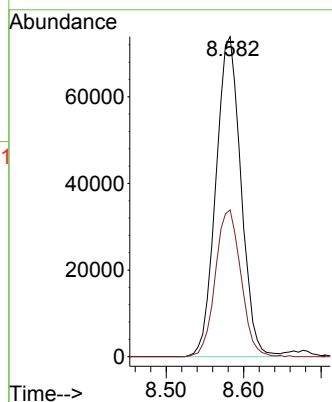
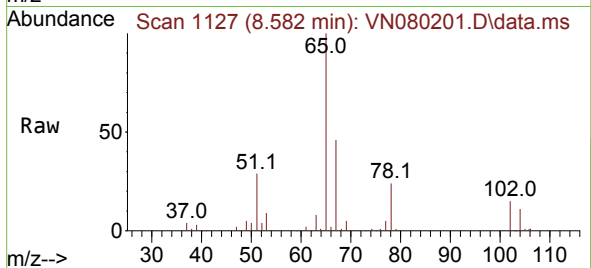
ClientSampleId :

Tgt Ion: 65 Resp: 166482

Ion Ratio Lower Upper

65 100

67 46.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

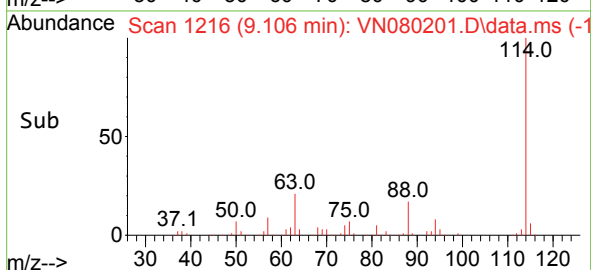
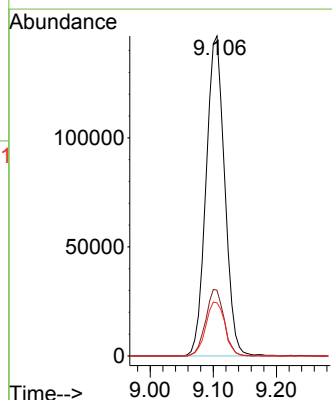
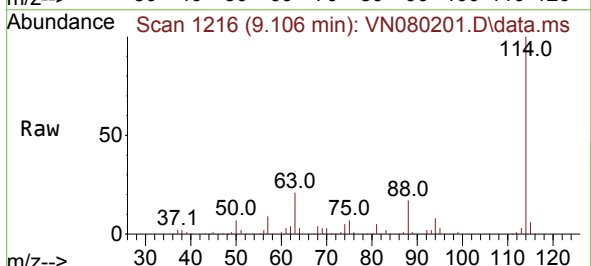
Tgt Ion:114 Resp: 300490

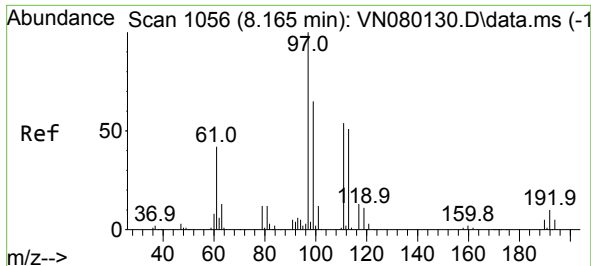
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.088 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

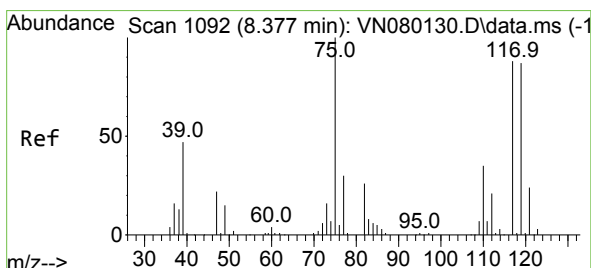
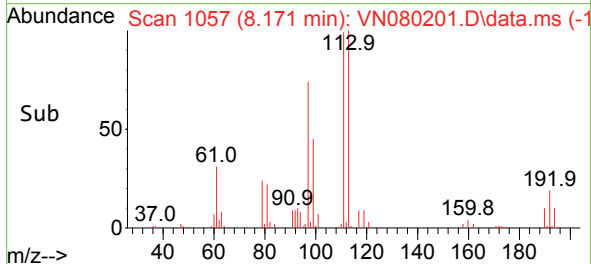
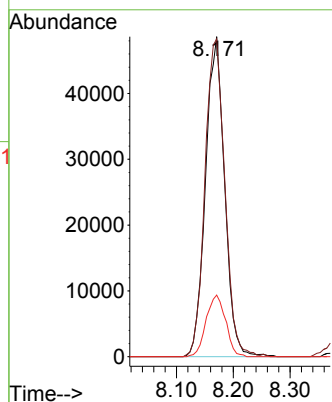
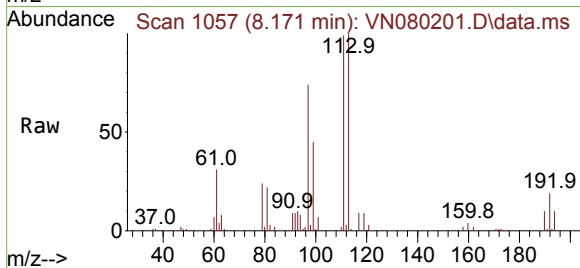
Tgt Ion:113 Resp: 113274

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 19.7 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 18.610 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

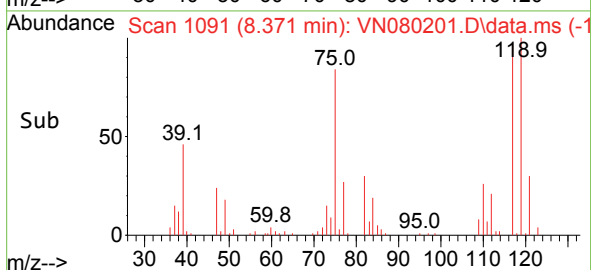
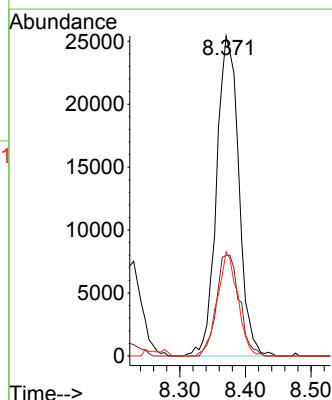
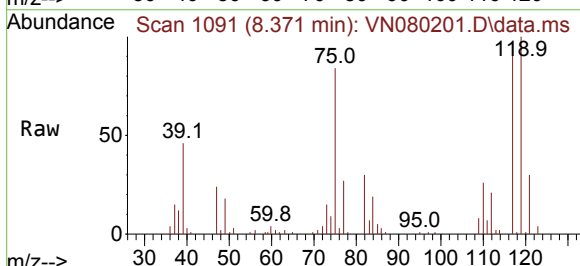
Tgt Ion: 75 Resp: 59739

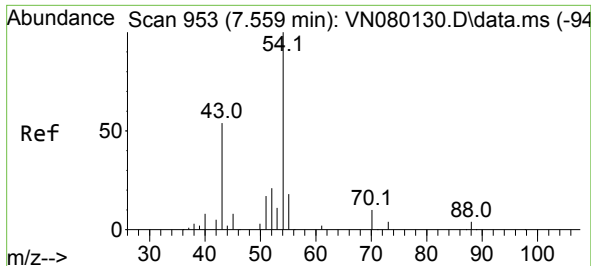
Ion Ratio Lower Upper

75 100

110 32.5 19.1 57.3

77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 17.786 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080201.D

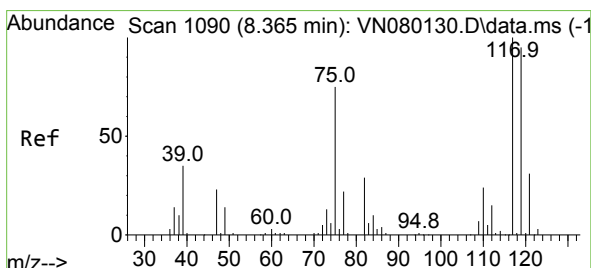
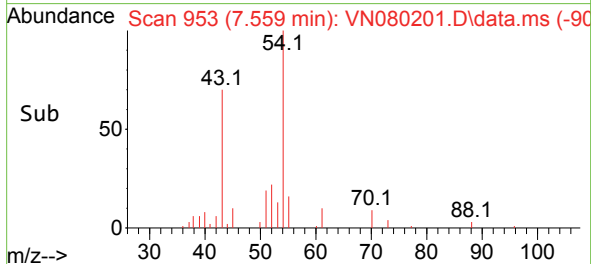
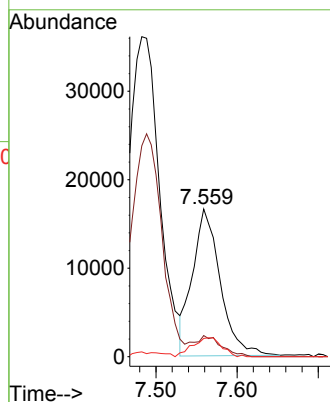
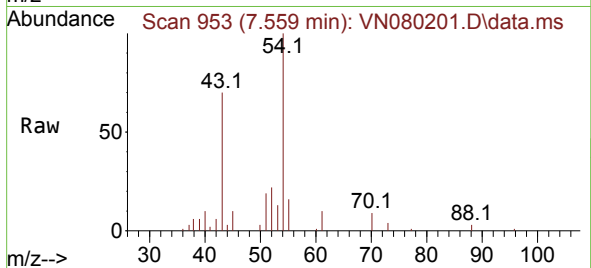
Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	39603
Ion	Ratio	Lower Upper
43	100	
61	11.6	13.2 19.8#
70	13.6	11.3 16.9



#38

Carbon Tetrachloride

Concen: 20.104 ug/l

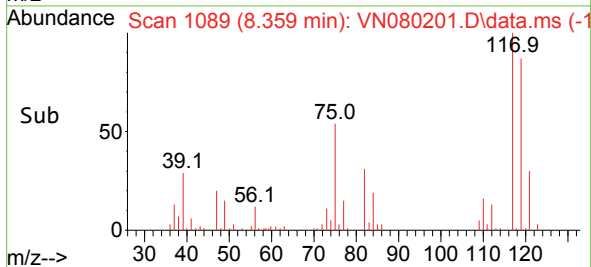
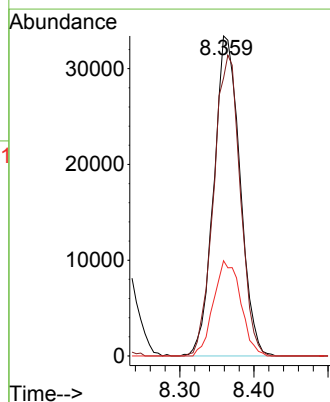
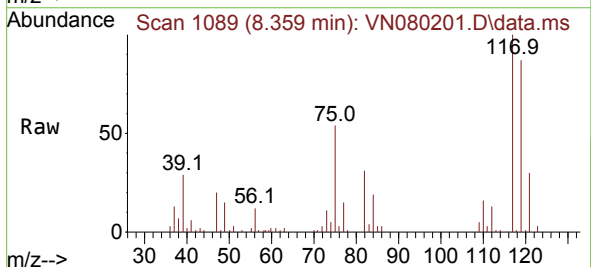
RT: 8.359 min Scan# 1089

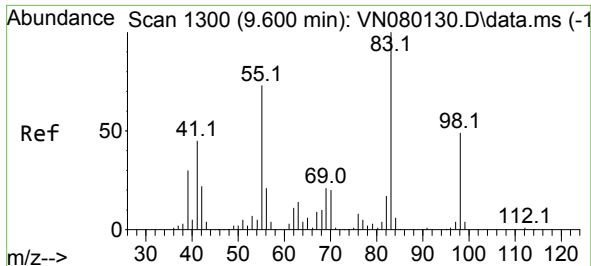
Delta R.T. -0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion: 117	Resp:	81896
Ion	Ratio	Lower Upper
117	100	
119	86.8	77.3 115.9
121	29.8	23.3 34.9





#39

Methylcyclohexane

Concen: 16.937 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

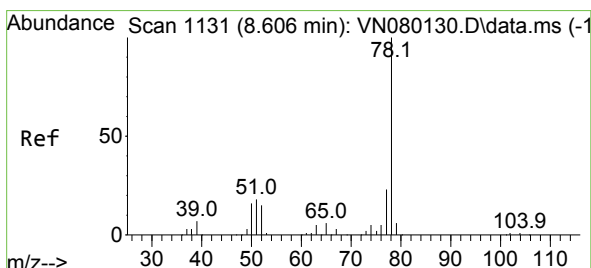
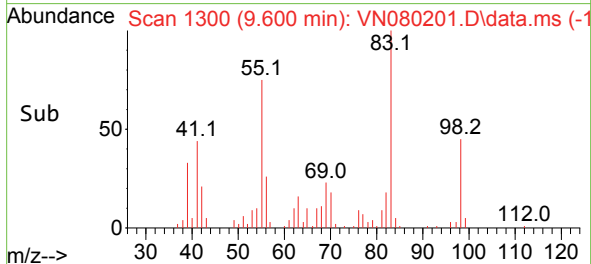
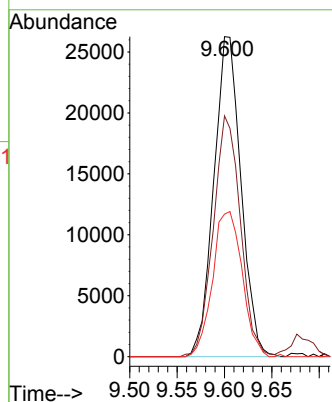
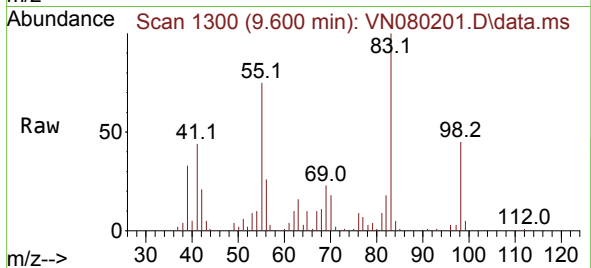
Tgt Ion: 83 Resp: 52422

Ion Ratio Lower Upper

83 100

55 75.3 49.1 73.7#

98 44.5 40.6 61.0



#40

Benzene

Concen: 18.242 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080201.D

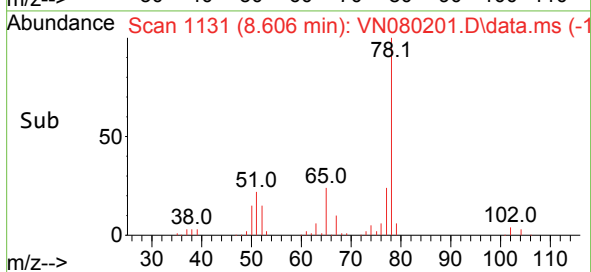
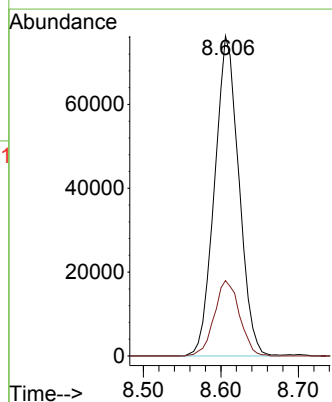
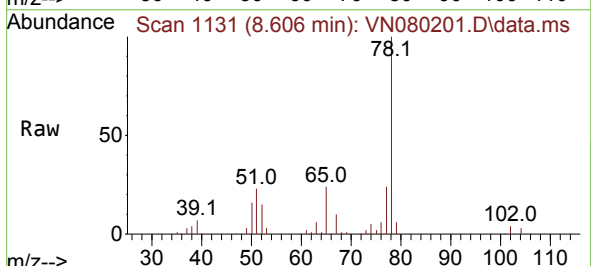
Acq: 20 Nov 2023 12:38

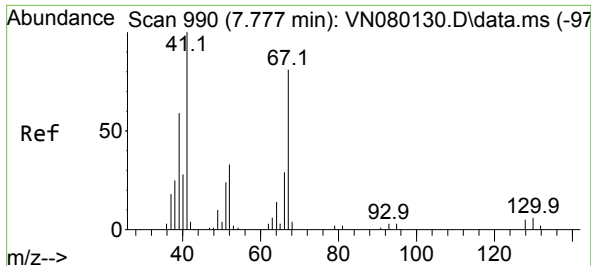
Tgt Ion: 78 Resp: 166427

Ion Ratio Lower Upper

78 100

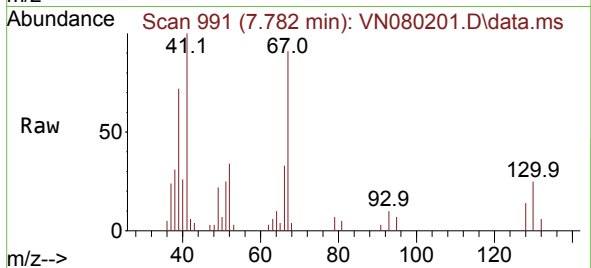
77 23.5 19.0 28.6



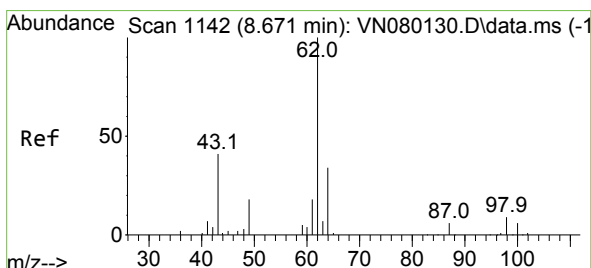
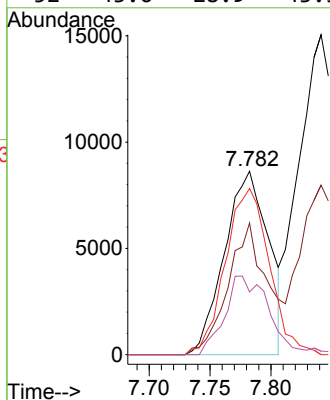
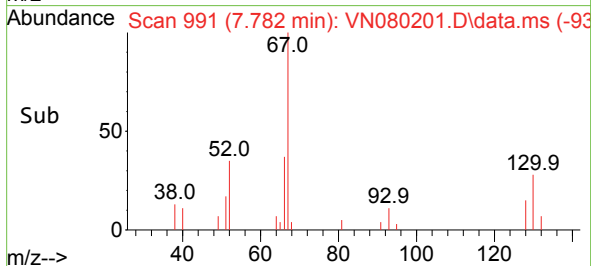


#41
Methacrylonitrile
Concen: 17.693 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :

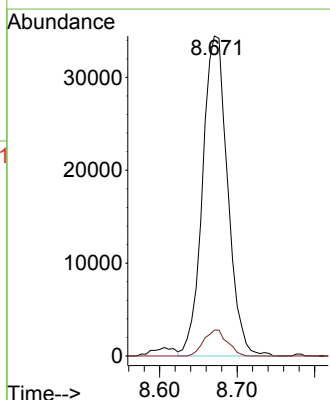
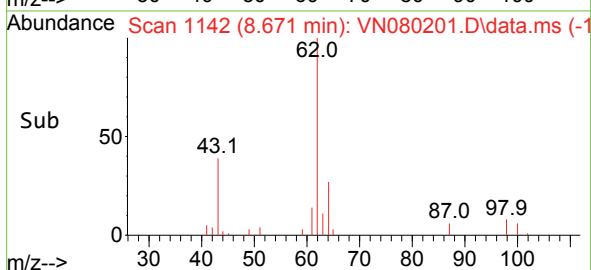
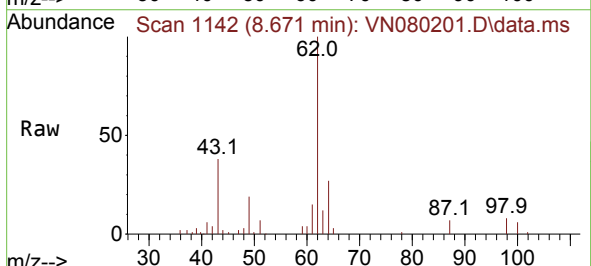


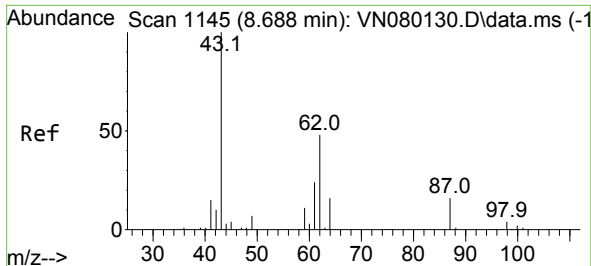
Tgt Ion: 41 Resp: 21635
Ion Ratio Lower Upper
41 100
39 65.9 42.6 64.0#
67 90.7 77.5 116.3
52 43.6 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 20.757 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 62 Resp: 77479
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.8

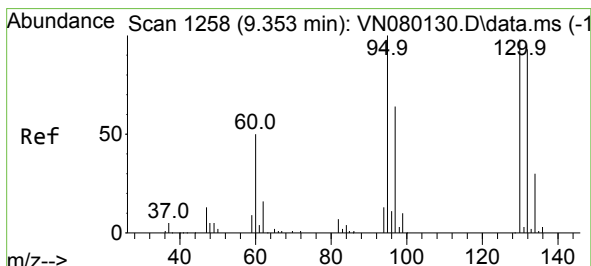
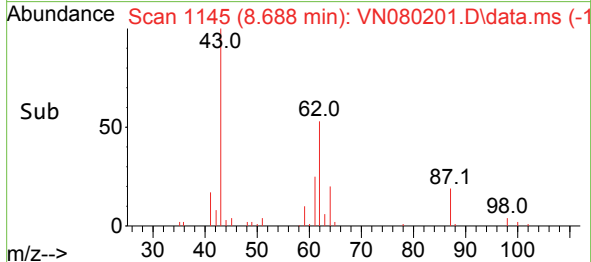
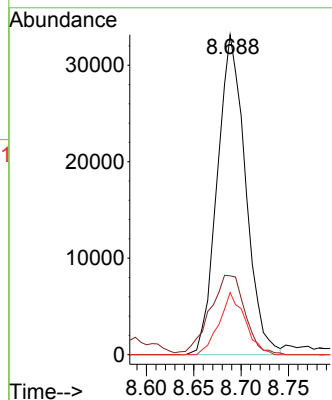
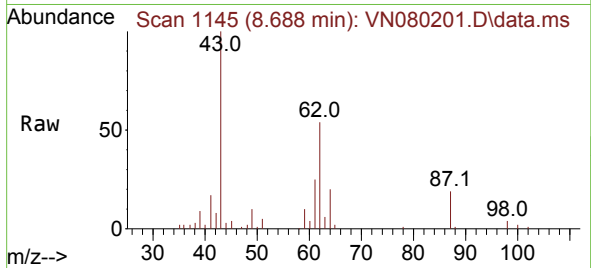




#43
Isopropyl Acetate
Concen: 15.859 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

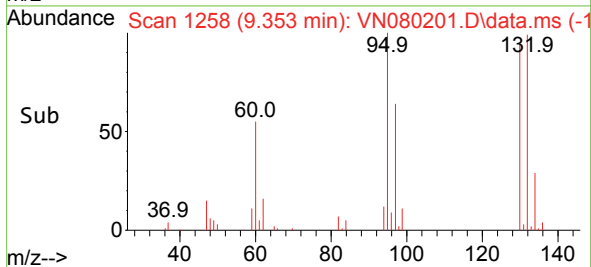
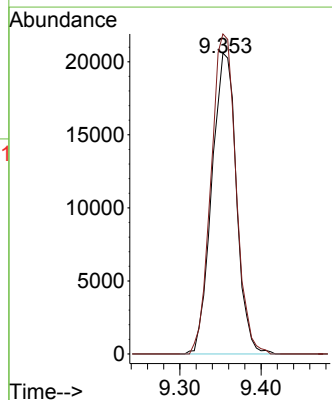
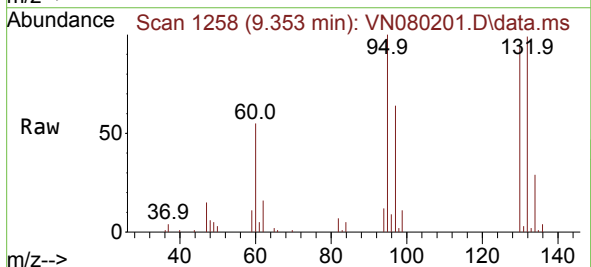
Instrument :
MSVOA_N
ClientSampleId :

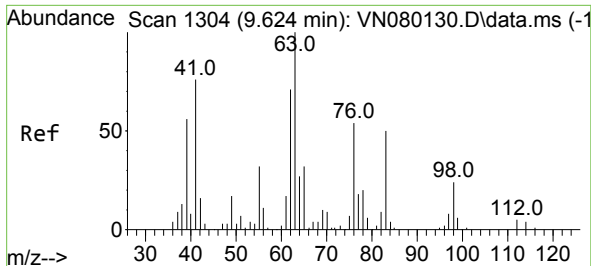
Tgt Ion: 43 Resp: 68715
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 17.8 14.6 21.8



#44
Trichloroethene
Concen: 18.112 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:130 Resp: 43346
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.908 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

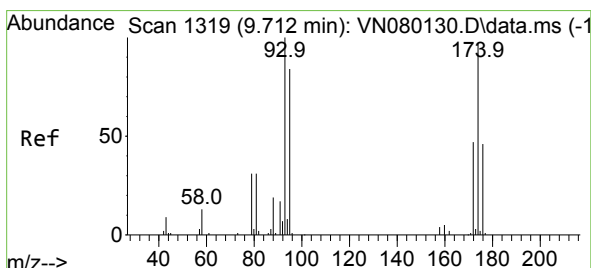
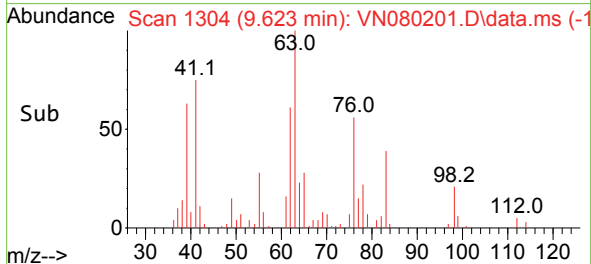
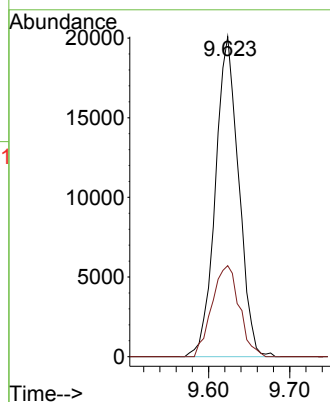
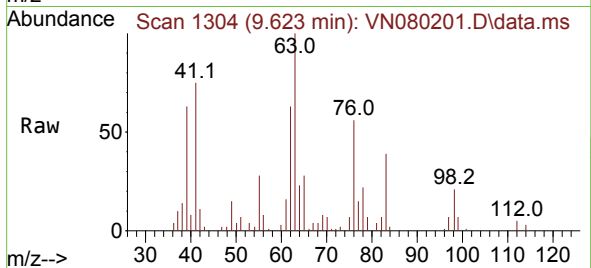
ClientSampleId :

Tgt Ion: 63 Resp: 40090

Ion Ratio Lower Upper

63 100

65 28.4 23.9 35.9



#46

Dibromomethane

Concen: 19.636 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

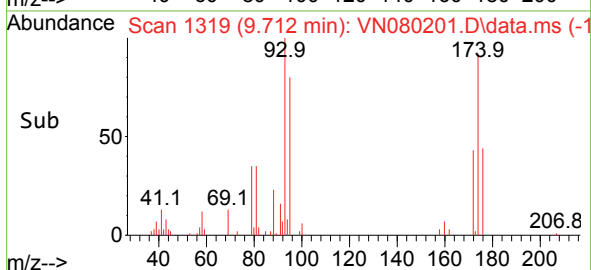
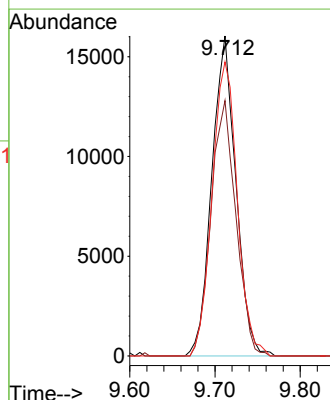
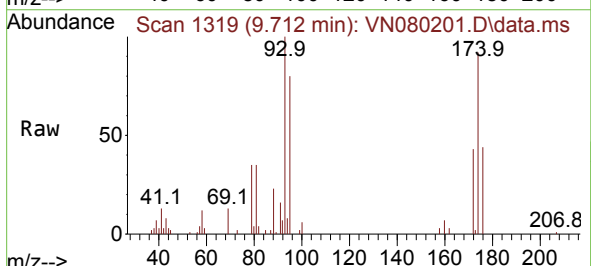
Tgt Ion: 93 Resp: 31514

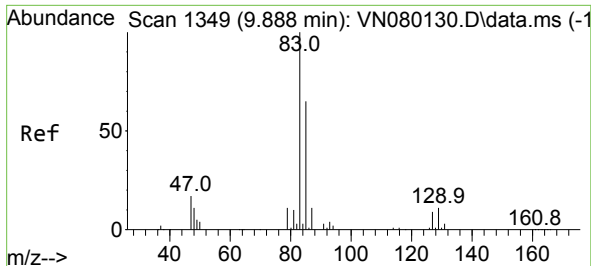
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 96.1 65.6 98.4

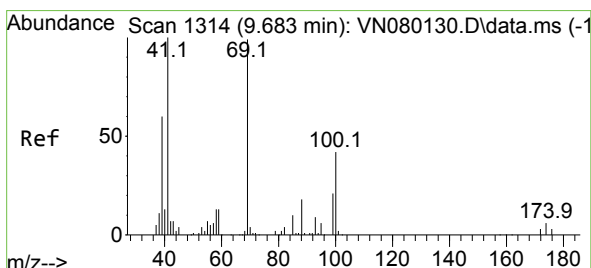
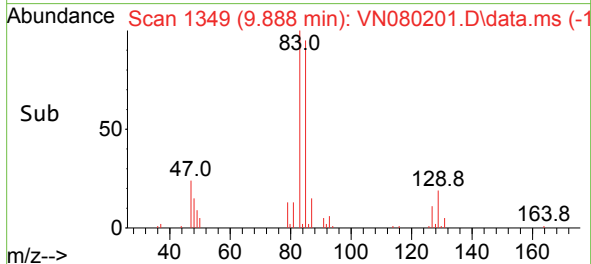
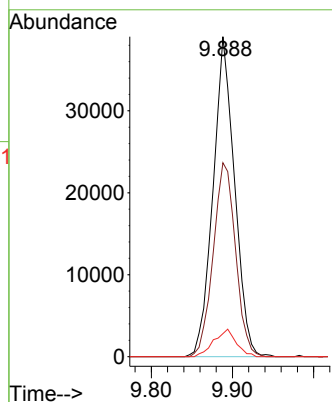
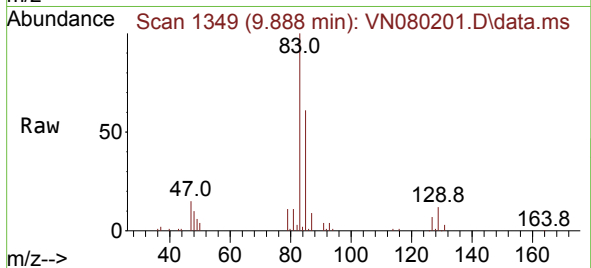




#47
Bromodichloromethane
Concen: 20.365 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

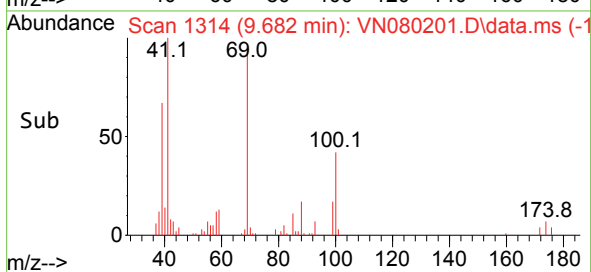
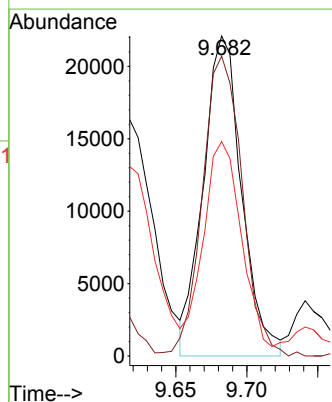
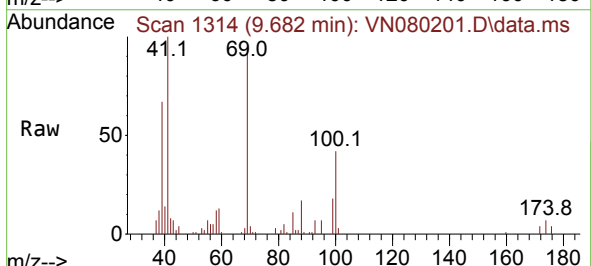
Instrument :
MSVOA_N
ClientSampleId :

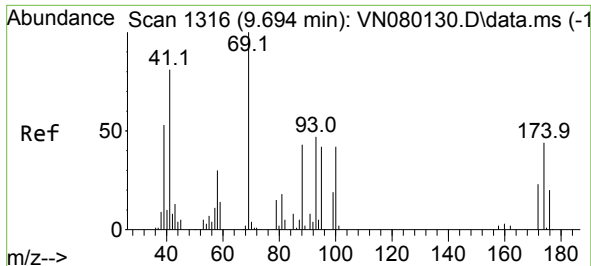
Tgt Ion: 83 Resp: 71896
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4
127 7.2 7.0 10.6



#48
Methyl methacrylate
Concen: 18.629 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 41 Resp: 41597
Ion Ratio Lower Upper
41 100
69 96.9 90.4 135.6
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 353.506 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

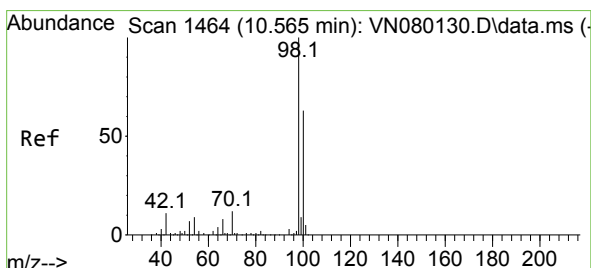
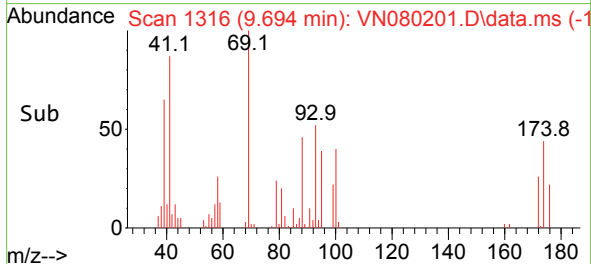
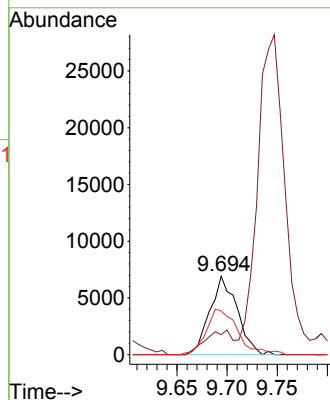
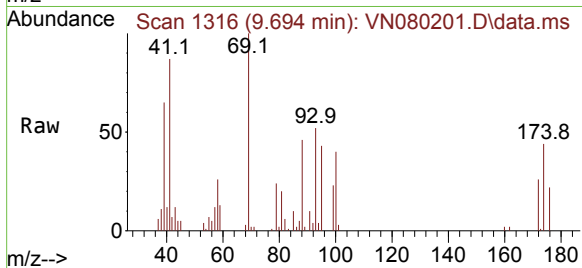
Tgt Ion: 88 Resp: 13132

Ion Ratio Lower Upper

88 100

43 29.5 17.0 25.6#

58 66.8 47.0 70.4



#50

Toluene-d8

Concen: 50.442 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080201.D

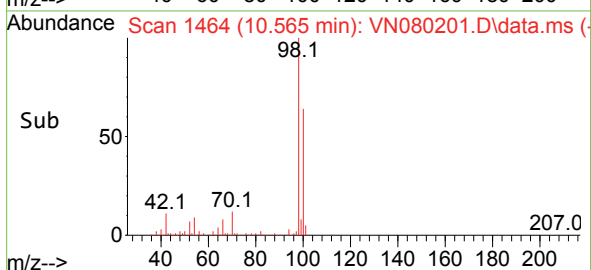
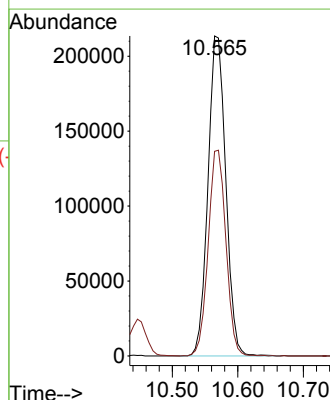
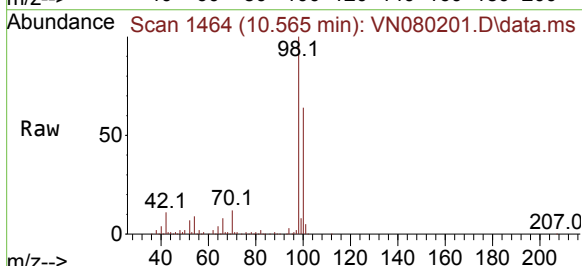
Acq: 20 Nov 2023 12:38

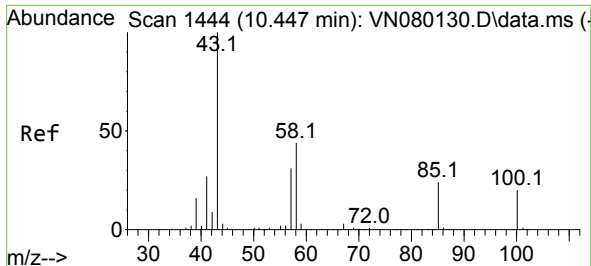
Tgt Ion: 98 Resp: 403161

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

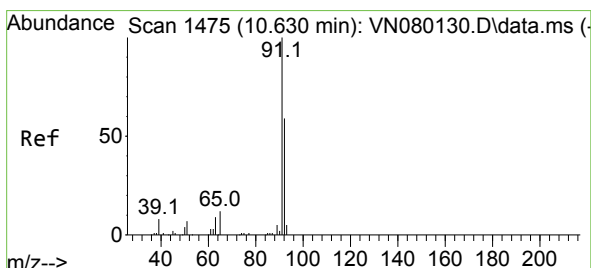
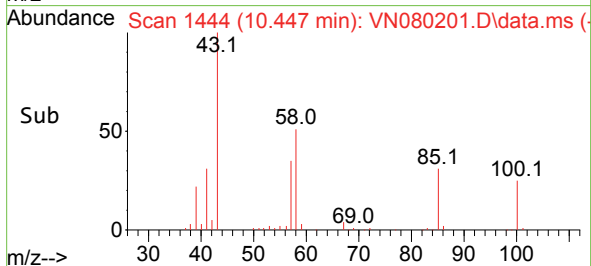
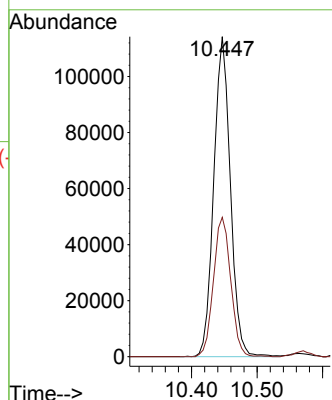
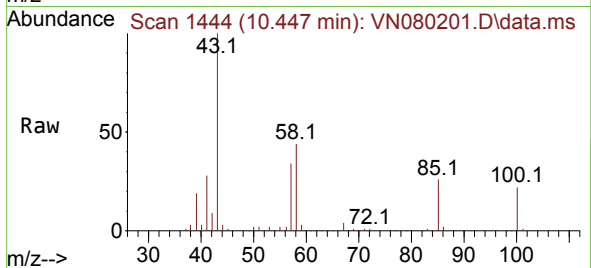




#51
4-Methyl-2-Pentanone
Concen: 89.382 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

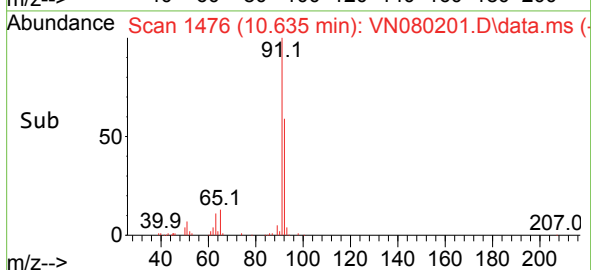
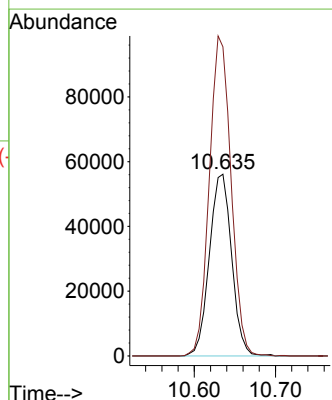
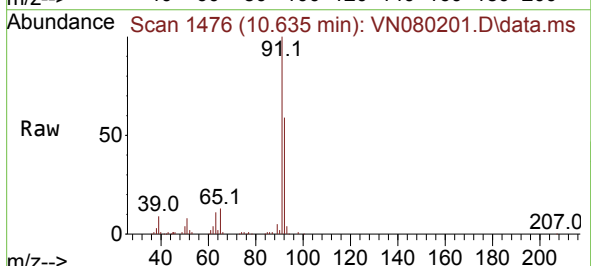
Instrument :
MSVOA_N
ClientSampleId :

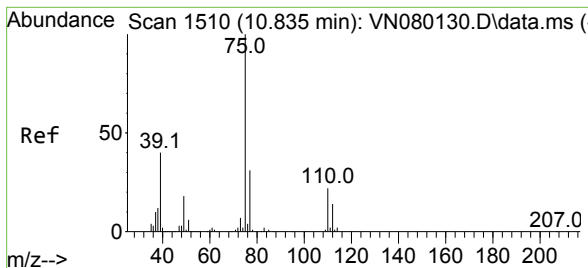
Tgt Ion: 43 Resp: 200509
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8



#52
Toluene
Concen: 18.722 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 92 Resp: 106899
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

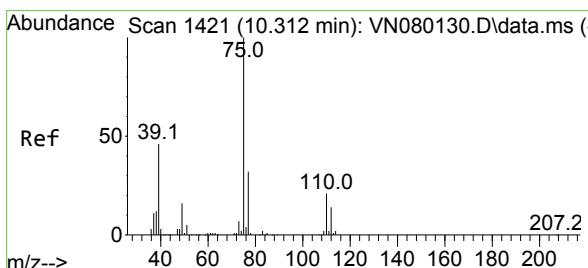
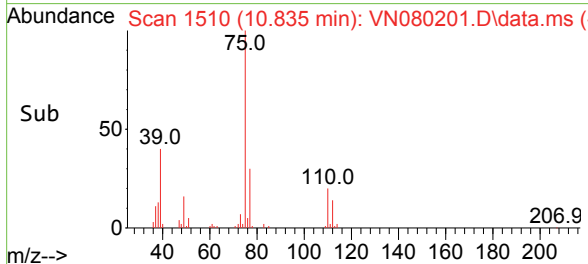
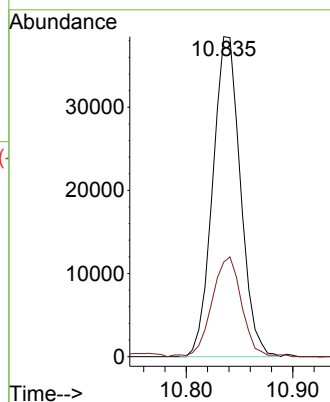
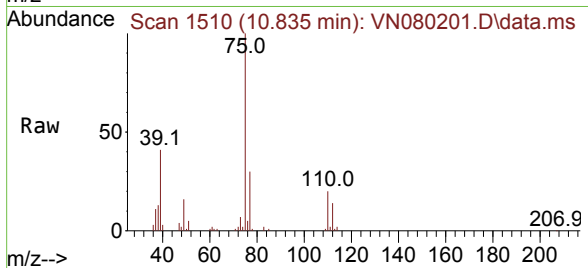




#53
 t-1,3-Dichloropropene
 Concen: 19.142 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

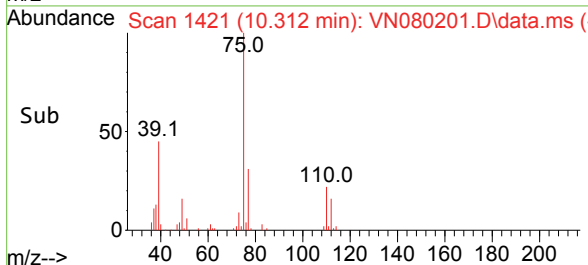
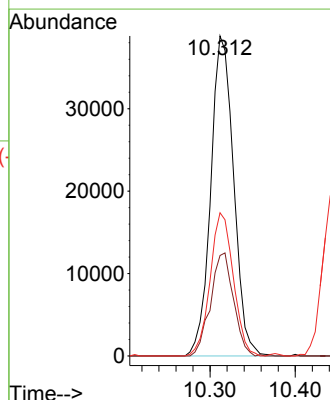
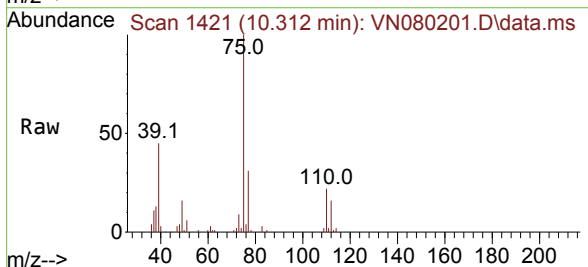
Instrument :
 MSVOA_N
 ClientSampleId :

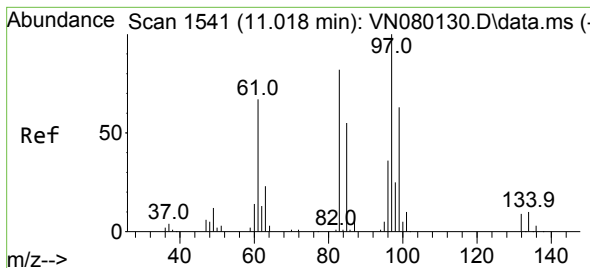
Tgt Ion: 75 Resp: 69431
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.596 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

Tgt Ion: 75 Resp: 72617
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 44.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.184 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 41805

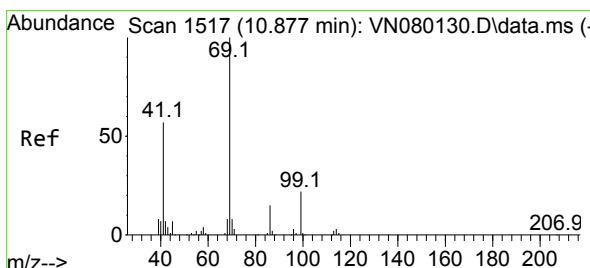
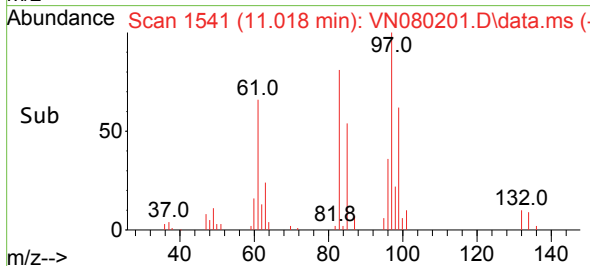
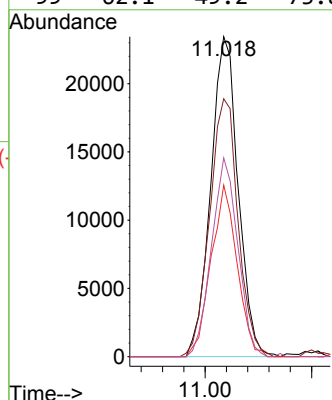
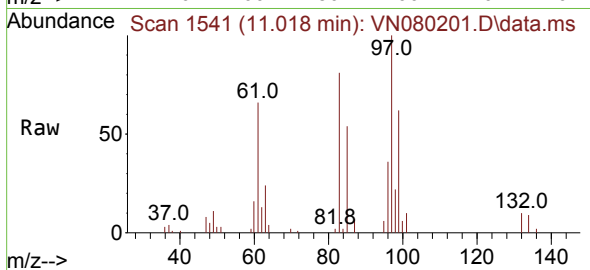
Ion Ratio Lower Upper

97 100

83 80.6 65.1 97.7

85 53.6 43.4 65.2

99 62.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.674 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

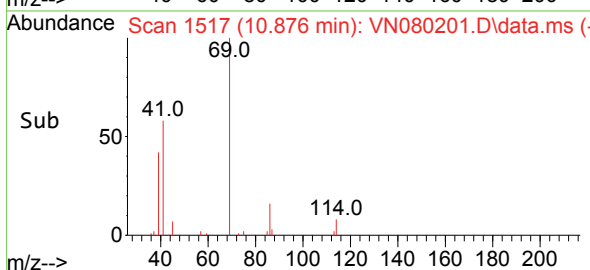
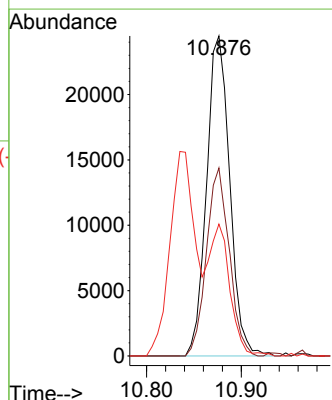
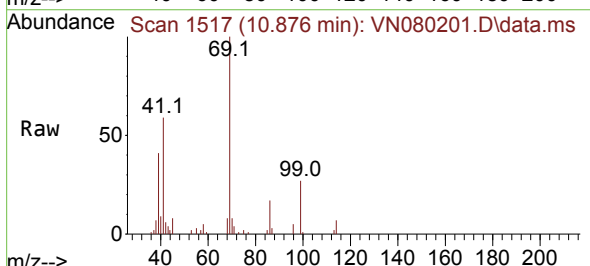
Tgt Ion: 69 Resp: 41574

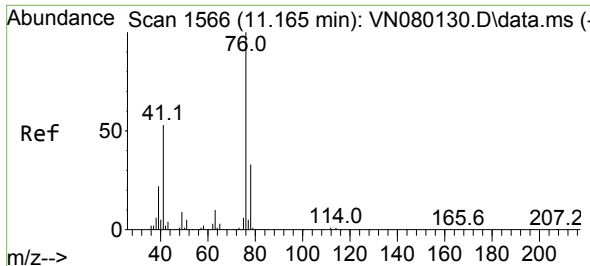
Ion Ratio Lower Upper

69 100

41 57.9 39.6 59.4

39 38.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.190 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

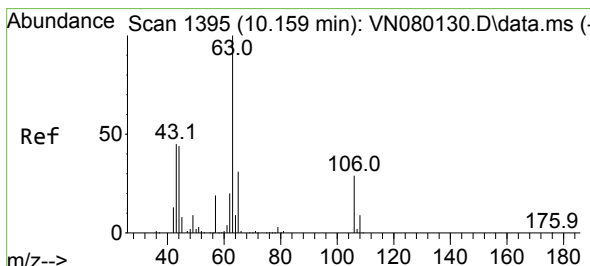
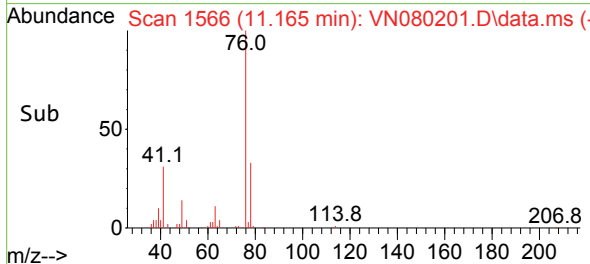
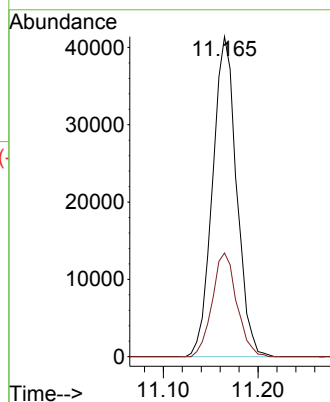
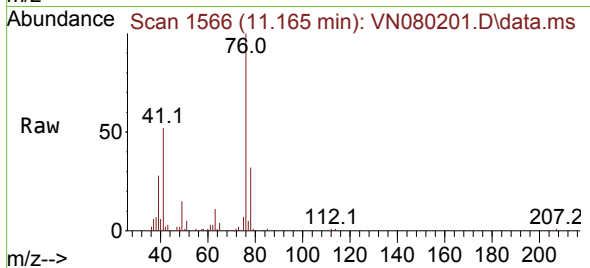
ClientSampleId :

Tgt Ion: 76 Resp: 73014

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.883 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080201.D

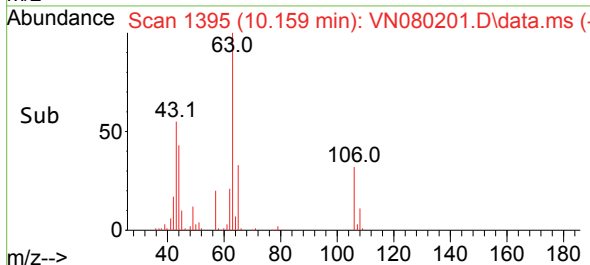
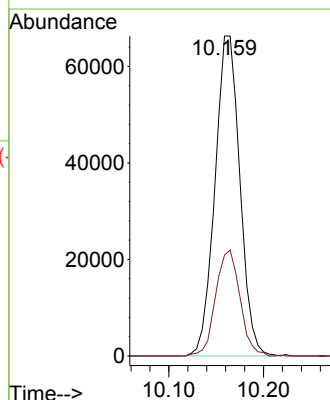
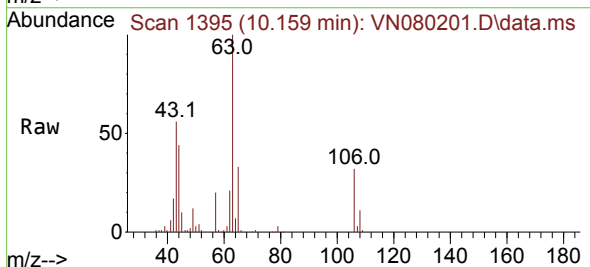
Acq: 20 Nov 2023 12:38

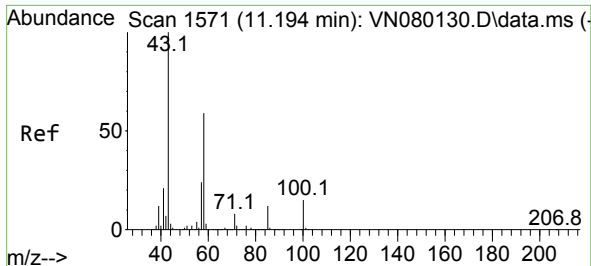
Tgt Ion: 63 Resp: 121511

Ion Ratio Lower Upper

63 100

106 32.2 26.2 39.4

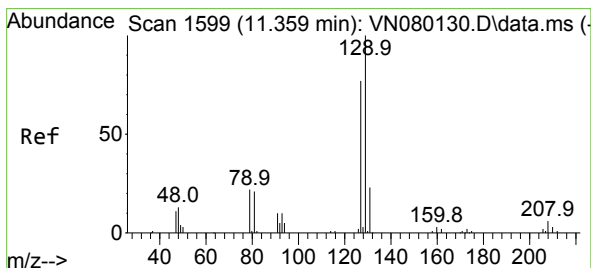
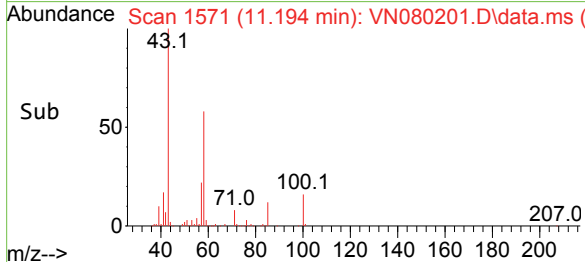
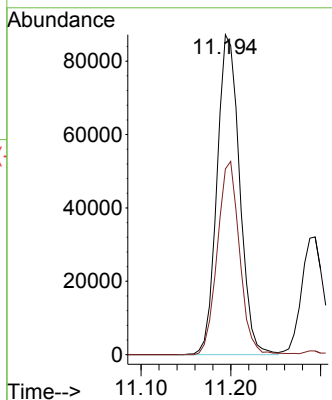
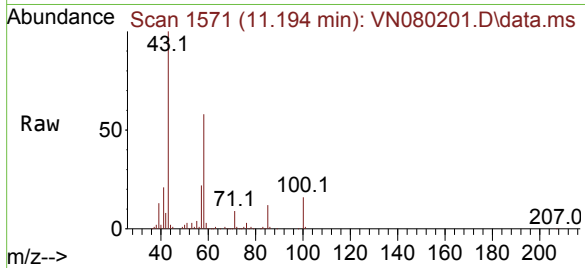




#59
2-Hexanone
Concen: 84.575 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

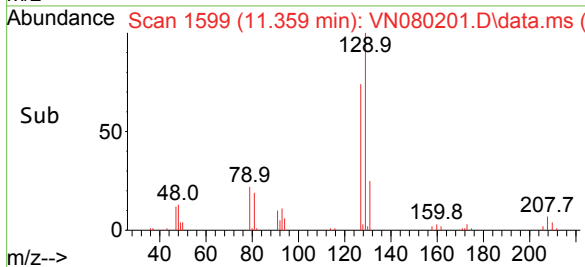
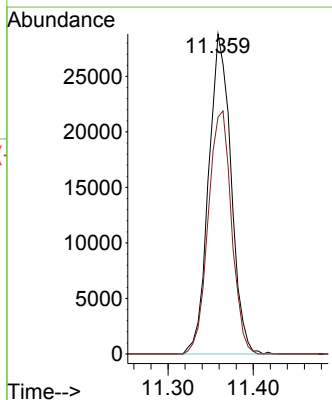
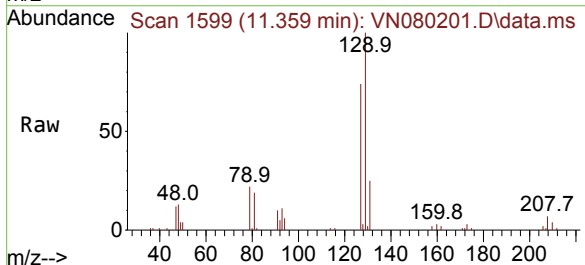
Instrument :
MSVOA_N
ClientSampleId :

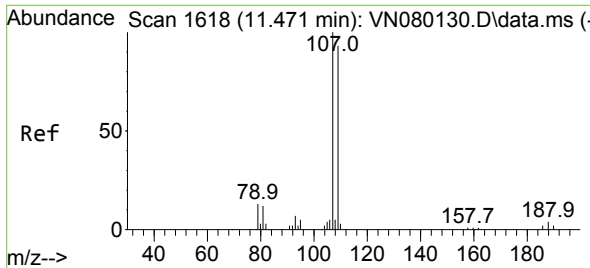
Tgt Ion: 43 Resp: 152456
Ion Ratio Lower Upper
43 100
58 59.4 31.7 95.1



#60
Dibromochloromethane
Concen: 20.155 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:129 Resp: 52583
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

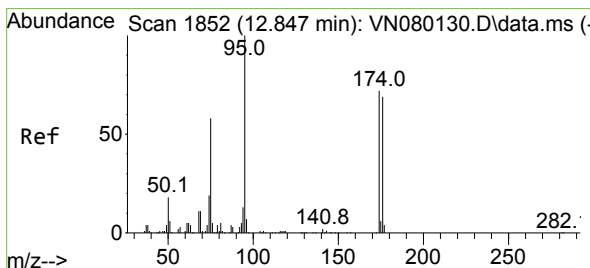
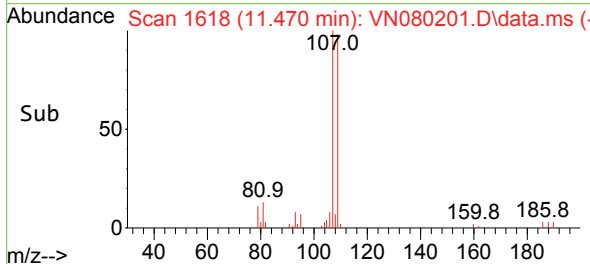
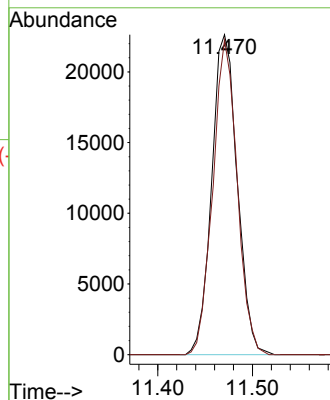
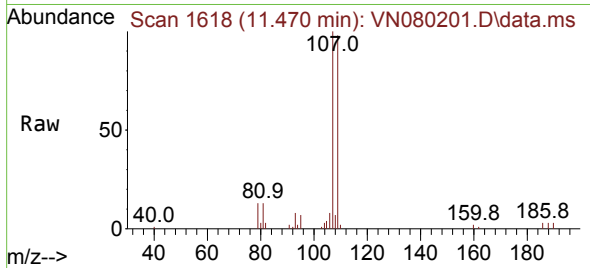




#61
1,2-Dibromoethane
Concen: 19.094 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

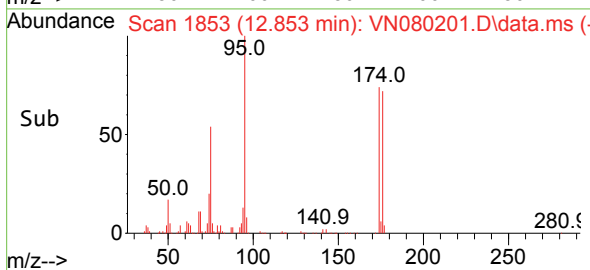
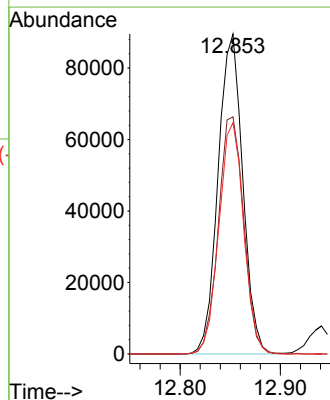
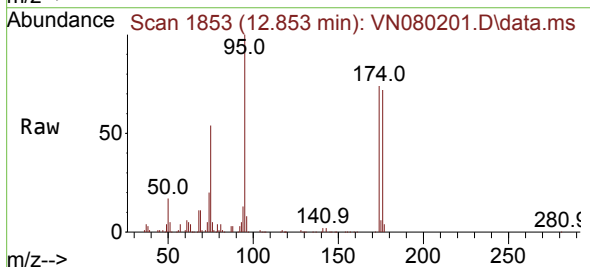
Instrument :
MSVOA_N
ClientSampleId :

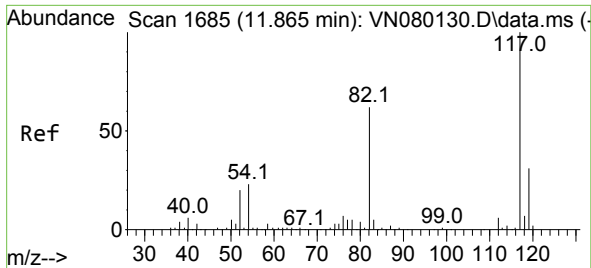
Tgt Ion:107 Resp: 42449
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.582 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 95 Resp: 152705
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.8 0.0 135.8

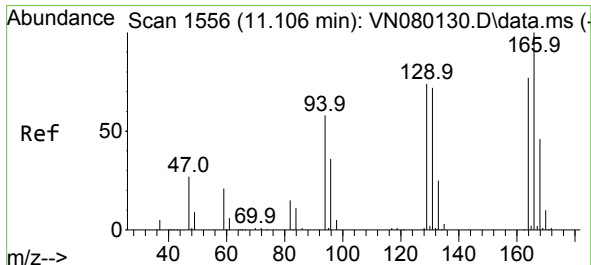
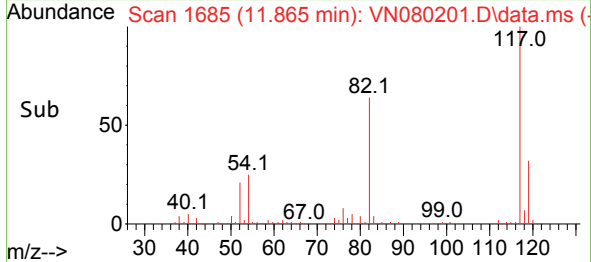
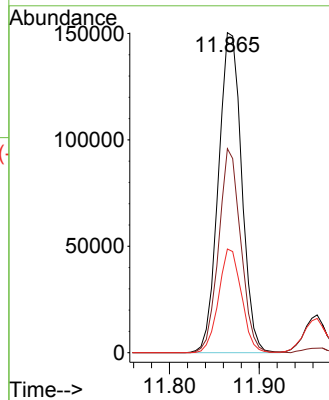
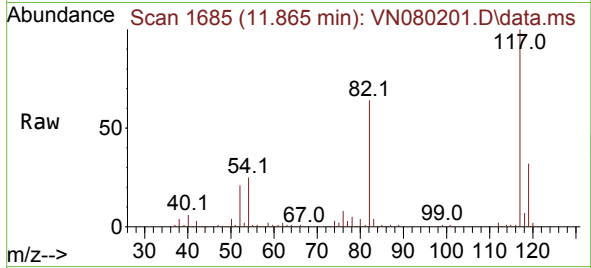




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

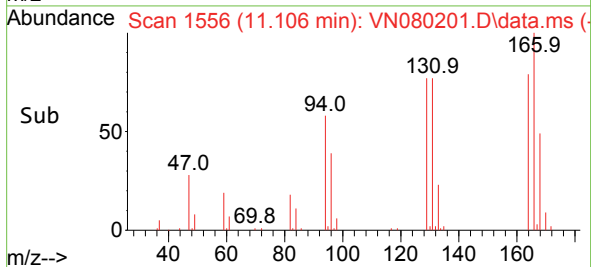
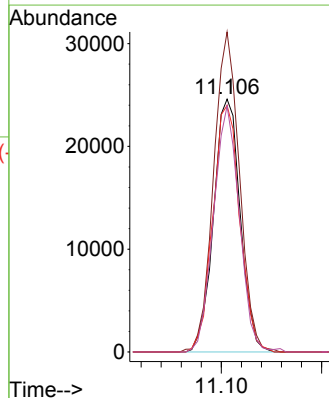
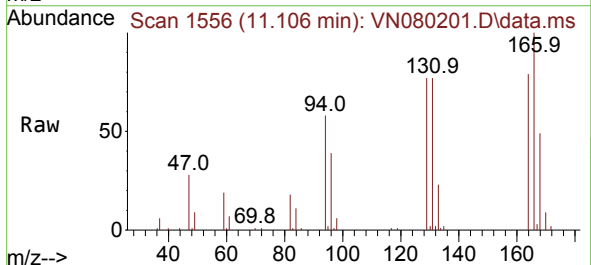
Instrument :
MSVOA_N
ClientSampleId :

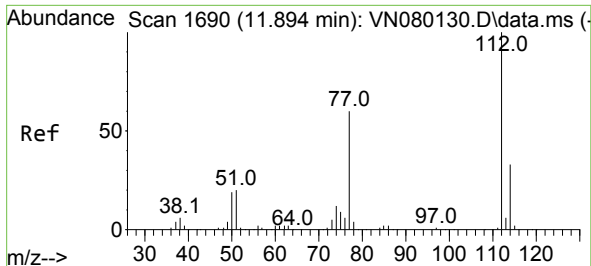
Tgt Ion:117 Resp: 270960
Ion Ratio Lower Upper
117 100
82 63.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 21.919 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:164 Resp: 45325
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 97.6 82.4 123.6
131 97.3 78.2 117.4

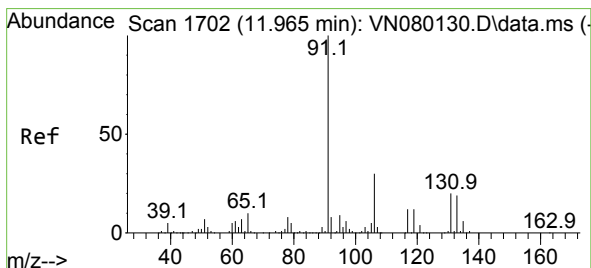
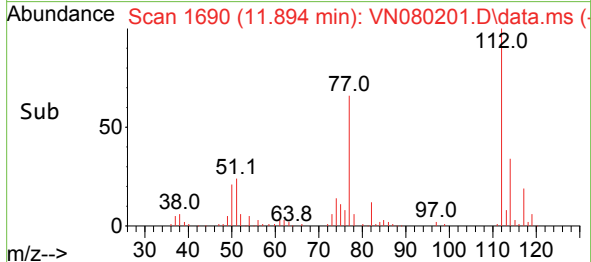
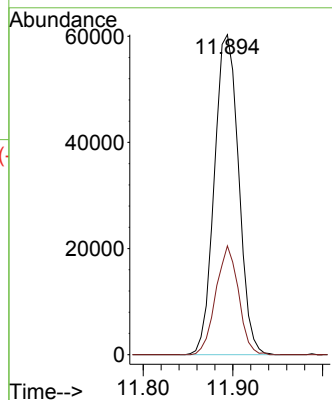
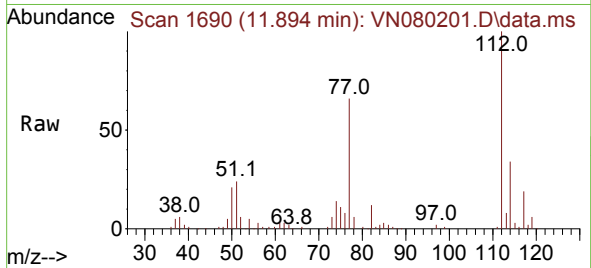




#65
Chlorobenzene
Concen: 18.431 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

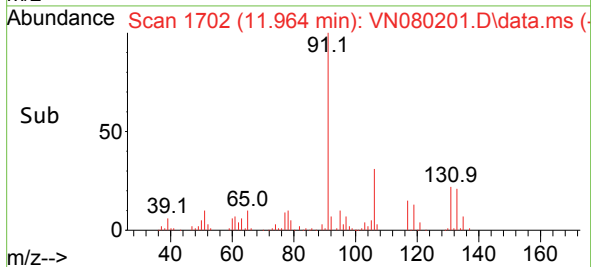
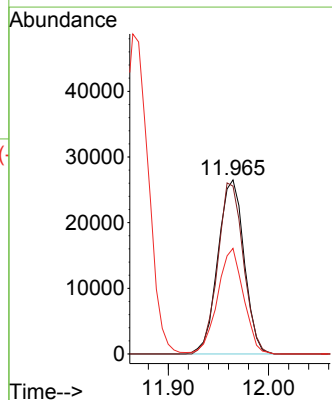
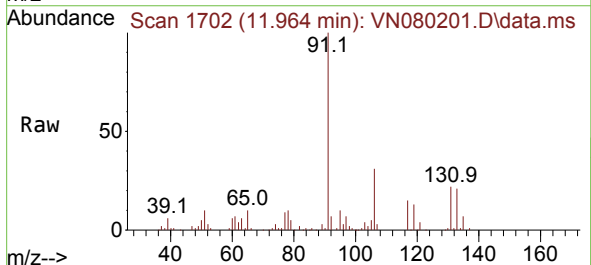
Instrument :
MSVOA_N
ClientSampleId :

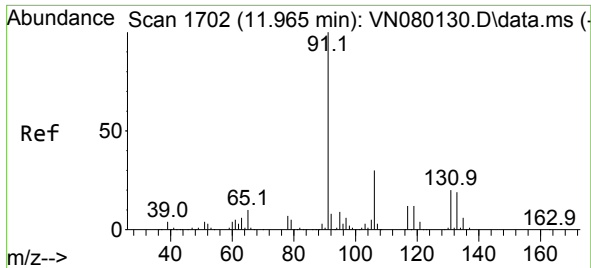
Tgt Ion:112 Resp: 113164
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.214 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:131 Resp: 48162
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 60.4 34.1 102.2

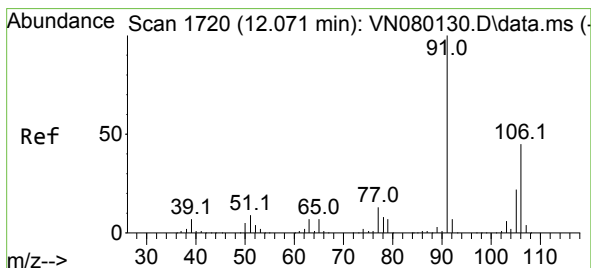
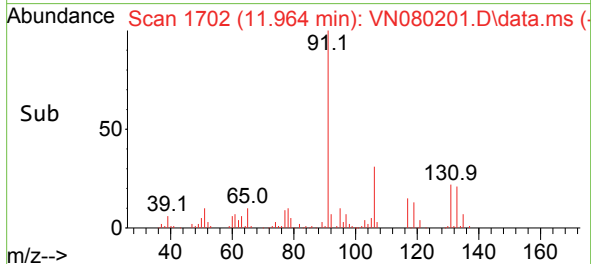
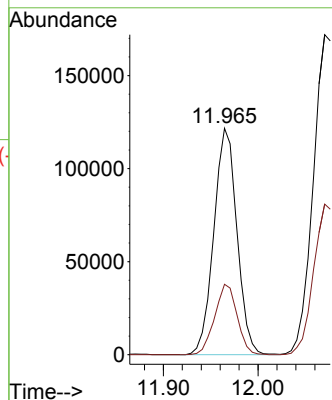
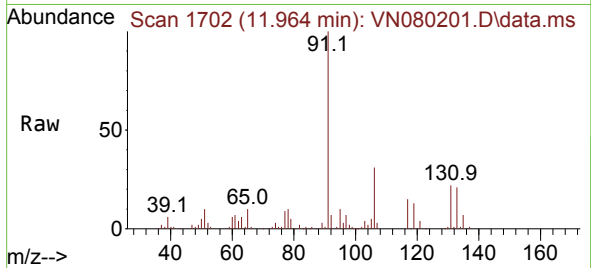




#67
Ethyl Benzene
Concen: 18.898 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

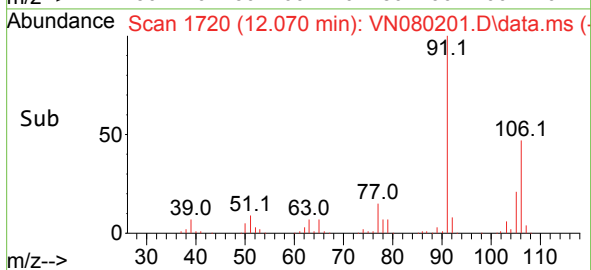
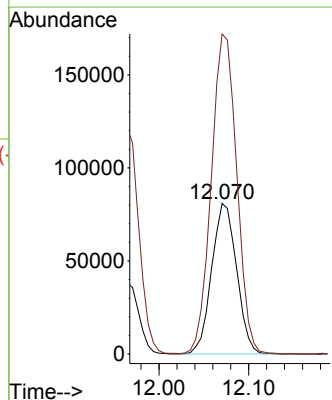
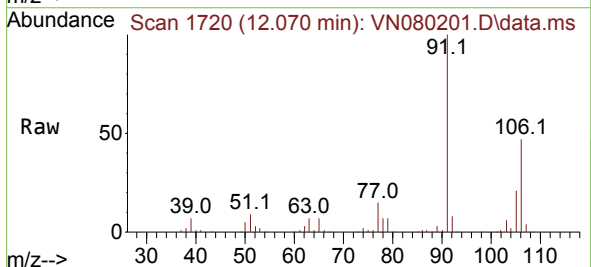
Instrument :
MSVOA_N
ClientSampleId :

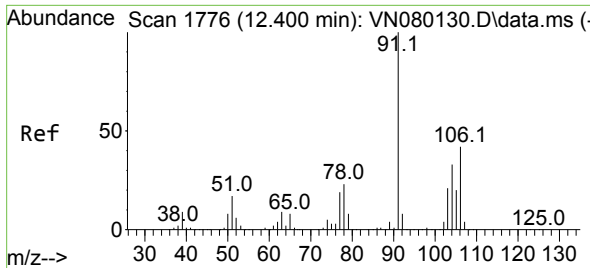
Tgt Ion: 91 Resp: 206468
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 39.166 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:106 Resp: 156015
Ion Ratio Lower Upper
106 100
91 217.3 159.6 239.4

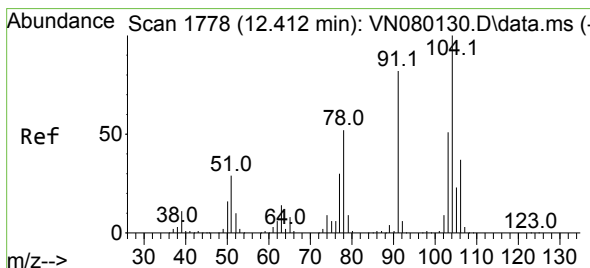
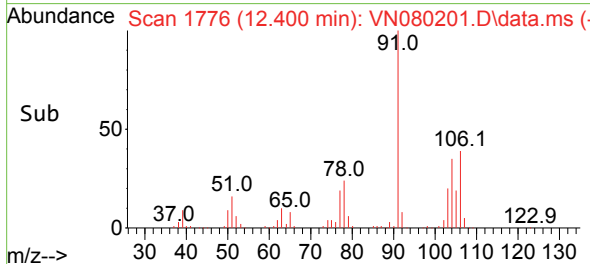
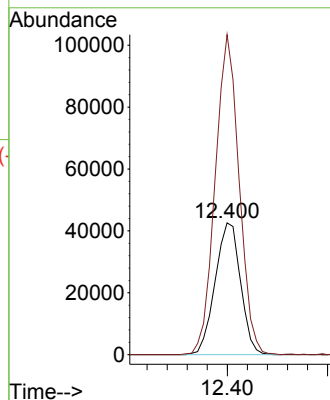
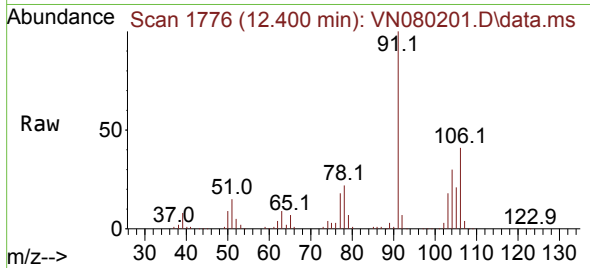




#69
o-Xylene
Concen: 19.928 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

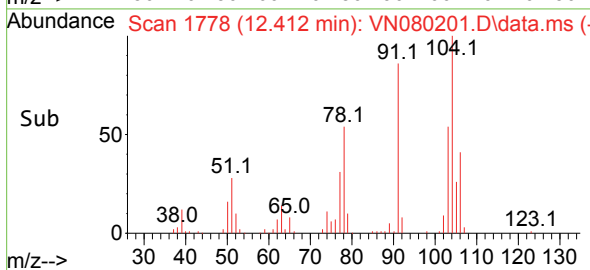
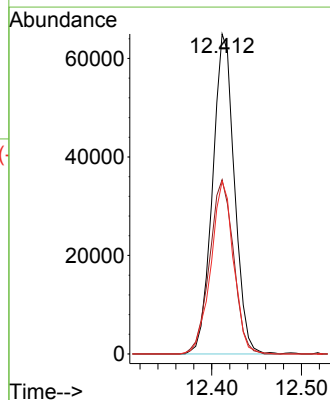
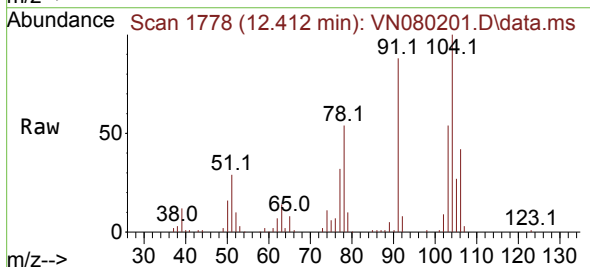
Instrument :
MSVOA_N
ClientSampleId :

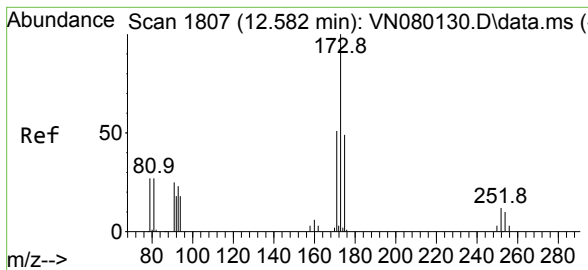
Tgt Ion:106 Resp: 74812
Ion Ratio Lower Upper
106 100
91 228.9 105.2 315.5



#70
Styrene
Concen: 19.678 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion:104 Resp: 109952
Ion Ratio Lower Upper
104 100
78 59.6 39.5 59.3#
103 56.1 43.2 64.8





#71

Bromoform

Concen: 20.768 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

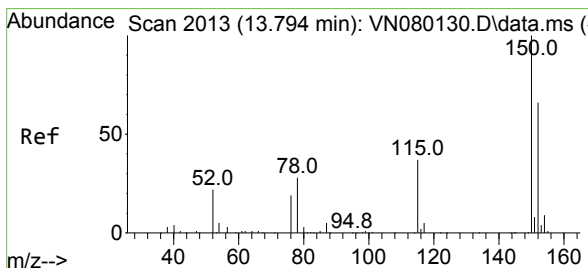
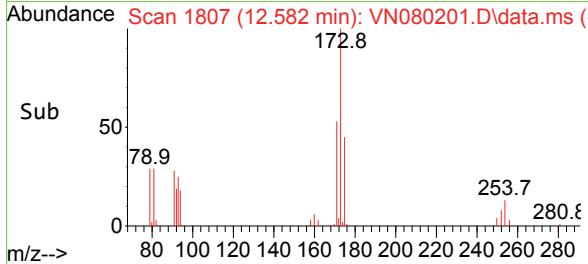
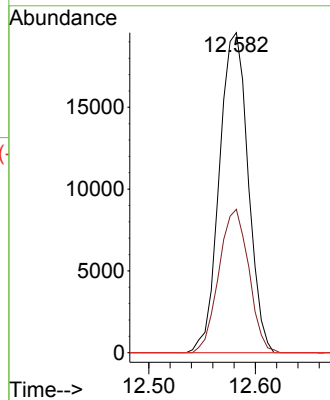
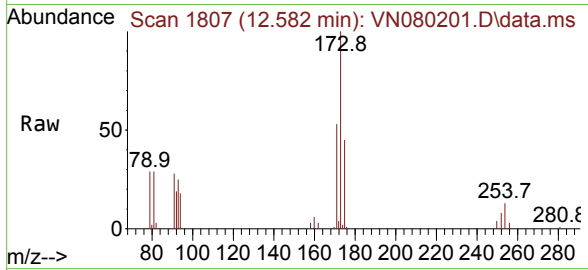
Tgt Ion:173 Resp: 36695

Ion Ratio Lower Upper

173 100

175 46.5 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: VN080201.D

Acq: 20 Nov 2023 12:38

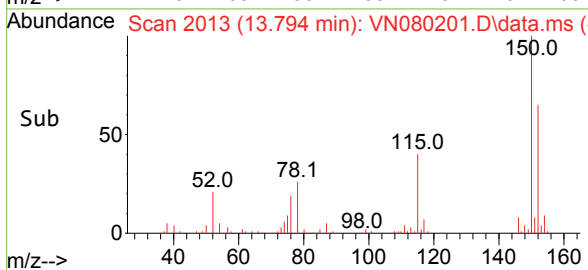
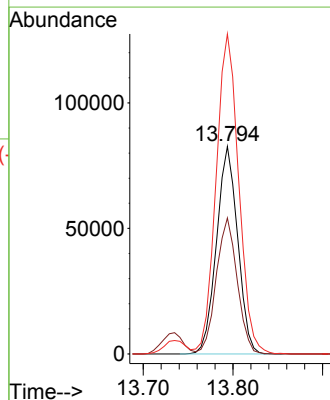
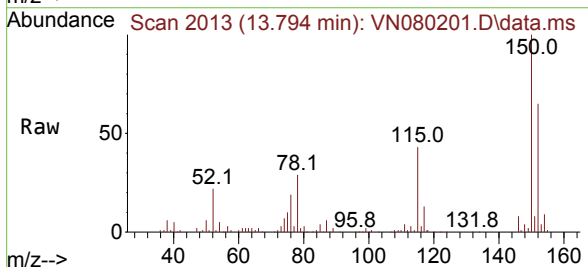
Tgt Ion:152 Resp: 135304

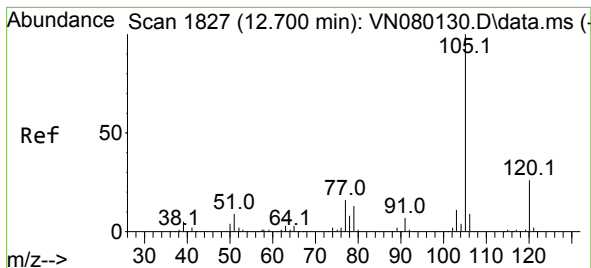
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 164.8 0.0 355.8





#73

Isopropylbenzene

Concen: 18.341 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

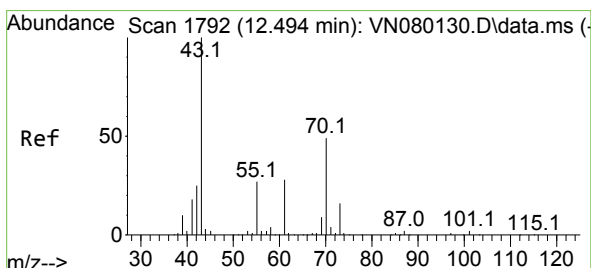
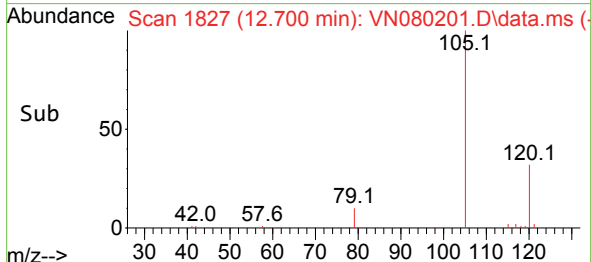
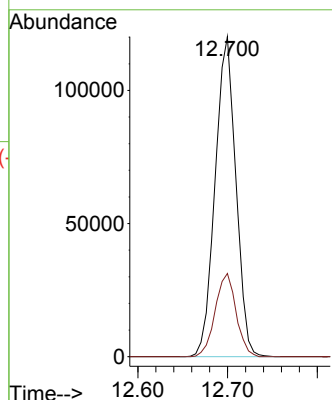
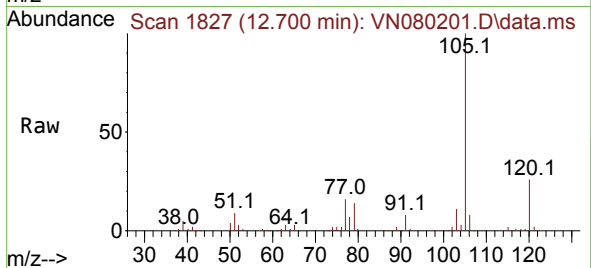
ClientSampleId :

Tgt Ion:105 Resp: 192839

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 16.432 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion: 43 Resp: 53878

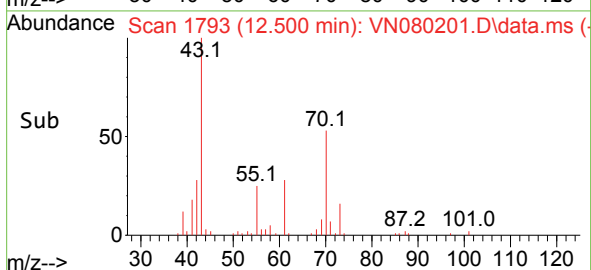
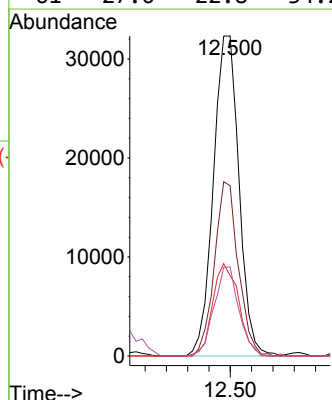
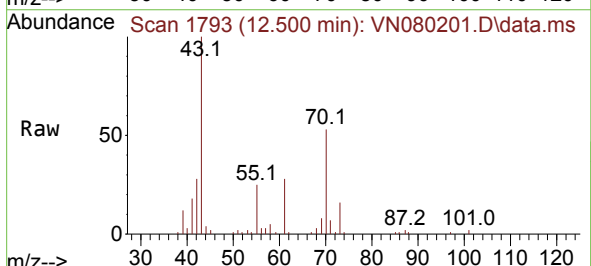
Ion Ratio Lower Upper

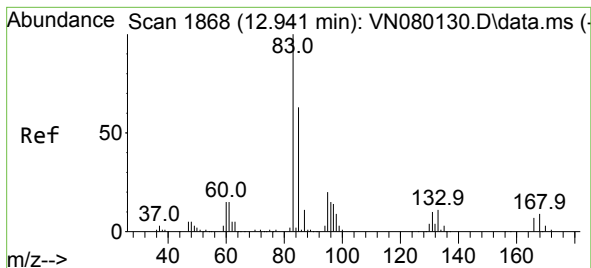
43 100

70 50.6 43.4 65.2

55 29.4 21.4 32.0

61 27.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.322 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

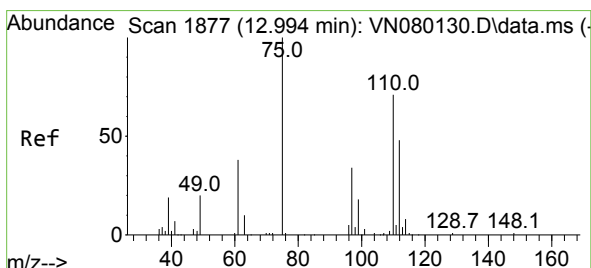
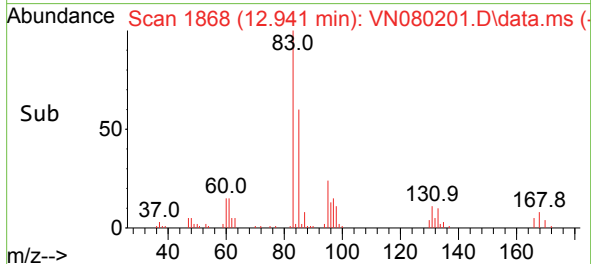
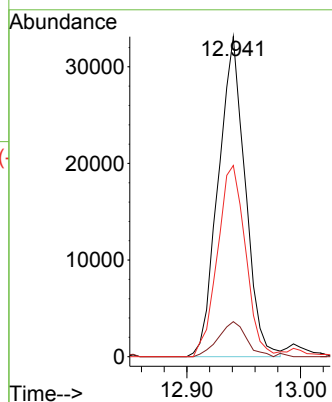
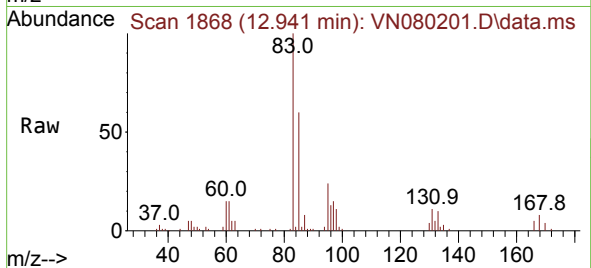
Tgt Ion: 83 Resp: 54510

Ion Ratio Lower Upper

83 100

131 11.4 5.0 15.0

85 62.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.514 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080201.D

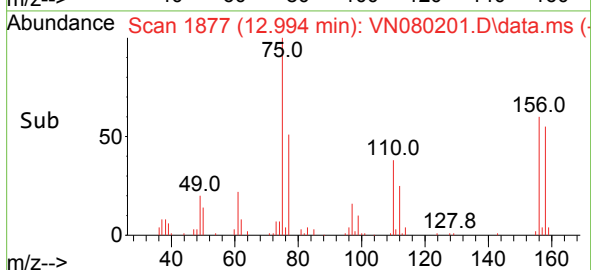
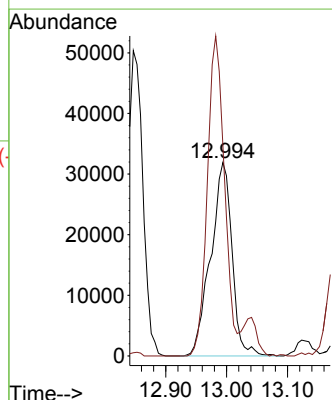
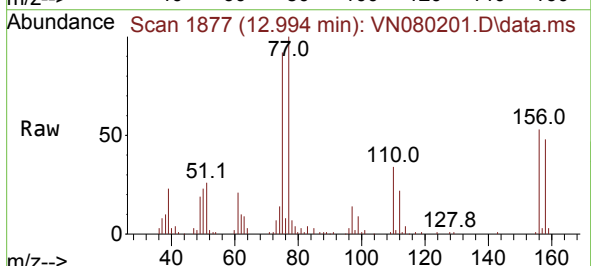
Acq: 20 Nov 2023 12:38

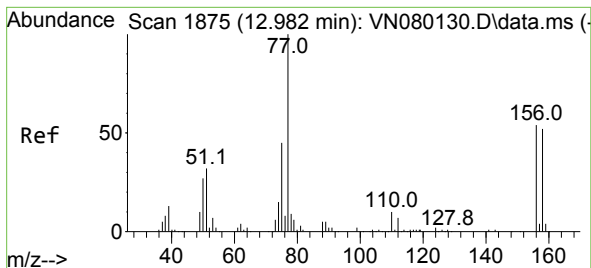
Tgt Ion: 75 Resp: 77953

Ion Ratio Lower Upper

75 100

77 132.5 84.5 253.5





#77

Bromobenzene

Concen: 19.043 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

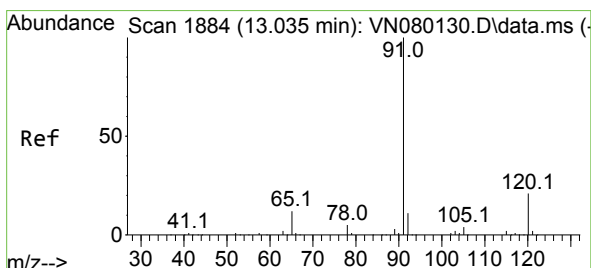
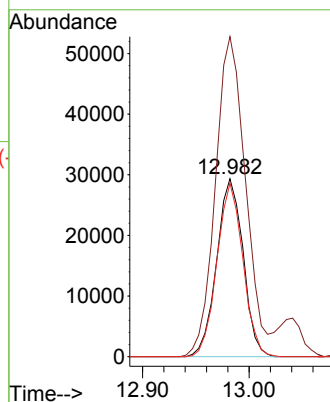
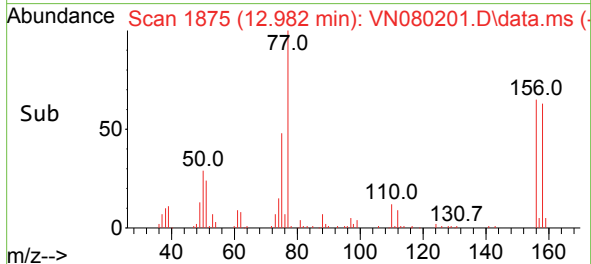
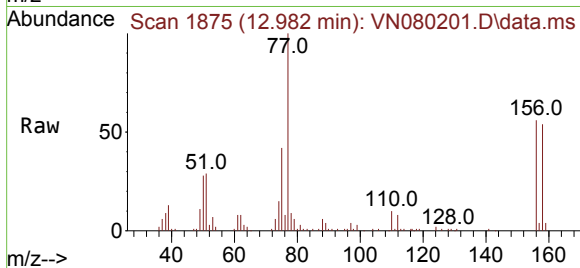
Tgt Ion:156 Resp: 50479

Ion Ratio Lower Upper

156 100

77 204.6 107.7 323.3

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 18.509 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080201.D

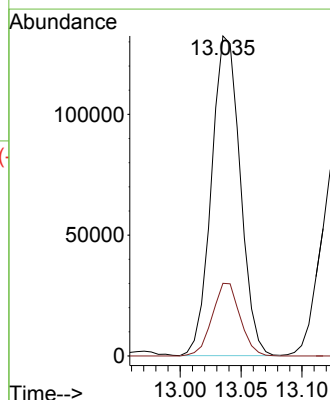
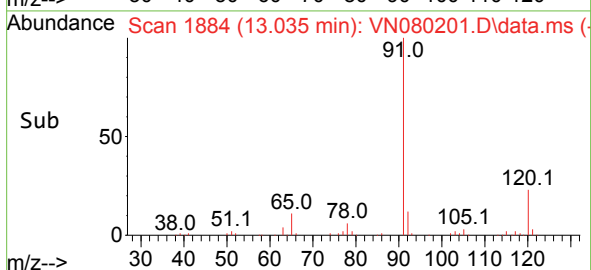
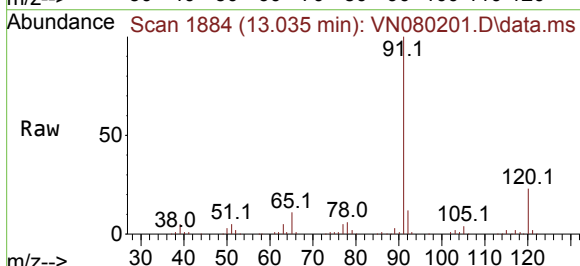
Acq: 20 Nov 2023 12:38

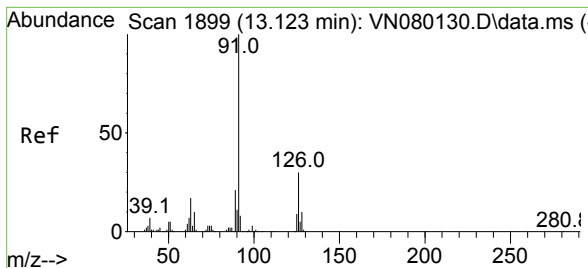
Tgt Ion: 91 Resp: 217619

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

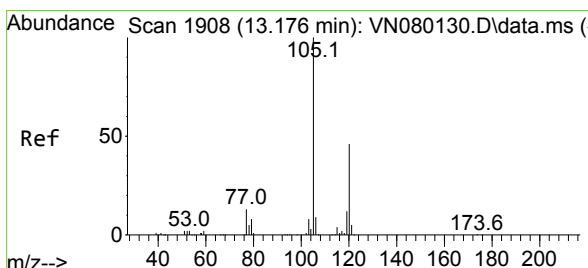
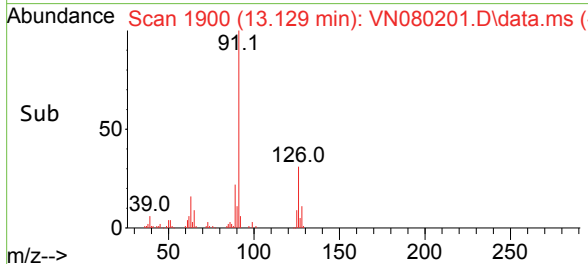
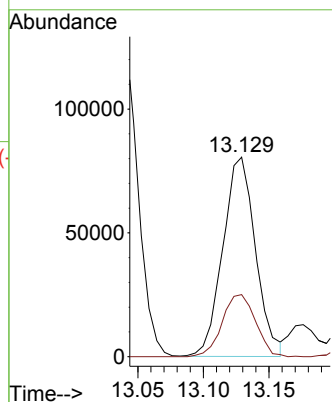
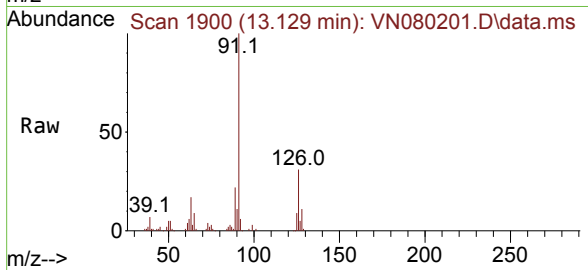




#79
2-Chlorotoluene
Concen: 18.319 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

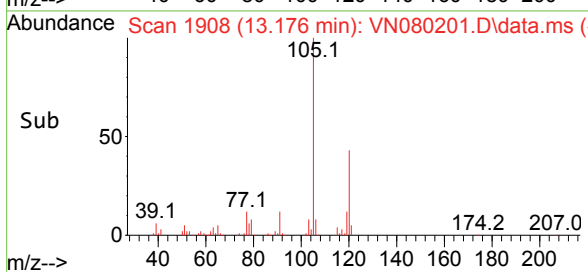
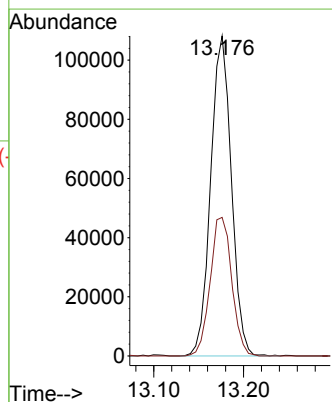
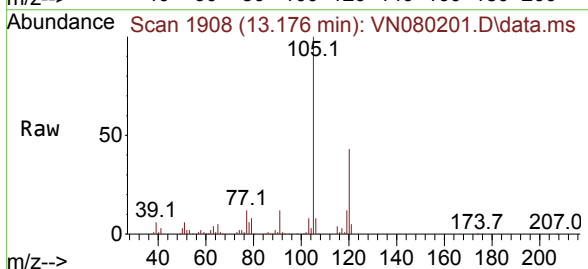
Instrument :
MSVOA_N
ClientSampleId :

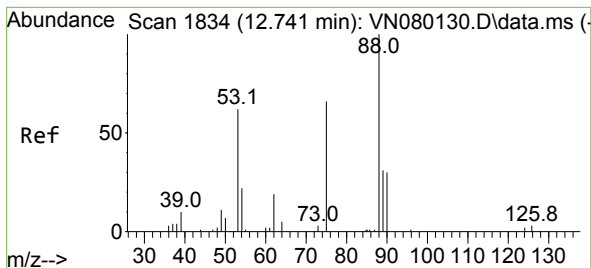
Tgt Ion: 91 Resp: 139891
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.932 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 105 Resp: 173274
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3

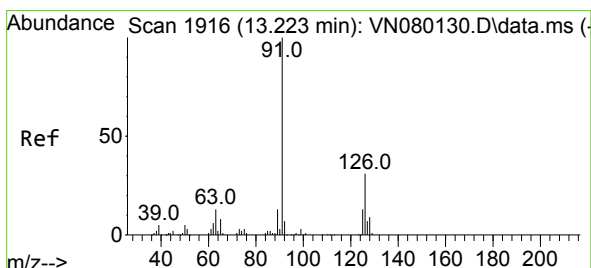
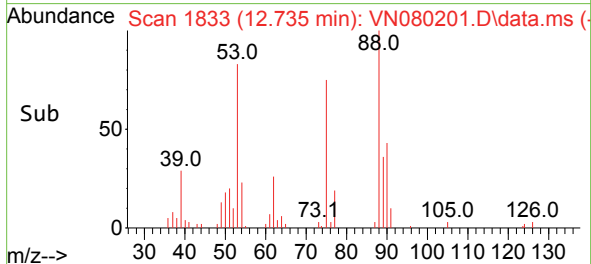
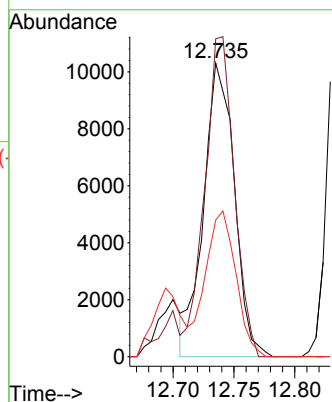
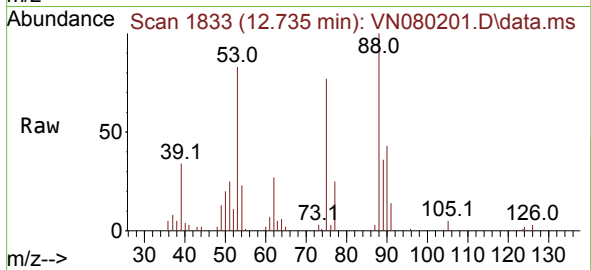




#81
trans-1,4-Dichloro-2-butene
Concen: 18.502 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

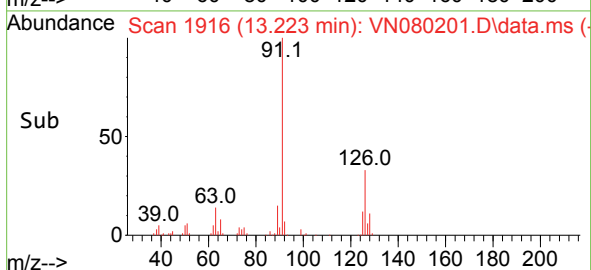
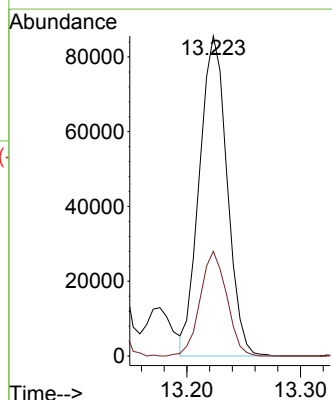
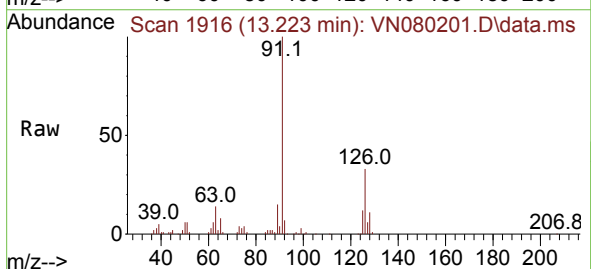
Instrument :
MSVOA_N
ClientSampleId :

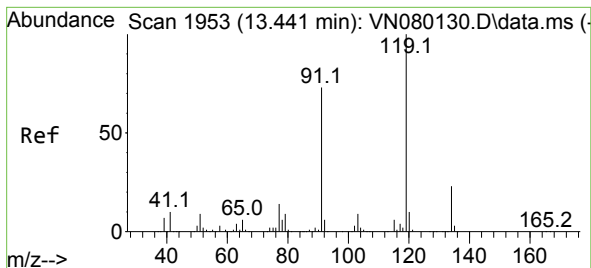
Tgt Ion: 75 Resp: 18155
Ion Ratio Lower Upper
75 100
53 104.4 67.4 101.2#
89 49.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.532 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

Tgt Ion: 91 Resp: 144977
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.197 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

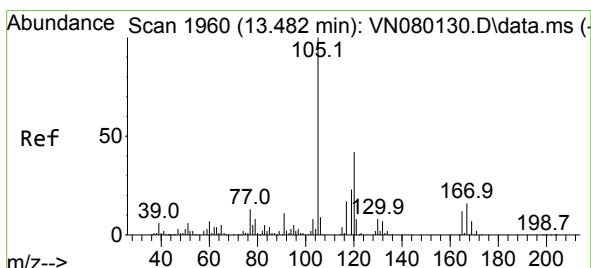
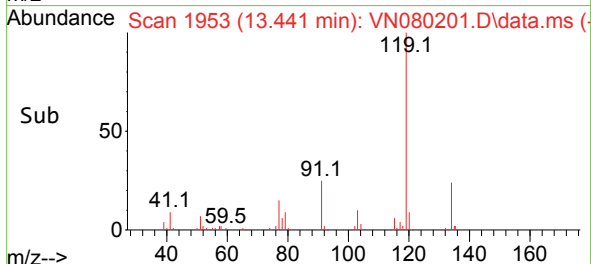
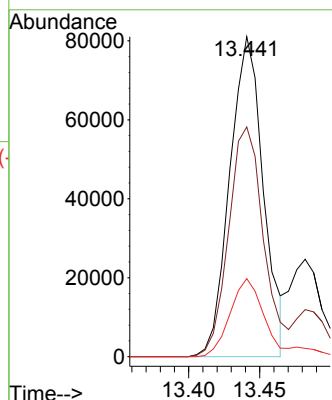
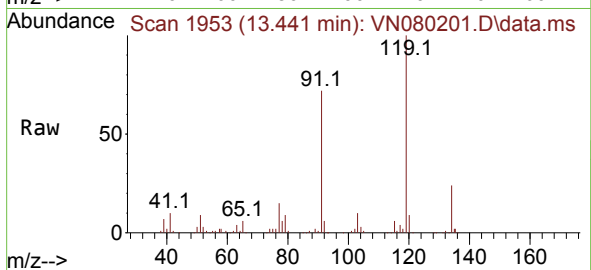
Tgt Ion:119 Resp: 133556

Ion Ratio Lower Upper

119 100

91 75.2 33.9 101.7

134 24.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.077 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080201.D

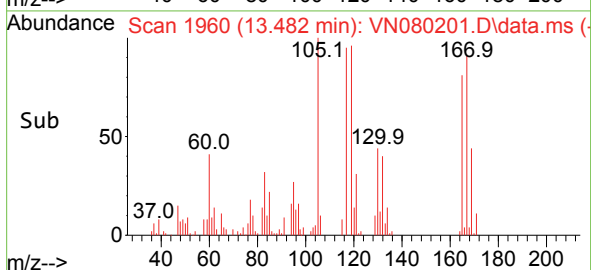
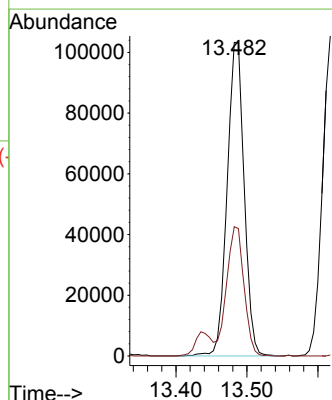
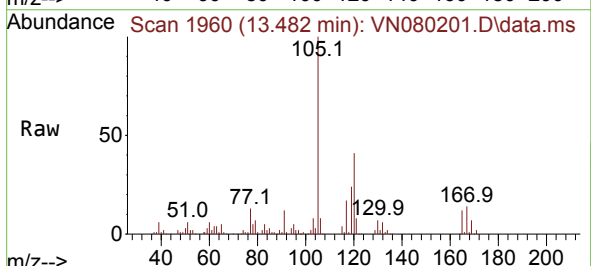
Acq: 20 Nov 2023 12:38

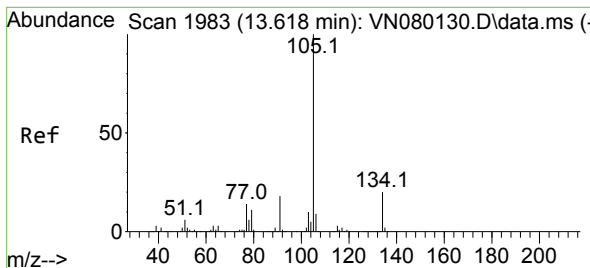
Tgt Ion:105 Resp: 171929

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.506 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

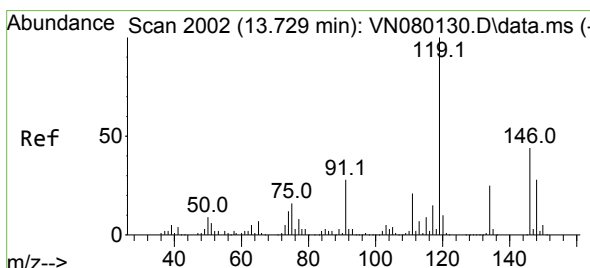
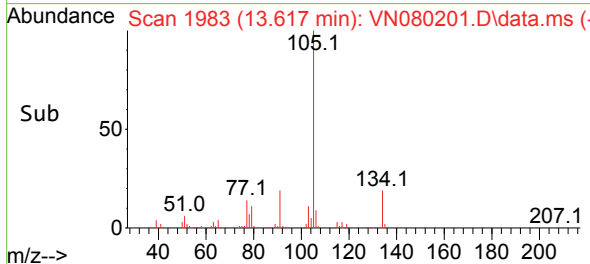
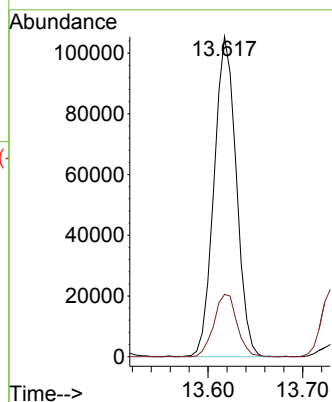
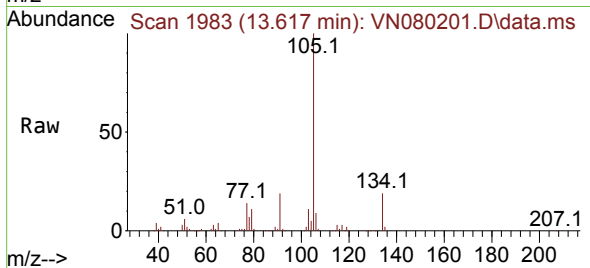
ClientSampleId :

Tgt Ion:105 Resp: 171823

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.039 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

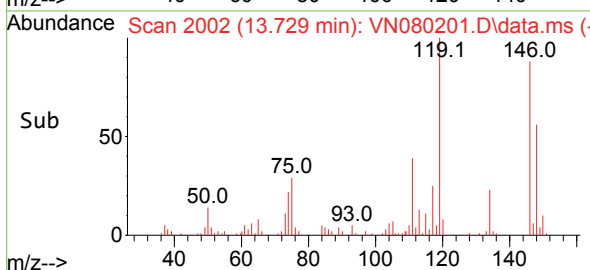
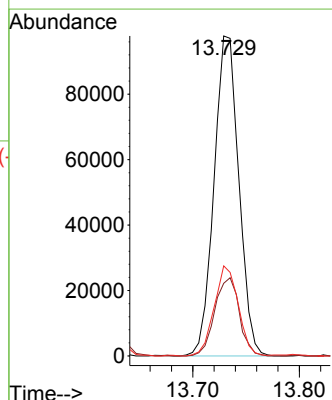
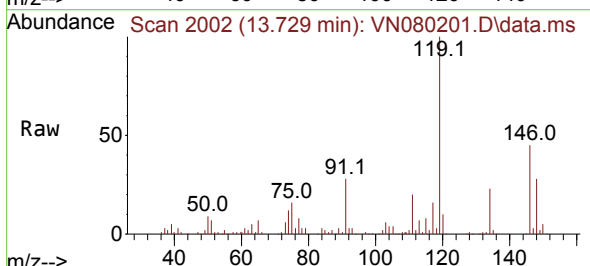
Tgt Ion:119 Resp: 157912

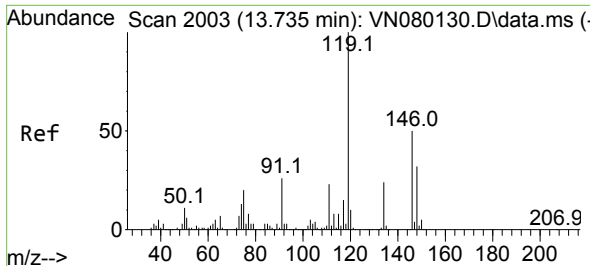
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 27.2 12.4 37.2

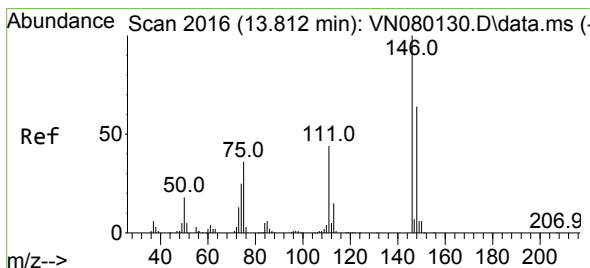
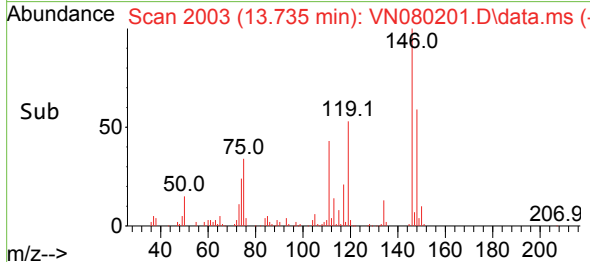
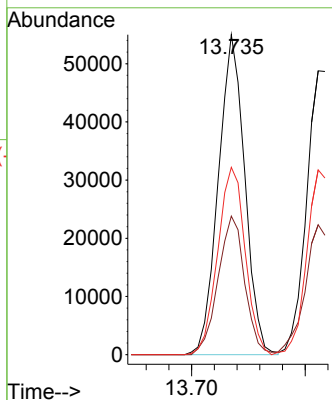
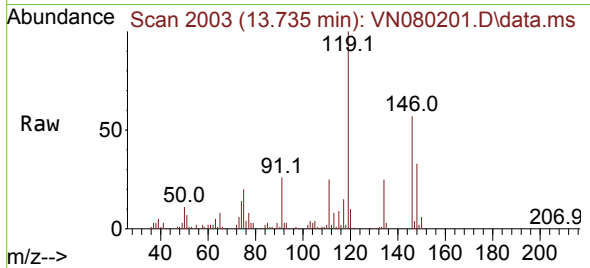




#87
 1,3-Dichlorobenzene
 Concen: 18.607 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

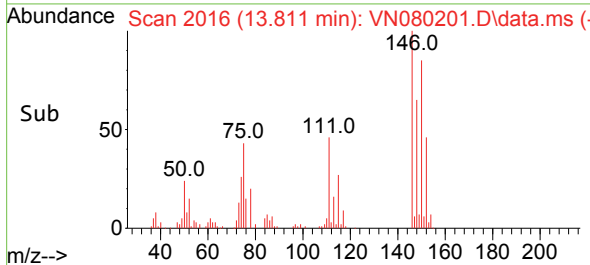
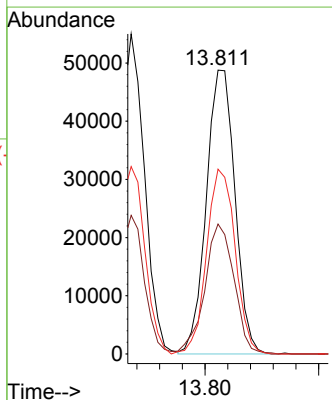
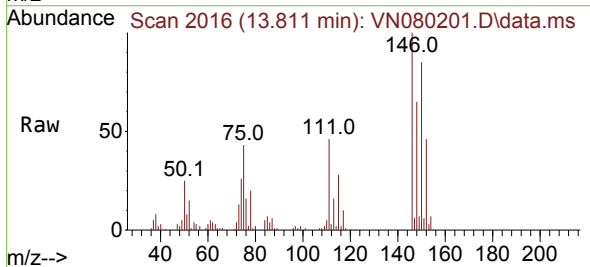
Instrument :
 MSVOA_N
 ClientSampleId :

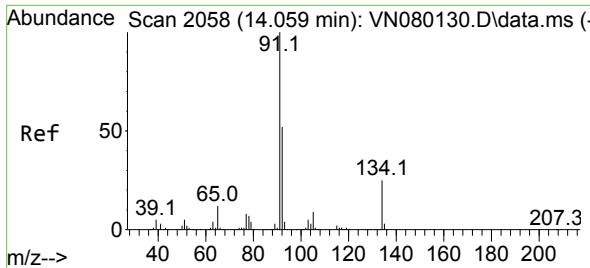
Tgt Ion:146 Resp: 88866
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.1 66.3
 148 60.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.821 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080201.D
 Acq: 20 Nov 2023 12:38

Tgt Ion:146 Resp: 85534
 Ion Ratio Lower Upper
 146 100
 111 46.9 20.6 61.8
 148 65.0 31.6 94.8

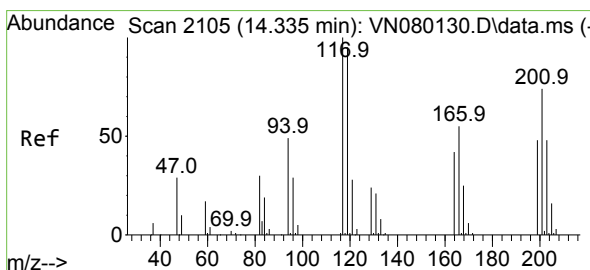
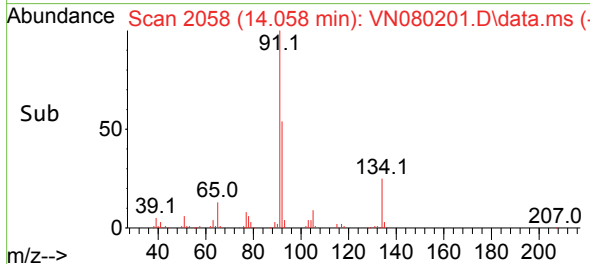
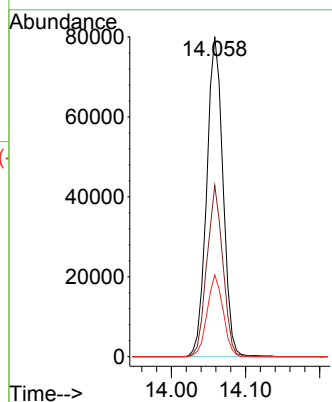
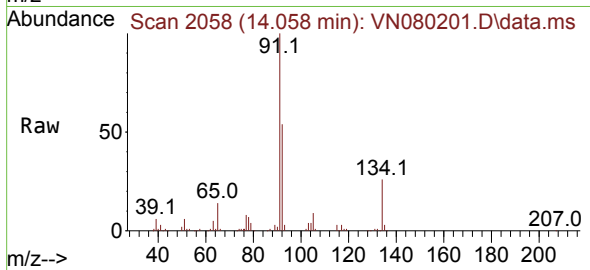




#89
n-Butylbenzene
Concen: 17.598 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

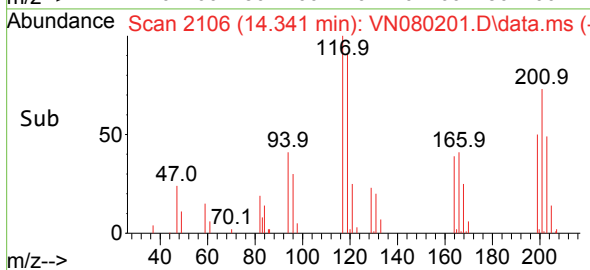
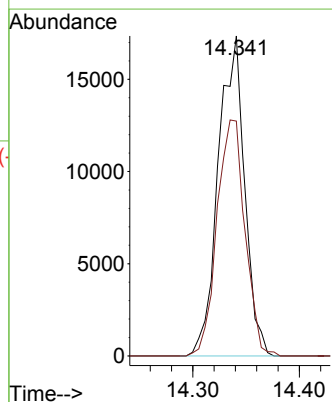
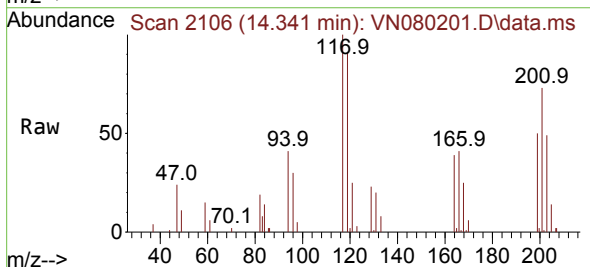
Instrument :
MSVOA_N
ClientSampleId :

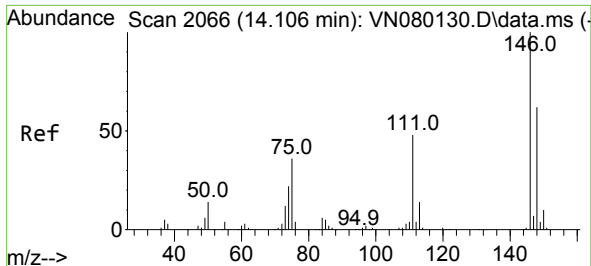
Tgt Ion: 91 Resp: 122170
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 18.451 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

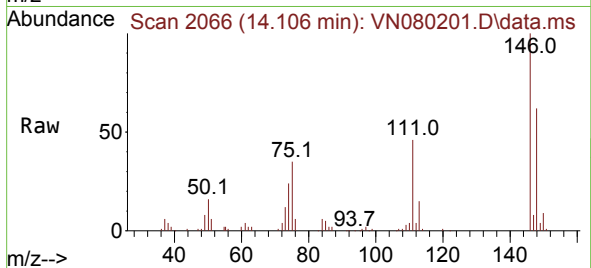
Tgt Ion: 117 Resp: 29834
Ion Ratio Lower Upper
117 100
201 78.3 29.3 88.0



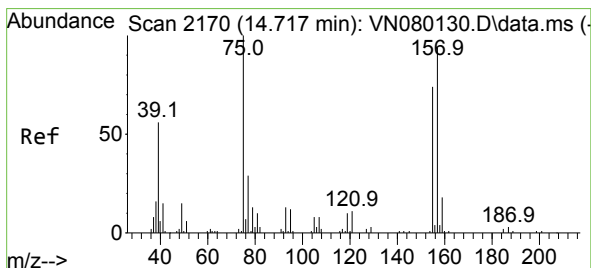
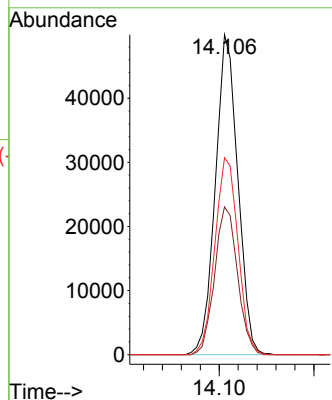
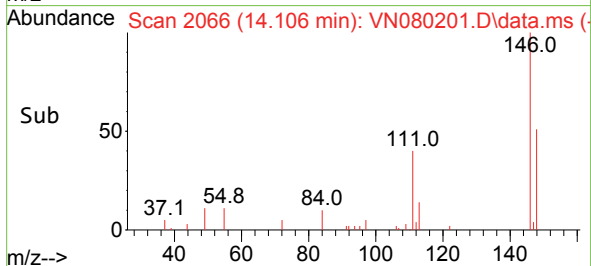


#91
1,2-Dichlorobenzene
Concen: 18.001 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38

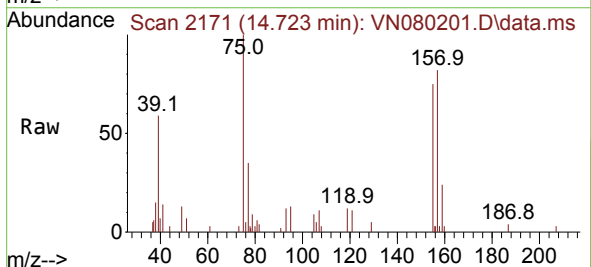
Instrument :
MSVOA_N
ClientSampleId :



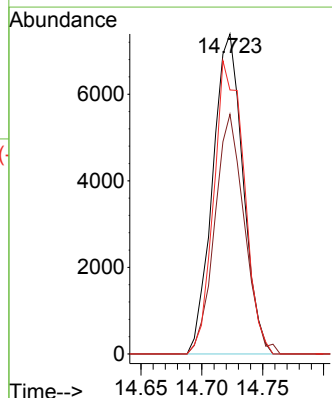
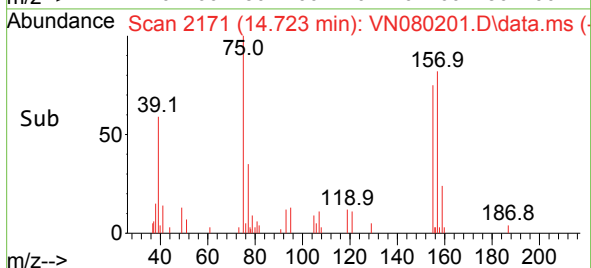
Tgt Ion:146 Resp: 82271
Ion Ratio Lower Upper
146 100
111 47.2 22.0 66.0
148 63.2 31.8 95.3

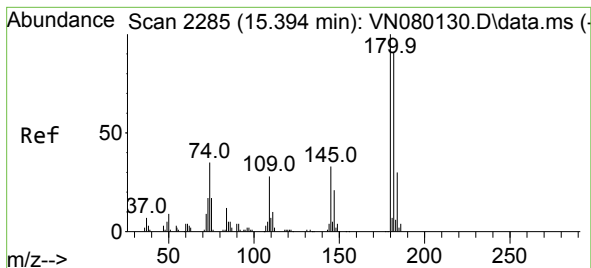


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.556 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080201.D
Acq: 20 Nov 2023 12:38



Tgt Ion: 75 Resp: 12832
Ion Ratio Lower Upper
75 100
155 73.1 39.1 117.2
157 91.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.740 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

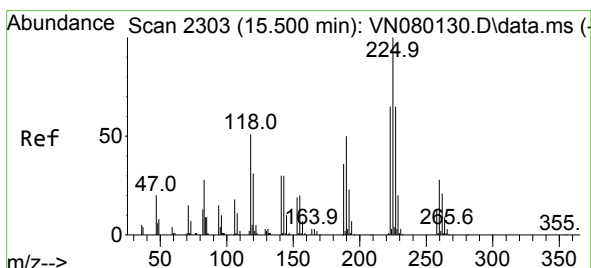
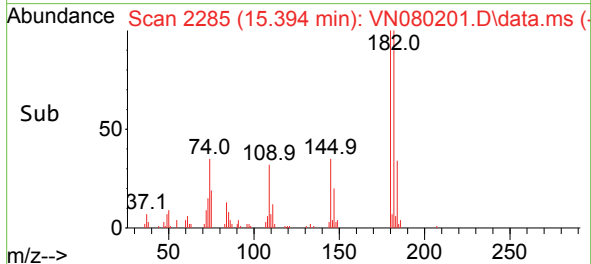
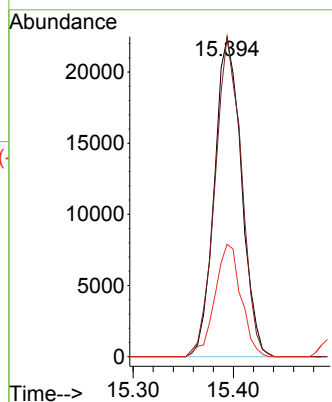
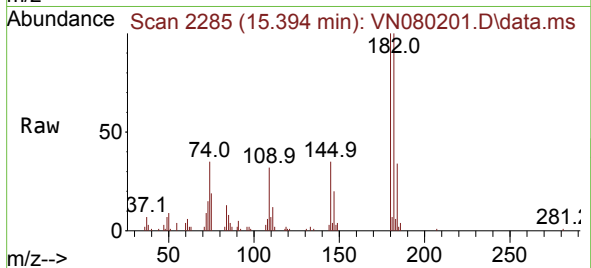
Tgt Ion:180 Resp: 41839

Ion Ratio Lower Upper

180 100

182 98.5 46.1 138.2

145 34.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.312 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

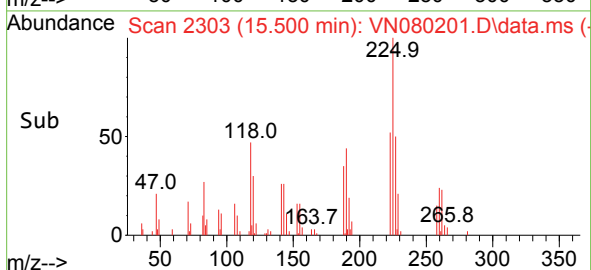
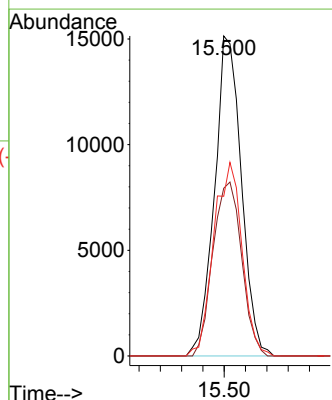
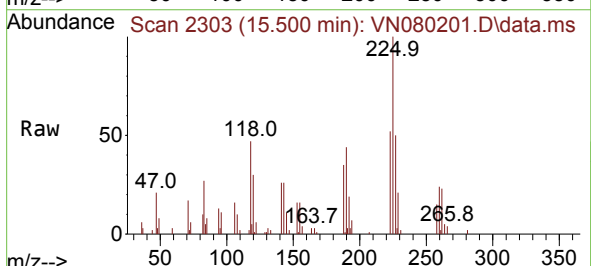
Tgt Ion:225 Resp: 26481

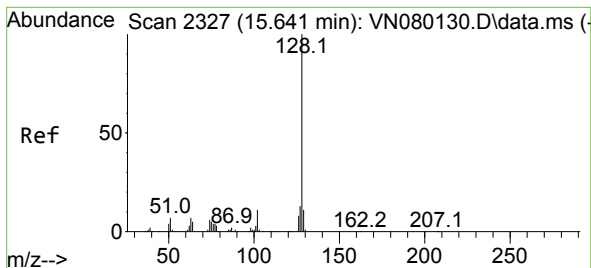
Ion Ratio Lower Upper

225 100

223 58.3 31.3 93.8

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 14.575 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

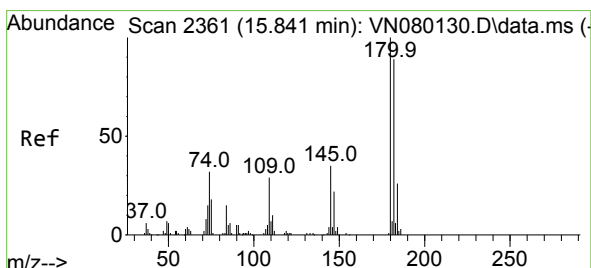
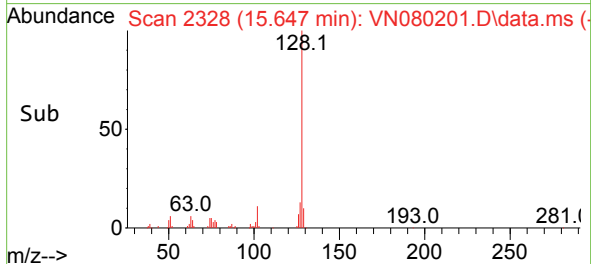
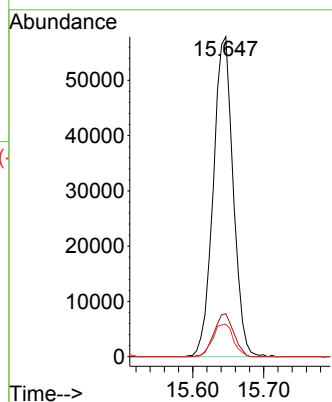
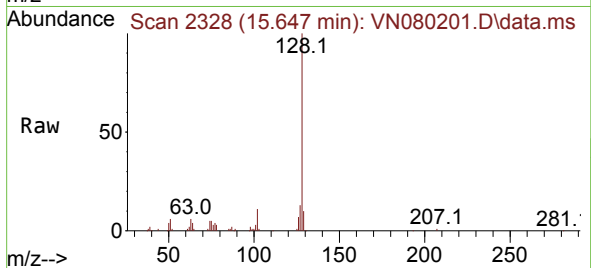
Tgt Ion:128 Resp: 112347

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.018 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080201.D

Acq: 20 Nov 2023 12:38

Tgt Ion:180 Resp: 42401

Ion Ratio Lower Upper

180 100

182 93.1 46.2 138.6

145 34.6 17.5 52.6

