

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080673.D
 Acq On : 11 Jan 2024 13:31
 Operator : JC\MD
 Sample : VN0111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 05:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	16169	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	134463	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146816	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72494	27.764	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.533%
60) 4-Bromofluorobenzene	12.847	95	95781	29.491	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.300%
63) Toluene-d8	10.565	98	197261	30.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54207	19.725	ug/l	94
3) Chloromethane	2.360	50	73195	19.553	ug/l	95
4) Vinyl Chloride	2.518	62	57130	20.062	ug/l	93
5) Bromomethane	2.965	94	20652	19.752	ug/l	89
6) Chloroethane	3.124	64	30356	19.718	ug/l	99
7) Trichlorofluoromethane	3.501	101	80433	18.907	ug/l	98
8) Diethyl Ether	3.959	74	36797	18.587	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.383	101	50064	20.422	ug/l	86
10) 1,1-Dichloroethene	4.336	96	53907	20.471	ug/l	94
11) Methyl Iodide	4.589	142	42831	19.070	ug/l	88
12) Methyl Acetate	5.012	43	59576	19.123	ug/l #	77
13) Acrolein	4.177	56	35872	86.621	ug/l	97
14) Acrylonitrile	5.712	53	136691	97.366	ug/l	98
15) Acetone	4.418	58	31348	98.435	ug/l	85
16) Carbon Disulfide	4.712	76	158005	19.369	ug/l #	95
17) Allyl chloride	5.018	41	99575	18.680	ug/l	81
18) Methylene Chloride	5.271	84	60980	19.928	ug/l #	84
19) trans-1,2-Dichloroethene	5.783	96	55266	19.962	ug/l	91
20) Diisopropyl ether	6.665	45	218697	20.217	ug/l	91
21) 1,1-Dichloroethane	6.565	63	117630	20.024	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	64270	19.843	ug/l	89
23) tert-Butyl Alcohol	5.518	59	22204	45.859	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	189074	19.858	ug/l #	92
25) Chloroform	7.965	83	108755	19.885	ug/l	99
26) Cyclohexane	8.259	56	92598	20.045	ug/l #	90
29) 1,1-Dichloropropene	8.377	75	84736	20.731	ug/l	95
30) 2-Butanone	7.477	43	188020	103.954	ug/l	91
31) 2,2-Dichloropropane	7.483	77	101718	20.715	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	90423	20.105	ug/l	95
33) Carbon Tetrachloride	8.165	117	10632	2.993	ug/l	88
34) Benzene	8.606	78	248017	20.457	ug/l	96
35) Methacrylonitrile	7.777	41	44470	19.594	ug/l	92
36) 1,2-Dichloroethane	8.671	62	86595	19.425	ug/l	95
37) Trichloroethene	9.353	130	54049	20.442	ug/l	93
38) Methylcyclohexane	9.600	83	82189	20.640	ug/l	91
39) 1,2-Dichloropropane	9.624	63	68757	21.041	ug/l	94
40) Dibromomethane	9.706	93	40438	20.798	ug/l	87
41) Bromodichloromethane	9.888	83	84742	19.917	ug/l #	99
42) Vinyl Acetate	6.600	43	851531	101.295	ug/l	94

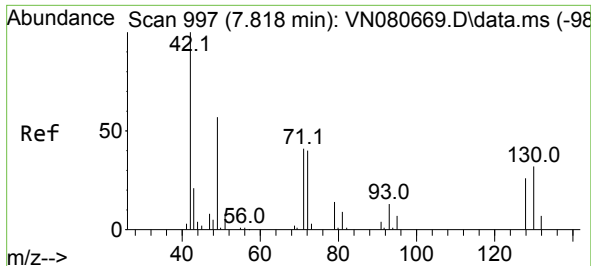
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

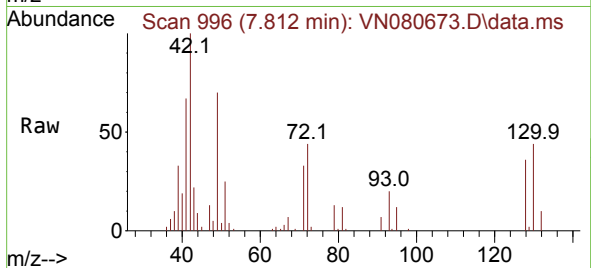
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	78759	20.737	ug/l #	88
44) Isopropyl Acetate	8.683	43	146252	20.173	ug/l	92
45) 1,4-Dioxane	9.694	88	14629	354.786	ug/l #	84
46) Methyl methacrylate	9.683	41	67561	19.790	ug/l	76
47) n-amyl Acetate	12.700	43	3824	0.588	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	102026	20.351	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	107843	20.267	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	55447	20.765	ug/l	96
51) Ethyl methacrylate	10.871	69	94655	20.507	ug/l	78
52) 1,3-Dichloropropane	11.165	76	99877	19.869	ug/l	100
53) Dibromochloromethane	11.359	129	53771	20.124	ug/l	97
54) 1,2-Dibromoethane	11.471	107	53655	20.442	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	206317	86.962	ug/l	95
56) Bromoform	12.576	173	30531	19.343	ug/l	95
58) 4-Methyl-2-Pentanone	10.441	43	404242	104.668	ug/l #	85
59) 2-Hexanone	11.194	43	299524	103.872	ug/l #	87
61) Tetrachloroethene	11.100	164	41405	21.186	ug/l	95
62) Toluene	10.630	91	247663	20.973	ug/l	100
64) Chlorobenzene	11.894	112	141205	21.469	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	47658	20.167	ug/l	93
66) Ethyl Benzene	11.965	91	264699	21.313	ug/l	94
67) m/p-Xylenes	12.071	106	192768	43.183	ug/l	95
68) o-Xylene	12.400	106	94392	21.202	ug/l	95
69) Styrene	12.412	104	158167	21.147	ug/l	98
70) Isopropylbenzene	12.694	105	233819	21.490	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	70958	19.980	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	102548	30.466	ug/l	62
73) Bromobenzene	12.982	156	47181	20.343	ug/l	72
74) n-propylbenzene	13.035	91	283898	21.635	ug/l	96
75) 2-Chlorotoluene	13.129	91	168683	20.441	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	187829	20.741	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	30428	22.051	ug/l	95
78) 4-Chlorotoluene	13.224	91	170503	20.670	ug/l	96
79) tert-butylbenzene	13.435	119	153350	21.694	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	190478	21.499	ug/l	98
81) sec-Butylbenzene	13.618	105	225642	21.684	ug/l	95
82) p-Isopropyltoluene	13.729	119	177222	22.332	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	84546	21.013	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	85357	21.069	ug/l	96
85) n-Butylbenzene	14.059	91	168801	21.529	ug/l	94
86) Hexachloroethane	14.335	117	29081	19.488	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	82063	20.792	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13849	18.729	ug/l	88
89) 1,2,4-Trichlorobenzene	15.841	180	39424	19.915	ug/l	98
90) Hexachlorobutadiene	15.506	225	18877	20.812	ug/l	79
91) Naphthalene	15.641	128	150932	19.557	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	39424	19.915	ug/l	98

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

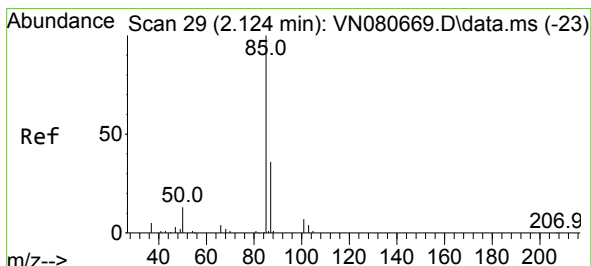
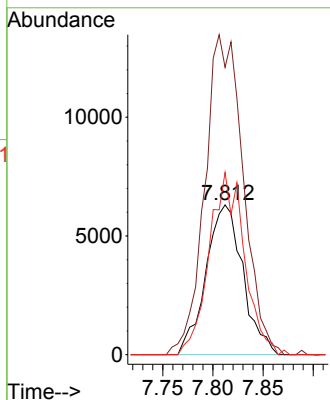
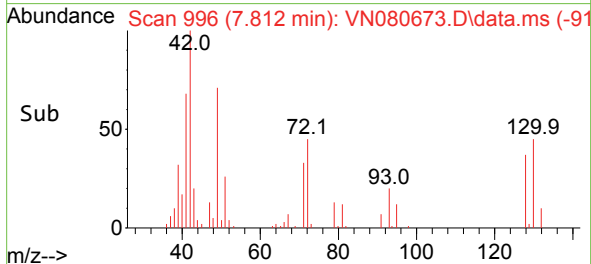


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

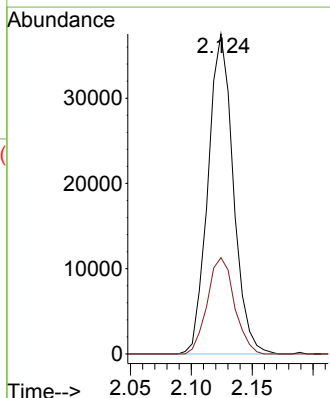
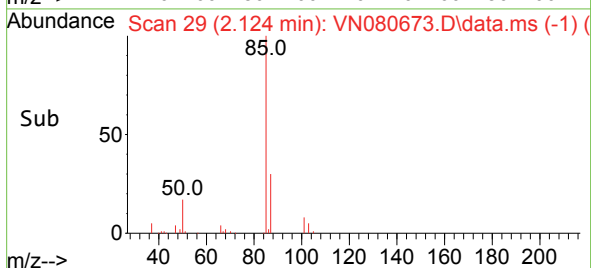
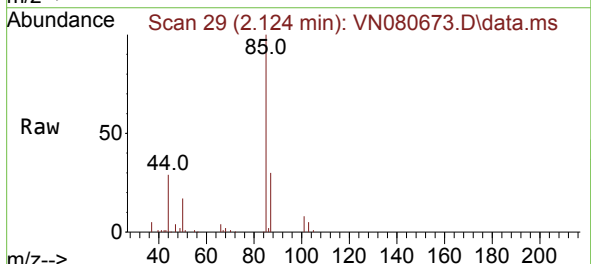


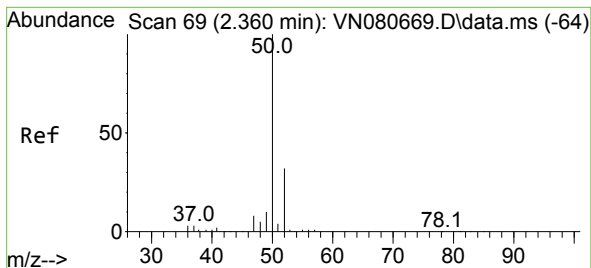
Tgt Ion:128 Resp: 16169
Ion Ratio Lower Upper
128 100
49 221.7 0.0 403.7
130 115.1 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 85 Resp: 54207
Ion Ratio Lower Upper
85 100
87 30.1 16.8 50.3





#3

Chloromethane

Concen: 19.553 ug/l

RT: 2.360 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

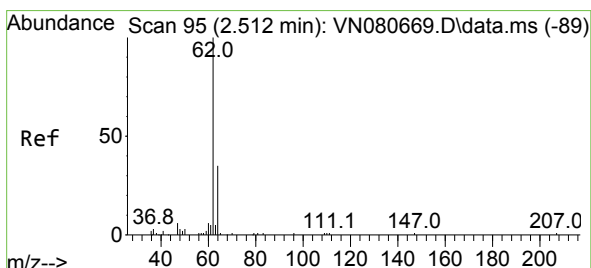
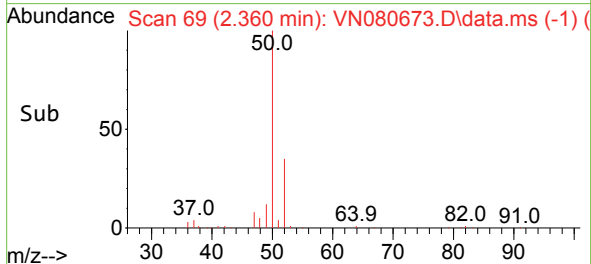
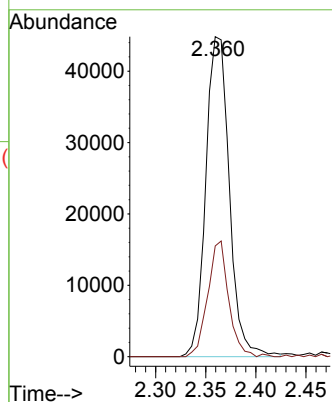
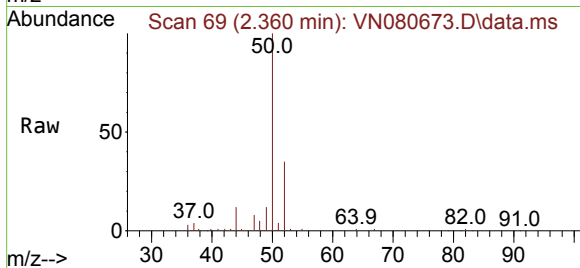
ClientSampleId :

Tgt Ion: 50 Resp: 73195

Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.0



#4

Vinyl Chloride

Concen: 20.062 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN080673.D

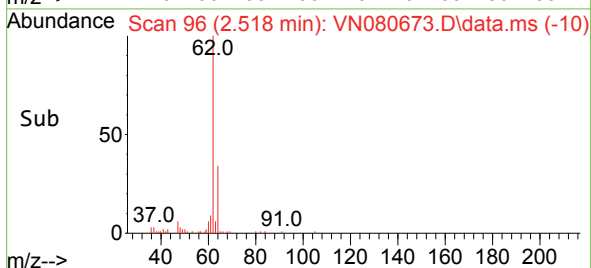
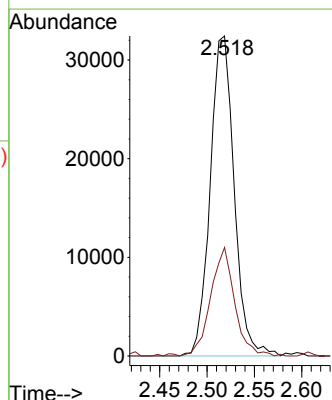
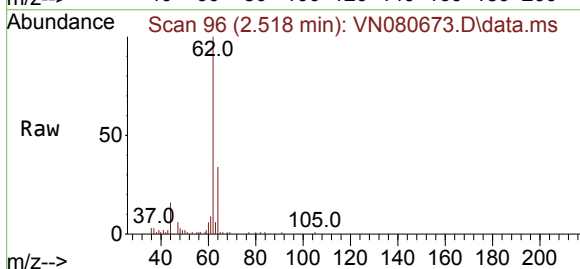
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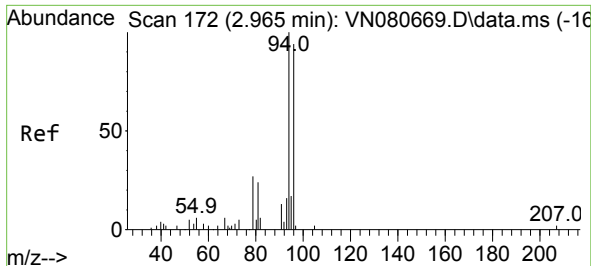
Tgt Ion: 62 Resp: 57130

Ion Ratio Lower Upper

62 100

64 33.9 24.1 36.1

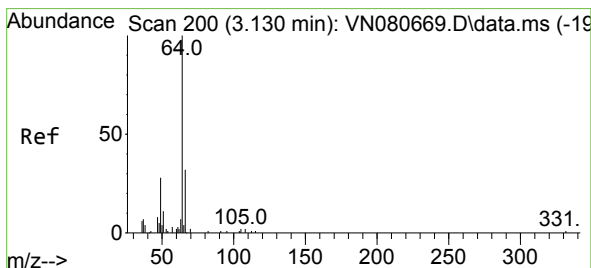
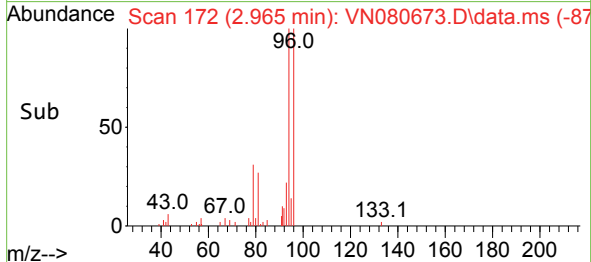
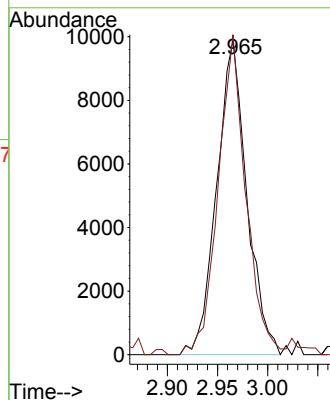
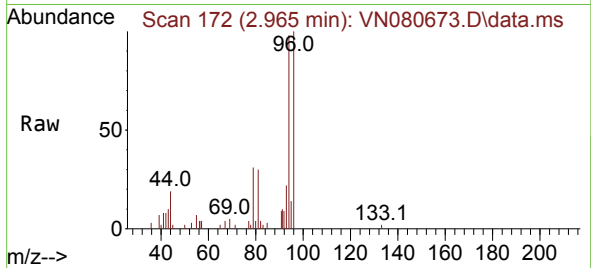




#5
Bromomethane
Concen: 19.752 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

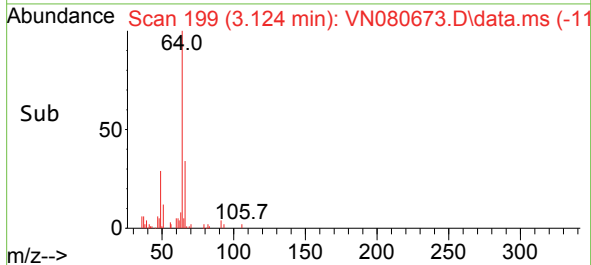
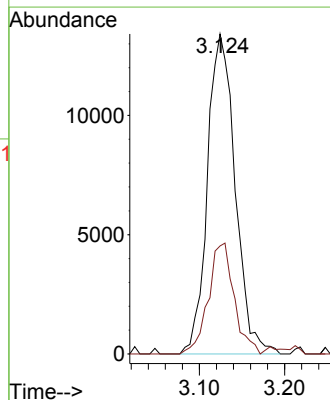
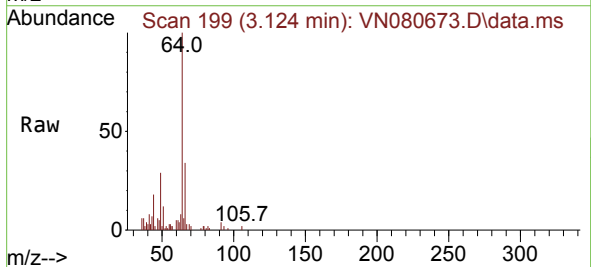
Instrument :
MSVOA_N
ClientSampleId :

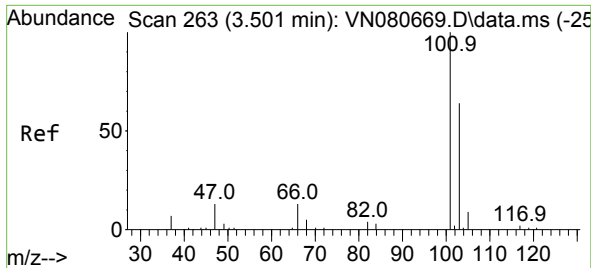
Tgt Ion: 94 Resp: 20652
Ion Ratio Lower Upper
94 100
96 101.8 72.8 109.2



#6
Chloroethane
Concen: 19.718 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 64 Resp: 30356
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1

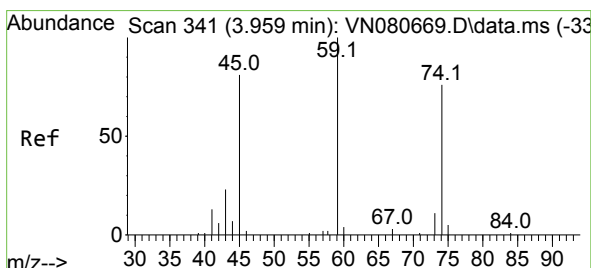
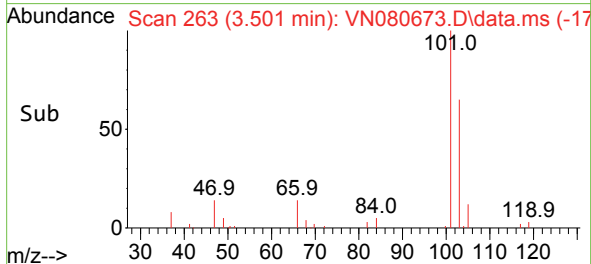
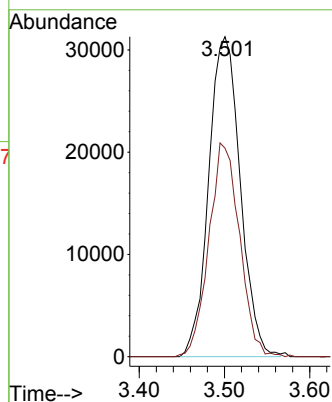
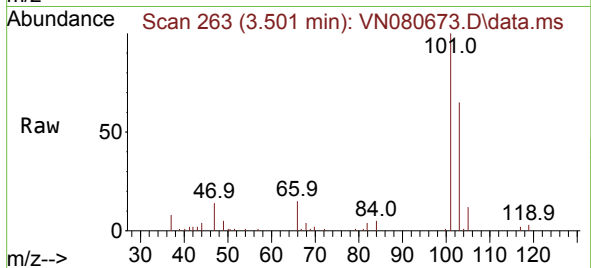




#7
 Trichlorofluoromethane
 Concen: 18.907 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

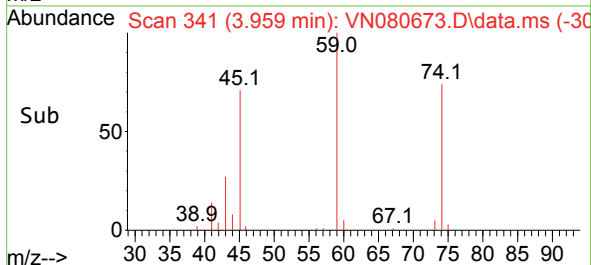
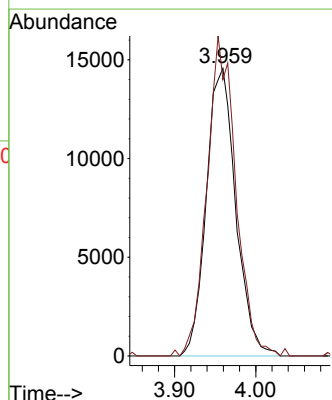
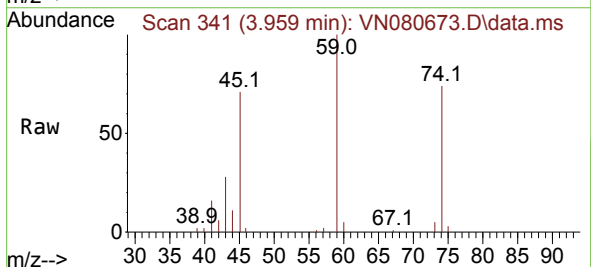
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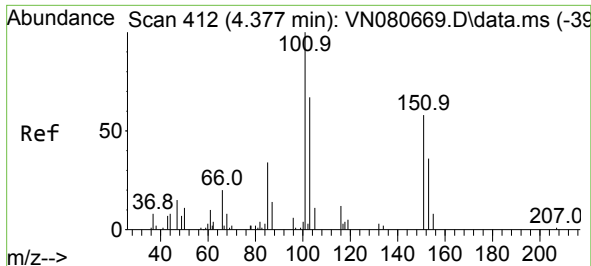
Tgt Ion:101 Resp: 80433
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.587 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

Tgt Ion: 74 Resp: 36797
 Ion Ratio Lower Upper
 74 100
 45 108.5 16.4 147.4

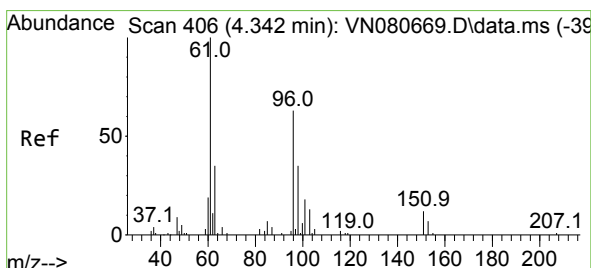
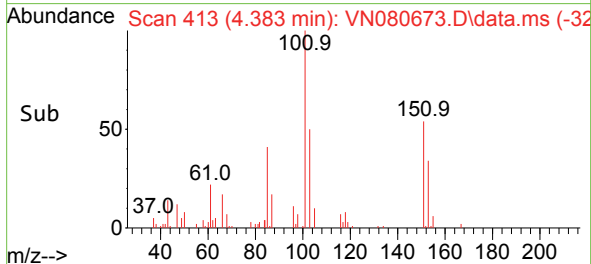
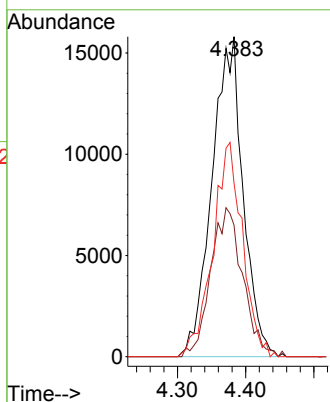
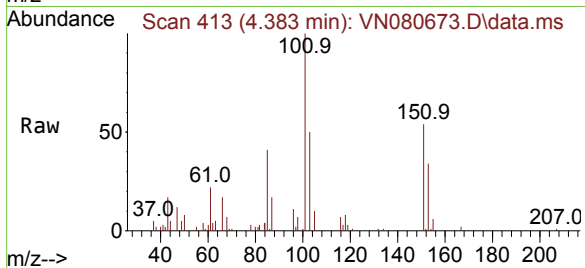




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.422 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

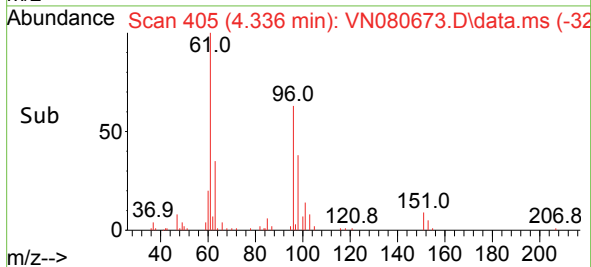
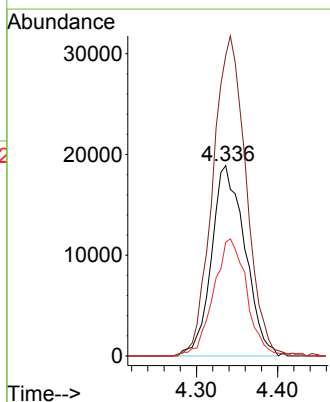
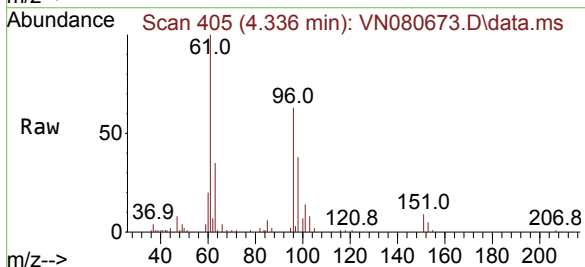
Instrument :
MSVOA_N
ClientSampleId :

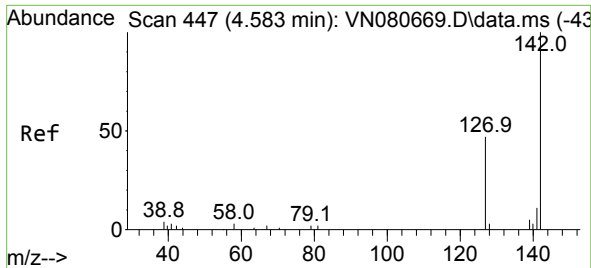
Tgt Ion:101 Resp: 50064
Ion Ratio Lower Upper
101 100
85 48.1 0.0 90.6
151 61.1 0.0 157.6



#10
1,1-Dichloroethene
Concen: 20.471 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

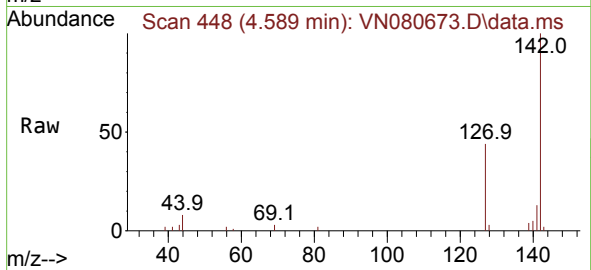
Tgt Ion: 96 Resp: 53907
Ion Ratio Lower Upper
96 100
61 156.9 117.6 176.4
98 58.8 48.4 72.6



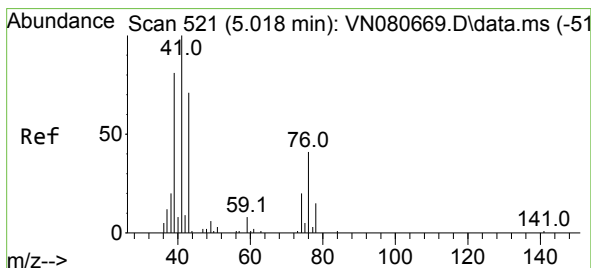
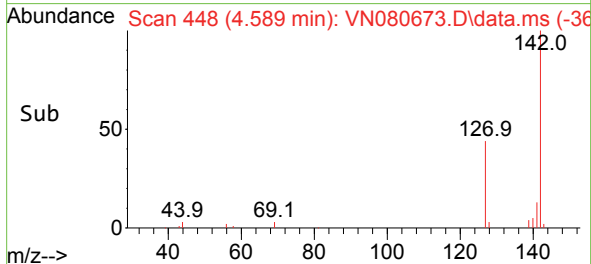
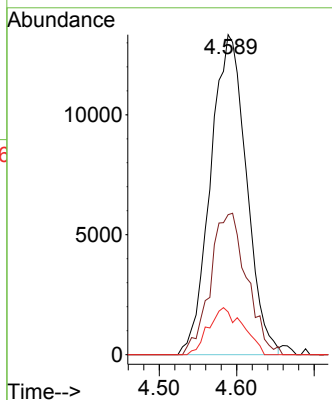


#11
Methyl Iodide
Concen: 19.070 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

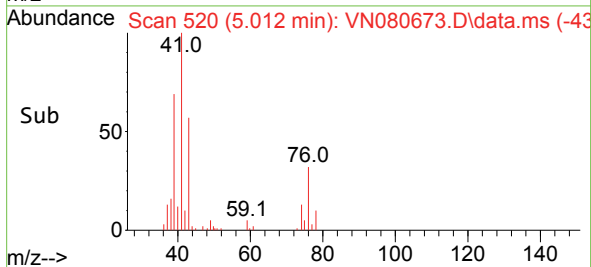
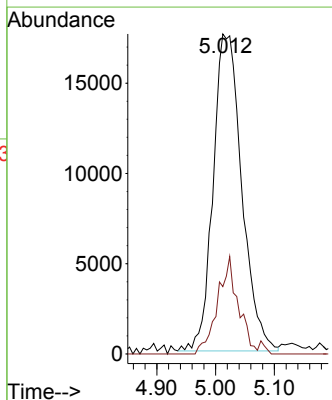
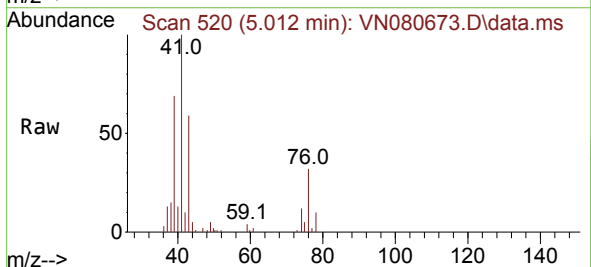


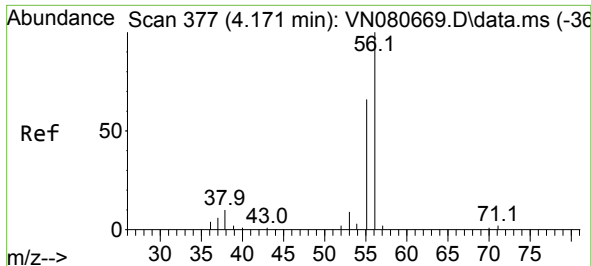
Tgt Ion:142 Resp: 42831
Ion Ratio Lower Upper
142 100
127 42.9 26.3 78.9
141 13.5 8.3 24.9



#12
Methyl Acetate
Concen: 19.123 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 43 Resp: 59576
Ion Ratio Lower Upper
43 100
74 21.4 27.7 41.5#





#13

Acrolein

Concen: 86.621 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

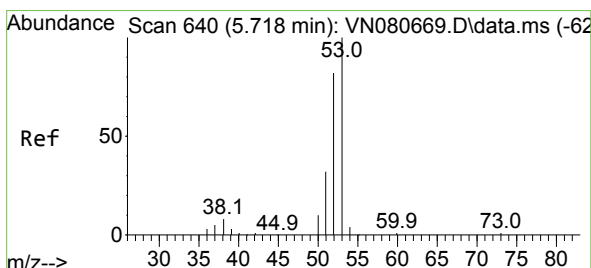
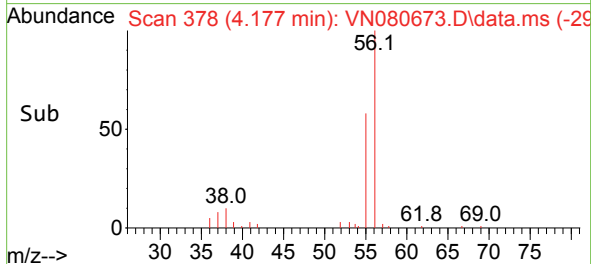
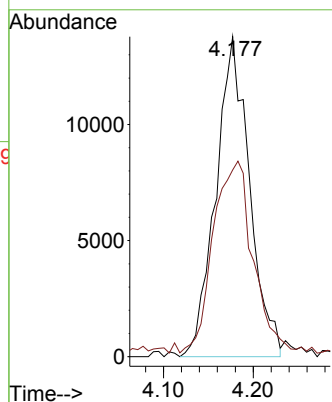
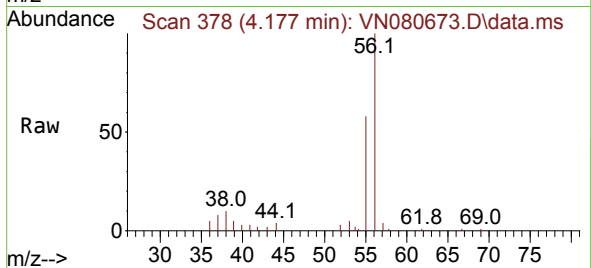
ClientSampleId :

Tgt Ion: 56 Resp: 35872

Ion Ratio Lower Upper

56 100

55 72.3 55.5 83.3



#14

Acrylonitrile

Concen: 97.366 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

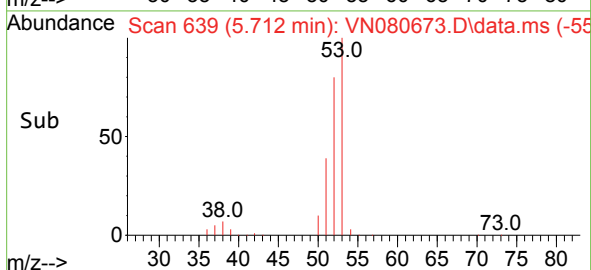
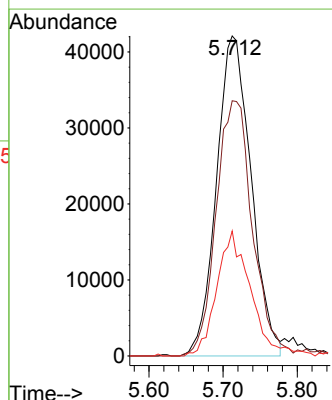
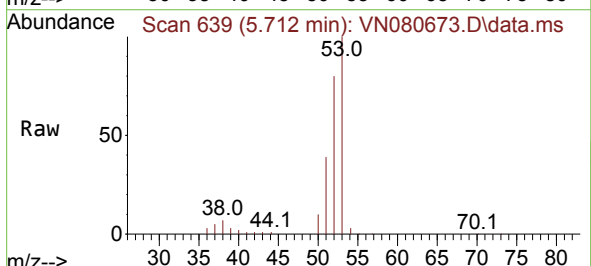
Tgt Ion: 53 Resp: 136691

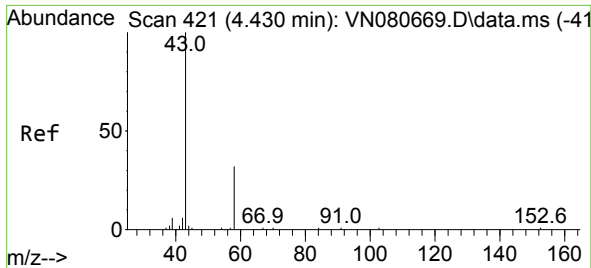
Ion Ratio Lower Upper

53 100

52 83.4 41.3 123.9

51 36.9 16.8 50.3





#15

Acetone

Concen: 98.435 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

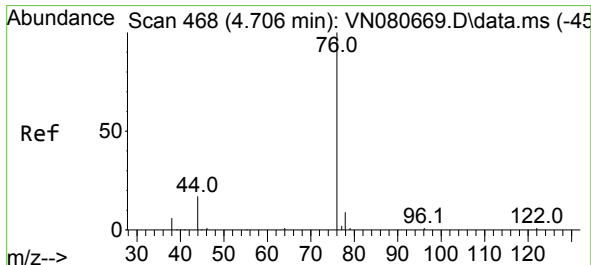
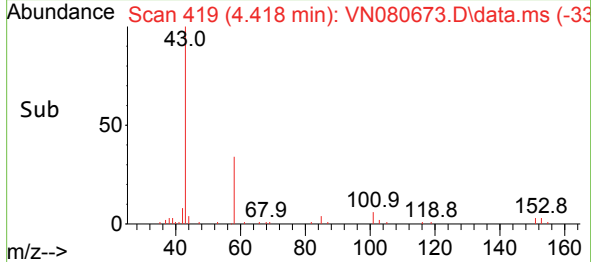
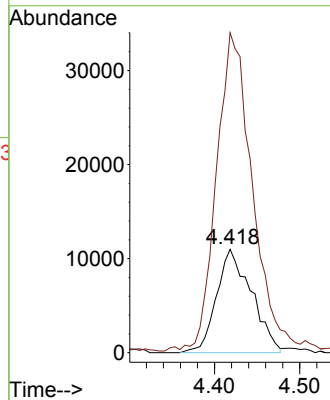
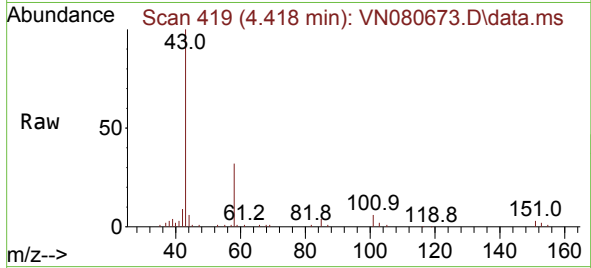
ClientSampleId :

Tgt Ion: 58 Resp: 31348

Ion Ratio Lower Upper

58 100

43 306.6 223.1 334.7



#16

Carbon Disulfide

Concen: 19.369 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080673.D

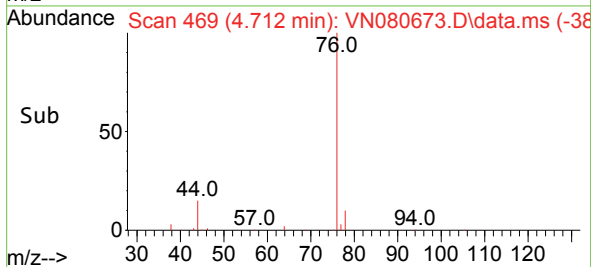
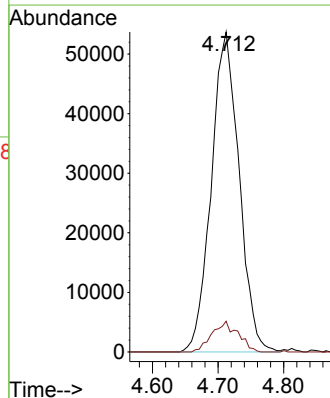
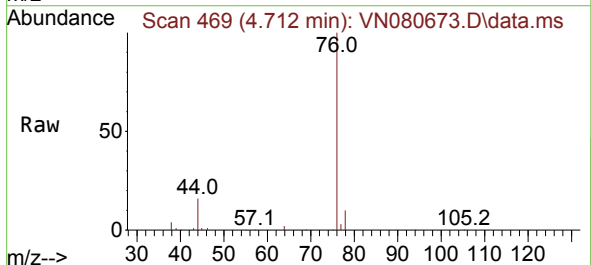
Acq: 11 Jan 2024 13:31

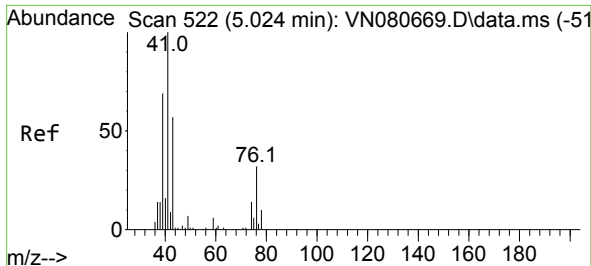
Tgt Ion: 76 Resp: 158005

Ion Ratio Lower Upper

76 100

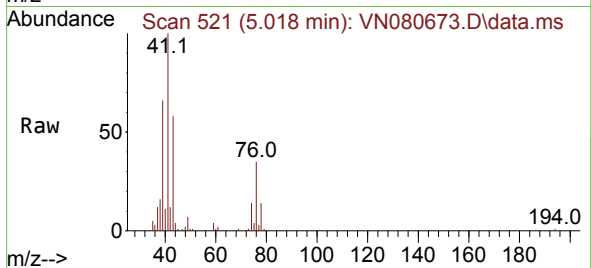
78 9.6 6.3 9.5#



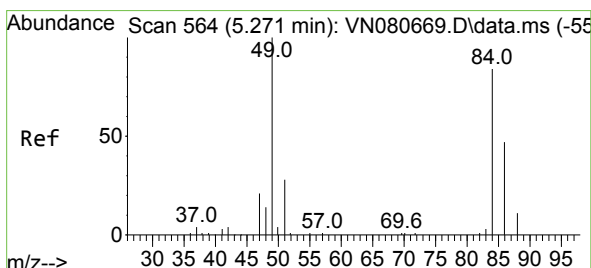
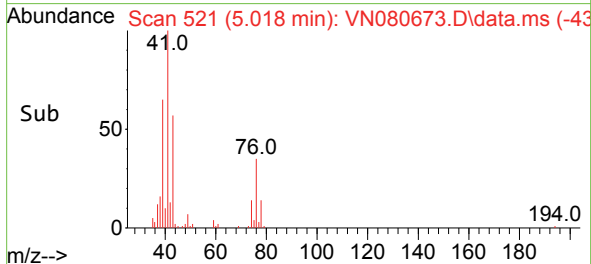
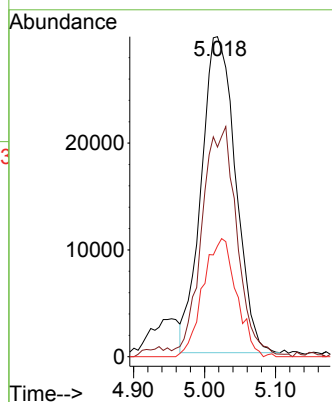


#17
 Allyl chloride
 Concen: 18.680 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

Instrument :
 MSVOA_N
 ClientSampleId :

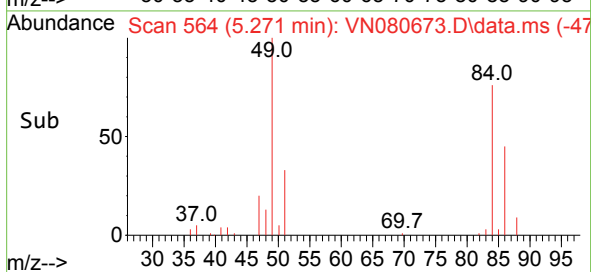
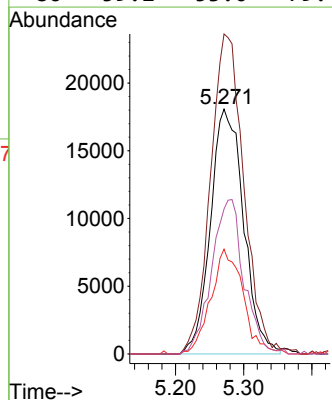
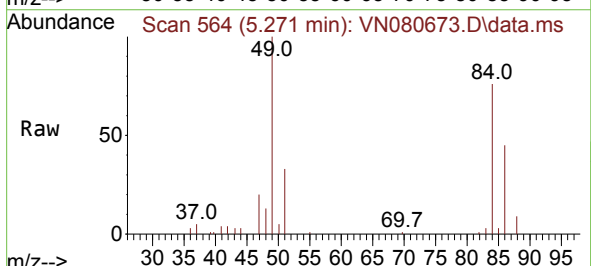


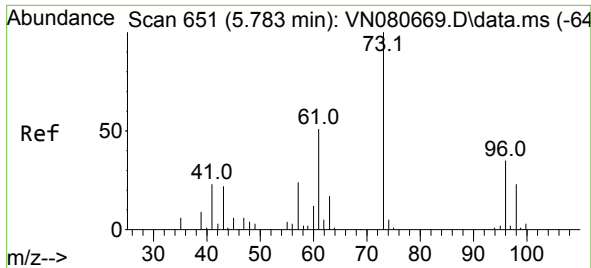
Tgt Ion: 41 Resp: 99575
 Ion Ratio Lower Upper
 41 100
 39 65.5 37.6 112.9
 76 35.0 27.8 83.4



#18
 Methylene Chloride
 Concen: 19.928 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

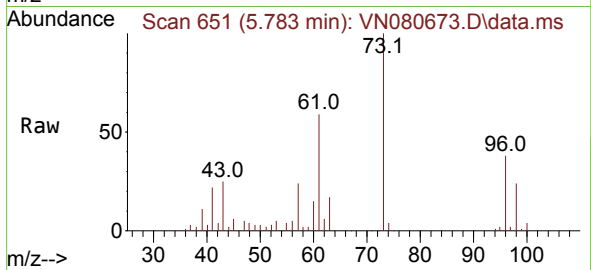
Tgt Ion: 84 Resp: 60980
 Ion Ratio Lower Upper
 84 100
 49 130.7 86.0 129.0#
 51 42.8 30.0 45.0
 86 59.2 53.0 79.4



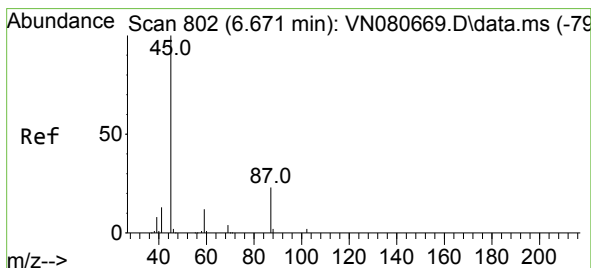
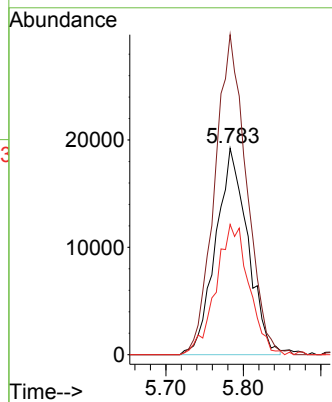
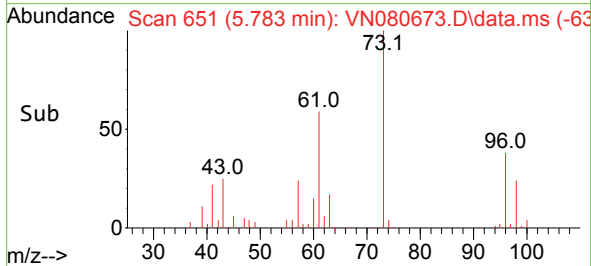


#19
trans-1,2-Dichloroethene
Concen: 19.962 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

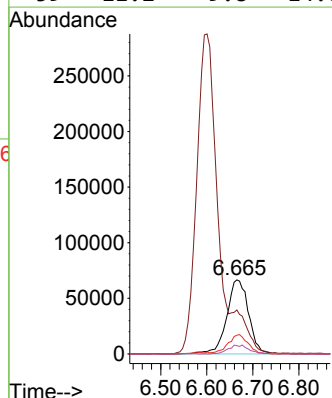
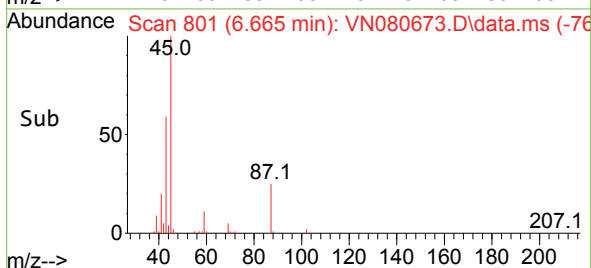
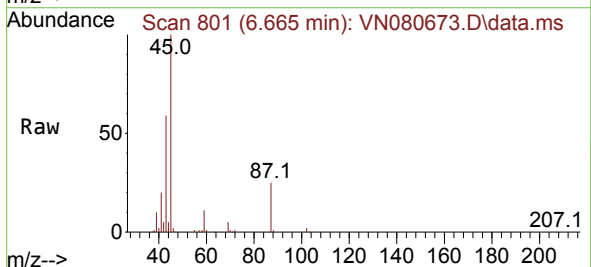


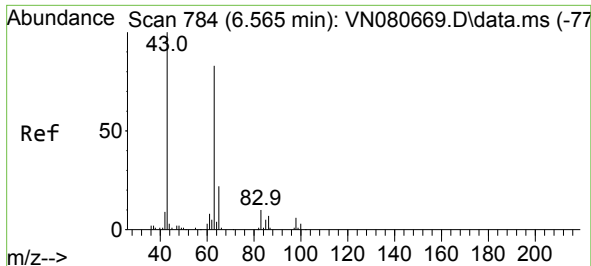
Tgt Ion: 96 Resp: 55266
Ion Ratio Lower Upper
96 100
61 155.0 111.8 167.6
98 63.1 49.2 73.8



#20
Diisopropyl ether
Concen: 20.217 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

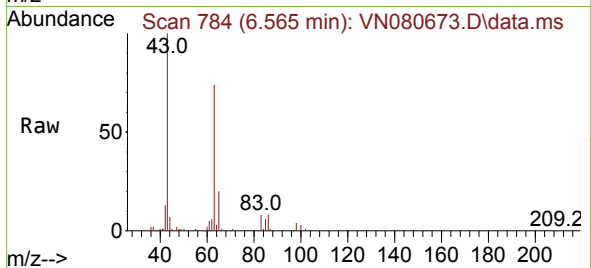
Tgt Ion: 45 Resp: 218697
Ion Ratio Lower Upper
45 100
43 58.4 40.4 60.6
87 25.4 23.8 35.8
59 11.2 9.8 14.6



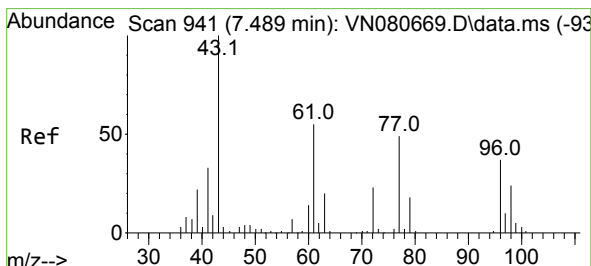
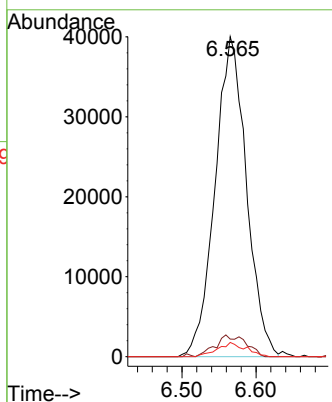
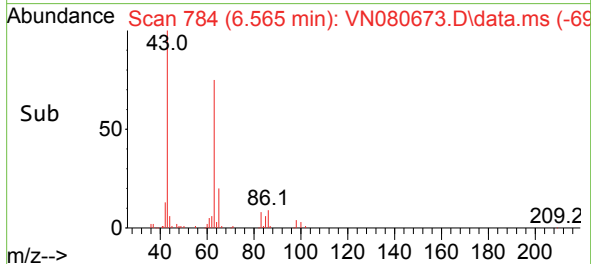


#21
1,1-Dichloroethane
Concen: 20.024 ug/l
RT: 6.565 min Scan# 714
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

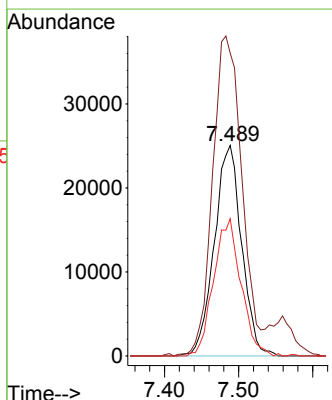
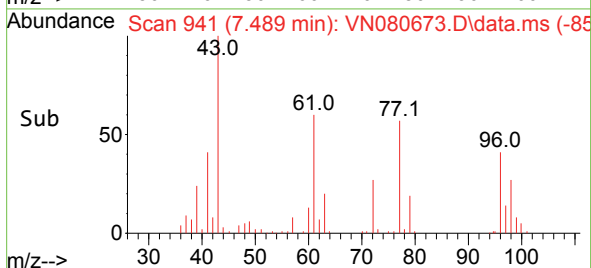
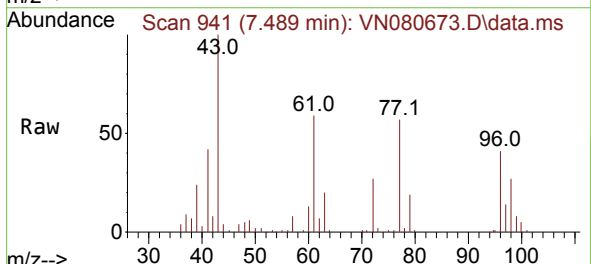


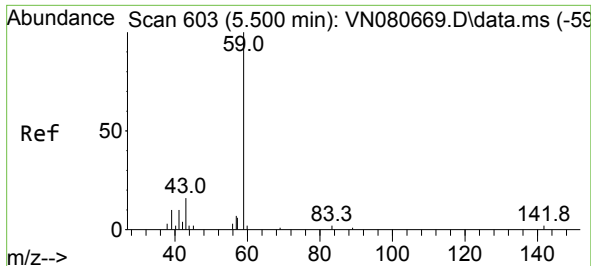
Tgt Ion: 63 Resp: 117630
Ion Ratio Lower Upper
63 100
98 5.5 4.1 12.3
100 4.5 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.843 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 96 Resp: 64270
Ion Ratio Lower Upper
96 100
61 161.8 113.5 170.3
98 65.0 52.0 78.0

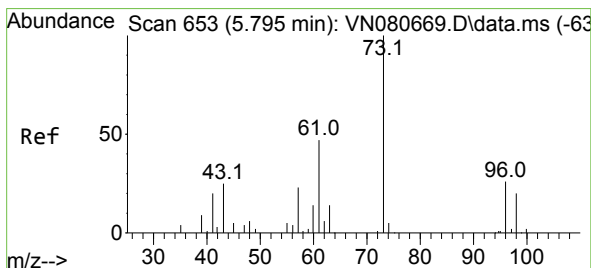
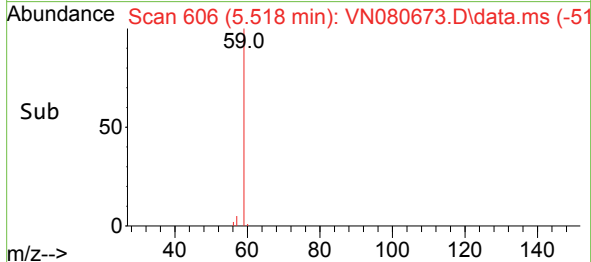
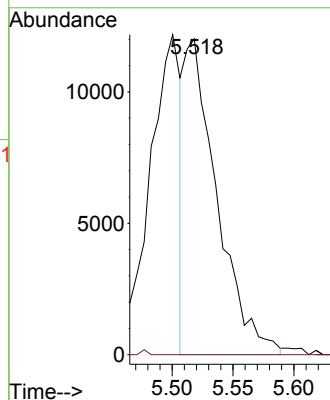
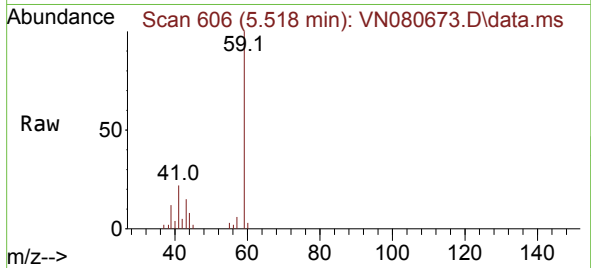




#23
tert-Butyl Alcohol
Concen: 45.859 ug/l
RT: 5.518 min Scan# 603
Delta R.T. 0.018 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

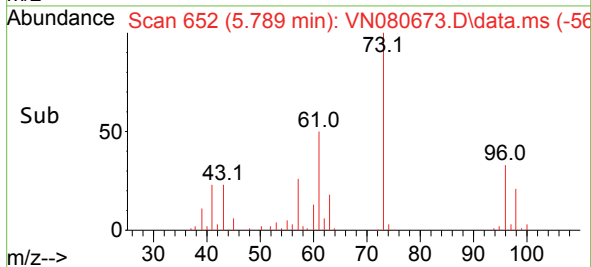
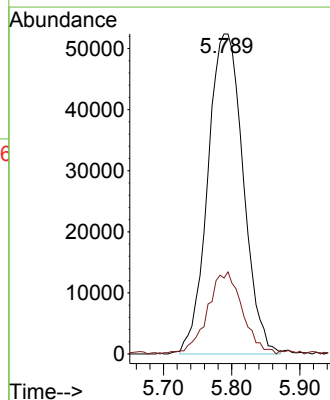
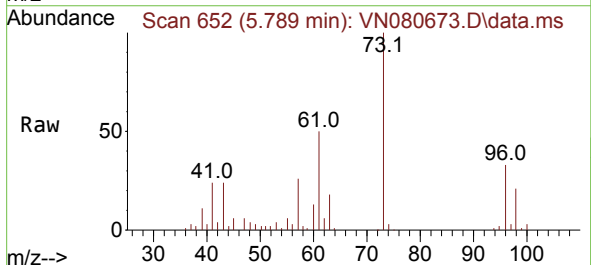
Instrument :
MSVOA_N
ClientSampleId :

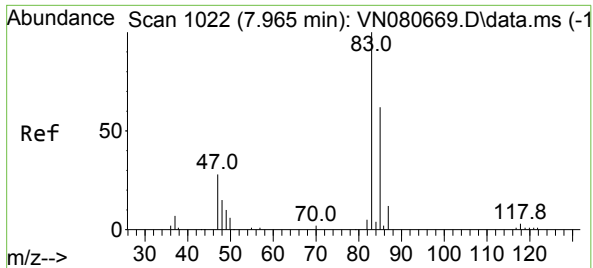
Tgt Ion: 59 Resp: 22204
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.858 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 73 Resp: 189074
Ion Ratio Lower Upper
73 100
43 13.2 13.4 20.2#

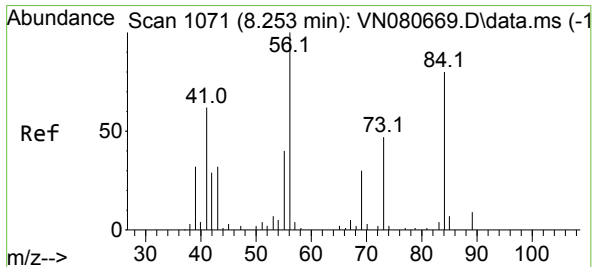
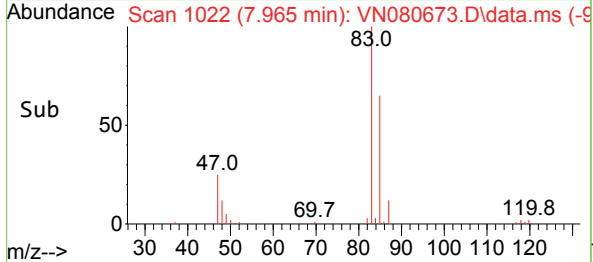
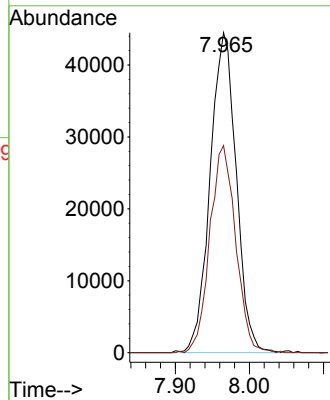
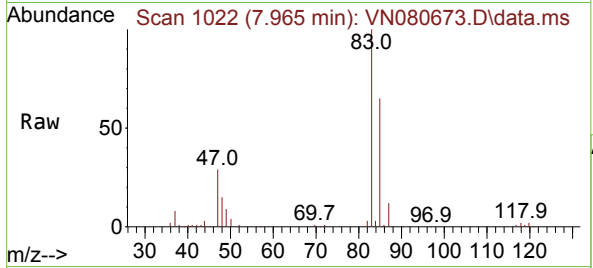




#25
Chloroform
Concen: 19.885 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

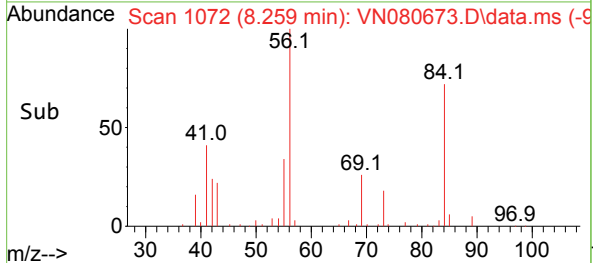
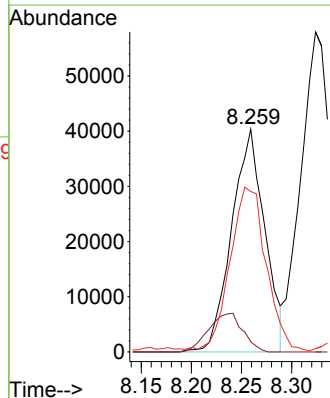
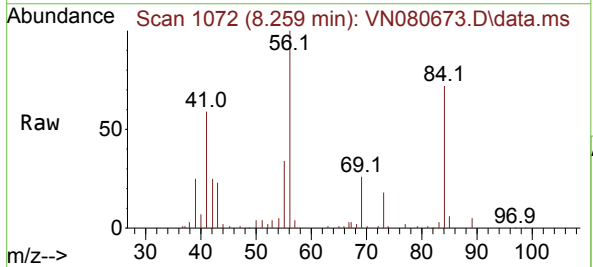
Instrument :
MSVOA_N
ClientSampleId :

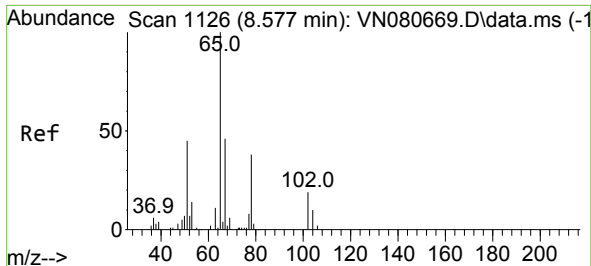
Tgt Ion: 83 Resp: 108755
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3



#26
Cyclohexane
Concen: 20.045 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 56 Resp: 92598
Ion Ratio Lower Upper
56 100
89 17.9 19.3 28.9#
84 80.5 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 27.764 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

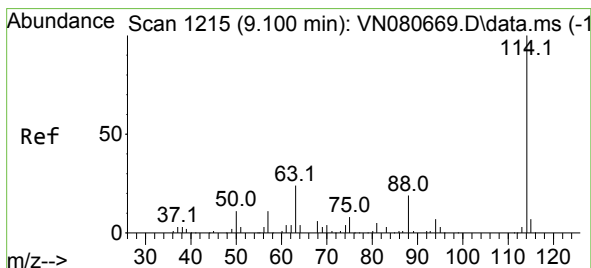
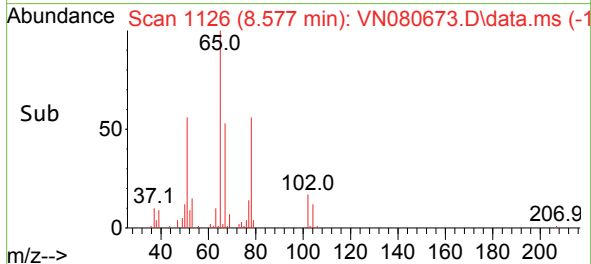
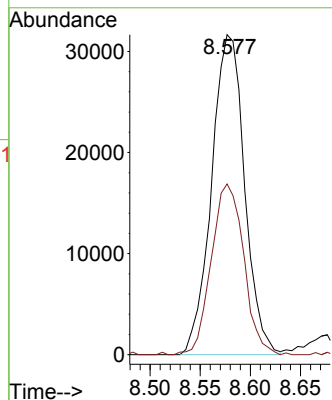
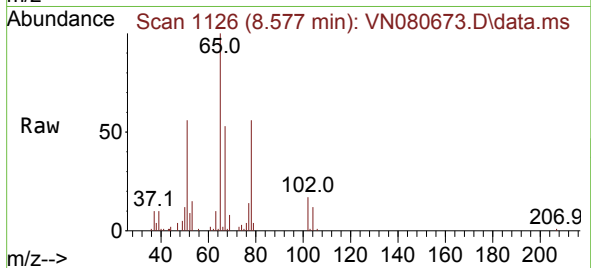
ClientSampleId :

Tgt Ion: 65 Resp: 72494

Ion Ratio Lower Upper

65 100

67 52.3 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: VN080673.D

Acq: 11 Jan 2024 13:31

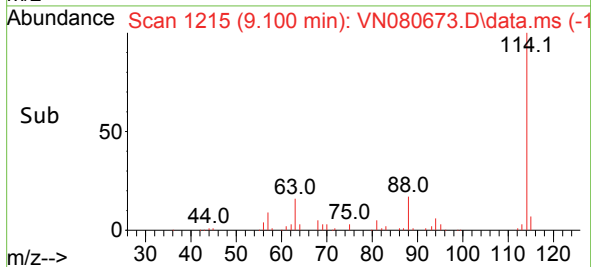
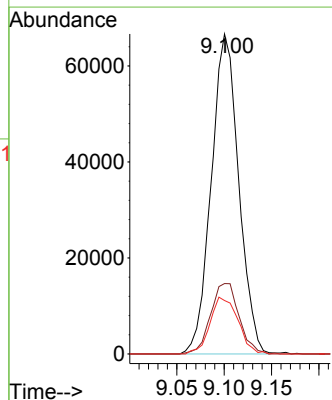
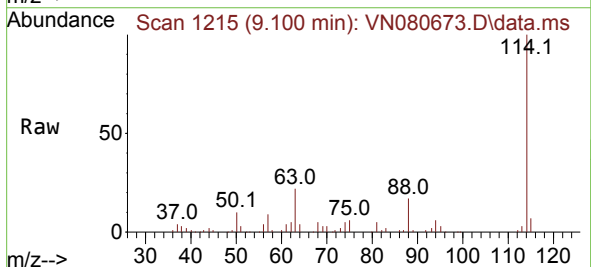
Tgt Ion: 114 Resp: 134463

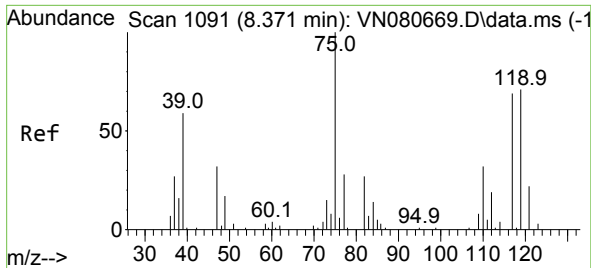
Ion Ratio Lower Upper

114 100

63 22.8 15.9 23.9

88 18.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.731 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

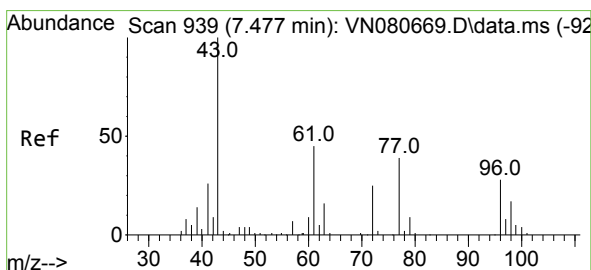
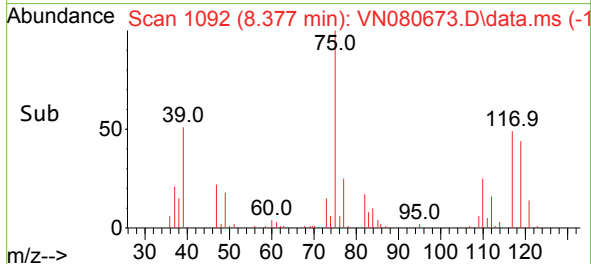
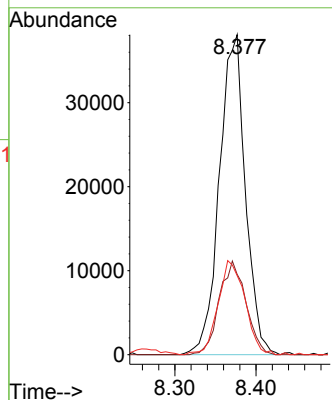
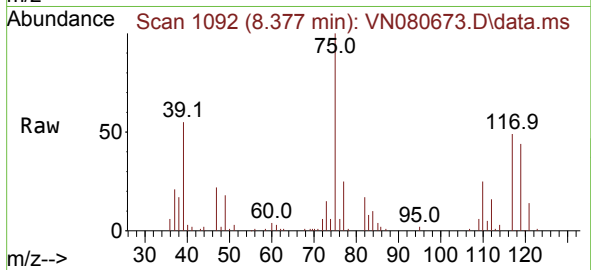
Tgt Ion: 75 Resp: 84736

Ion Ratio Lower Upper

75 100

110 30.1 0.0 70.2

77 30.1 0.0 61.4



#30

2-Butanone

Concen: 103.954 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

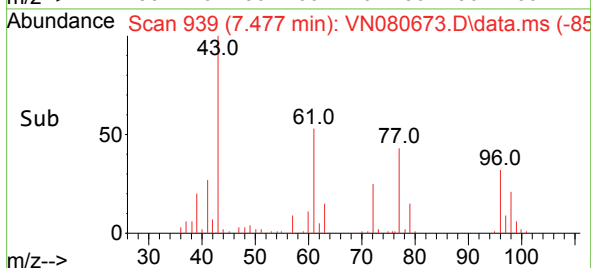
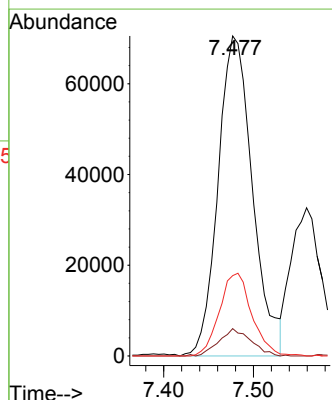
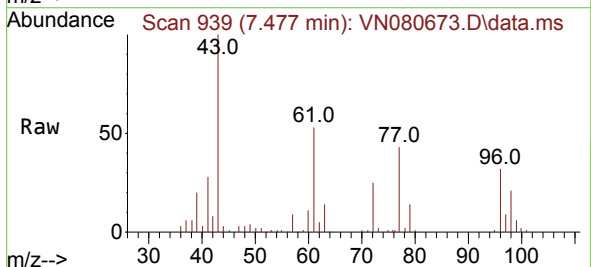
Tgt Ion: 43 Resp: 188020

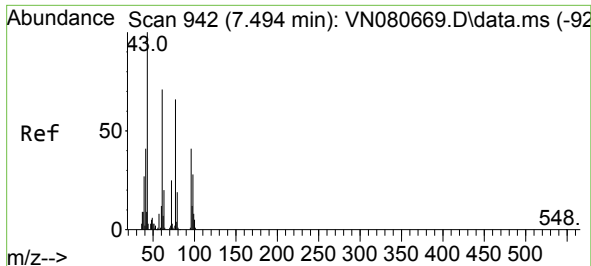
Ion Ratio Lower Upper

43 100

57 7.8 6.7 10.1

72 24.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 20.715 ug/l

RT: 7.483 min Scan# 942

Delta R.T. -0.011 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

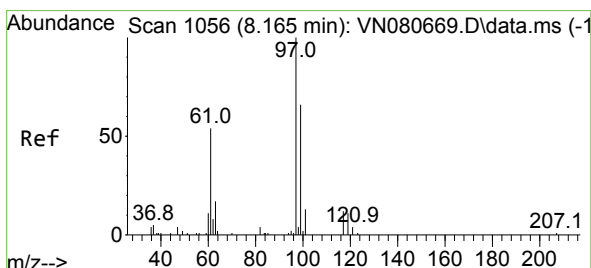
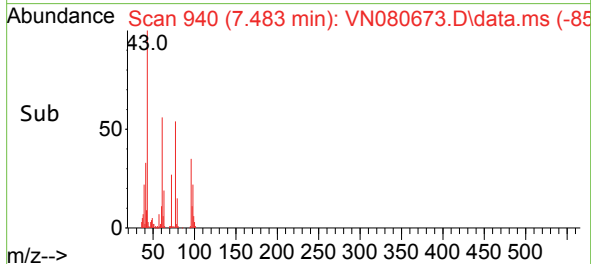
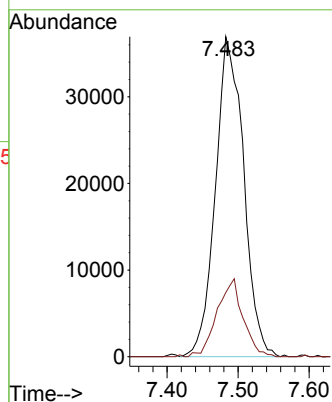
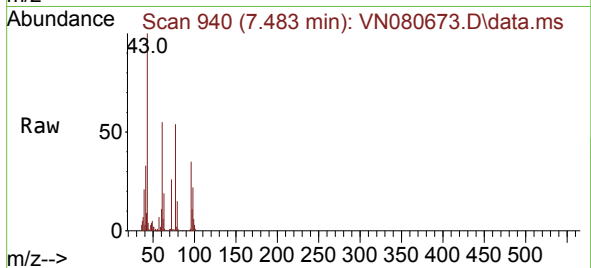
ClientSampleId :

Tgt Ion: 77 Resp: 101718

Ion Ratio Lower Upper

77 100

97 22.0 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.105 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

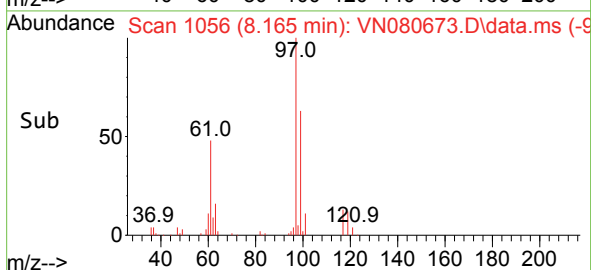
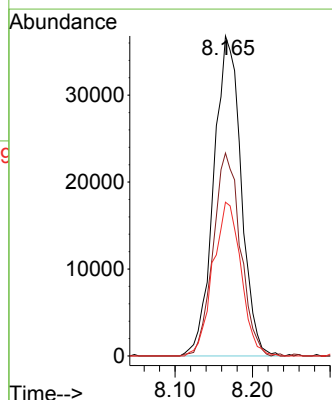
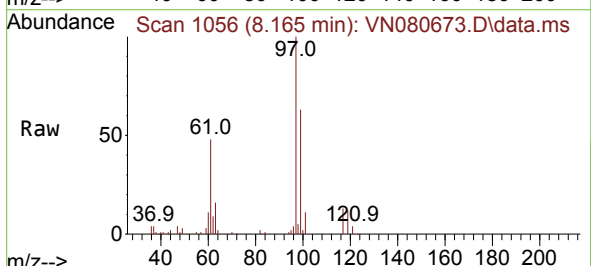
Tgt Ion: 97 Resp: 90423

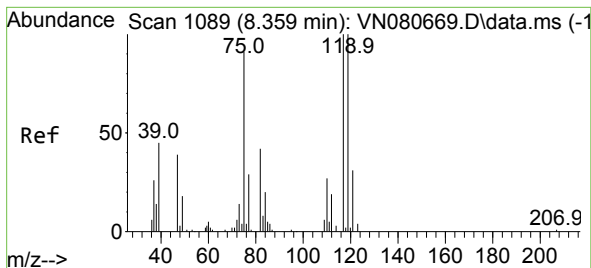
Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 49.3 33.8 50.8





#33

Carbon Tetrachloride

Concen: 2.993 ug/l

RT: 8.165 min Scan# 11056

Delta R.T. -0.194 min

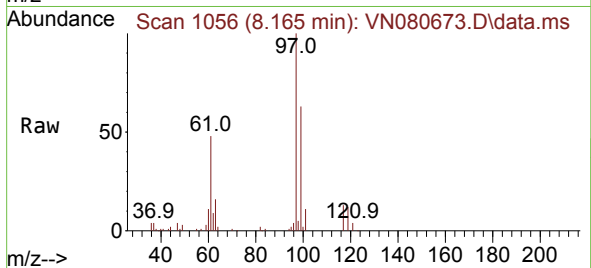
Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :



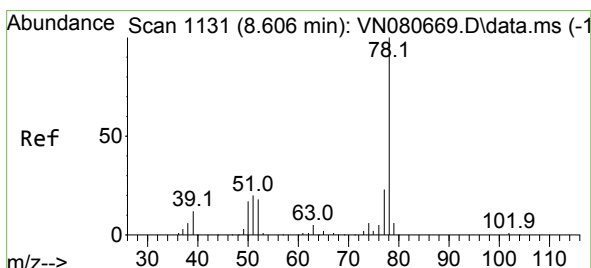
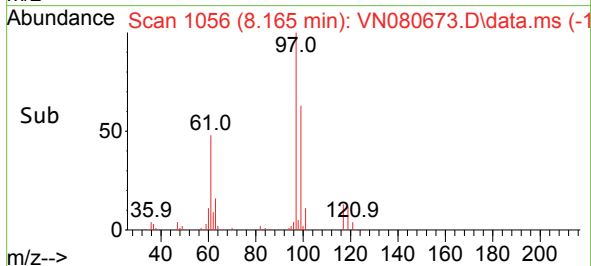
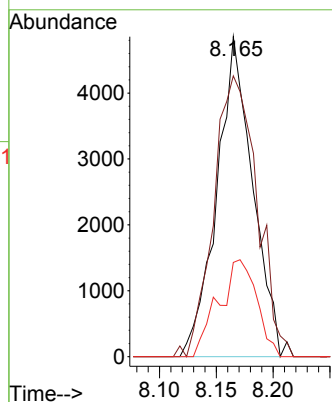
Tgt Ion:117 Resp: 10632

Ion Ratio Lower Upper

117 100

119 84.4 77.7 116.5

121 29.5 27.0 40.6



#34

Benzene

Concen: 20.457 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

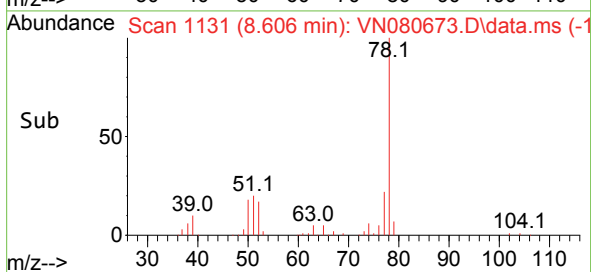
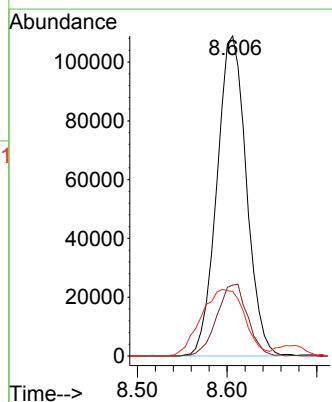
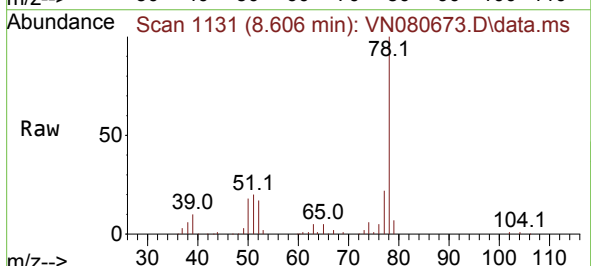
Tgt Ion: 78 Resp: 248017

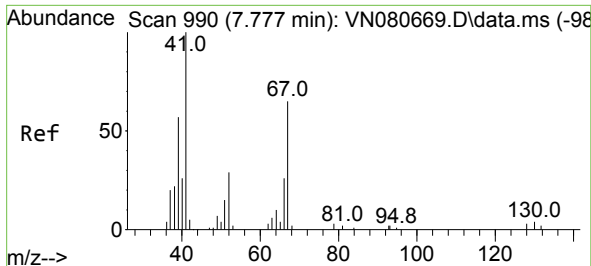
Ion Ratio Lower Upper

78 100

77 22.2 19.2 28.8

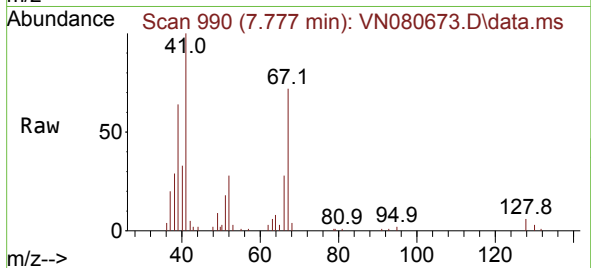
51 18.6 13.3 19.9



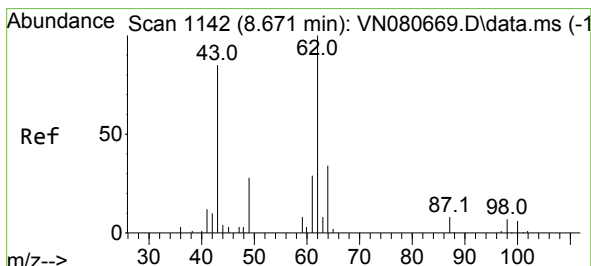
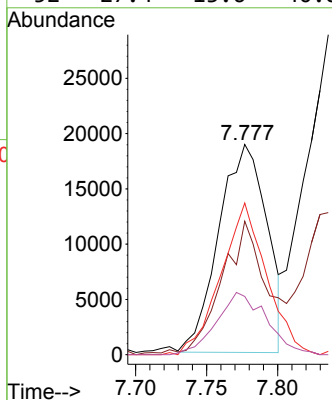
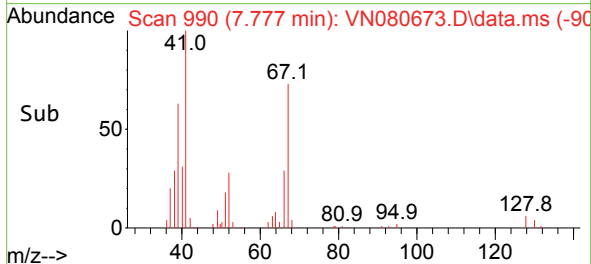


#35
Methacrylonitrile
Concen: 19.594 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

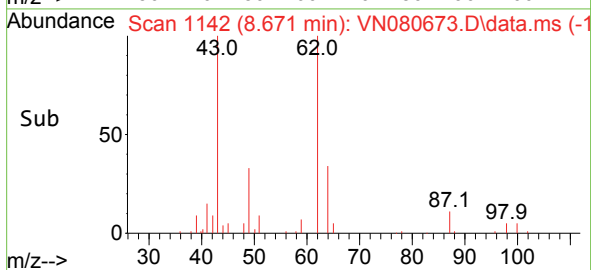
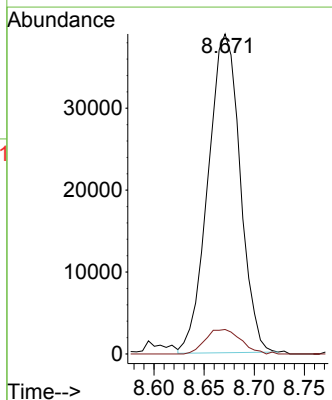
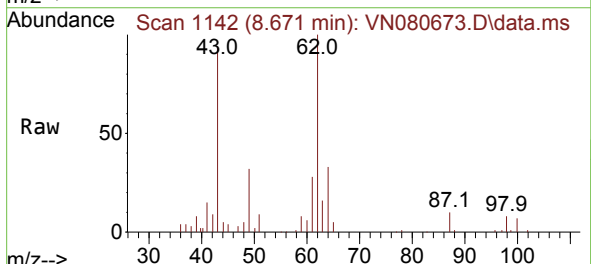


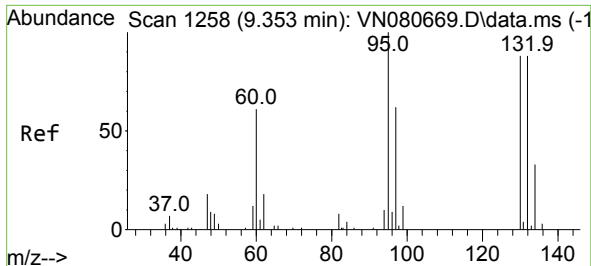
Tgt Ion: 41	Resp: 44470
Ion Ratio	Lower Upper
41	100
39	63.3 25.3 75.9
67	73.4 38.7 116.1
52	27.4 13.6 40.8



#36
1,2-Dichloroethane
Concen: 19.425 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 62	Resp: 86595
Ion Ratio	Lower Upper
62	100
98	8.5 8.2 12.4





#37

Trichloroethene

Concen: 20.442 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

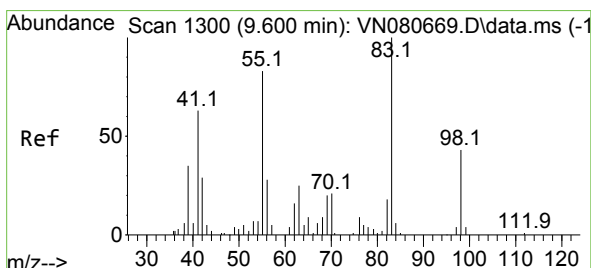
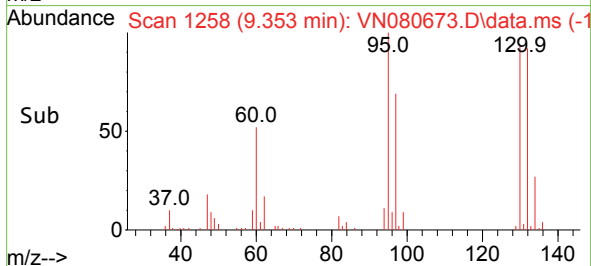
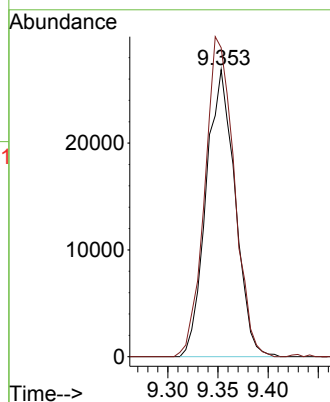
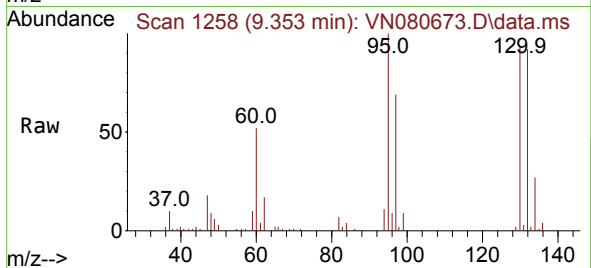
ClientSampleId :

Tgt Ion:130 Resp: 54049

Ion Ratio Lower Upper

130 100

95 107.6 80.2 120.4



#38

Methylcyclohexane

Concen: 20.640 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

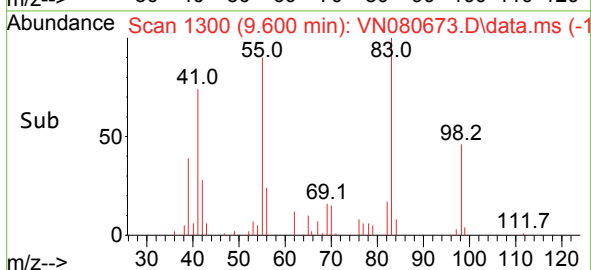
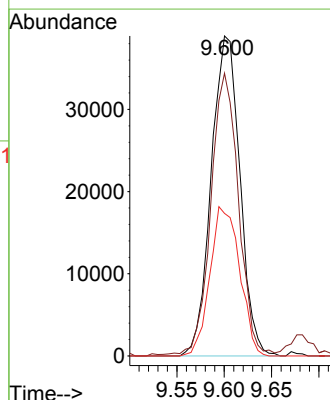
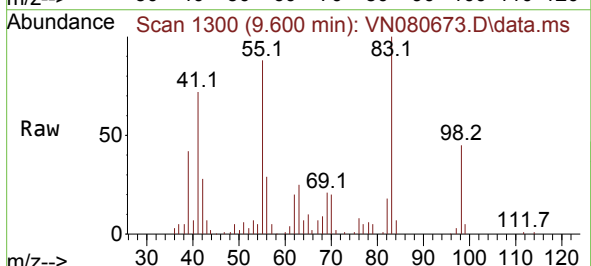
Tgt Ion: 83 Resp: 82189

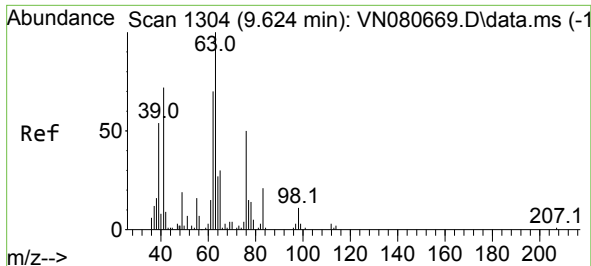
Ion Ratio Lower Upper

83 100

55 85.0 36.6 109.9

98 48.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.041 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

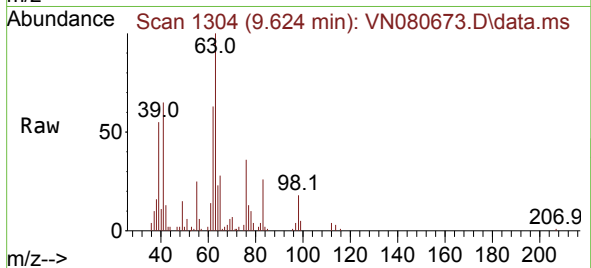
Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

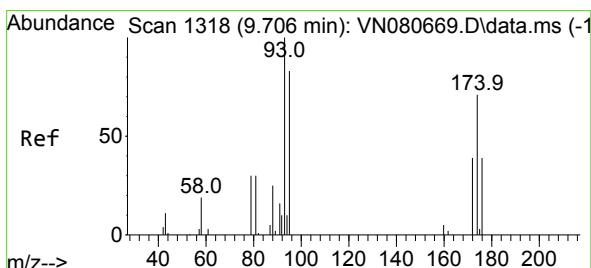
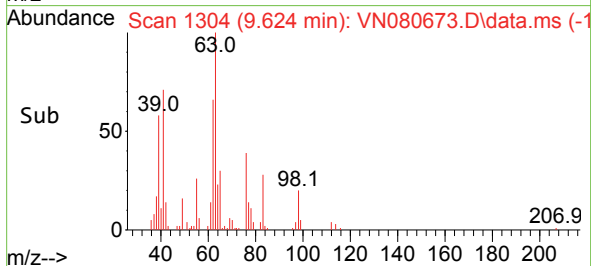
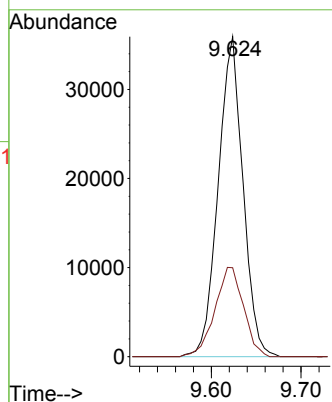


Tgt Ion: 63 Resp: 68757

Ion Ratio Lower Upper

63 100

65 27.8 25.0 37.4



#40

Dibromomethane

Concen: 20.798 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

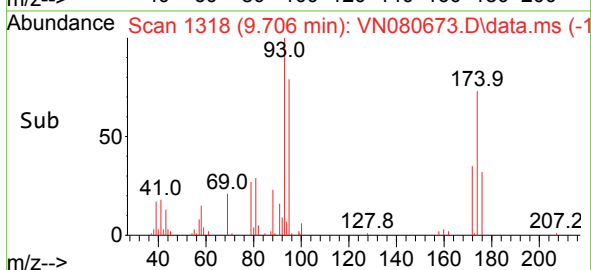
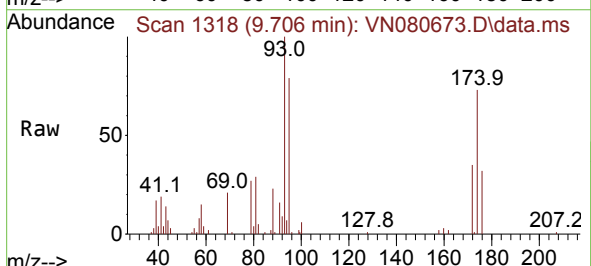
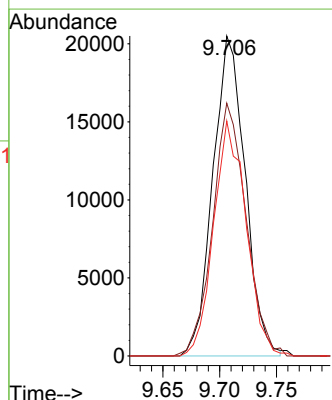
Tgt Ion: 93 Resp: 40438

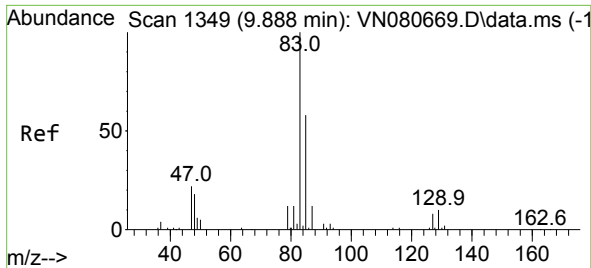
Ion Ratio Lower Upper

93 100

95 82.1 0.0 164.6

174 74.1 0.0 193.2

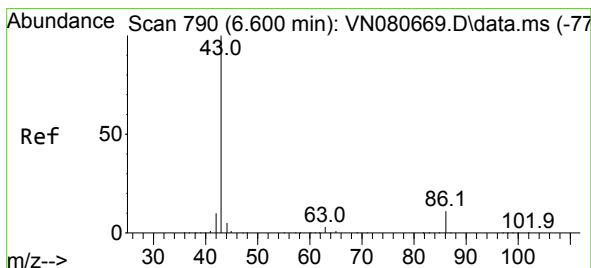
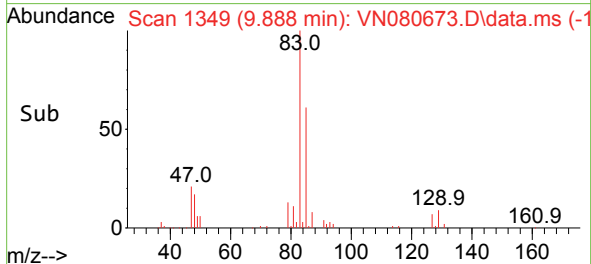
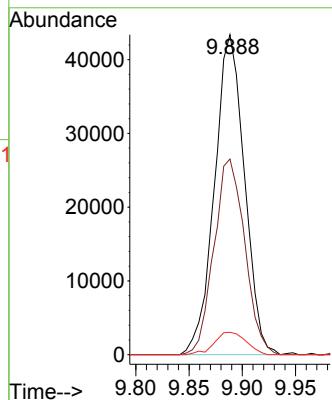
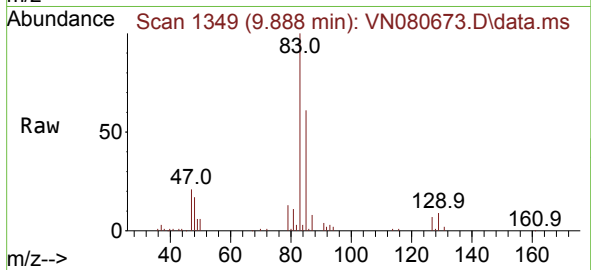




#41
Bromodichloromethane
Concen: 19.917 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

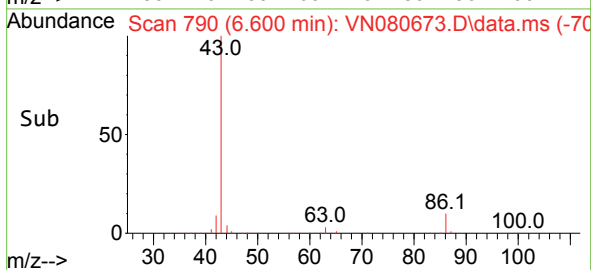
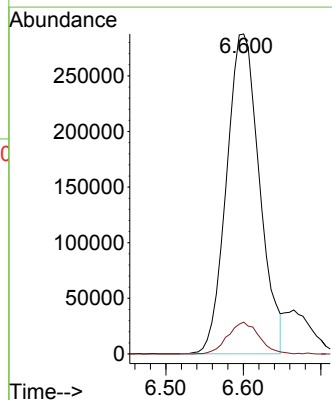
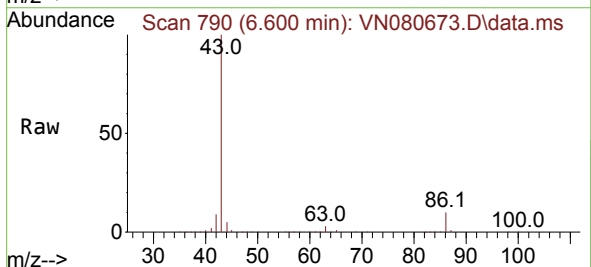
Instrument :
MSVOA_N
ClientSampleId :

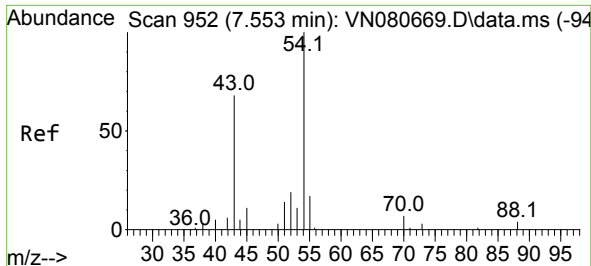
Tgt Ion: 83 Resp: 84742
Ion Ratio Lower Upper
83 100
85 61.1 49.4 74.2
127 7.0 7.3 10.9#



#42
Vinyl Acetate
Concen: 101.295 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

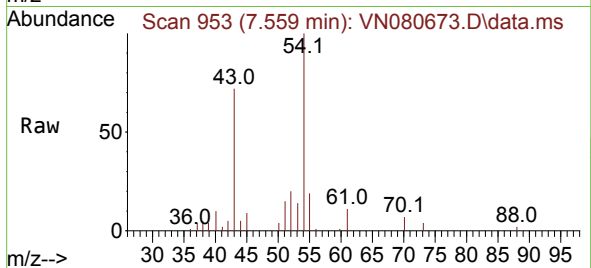
Tgt Ion: 43 Resp: 851531
Ion Ratio Lower Upper
43 100
86 9.5 9.4 14.2



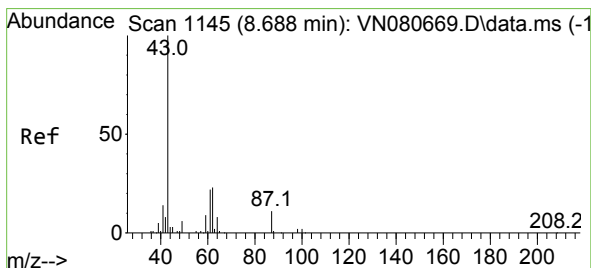
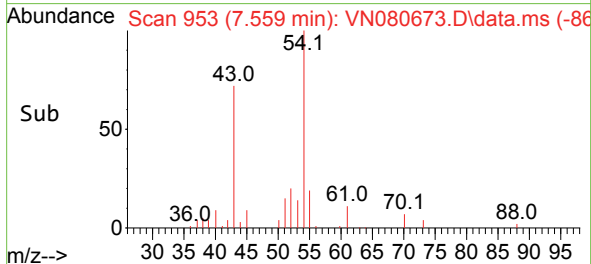
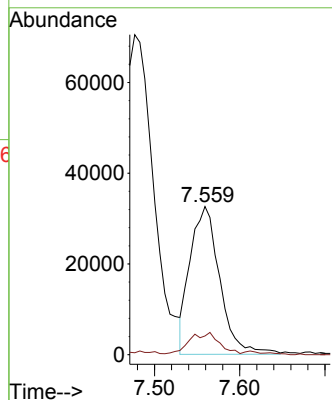


#43
Ethyl Acetate
Concen: 20.737 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

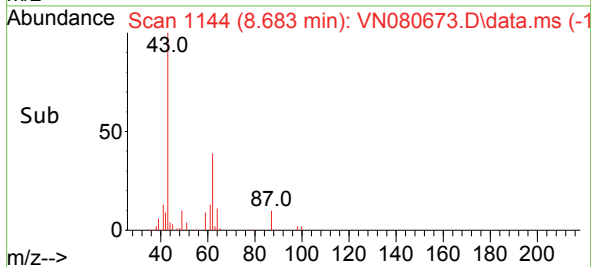
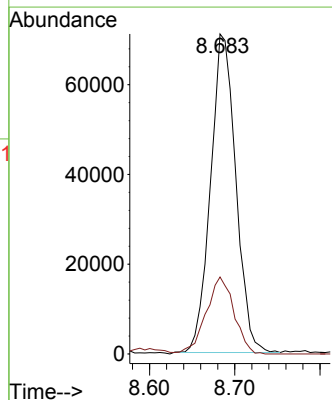
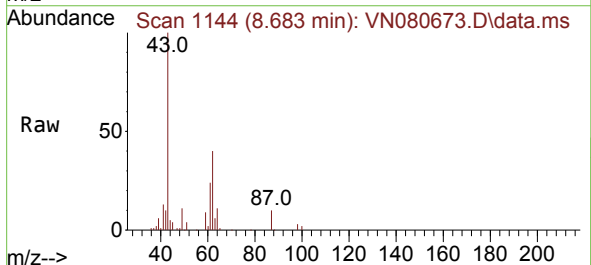


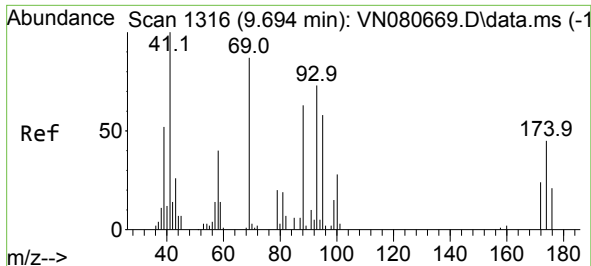
Tgt Ion: 43 Resp: 78759
Ion Ratio Lower Upper
43 100
45 8.3 10.6 15.8#



#44
Isopropyl Acetate
Concen: 20.173 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 43 Resp: 146252
Ion Ratio Lower Upper
43 100
61 26.6 25.0 37.4





#45

1,4-Dioxane

Concen: 354.786 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

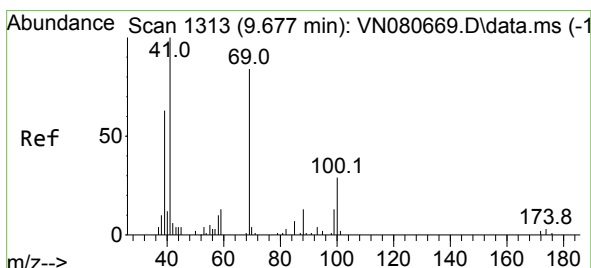
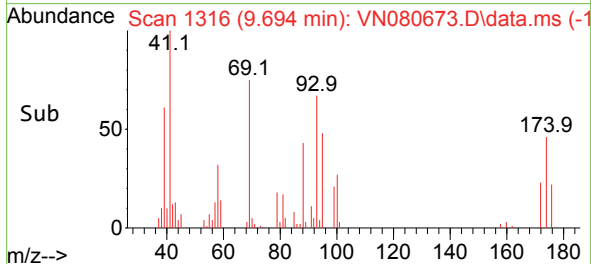
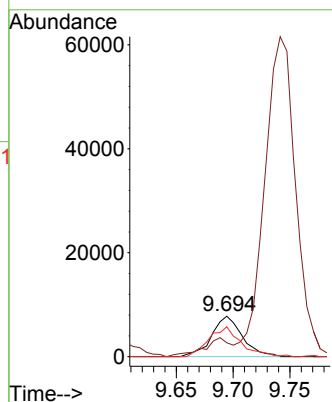
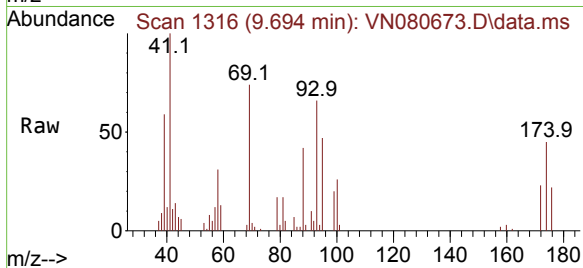
Tgt Ion: 88 Resp: 14629

Ion Ratio Lower Upper

88 100

43 41.5 19.8 29.6#

58 77.4 55.4 83.0



#46

Methyl methacrylate

Concen: 19.790 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

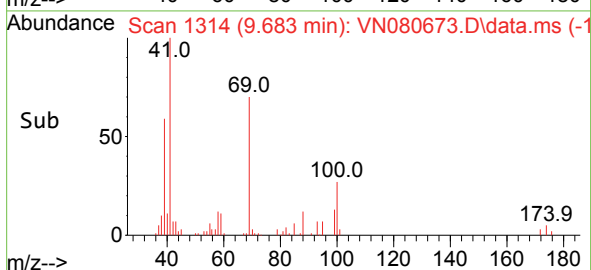
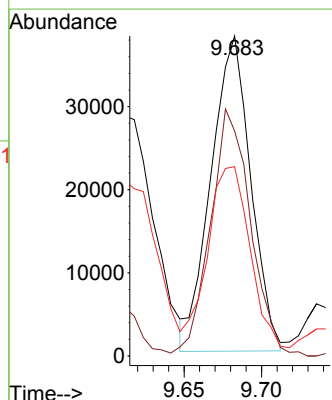
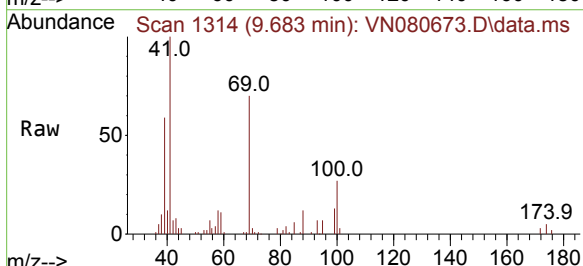
Tgt Ion: 41 Resp: 67561

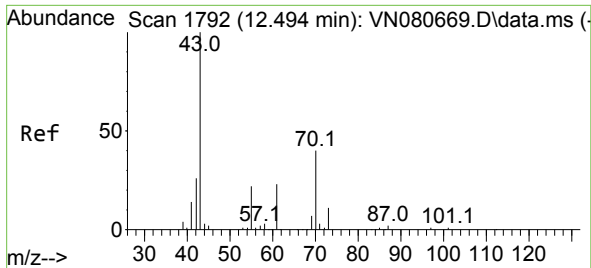
Ion Ratio Lower Upper

41 100

69 70.5 51.1 153.3

39 58.5 25.8 77.3

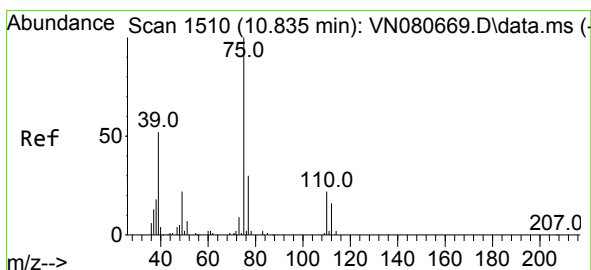
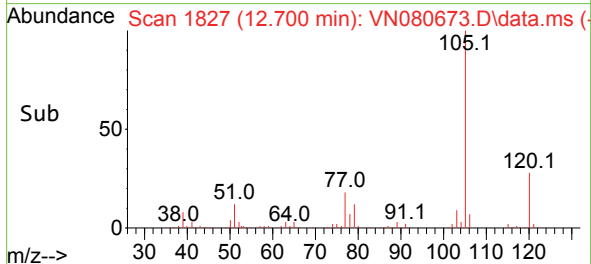
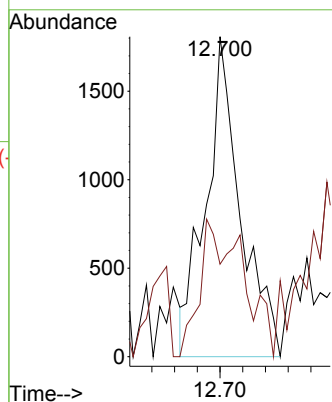
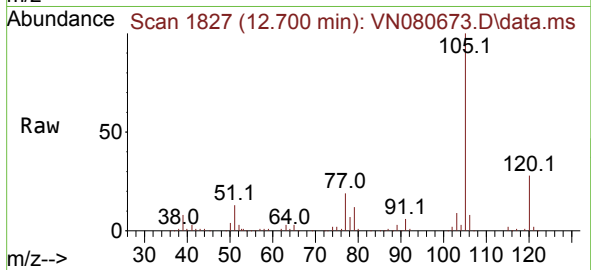




#47
n-amyl acetate
Concen: 0.588 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.206 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

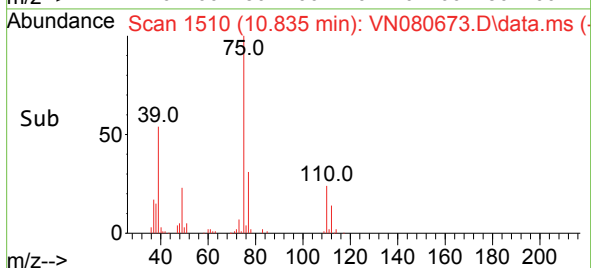
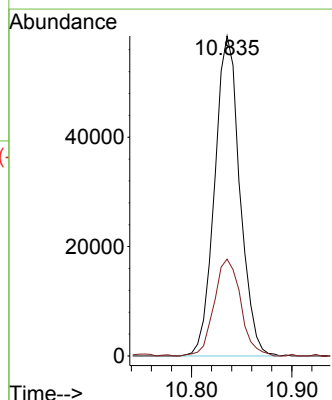
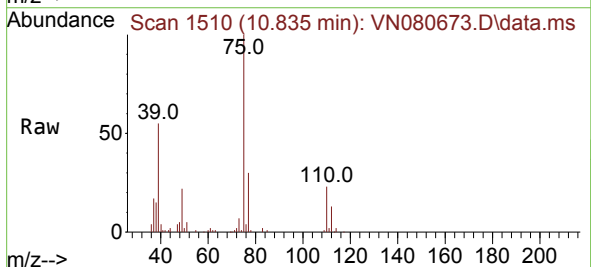
Instrument :
MSVOA_N
ClientSampleId :

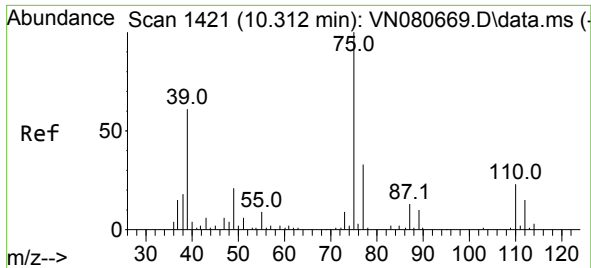
Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
55 24.9 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 20.351 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 75 Resp: 102026
Ion Ratio Lower Upper
75 100
77 30.3 23.8 35.6



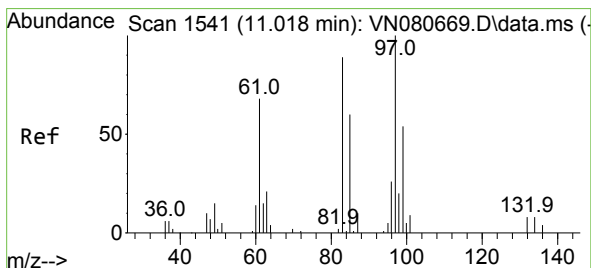
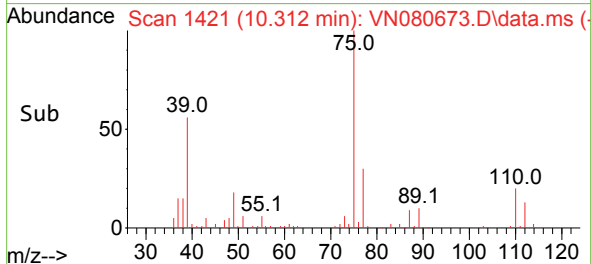
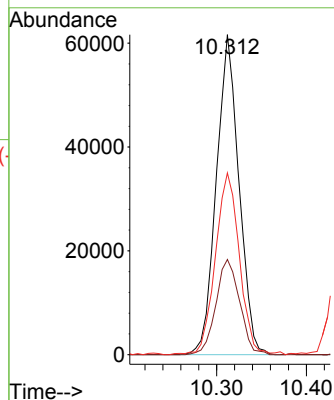
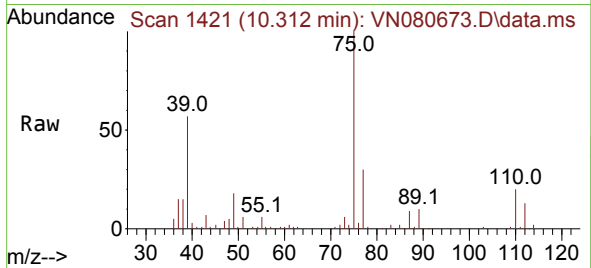


#49
 cis-1,3-Dichloropropene
 Concen: 20.267 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 107843

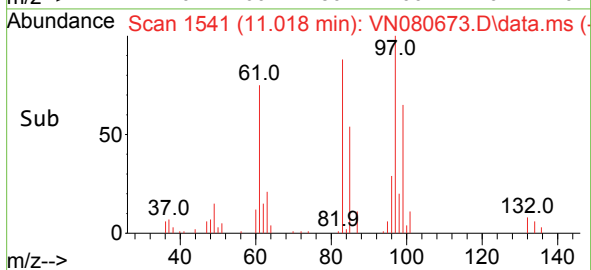
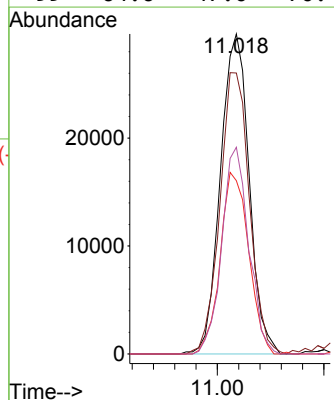
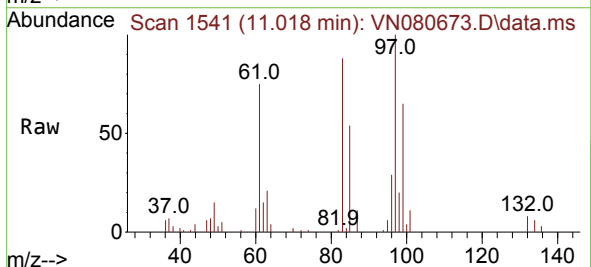
Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.9	37.3
39	56.4	31.0	46.6

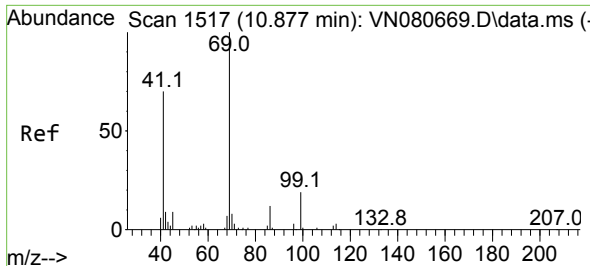


#50
 1,1,2-Trichloroethane
 Concen: 20.765 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

Tgt Ion: 97 Resp: 55447

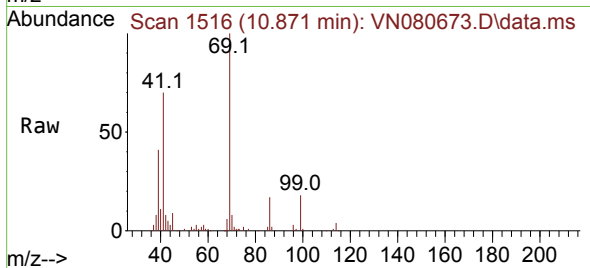
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.1	102.1
85	54.2	41.8	62.6
99	64.6	47.0	70.4



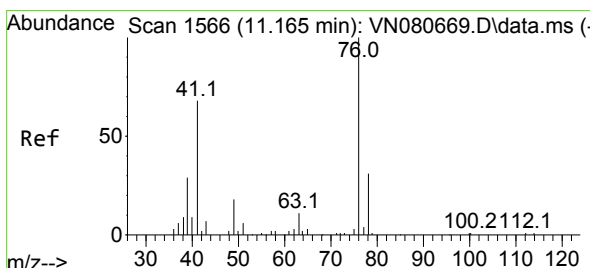
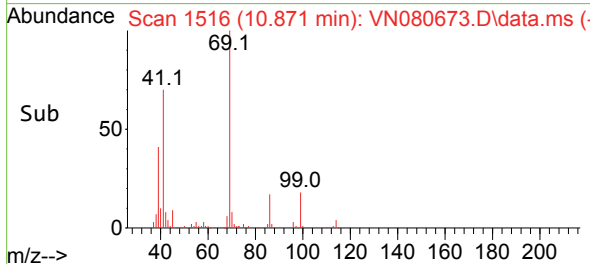
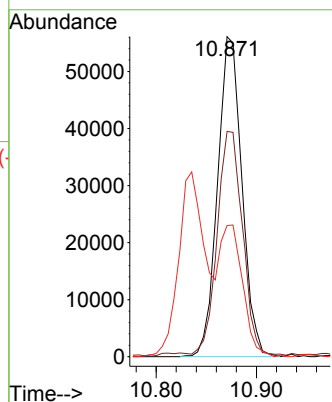


#51
Ethyl methacrylate
Concen: 20.507 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

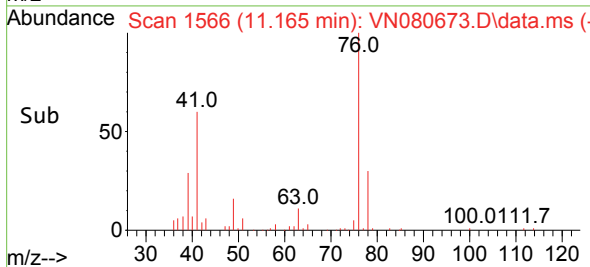
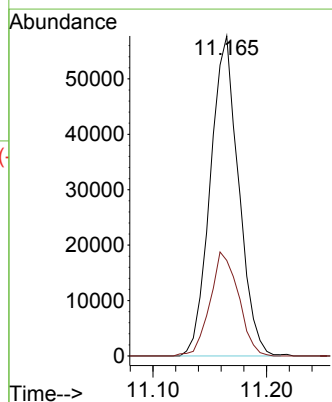
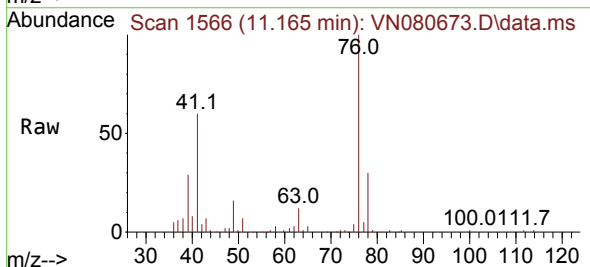


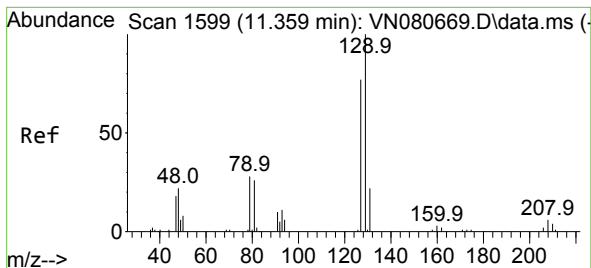
Tgt Ion: 69 Resp: 94655
Ion Ratio Lower Upper
69 100
41 69.6 25.5 76.5
39 40.6 16.0 47.9



#52
1,3-Dichloropropane
Concen: 19.869 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 76 Resp: 99877
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.8





#53

Dibromochloromethane

Concen: 20.124 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

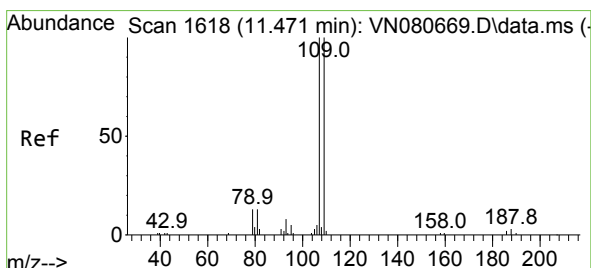
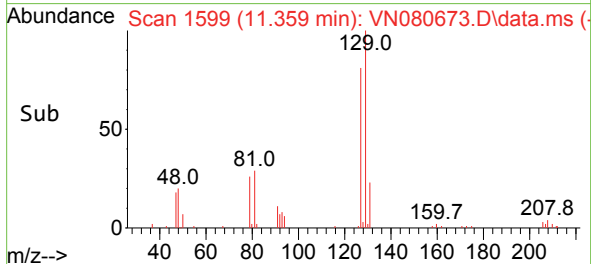
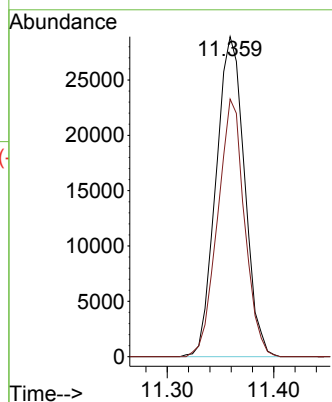
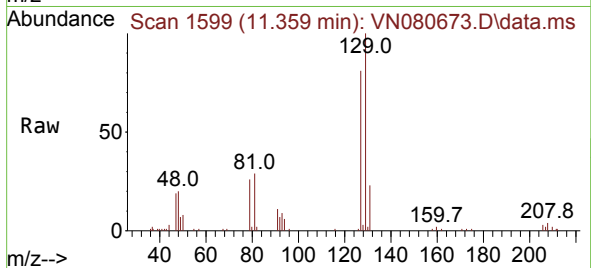
ClientSampleId :

Tgt Ion:129 Resp: 53771

Ion Ratio Lower Upper

129 100

127 76.1 39.4 118.1



#54

1,2-Dibromoethane

Concen: 20.442 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN080673.D

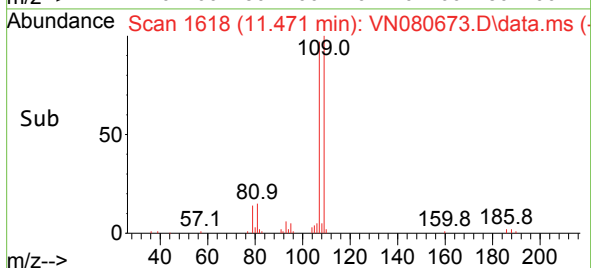
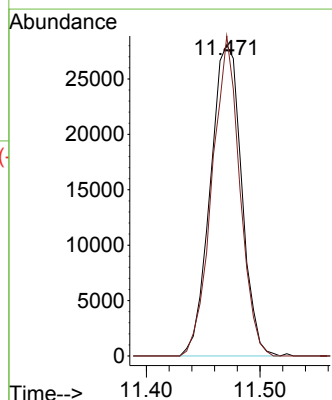
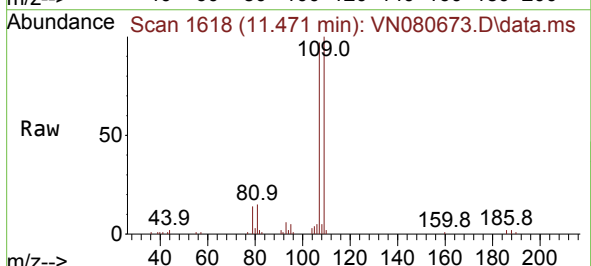
Acq: 11 Jan 2024 13:31

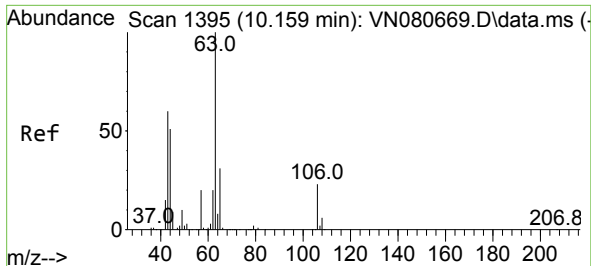
Tgt Ion:107 Resp: 53655

Ion Ratio Lower Upper

107 100

109 91.1 74.7 112.1

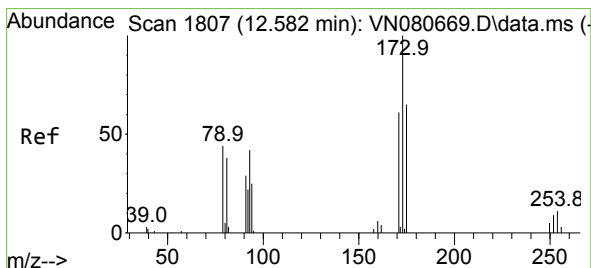
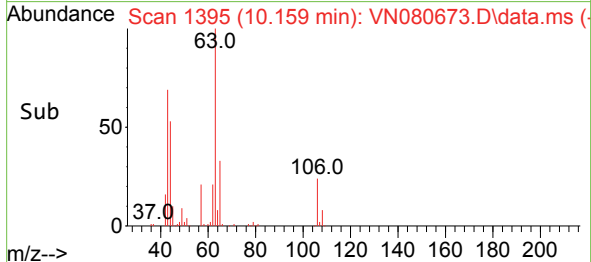
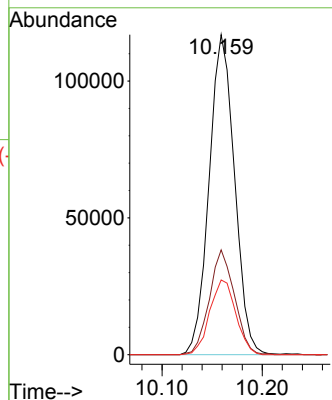
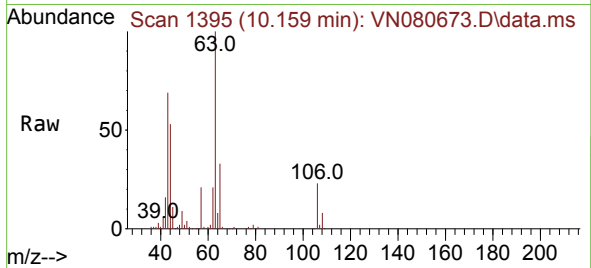




#55
2-Chloroethyl vinyl ether
Concen: 86.962 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

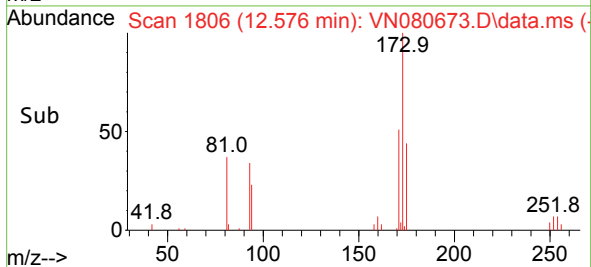
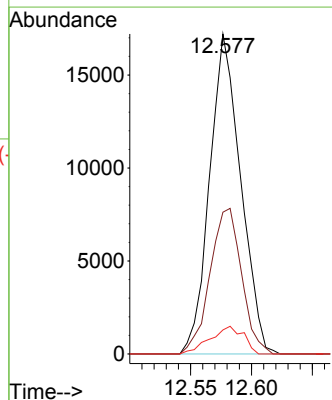
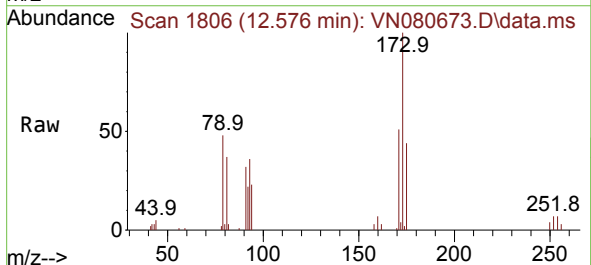
Instrument :
MSVOA_N
ClientSampleId :

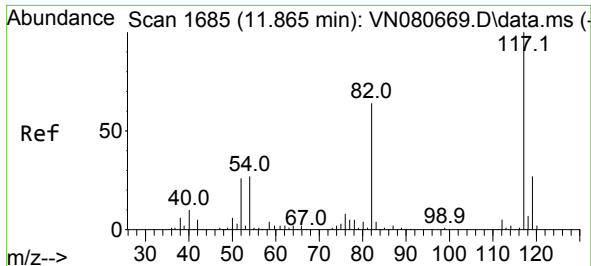
Tgt Ion: 63 Resp: 206317
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 23.9 23.8 35.8



#56
Bromoform
Concen: 19.343 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 173 Resp: 30531
Ion Ratio Lower Upper
173 100
175 46.2 40.0 60.0
254 9.3 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: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

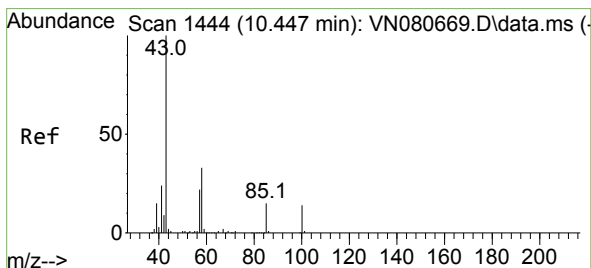
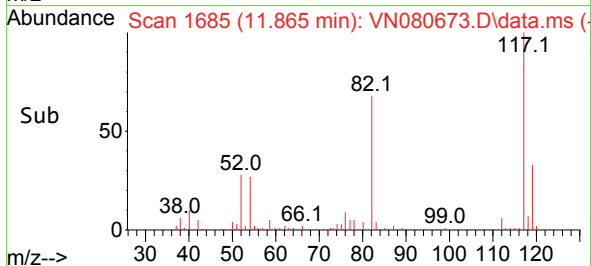
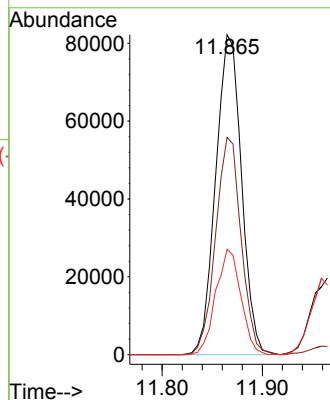
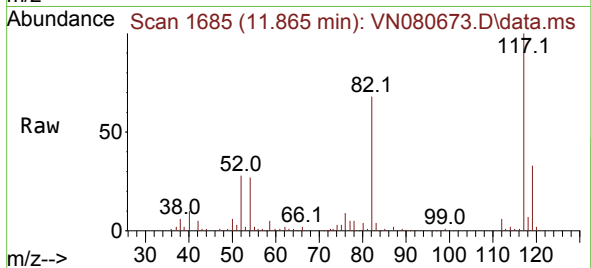
Tgt Ion:117 Resp: 146816

Ion Ratio Lower Upper

117 100

82 67.1 46.6 69.8

119 32.1 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 104.668 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

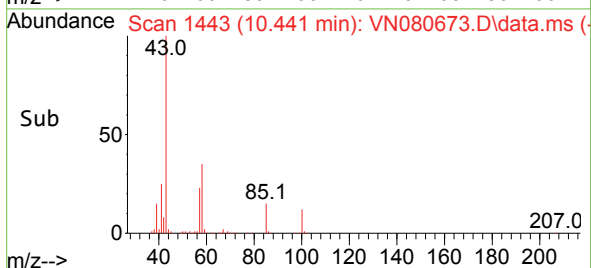
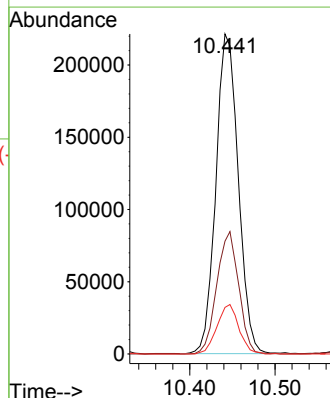
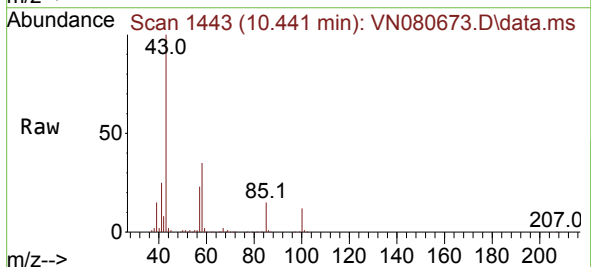
Tgt Ion: 43 Resp: 404242

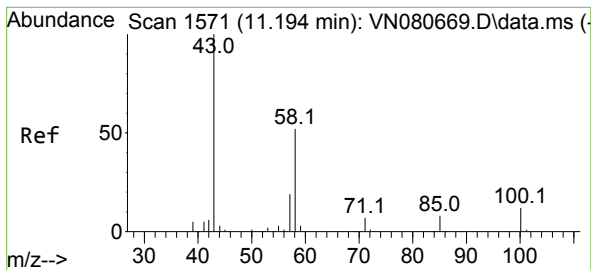
Ion Ratio Lower Upper

43 100

58 37.4 36.5 54.7

85 15.2 19.5 29.3#

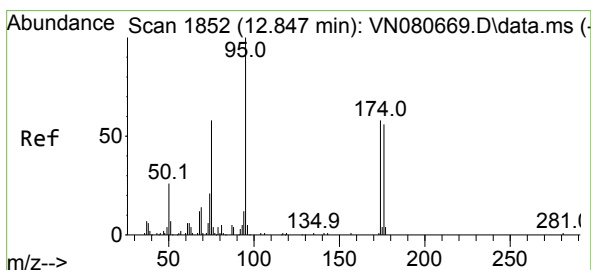
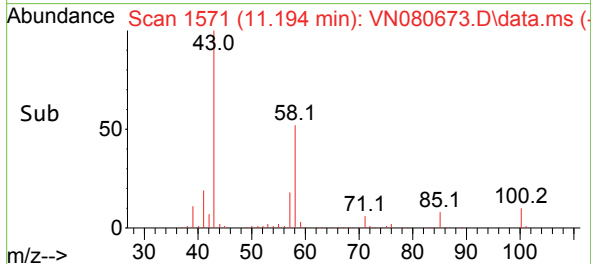
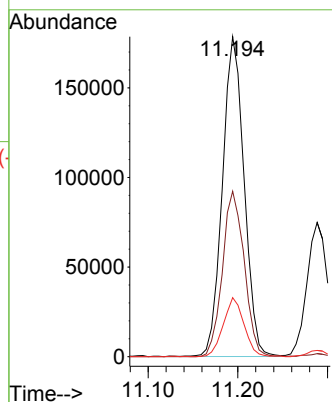
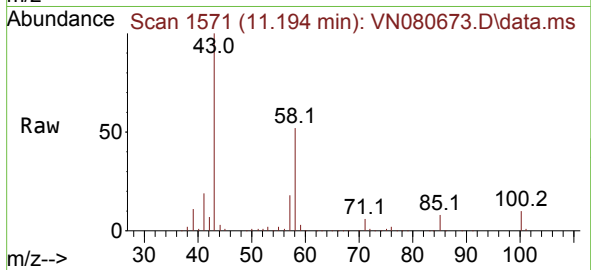




#59
2-Hexanone
Concen: 103.872 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

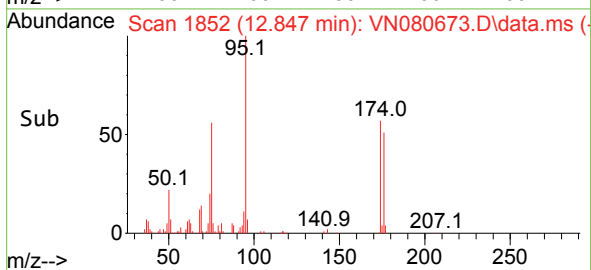
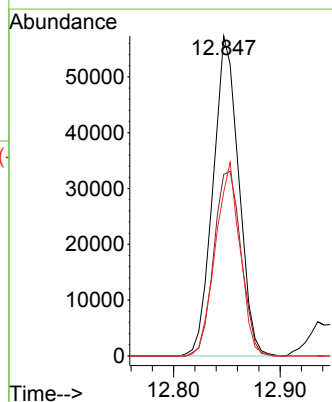
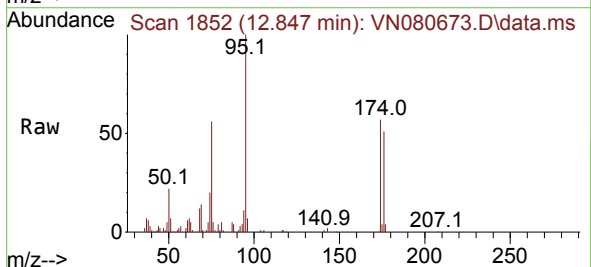
Instrument :
MSVOA_N
ClientSampleId :

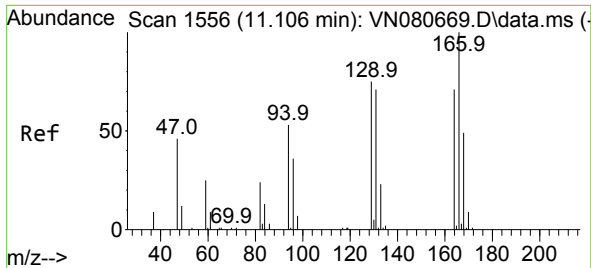
Tgt Ion: 43 Resp: 299524
Ion Ratio Lower Upper
43 100
58 52.0 50.4 75.6
57 17.7 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

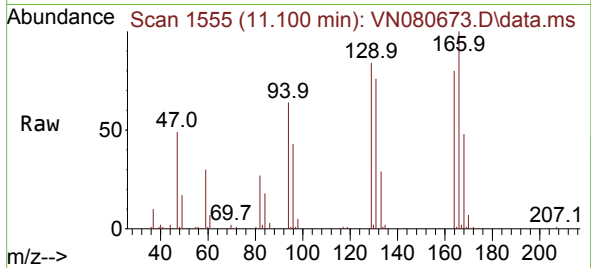
Tgt Ion: 95 Resp: 95781
Ion Ratio Lower Upper
95 100
174 61.3 60.5 90.7
176 57.9 57.8 86.6



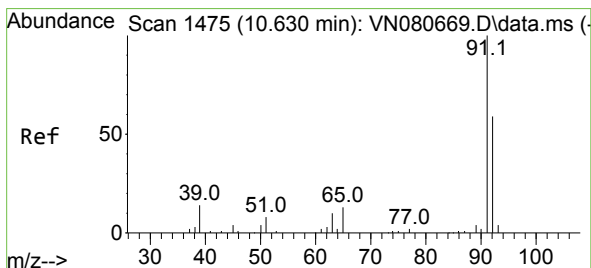
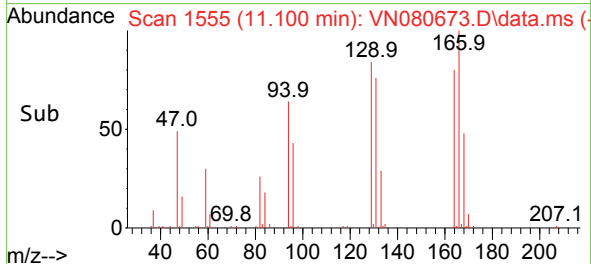
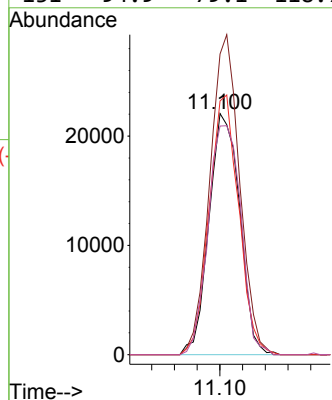


#61
Tetrachloroethene
Concen: 21.186 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

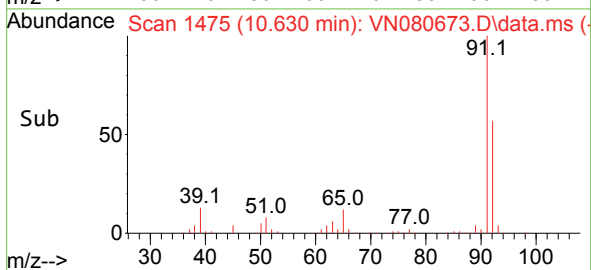
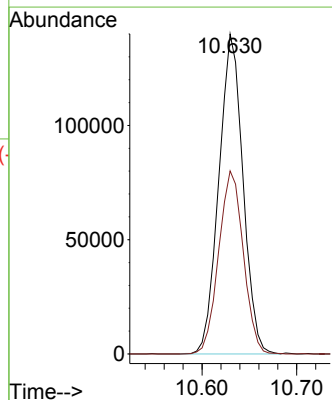
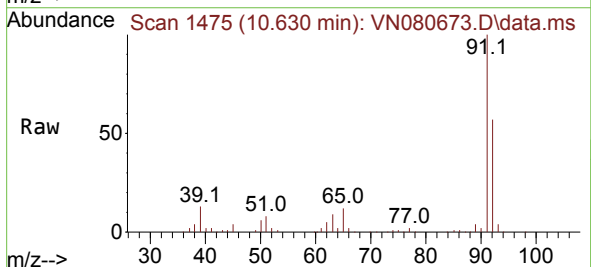


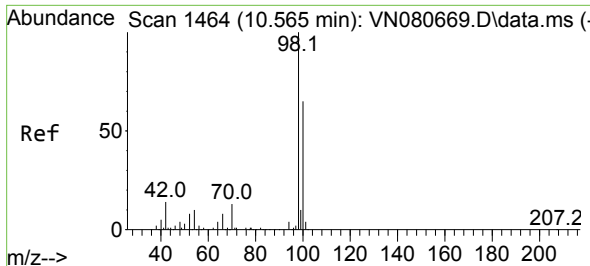
Tgt Ion:164 Resp: 41405
Ion Ratio Lower Upper
164 100
166 124.7 106.7 160.1
129 105.3 85.8 128.6
131 94.9 79.1 118.7



#62
Toluene
Concen: 20.973 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

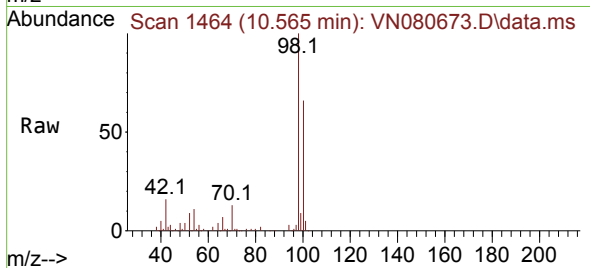
Tgt Ion: 91 Resp: 247663
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7



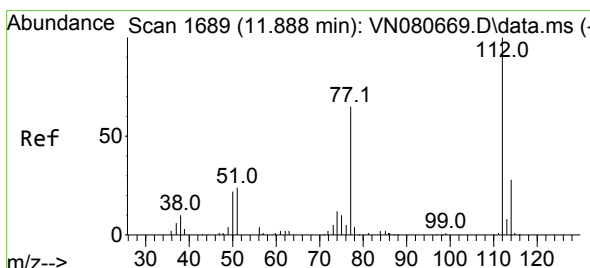
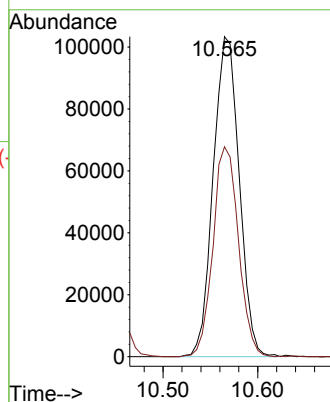
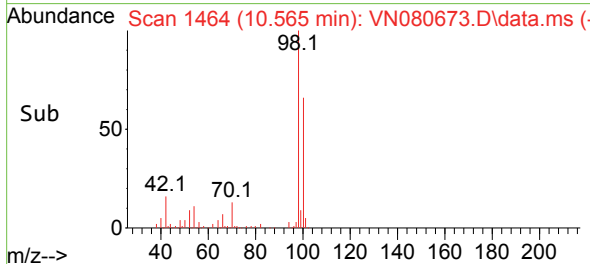


#63
Toluene-d8
Concen: 30.615 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

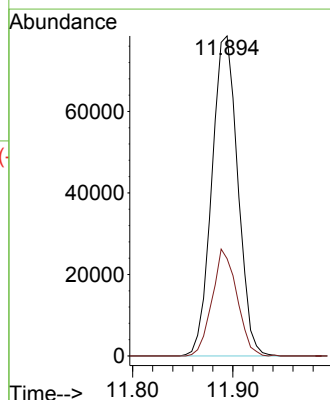
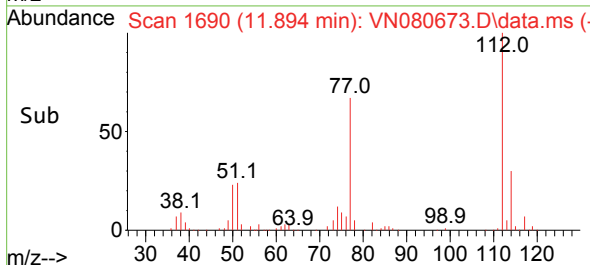
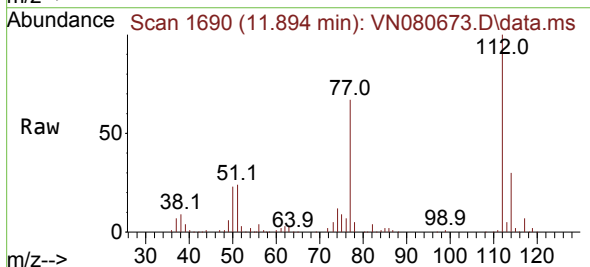


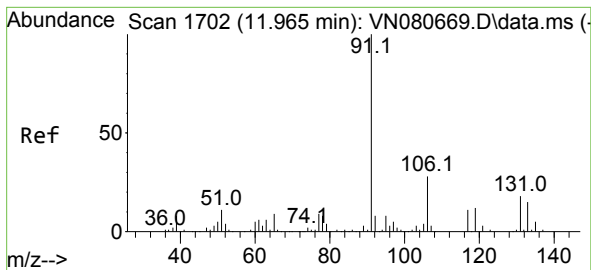
Tgt Ion: 98 Resp: 197261
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#64
Chlorobenzene
Concen: 21.469 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

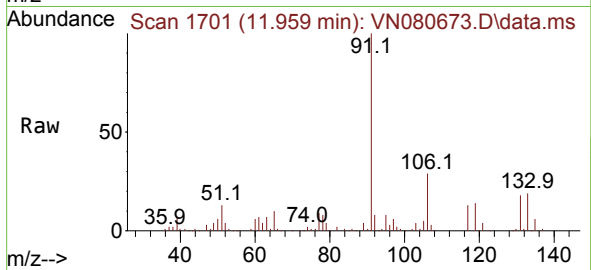
Tgt Ion: 112 Resp: 141205
Ion Ratio Lower Upper
112 100
114 30.4 26.6 39.8



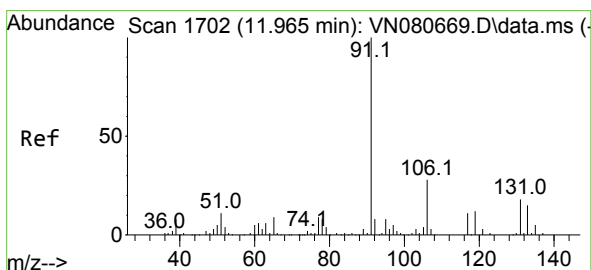
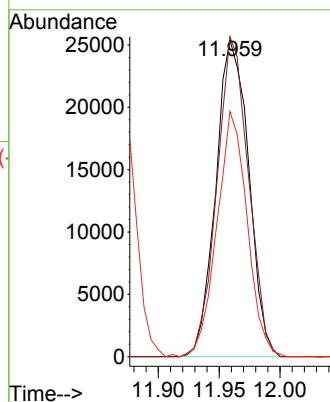
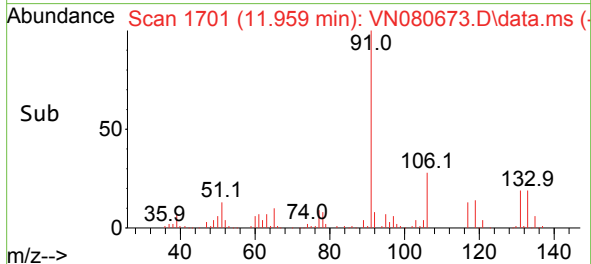


#65
1,1,1,2-Tetrachloroethane
Concen: 20.167 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

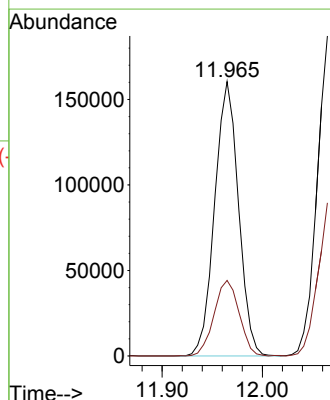
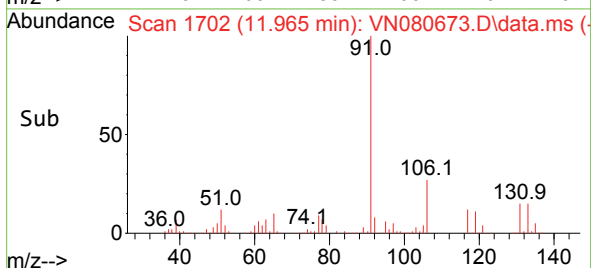
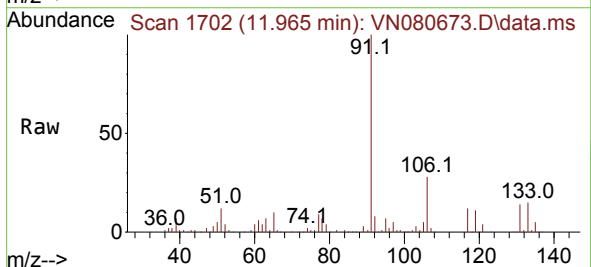


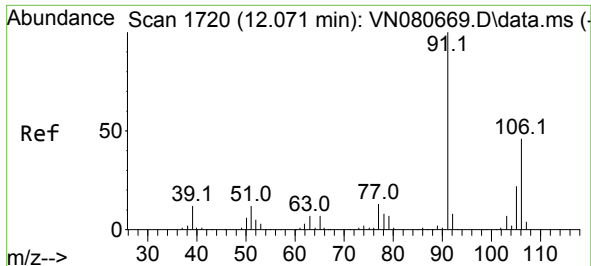
Tgt Ion:131 Resp: 47658
Ion Ratio Lower Upper
131 100
133 97.2 0.0 188.0
119 71.2 0.0 122.8



#66
Ethyl Benzene
Concen: 21.313 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 91 Resp: 264699
Ion Ratio Lower Upper
91 100
106 27.4 24.4 36.6

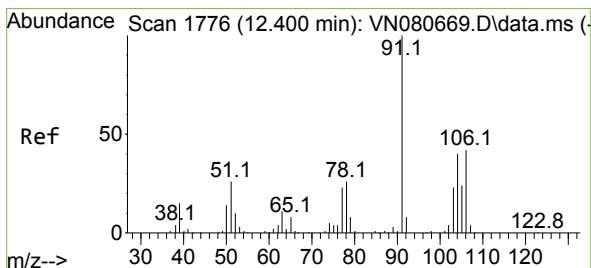
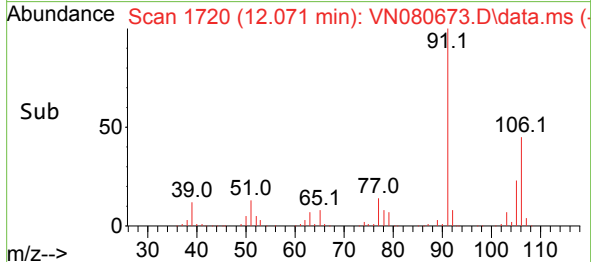
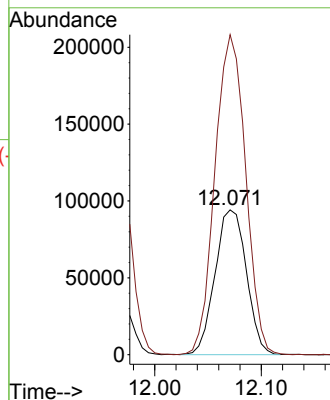
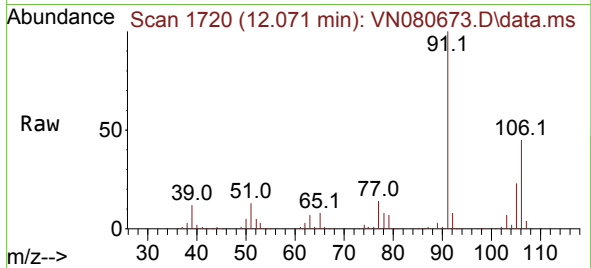




#67
m/p-Xylenes
Concen: 43.183 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

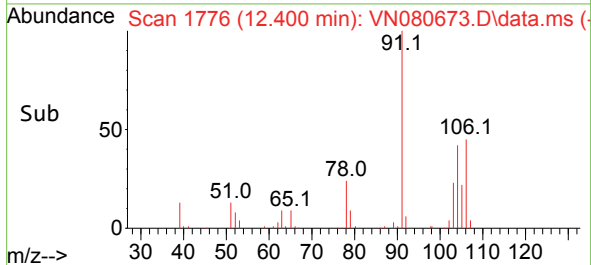
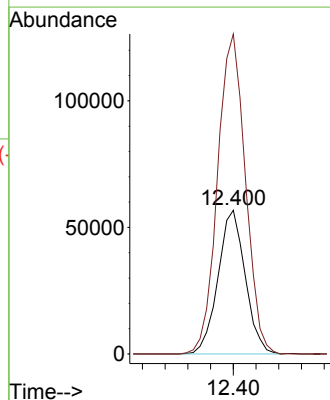
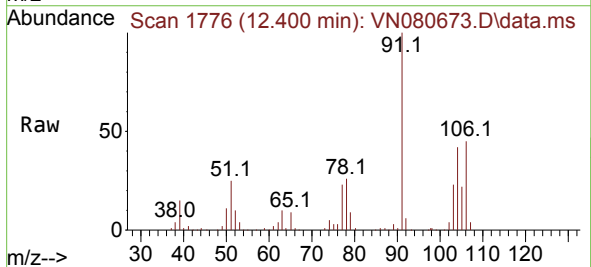
Instrument :
MSVOA_N
ClientSampleId :

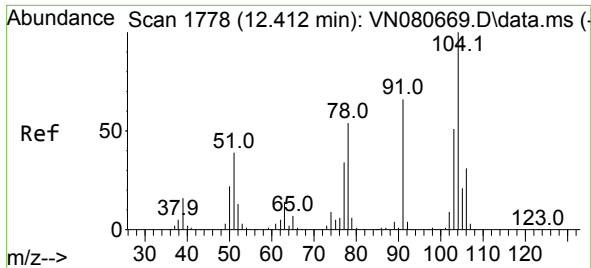
Tgt Ion:106 Resp: 192768
Ion Ratio Lower Upper
106 100
91 216.1 166.6 249.8



#68
o-Xylene
Concen: 21.202 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

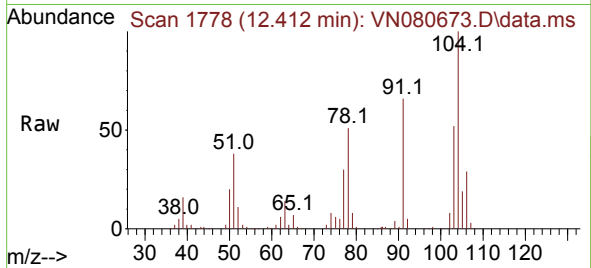
Tgt Ion:106 Resp: 94392
Ion Ratio Lower Upper
106 100
91 227.7 110.0 330.0



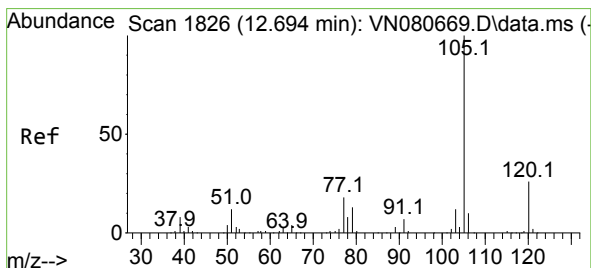
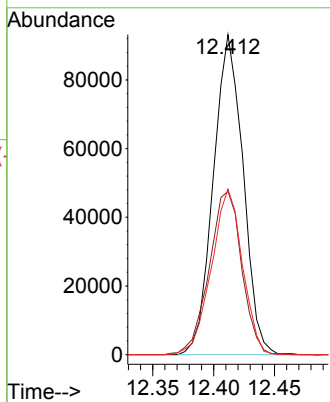
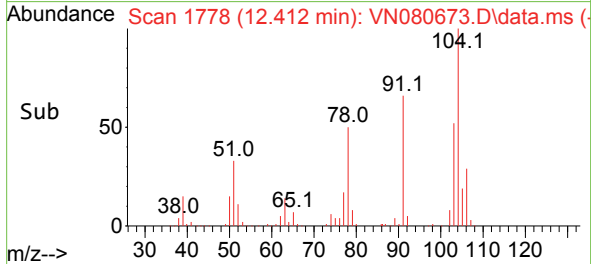


#69
Styrene
Concen: 21.147 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

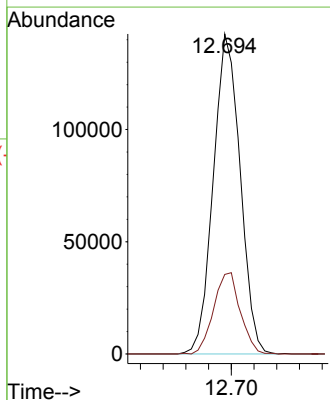
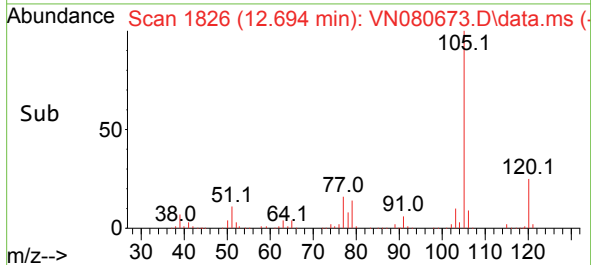
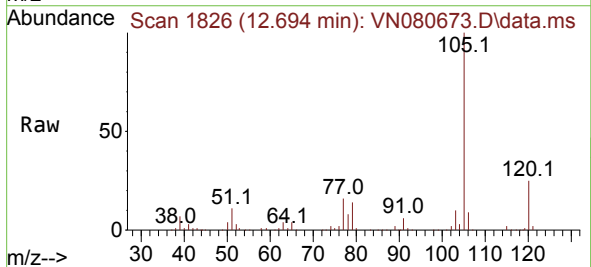


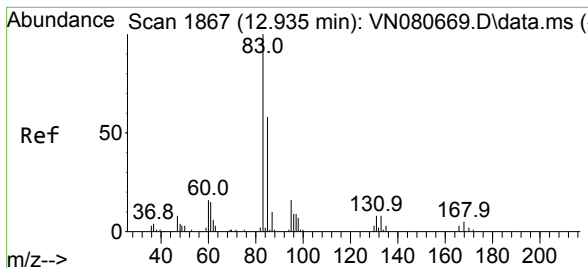
Tgt Ion:104 Resp: 158167
Ion Ratio Lower Upper
104 100
78 55.9 42.6 64.0
103 54.0 43.7 65.5



#70
Isopropylbenzene
Concen: 21.490 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion:105 Resp: 233819
Ion Ratio Lower Upper
105 100
120 25.2 17.8 33.1

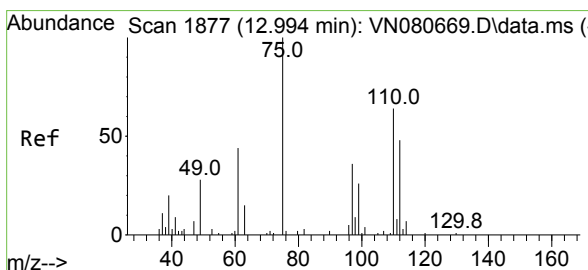
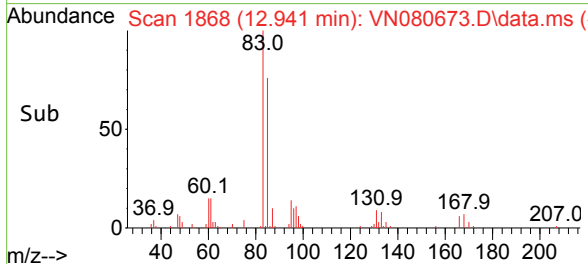
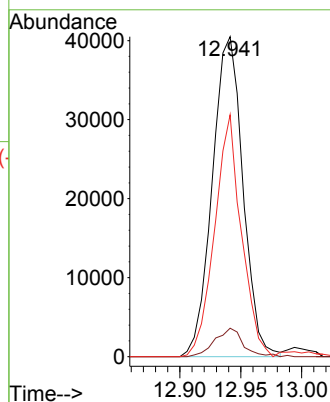
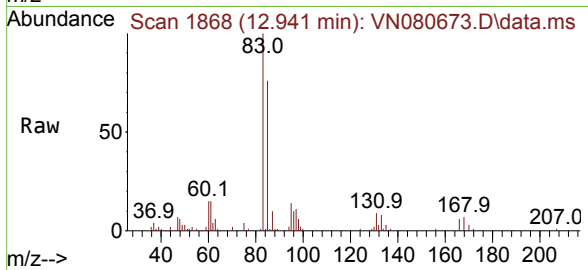




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.980 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

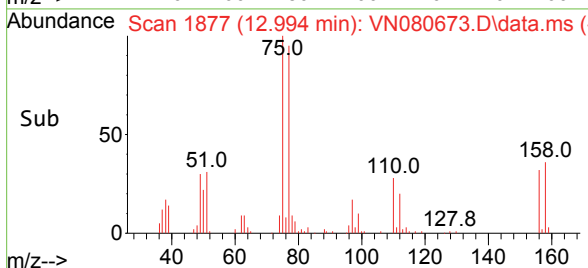
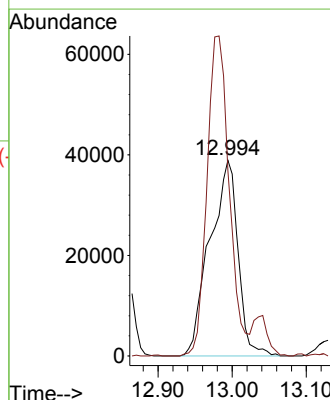
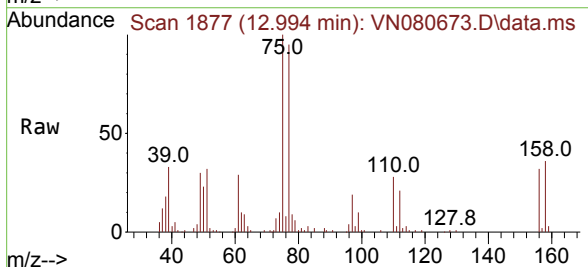
Instrument :
 MSVOA_N
 ClientSampleId :

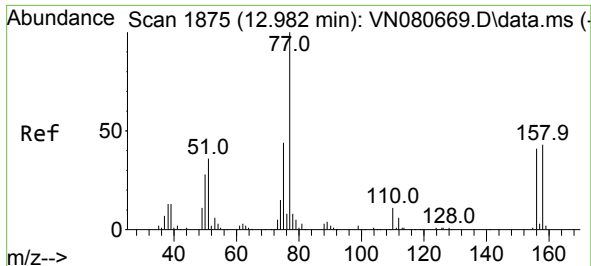
Tgt Ion: 83 Resp: 70958
 Ion Ratio Lower Upper
 83 100
 131 8.0 5.2 15.6
 85 65.8 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 30.466 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

Tgt Ion: 75 Resp: 102548
 Ion Ratio Lower Upper
 75 100
 77 129.7 0.0 367.6

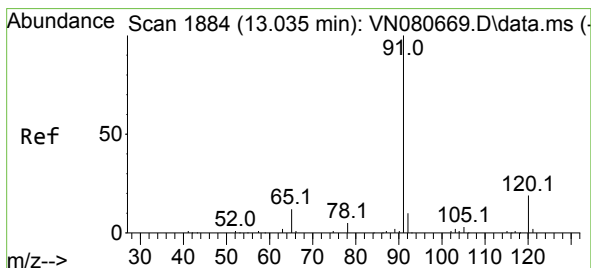
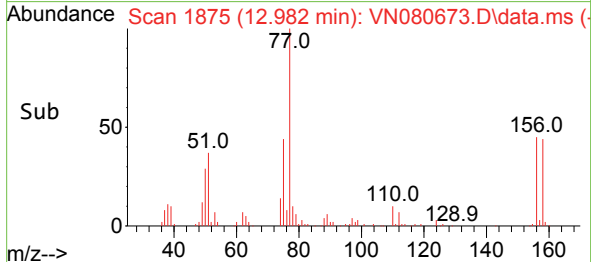
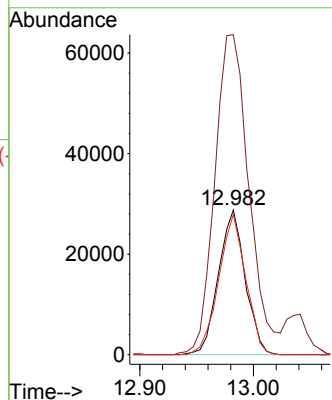
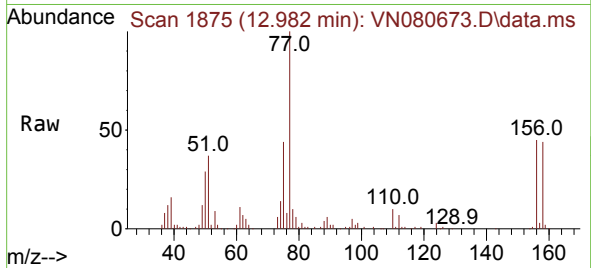




#73
Bromobenzene
Concen: 20.343 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

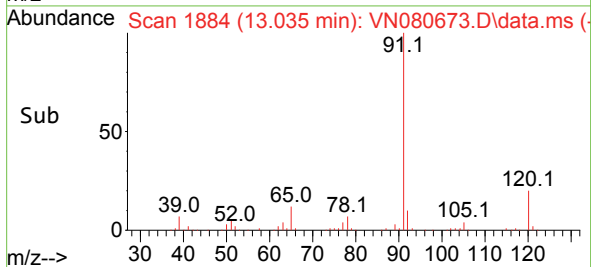
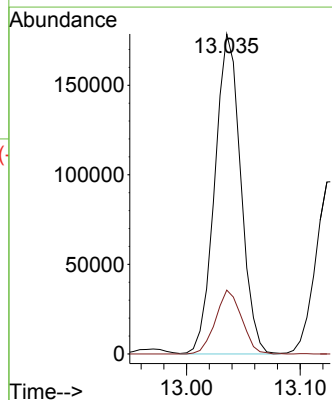
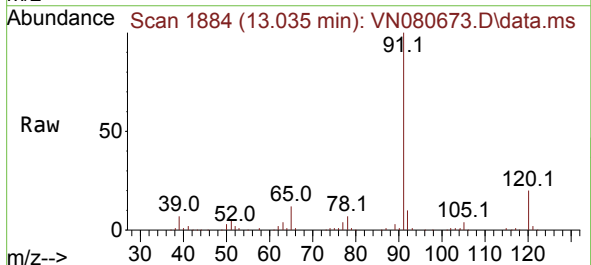
Instrument :
MSVOA_N
ClientSampleId :

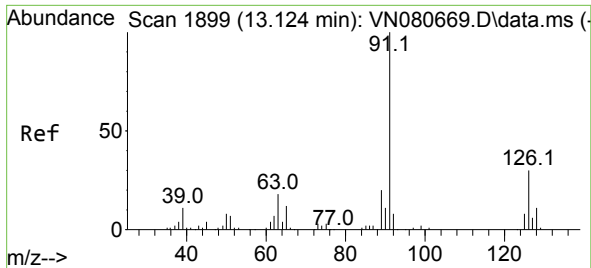
Tgt Ion:156 Resp: 47181
Ion Ratio Lower Upper
156 100
77 282.0 0.0 437.6
158 97.7 0.0 203.8



#74
n-propylbenzene
Concen: 21.635 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 91 Resp: 283898
Ion Ratio Lower Upper
91 100
120 19.9 0.0 43.8

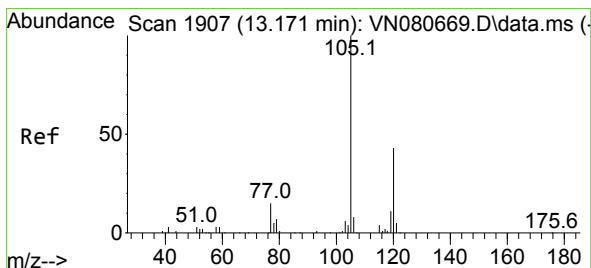
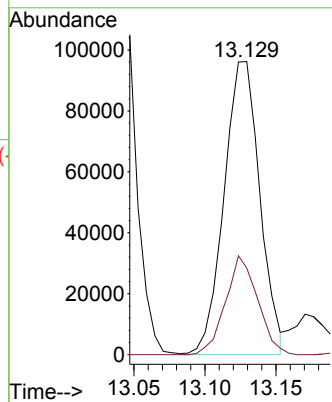
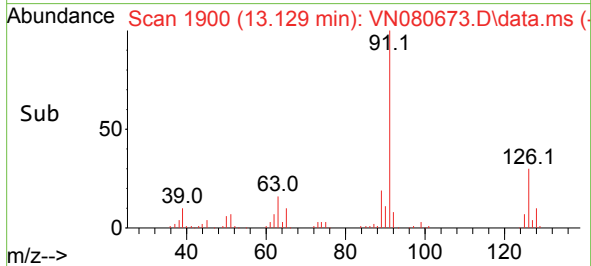
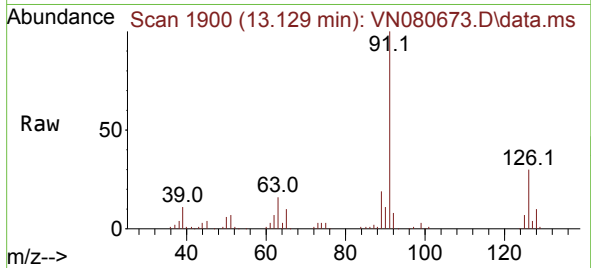




#75
2-Chlorotoluene
Concen: 20.441 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.005 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

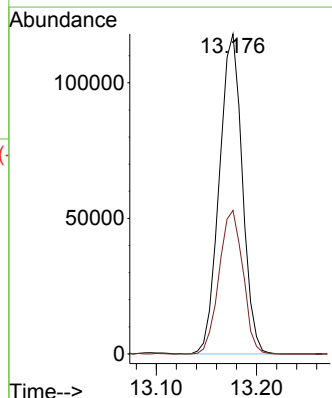
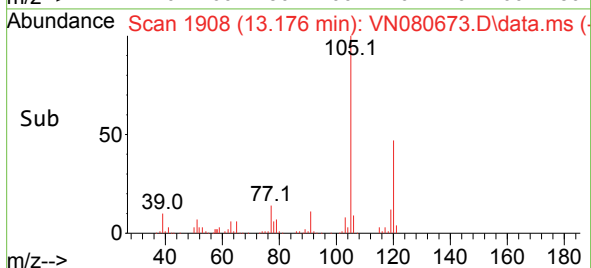
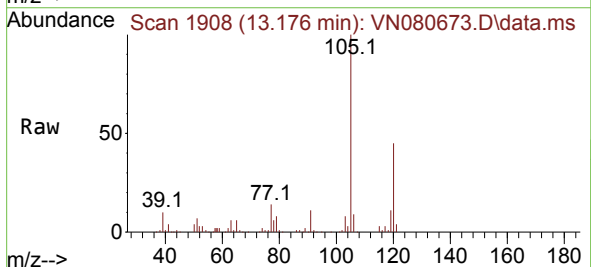
Instrument :
MSVOA_N
ClientSampleId :

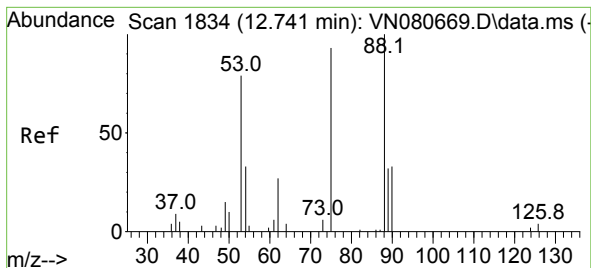
Tgt Ion: 91 Resp: 168683
Ion Ratio Lower Upper
91 100
126 30.3 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 20.741 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion:105 Resp: 187829
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8

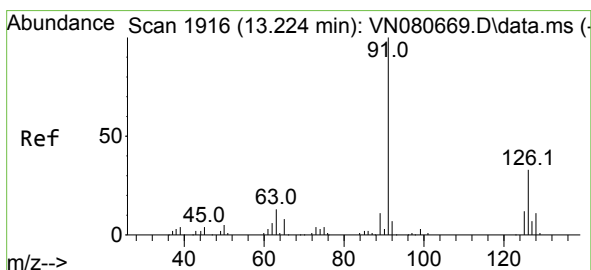
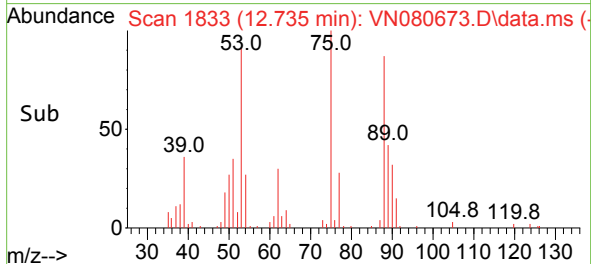
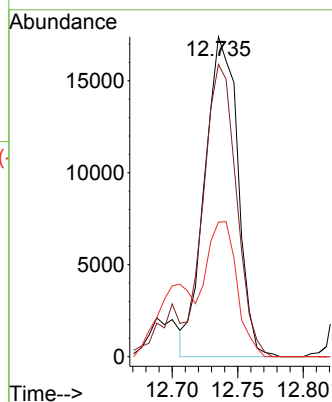
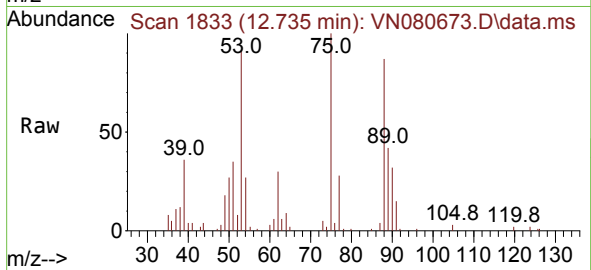




#77
t-1,4-Dichloro-2-butene
Concen: 22.051 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

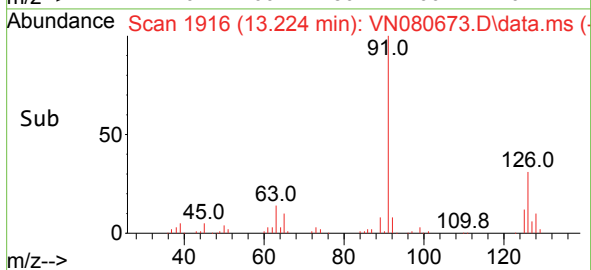
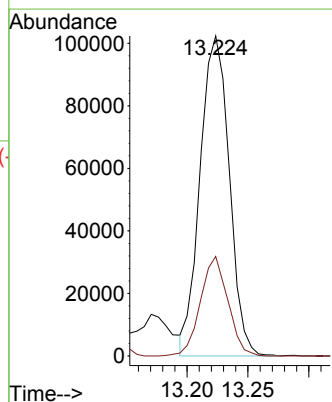
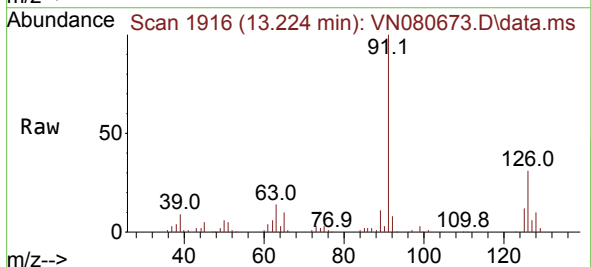
Instrument :
MSVOA_N
ClientSampleId :

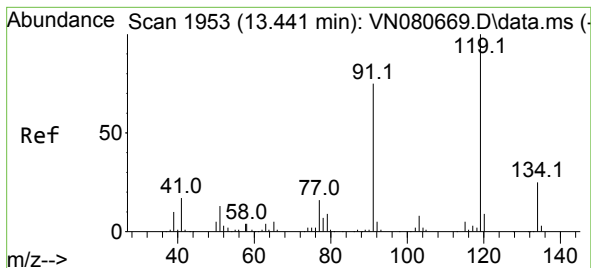
Tgt Ion: 75 Resp: 30428
Ion Ratio Lower Upper
75 100
53 91.3 45.9 137.7
89 42.1 25.9 77.7



#78
4-Chlorotoluene
Concen: 20.670 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

Tgt Ion: 91 Resp: 170503
Ion Ratio Lower Upper
91 100
126 29.2 0.0 62.8





#79

tert-butylbenzene

Concen: 21.694 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

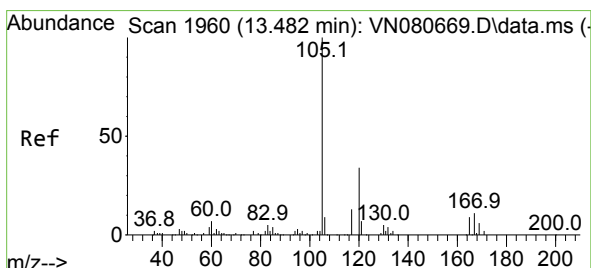
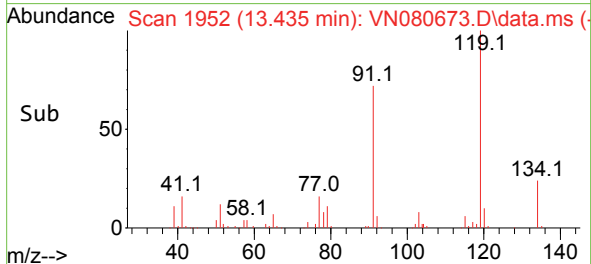
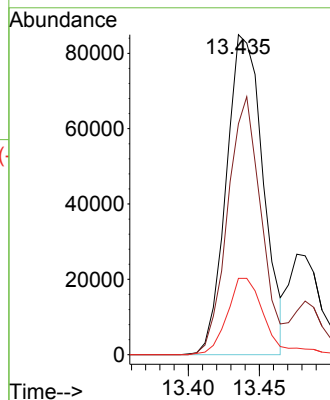
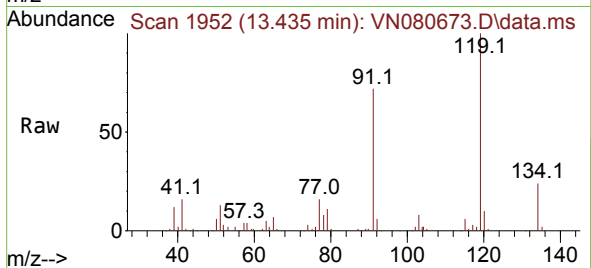
Tgt Ion:119 Resp: 153350

Ion Ratio Lower Upper

119 100

91 73.1 0.0 138.8

134 23.1 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 21.499 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080673.D

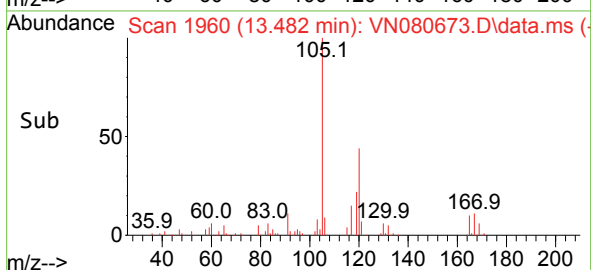
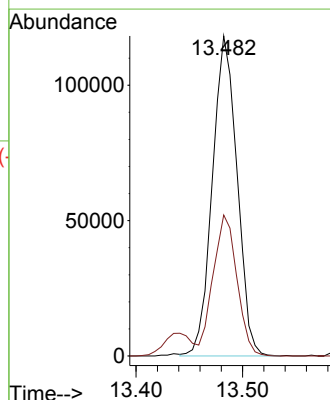
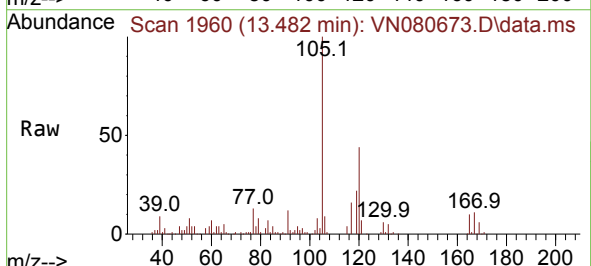
Acq: 11 Jan 2024 13:31

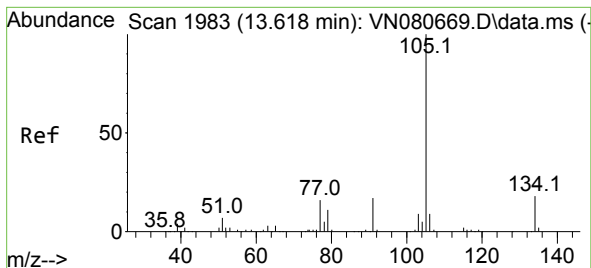
Tgt Ion:105 Resp: 190478

Ion Ratio Lower Upper

105 100

120 42.4 0.0 86.8





#81

sec-Butylbenzene

Concen: 21.684 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

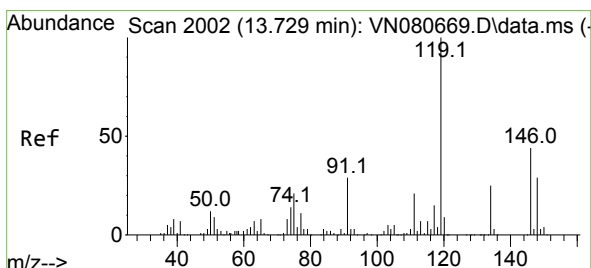
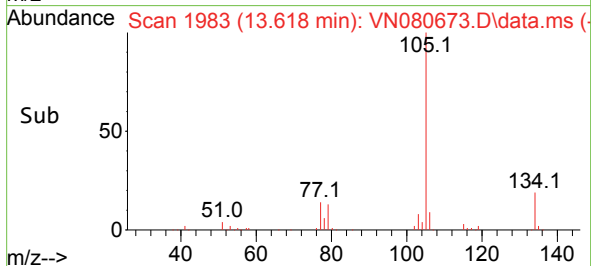
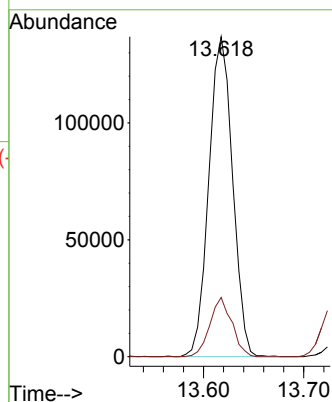
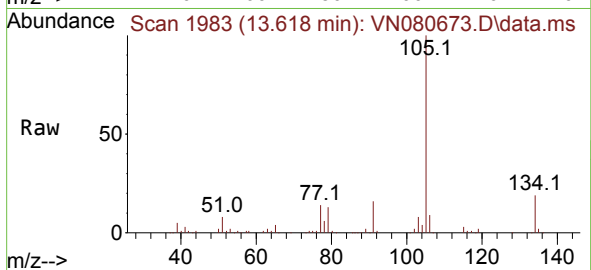
ClientSampleId :

Tgt Ion:105 Resp: 225642

Ion Ratio Lower Upper

105 100

134 17.2 0.0 39.0



#82

p-Isopropyltoluene

Concen: 22.332 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

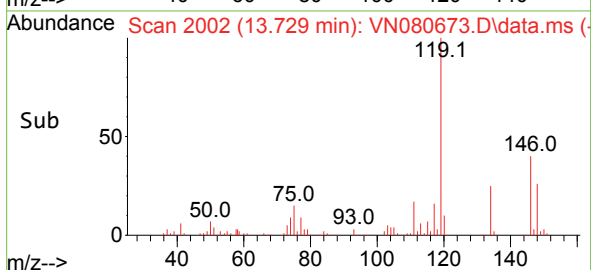
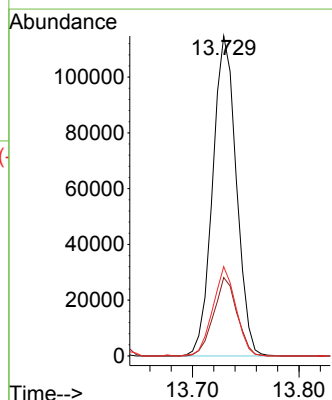
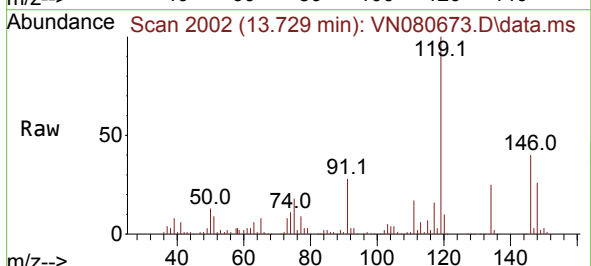
Tgt Ion:119 Resp: 177222

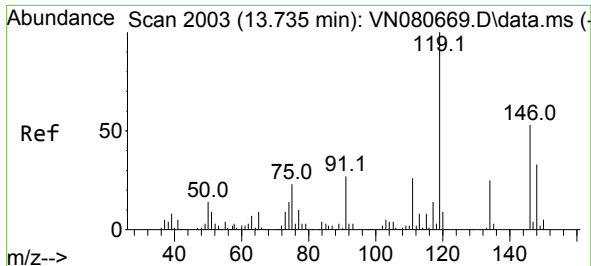
Ion Ratio Lower Upper

119 100

134 24.3 0.0 49.2

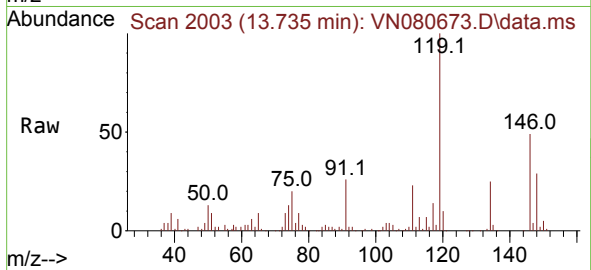
91 27.1 0.0 48.8



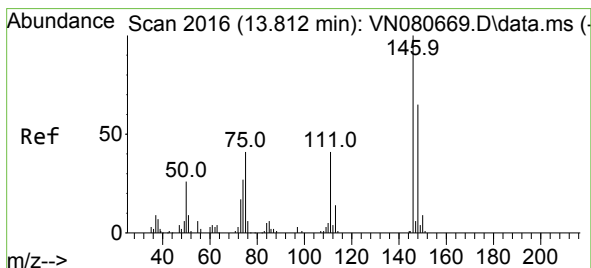
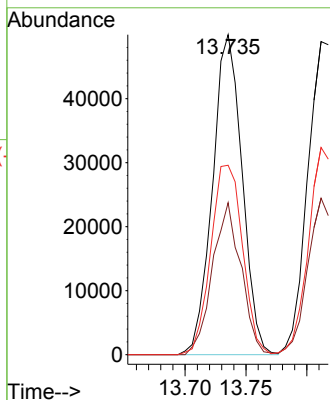
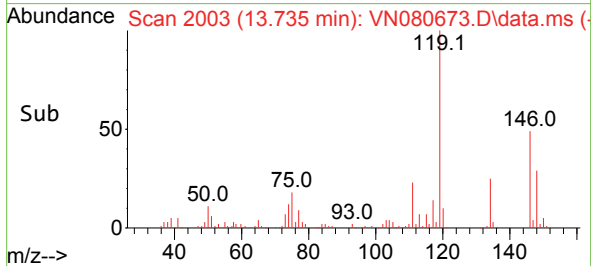


#83
 1,3-Dichlorobenzene
 Concen: 21.013 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31

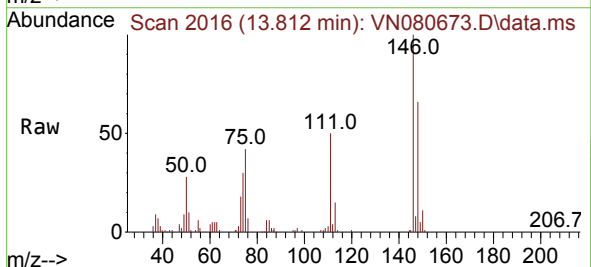
Instrument :
 MSVOA_N
 ClientSampleId :



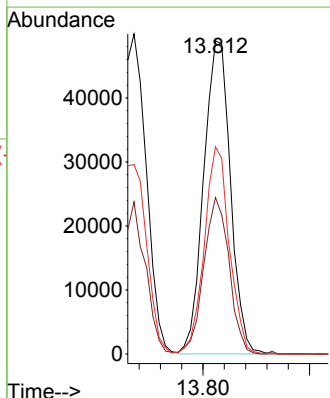
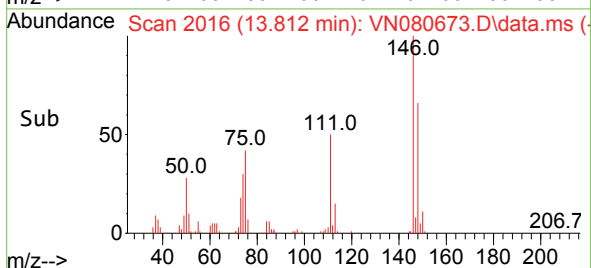
Tgt Ion:146 Resp: 84546
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.4 67.0
 148 63.6 32.1 96.5

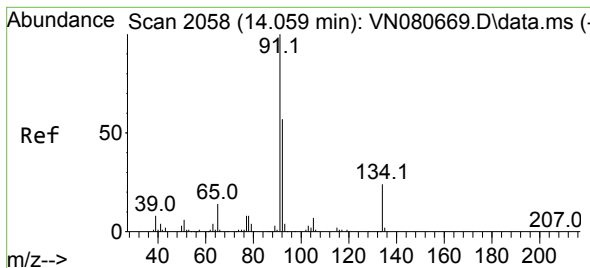


#84
 1,4-Dichlorobenzene
 Concen: 21.069 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080673.D
 Acq: 11 Jan 2024 13:31



Tgt Ion:146 Resp: 85357
 Ion Ratio Lower Upper
 146 100
 111 47.3 21.3 63.9
 148 62.0 31.9 95.5





#85

n-Butylbenzene

Concen: 21.529 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

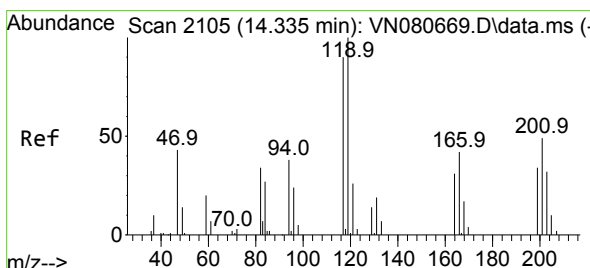
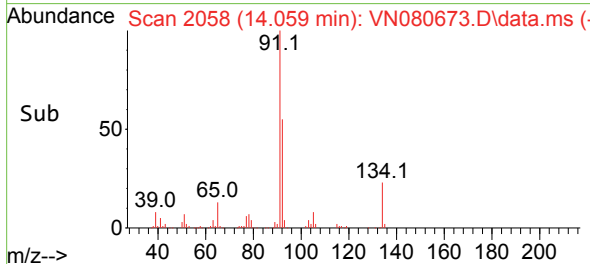
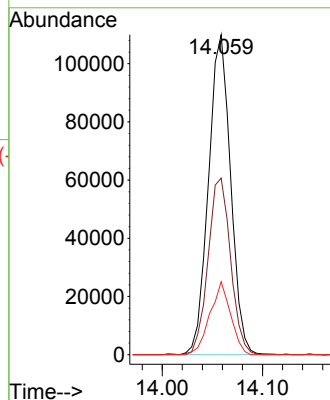
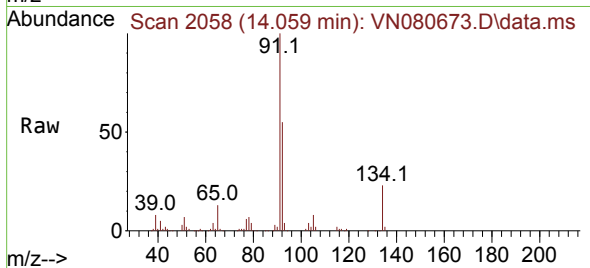
Tgt Ion: 91 Resp: 168801

Ion Ratio Lower Upper

91 100

92 56.1 0.0 105.0

134 21.4 0.0 51.8



#86

Hexachloroethane

Concen: 19.488 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080673.D

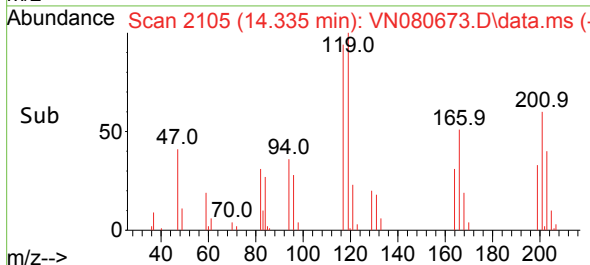
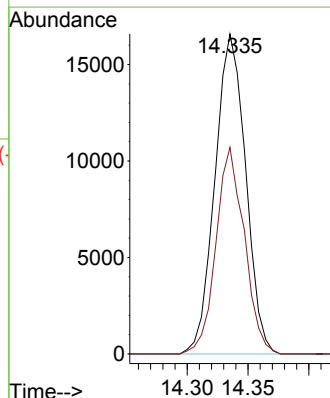
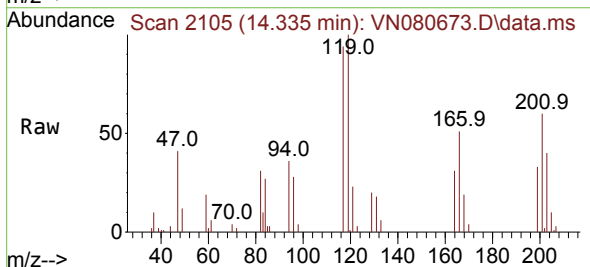
Acq: 11 Jan 2024 13:31

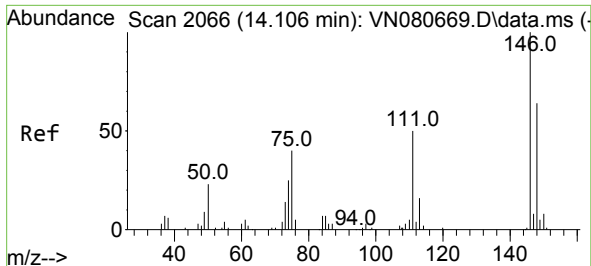
Tgt Ion: 117 Resp: 29081

Ion Ratio Lower Upper

117 100

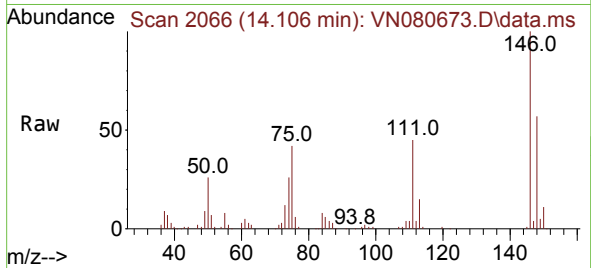
201 59.7 38.0 114.0



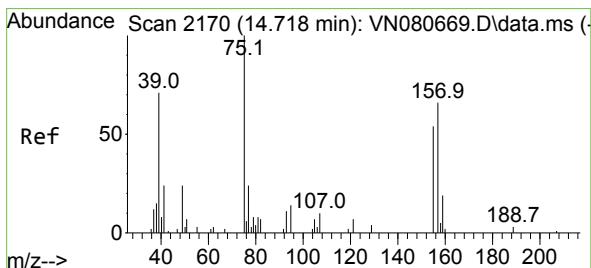
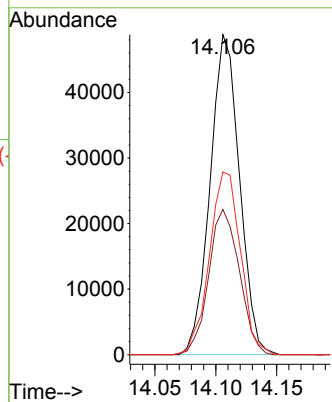
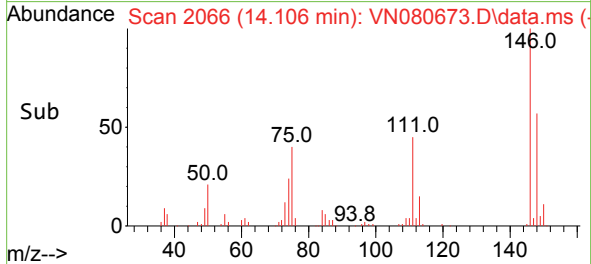


#87
1,2-Dichlorobenzene
Concen: 20.792 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31

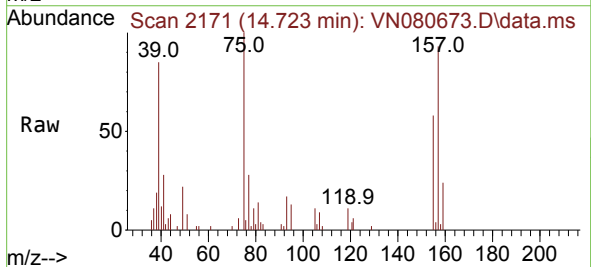
Instrument :
MSVOA_N
ClientSampleId :



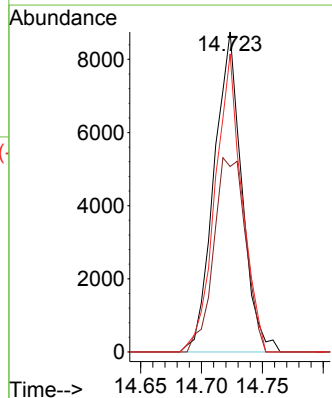
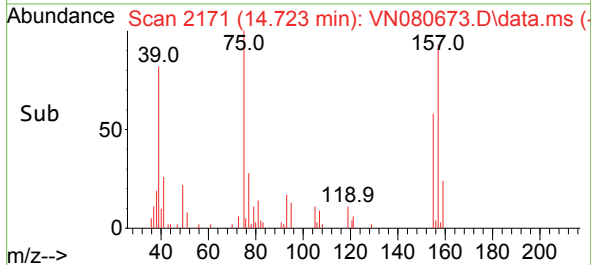
Tgt Ion:146 Resp: 82063
Ion Ratio Lower Upper
146 100
111 47.5 22.6 67.8
148 60.4 31.3 93.8

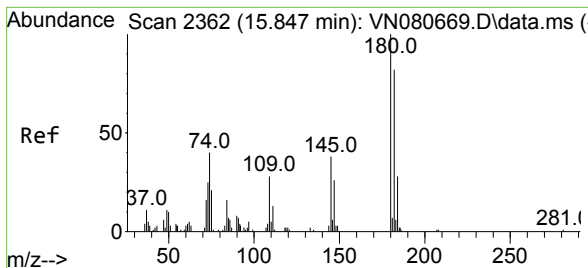


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.729 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.005 min
Lab File: VN080673.D
Acq: 11 Jan 2024 13:31



Tgt Ion: 75 Resp: 13849
Ion Ratio Lower Upper
75 100
155 70.0 61.7 92.5
157 90.2 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

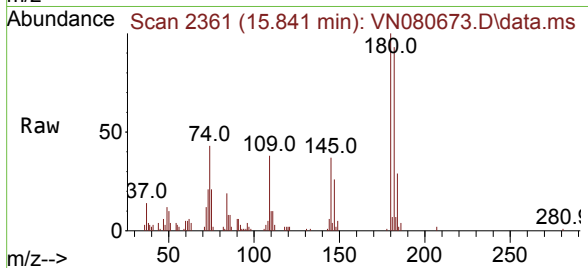
Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :



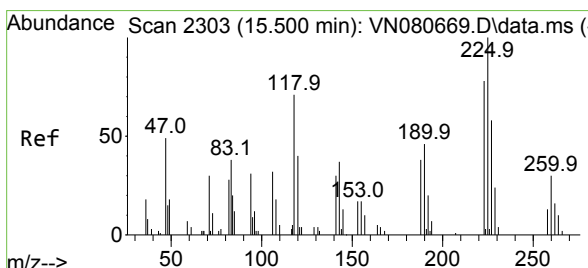
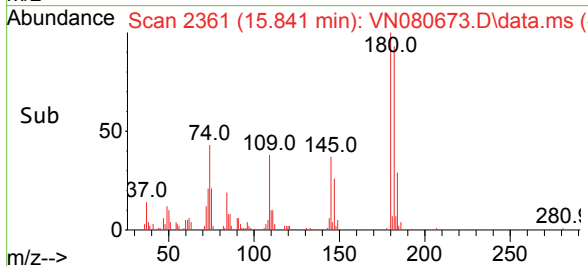
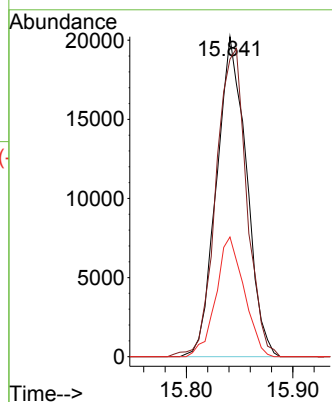
Tgt Ion:180 Resp: 39424

Ion Ratio Lower Upper

180 100

182 98.6 76.4 114.6

145 35.3 28.4 42.6



#90

Hexachlorobutadiene

Concen: 20.812 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

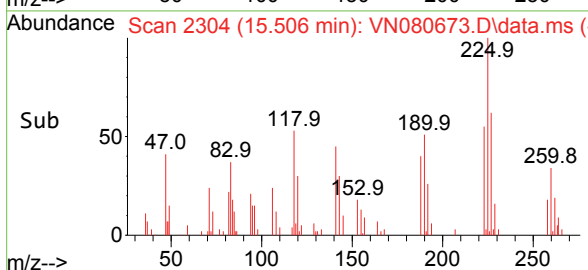
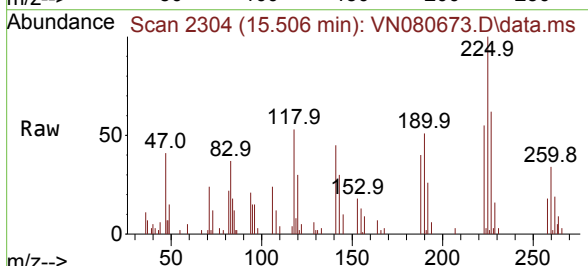
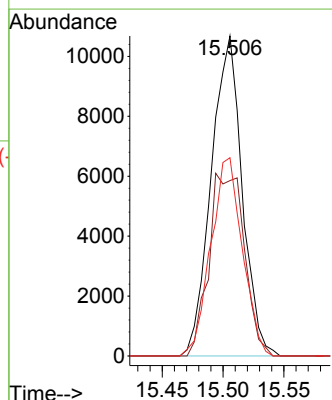
Tgt Ion:225 Resp: 18877

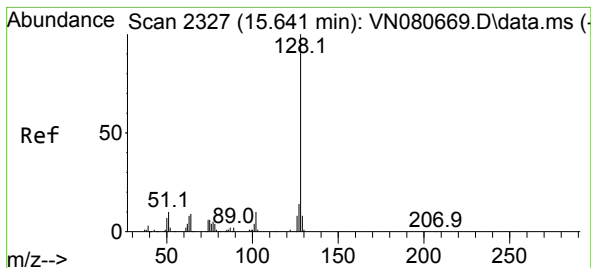
Ion Ratio Lower Upper

225 100

223 31.4 0.0 126.6

227 63.2 0.0 126.6





#91

Naphthalene

Concen: 19.557 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

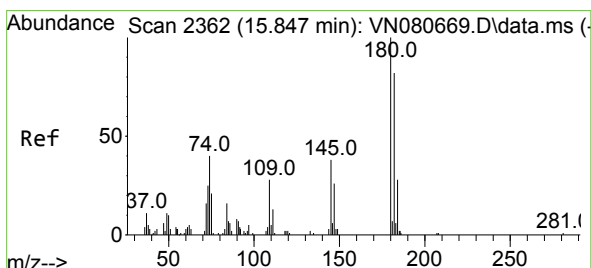
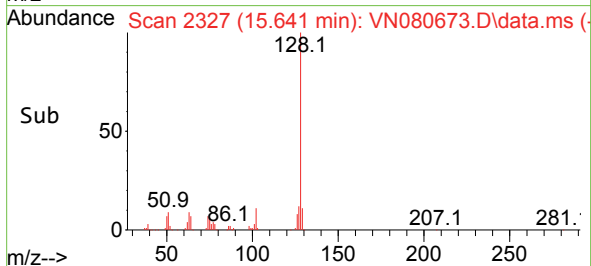
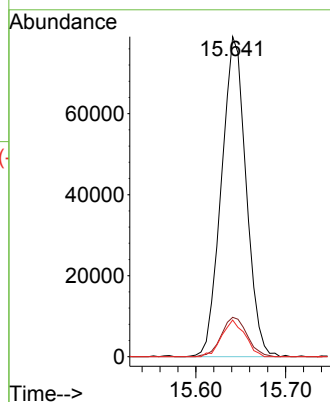
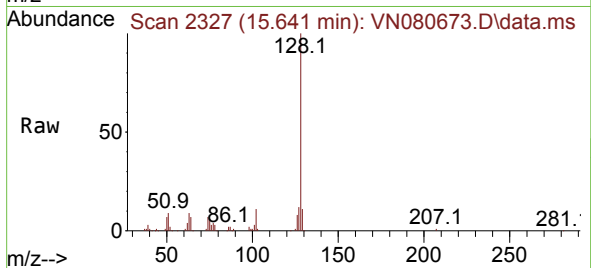
Tgt Ion:128 Resp: 150932

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN080673.D

Acq: 11 Jan 2024 13:31

Tgt Ion:180 Resp: 39424

Ion Ratio Lower Upper

180 100

182 98.6 0.0 191.0

145 35.3 0.0 71.0

