

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080981.D
 Acq On : 09 Feb 2024 10:47
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 10 01:38:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	90225	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	532975	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	477378	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	199078	29.364	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.867%
60) 4-Bromofluorobenzene	12.853	95	222846	30.535	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.767%
63) Toluene-d8	10.571	98	650390	30.359	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	111508	18.176	ug/l	96
3) Chloromethane	2.359	50	114560	18.582	ug/l	99
4) Vinyl Chloride	2.512	62	137476	18.703	ug/l	96
5) Bromomethane	2.918	94	94438	19.128	ug/l	100
6) Chloroethane	3.101	64	90850	18.961	ug/l	90
7) Trichlorofluoromethane	3.483	101	188027	19.426	ug/l	98
8) Diethyl Ether	3.953	74	64833	19.057	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	102627	19.546	ug/l	95
10) 1,1-Dichloroethene	4.330	96	100665	19.551	ug/l	98
11) Methyl Iodide	4.583	142	100920	18.302	ug/l	96
12) Methyl Acetate	5.030	43	87268	18.774	ug/l	90
13) Acrolein	4.171	56	101591	99.845	ug/l	98
14) Acrylonitrile	5.718	53	220555	95.098	ug/l	98
15) Acetone	4.430	58	50569	94.879	ug/l	91
16) Carbon Disulfide	4.706	76	276628	19.577	ug/l	99
17) Allyl chloride	5.018	41	125745	19.446	ug/l	89
18) Methylene Chloride	5.277	84	116380	19.765	ug/l	95
19) trans-1,2-Dichloroethene	5.777	96	115783	19.809	ug/l	86
20) Diisopropyl ether	6.671	45	293305	18.872	ug/l	98
21) 1,1-Dichloroethane	6.565	63	193097	19.387	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	133949	19.723	ug/l	93
23) tert-Butyl Alcohol	5.524	59	82190	97.380	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	328607	19.252	ug/l	97
25) Chloroform	7.965	83	217681	19.700	ug/l	97
26) Cyclohexane	8.259	56	149060	19.875	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	155396	19.574	ug/l	98
30) 2-Butanone	7.483	43	277087	95.128	ug/l #	97
31) 2,2-Dichloropropane	7.489	77	175350	19.399	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	193215	19.347	ug/l	98
33) Carbon Tetrachloride	8.359	117	163702	19.455	ug/l	93
34) Benzene	8.612	78	473407	19.513	ug/l	98
35) Methacrylonitrile	7.777	41	63232	18.469	ug/l	93
36) 1,2-Dichloroethane	8.671	62	160210	19.677	ug/l	99
37) Trichloroethene	9.353	130	128703	19.953	ug/l	95
38) Methylcyclohexane	9.600	83	153933	19.429	ug/l	95
39) 1,2-Dichloropropane	9.624	63	112452	19.542	ug/l	100
40) Dibromomethane	9.712	93	84863	19.384	ug/l	96
41) Bromodichloromethane	9.888	83	163297	19.058	ug/l	97
42) Vinyl Acetate	6.600	43	1314405	105.024	ug/l	100

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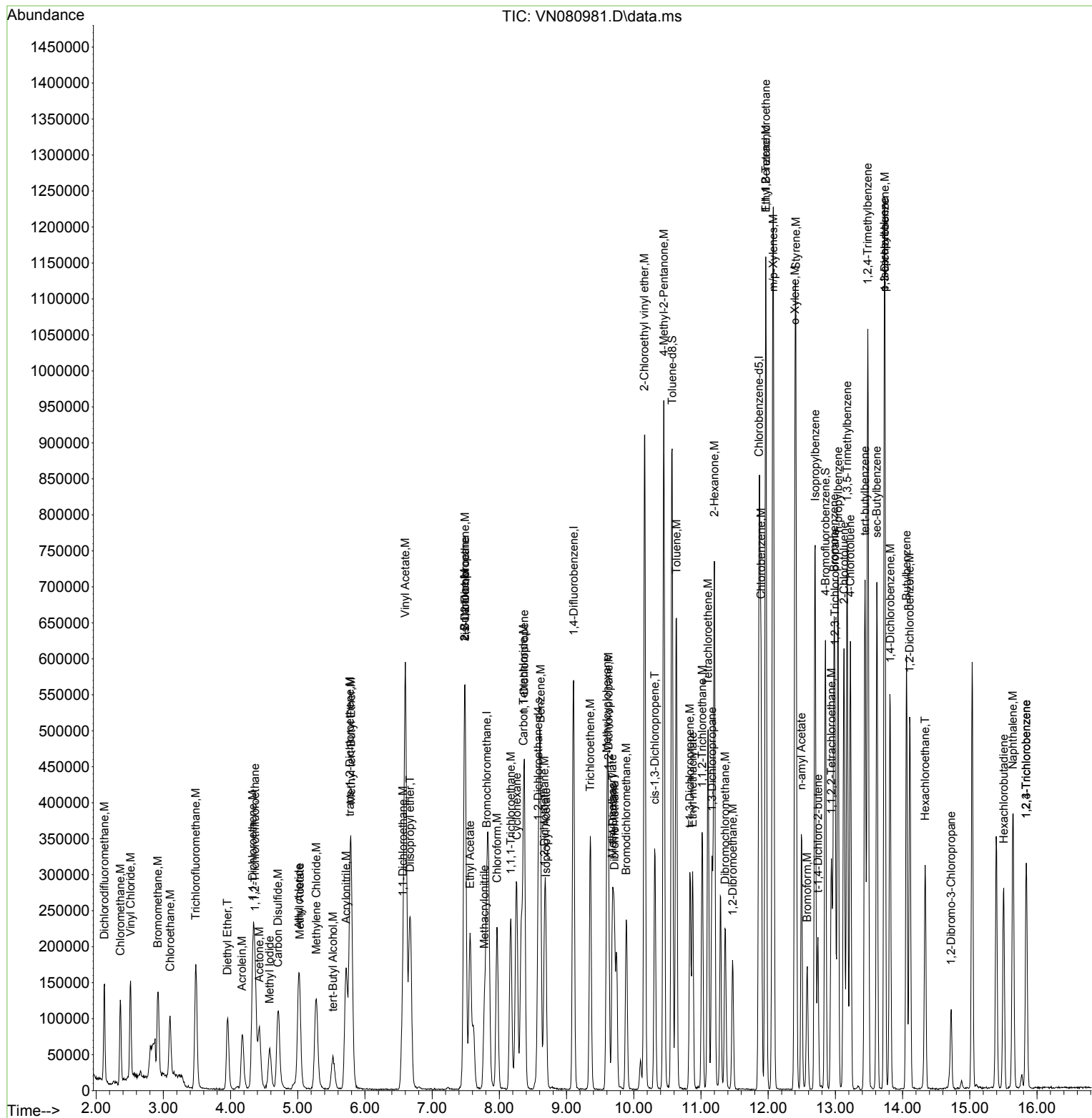
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	118461	19.096	ug/l	97
44) Isopropyl Acetate	8.694	43	207538	19.039	ug/l	98
45) 1,4-Dioxane	9.694	88	40219	391.246	ug/l	91
46) Methyl methacrylate	9.682	41	93324	18.710	ug/l	92
47) n-amyl Acetate	12.494	43	181342	19.075	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	168943	18.813	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	187942	19.315	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	115382	19.047	ug/l	97
51) Ethyl methacrylate	10.877	69	159362	18.822	ug/l	90
52) 1,3-Dichloropropane	11.165	76	194035	19.397	ug/l	98
53) Dibromochloromethane	11.359	129	124621	18.874	ug/l	96
54) 1,2-Dibromoethane	11.471	107	118657	18.933	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	412281	95.022	ug/l	97
56) Bromoform	12.582	173	77672	18.471	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	604280	97.501	ug/l	94
59) 2-Hexanone	11.200	43	437787	96.040	ug/l	95
61) Tetrachloroethene	11.106	164	110118	20.194	ug/l	94
62) Toluene	10.635	91	519698	19.874	ug/l	100
64) Chlorobenzene	11.894	112	318400	19.880	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	118150	19.887	ug/l	97
66) Ethyl Benzene	11.965	91	552515	20.095	ug/l	98
67) m/p-Xylenes	12.076	106	439697	40.721	ug/l	92
68) o-Xylene	12.400	106	209138	19.764	ug/l	95
69) Styrene	12.412	104	345073	19.808	ug/l	96
70) Isopropylbenzene	12.700	105	520047	20.166	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	156219	19.645	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	189996	31.273	ug/l	67
73) Bromobenzene	12.982	156	130193	20.302	ug/l	89
74) n-propylbenzene	13.041	91	587573	20.048	ug/l	97
75) 2-Chlorotoluene	13.129	91	370863	20.384	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	425439	20.163	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	44539	19.074	ug/l	96
78) 4-Chlorotoluene	13.223	91	370338	20.323	ug/l	95
79) tert-butylbenzene	13.441	119	360432	20.578	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	424125	20.174	ug/l	97
81) sec-Butylbenzene	13.618	105	498017	20.304	ug/l	98
82) p-Isopropyltoluene	13.729	119	408914	19.858	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	238191	20.651	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	237002	20.471	ug/l	97
85) n-Butylbenzene	14.059	91	337251	19.849	ug/l	100
86) Hexachloroethane	14.335	117	63833	19.653	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	220904	19.672	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26211	18.262	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	111578	20.310	ug/l	97
90) Hexachlorobutadiene	15.506	225	48120	19.965	ug/l	99
91) Naphthalene	15.641	128	382690	19.619	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	111578	20.310	ug/l	97

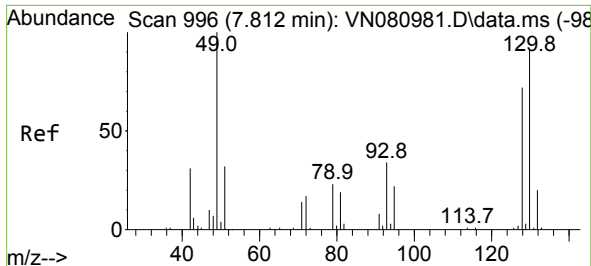
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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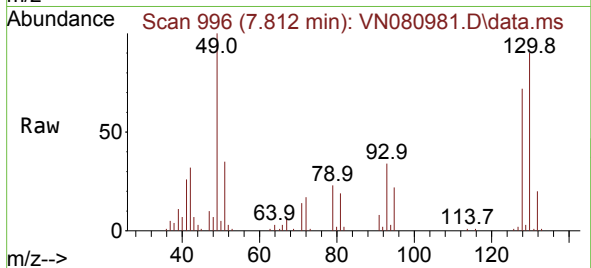
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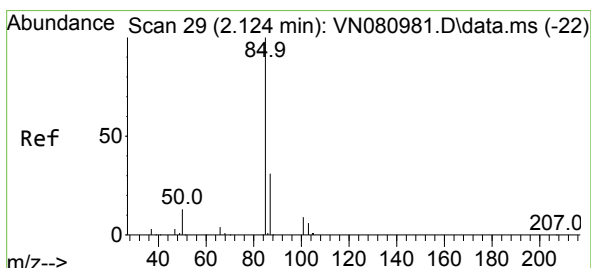
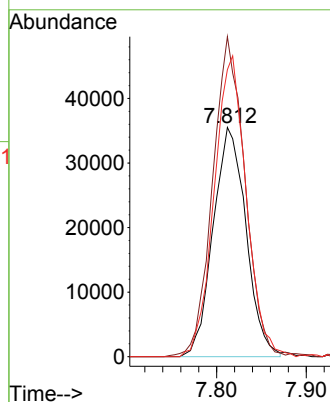
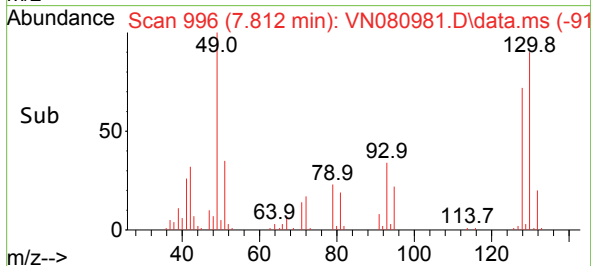


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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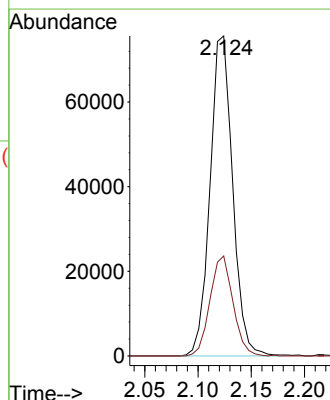
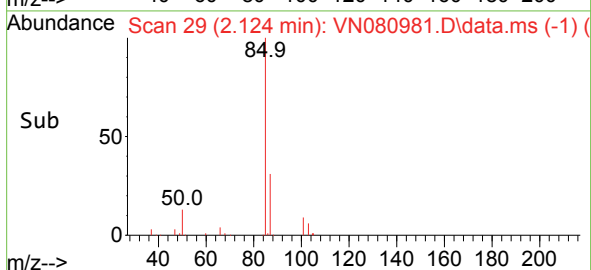
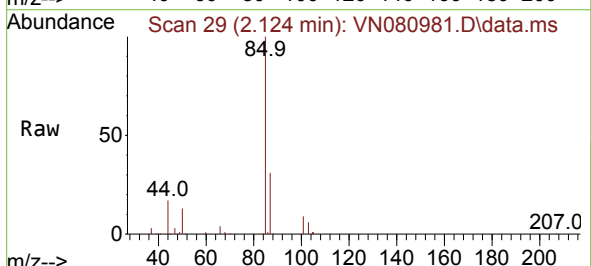


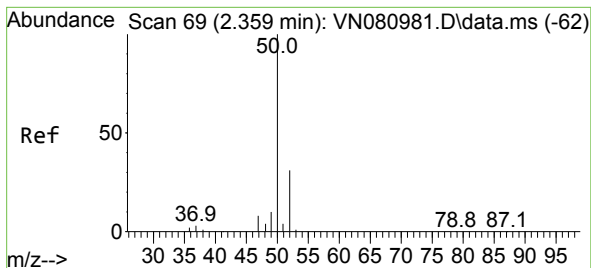
Tgt Ion:128 Resp: 90225
Ion Ratio Lower Upper
128 100
49 136.9 0.0 403.7
130 128.4 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.176 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 85 Resp: 111508
Ion Ratio Lower Upper
85 100
87 31.3 16.8 50.3





#3

Chloromethane

Concen: 18.582 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

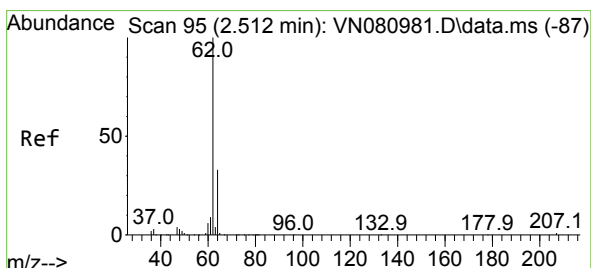
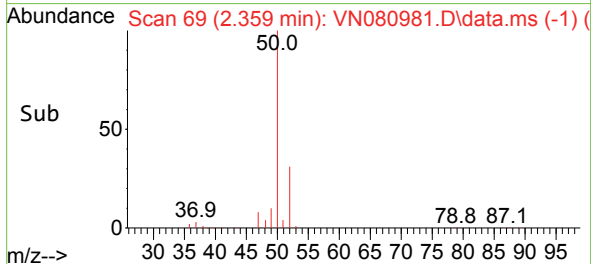
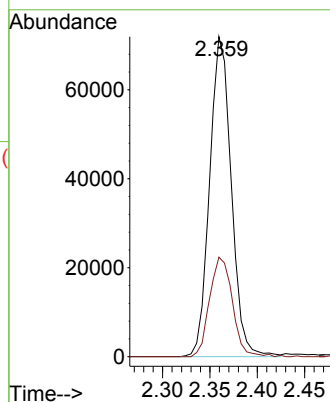
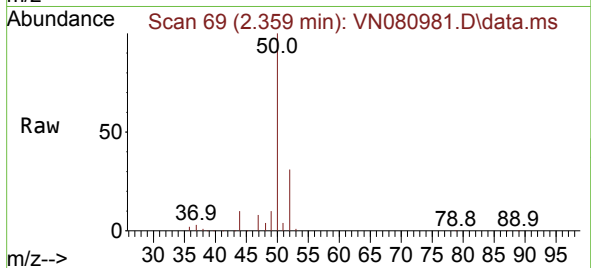
ClientSampleId :

Tgt Ion: 50 Resp: 114560

Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.0



#4

Vinyl Chloride

Concen: 18.703 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080981.D

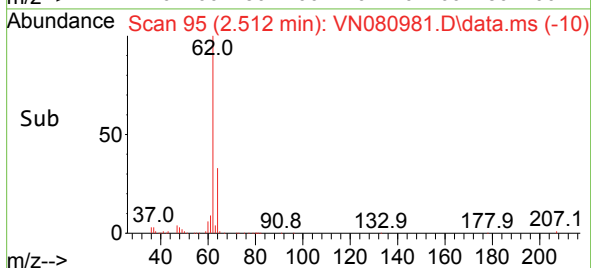
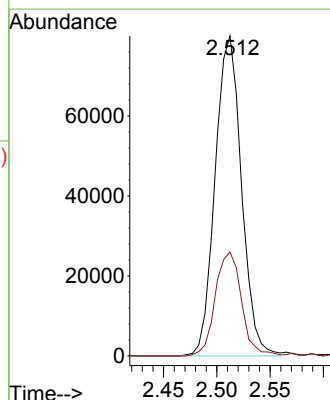
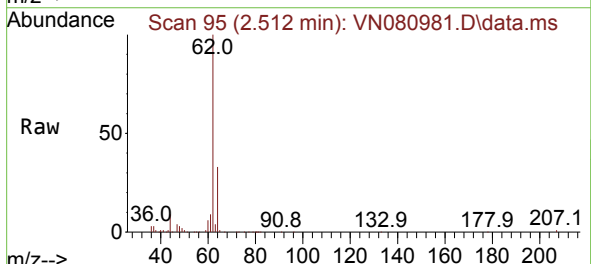
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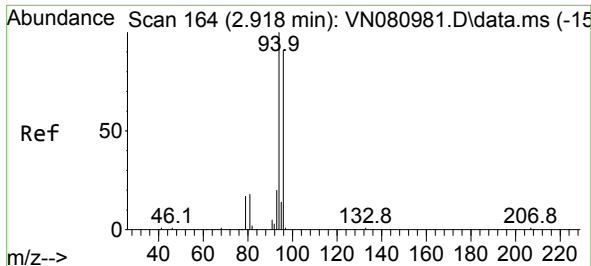
Tgt Ion: 62 Resp: 137476

Ion Ratio Lower Upper

62 100

64 32.5 24.1 36.1

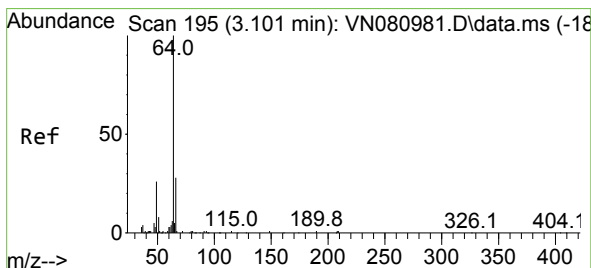
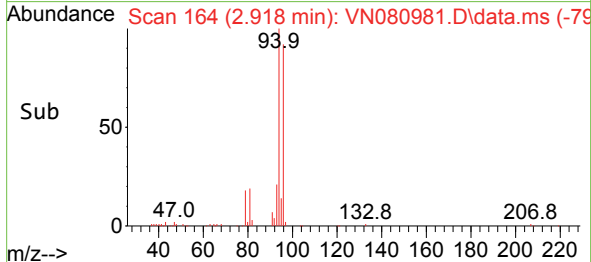
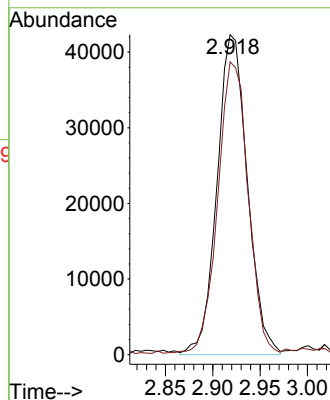
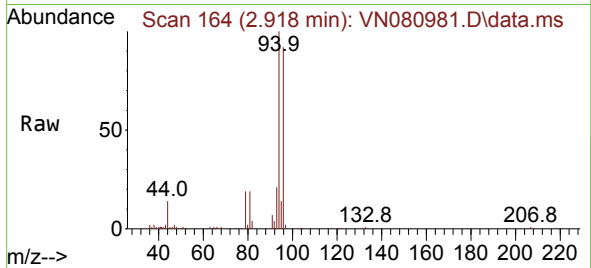




#5
Bromomethane
Concen: 19.128 ug/l
RT: 2.918 min Scan# 1
Delta R.T. 0.000 min
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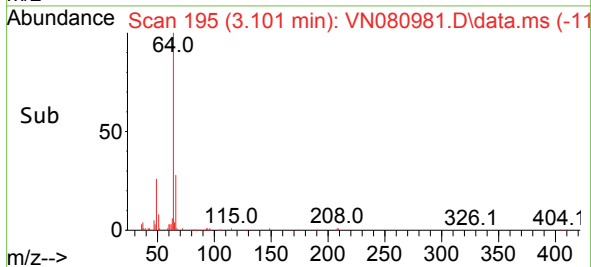
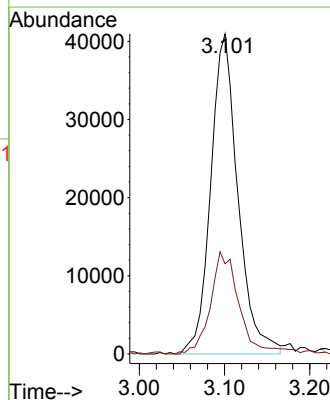
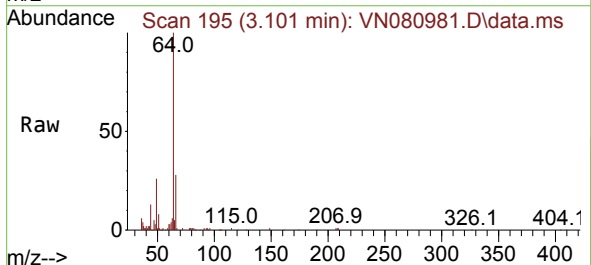
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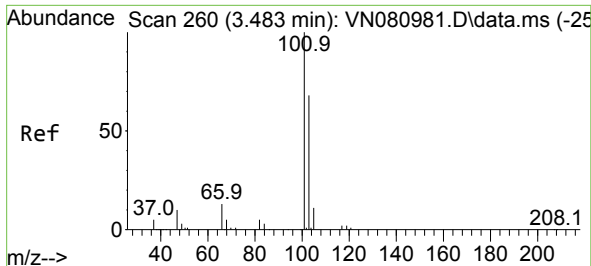
Tgt Ion: 94 Resp: 94438
Ion Ratio Lower Upper
94 100
96 91.3 72.8 109.2



#6
Chloroethane
Concen: 18.961 ug/l
RT: 3.101 min Scan# 195
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 64 Resp: 90850
Ion Ratio Lower Upper
64 100
66 27.5 26.7 40.1

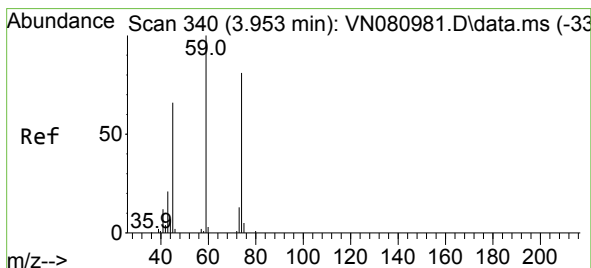
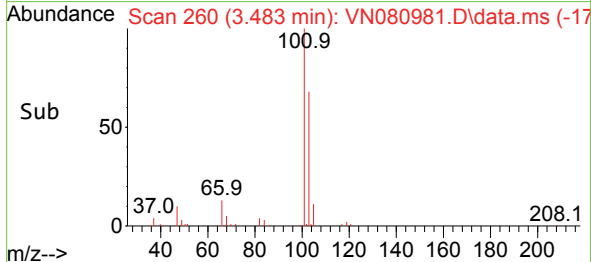
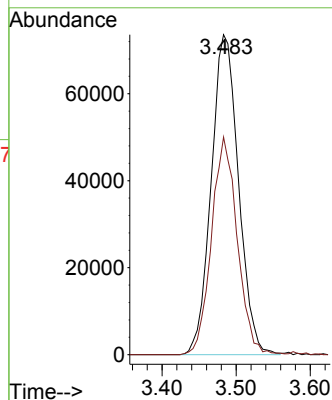
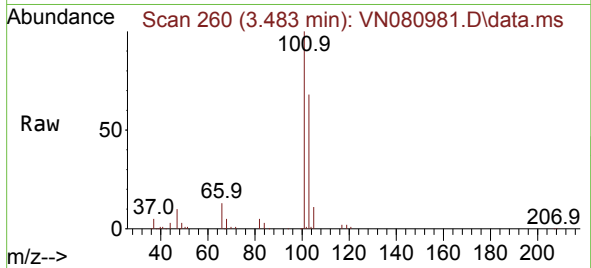




#7
 Trichlorofluoromethane
 Concen: 19.426 ug/l
 RT: 3.483 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080981.D
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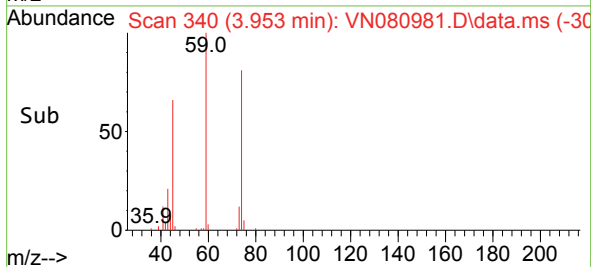
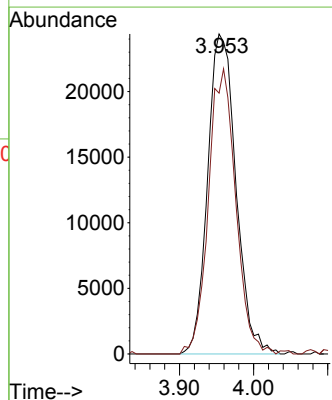
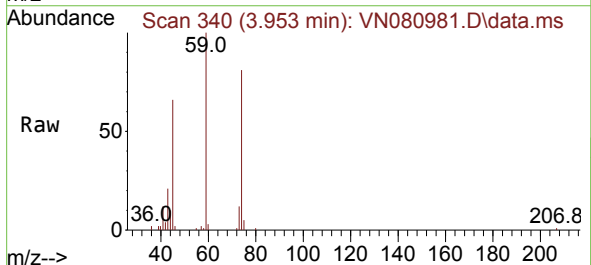
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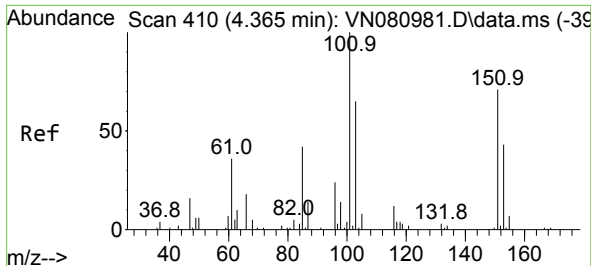
Tgt Ion:101 Resp: 188027
 Ion Ratio Lower Upper
 101 100
 103 68.0 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.057 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion: 74 Resp: 64833
 Ion Ratio Lower Upper
 74 100
 45 85.2 16.4 147.4

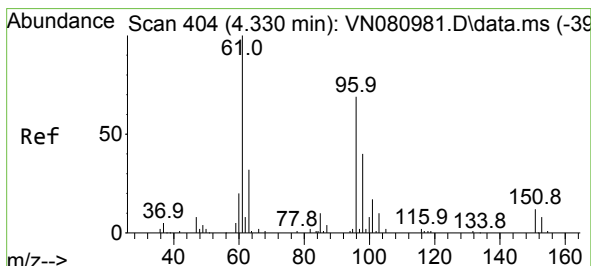
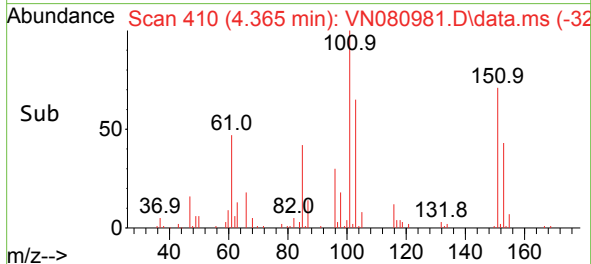
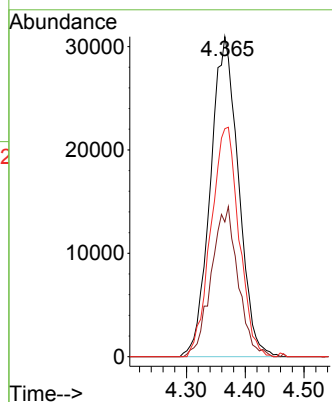
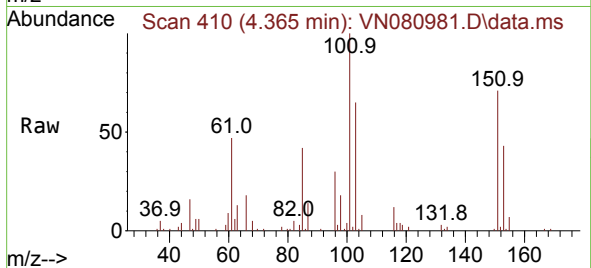




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.546 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
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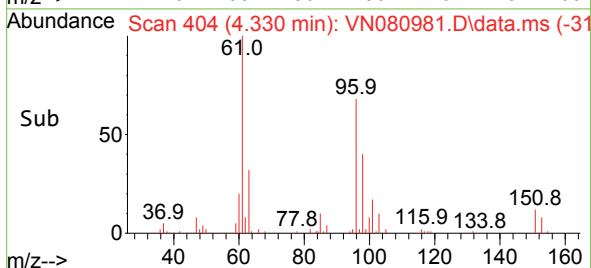
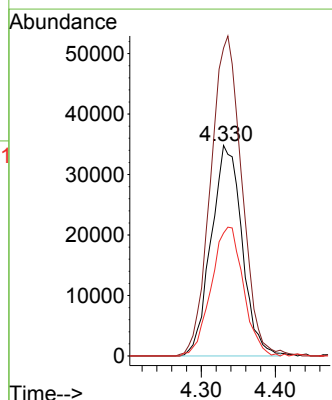
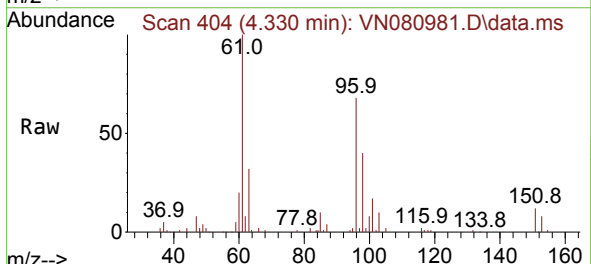
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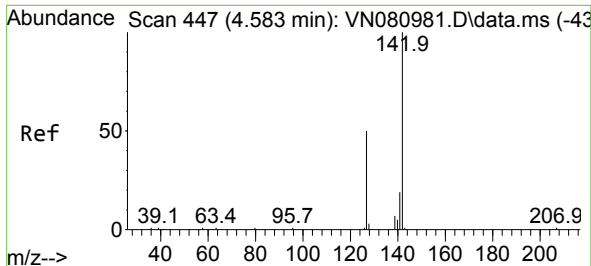
Tgt Ion:101 Resp: 102627
 Ion Ratio Lower Upper
 101 100
 85 44.7 0.0 90.6
 151 71.8 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 19.551 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

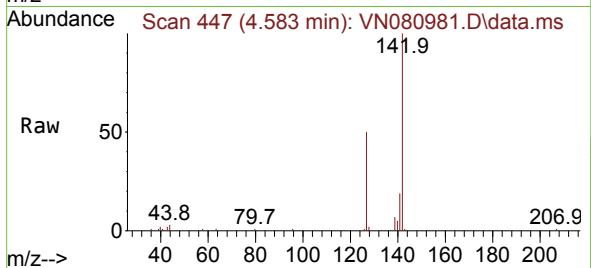
Tgt Ion: 96 Resp: 100665
 Ion Ratio Lower Upper
 96 100
 61 145.5 117.6 176.4
 98 58.4 48.4 72.6



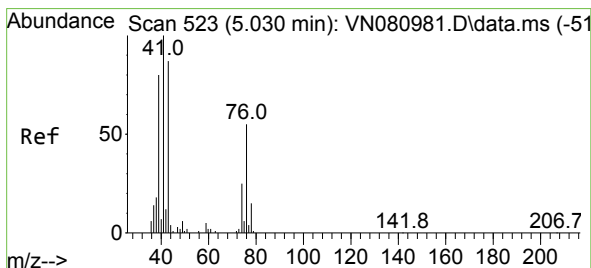
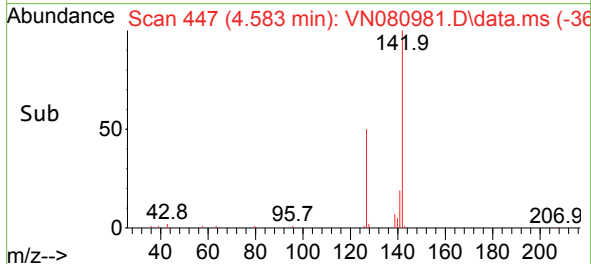
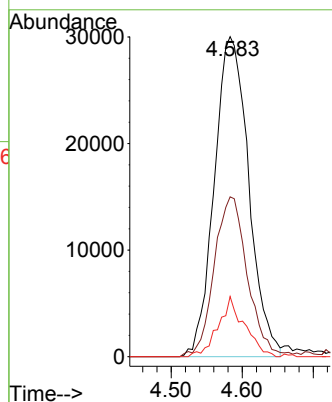


#11
Methyl Iodide
Concen: 18.302 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

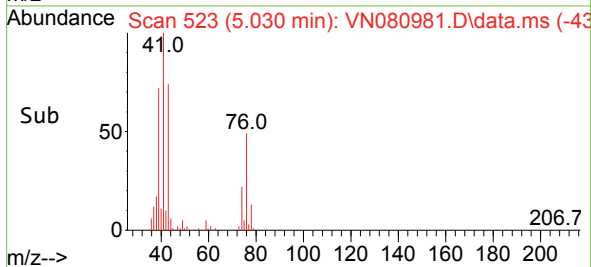
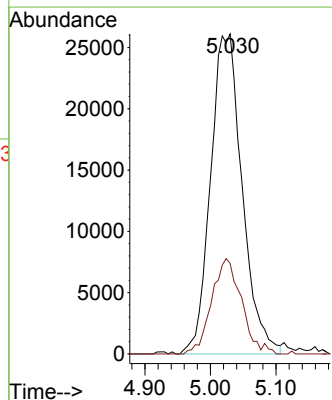
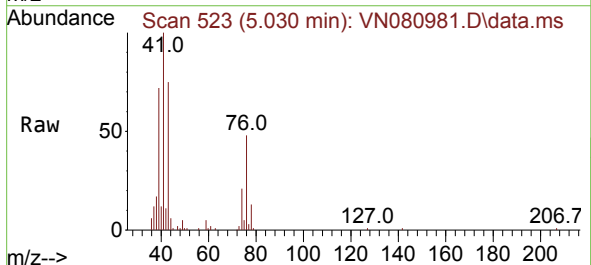


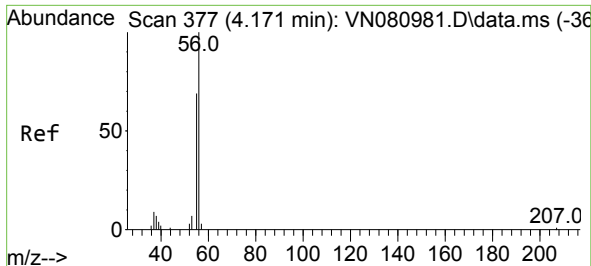
Tgt Ion:142 Resp: 100920
Ion Ratio Lower Upper
142 100
127 50.0 26.3 78.9
141 19.1 8.3 24.9



#12
Methyl Acetate
Concen: 18.774 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 43 Resp: 87268
Ion Ratio Lower Upper
43 100
74 28.7 27.7 41.5





#13

Acrolein

Concen: 99.845 ug/l

RT: 4.171 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

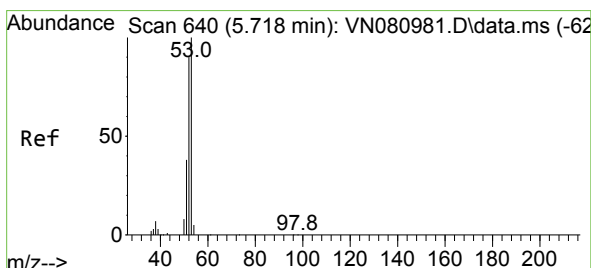
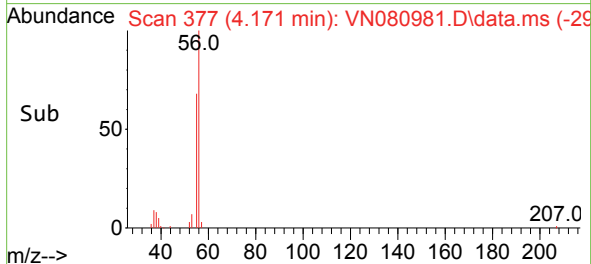
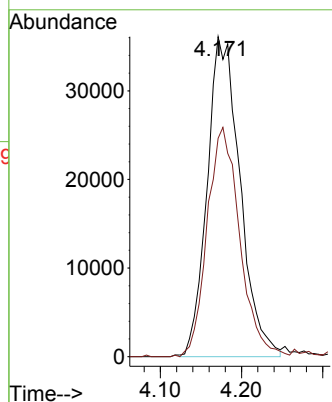
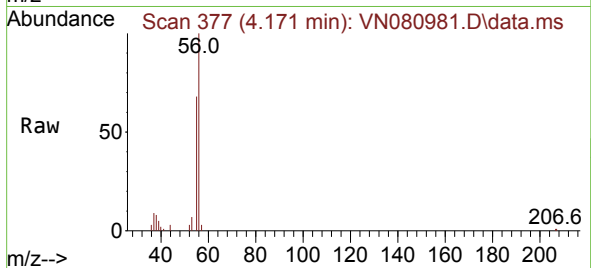
ClientSampleId :

Tgt Ion: 56 Resp: 101591

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



#14

Acrylonitrile

Concen: 95.098 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

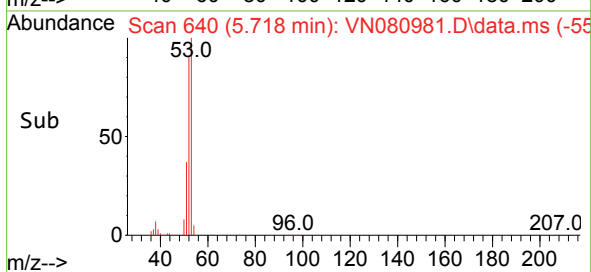
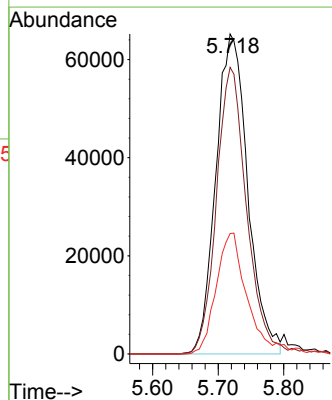
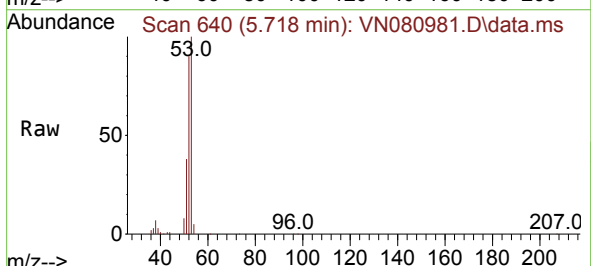
Tgt Ion: 53 Resp: 220555

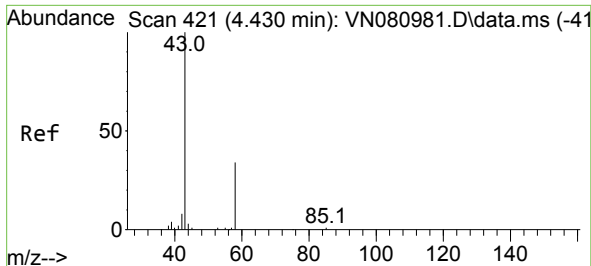
Ion Ratio Lower Upper

53 100

52 84.1 41.3 123.9

51 35.2 16.8 50.3





#15

Acetone

Concen: 94.879 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

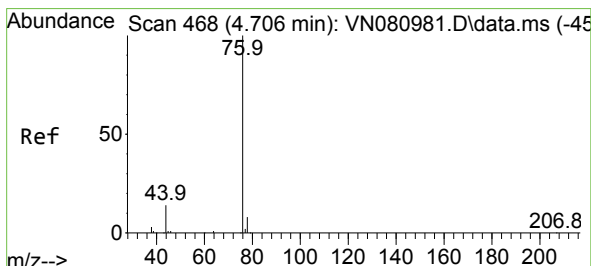
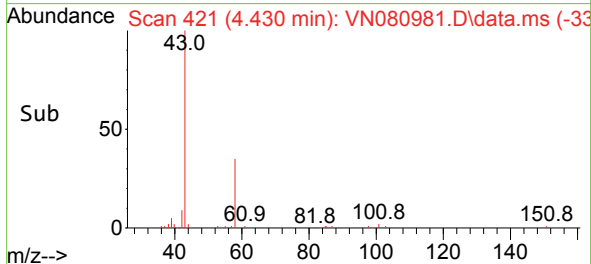
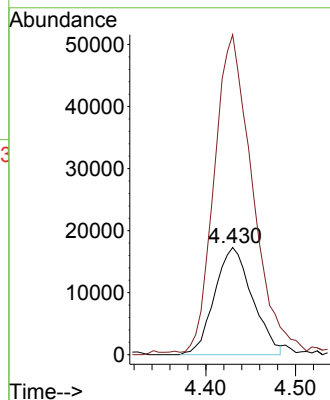
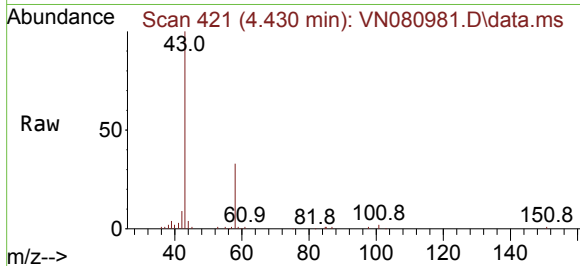
ClientSampleId :

Tgt Ion: 58 Resp: 50569

Ion Ratio Lower Upper

58 100

43 296.4 223.1 334.7



#16

Carbon Disulfide

Concen: 19.577 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN080981.D

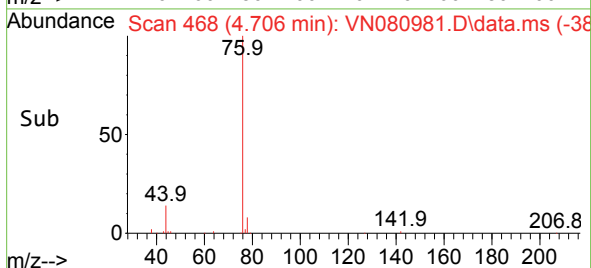
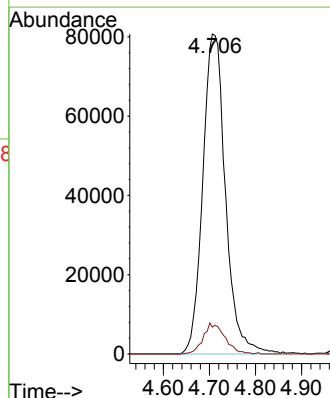
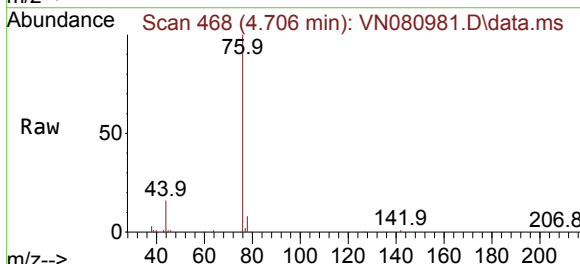
Acq: 09 Feb 2024 10:47

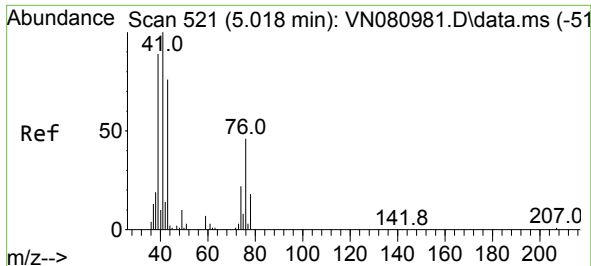
Tgt Ion: 76 Resp: 276628

Ion Ratio Lower Upper

76 100

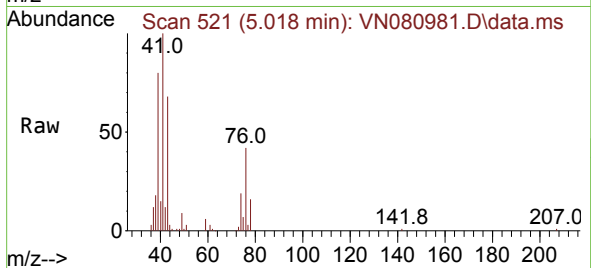
78 8.4 6.3 9.5



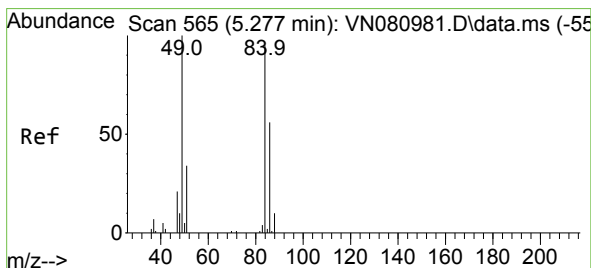
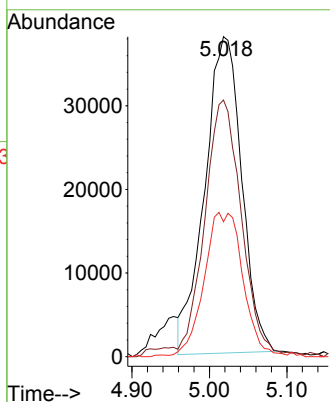
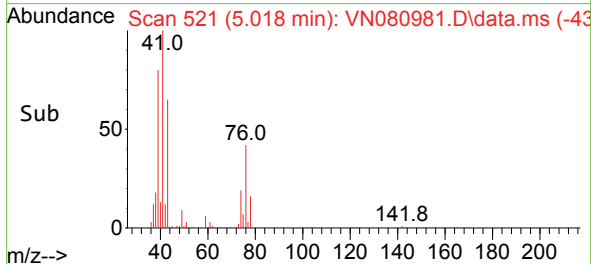


#17
 Allyl chloride
 Concen: 19.446 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Instrument :
 MSVOA_N
 ClientSampleId :

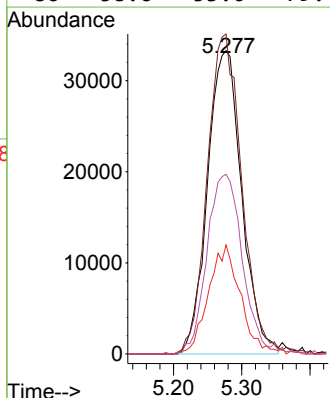
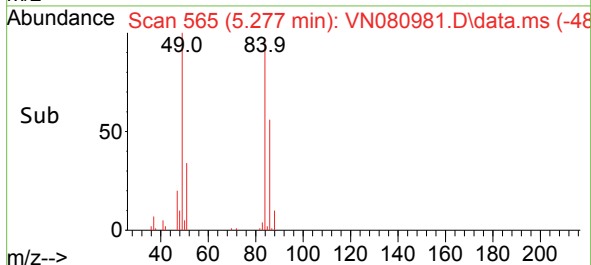
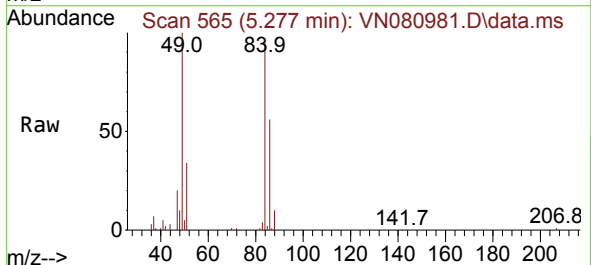


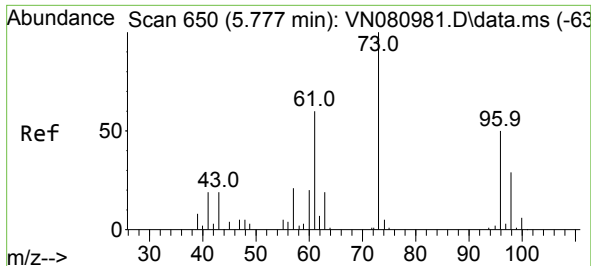
Tgt Ion: 41 Resp: 125745
 Ion Ratio Lower Upper
 41 100
 39 79.8 37.6 112.9
 76 41.8 27.8 83.4



#18
 Methylene Chloride
 Concen: 19.765 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

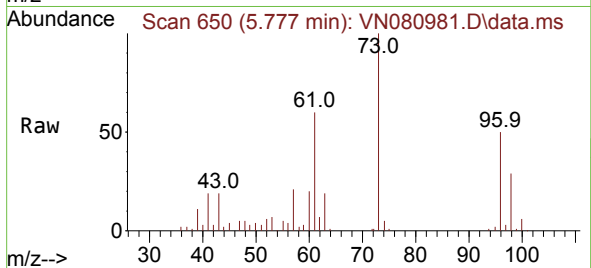
Tgt Ion: 84 Resp: 116380
 Ion Ratio Lower Upper
 84 100
 49 104.8 86.0 129.0
 51 35.3 30.0 45.0
 86 58.6 53.0 79.4



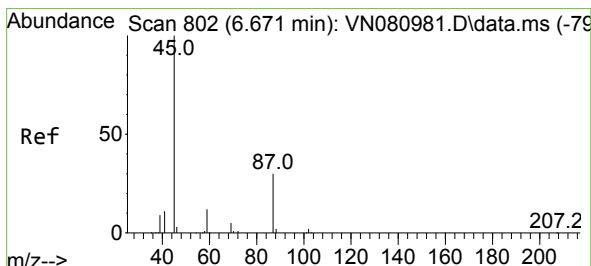
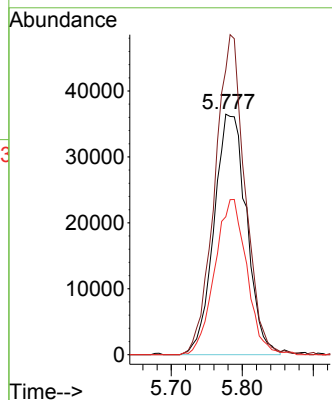
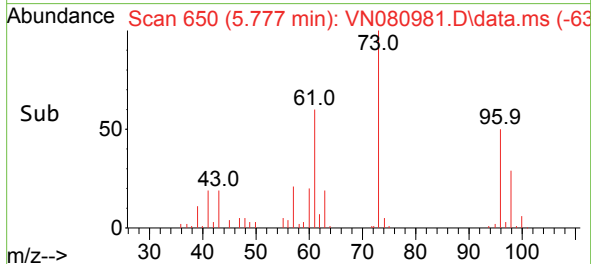


#19
trans-1,2-Dichloroethene
Concen: 19.809 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

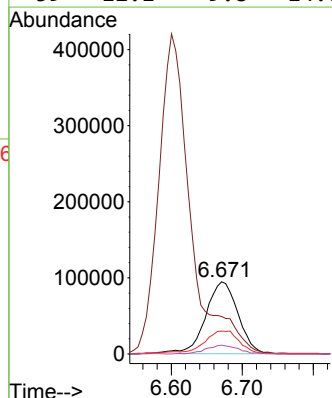
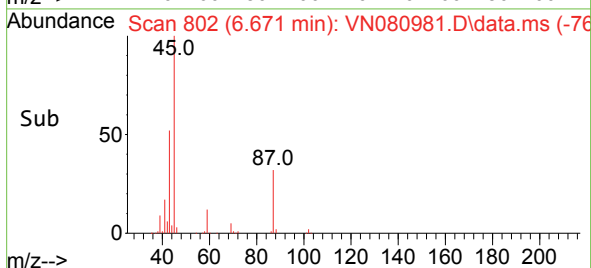
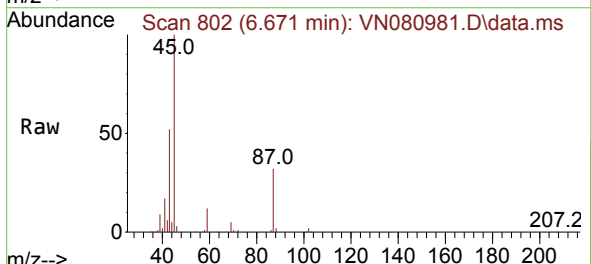


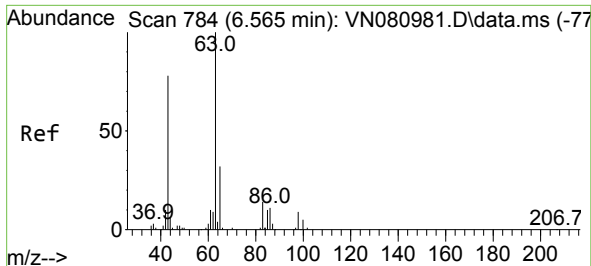
Tgt Ion: 96 Resp: 115783
Ion Ratio Lower Upper
96 100
61 118.4 111.8 167.6
98 57.4 49.2 73.8



#20
Diisopropyl ether
Concen: 18.872 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 45 Resp: 293305
Ion Ratio Lower Upper
45 100
43 50.8 40.4 60.6
87 31.9 23.8 35.8
59 12.1 9.8 14.6





#21

1,1-Dichloroethane

Concen: 19.387 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

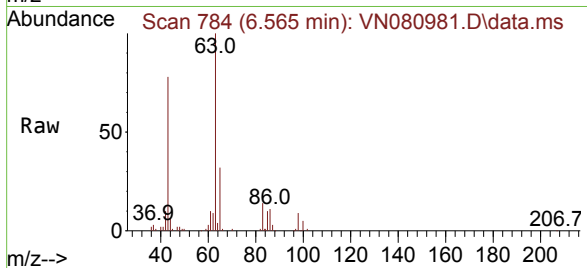
Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :



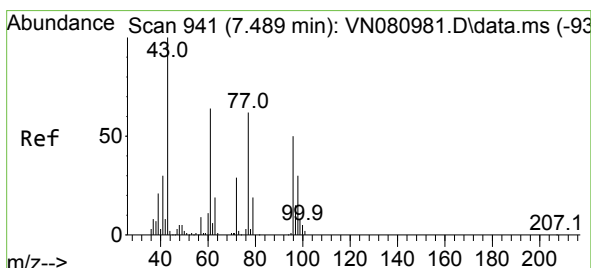
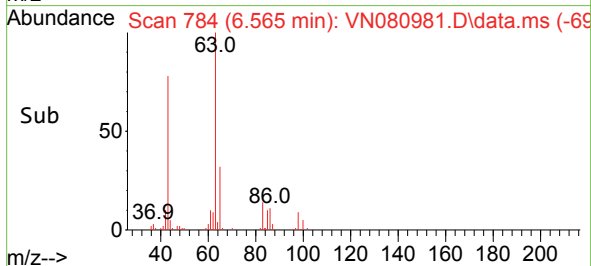
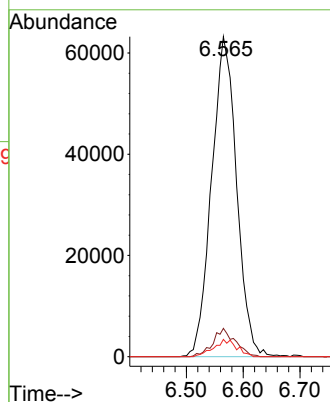
Tgt Ion: 63 Resp: 193097

Ion Ratio Lower Upper

63 100

98 8.9 4.1 12.3

100 5.4 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 19.723 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

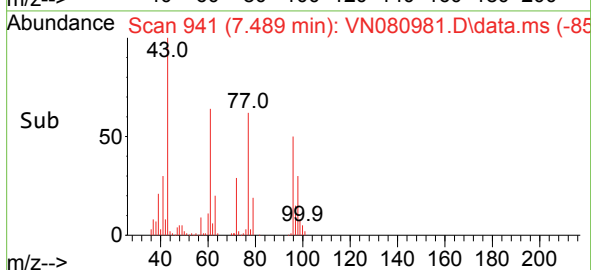
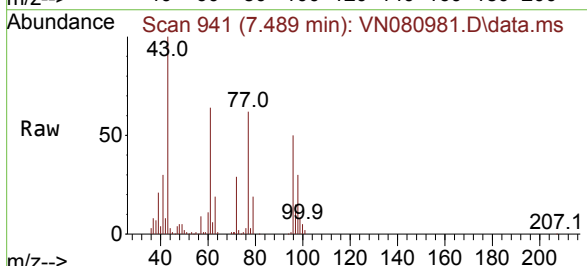
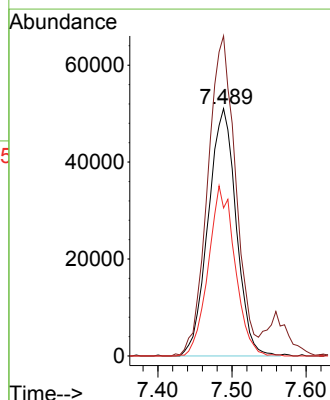
Tgt Ion: 96 Resp: 133949

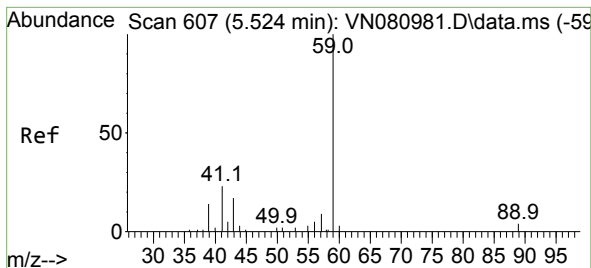
Ion Ratio Lower Upper

96 100

61 129.7 113.5 170.3

98 65.4 52.0 78.0





#23

tert-Butyl Alcohol

Concen: 97.380 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

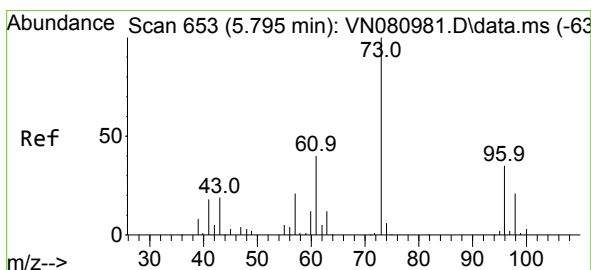
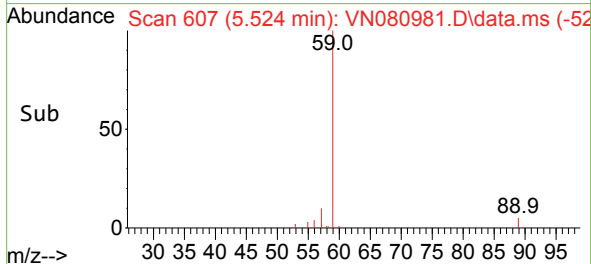
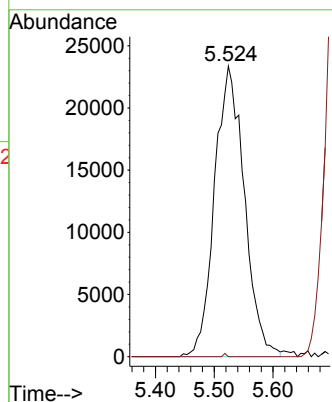
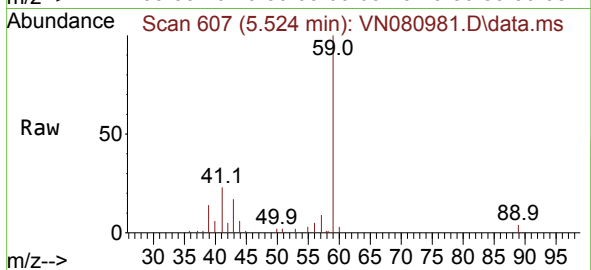
ClientSampleId :

Tgt Ion: 59 Resp: 82190

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.252 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.000 min

Lab File: VN080981.D

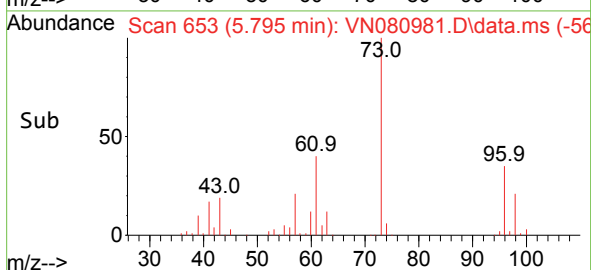
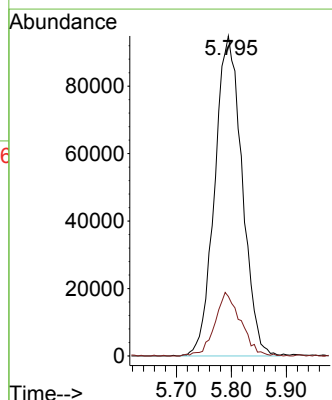
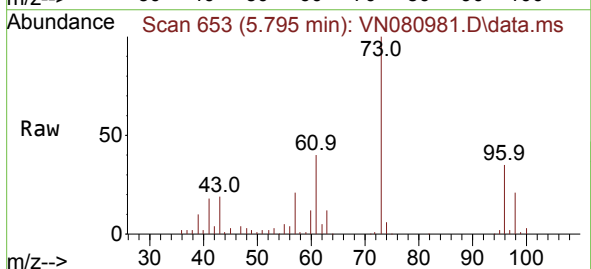
Acq: 09 Feb 2024 10:47

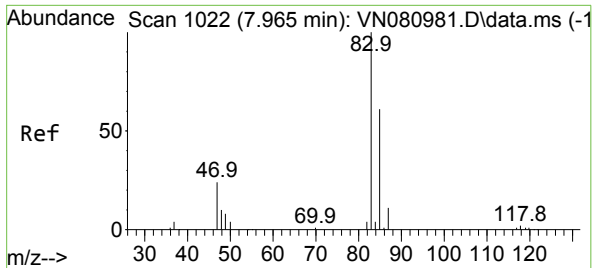
Tgt Ion: 73 Resp: 328607

Ion Ratio Lower Upper

73 100

43 18.0 13.4 20.2

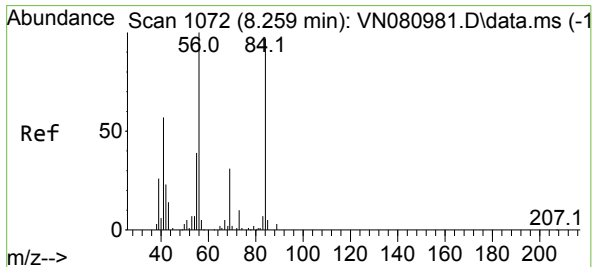
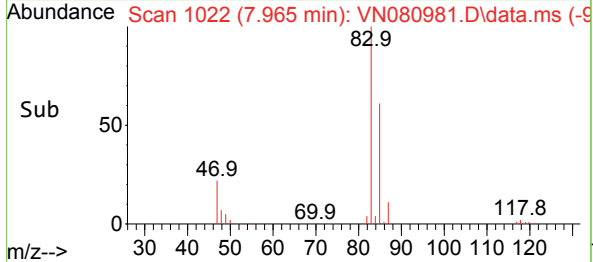
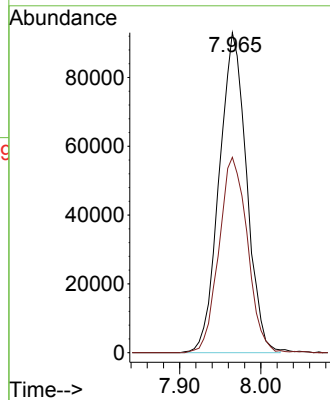
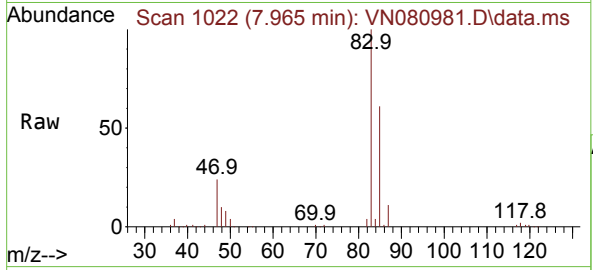




#25
Chloroform
Concen: 19.700 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

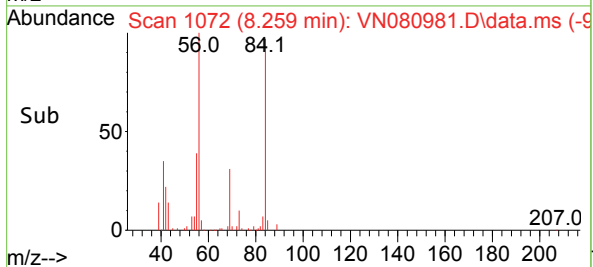
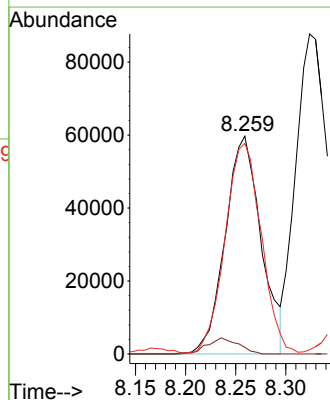
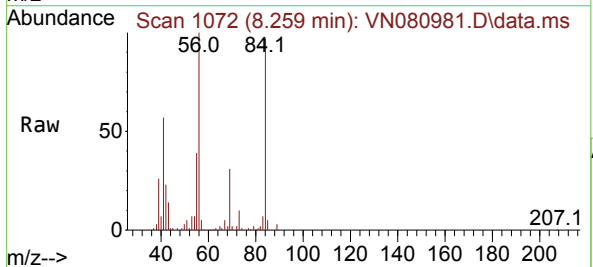
Instrument :
MSVOA_N
ClientSampleId :

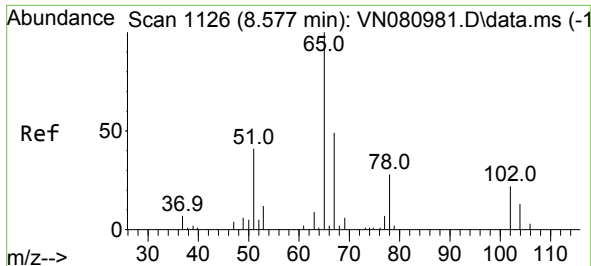
Tgt Ion: 83 Resp: 217681
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3



#26
Cyclohexane
Concen: 19.875 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 56 Resp: 149060
Ion Ratio Lower Upper
56 100
89 6.2 19.3 28.9#
84 97.5 71.3 106.9

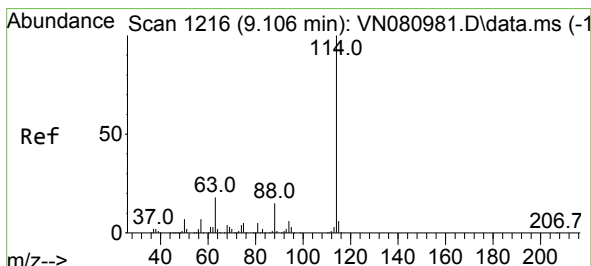
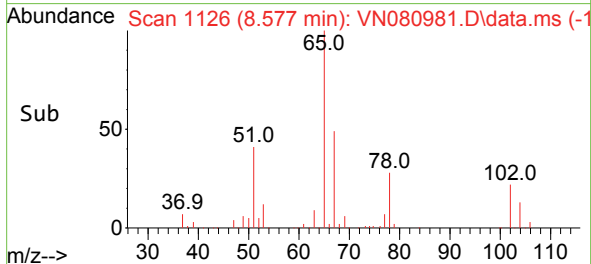
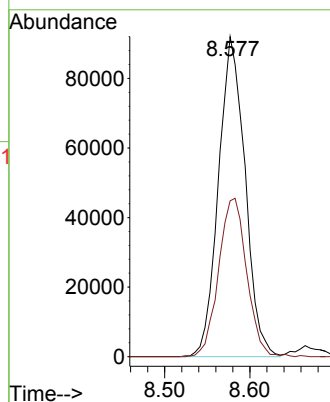
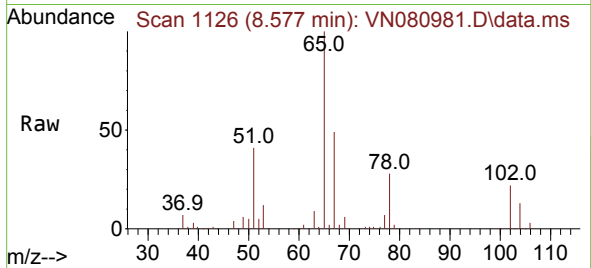




#27
 1,2-Dichloroethane-d4
 Concen: 29.364 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

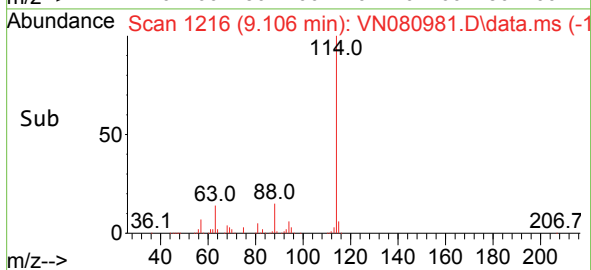
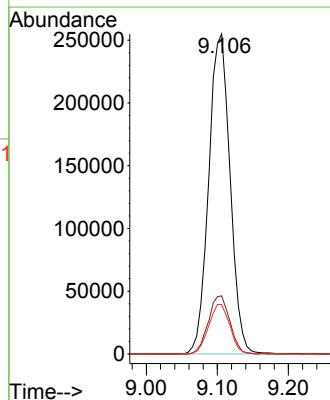
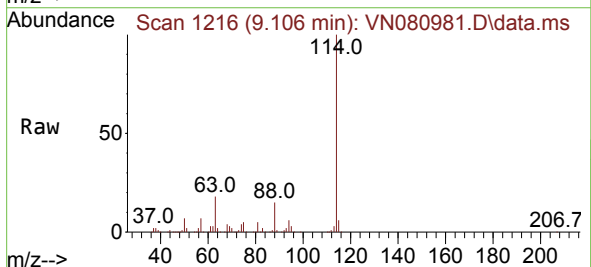
Instrument :
 MSVOA_N
 ClientSampleId :

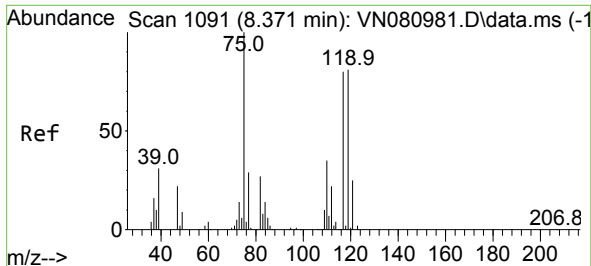
Tgt Ion: 65 Resp: 199078
 Ion Ratio Lower Upper
 65 100
 67 52.1 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion: 114 Resp: 532975
 Ion Ratio Lower Upper
 114 100
 63 18.3 15.9 23.9
 88 15.3 12.7 19.1

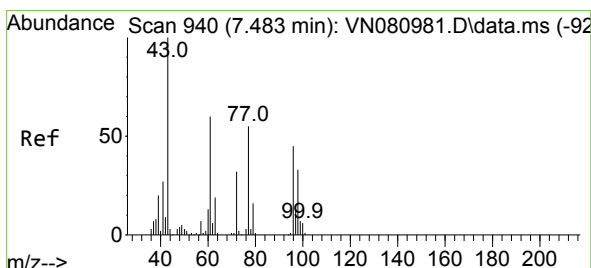
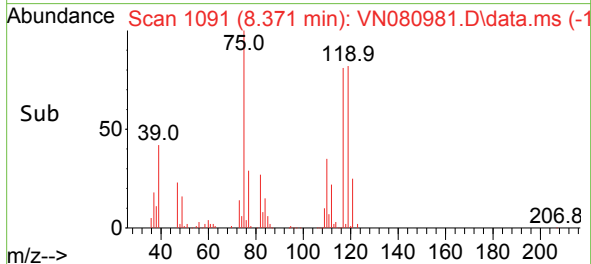
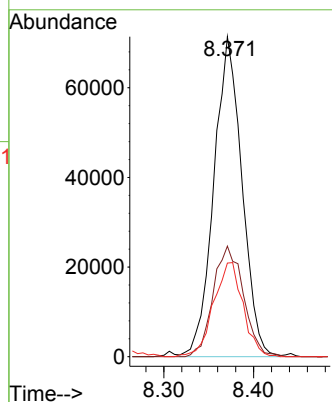
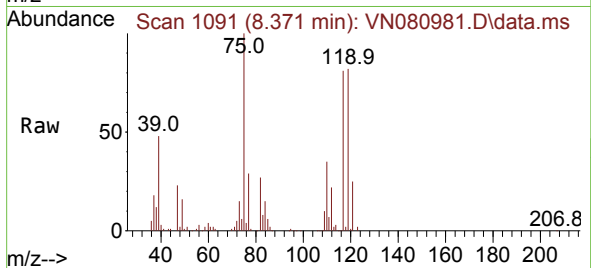




#29
1,1-Dichloropropene
Concen: 19.574 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

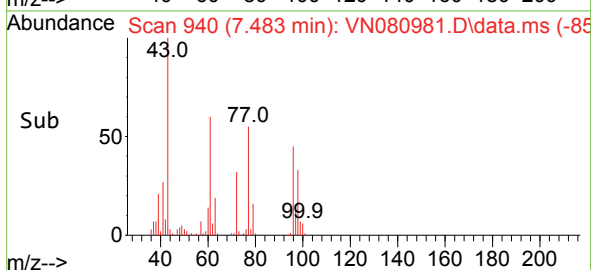
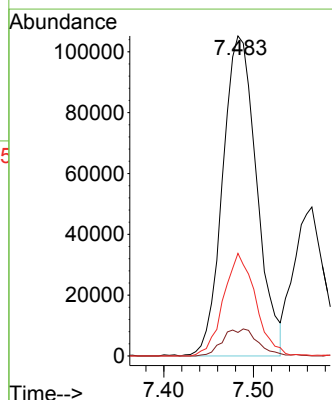
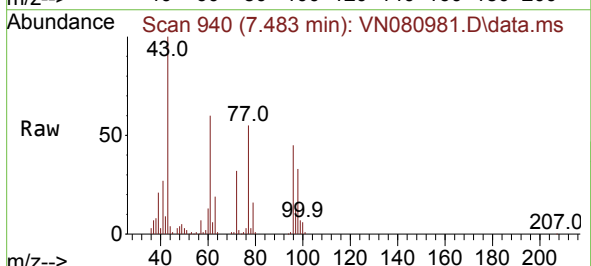
Instrument :
MSVOA_N
ClientSampleId :

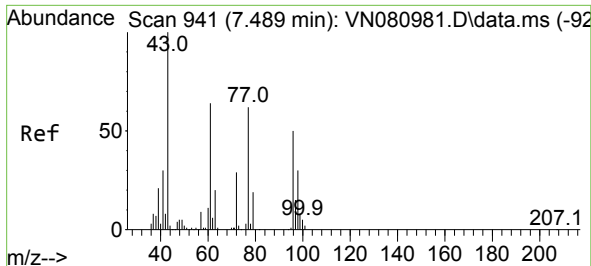
Tgt Ion: 75 Resp: 155396
Ion Ratio Lower Upper
75 100
110 37.0 0.0 70.2
77 30.8 0.0 61.4



#30
2-Butanone
Concen: 95.128 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 43 Resp: 277087
Ion Ratio Lower Upper
43 100
57 4.3 6.7 10.1#
72 30.2 24.0 36.0

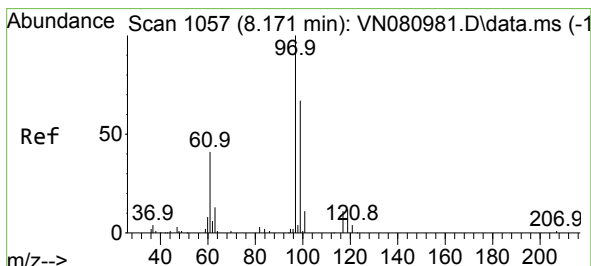
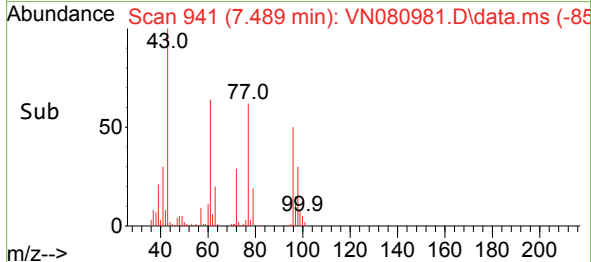
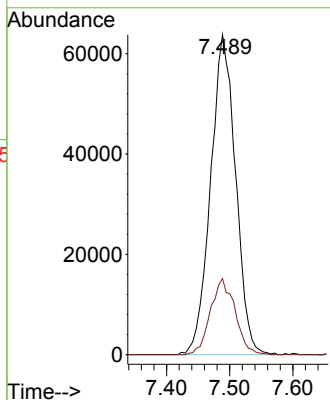
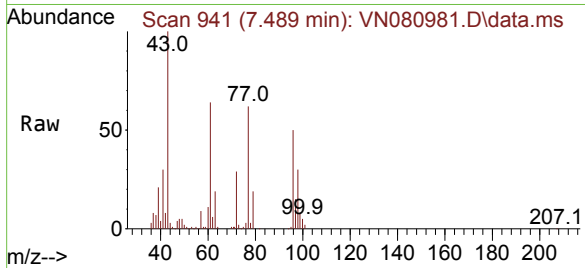




#31
2,2-Dichloropropane
Concen: 19.399 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

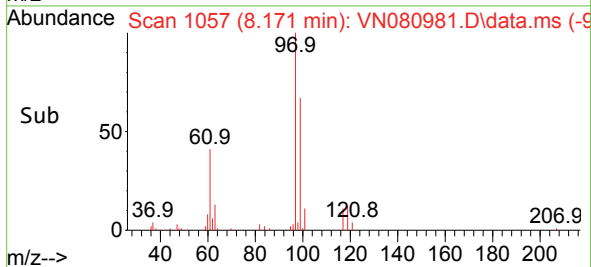
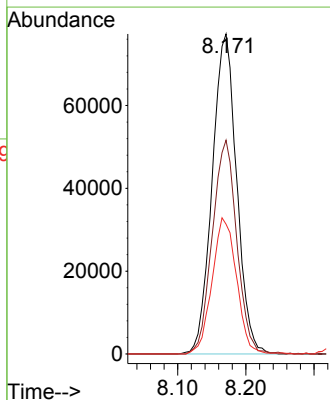
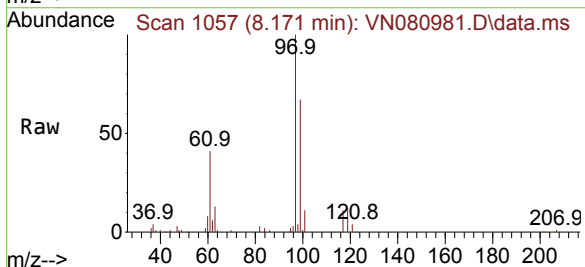
Instrument :
MSVOA_N
ClientSampleId :

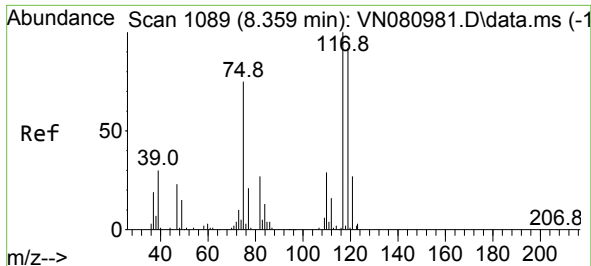
Tgt Ion: 77 Resp: 175350
Ion Ratio Lower Upper
77 100
97 23.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.347 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

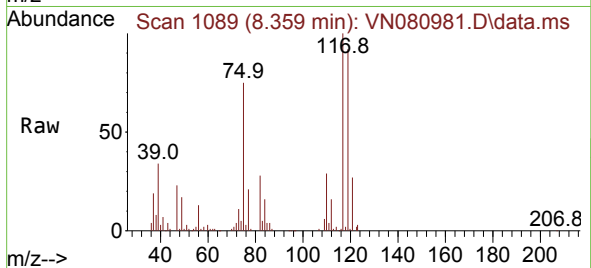
Tgt Ion: 97 Resp: 193215
Ion Ratio Lower Upper
97 100
99 66.4 51.0 76.4
61 42.5 33.8 50.8



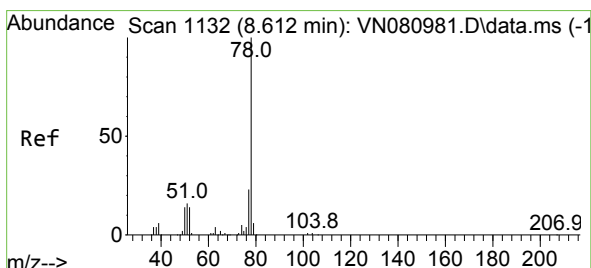
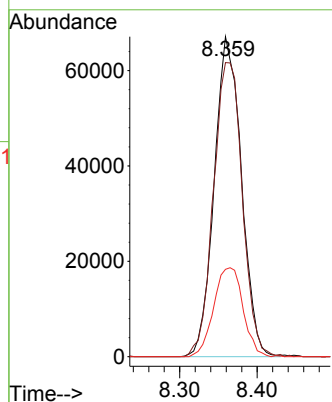
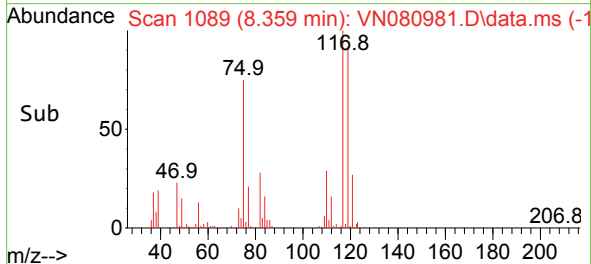


#33
Carbon Tetrachloride
Concen: 19.455 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

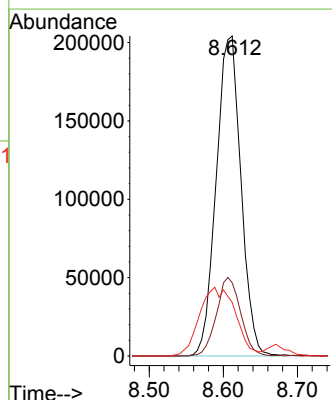
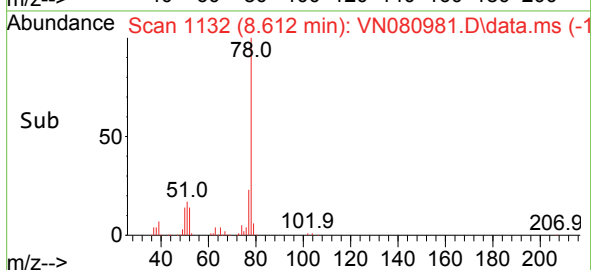
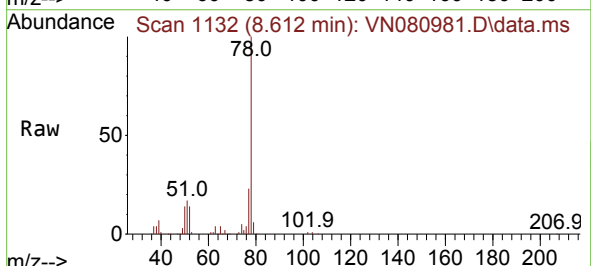


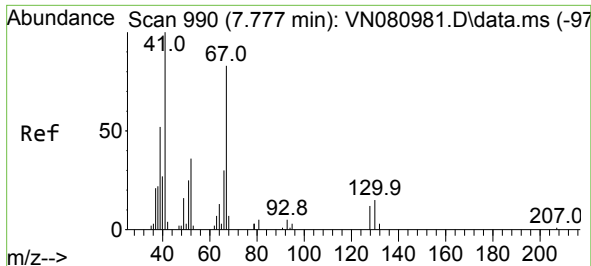
Tgt Ion:117 Resp: 163702
Ion Ratio Lower Upper
117 100
119 91.9 77.7 116.5
121 27.3 27.0 40.6



#34
Benzene
Concen: 19.513 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 78 Resp: 473407
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8
51 16.0 13.3 19.9

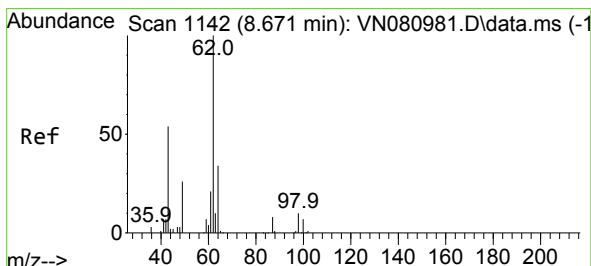
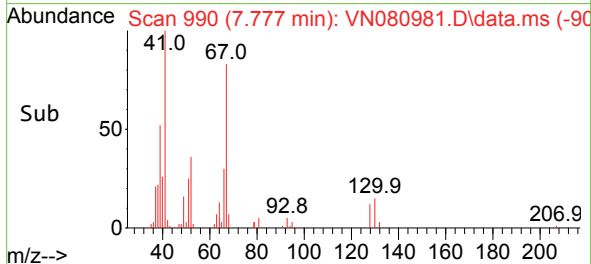
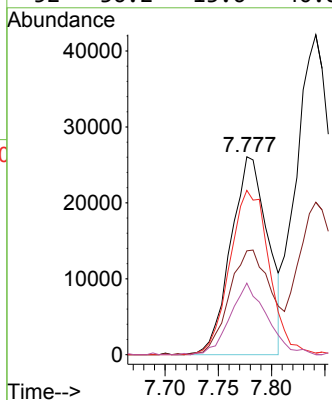
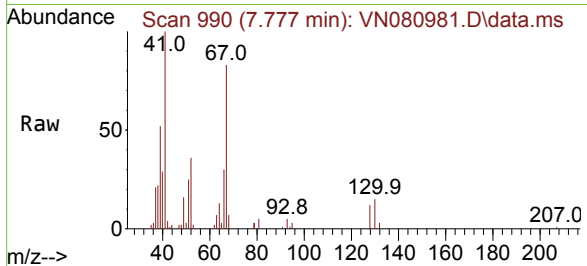




#35
Methacrylonitrile
Concen: 18.469 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

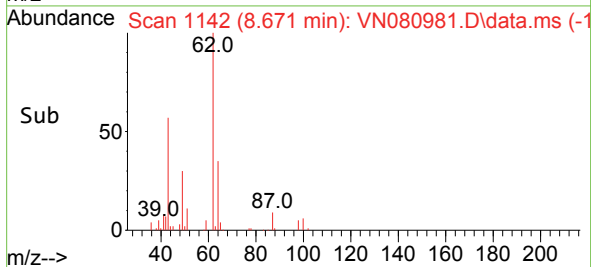
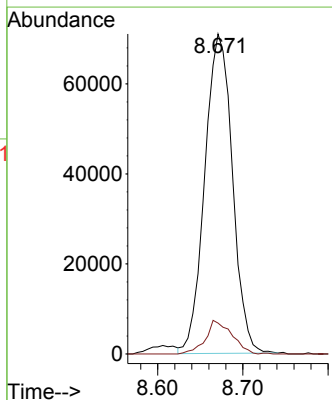
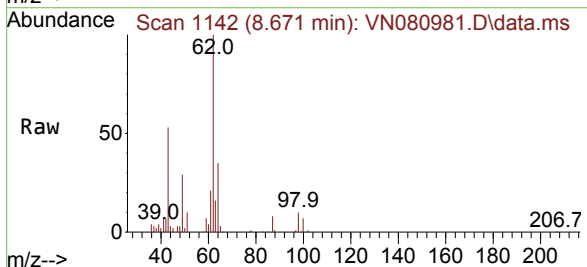
Instrument :
MSVOA_N
ClientSampleId :

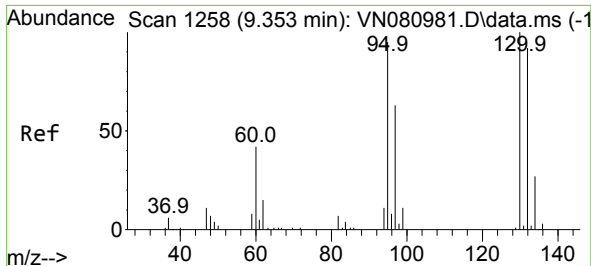
Tgt Ion:	41	Resp:	63232
Ion	Ratio	Lower	Upper
41	100		
39	51.8	25.3	75.9
67	83.0	38.7	116.1
52	36.2	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.677 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion:	62	Resp:	160210
Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.2	12.4





#37

Trichloroethene

Concen: 19.953 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

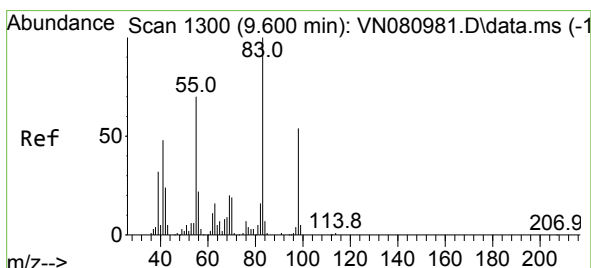
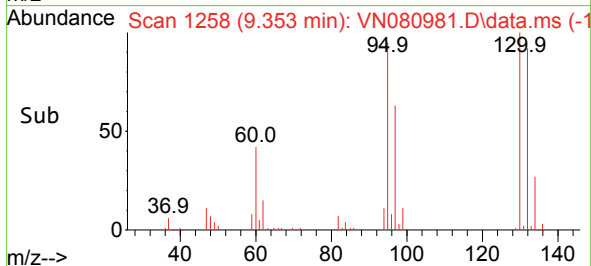
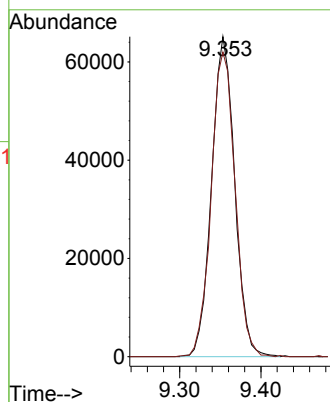
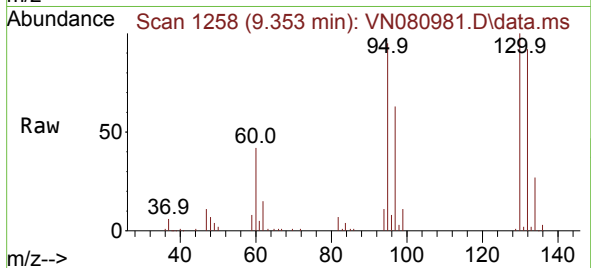
ClientSampleId :

Tgt Ion:130 Resp: 128703

Ion Ratio Lower Upper

130 100

95 95.0 80.2 120.4



#38

Methylcyclohexane

Concen: 19.429 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

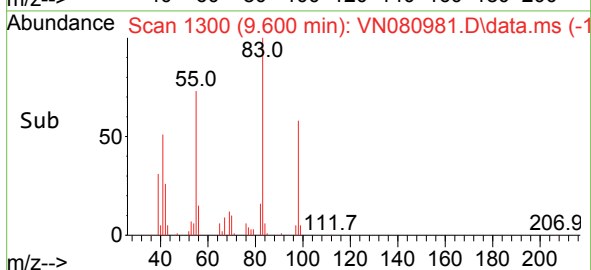
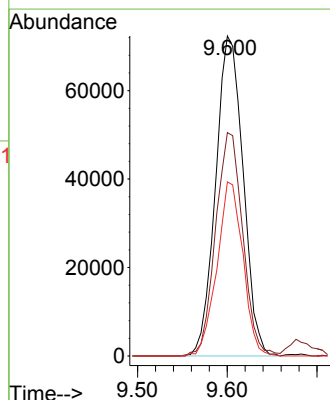
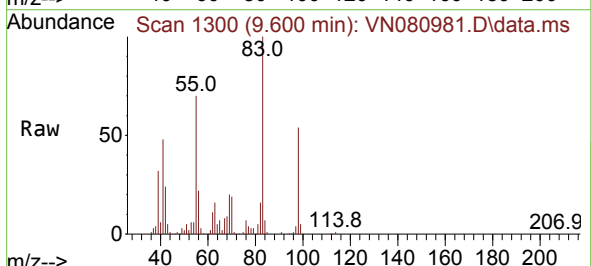
Tgt Ion: 83 Resp: 153933

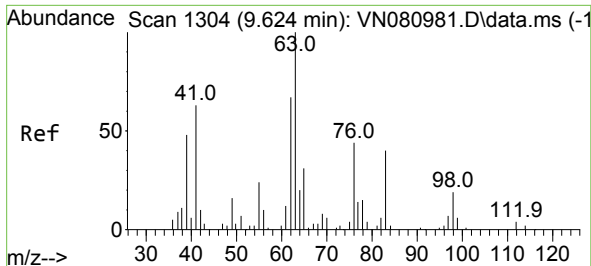
Ion Ratio Lower Upper

83 100

55 69.0 36.6 109.9

98 51.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.542 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

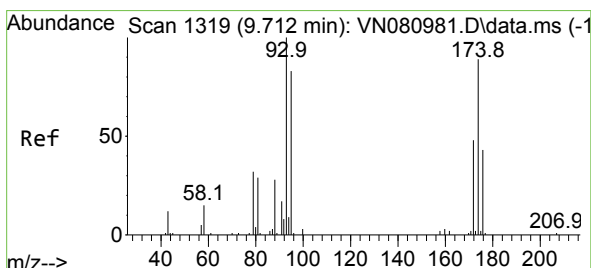
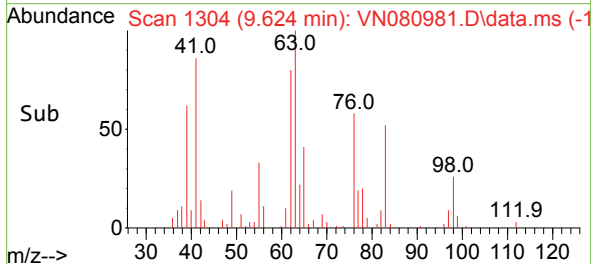
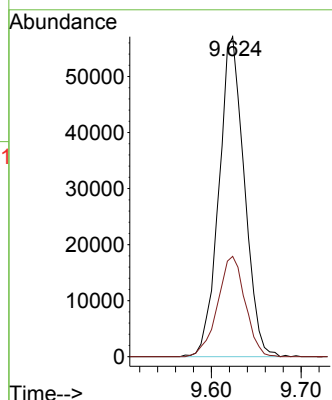
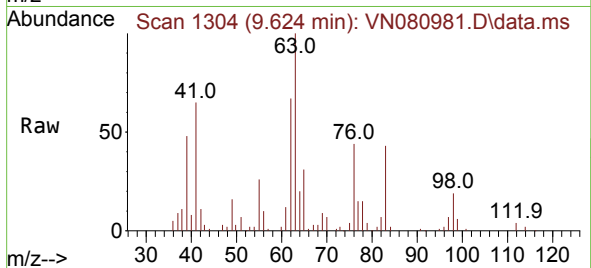
ClientSampleId :

Tgt Ion: 63 Resp: 112452

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#40

Dibromomethane

Concen: 19.384 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

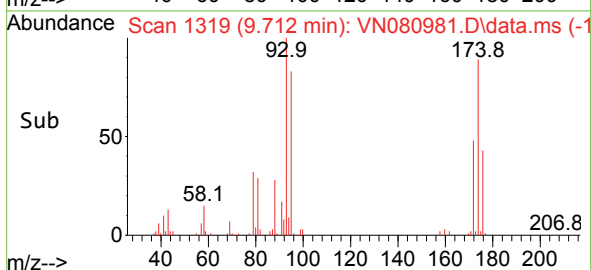
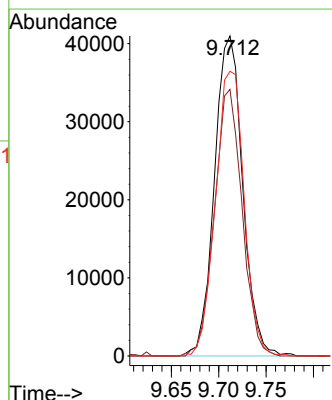
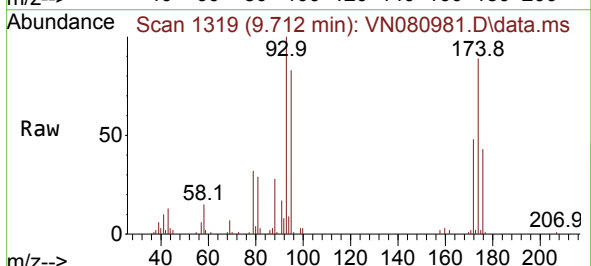
Tgt Ion: 93 Resp: 84863

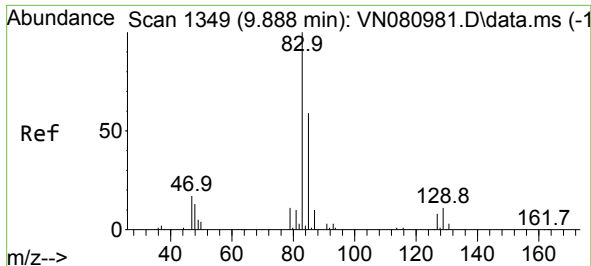
Ion Ratio Lower Upper

93 100

95 81.7 0.0 164.6

174 90.4 0.0 193.2

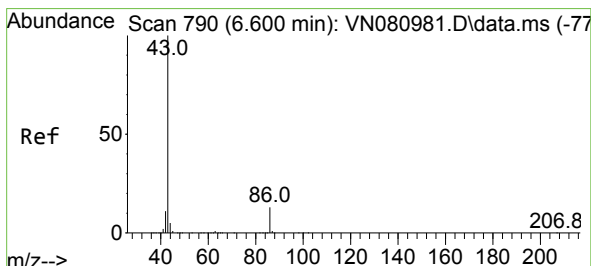
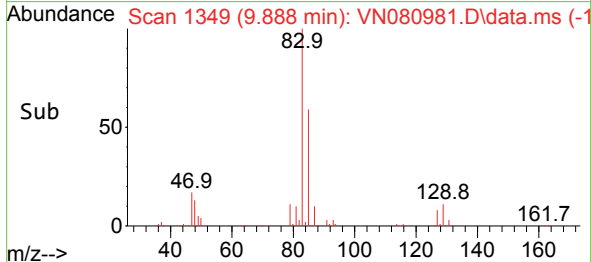
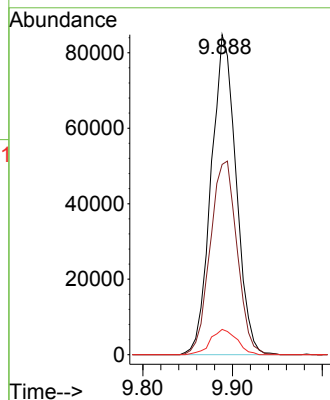
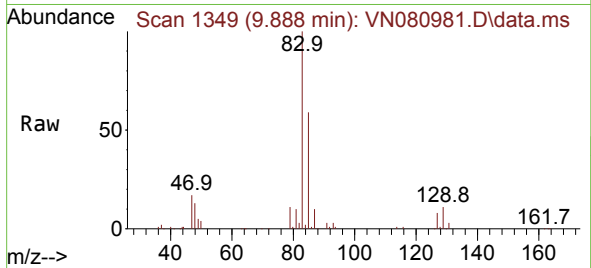




#41
Bromodichloromethane
Concen: 19.058 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

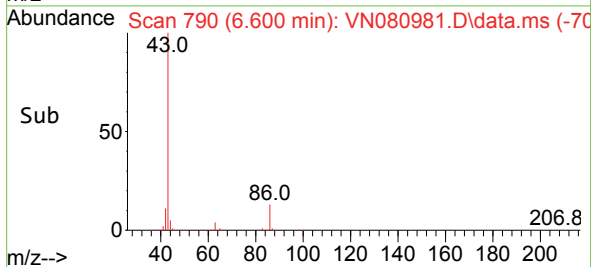
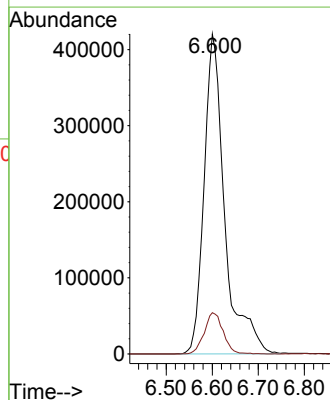
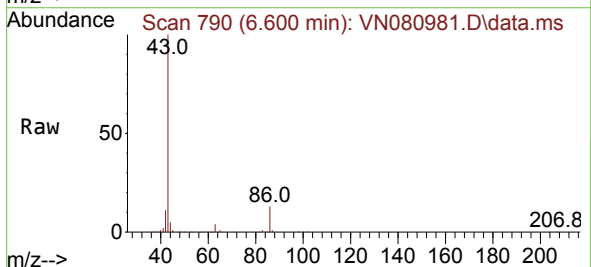
Instrument :
MSVOA_N
ClientSampleId :

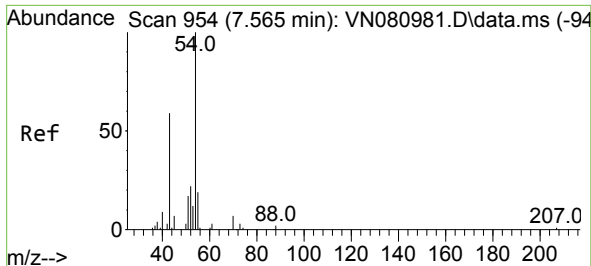
Tgt Ion: 83 Resp: 163297
Ion Ratio Lower Upper
83 100
85 59.5 49.4 74.2
127 7.9 7.3 10.9



#42
Vinyl Acetate
Concen: 105.024 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 43 Resp: 1314405
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.2

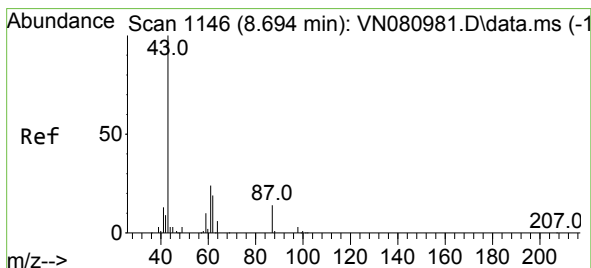
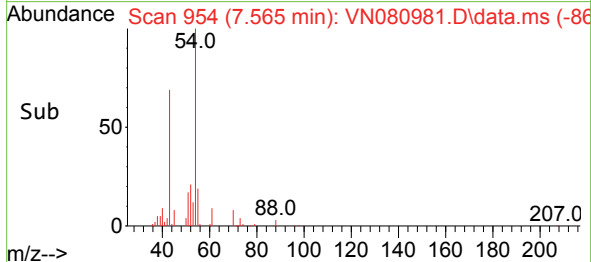
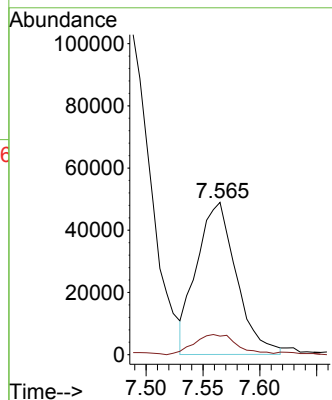
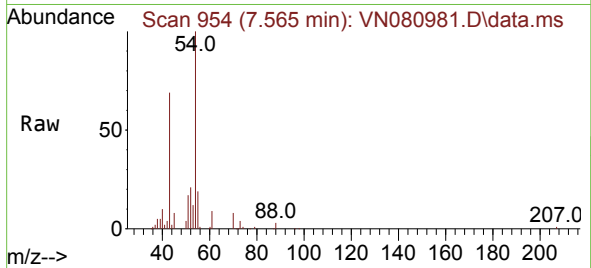




#43
Ethyl Acetate
Concen: 19.096 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

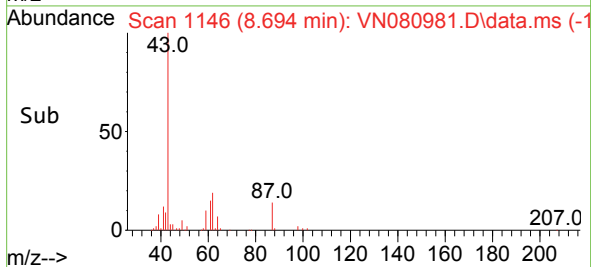
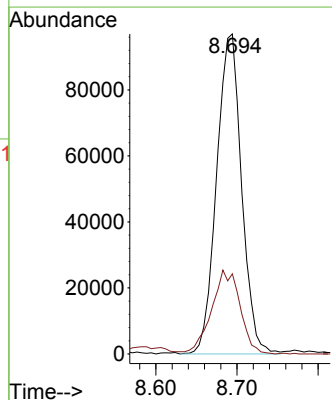
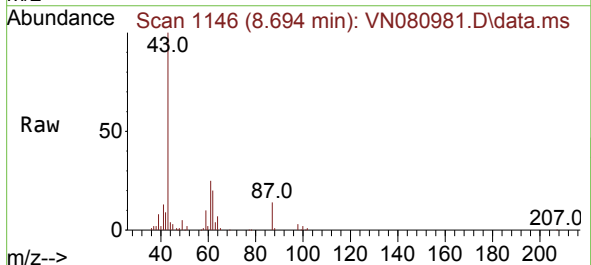
Instrument :
MSVOA_N
ClientSampleId :

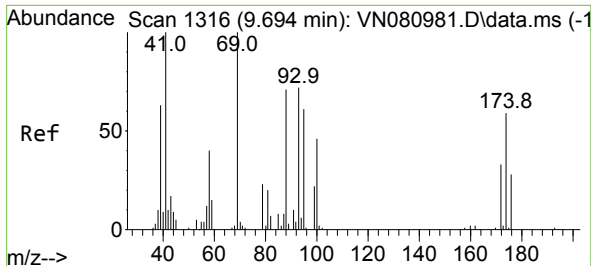
Tgt Ion: 43 Resp: 118461
Ion Ratio Lower Upper
43 100
45 14.4 10.6 15.8



#44
Isopropyl Acetate
Concen: 19.039 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 43 Resp: 207538
Ion Ratio Lower Upper
43 100
61 30.0 25.0 37.4

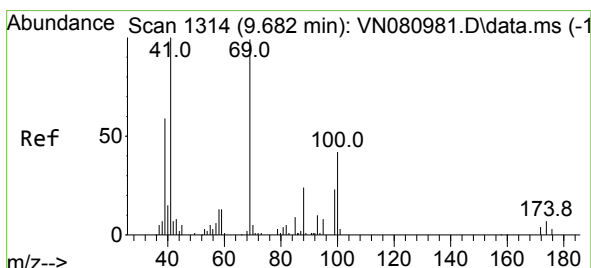
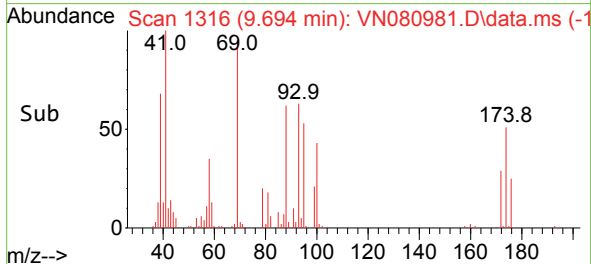
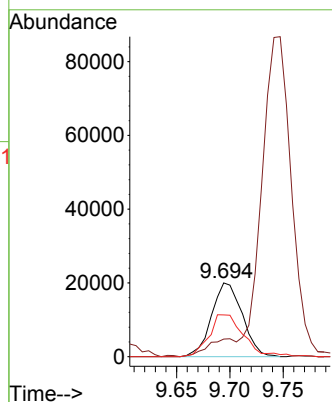
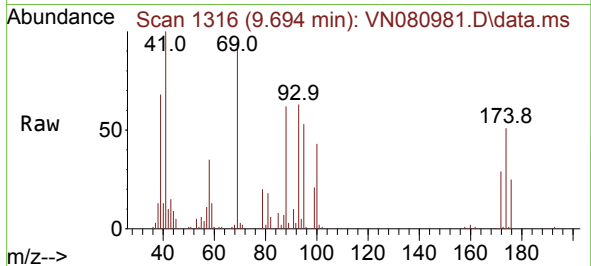




#45
1,4-Dioxane
Concen: 391.246 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

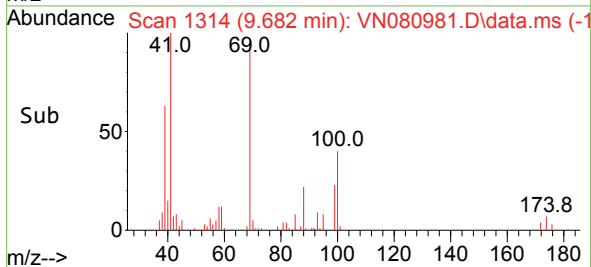
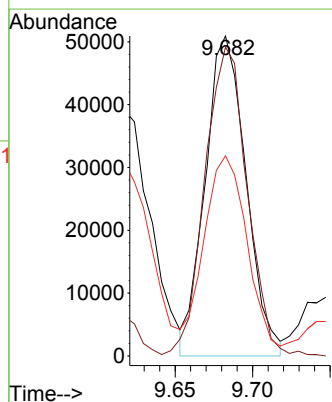
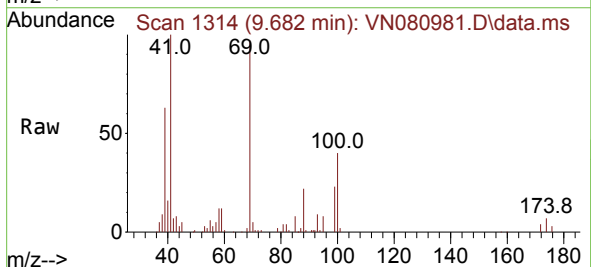
Instrument :
MSVOA_N
ClientSampleId :

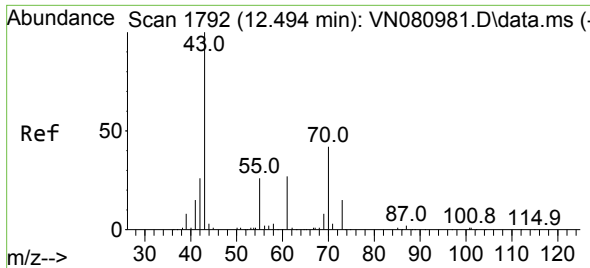
Tgt Ion: 88 Resp: 40219
Ion Ratio Lower Upper
88 100
43 22.8 19.8 29.6
58 60.9 55.4 83.0



#46
Methyl methacrylate
Concen: 18.710 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 41 Resp: 93324
Ion Ratio Lower Upper
41 100
69 98.6 51.1 153.3
39 62.3 25.8 77.3

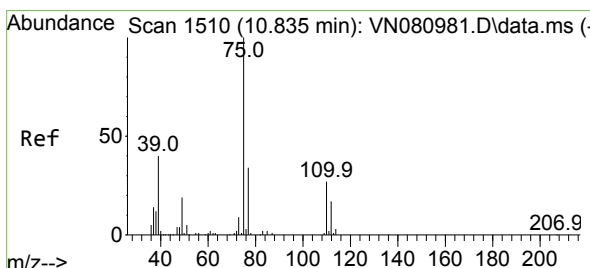
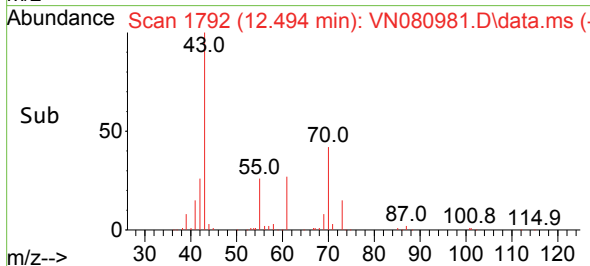
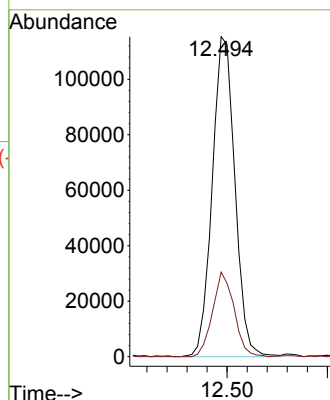
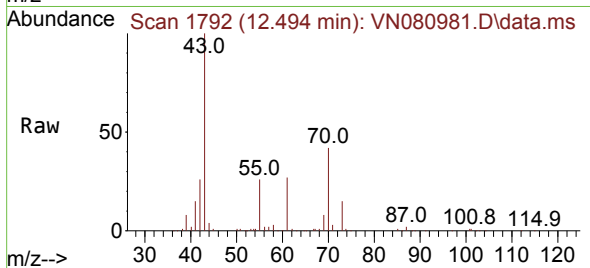




#47
n-amyl acetate
Concen: 19.075 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

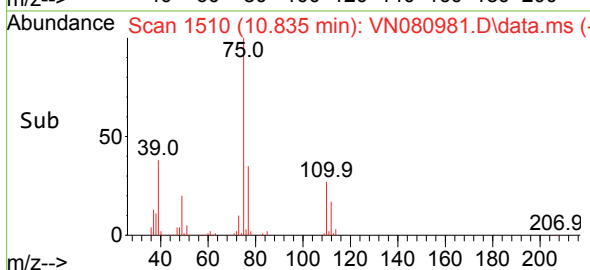
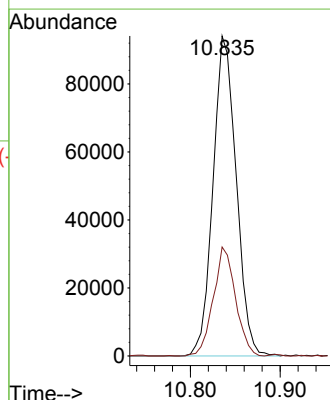
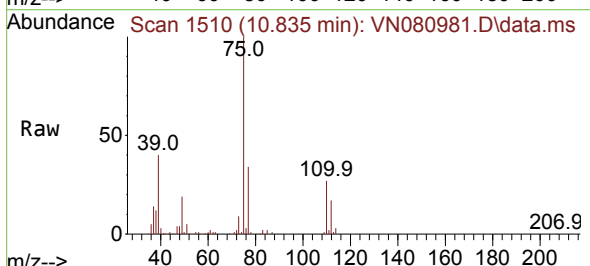
Instrument :
MSVOA_N
ClientSampleId :

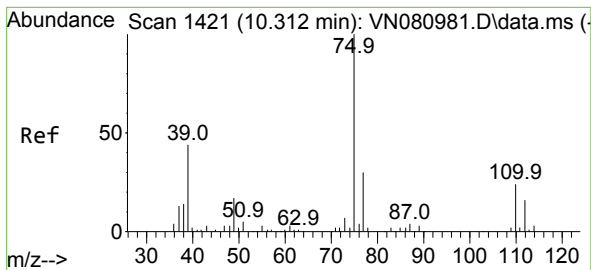
Tgt Ion: 43 Resp: 181342
Ion Ratio Lower Upper
43 100
55 25.0 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 18.813 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 75 Resp: 168943
Ion Ratio Lower Upper
75 100
77 34.0 23.8 35.6

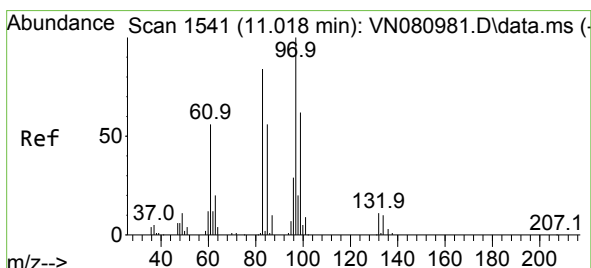
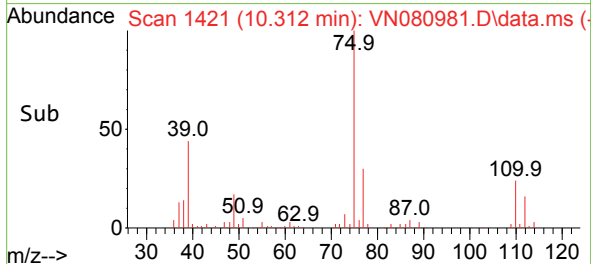
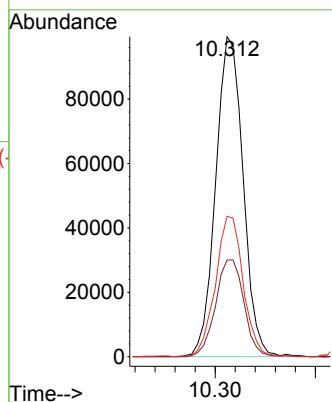
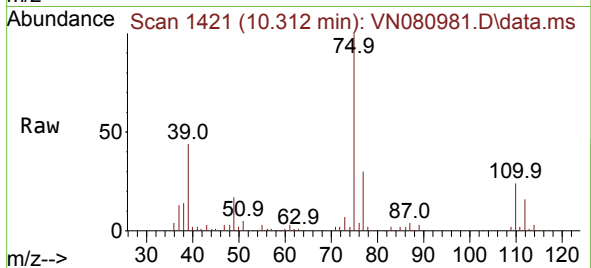




#49
 cis-1,3-Dichloropropene
 Concen: 19.315 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

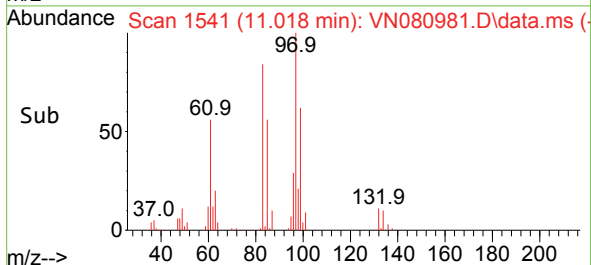
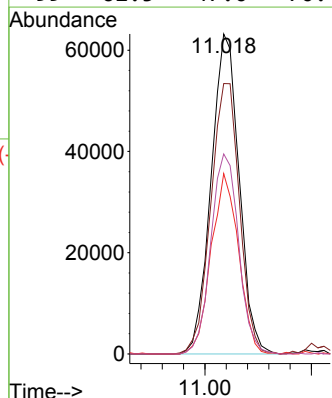
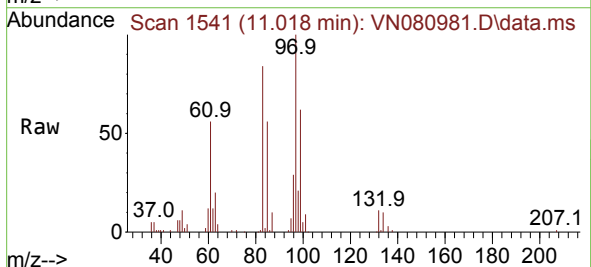
Instrument :
 MSVOA_N
 ClientSampleId :

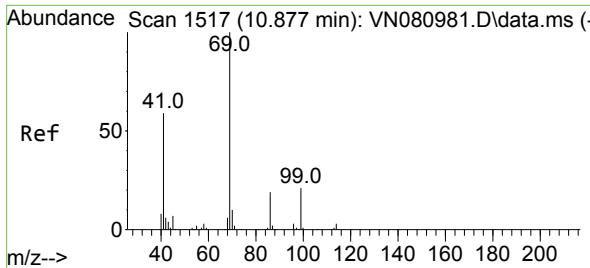
Tgt Ion: 75 Resp: 187942
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3
 39 43.8 31.0 46.6



#50
 1,1,2-Trichloroethane
 Concen: 19.047 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion: 97 Resp: 115382
 Ion Ratio Lower Upper
 97 100
 83 84.5 68.1 102.1
 85 56.3 41.8 62.6
 99 62.5 47.0 70.4

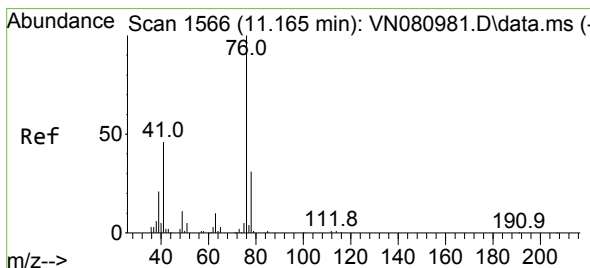
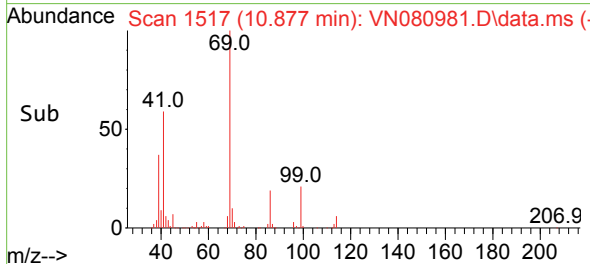
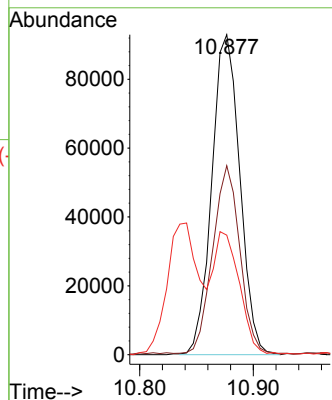
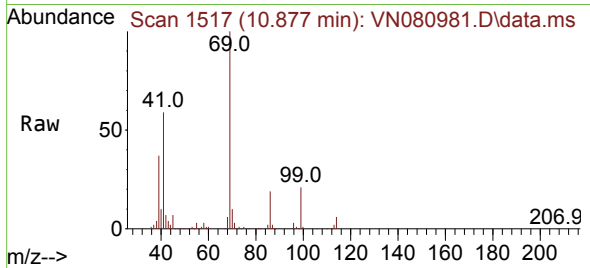




#51
Ethyl methacrylate
Concen: 18.822 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

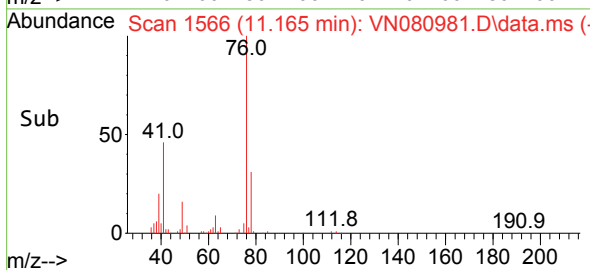
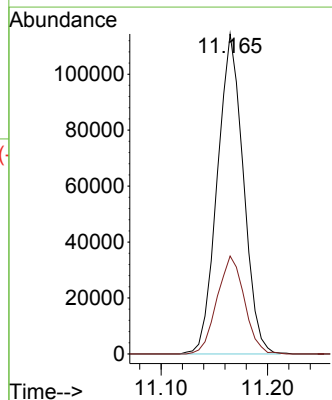
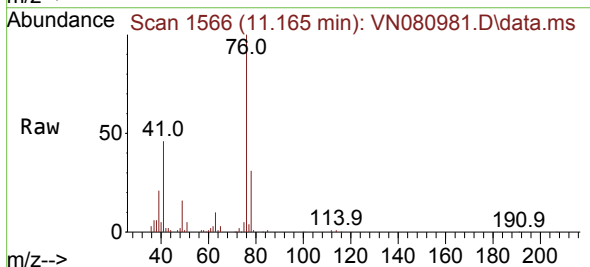
Instrument :
MSVOA_N
ClientSampleId :

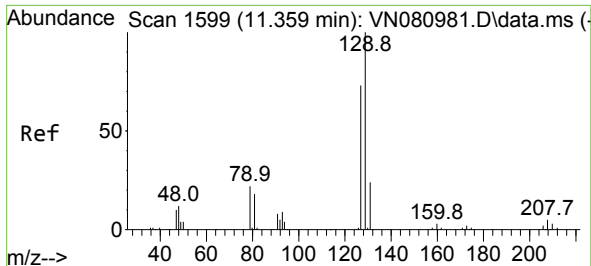
Tgt Ion: 69 Resp: 159362
Ion Ratio Lower Upper
69 100
41 58.6 25.5 76.5
39 37.1 16.0 47.9



#52
1,3-Dichloropropane
Concen: 19.397 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 76 Resp: 194035
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.8

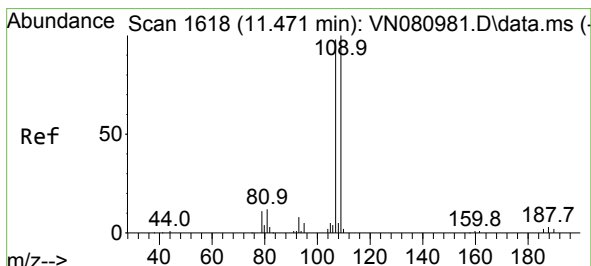
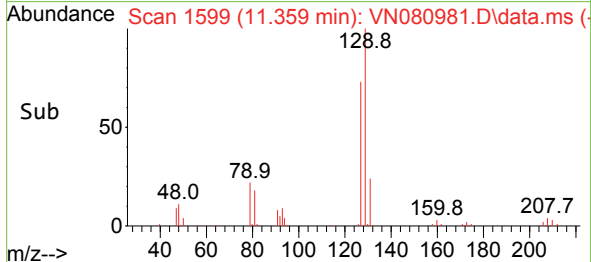
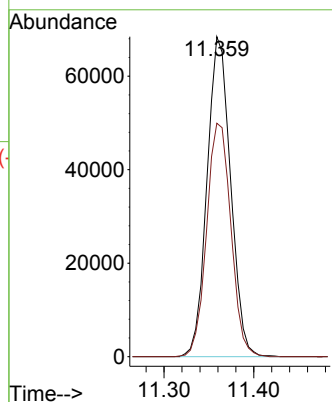
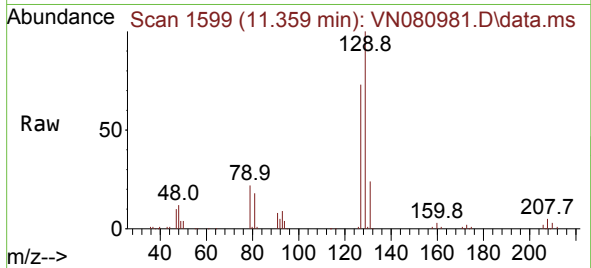




#53
Dibromochloromethane
Concen: 18.874 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

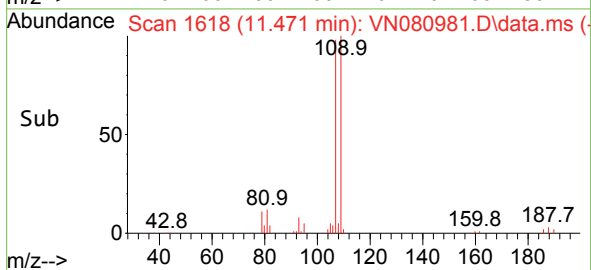
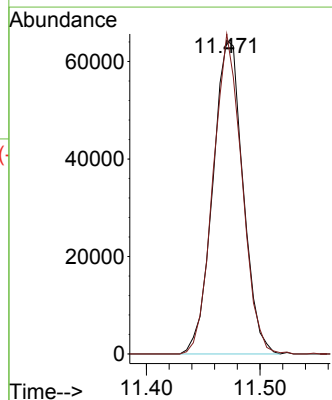
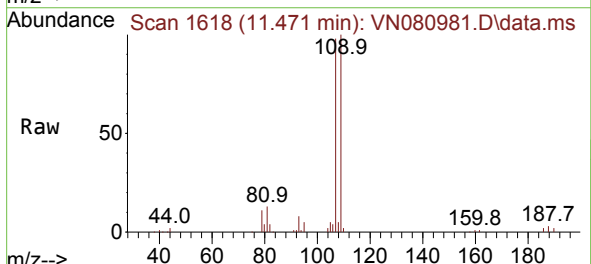
Instrument :
MSVOA_N
ClientSampleId :

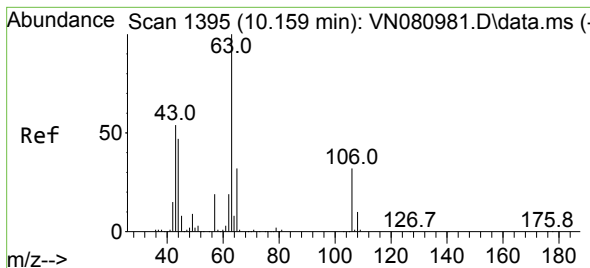
Tgt Ion:129 Resp: 124621
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 18.933 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion:107 Resp: 118657
Ion Ratio Lower Upper
107 100
109 97.3 74.7 112.1

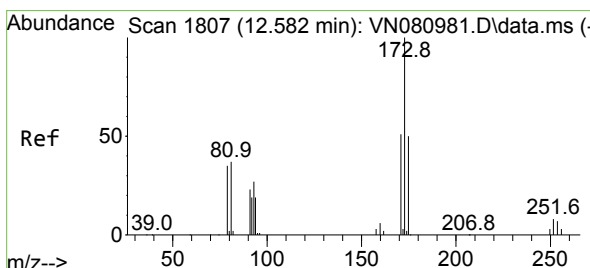
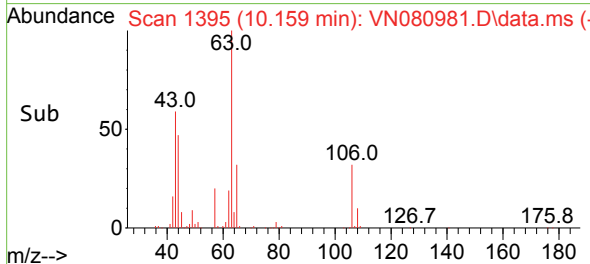
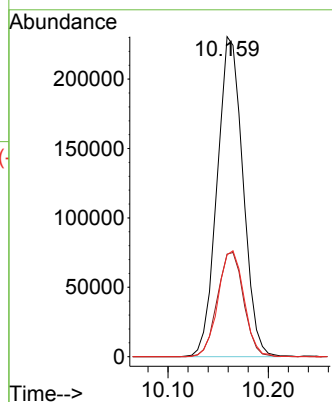
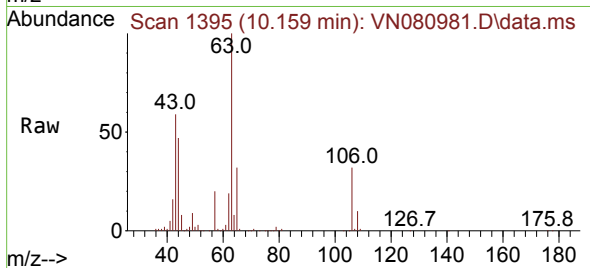




#55
2-Chloroethyl vinyl ether
Concen: 95.022 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

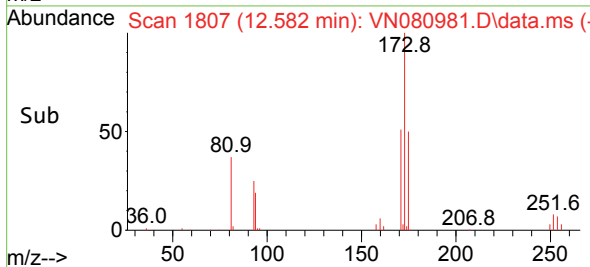
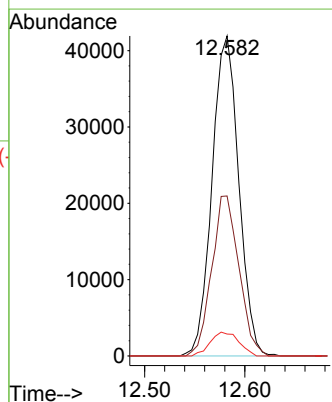
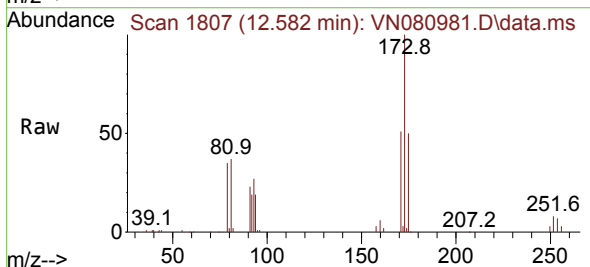
Instrument :
MSVOA_N
ClientSampleId :

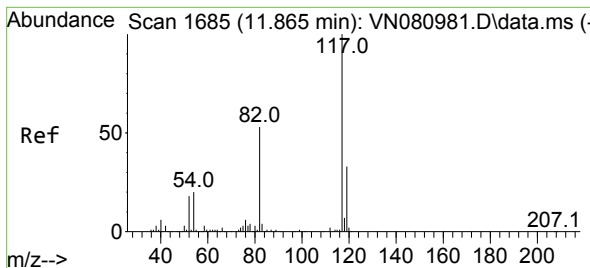
Tgt Ion: 63 Resp: 412281
Ion Ratio Lower Upper
63 100
65 33.1 26.2 39.2
106 33.2 23.8 35.8



#56
Bromoform
Concen: 18.471 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

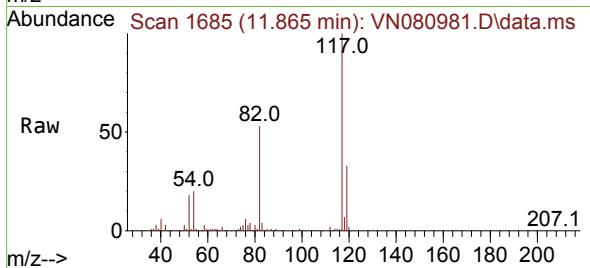
Tgt Ion:173 Resp: 77672
Ion Ratio Lower Upper
173 100
175 50.9 40.0 60.0
254 8.0 8.3 12.5#



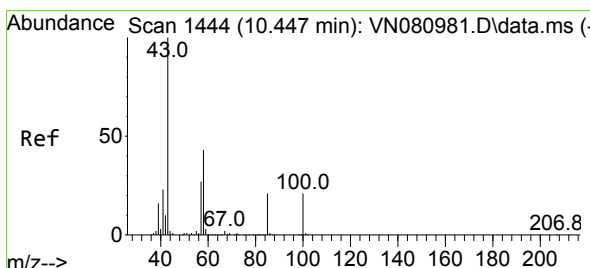
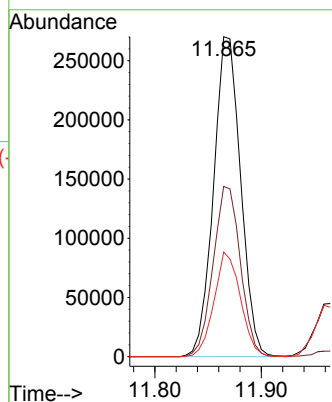
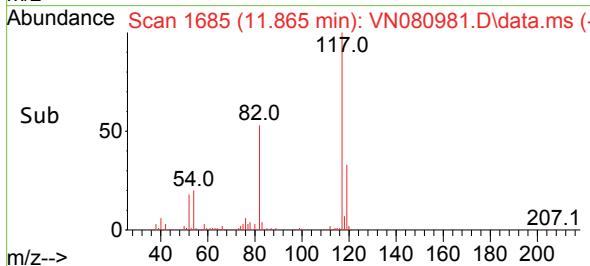


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

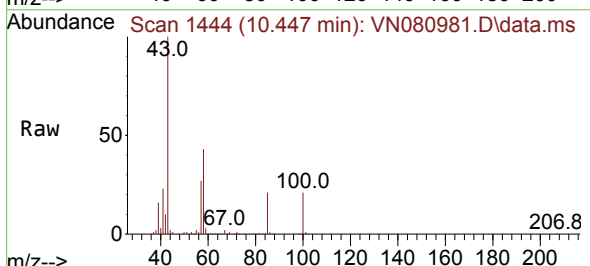
Instrument :
MSVOA_N
ClientSampleId :



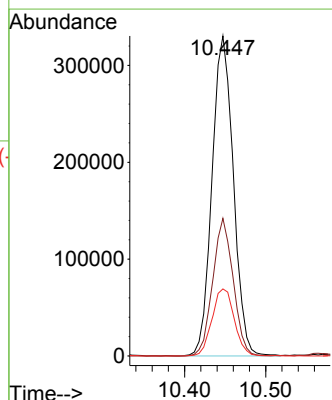
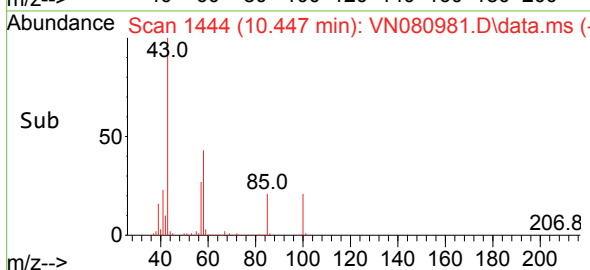
Tgt Ion:117 Resp: 477378
Ion Ratio Lower Upper
117 100
82 53.5 46.6 69.8
119 31.9 25.4 38.2

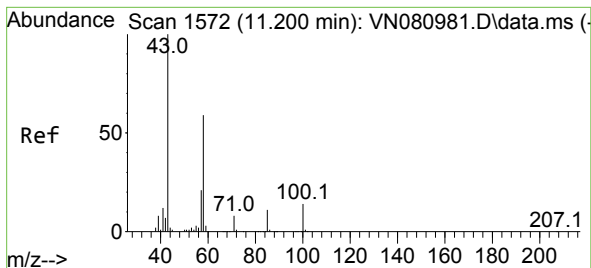


#58
4-Methyl-2-Pentanone
Concen: 97.501 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47



Tgt Ion: 43 Resp: 604280
Ion Ratio Lower Upper
43 100
58 41.2 36.5 54.7
85 21.8 19.5 29.3

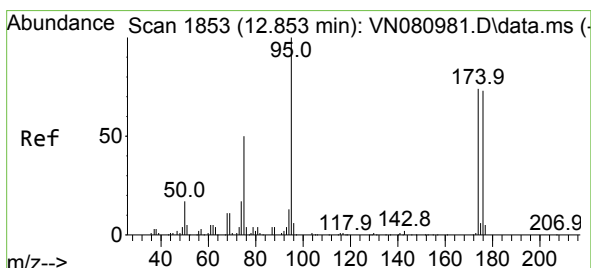
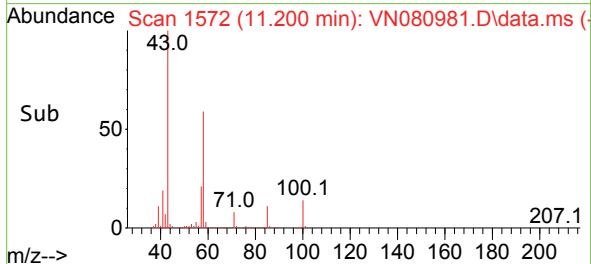
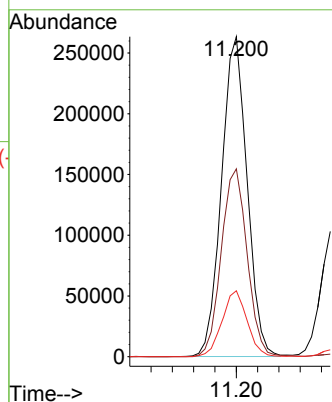
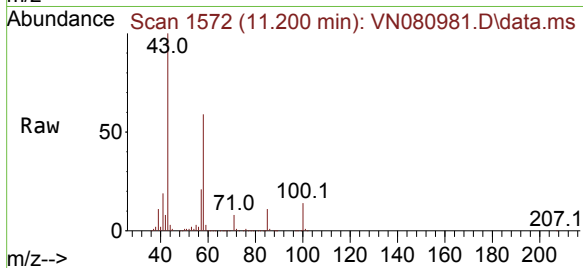




#59
2-Hexanone
Concen: 96.040 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

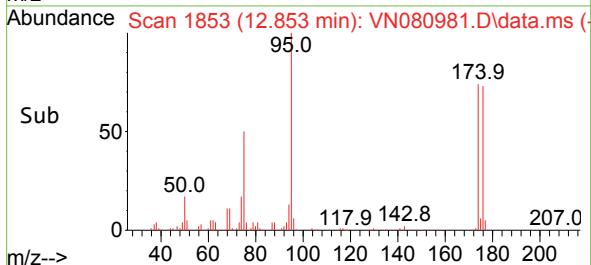
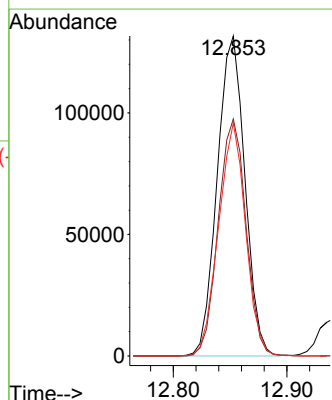
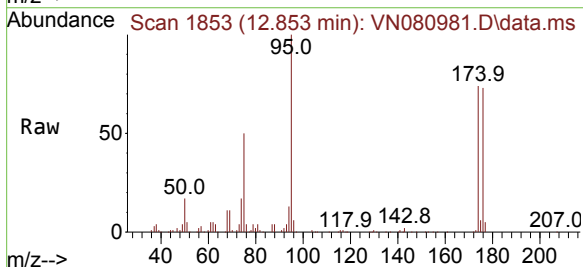
Instrument :
MSVOA_N
ClientSampleId :

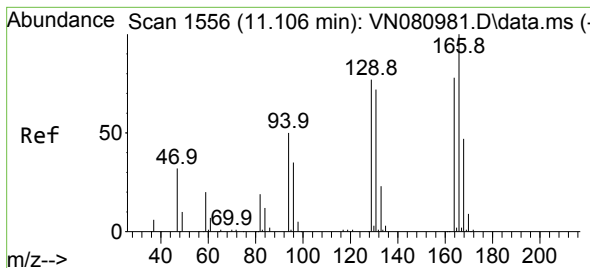
Tgt Ion: 43 Resp: 437787
Ion Ratio Lower Upper
43 100
58 59.7 50.4 75.6
57 20.3 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.535 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 95 Resp: 222846
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 70.7 57.8 86.6





#61

Tetrachloroethene

Concen: 20.194 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

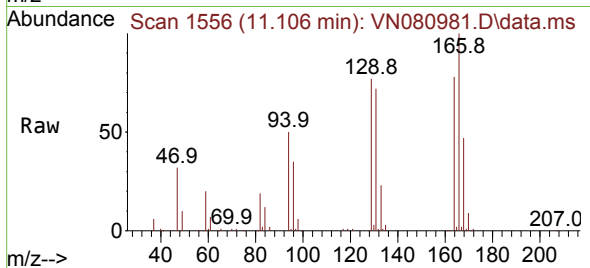
Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 110118

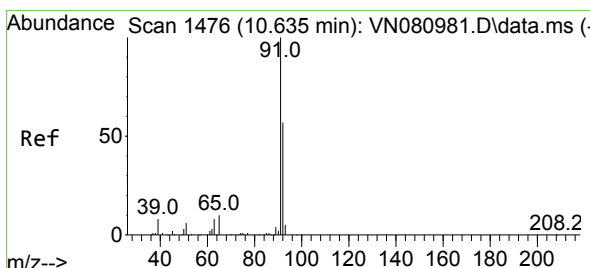
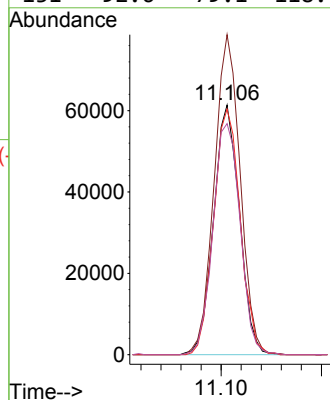
Ion Ratio Lower Upper

164 100

166 128.2 106.7 160.1

129 98.4 85.8 128.6

131 92.6 79.1 118.7



#62

Toluene

Concen: 19.874 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080981.D

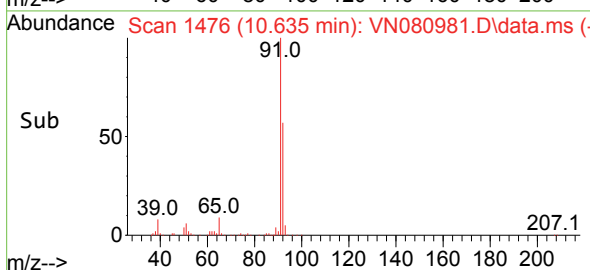
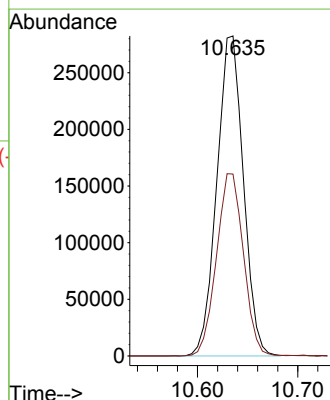
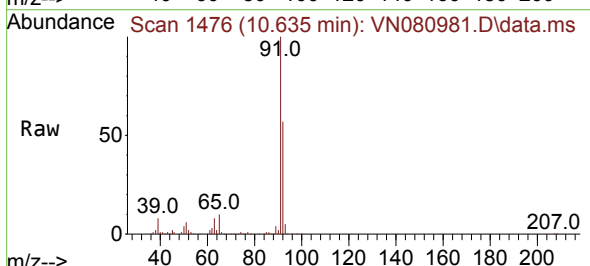
Acq: 09 Feb 2024 10:47

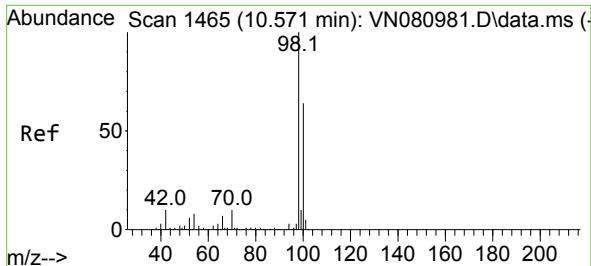
Tgt Ion: 91 Resp: 519698

Ion Ratio Lower Upper

91 100

92 57.8 46.5 69.7

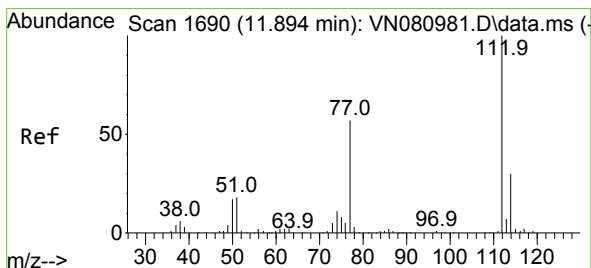
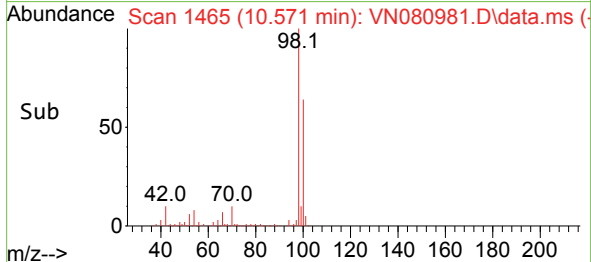
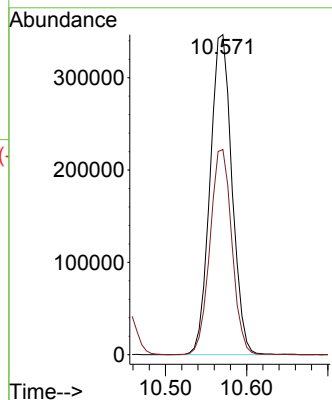
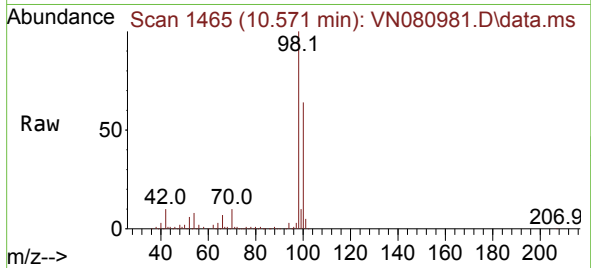




#63
Toluene-d8
Concen: 30.359 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

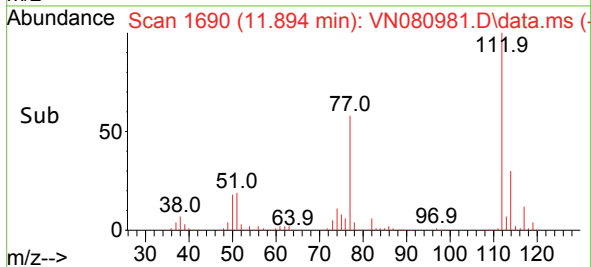
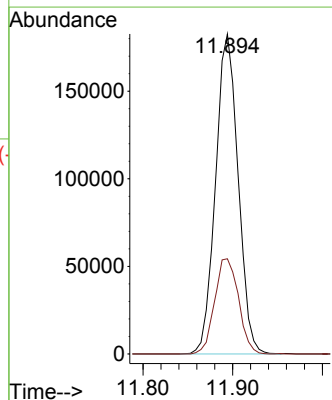
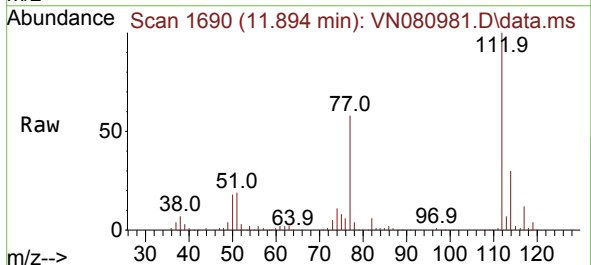
Instrument :
MSVOA_N
ClientSampleId :

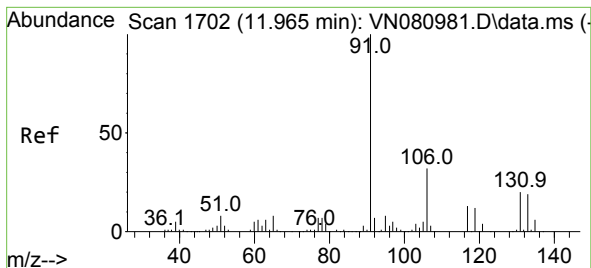
Tgt Ion: 98 Resp: 650390
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#64
Chlorobenzene
Concen: 19.880 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 112 Resp: 318400
Ion Ratio Lower Upper
112 100
114 29.8 26.6 39.8

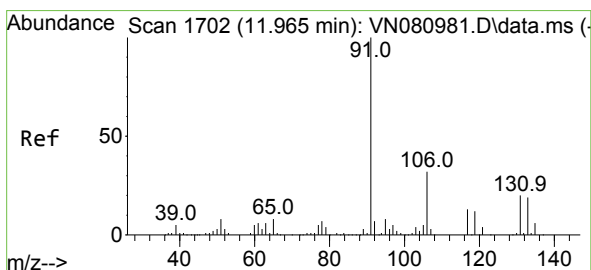
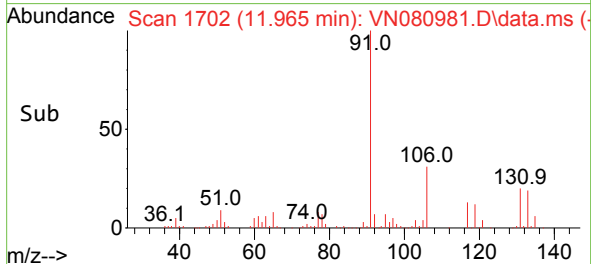
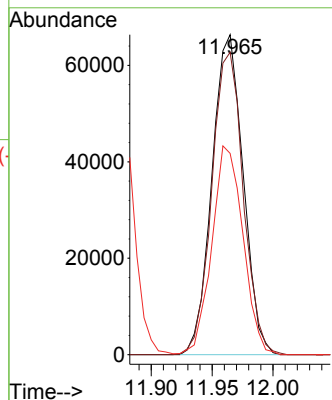
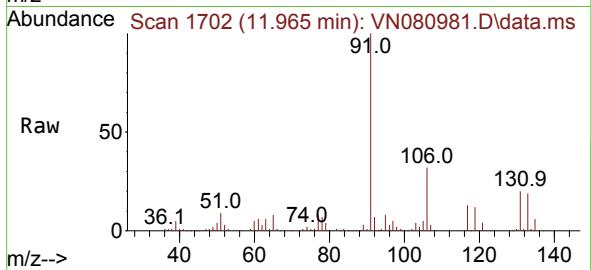




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.887 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

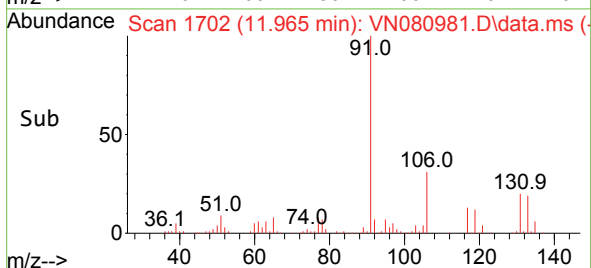
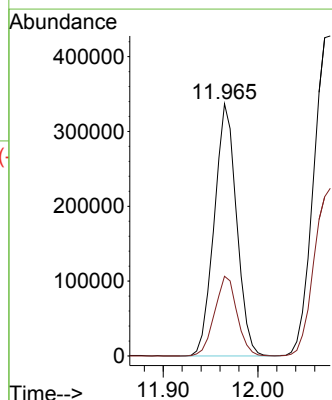
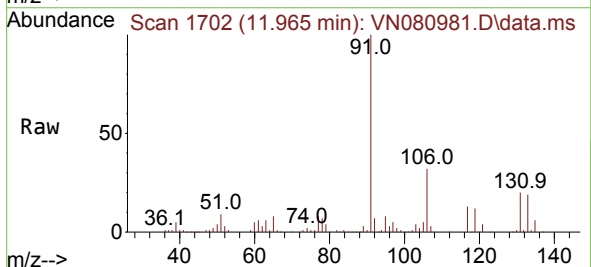
Instrument :
 MSVOA_N
 ClientSampleId :

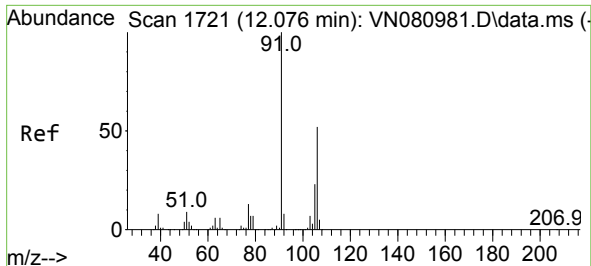
Tgt Ion:131 Resp: 118150
 Ion Ratio Lower Upper
 131 100
 133 95.4 0.0 188.0
 119 65.1 0.0 122.8



#66
 Ethyl Benzene
 Concen: 20.095 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion: 91 Resp: 552515
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.4 36.6

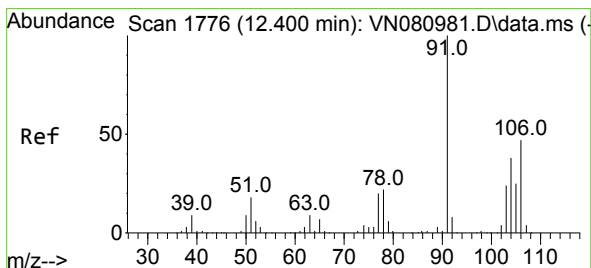
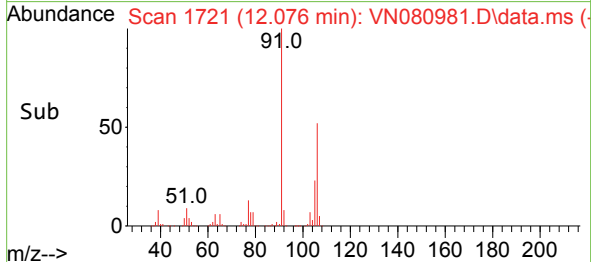
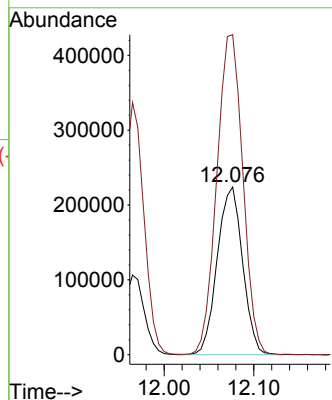
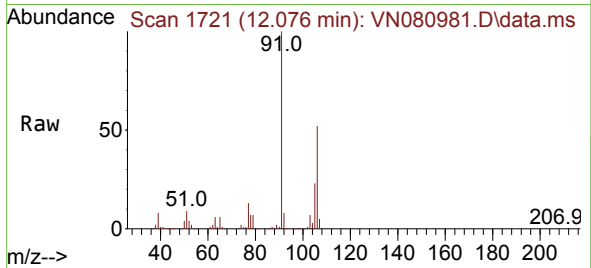




#67
m/p-Xylenes
Concen: 40.721 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

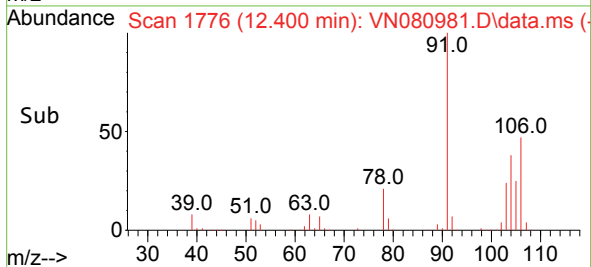
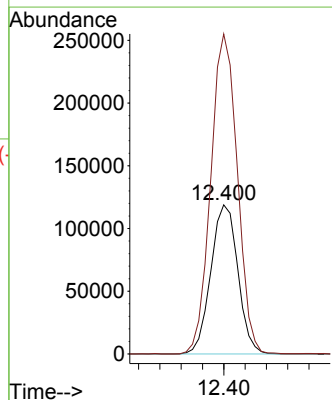
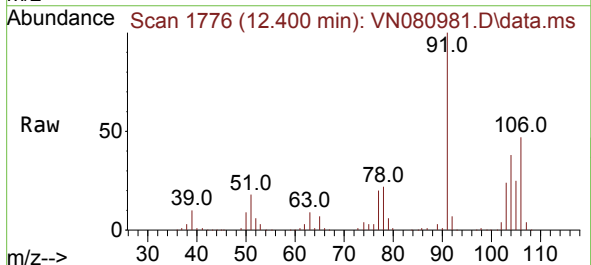
Instrument :
MSVOA_N
ClientSampleId :

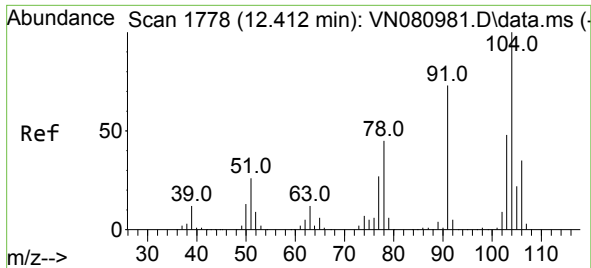
Tgt Ion:106 Resp: 439697
Ion Ratio Lower Upper
106 100
91 196.2 166.6 249.8



#68
o-Xylene
Concen: 19.764 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion:106 Resp: 209138
Ion Ratio Lower Upper
106 100
91 211.6 110.0 330.0

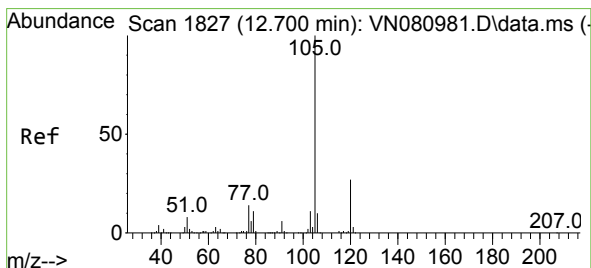
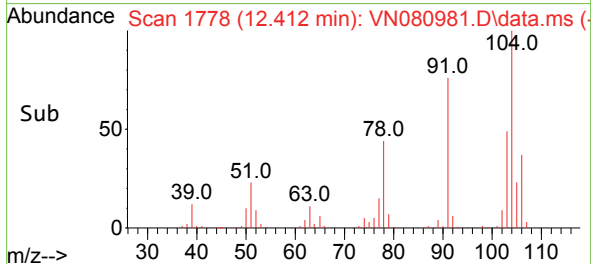
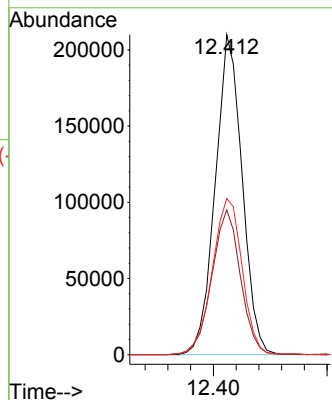
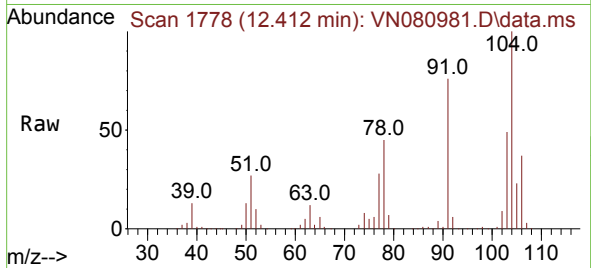




#69
Styrene
Concen: 19.808 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

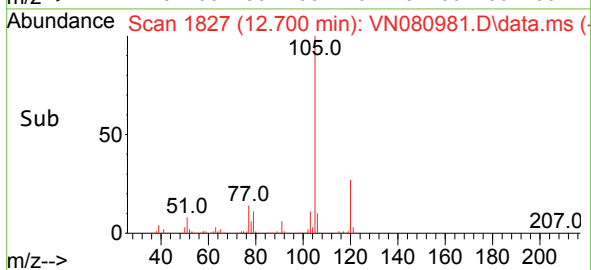
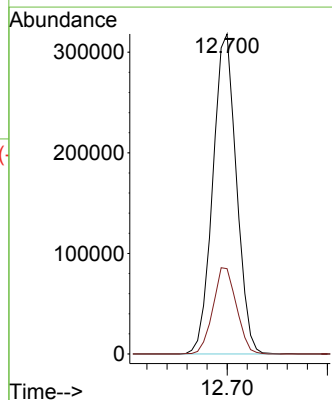
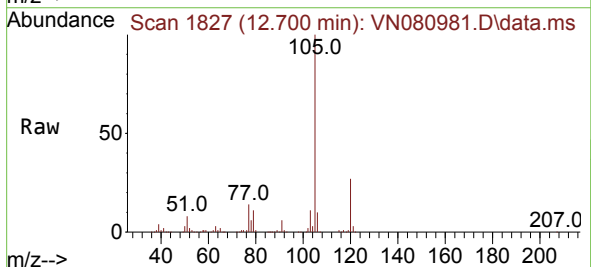
Instrument :
MSVOA_N
ClientSampleId :

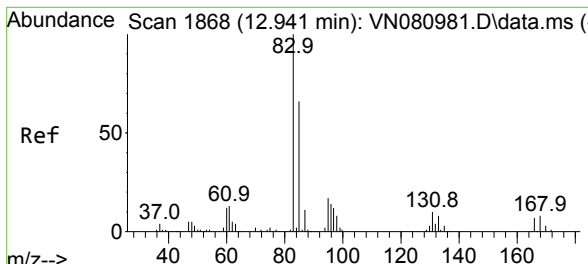
Tgt Ion:104 Resp: 345073
Ion Ratio Lower Upper
104 100
78 48.3 42.6 64.0
103 54.2 43.7 65.5



#70
Isopropylbenzene
Concen: 20.166 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion:105 Resp: 520047
Ion Ratio Lower Upper
105 100
120 26.9 17.8 33.1

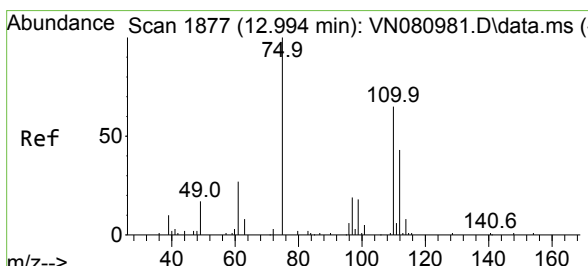
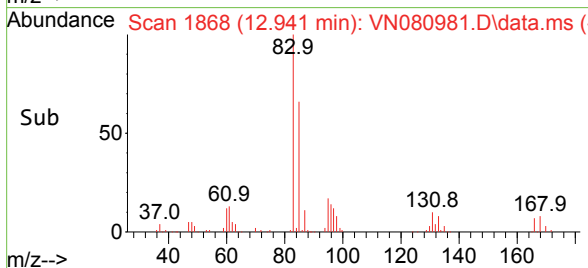
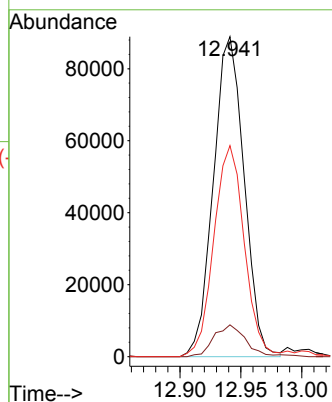
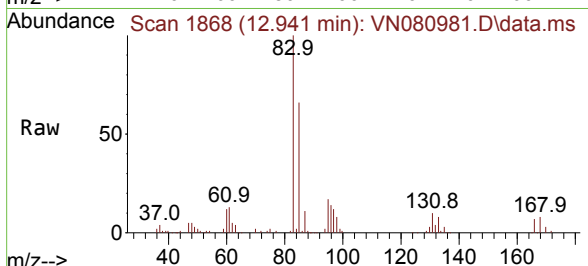




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.645 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

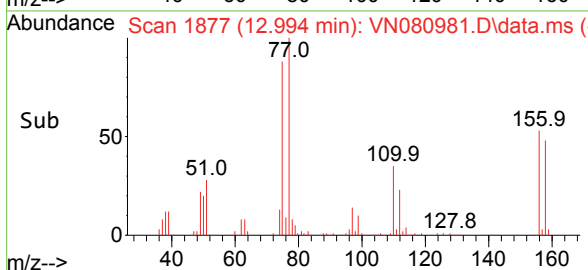
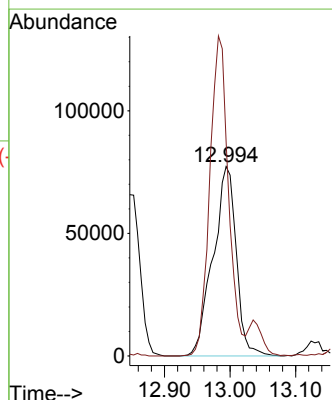
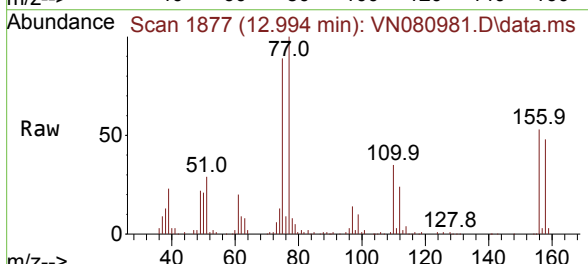
Instrument :
 MSVOA_N
 ClientSampleId :

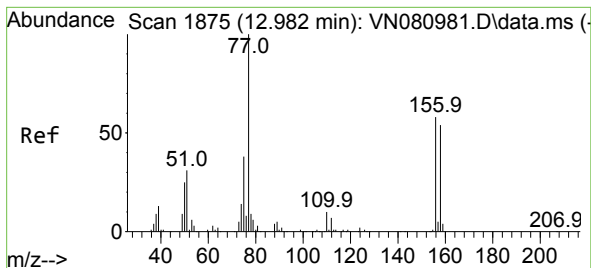
Tgt Ion: 83 Resp: 156219
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 65.3 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 31.273 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion: 75 Resp: 189996
 Ion Ratio Lower Upper
 75 100
 77 136.6 0.0 367.6





#73

Bromobenzene

Concen: 20.302 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

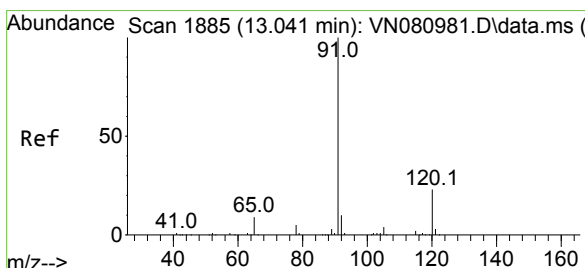
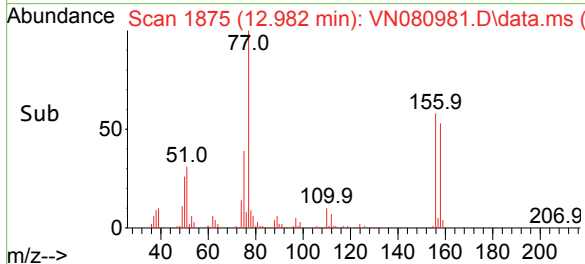
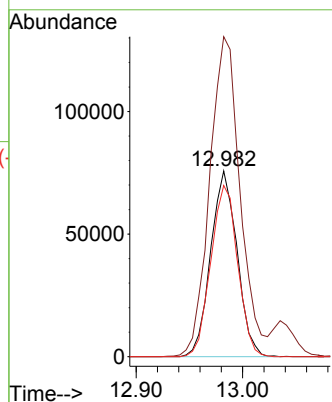
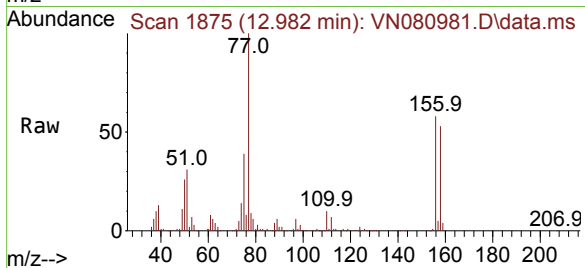
Tgt Ion:156 Resp: 130193

Ion Ratio Lower Upper

156 100

77 199.3 0.0 437.6

158 93.8 0.0 203.8



#74

n-propylbenzene

Concen: 20.048 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080981.D

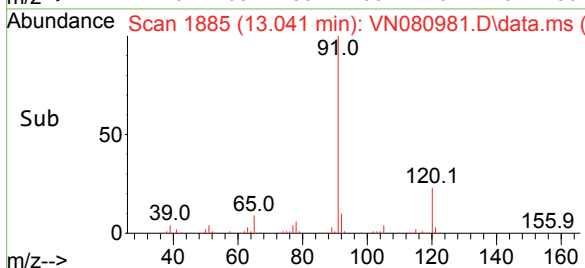
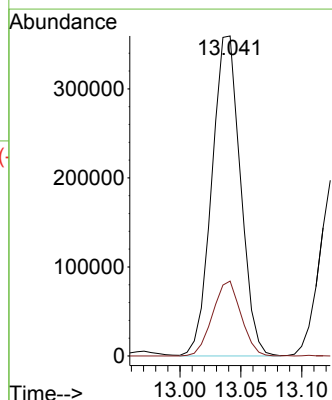
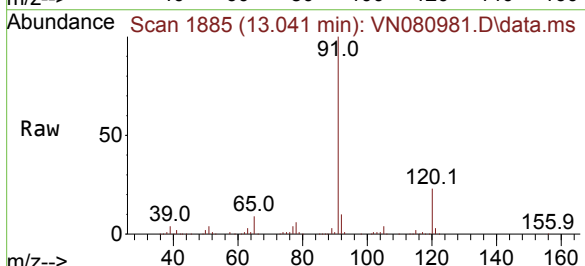
Acq: 09 Feb 2024 10:47

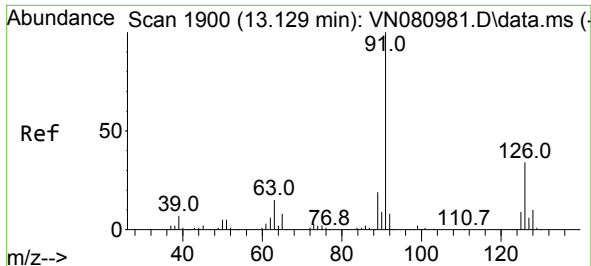
Tgt Ion: 91 Resp: 587573

Ion Ratio Lower Upper

91 100

120 23.2 0.0 43.8

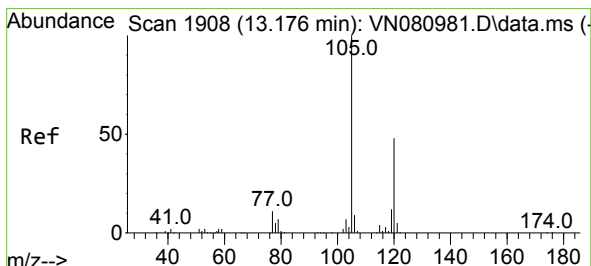
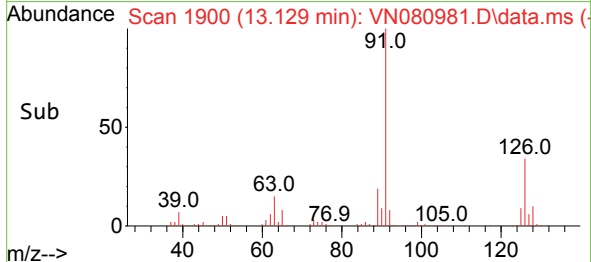
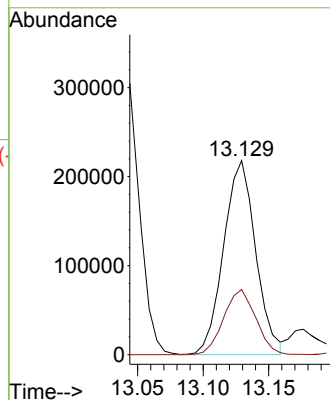
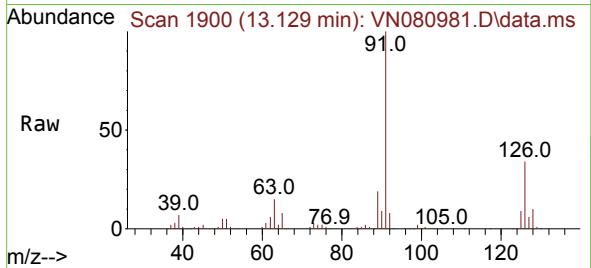




#75
2-Chlorotoluene
Concen: 20.384 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

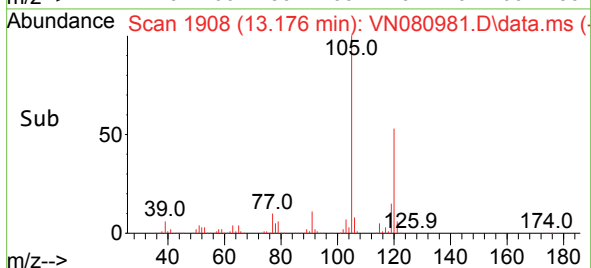
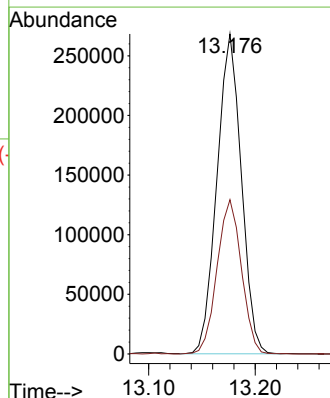
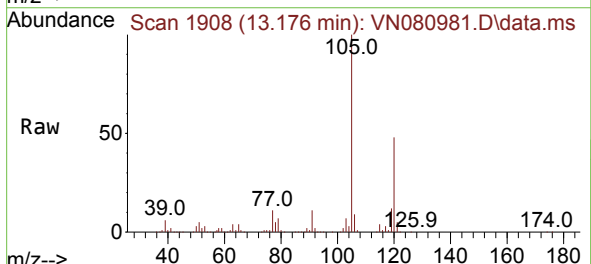
Instrument :
MSVOA_N
ClientSampleId :

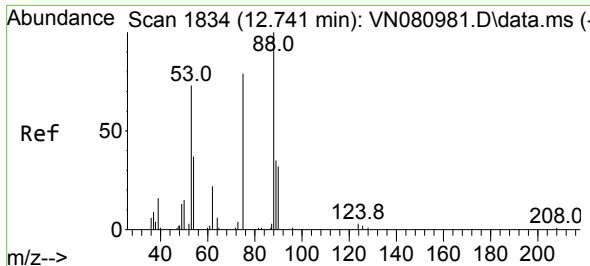
Tgt Ion: 91 Resp: 370863
Ion Ratio Lower Upper
91 100
126 33.6 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 20.163 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 105 Resp: 425439
Ion Ratio Lower Upper
105 100
120 48.3 0.0 95.8

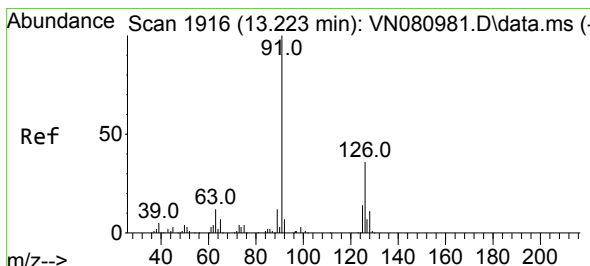
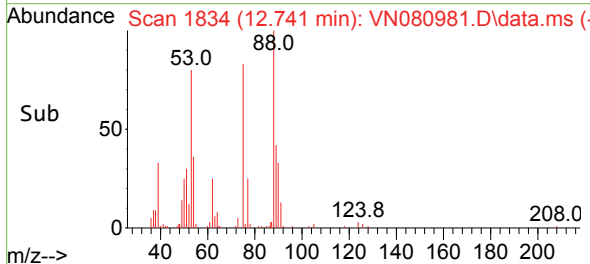
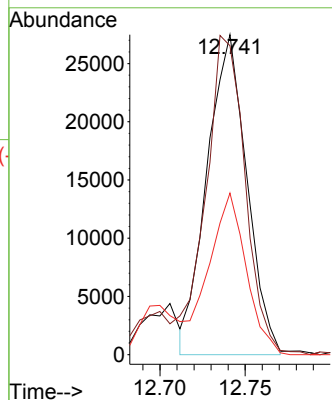
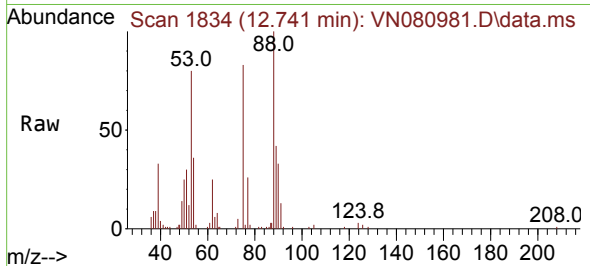




#77
t-1,4-Dichloro-2-butene
Concen: 19.074 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

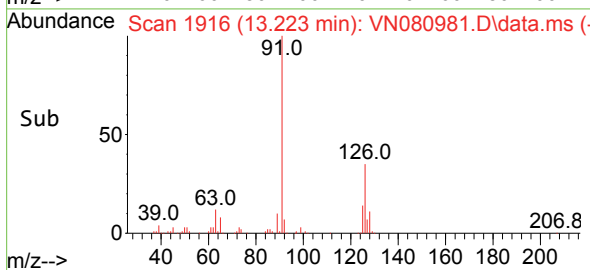
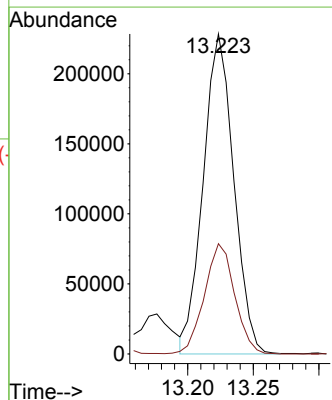
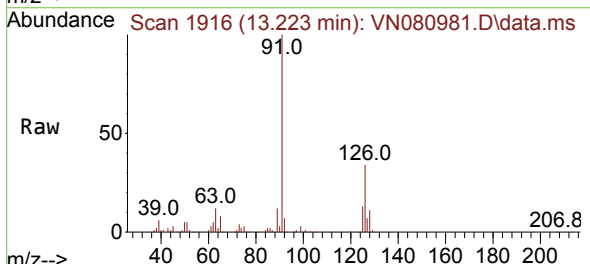
Instrument :
MSVOA_N
ClientSampleId :

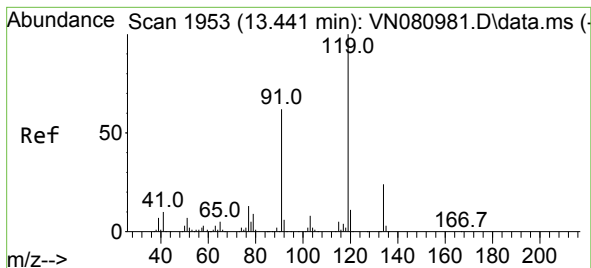
Tgt Ion: 75 Resp: 44539
Ion Ratio Lower Upper
75 100
53 96.2 45.9 137.7
89 49.7 25.9 77.7



#78
4-Chlorotoluene
Concen: 20.323 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 91 Resp: 370338
Ion Ratio Lower Upper
91 100
126 34.2 0.0 62.8





#79

tert-butylbenzene

Concen: 20.578 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

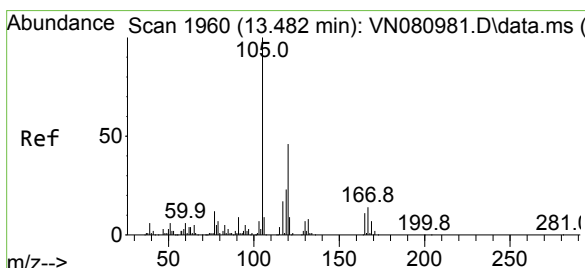
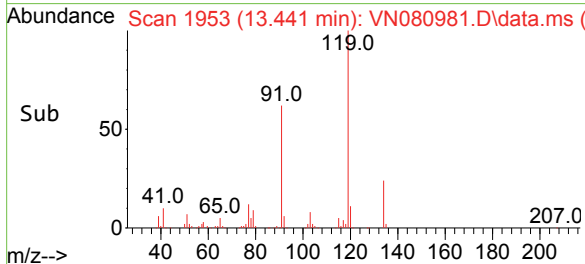
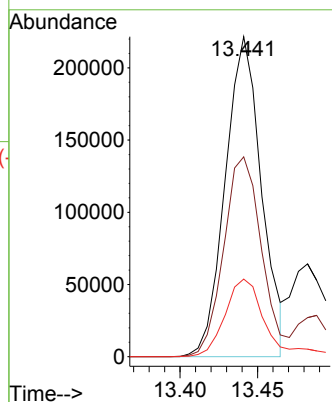
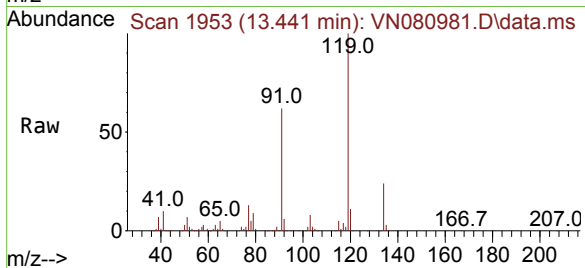
Tgt Ion:119 Resp: 360432

Ion Ratio Lower Upper

119 100

91 65.6 0.0 138.8

134 25.1 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 20.174 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080981.D

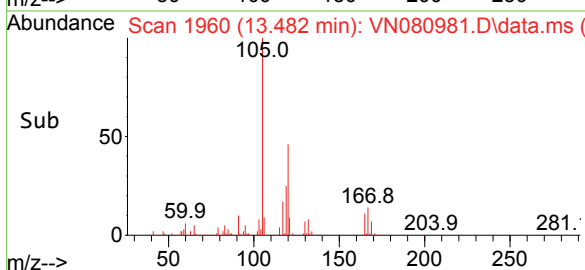
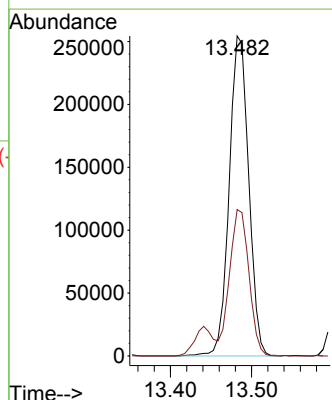
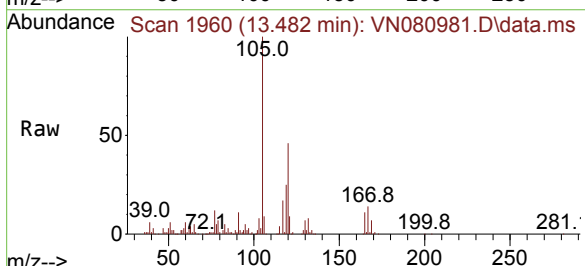
Acq: 09 Feb 2024 10:47

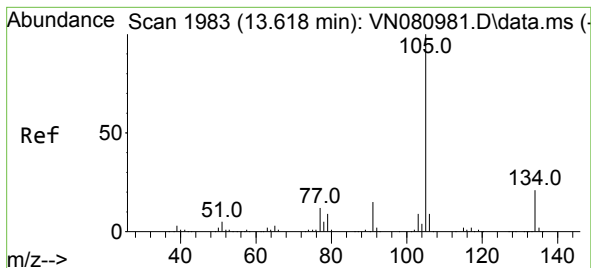
Tgt Ion:105 Resp: 424125

Ion Ratio Lower Upper

105 100

120 45.3 0.0 86.8





#81

sec-Butylbenzene

Concen: 20.304 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

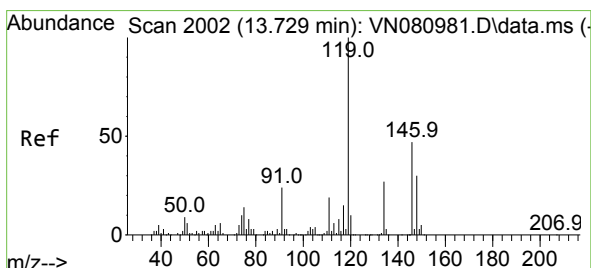
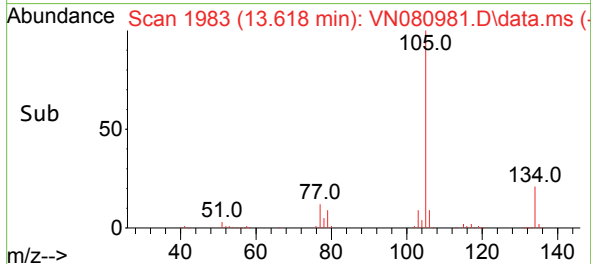
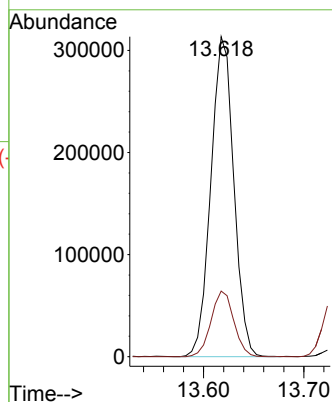
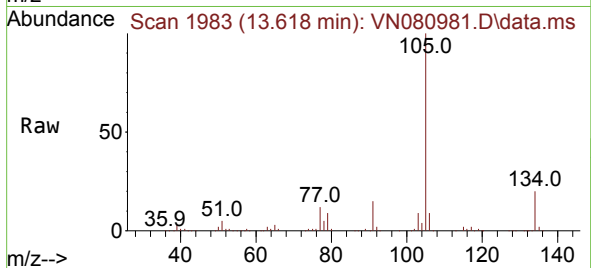
ClientSampleId :

Tgt Ion:105 Resp: 498017

Ion Ratio Lower Upper

105 100

134 20.3 0.0 39.0



#82

p-Isopropyltoluene

Concen: 19.858 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

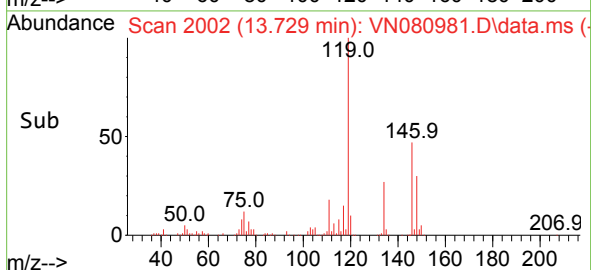
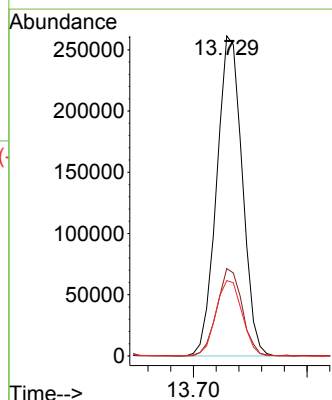
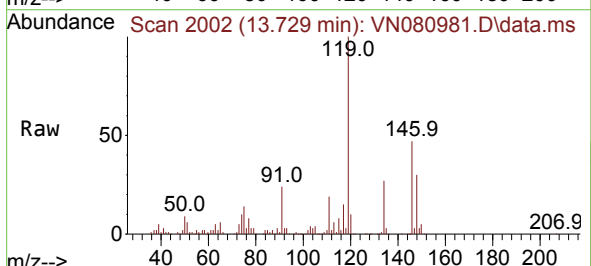
Tgt Ion:119 Resp: 408914

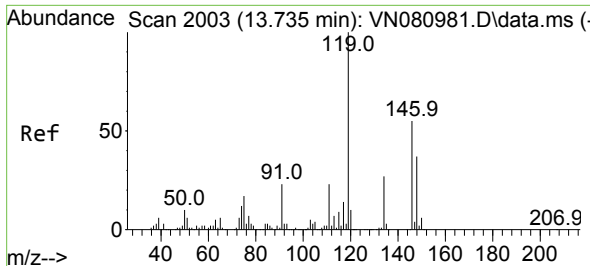
Ion Ratio Lower Upper

119 100

134 27.0 0.0 49.2

91 24.4 0.0 48.8

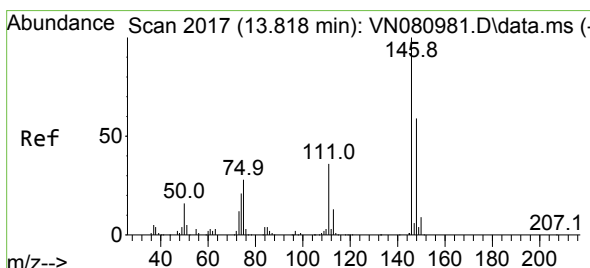
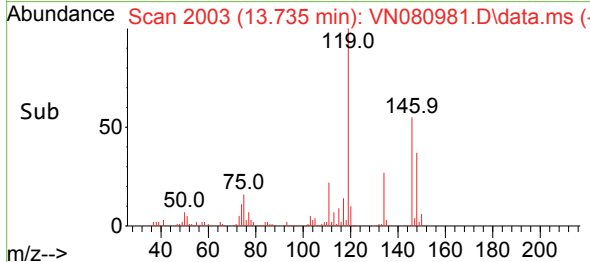
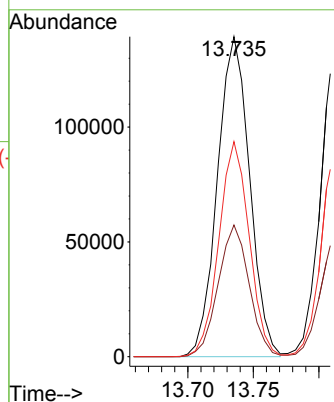
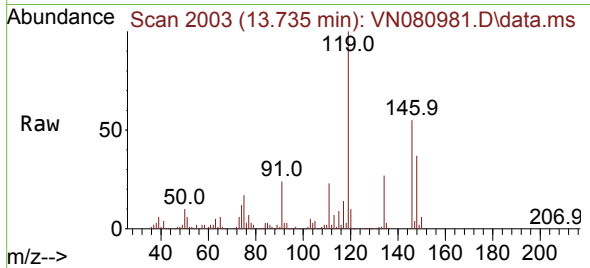




#83
 1,3-Dichlorobenzene
 Concen: 20.651 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

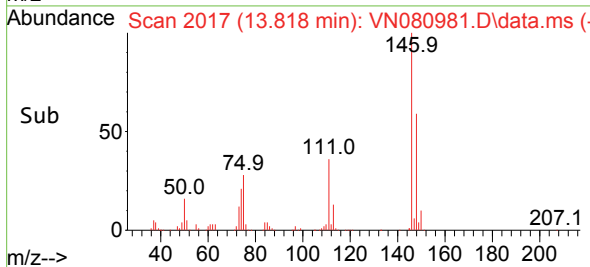
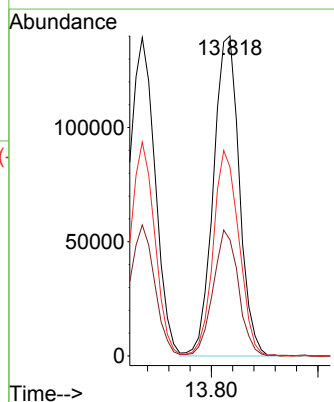
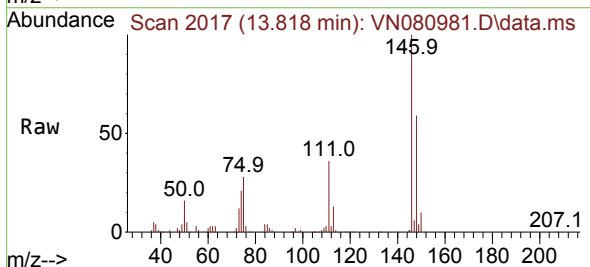
Instrument :
 MSVOA_N
 ClientSampleId :

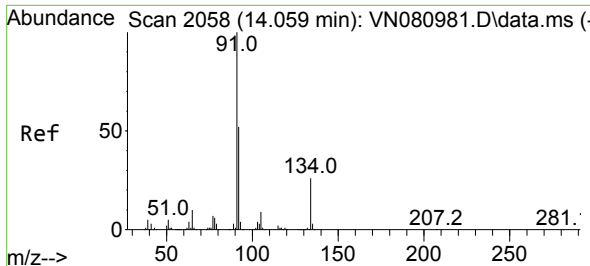
Tgt Ion:146 Resp: 238191
 Ion Ratio Lower Upper
 146 100
 111 39.7 22.4 67.0
 148 63.3 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 20.471 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN080981.D
 Acq: 09 Feb 2024 10:47

Tgt Ion:146 Resp: 237002
 Ion Ratio Lower Upper
 146 100
 111 38.4 21.3 63.9
 148 63.6 31.9 95.5

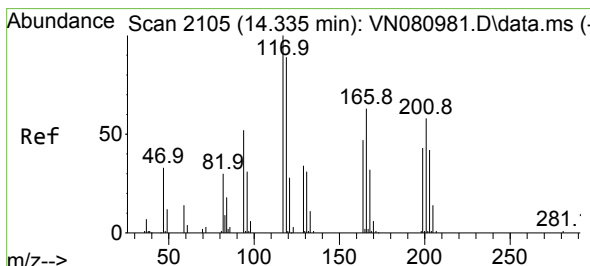
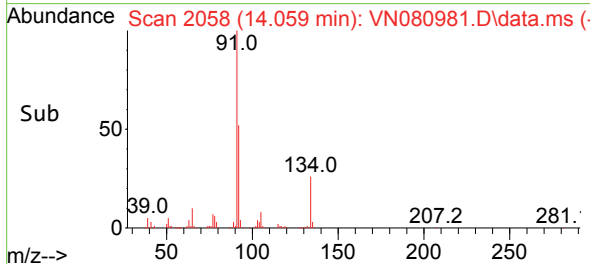
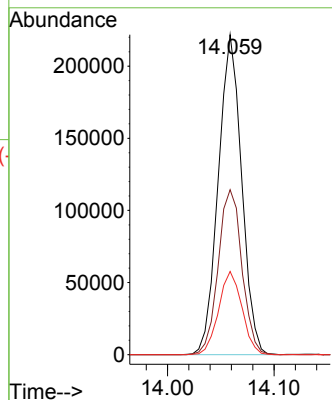
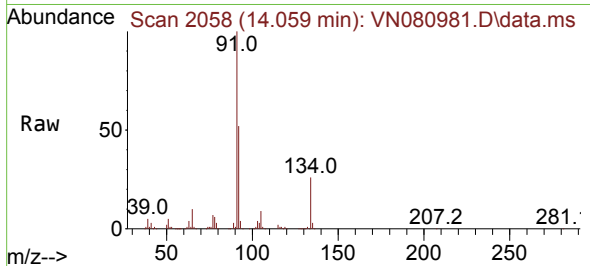




#85
n-Butylbenzene
Concen: 19.849 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

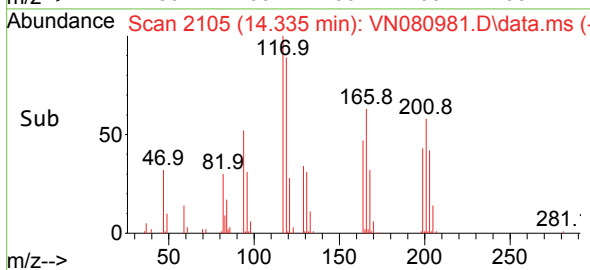
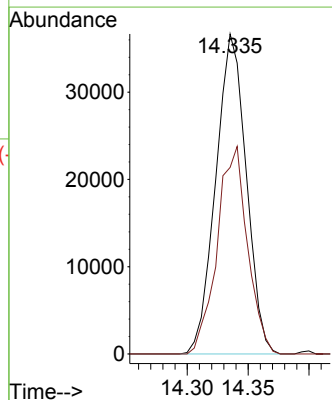
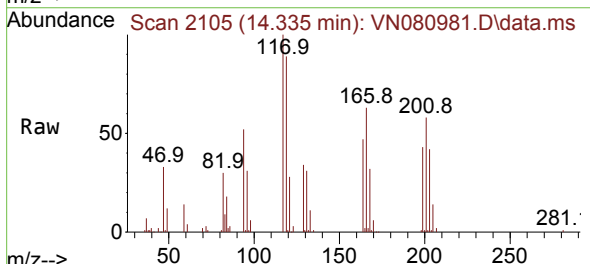
Instrument :
MSVOA_N
ClientSampleId :

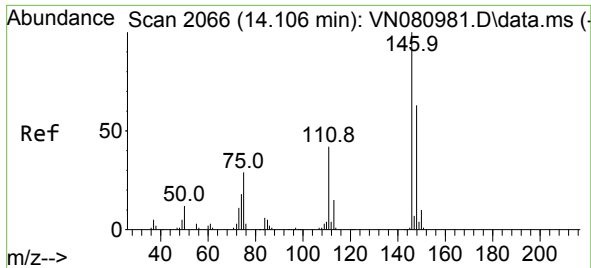
Tgt Ion: 91 Resp: 337251
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 26.1 0.0 51.8



#86
Hexachloroethane
Concen: 19.653 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 117 Resp: 63833
Ion Ratio Lower Upper
117 100
201 64.4 38.0 114.0

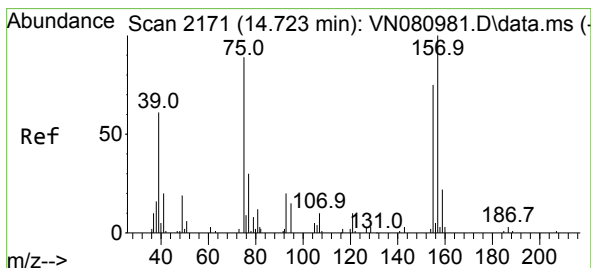
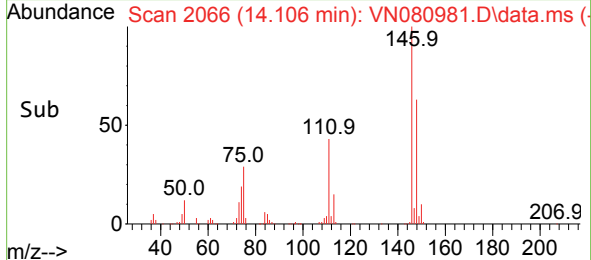
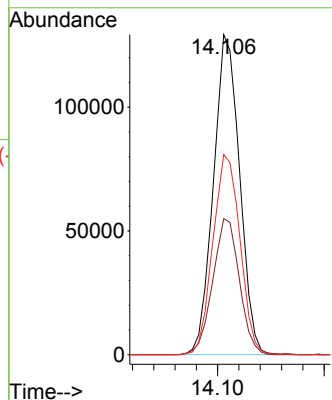
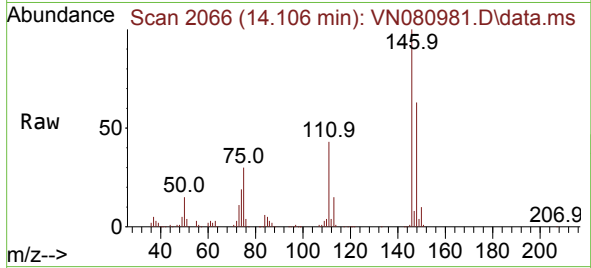




#87
1,2-Dichlorobenzene
Concen: 19.672 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

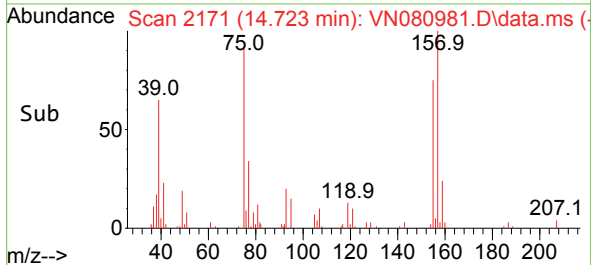
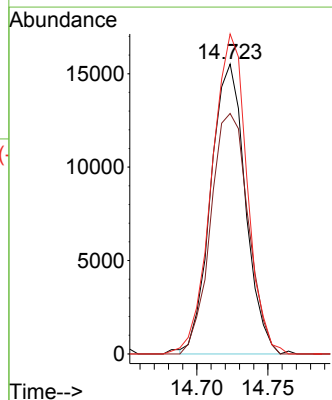
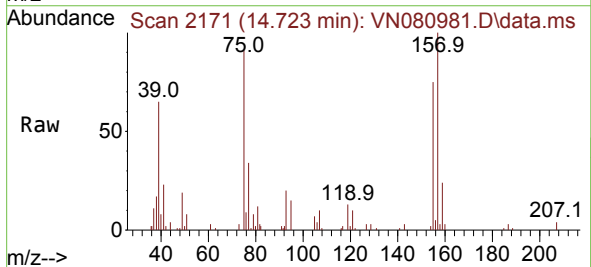
Instrument :
MSVOA_N
ClientSampleId :

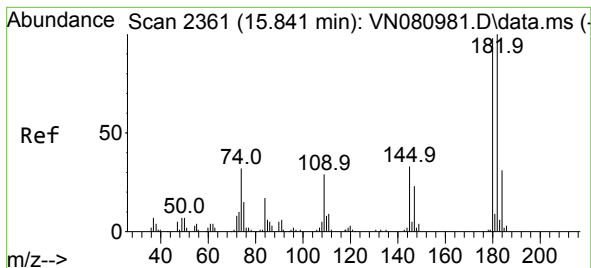
Tgt Ion:146 Resp: 220904
Ion Ratio Lower Upper
146 100
111 43.3 22.6 67.8
148 64.8 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.262 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion: 75 Resp: 26211
Ion Ratio Lower Upper
75 100
155 90.1 61.7 92.5
157 113.1 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 20.310 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

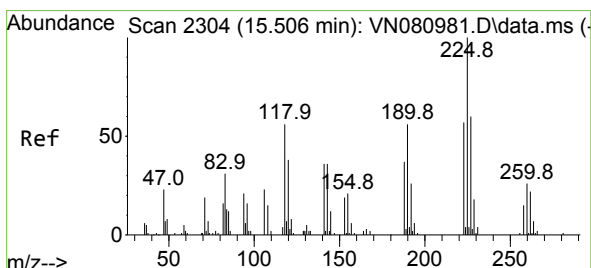
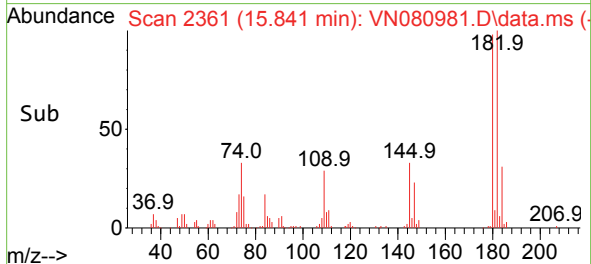
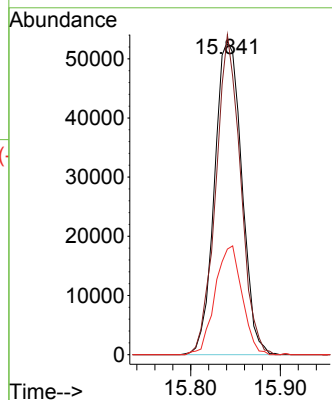
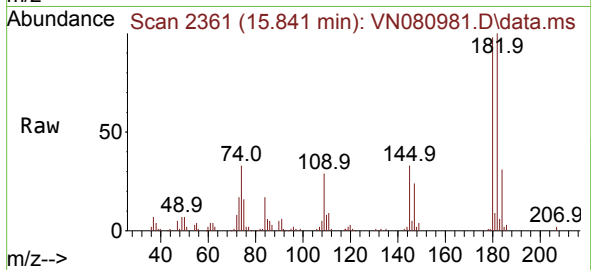
Tgt Ion:180 Resp: 111578

Ion Ratio Lower Upper

180 100

182 92.9 76.4 114.6

145 34.1 28.4 42.6



#90

Hexachlorobutadiene

Concen: 19.965 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080981.D

Acq: 09 Feb 2024 10:47

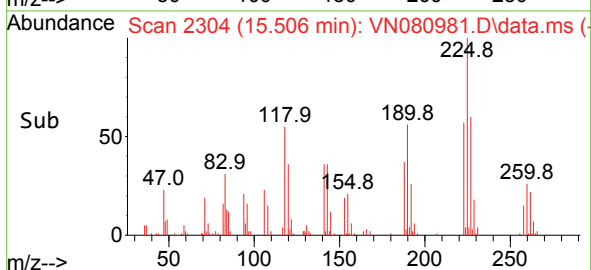
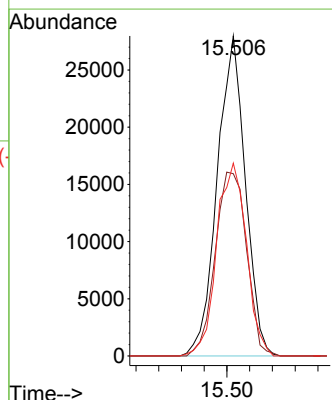
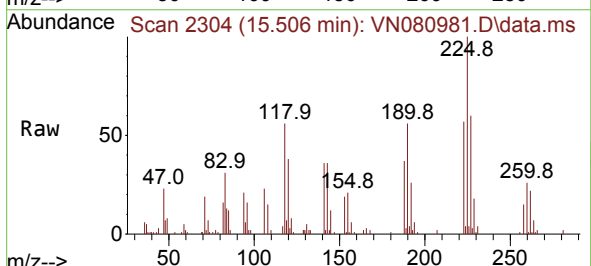
Tgt Ion:225 Resp: 48120

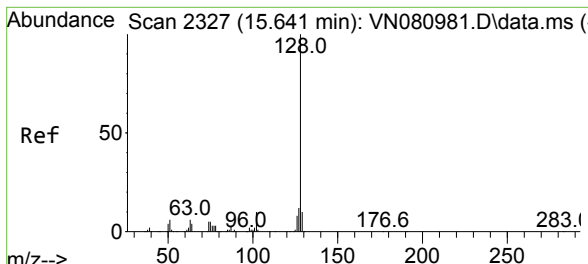
Ion Ratio Lower Upper

225 100

223 64.2 0.0 126.6

227 63.5 0.0 126.6

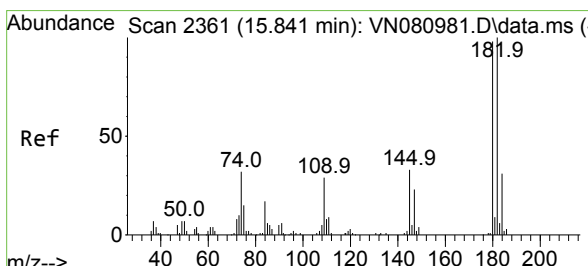
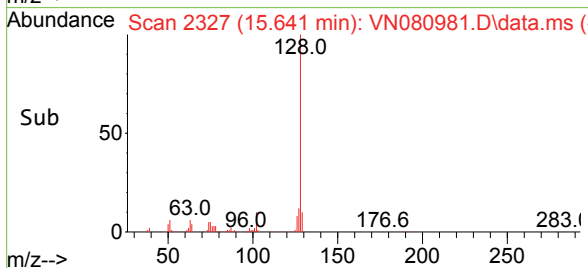
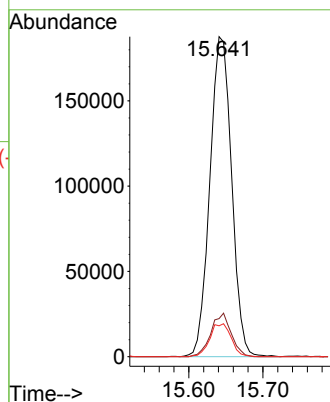
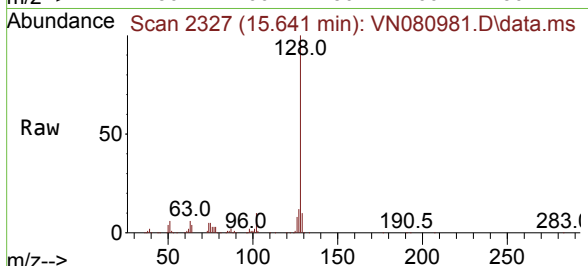




#91
Naphthalene
Concen: 19.619 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	382690
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.2	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 20.310 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080981.D
Acq: 09 Feb 2024 10:47

Tgt Ion:	180	Resp:	111578
Ion Ratio	Lower	Upper	
180	100		
182	92.9	0.0	191.0
145	34.1	0.0	71.0

