

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081821.D
 Acq On : 22 Apr 2024 10:17
 Operator : JC\MD
 Sample : VN0422WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 06:54:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	13212	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	80447	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	141319	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	45636	28.117	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.733%
60) 4-Bromofluorobenzene	12.847	95	62196	22.386	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	74.633%
63) Toluene-d8	10.571	98	168191	29.670	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40109	21.726	ug/l	98
3) Chloromethane	2.359	50	25239	15.758	ug/l	97
4) Vinyl Chloride	2.512	62	35233	21.392	ug/l	96
5) Bromomethane	2.965	94	28205	20.221	ug/l	99
6) Chloroethane	3.130	64	29953	23.236	ug/l	96
7) Trichlorofluoromethane	3.500	101	49146	18.176	ug/l	95
8) Diethyl Ether	3.965	74	14847	14.722	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	19591	10.561	ug/l	71
10) 1,1-Dichloroethene	4.341	96	26973	15.854	ug/l	90
11) Methyl Iodide	4.583	142	21438	11.127	ug/l	95
12) Methyl Acetate	5.018	43	23255	14.886	ug/l #	75
13) Acrolein	4.177	56	19073	92.700	ug/l	97
14) Acrylonitrile	5.724	53	60887	78.297	ug/l	93
15) Acetone	4.418	58	5469	31.976	ug/l	95
16) Carbon Disulfide	4.712	76	74346	15.368	ug/l	99
17) Allyl chloride	5.030	41	33560	16.306	ug/l	87
18) Methylene Chloride	5.283	84	31601	16.131	ug/l	95
19) trans-1,2-Dichloroethene	5.788	96	31318	16.786	ug/l	81
20) Diisopropyl ether	6.665	45	89414	18.248	ug/l #	87
21) 1,1-Dichloroethane	6.565	63	59284	18.147	ug/l	96
22) cis-1,2-Dichloroethene	7.477	96	38674	17.166	ug/l	97
23) tert-Butyl Alcohol	5.518	59	19779	71.649	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	88453	16.623	ug/l	92
25) Chloroform	7.971	83	69289	18.641	ug/l	98
26) Cyclohexane	8.259	56	44769	17.094	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	44516	21.048	ug/l	99
30) 2-Butanone	7.482	43	81140	100.455	ug/l	97
31) 2,2-Dichloropropane	7.488	77	55947	21.237	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	62647	21.492	ug/l	97
33) Carbon Tetrachloride	8.359	117	54798	20.740	ug/l	95
34) Benzene	8.606	78	140749	20.659	ug/l	98
35) Methacrylonitrile	7.777	41	19440	21.248	ug/l	95
36) 1,2-Dichloroethane	8.665	62	52098	23.313	ug/l	98
37) Trichloroethene	9.353	130	34149	18.941	ug/l	100
38) Methylcyclohexane	9.600	83	58192	22.511	ug/l	99
39) 1,2-Dichloropropane	9.618	63	42096	26.485	ug/l	98
40) Dibromomethane	9.706	93	34852	27.527	ug/l	93
41) Bromodichloromethane	9.888	83	73010	28.278	ug/l	98
42) Vinyl Acetate	6.600	43	361196	107.345	ug/l	99

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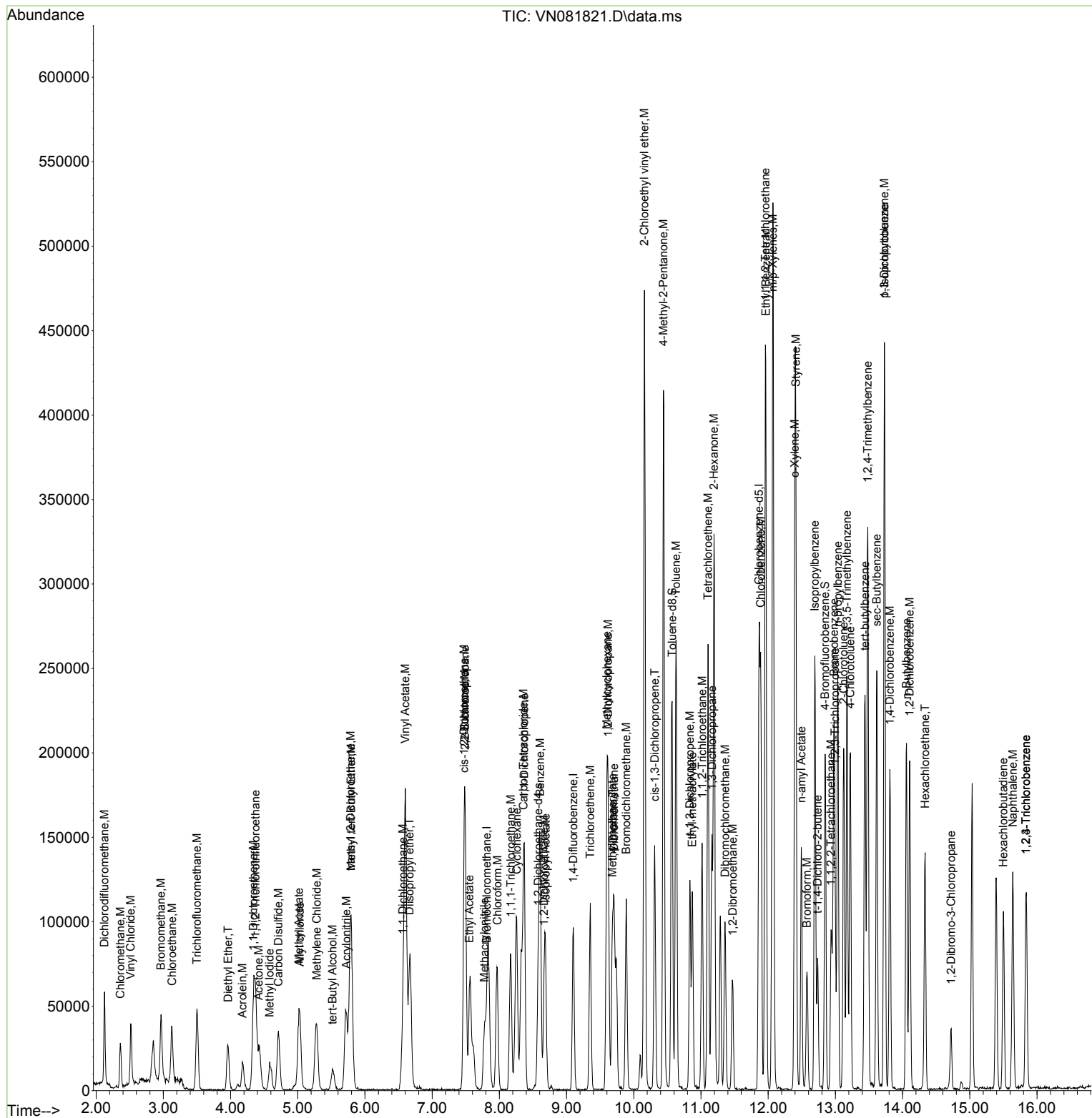
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43) Ethyl Acetate	7.553	43	37620	21.133	ug/l	96
44) Isopropyl Acetate	8.688	43	61823	20.727	ug/l	94
45) 1,4-Dioxane	9.694	88	14841	450.737	ug/l #	85
46) Methyl methacrylate	9.682	41	31436	23.437	ug/l	96
47) n-amyl Acetate	12.494	43	67719	25.302	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	66084	26.866	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	72921	27.528	ug/l #	89
50) 1,1,2-Trichloroethane	11.018	97	45746	26.984	ug/l	97
51) Ethyl methacrylate	10.871	69	59770	25.320	ug/l	94
52) 1,3-Dichloropropane	11.165	76	82945	29.849	ug/l	100
53) Dibromochloromethane	11.359	129	53845	26.588	ug/l	98
54) 1,2-Dibromoethane	11.470	107	43745	24.963	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	200755	173.184	ug/l	98
56) Bromoform	12.576	173	33977	26.238	ug/l #	75
58) 4-Methyl-2-Pentanone	10.441	43	251614	103.533	ug/l	92
59) 2-Hexanone	11.194	43	191713	105.040	ug/l	93
61) Tetrachloroethene	11.106	164	56185	21.456	ug/l	91
62) Toluene	10.629	91	202625	19.708	ug/l	98
64) Chlorobenzene	11.888	112	124307	19.067	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	45889	19.377	ug/l	96
66) Ethyl Benzene	11.965	91	199274	18.230	ug/l	94
67) m/p-Xylenes	12.070	106	164086	37.896	ug/l	95
68) o-Xylene	12.394	106	79643	19.375	ug/l	90
69) Styrene	12.412	104	132525	18.931	ug/l	97
70) Isopropylbenzene	12.694	105	162465	15.320	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	45093	16.278	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	62213	24.258	ug/l	65
73) Bromobenzene	12.982	156	40330	15.348	ug/l	92
74) n-propylbenzene	13.035	91	191906	15.118	ug/l	98
75) 2-Chlorotoluene	13.123	91	116006	15.340	ug/l	95
76) 1,3,5-Trimethylbenzene	13.170	105	134065	14.895	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16171	15.226	ug/l	99
78) 4-Chlorotoluene	13.223	91	121939	16.257	ug/l	95
79) tert-butylbenzene	13.441	119	112158	14.647	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	137246	15.290	ug/l	99
81) sec-Butylbenzene	13.617	105	166093	15.040	ug/l	99
82) p-Isopropyltoluene	13.729	119	133493	14.413	ug/l	96
83) 1,3-Dichlorobenzene	13.729	146	79272	16.142	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	77076	16.214	ug/l	96
85) n-Butylbenzene	14.059	91	111991	14.355	ug/l	96
86) Hexachloroethane	14.335	117	27825	15.726	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	75957	16.250	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9471	15.683	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	41171	16.069	ug/l	97
90) Hexachlorobutadiene	15.500	225	18106	17.635	ug/l	98
91) Naphthalene	15.641	128	116819	14.182	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	41171	16.069	ug/l	97

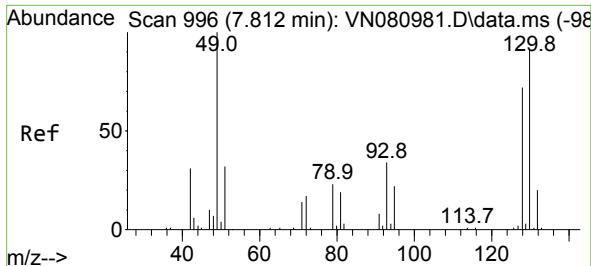
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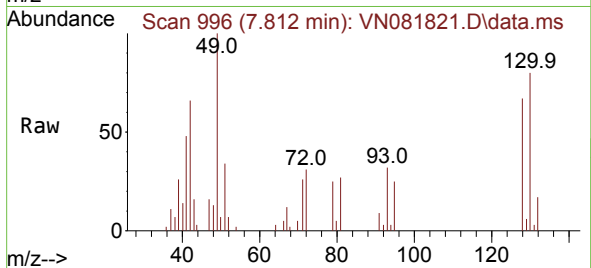
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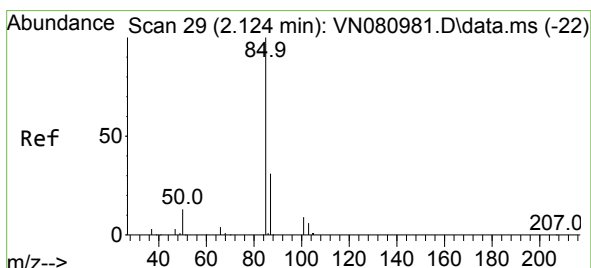
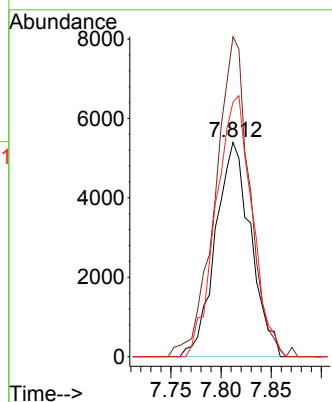
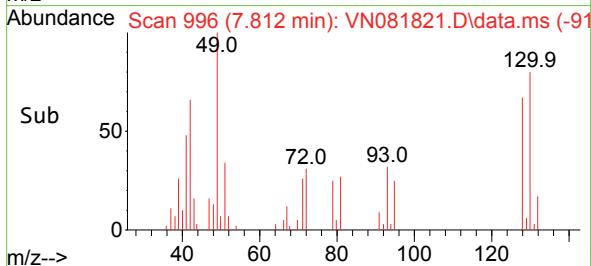


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

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MSVOA_N
ClientSampleId :

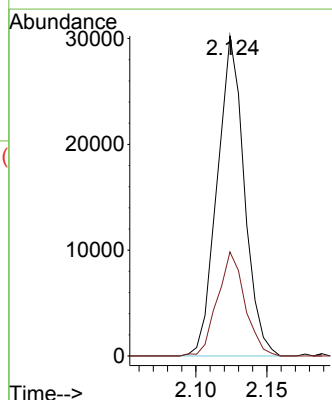
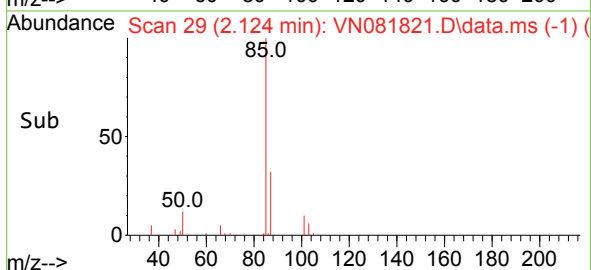
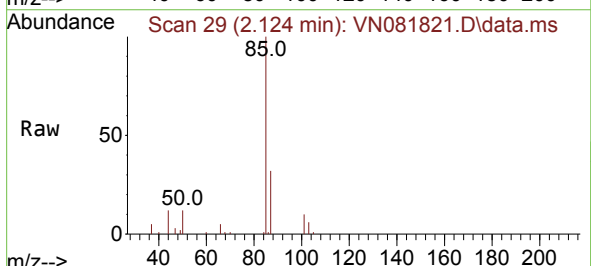


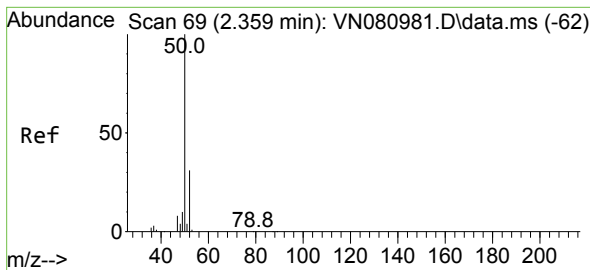
Tgt Ion:128 Resp: 13212
Ion Ratio Lower Upper
128 100
49 144.6 0.0 403.7
130 124.7 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 21.726 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 85 Resp: 40109
Ion Ratio Lower Upper
85 100
87 32.5 16.8 50.3





#3

Chloromethane

Concen: 15.758 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

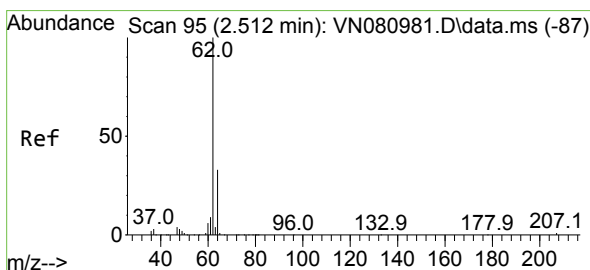
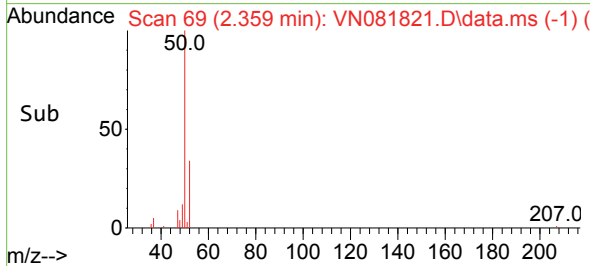
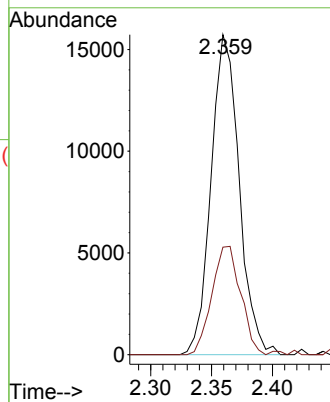
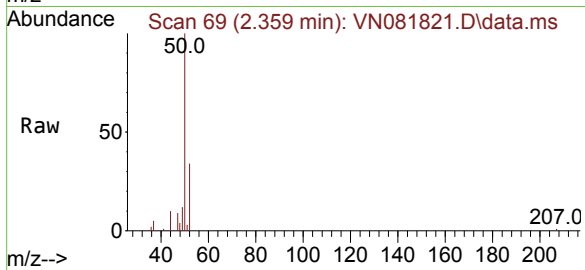
ClientSampleId :

Tgt Ion: 50 Resp: 25239

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.0



#4

Vinyl Chloride

Concen: 21.392 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081821.D

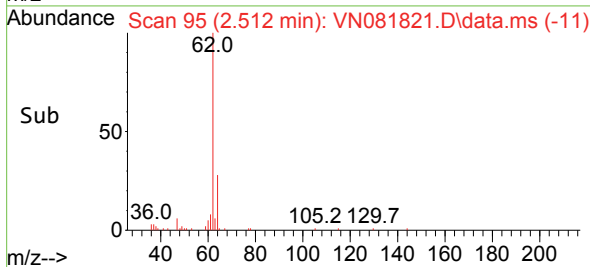
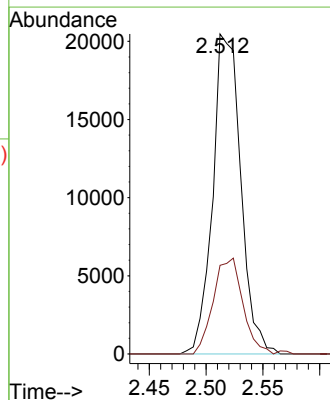
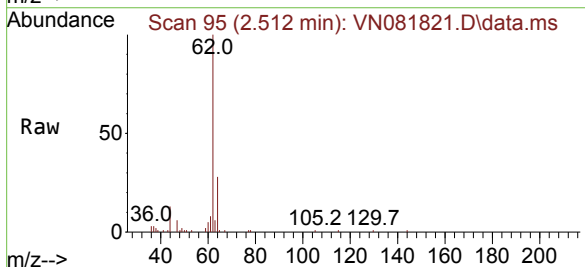
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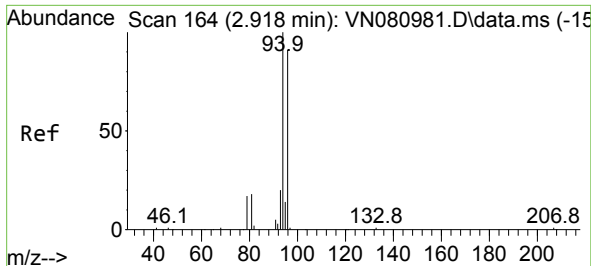
Tgt Ion: 62 Resp: 35233

Ion Ratio Lower Upper

62 100

64 27.7 24.1 36.1

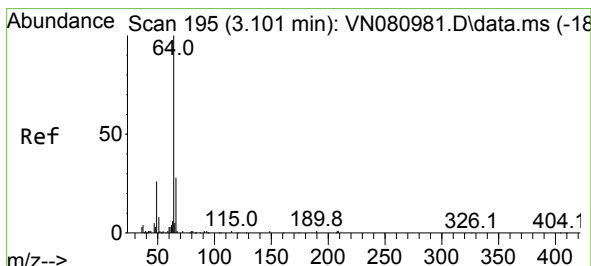
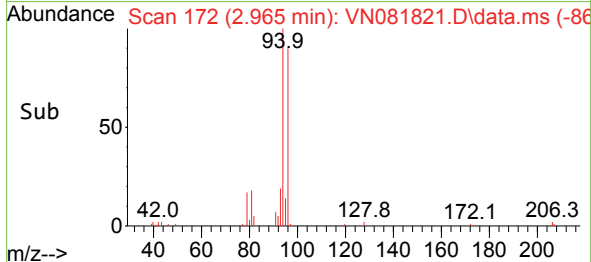
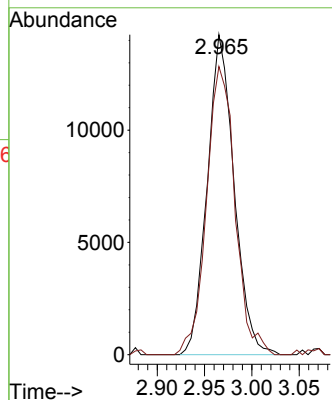
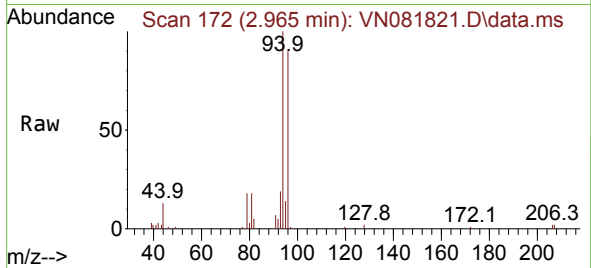




#5
Bromomethane
Concen: 20.221 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081821.D
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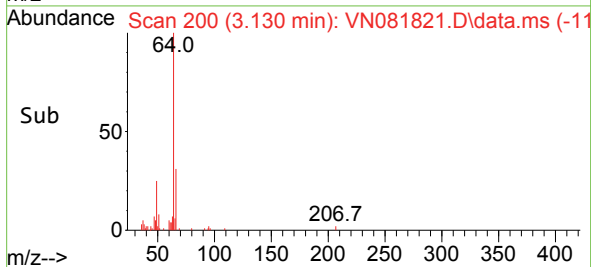
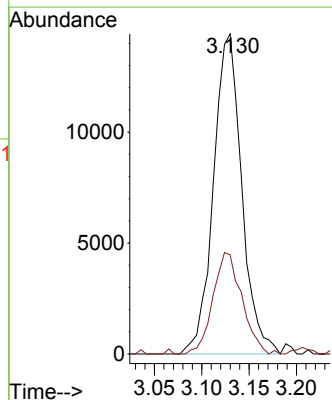
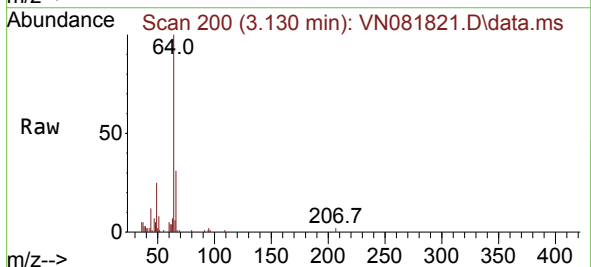
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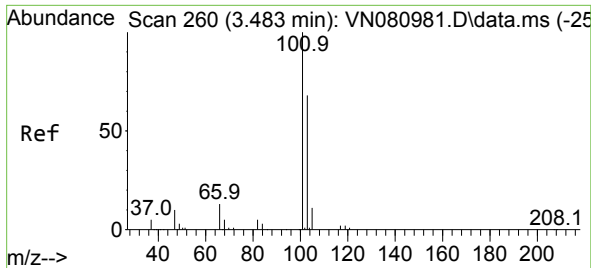
Tgt Ion: 94 Resp: 28205
Ion Ratio Lower Upper
94 100
96 90.1 72.8 109.2



#6
Chloroethane
Concen: 23.236 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 64 Resp: 29953
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

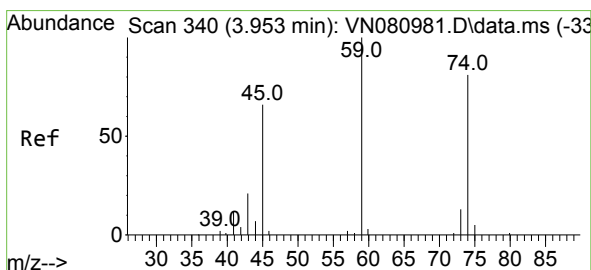
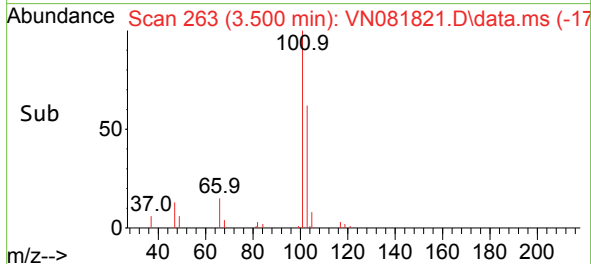
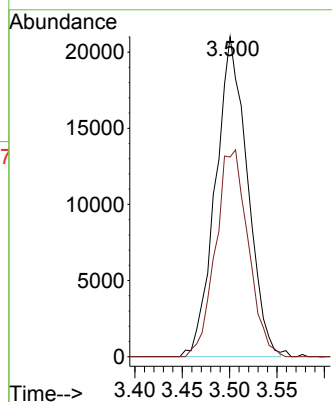
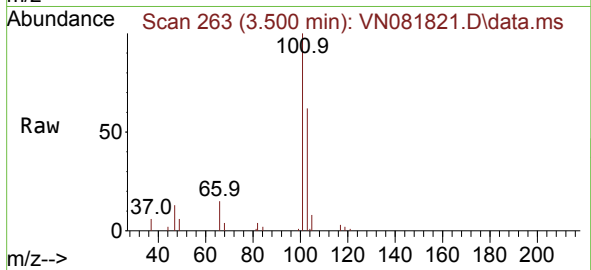




#7
 Trichlorofluoromethane
 Concen: 18.176 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081821.D
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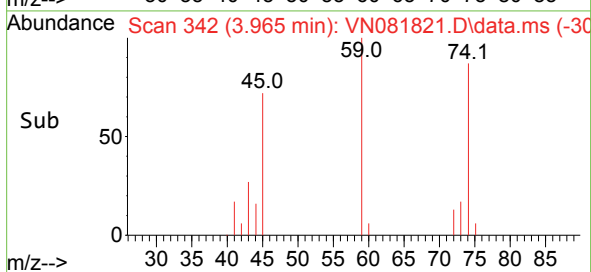
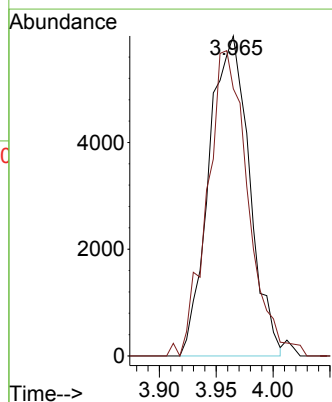
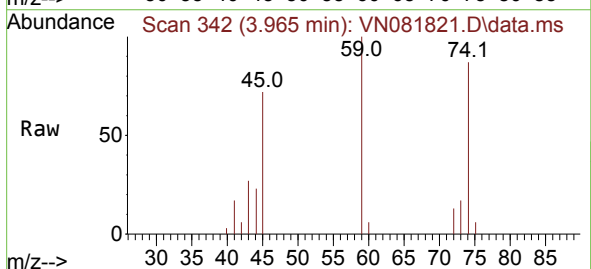
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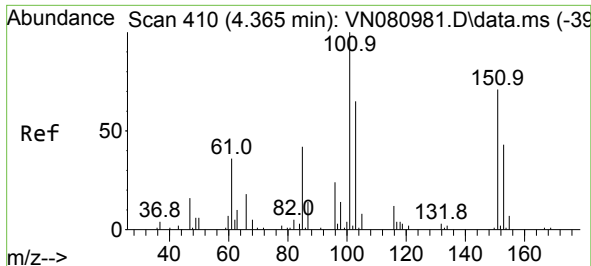
Tgt Ion:101 Resp: 49146
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.0 79.4



#8
 Diethyl Ether
 Concen: 14.722 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion: 74 Resp: 14847
 Ion Ratio Lower Upper
 74 100
 45 94.8 16.4 147.4

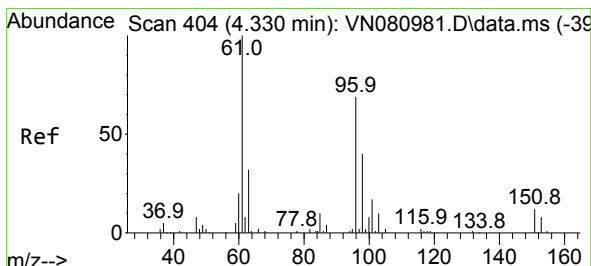
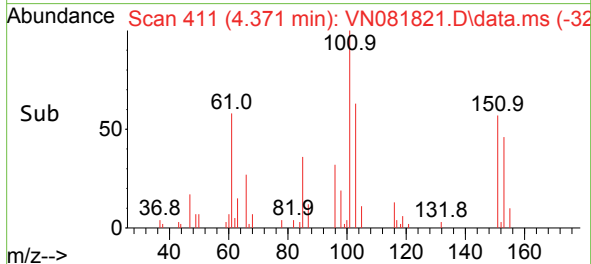
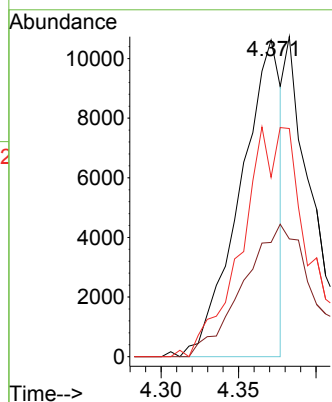
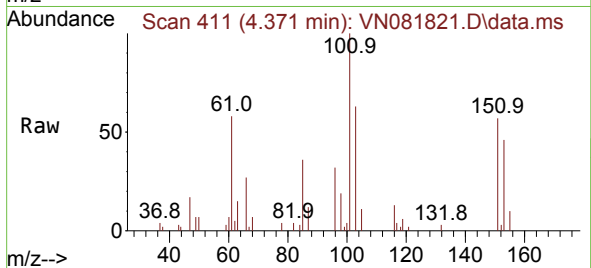




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.561 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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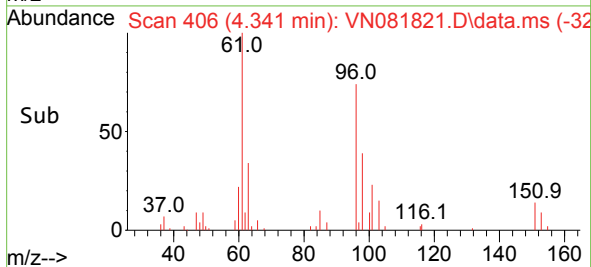
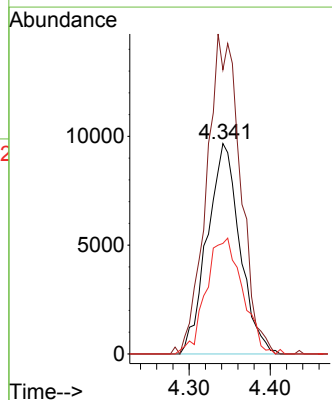
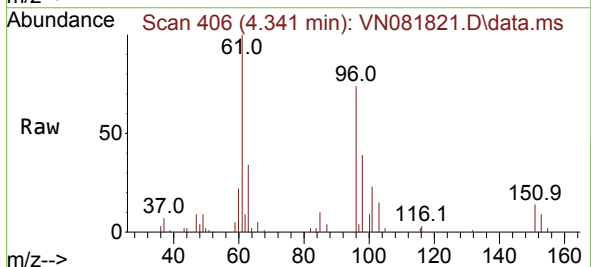
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MSVOA_N
ClientSampleId :

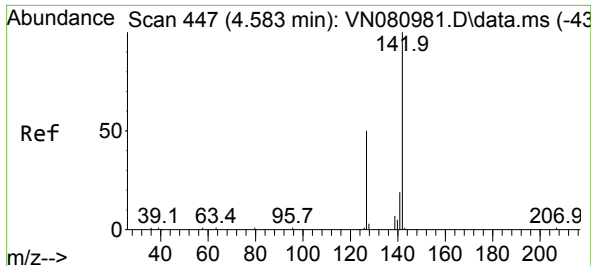
Tgt Ion:101 Resp: 19591
Ion Ratio Lower Upper
101 100
85 69.8 0.0 90.6
151 58.3 0.0 157.6



#10
1,1-Dichloroethene
Concen: 15.854 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

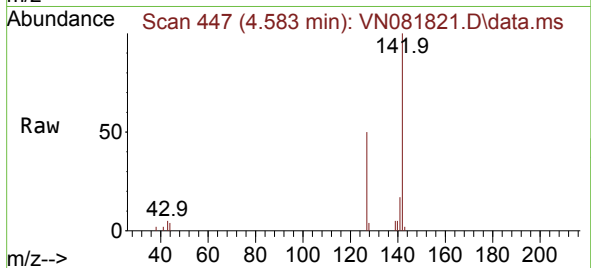
Tgt Ion: 96 Resp: 26973
Ion Ratio Lower Upper
96 100
61 135.1 117.6 176.4
98 50.8 48.4 72.6



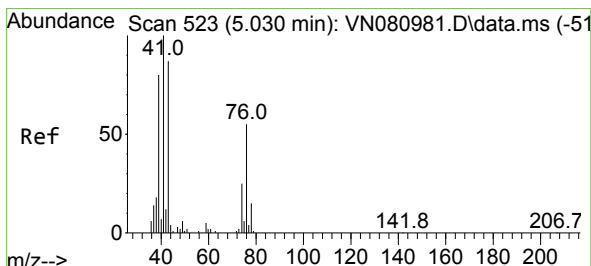
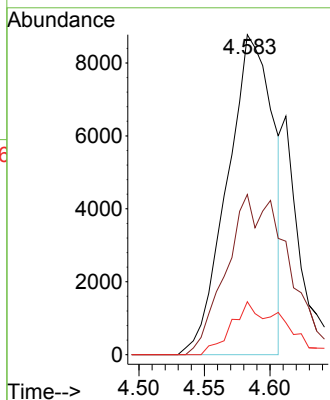
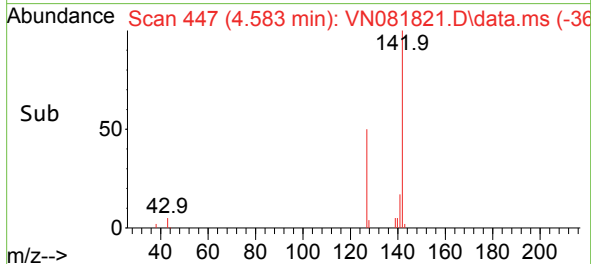


#11
Methyl Iodide
Concen: 11.127 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

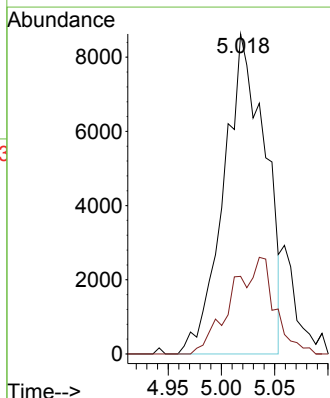
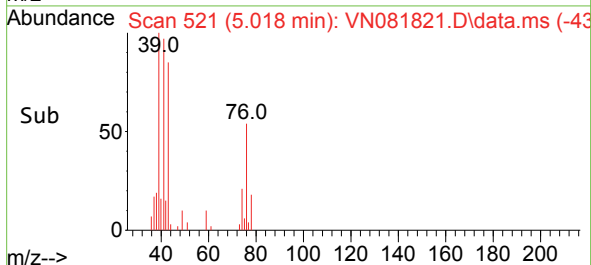
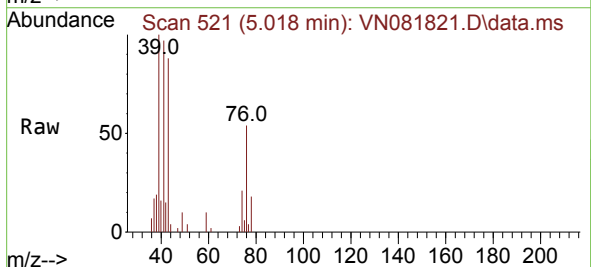


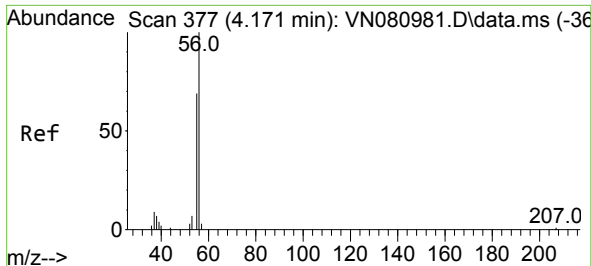
Tgt Ion:142 Resp: 21438
Ion Ratio Lower Upper
142 100
127 48.4 26.3 78.9
141 15.1 8.3 24.9



#12
Methyl Acetate
Concen: 14.886 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 43 Resp: 23255
Ion Ratio Lower Upper
43 100
74 20.4 27.7 41.5#





#13

Acrolein

Concen: 92.700 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

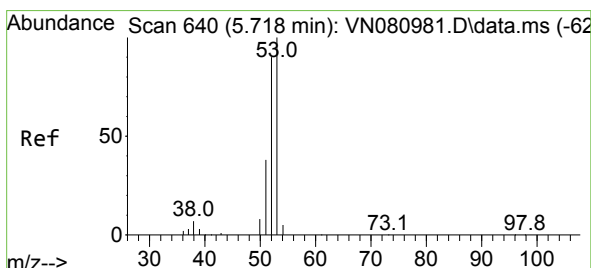
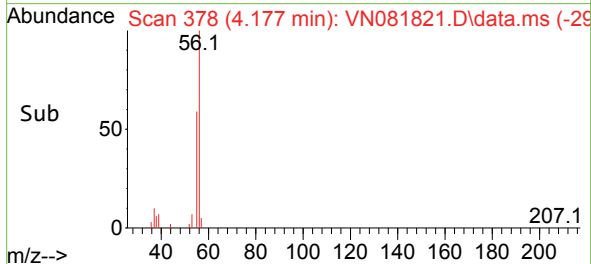
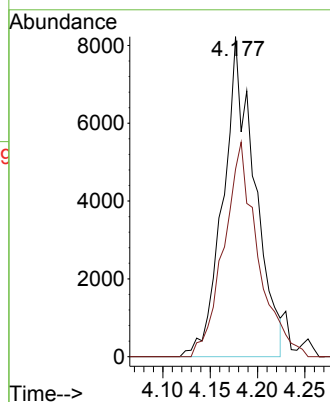
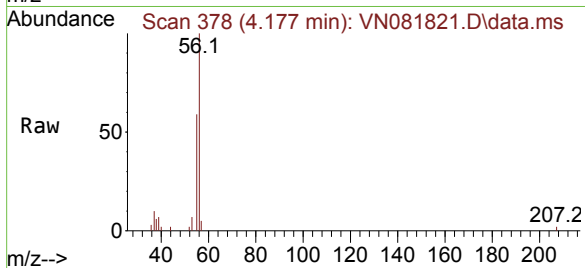
ClientSampleId :

Tgt Ion: 56 Resp: 19073

Ion Ratio Lower Upper

56 100

55 72.2 55.5 83.3



#14

Acrylonitrile

Concen: 78.297 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

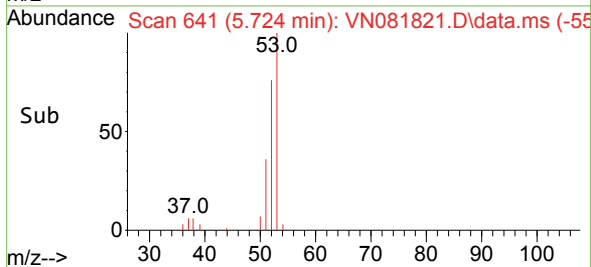
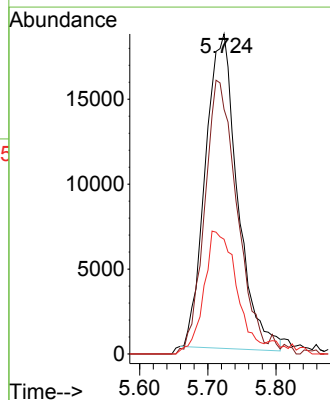
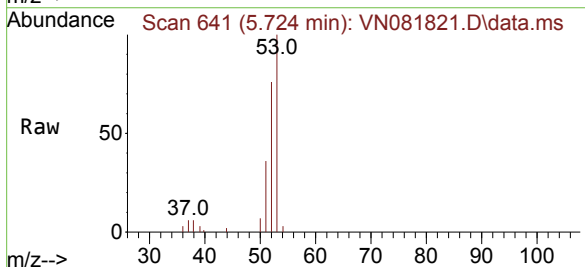
Tgt Ion: 53 Resp: 60887

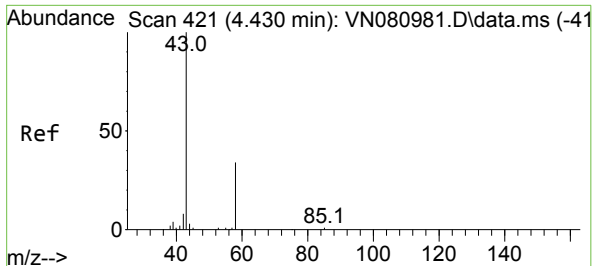
Ion Ratio Lower Upper

53 100

52 87.4 41.3 123.9

51 39.8 16.8 50.3





#15

Acetone

Concen: 31.976 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

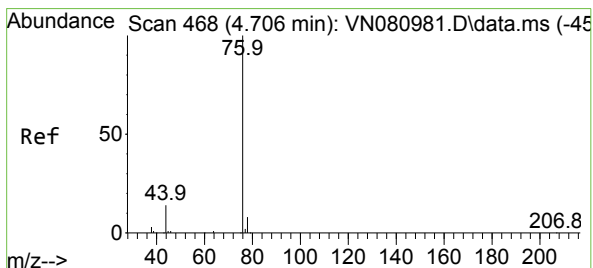
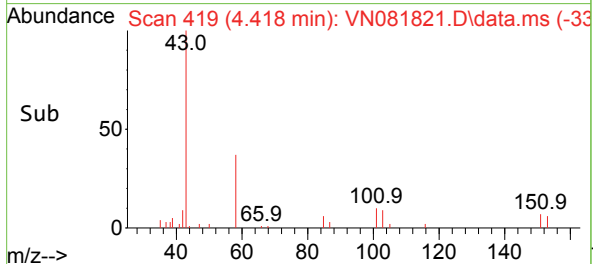
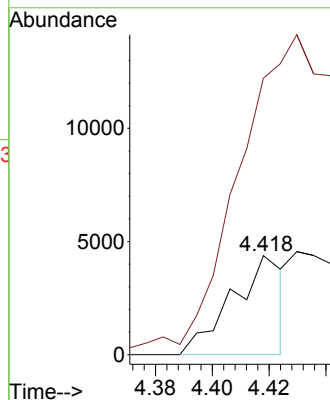
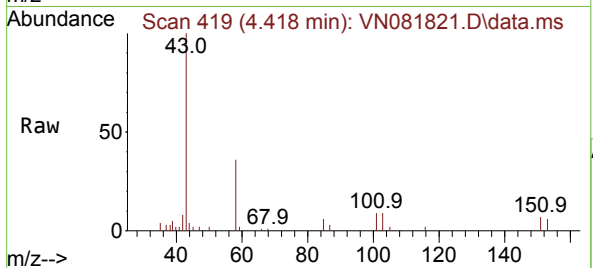
ClientSampleId :

Tgt Ion: 58 Resp: 5469

Ion Ratio Lower Upper

58 100

43 268.7 223.1 334.7



#16

Carbon Disulfide

Concen: 15.368 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081821.D

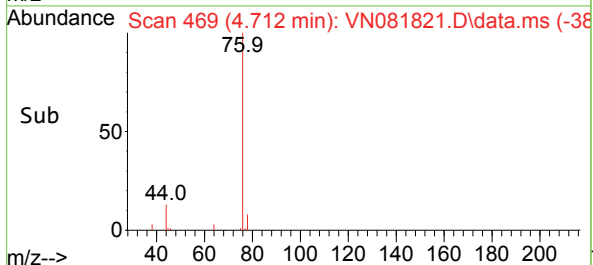
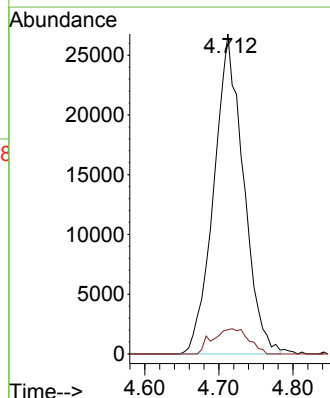
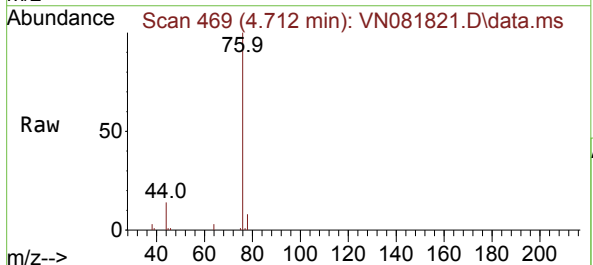
Acq: 22 Apr 2024 10:17

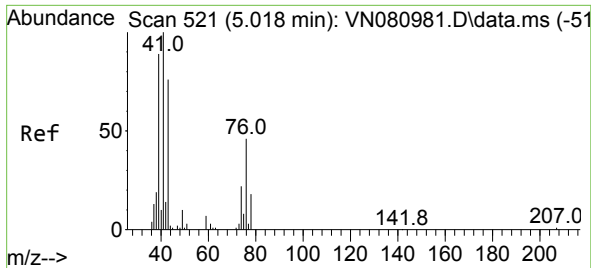
Tgt Ion: 76 Resp: 74346

Ion Ratio Lower Upper

76 100

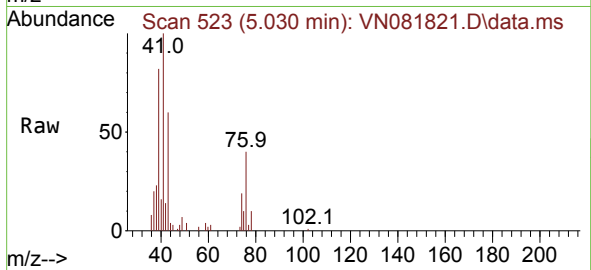
78 7.6 6.3 9.5



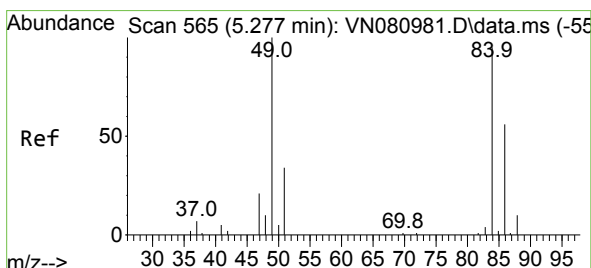
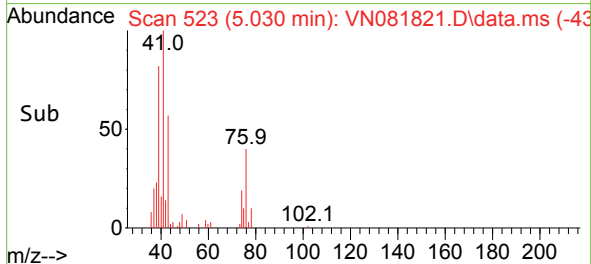
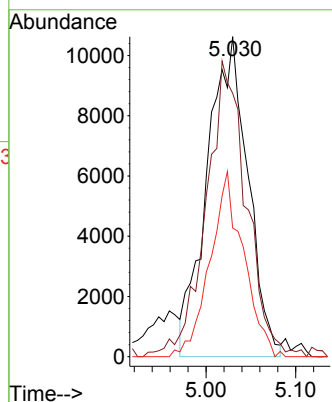


#17
 Allyl chloride
 Concen: 16.306 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :
 MSVOA_N
 ClientSampleId :

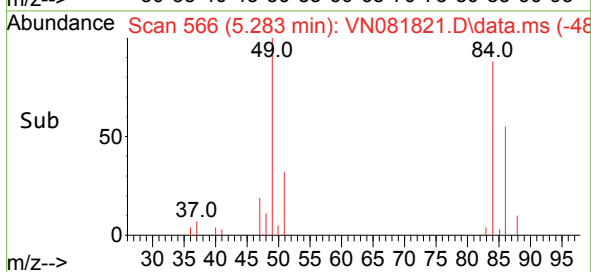
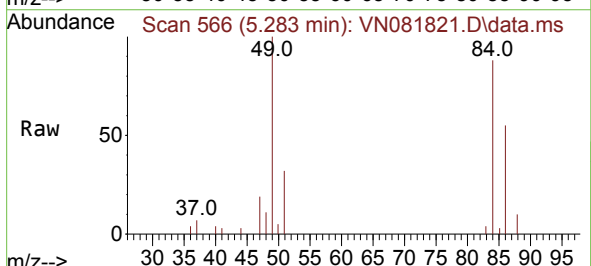
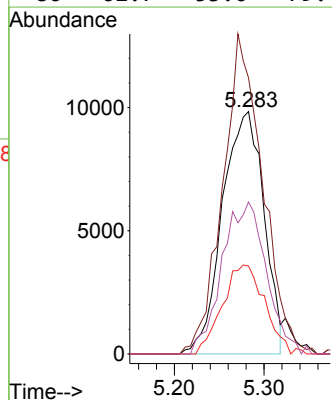


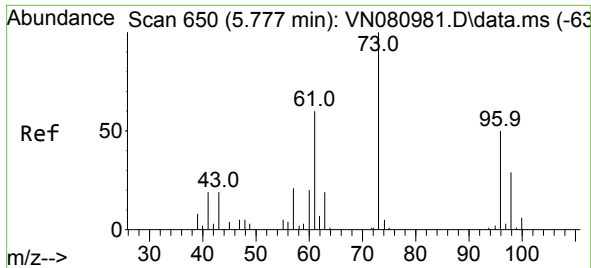
Tgt Ion: 41 Resp: 33560
 Ion Ratio Lower Upper
 41 100
 39 81.1 37.6 112.9
 76 40.2 27.8 83.4



#18
 Methylene Chloride
 Concen: 16.131 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion: 84 Resp: 31601
 Ion Ratio Lower Upper
 84 100
 49 113.9 86.0 129.0
 51 36.3 30.0 45.0
 86 62.7 53.0 79.4

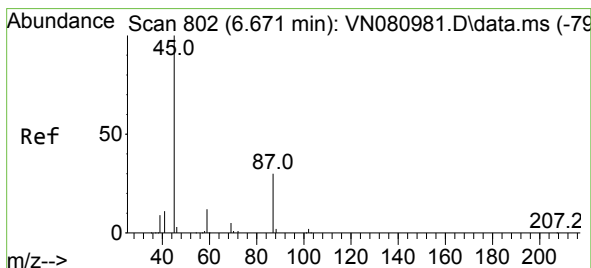
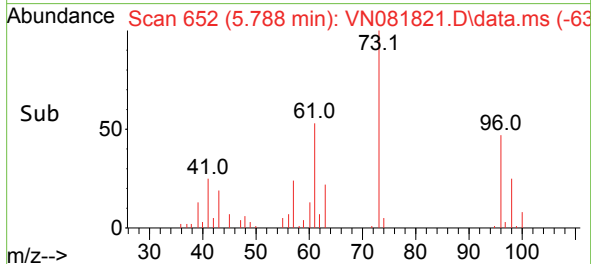
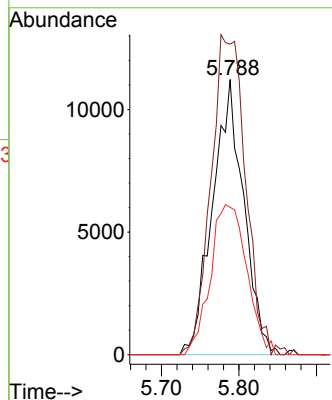
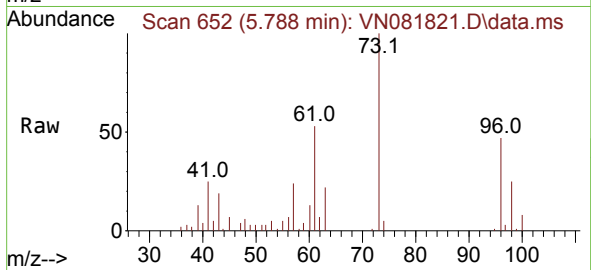




#19
trans-1,2-Dichloroethene
Concen: 16.786 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

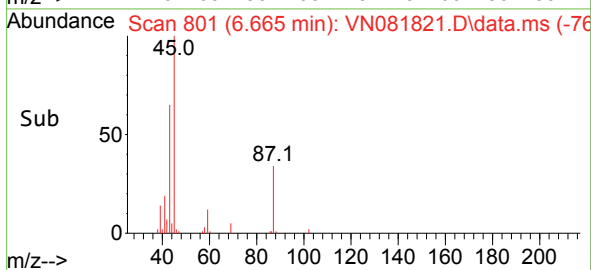
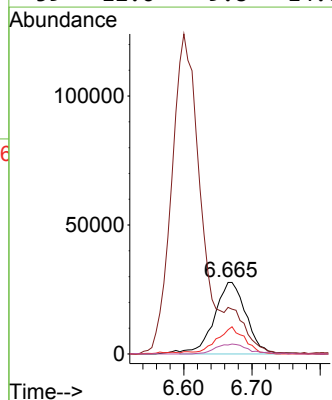
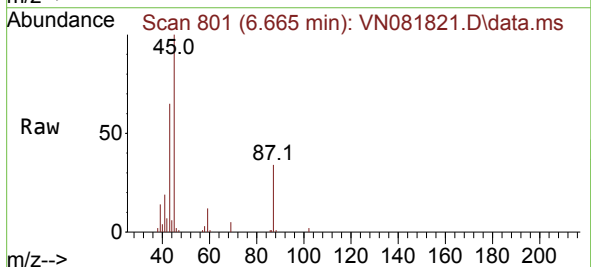
Instrument :
MSVOA_N
ClientSampleId :

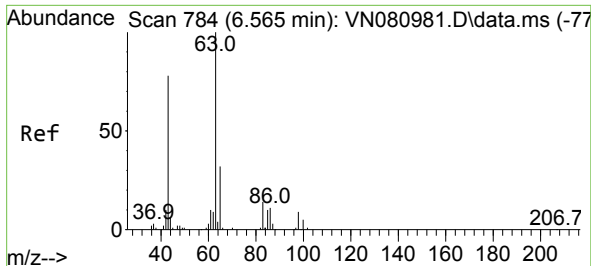
Tgt Ion: 96 Resp: 31318
Ion Ratio Lower Upper
96 100
61 112.9 111.8 167.6
98 53.5 49.2 73.8



#20
Diisopropyl ether
Concen: 18.248 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 45 Resp: 89414
Ion Ratio Lower Upper
45 100
43 64.0 40.4 60.6#
87 34.2 23.8 35.8
59 12.6 9.8 14.6





#21

1,1-Dichloroethane

Concen: 18.147 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.006 min

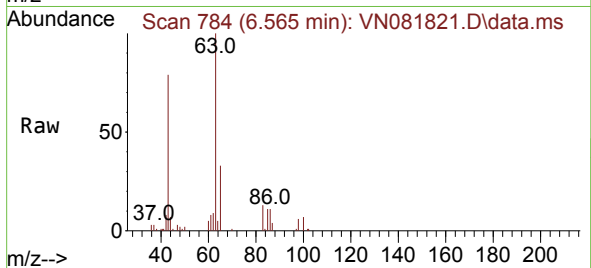
Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

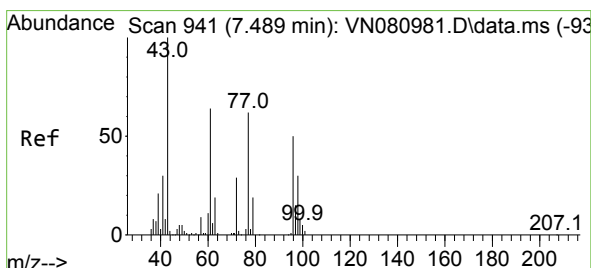
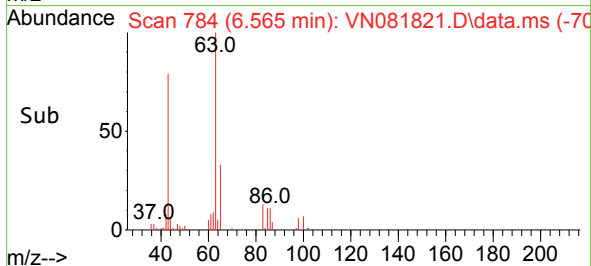
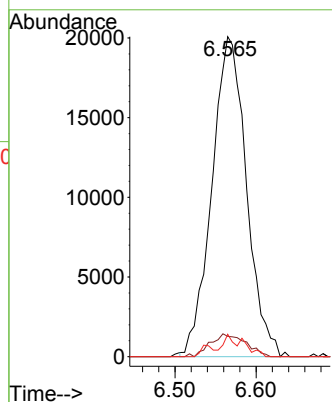
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 63	Resp: 59284
Ion Ratio	Lower Upper
63 100	
98 6.3	4.1 12.3
100 7.0	3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 17.166 ug/l

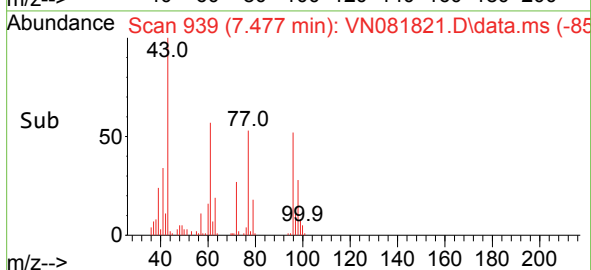
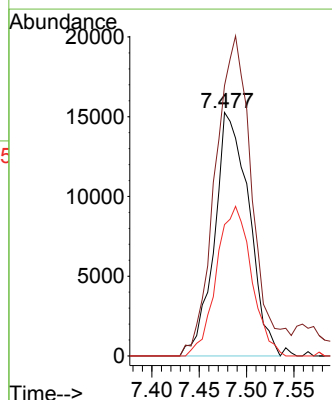
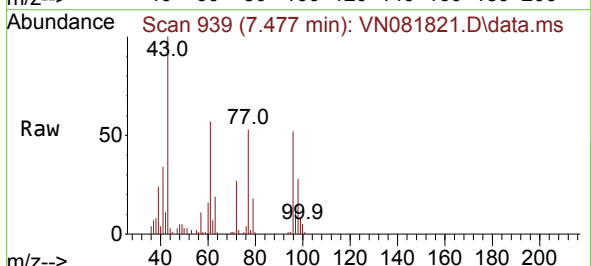
RT: 7.477 min Scan# 939

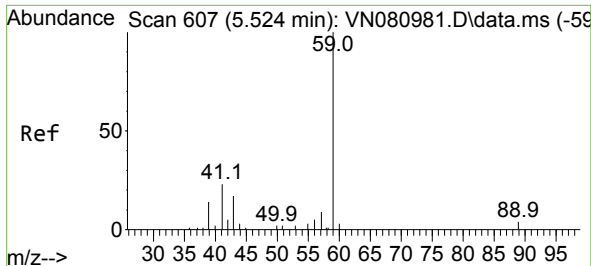
Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

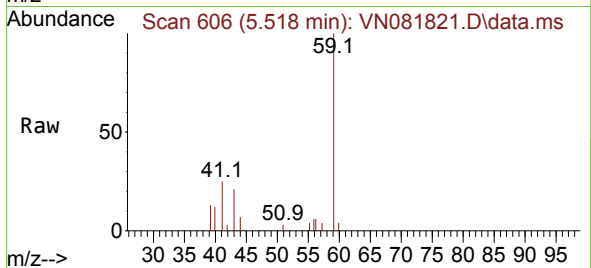
Tgt Ion: 96	Resp: 38674		
Ion Ratio	Lower	Upper	
96	100		
61	138.0	113.5	170.3
98	62.5	52.0	78.0



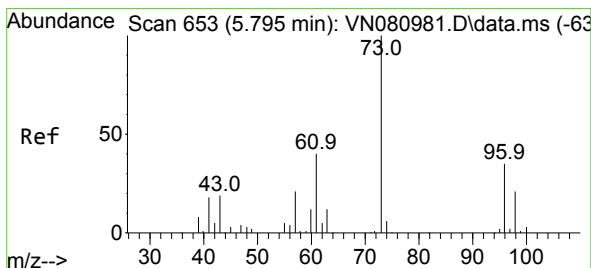
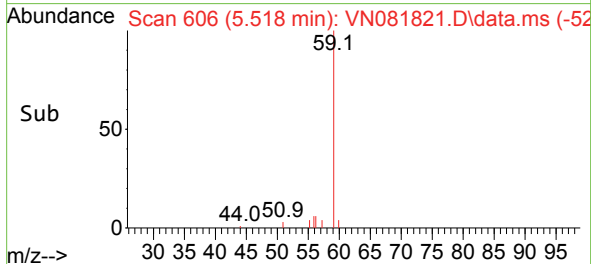
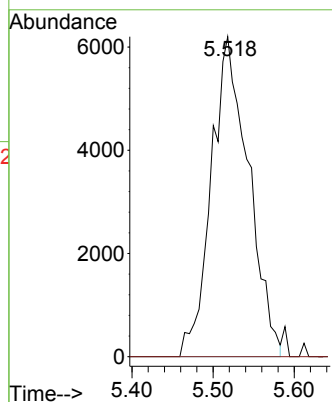


#23
tert-Butyl Alcohol
Concen: 71.649 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

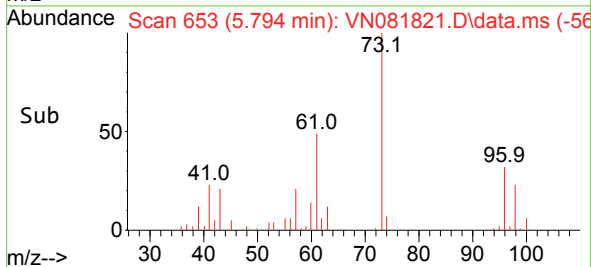
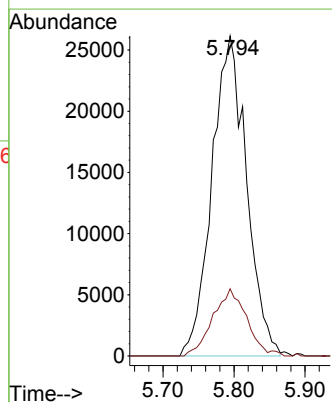
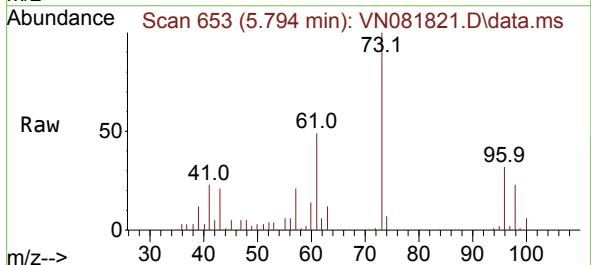


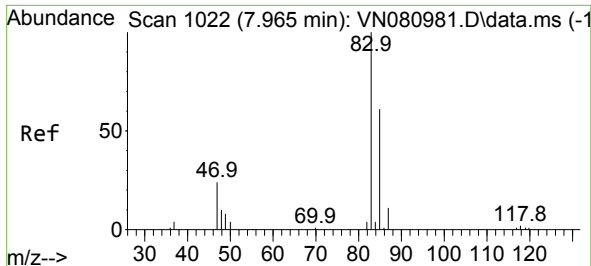
Tgt Ion: 59 Resp: 19779
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.623 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 73 Resp: 88453
Ion Ratio Lower Upper
73 100
43 20.2 13.4 20.2

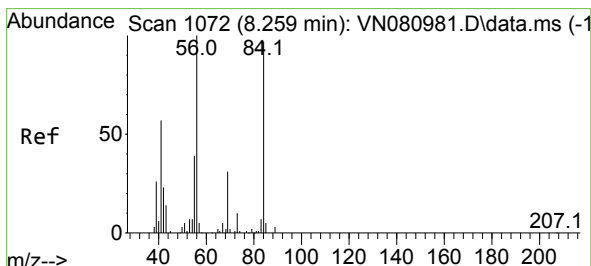
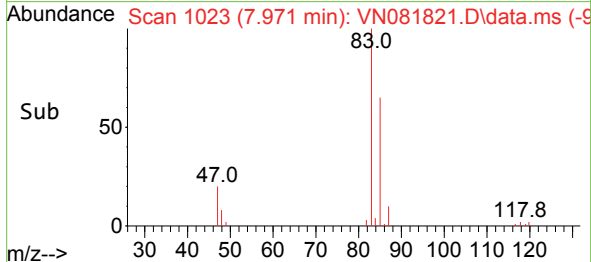
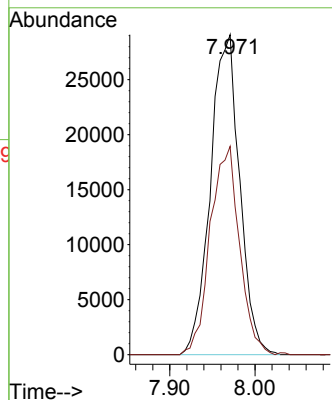
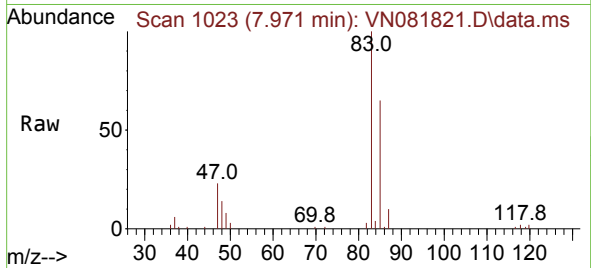




#25
Chloroform
Concen: 18.641 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

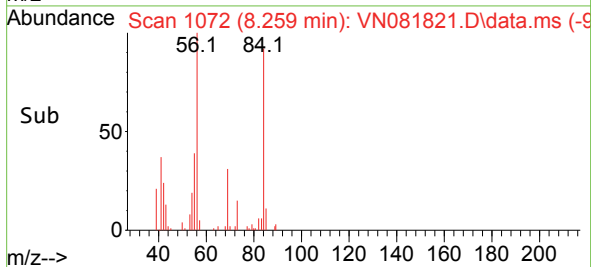
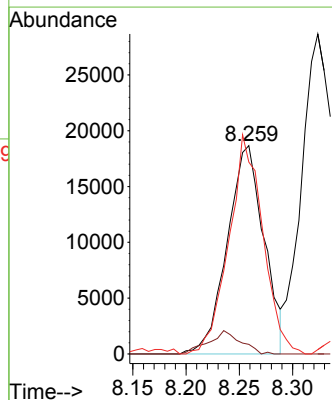
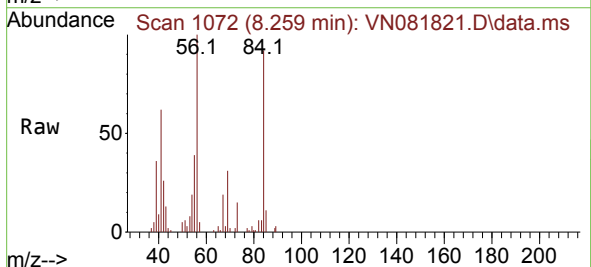
Instrument :
MSVOA_N
ClientSampleId :

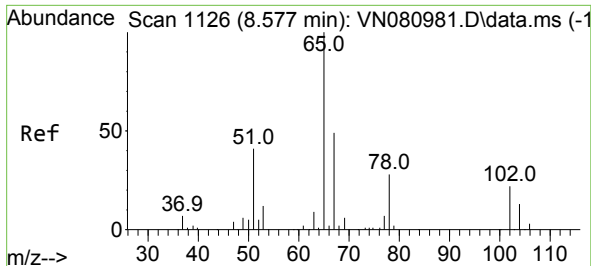
Tgt Ion: 83 Resp: 69289
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3



#26
Cyclohexane
Concen: 17.094 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 56 Resp: 44769
Ion Ratio Lower Upper
56 100
89 0.1 19.3 28.9#
84 97.3 71.3 106.9

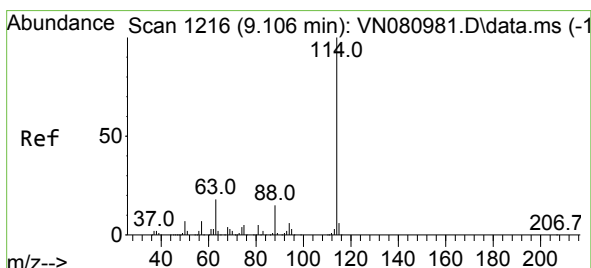
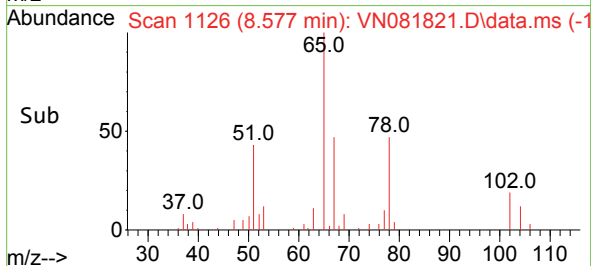
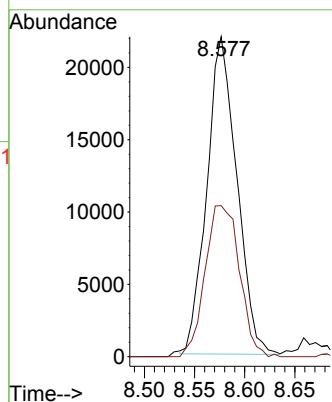
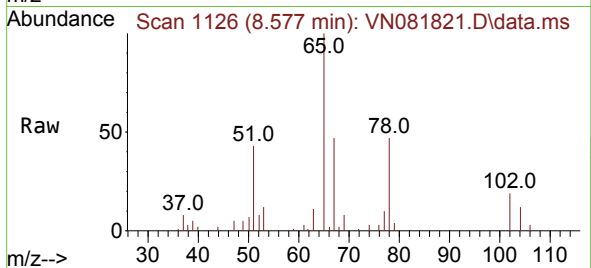




#27
 1,2-Dichloroethane-d4
 Concen: 28.117 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

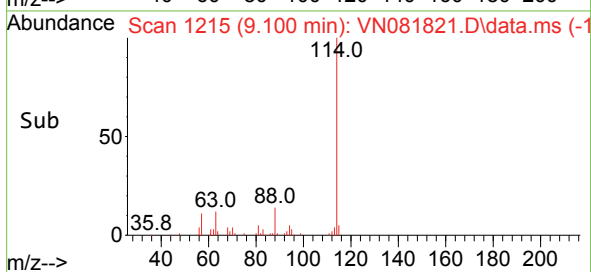
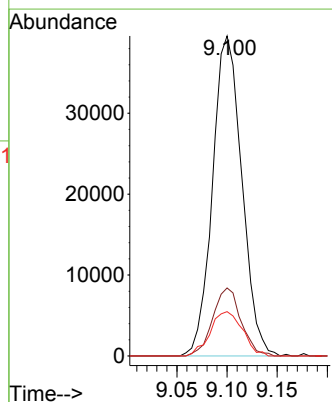
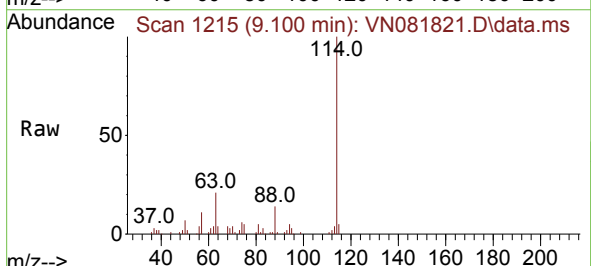
Instrument :
 MSVOA_N
 ClientSampleId :

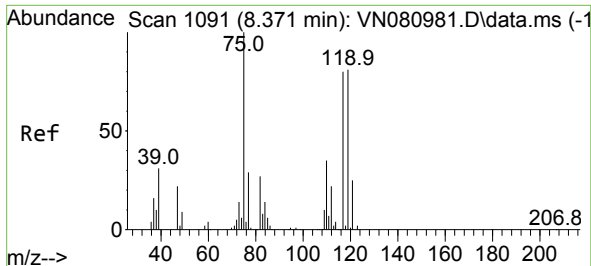
Tgt Ion: 65 Resp: 45636
 Ion Ratio Lower Upper
 65 100
 67 54.4 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion: 114 Resp: 80447
 Ion Ratio Lower Upper
 114 100
 63 20.5 15.9 23.9
 88 15.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.048 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

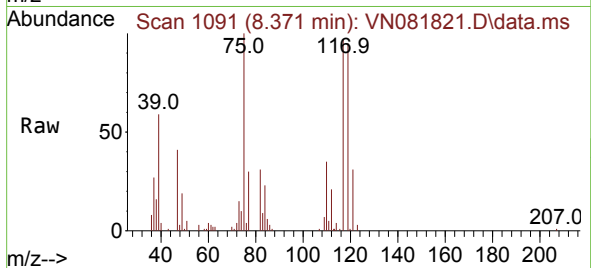
Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :



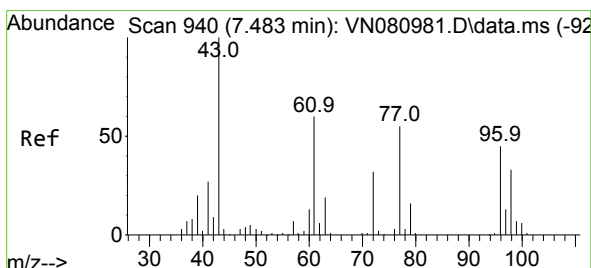
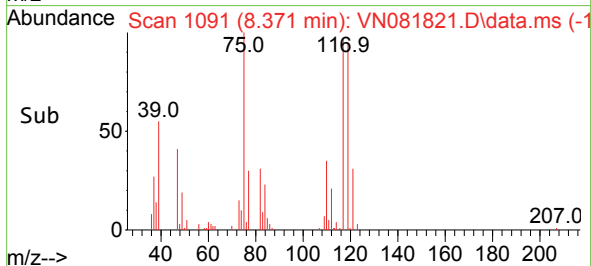
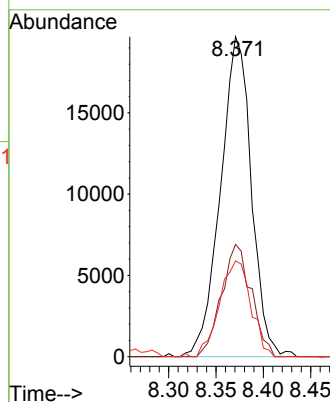
Tgt Ion: 75 Resp: 44516

Ion Ratio Lower Upper

75 100

110 33.8 0.0 70.2

77 30.4 0.0 61.4



#30

2-Butanone

Concen: 100.455 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

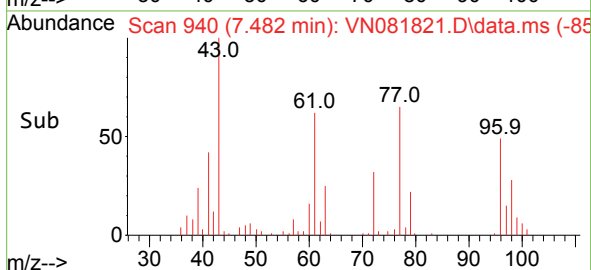
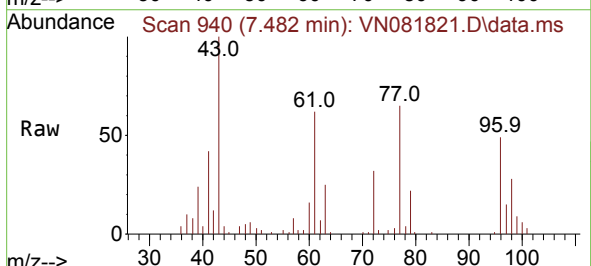
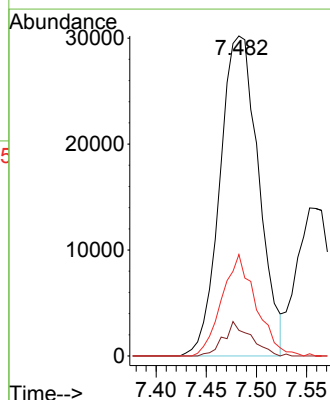
Tgt Ion: 43 Resp: 81140

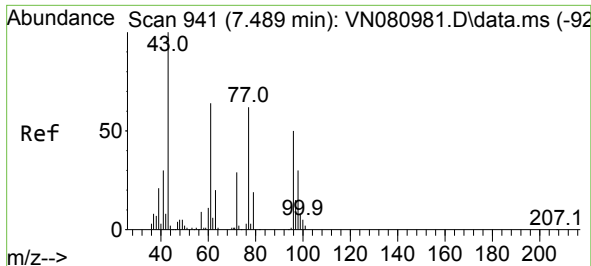
Ion Ratio Lower Upper

43 100

57 7.5 6.7 10.1

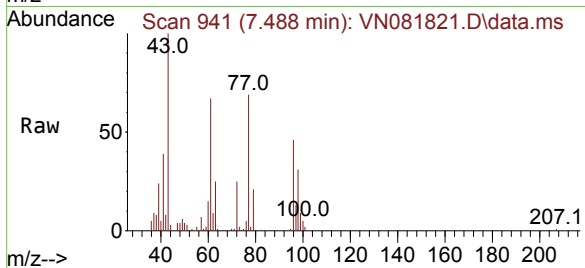
72 27.9 24.0 36.0



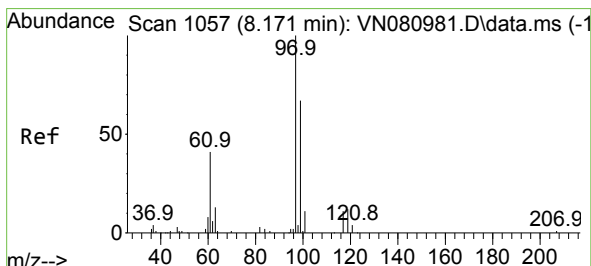
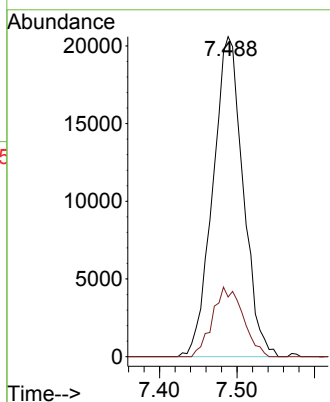
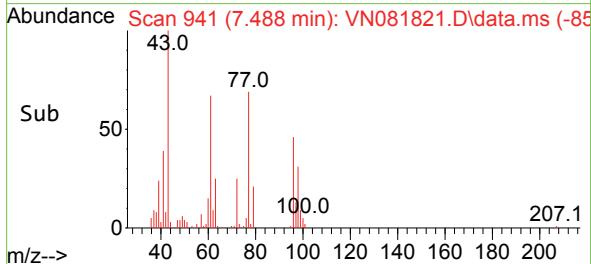


#31
2,2-Dichloropropane
Concen: 21.237 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

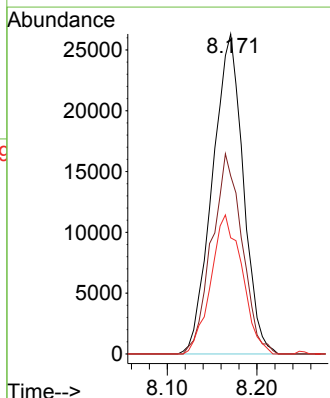
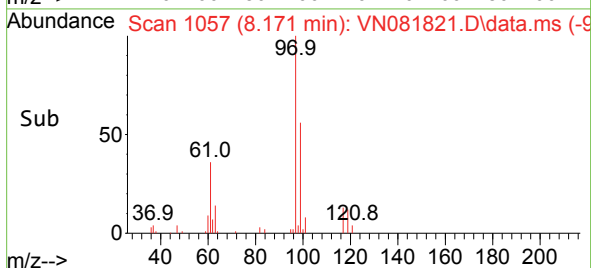
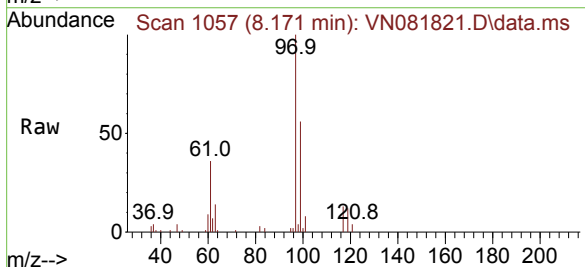


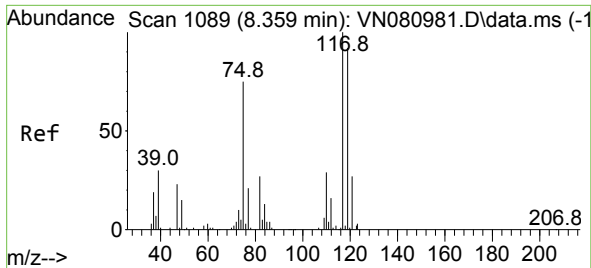
Tgt Ion: 77 Resp: 55947
Ion Ratio Lower Upper
77 100
97 21.9 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 21.492 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 97 Resp: 62647
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.4
61 44.3 33.8 50.8

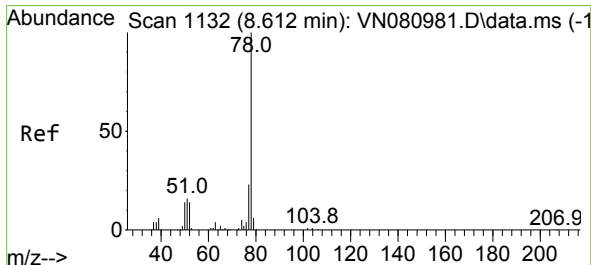
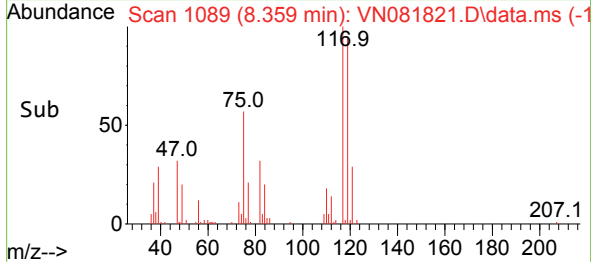
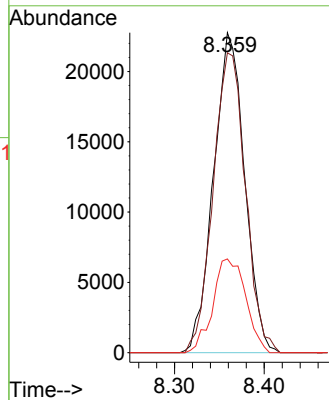
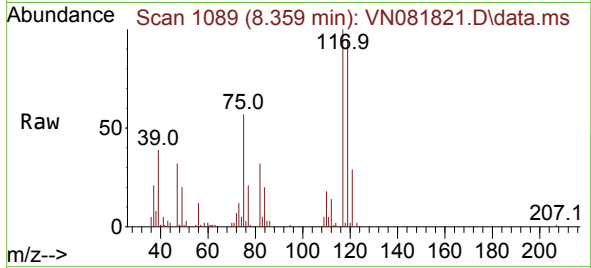




#33
Carbon Tetrachloride
Concen: 20.740 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

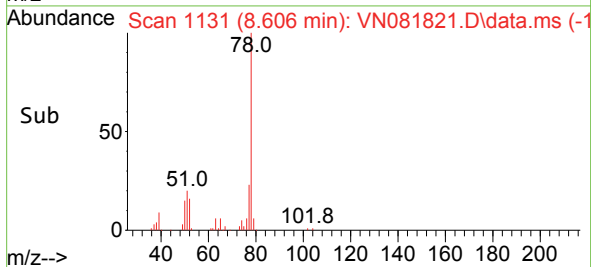
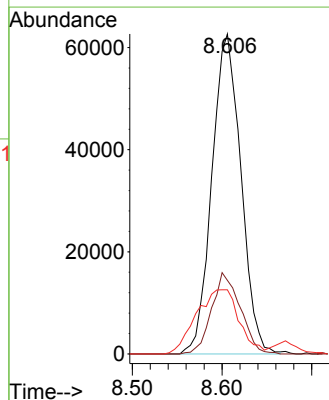
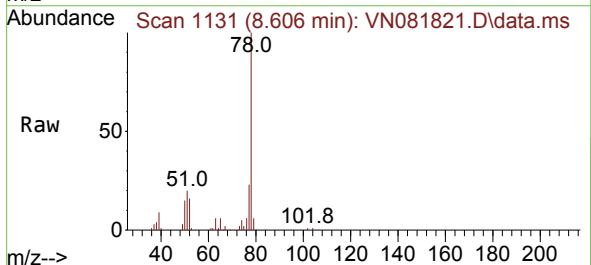
Instrument :
MSVOA_N
ClientSampleId :

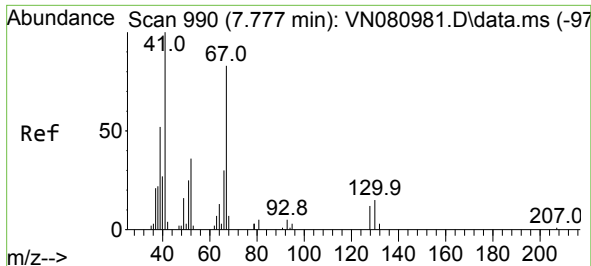
Tgt Ion:117 Resp: 54798
Ion Ratio Lower Upper
117 100
119 93.7 77.7 116.5
121 29.3 27.0 40.6



#34
Benzene
Concen: 20.659 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

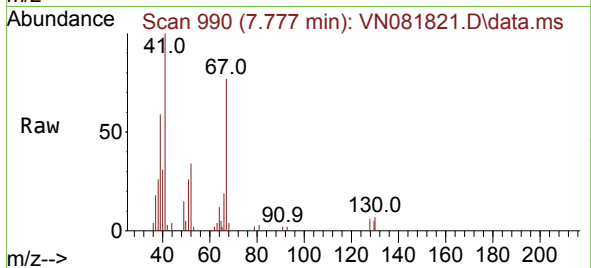
Tgt Ion: 78 Resp: 140749
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
51 17.0 13.3 19.9



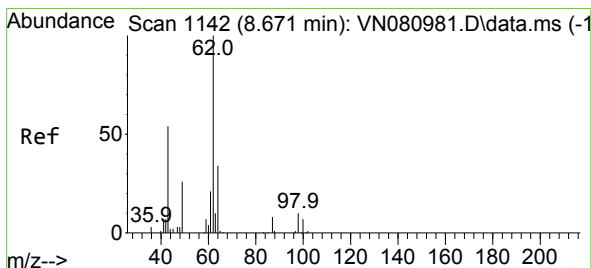
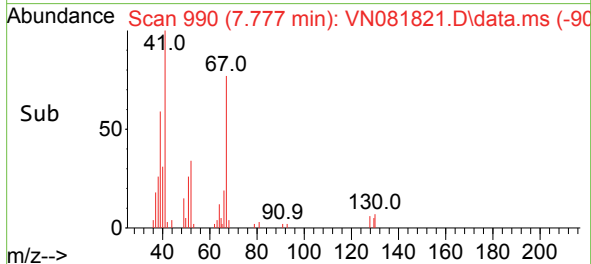
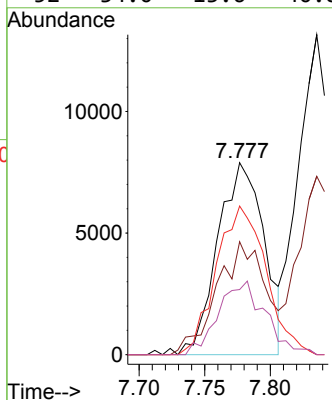


#35
Methacrylonitrile
Concen: 21.248 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

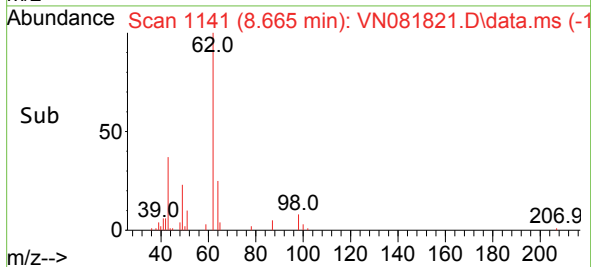
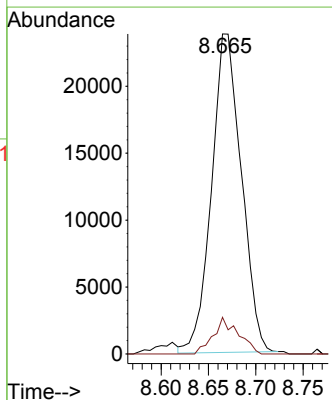
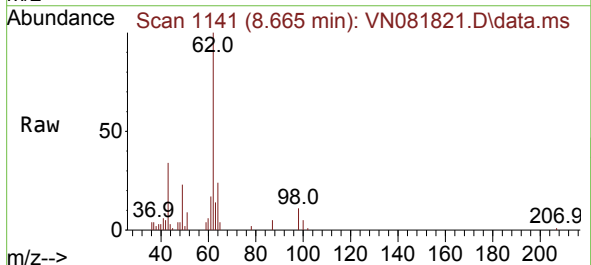


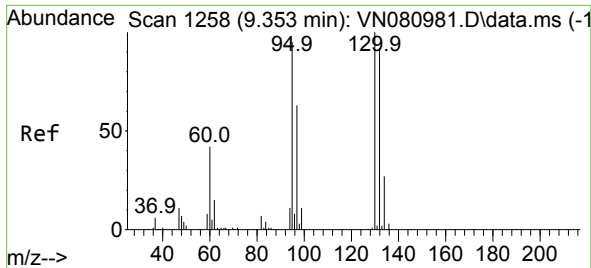
Tgt Ion:	41	Resp:	19440
Ion Ratio	Lower	Upper	
41	100		
39	56.4	25.3	75.9
67	77.4	38.7	116.1
52	34.0	13.6	40.8



#36
1,2-Dichloroethane
Concen: 23.313 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion:	62	Resp:	52098
Ion Ratio	Lower	Upper	
62	100		
98	9.6	8.2	12.4

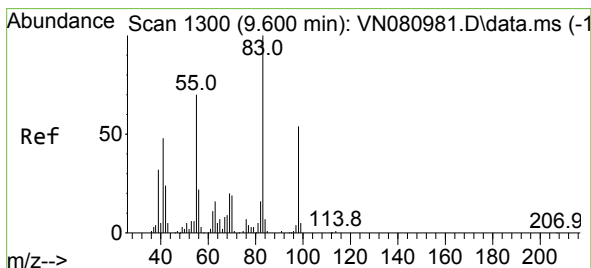
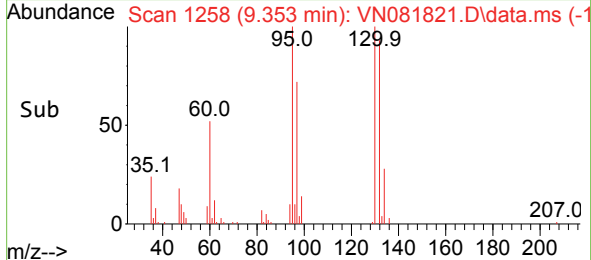
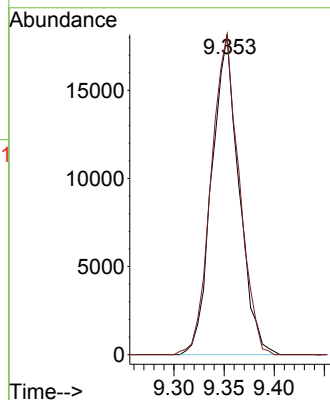
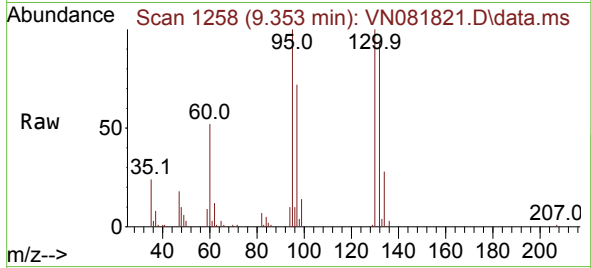




#37
Trichloroethene
Concen: 18.941 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

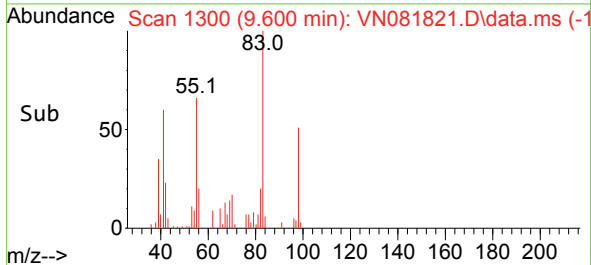
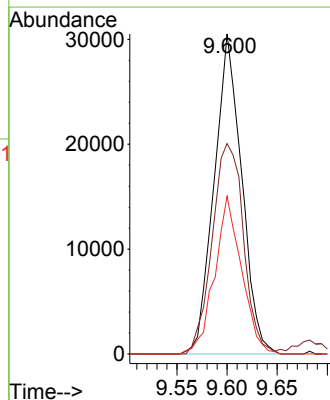
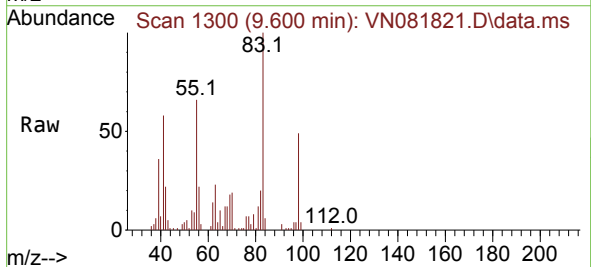
Instrument :
MSVOA_N
ClientSampleId :

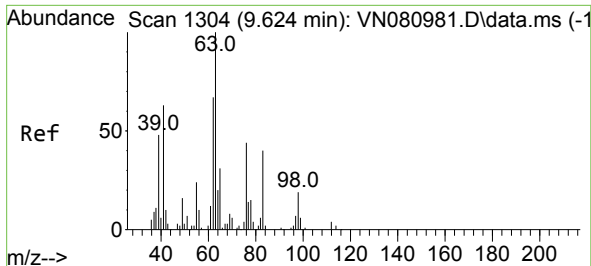
Tgt Ion:130 Resp: 34149
Ion Ratio Lower Upper
130 100
95 100.3 80.2 120.4



#38
Methylcyclohexane
Concen: 22.511 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 83 Resp: 58192
Ion Ratio Lower Upper
83 100
55 74.7 36.6 109.9
98 48.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 26.485 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

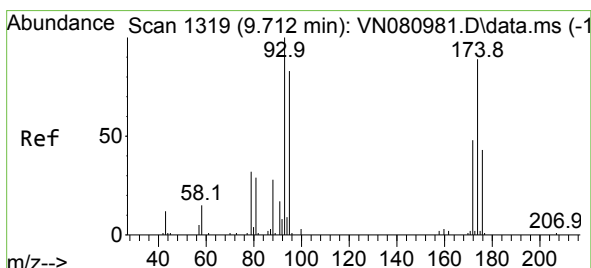
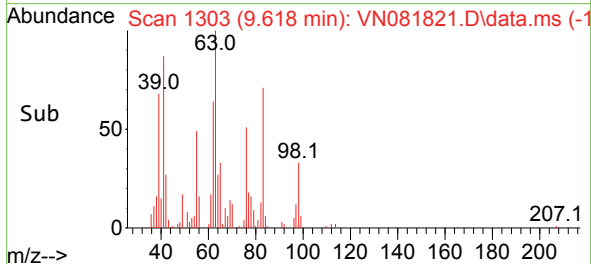
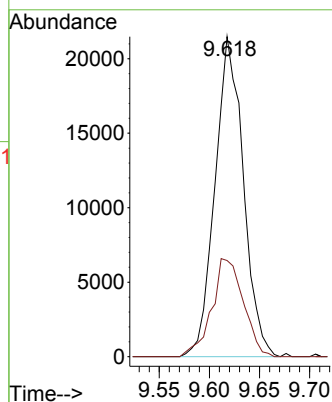
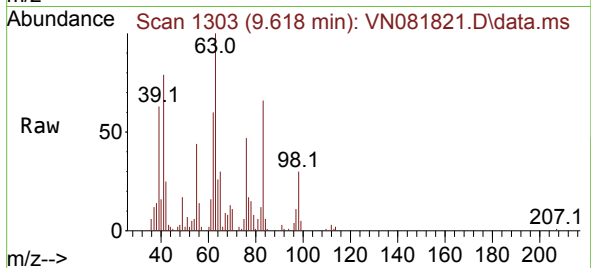
ClientSampleId :

Tgt Ion: 63 Resp: 42096

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.4



#40

Dibromomethane

Concen: 27.527 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

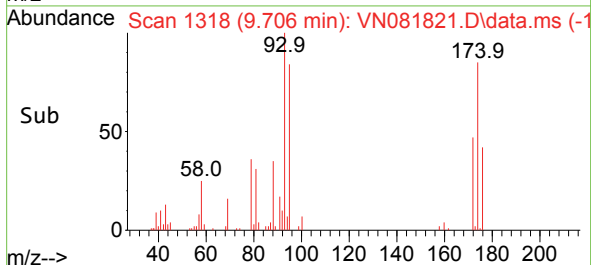
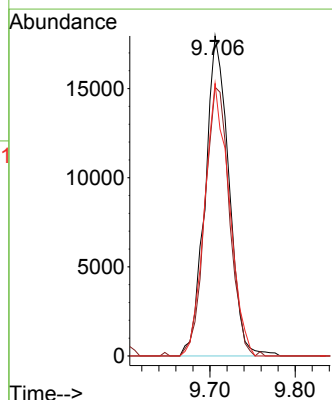
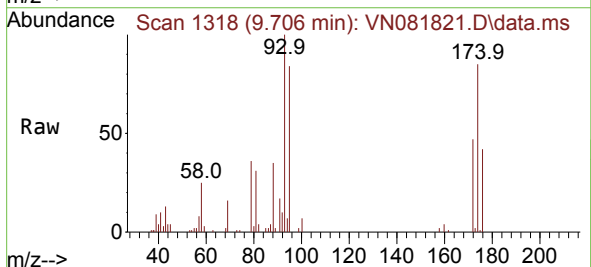
Tgt Ion: 93 Resp: 34852

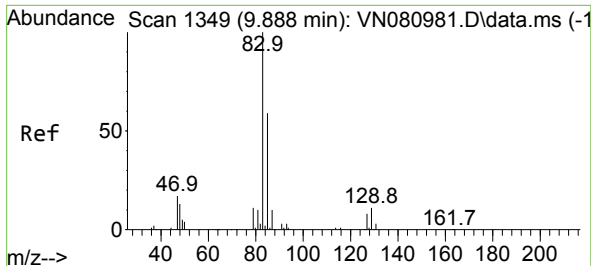
Ion Ratio Lower Upper

93 100

95 86.4 0.0 164.6

174 87.9 0.0 193.2

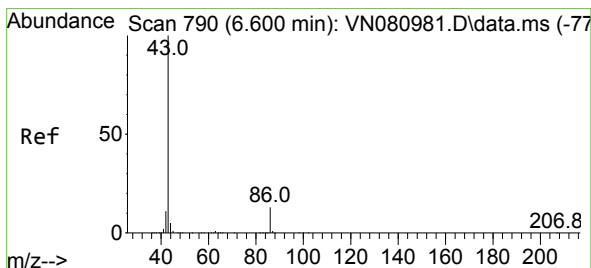
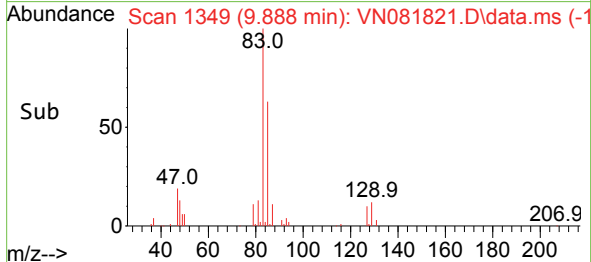
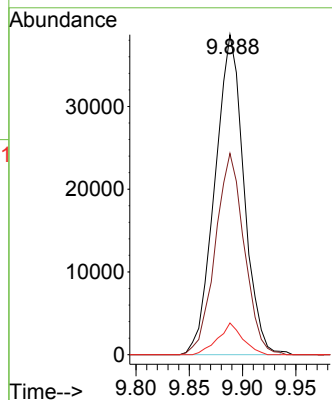
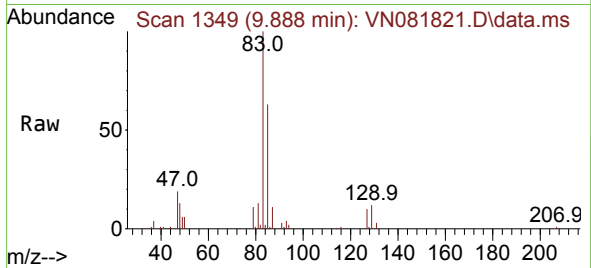




#41
Bromodichloromethane
Concen: 28.278 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

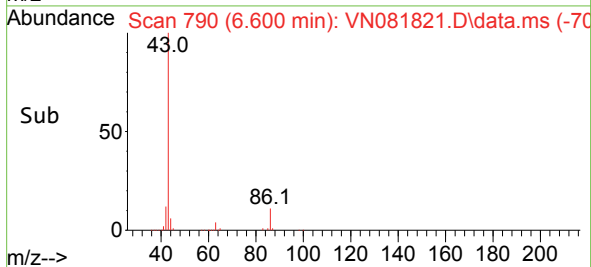
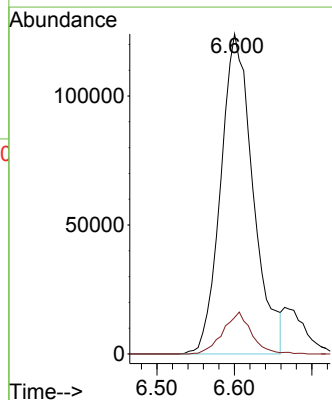
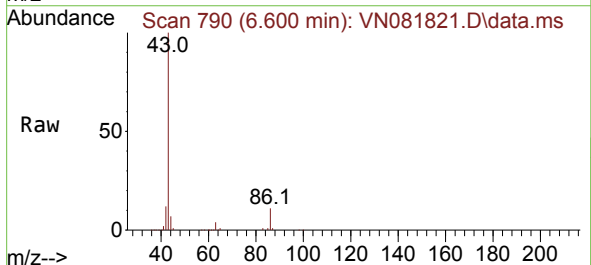
Instrument :
MSVOA_N
ClientSampleId :

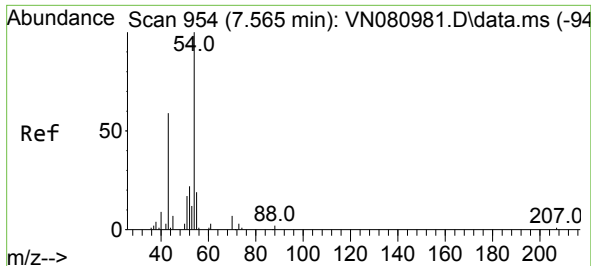
Tgt Ion: 83 Resp: 73010
Ion Ratio Lower Upper
83 100
85 62.9 49.4 74.2
127 9.9 7.3 10.9



#42
Vinyl Acetate
Concen: 107.345 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

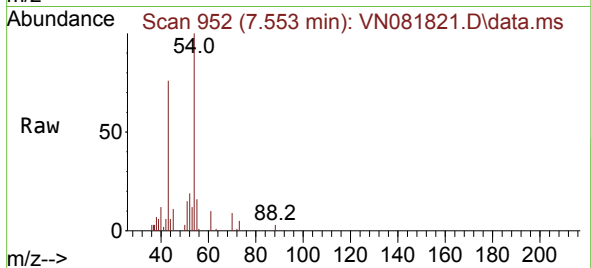
Tgt Ion: 43 Resp: 361196
Ion Ratio Lower Upper
43 100
86 11.3 9.4 14.2



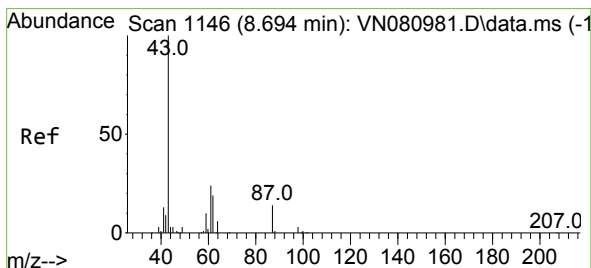
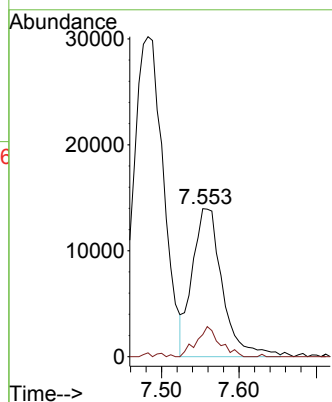
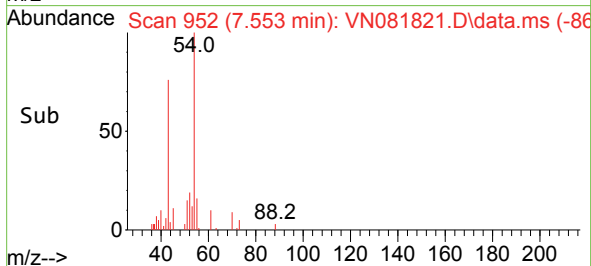


#43
Ethyl Acetate
Concen: 21.133 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

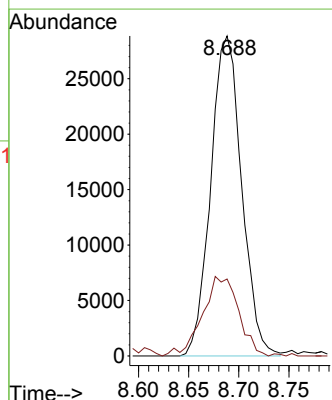
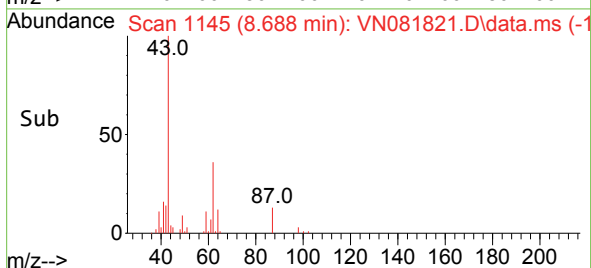
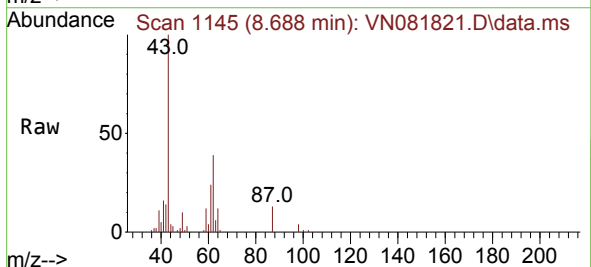


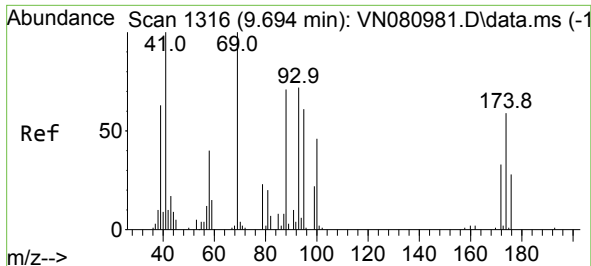
Tgt Ion: 43 Resp: 37620
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8



#44
Isopropyl Acetate
Concen: 20.727 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

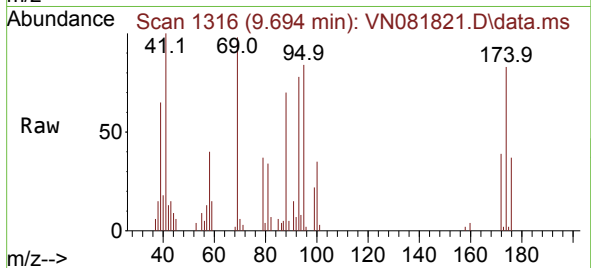
Tgt Ion: 43 Resp: 61823
Ion Ratio Lower Upper
43 100
61 28.2 25.0 37.4



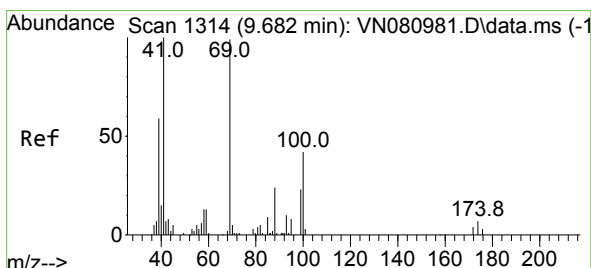
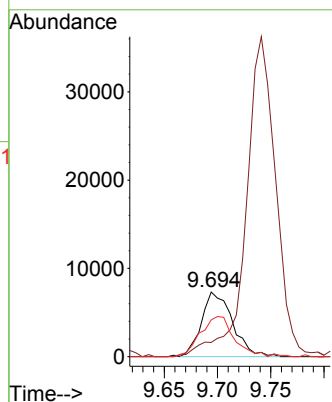
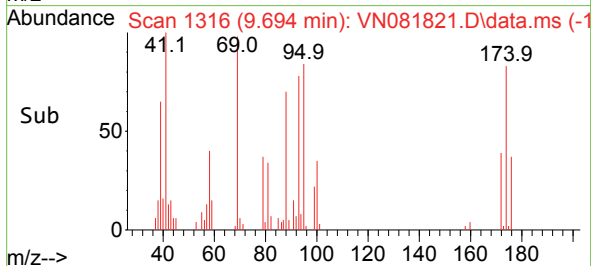


#45
1,4-Dioxane
Concen: 450.737 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

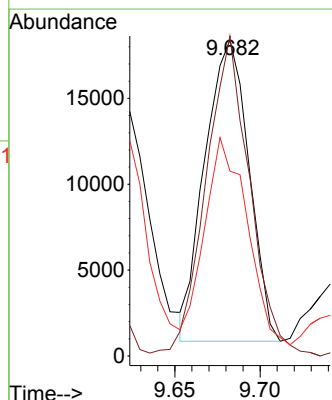
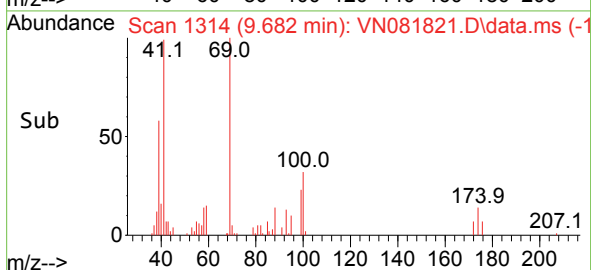
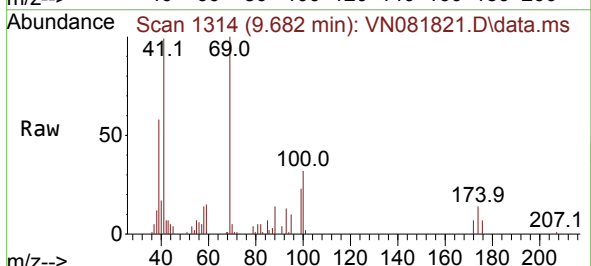


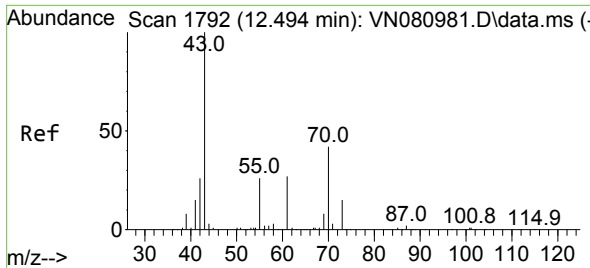
Tgt Ion: 88 Resp: 14841
Ion Ratio Lower Upper
88 100
43 0.0 19.8 29.6#
58 66.7 55.4 83.0



#46
Methyl methacrylate
Concen: 23.437 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 41 Resp: 31436
Ion Ratio Lower Upper
41 100
69 99.5 51.1 153.3
39 55.3 25.8 77.3

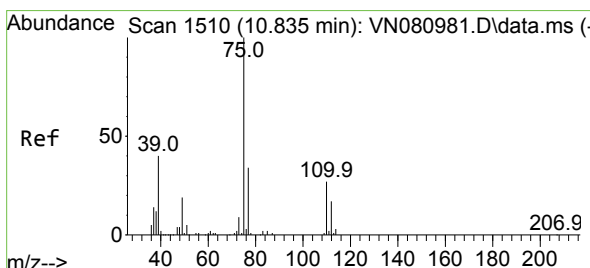
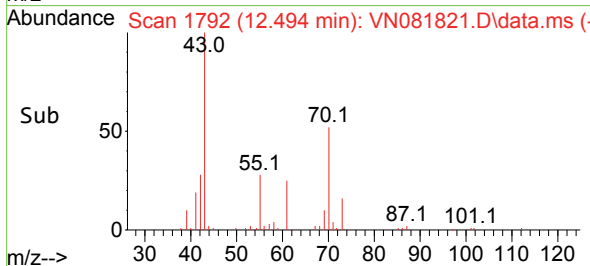
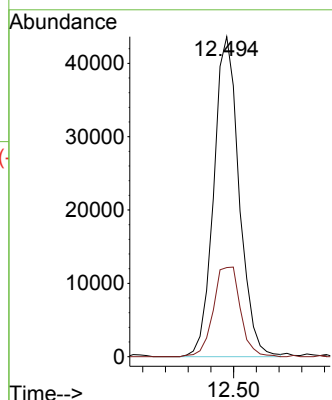
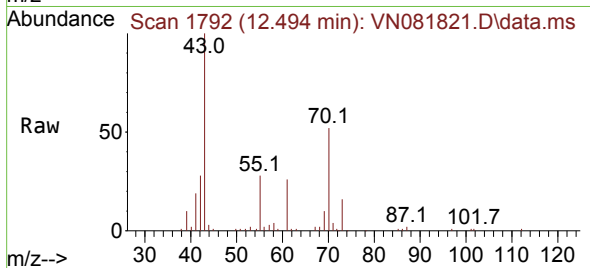




#47
n-amyl acetate
Concen: 25.302 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

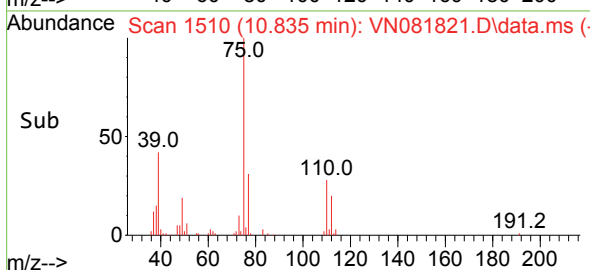
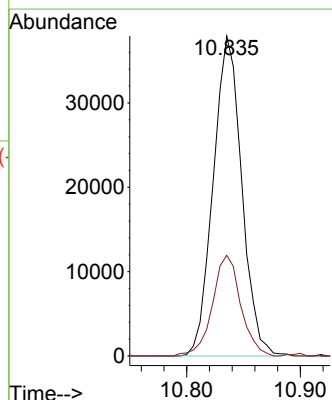
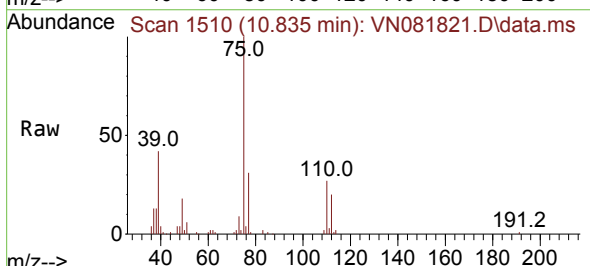
Instrument :
MSVOA_N
ClientSampleId :

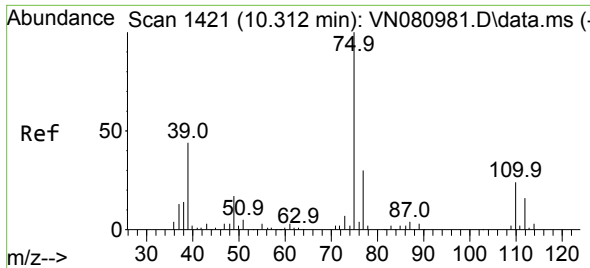
Tgt Ion: 43 Resp: 67719
Ion Ratio Lower Upper
43 100
55 29.8 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 26.866 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 75 Resp: 66084
Ion Ratio Lower Upper
75 100
77 31.5 23.8 35.6

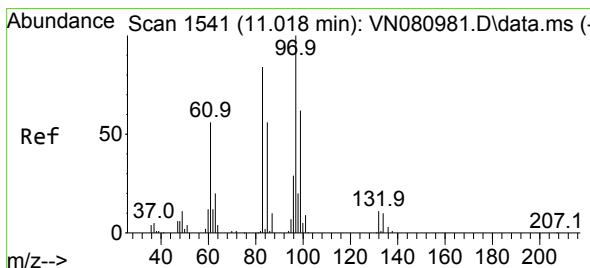
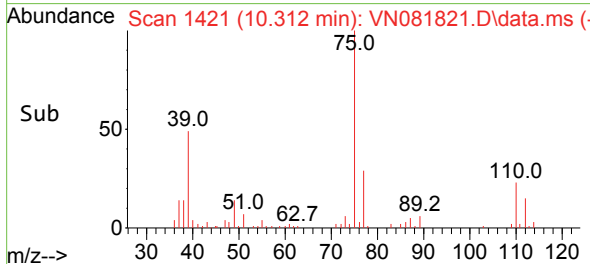
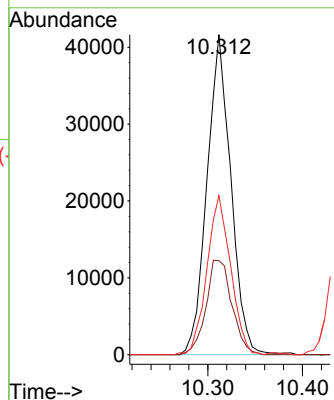
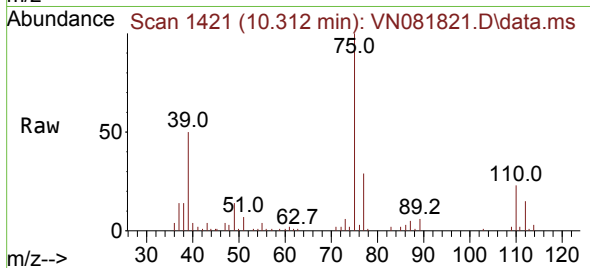




#49
 cis-1,3-Dichloropropene
 Concen: 27.528 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

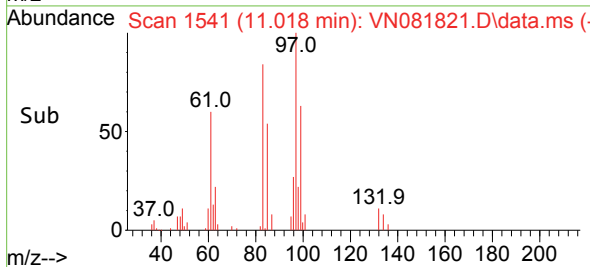
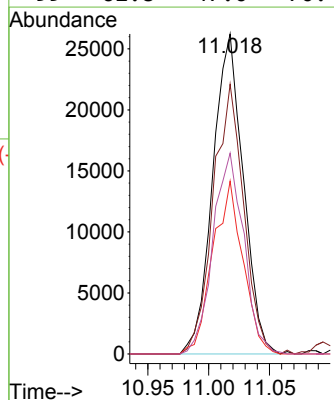
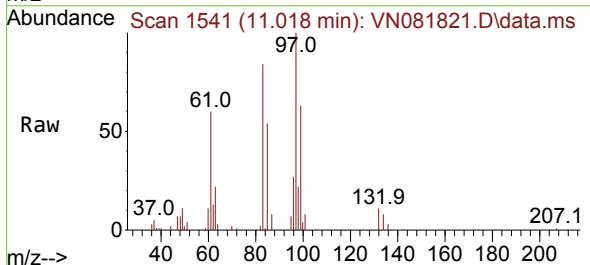
Instrument :
 MSVOA_N
 ClientSampleId :

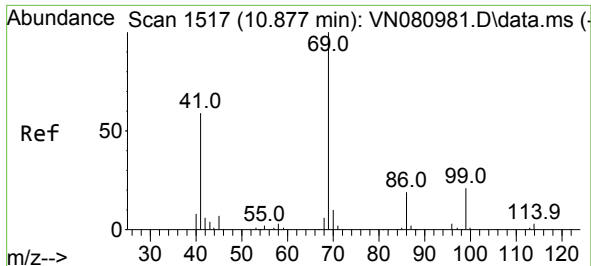
Tgt Ion:	75	Resp:	72921
Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.9	37.3
39	49.3	31.0	46.6#



#50
 1,1,2-Trichloroethane
 Concen: 26.984 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion:	97	Resp:	45746
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.1	102.1
85	54.0	41.8	62.6
99	62.8	47.0	70.4

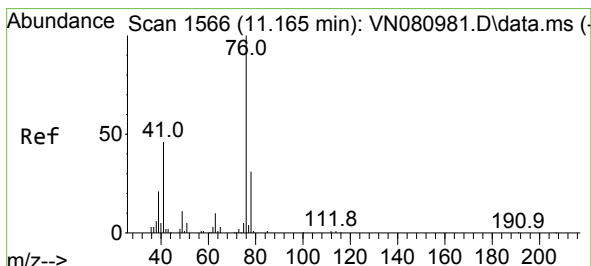
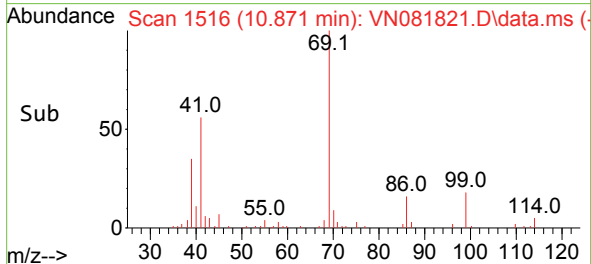
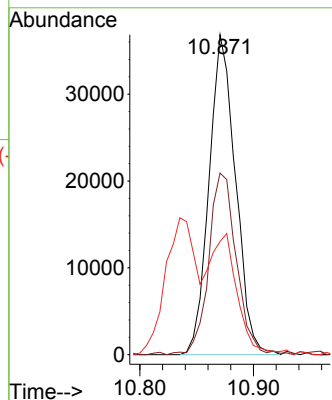
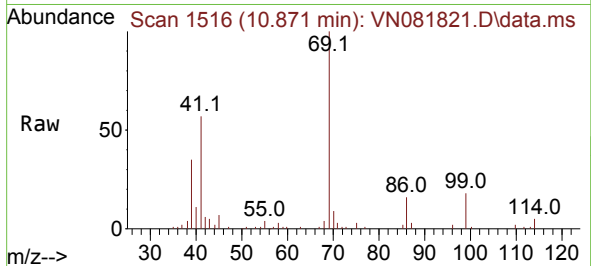




#51
Ethyl methacrylate
Concen: 25.320 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

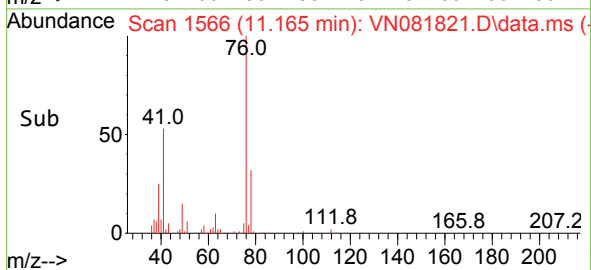
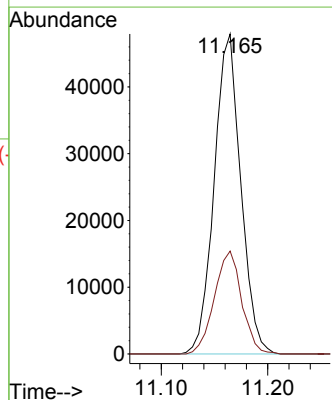
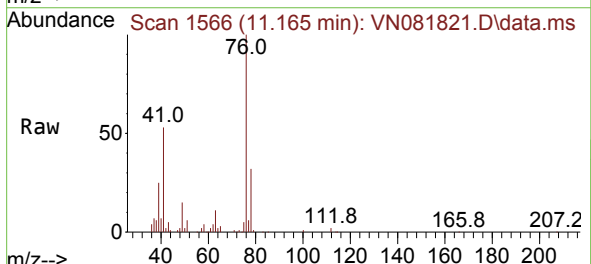
Instrument :
MSVOA_N
ClientSampleId :

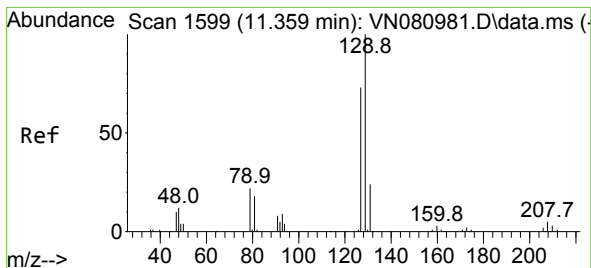
Tgt Ion: 69 Resp: 59770
Ion Ratio Lower Upper
69 100
41 56.3 25.5 76.5
39 34.3 16.0 47.9



#52
1,3-Dichloropropane
Concen: 29.849 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 76 Resp: 82945
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8





#53

Dibromochloromethane

Concen: 26.588 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

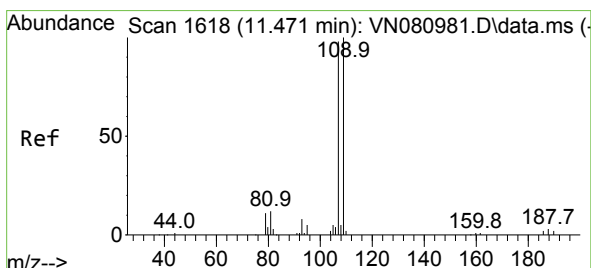
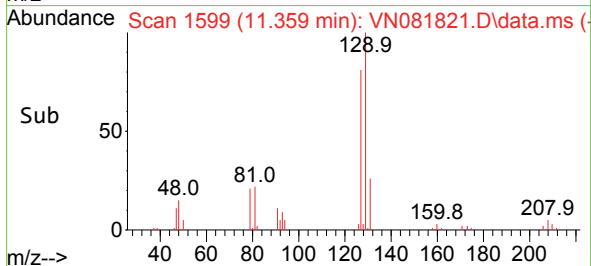
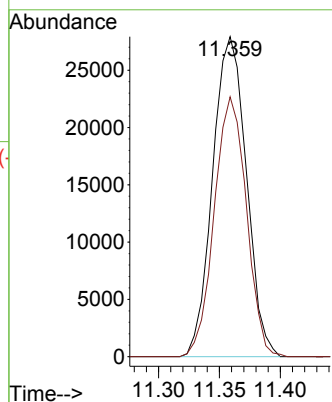
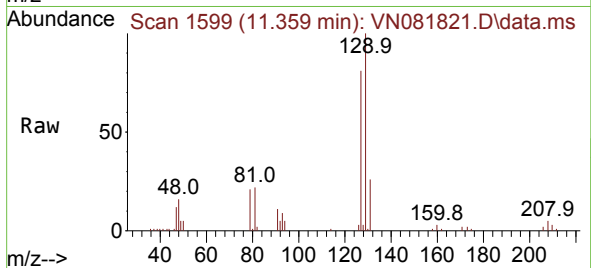
ClientSampleId :

Tgt Ion:129 Resp: 53845

Ion Ratio Lower Upper

129 100

127 77.3 39.4 118.1



#54

1,2-Dibromoethane

Concen: 24.963 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN081821.D

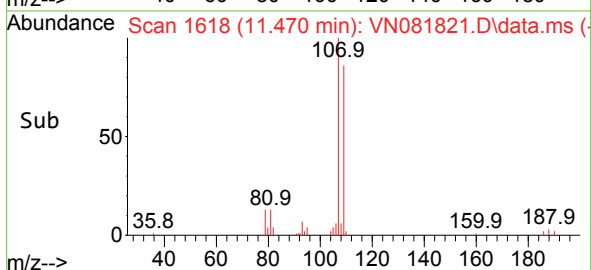
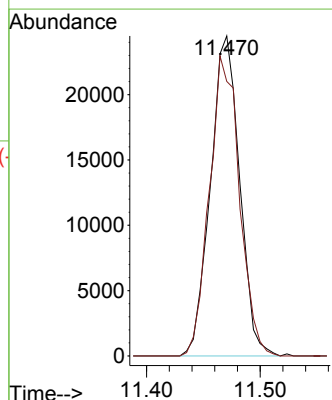
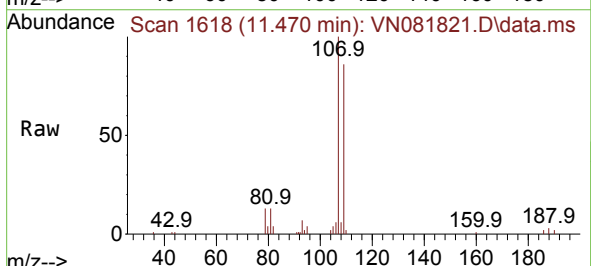
Acq: 22 Apr 2024 10:17

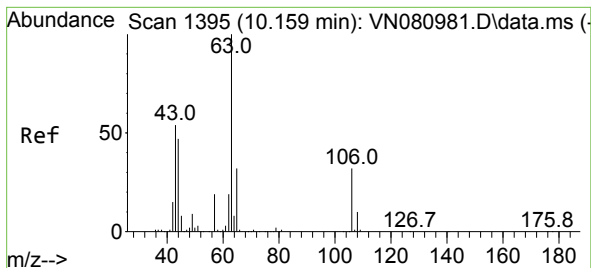
Tgt Ion:107 Resp: 43745

Ion Ratio Lower Upper

107 100

109 96.4 74.7 112.1

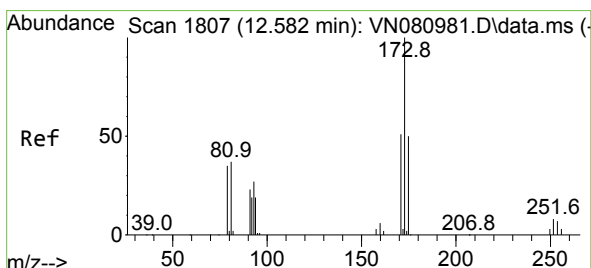
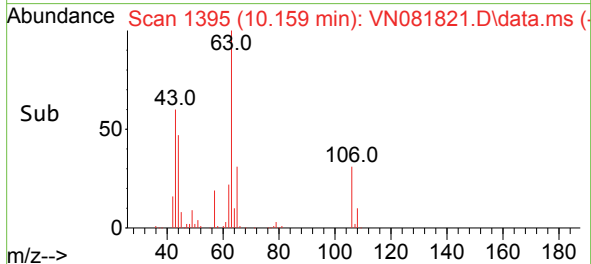
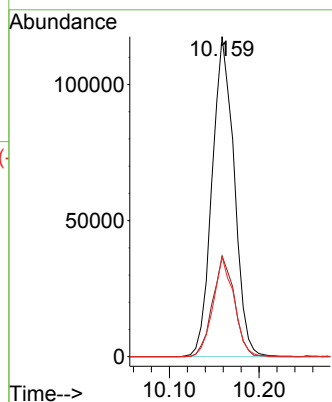
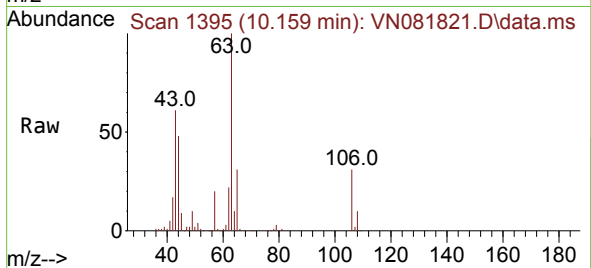




#55
2-Chloroethyl vinyl ether
Concen: 173.184 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

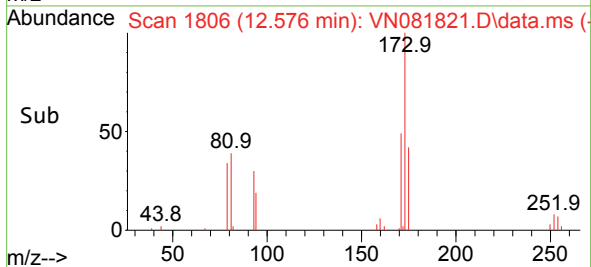
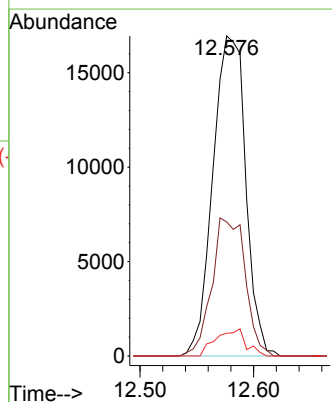
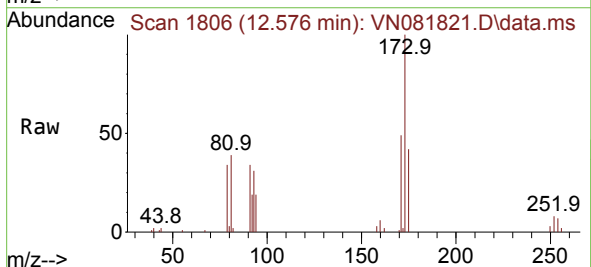
Instrument :
MSVOA_N
ClientSampleId :

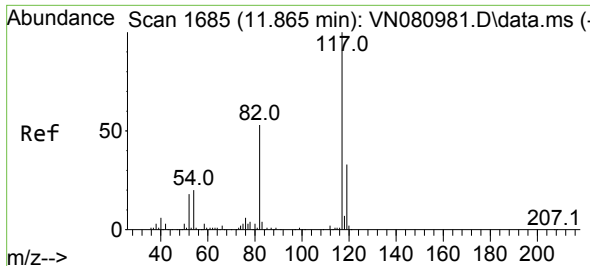
Tgt Ion: 63 Resp: 200755
Ion Ratio Lower Upper
63 100
65 31.1 26.2 39.2
106 29.7 23.8 35.8



#56
Bromoform
Concen: 26.238 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

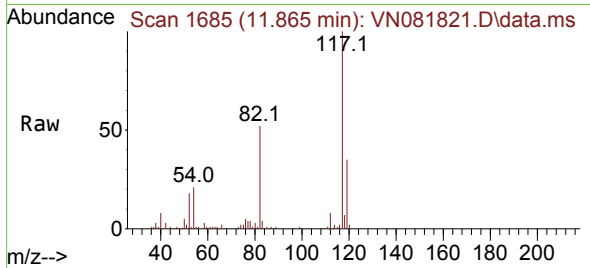
Tgt Ion: 173 Resp: 33977
Ion Ratio Lower Upper
173 100
175 30.2 40.0 60.0#
254 7.0 8.3 12.5#



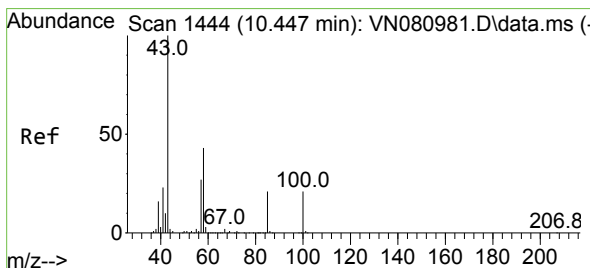
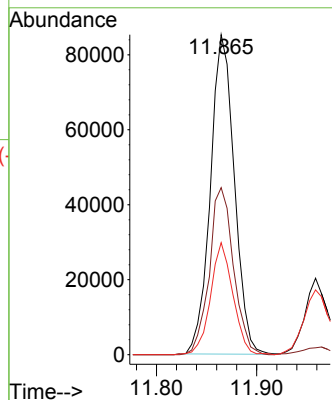
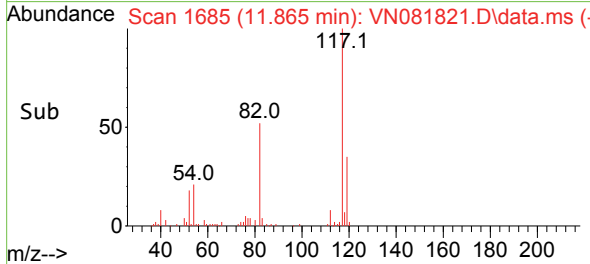


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

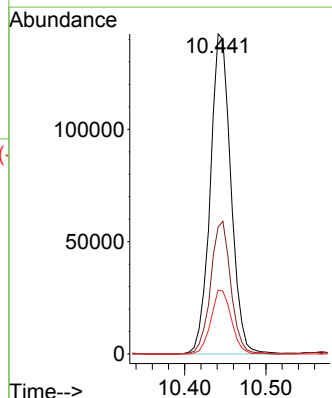
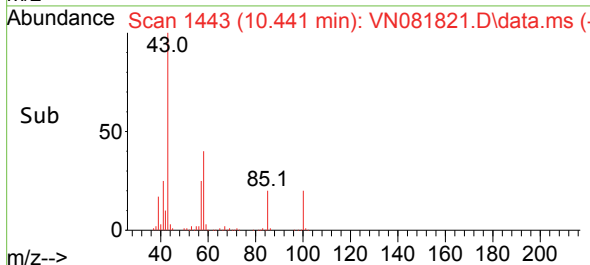
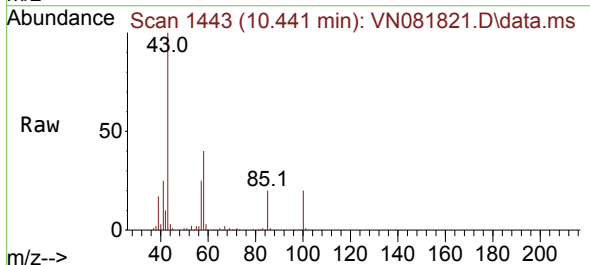


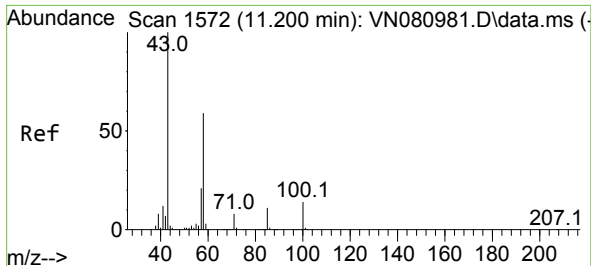
Tgt Ion:117 Resp: 141319
Ion Ratio Lower Upper
117 100
82 53.0 46.6 69.8
119 32.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 103.533 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

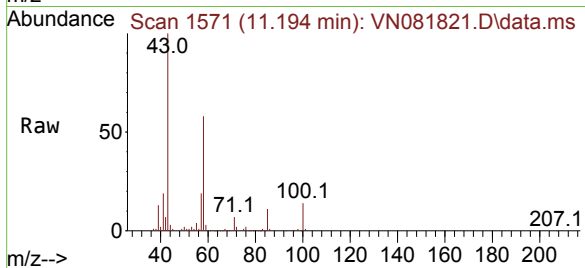
Tgt Ion: 43 Resp: 251614
Ion Ratio Lower Upper
43 100
58 40.5 36.5 54.7
85 19.7 19.5 29.3



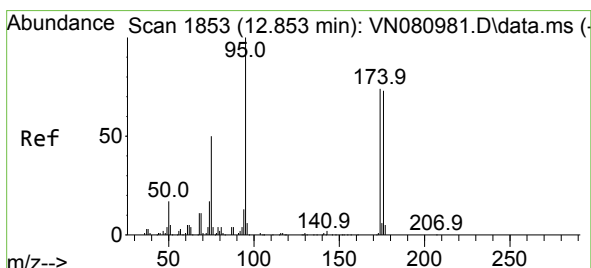
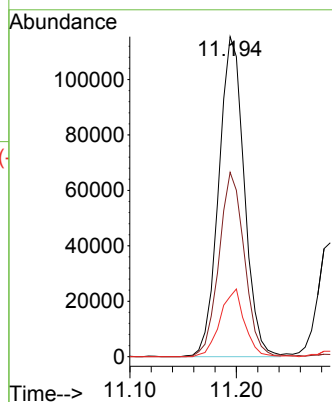
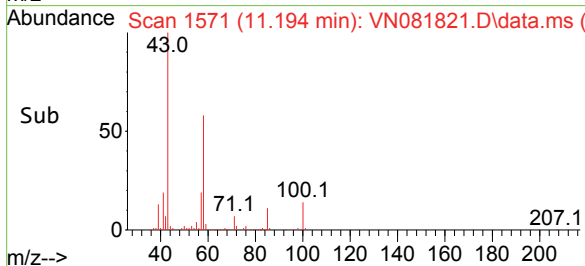


#59
2-Hexanone
Concen: 105.040 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

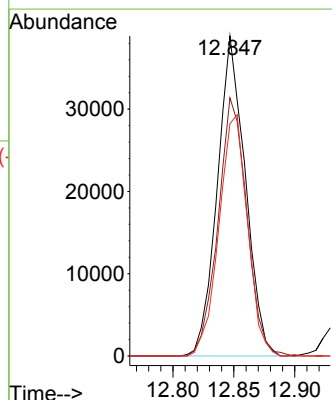
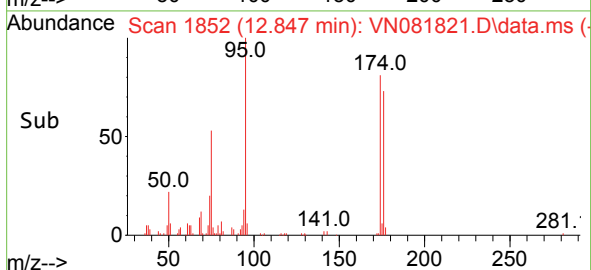
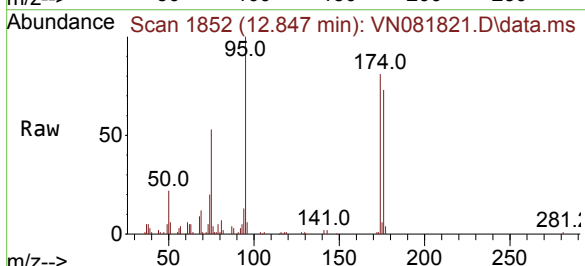


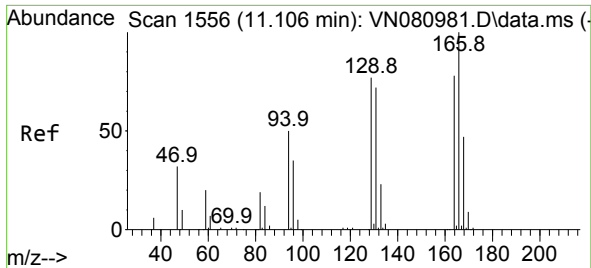
Tgt Ion: 43 Resp: 191713
Ion Ratio Lower Upper
43 100
58 57.2 50.4 75.6
57 20.3 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 22.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

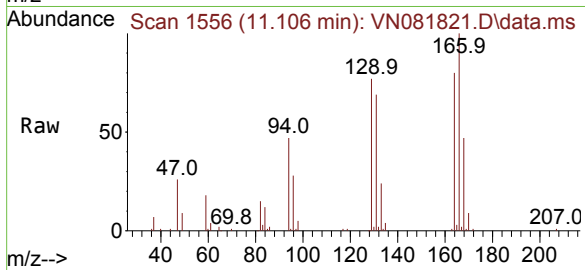
Tgt Ion: 95 Resp: 62196
Ion Ratio Lower Upper
95 100
174 82.8 60.5 90.7
176 76.9 57.8 86.6



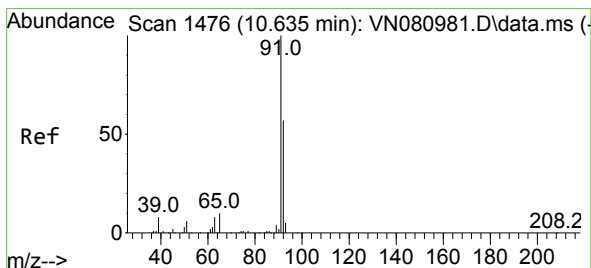
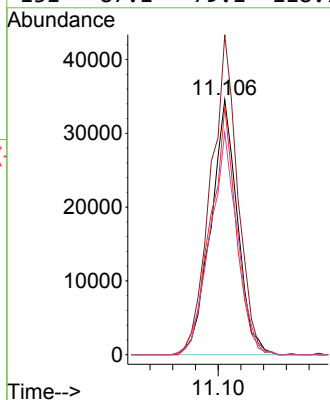
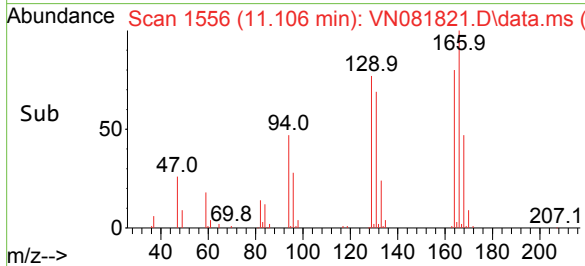


#61
Tetrachloroethene
Concen: 21.456 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

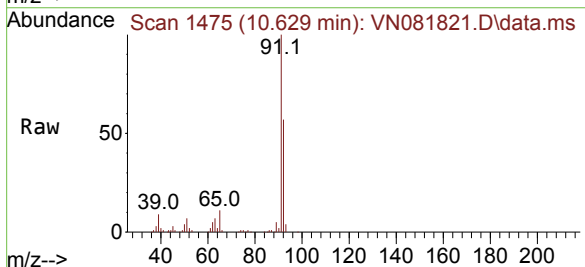
Instrument :
MSVOA_N
ClientSampleId :



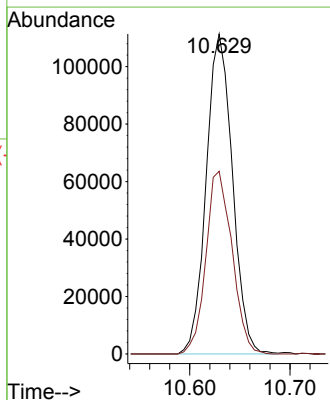
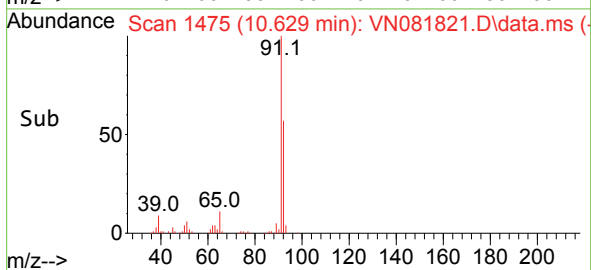
Tgt Ion:164 Resp: 56185
Ion Ratio Lower Upper
164 100
166 125.5 106.7 160.1
129 97.2 85.8 128.6
131 87.1 79.1 118.7

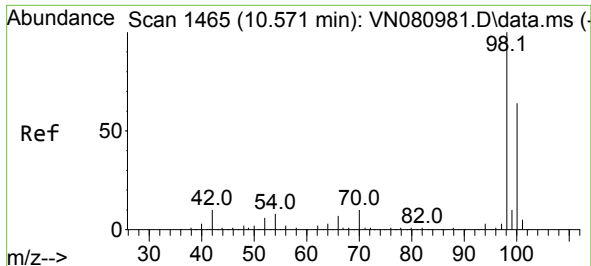


#62
Toluene
Concen: 19.708 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17



Tgt Ion: 91 Resp: 202625
Ion Ratio Lower Upper
91 100
92 56.9 46.5 69.7

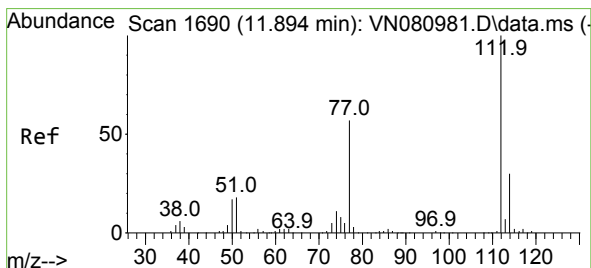
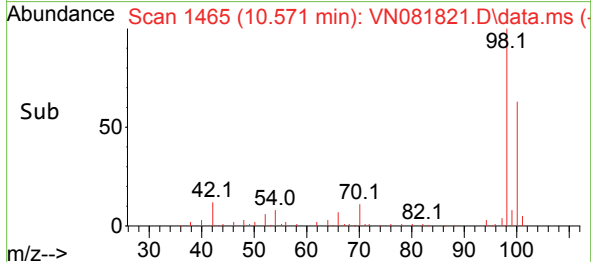
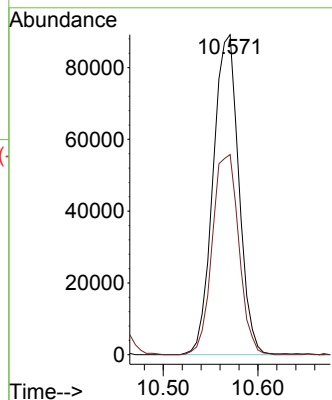
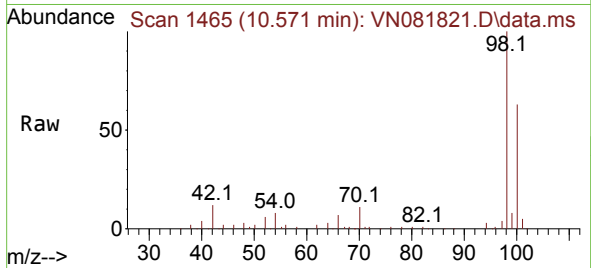




#63
Toluene-d8
Concen: 29.670 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

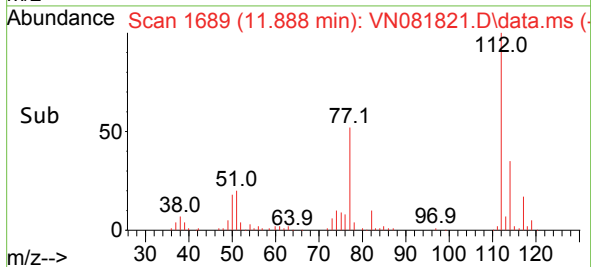
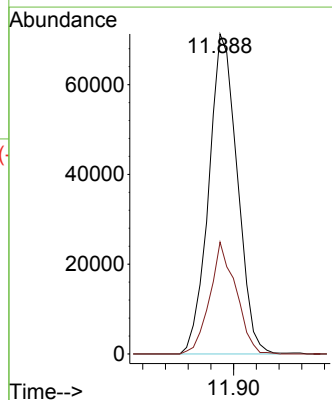
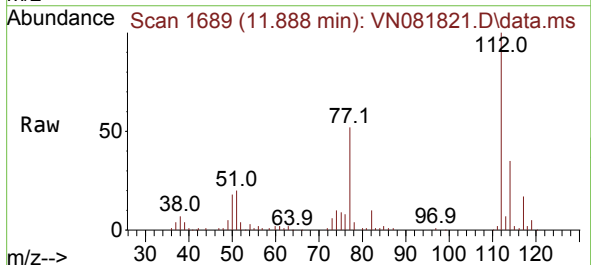
Instrument :
MSVOA_N
ClientSampleId :

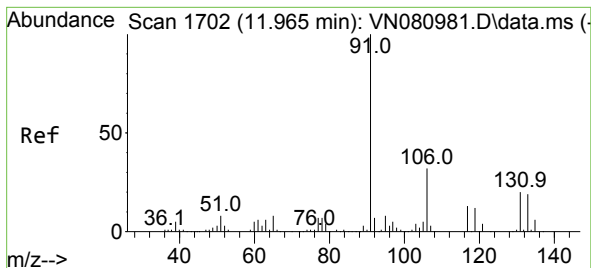
Tgt Ion: 98 Resp: 168191
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#64
Chlorobenzene
Concen: 19.067 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

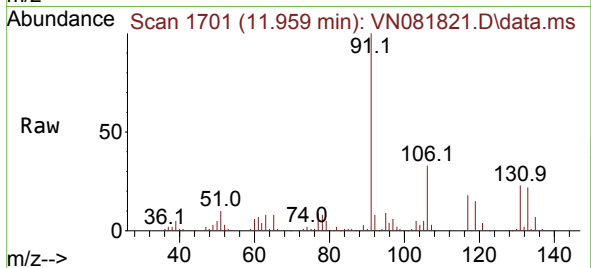
Tgt Ion: 112 Resp: 124307
Ion Ratio Lower Upper
112 100
114 35.0 26.6 39.8



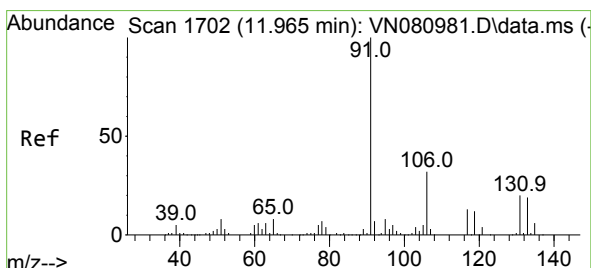
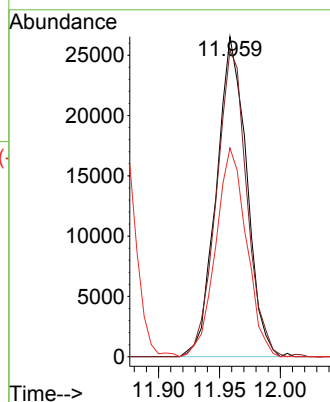
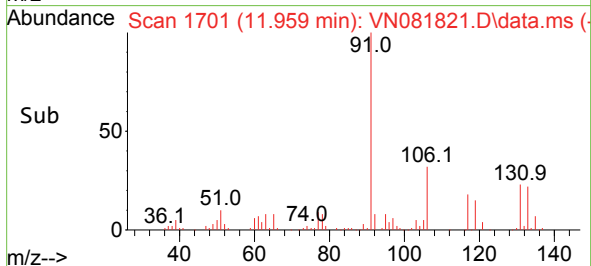


#65
1,1,1,2-Tetrachloroethane
Concen: 19.377 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

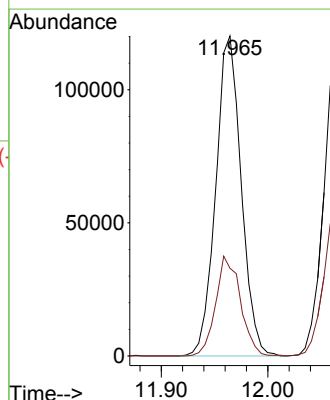
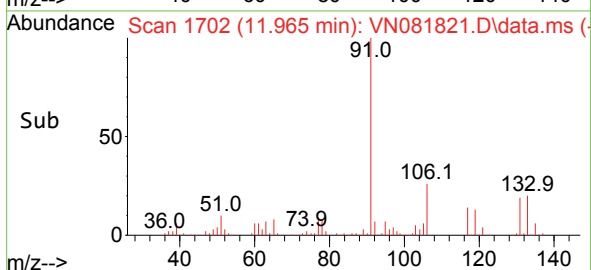
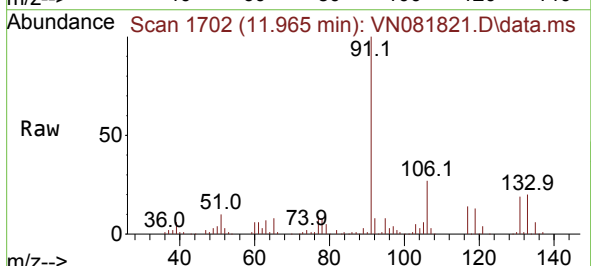


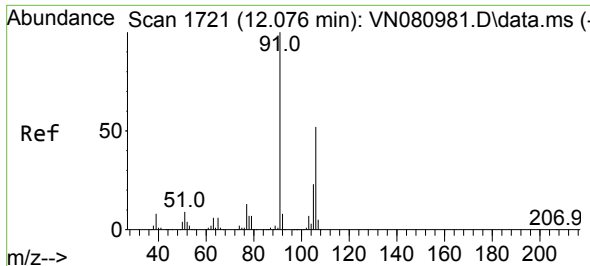
Tgt Ion:131 Resp: 45889
Ion Ratio Lower Upper
131 100
133 96.3 0.0 188.0
119 66.3 0.0 122.8



#66
Ethyl Benzene
Concen: 18.230 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion: 91 Resp: 199274
Ion Ratio Lower Upper
91 100
106 27.4 24.4 36.6

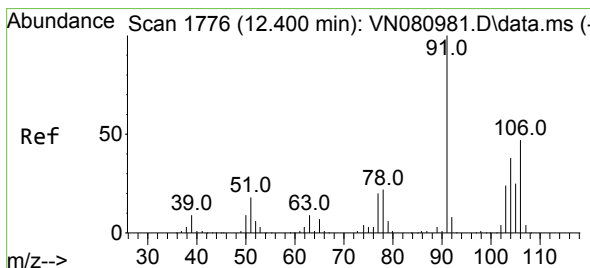
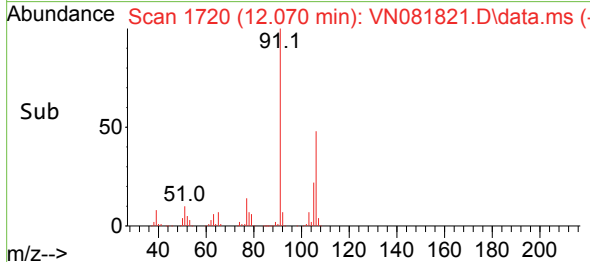
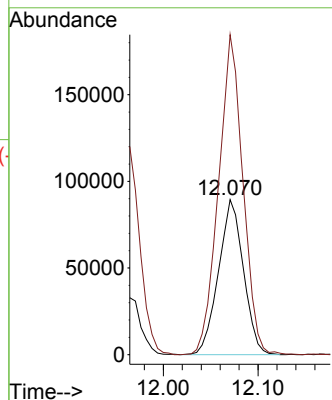
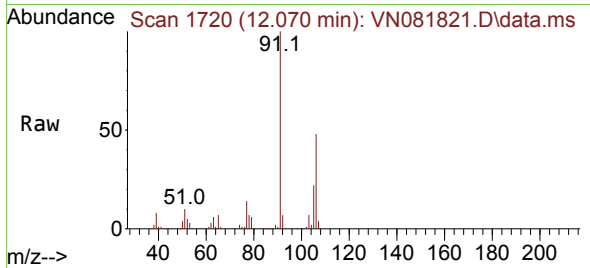




#67
m/p-Xylenes
Concen: 37.896 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

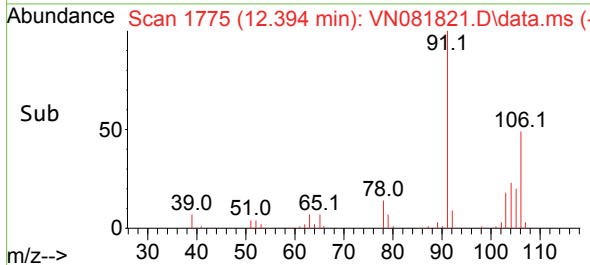
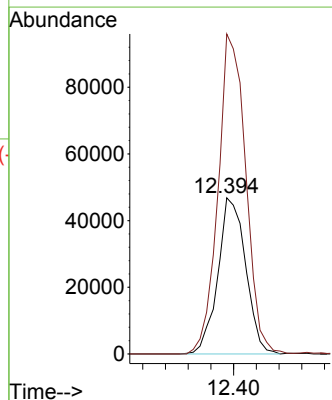
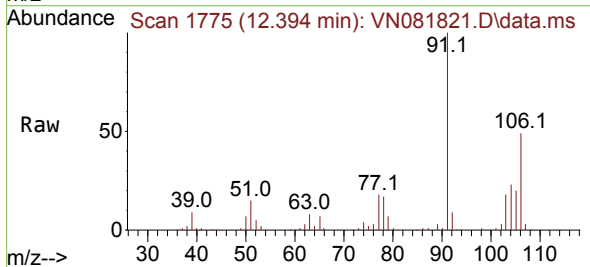
Instrument :
MSVOA_N
ClientSampleId :

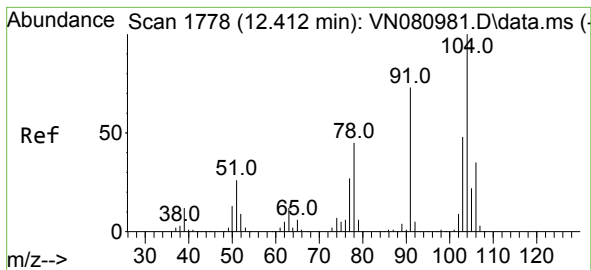
Tgt Ion:106 Resp: 164086
Ion Ratio Lower Upper
106 100
91 201.0 166.6 249.8



#68
o-Xylene
Concen: 19.375 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Tgt Ion:106 Resp: 79643
Ion Ratio Lower Upper
106 100
91 204.0 110.0 330.0





#69

Styrene

Concen: 18.931 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

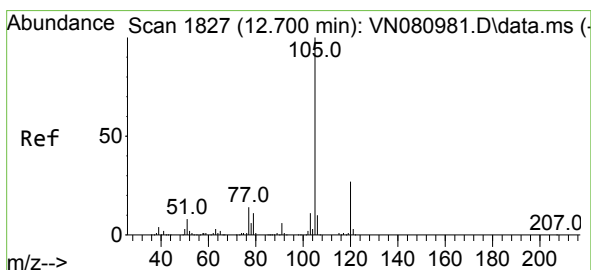
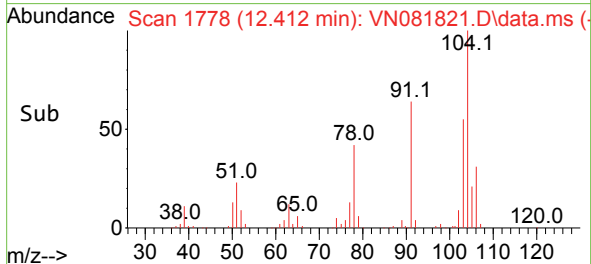
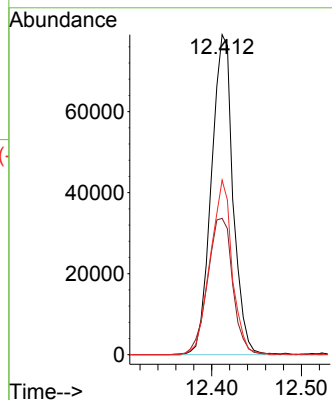
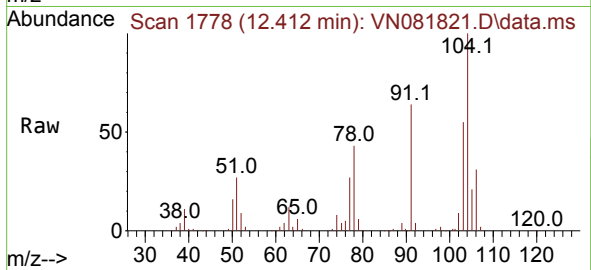
Tgt Ion:104 Resp: 132525

Ion Ratio Lower Upper

104 100

78 49.4 42.6 64.0

103 55.3 43.7 65.5



#70

Isopropylbenzene

Concen: 15.320 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081821.D

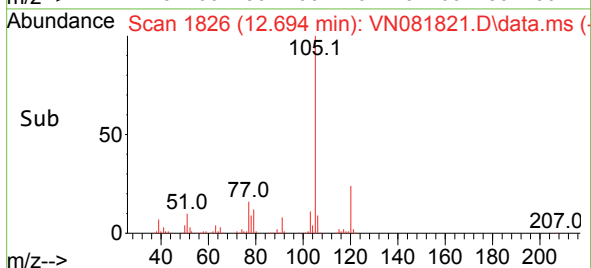
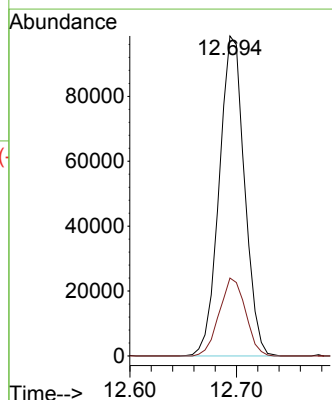
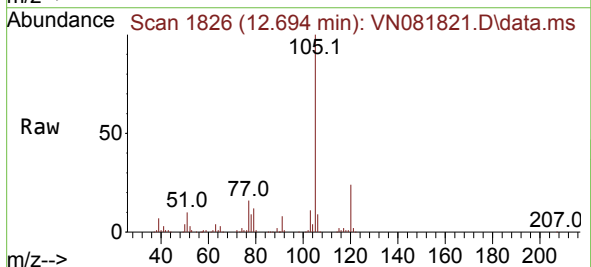
Acq: 22 Apr 2024 10:17

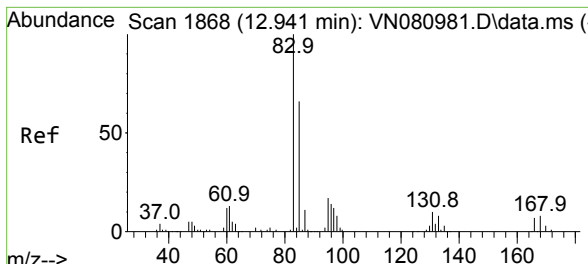
Tgt Ion:105 Resp: 162465

Ion Ratio Lower Upper

105 100

120 25.2 17.8 33.1

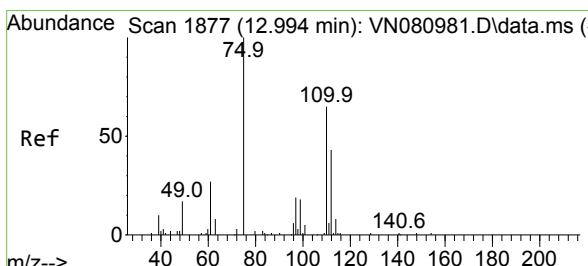
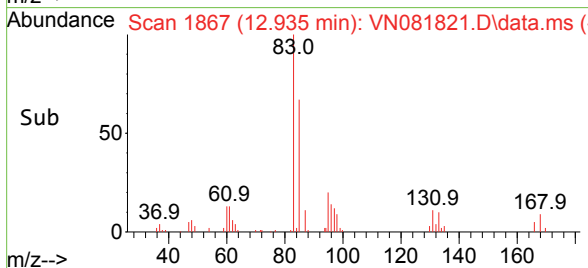
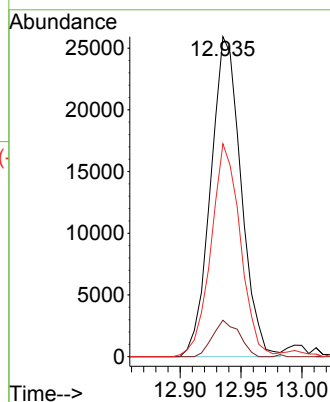
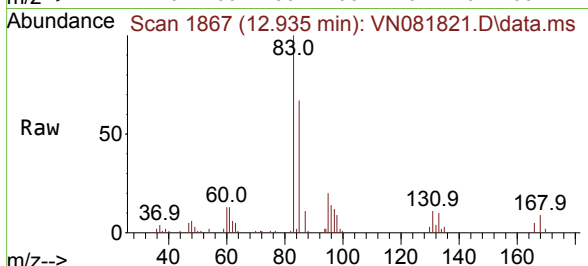




#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.278 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

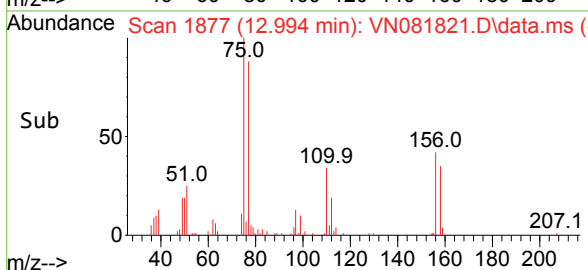
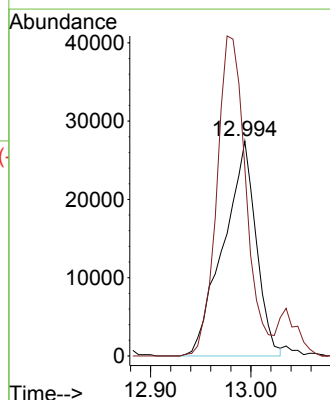
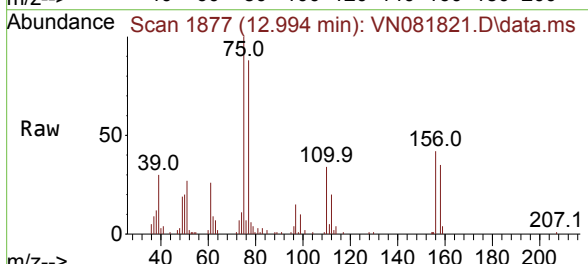
Instrument :
 MSVOA_N
 ClientSampleId :

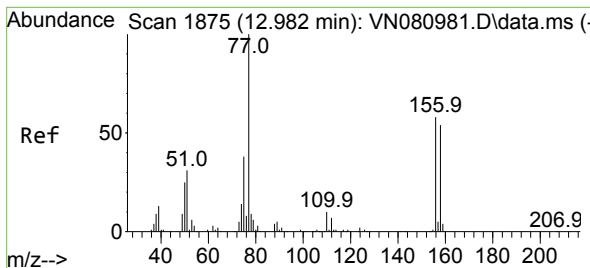
Tgt Ion:	83	Resp:	45093
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.2	15.6
85	64.0	32.3	96.8



#72
 1,2,3-Trichloropropane
 Concen: 24.258 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion:	75	Resp:	62213
Ion	Ratio	Lower	Upper
75	100		
77	133.1	0.0	367.6





#73

Bromobenzene

Concen: 15.348 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081821.D

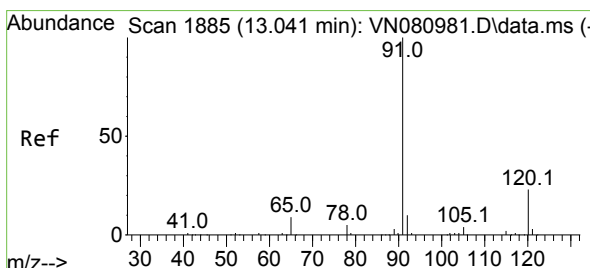
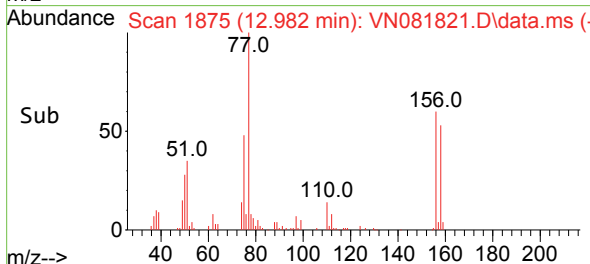
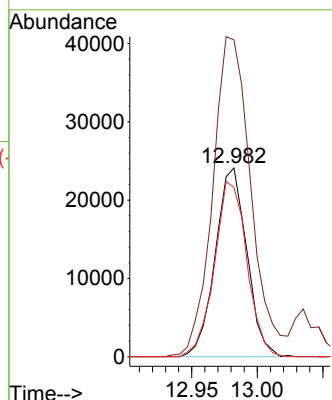
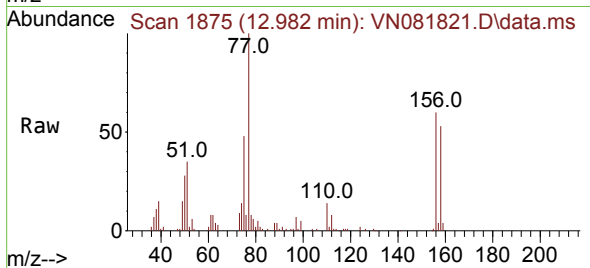
Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	40330
Ion Ratio	Lower	Upper	
156	100		
77	205.3	0.0	437.6
158	95.4	0.0	203.8



#74

n-propylbenzene

Concen: 15.118 ug/l

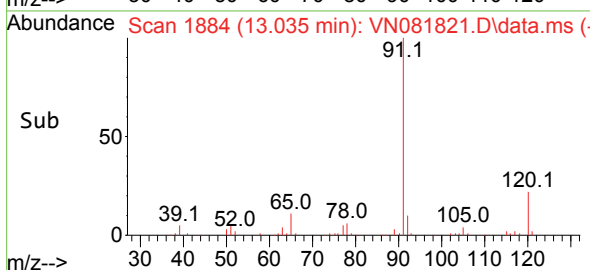
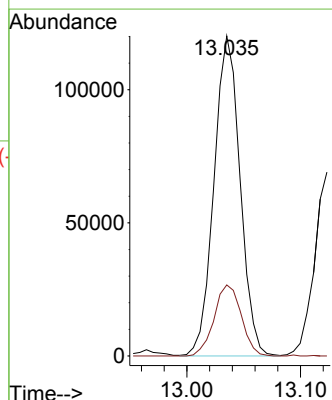
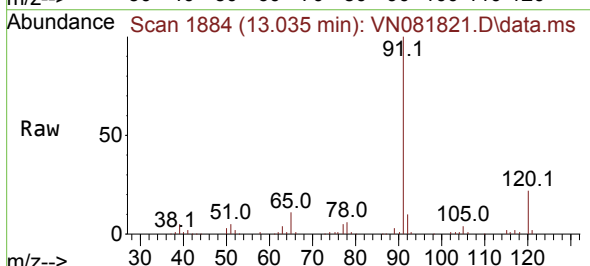
RT: 13.035 min Scan# 1884

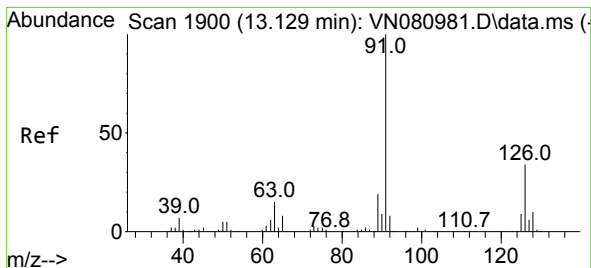
Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Tgt Ion:	91	Resp:	191906
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	43.8





#75

2-Chlorotoluene

Concen: 15.340 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

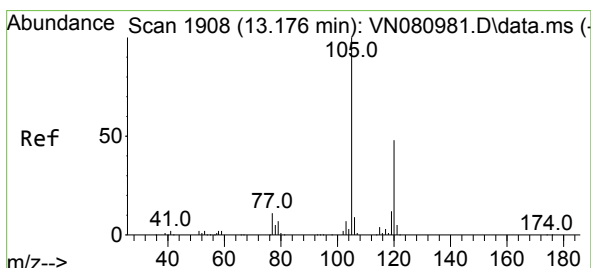
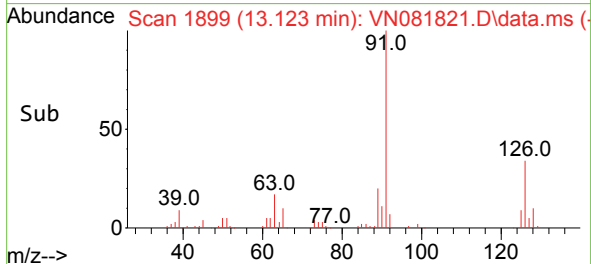
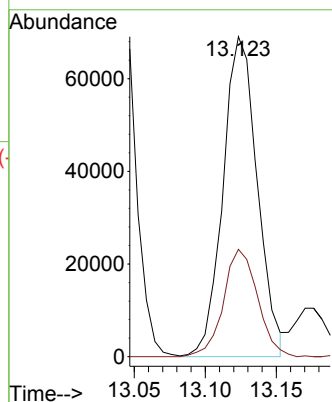
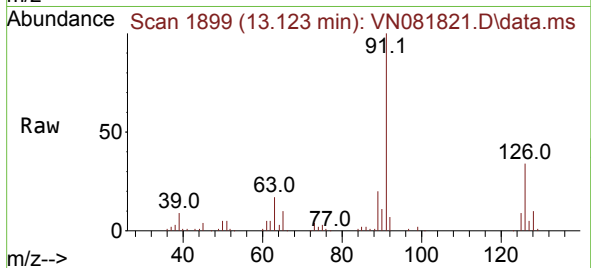
ClientSampleId :

Tgt Ion: 91 Resp: 116006

Ion Ratio Lower Upper

91 100

126 33.4 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 14.895 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081821.D

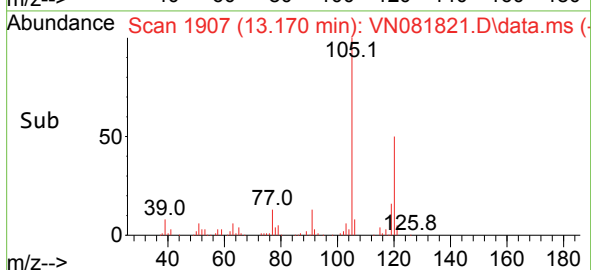
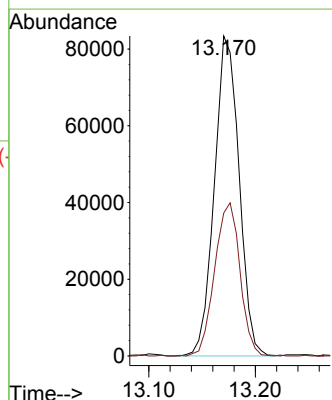
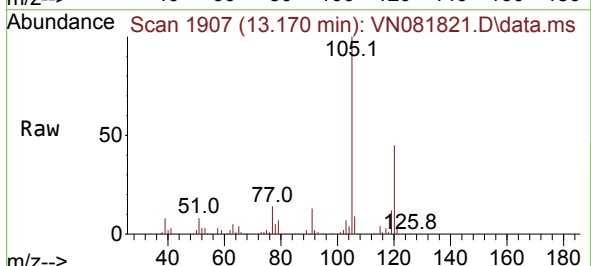
Acq: 22 Apr 2024 10:17

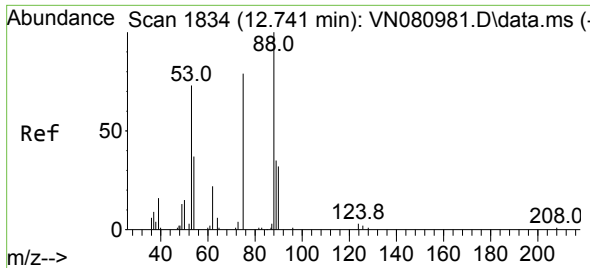
Tgt Ion:105 Resp: 134065

Ion Ratio Lower Upper

105 100

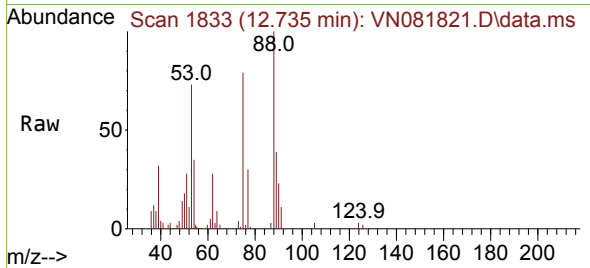
120 48.9 0.0 95.8



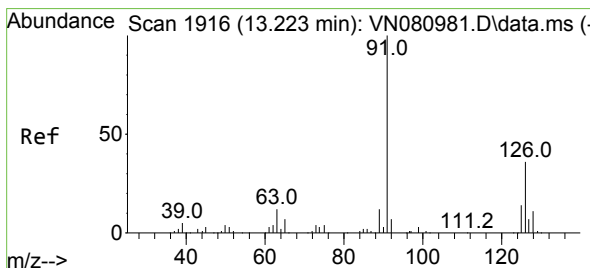
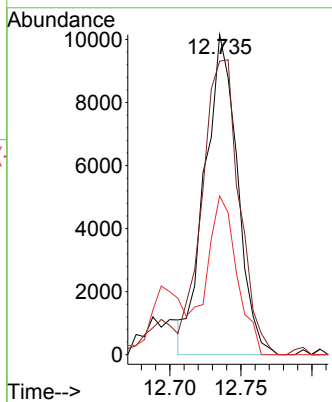
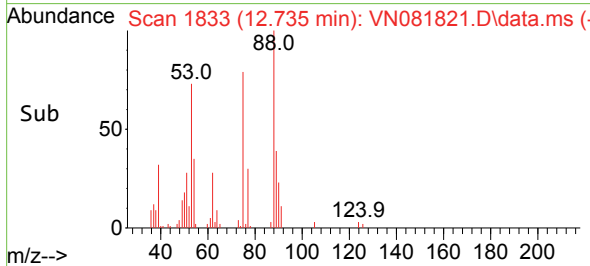


#77
t-1,4-Dichloro-2-butene
Concen: 15.226 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

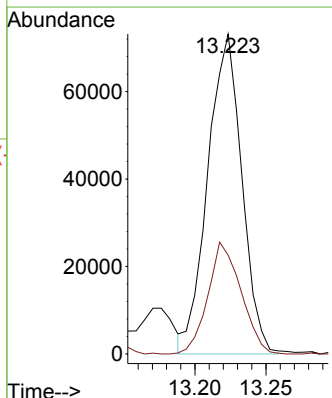
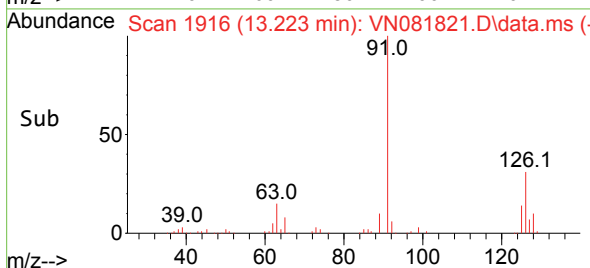
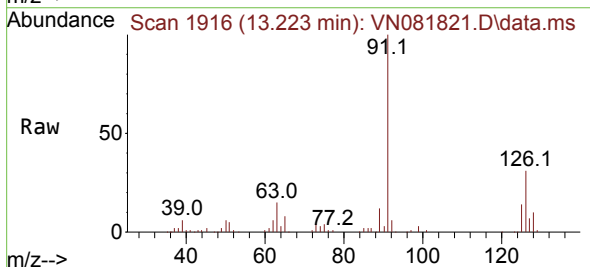


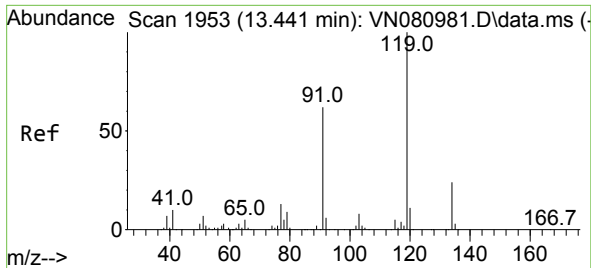
Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.7	45.9	137.7
89	49.6	25.9	77.7



#78
4-Chlorotoluene
Concen: 16.257 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

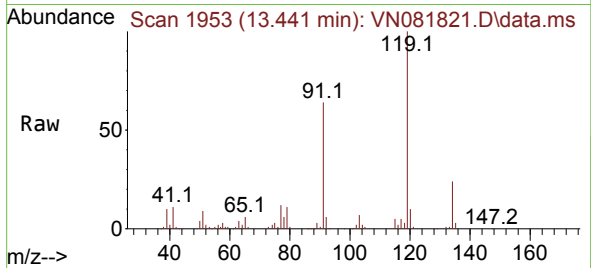
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	62.8



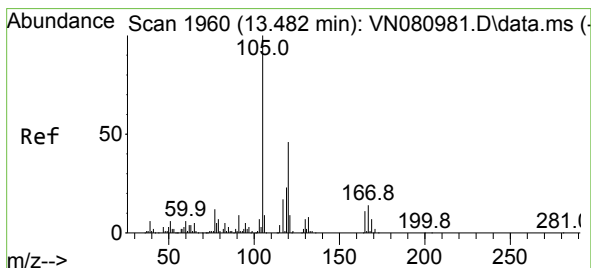
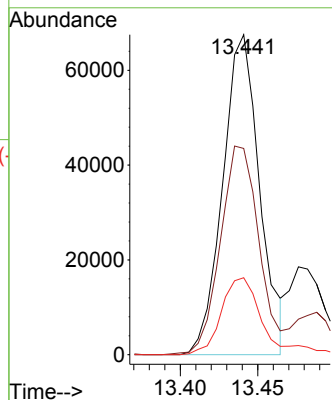
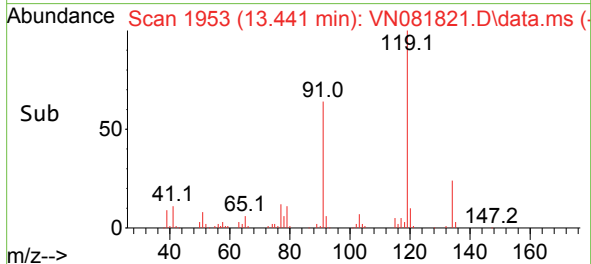


#79
tert-butylbenzene
Concen: 14.647 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

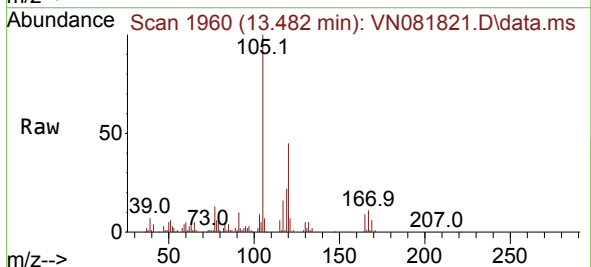
Instrument :
MSVOA_N
ClientSampleId :



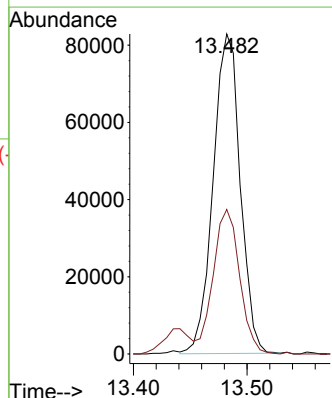
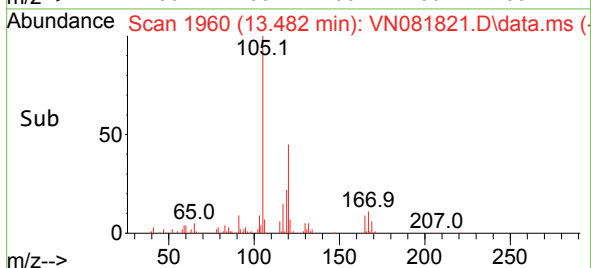
Tgt Ion:119 Resp: 112158
Ion Ratio Lower Upper
119 100
91 67.7 0.0 138.8
134 24.4 0.0 48.6

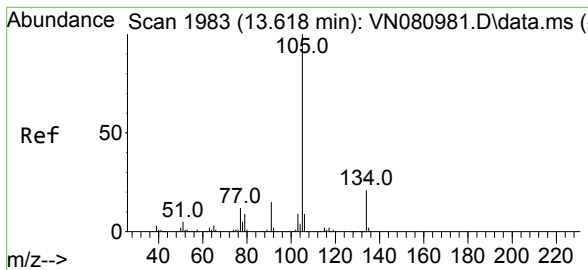


#80
1,2,4-Trimethylbenzene
Concen: 15.290 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17



Tgt Ion:105 Resp: 137246
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.8

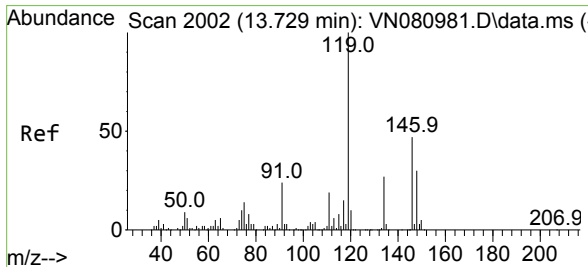
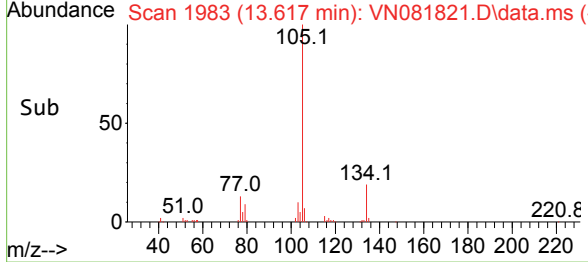
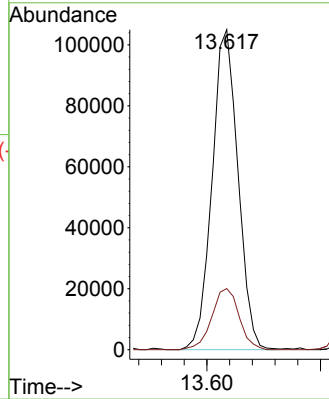
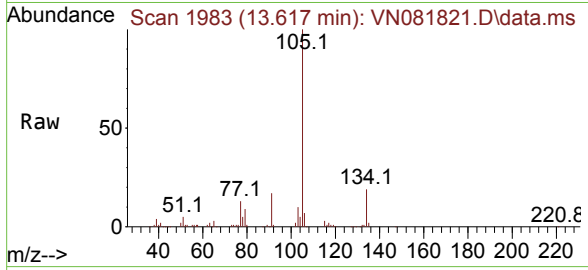




#81
 sec-Butylbenzene
 Concen: 15.040 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

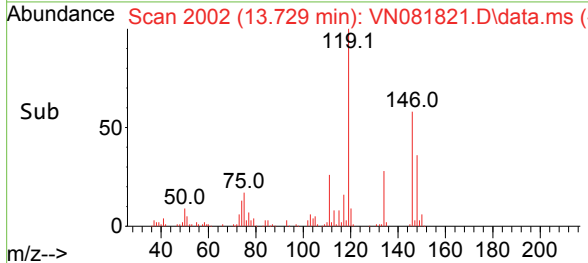
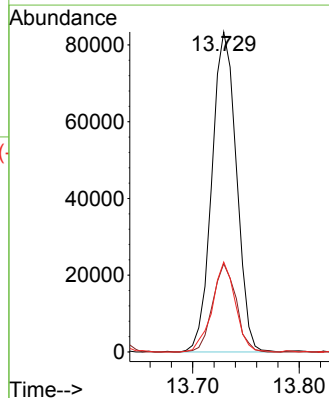
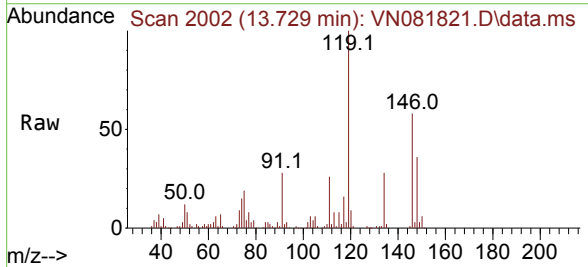
Instrument :
 MSVOA_N
 ClientSampleId :

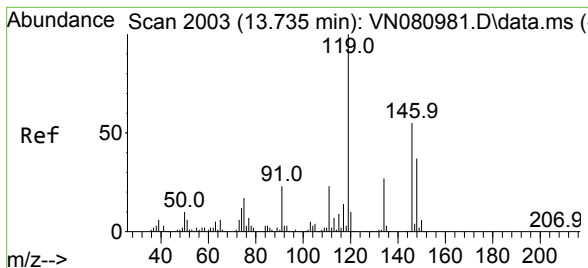
Tgt Ion:105 Resp: 166093
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 14.413 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion:119 Resp: 133493
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 49.2
 91 26.5 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 16.142 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

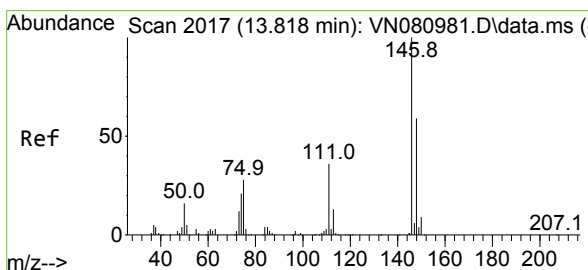
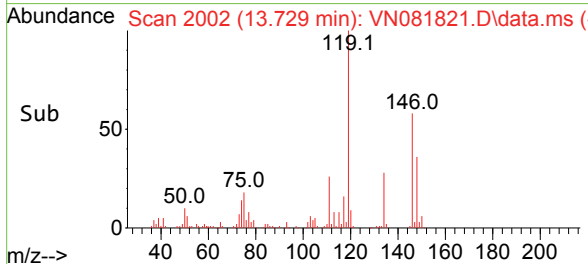
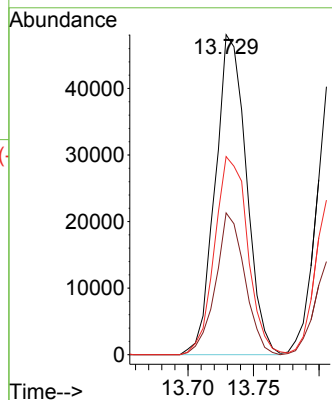
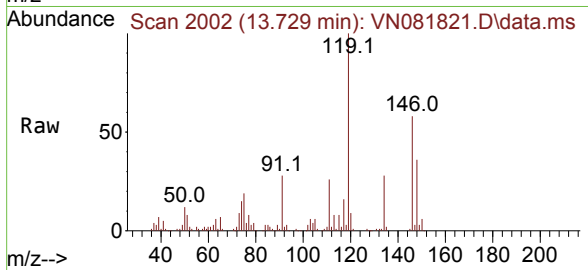
Tgt Ion:146 Resp: 79272

Ion Ratio Lower Upper

146 100

111 41.6 22.4 67.0

148 65.8 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 16.214 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

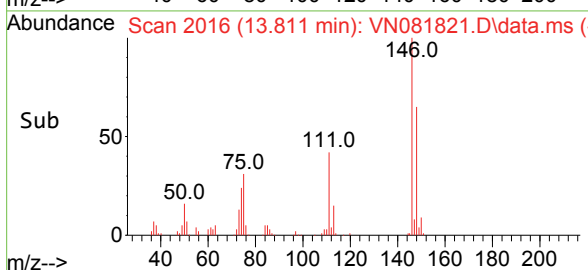
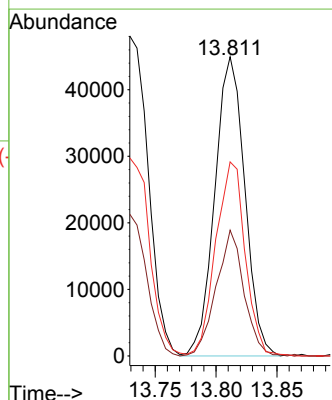
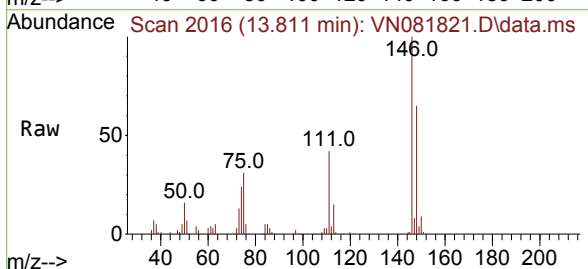
Tgt Ion:146 Resp: 77076

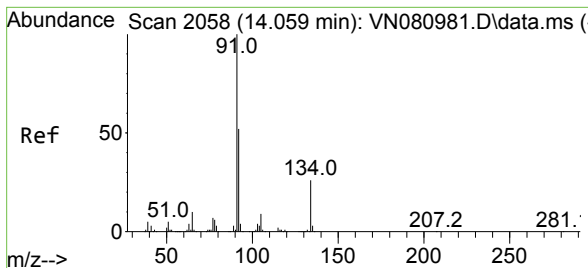
Ion Ratio Lower Upper

146 100

111 39.0 21.3 63.9

148 62.0 31.9 95.5





#85

n-Butylbenzene

Concen: 14.355 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081821.D

Acq: 22 Apr 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

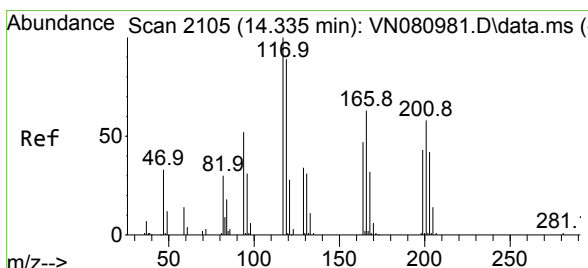
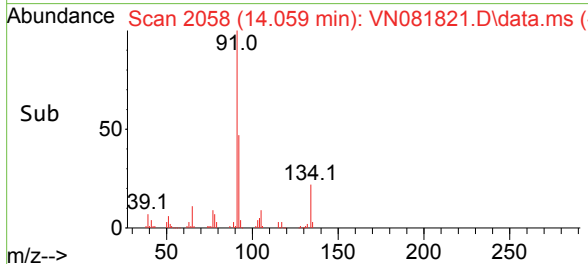
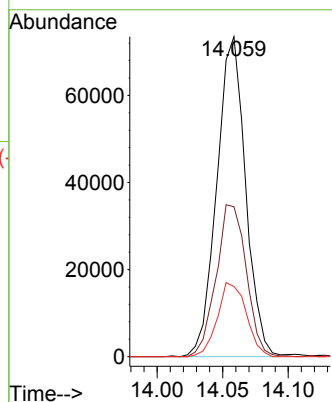
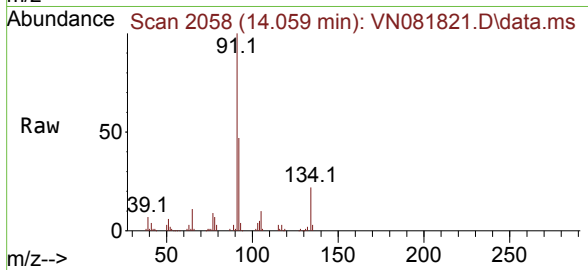
Tgt Ion: 91 Resp: 111991

Ion Ratio Lower Upper

91 100

92 49.8 0.0 105.0

134 23.3 0.0 51.8



#86

Hexachloroethane

Concen: 15.726 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081821.D

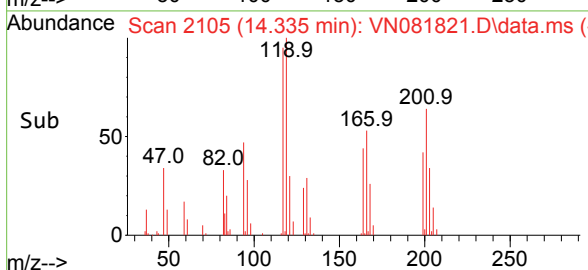
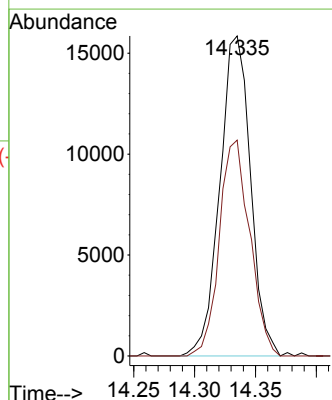
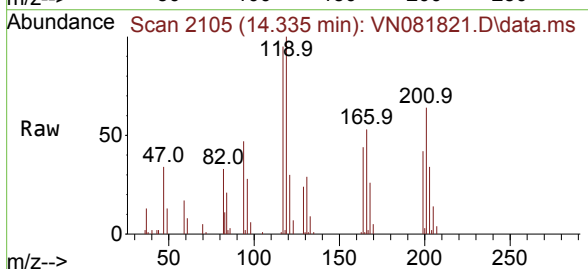
Acq: 22 Apr 2024 10:17

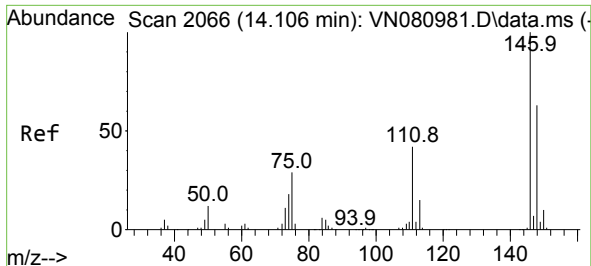
Tgt Ion: 117 Resp: 27825

Ion Ratio Lower Upper

117 100

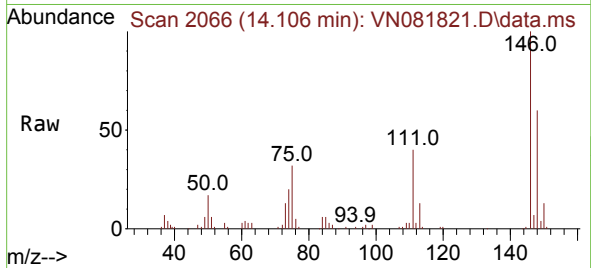
201 66.7 38.0 114.0



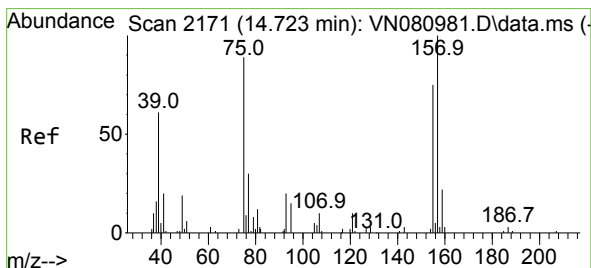
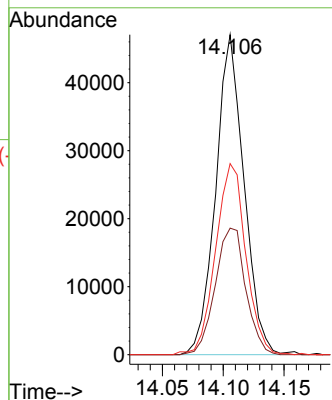
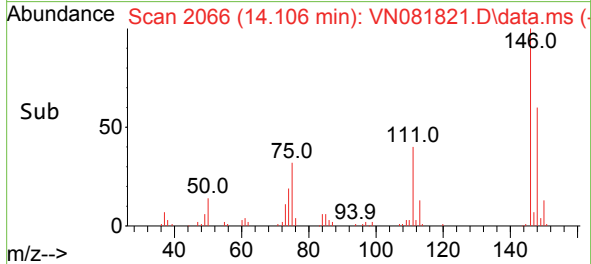


#87
 1,2-Dichlorobenzene
 Concen: 16.250 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

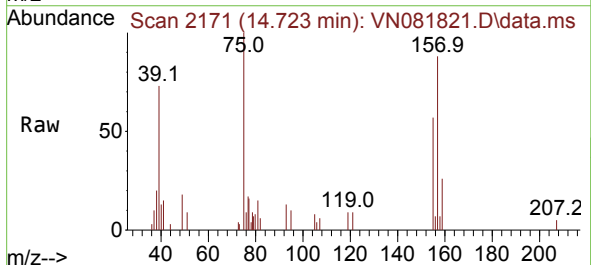
Instrument :
 MSVOA_N
 ClientSampleId :



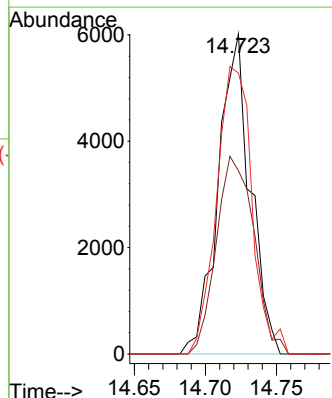
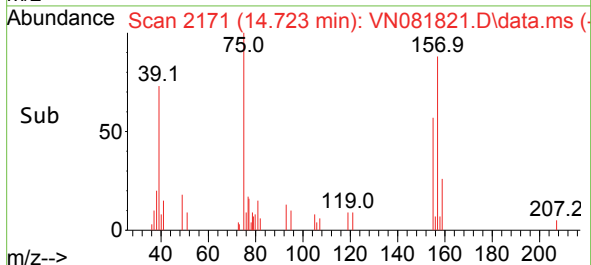
Tgt Ion:146 Resp: 75957
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.6 67.8
 148 63.5 31.3 93.8

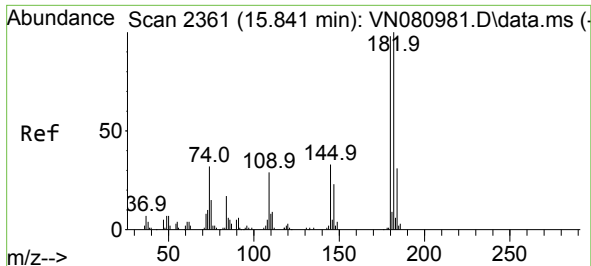


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.683 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17



Tgt Ion: 75 Resp: 9471
 Ion Ratio Lower Upper
 75 100
 155 72.6 61.7 92.5
 157 98.8 83.6 125.4

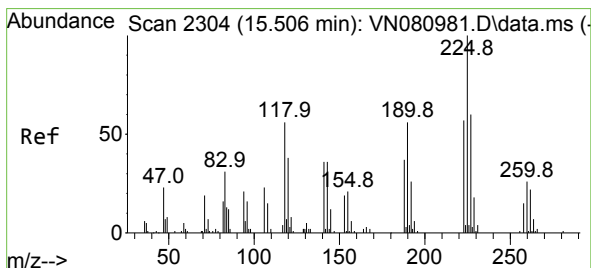
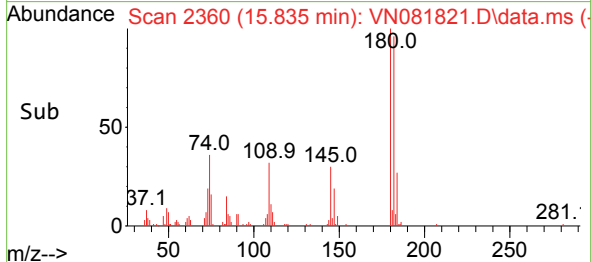
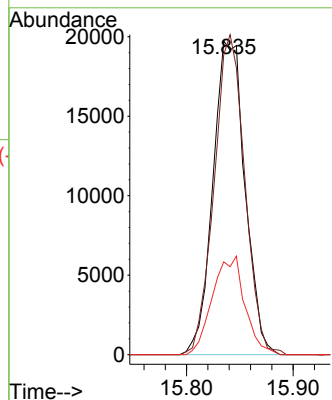
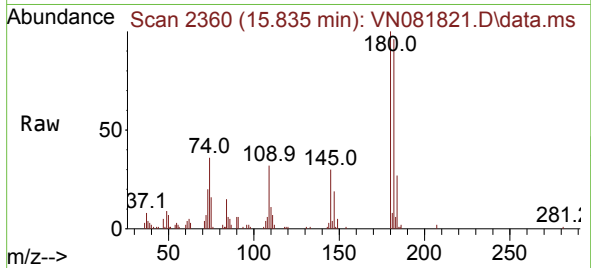




#89
1,2,4-Trichlorobenzene
Concen: 16.069 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

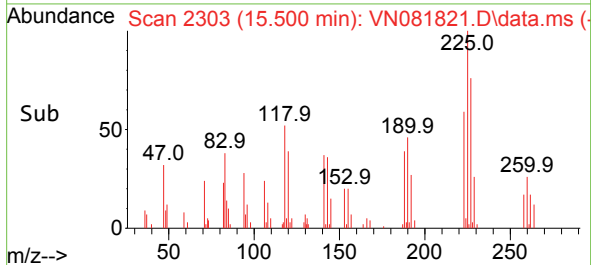
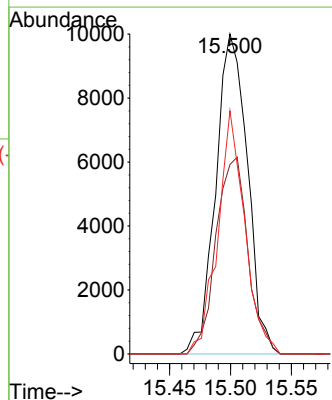
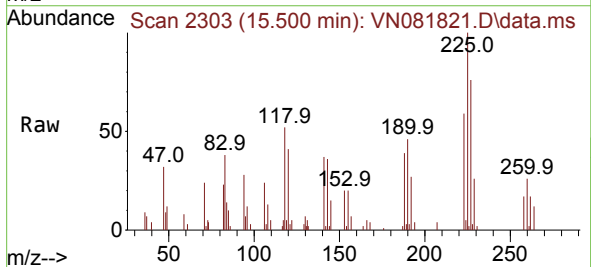
Instrument :
MSVOA_N
ClientSampleId :

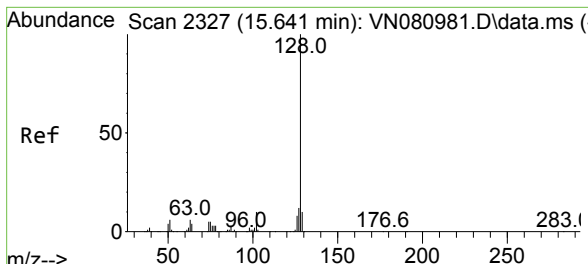
Tgt Ion:180 Resp: 41171
Ion Ratio Lower Upper
180 100
182 97.2 76.4 114.6
145 31.7 28.4 42.6



#90
Hexachlorobutadiene
Concen: 17.635 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081821.D
Acq: 22 Apr 2024 10:17

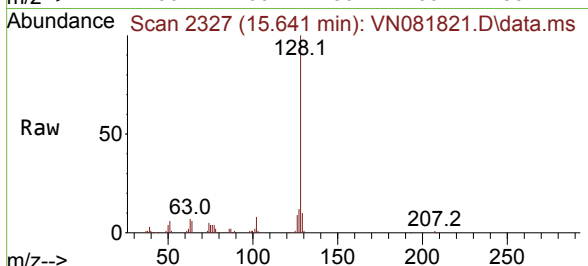
Tgt Ion:225 Resp: 18106
Ion Ratio Lower Upper
225 100
223 61.9 0.0 126.6
227 64.8 0.0 126.6





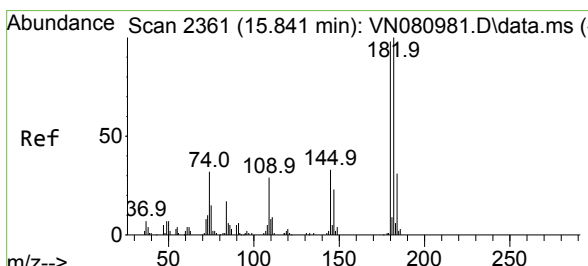
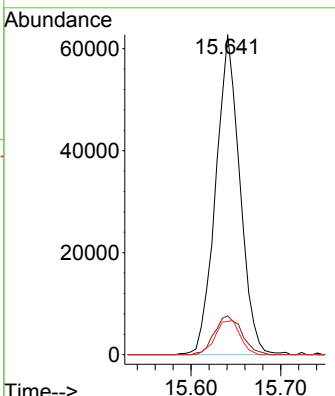
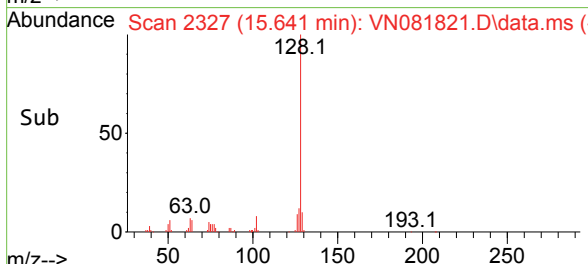
#91
 Naphthalene
 Concen: 14.182 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 116819

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	11.0	8.6	13.0



#92
 1,2,3-Trichlorobenzene
 Concen: 16.069 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.012 min
 Lab File: VN081821.D
 Acq: 22 Apr 2024 10:17

Tgt Ion:180 Resp: 41171

Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	191.0
145	31.7	0.0	71.0

