

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080669.D
 Acq On : 11 Jan 2024 11:16
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 04:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	14265	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129038	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	148158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75530	32.788	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.300%
60) 4-Bromofluorobenzene	12.847	95	96985	29.591	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.633%
63) Toluene-d8	10.565	98	193656	29.783	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48411	19.968	ug/l	96
3) Chloromethane	2.360	50	63703	19.289	ug/l	100
4) Vinyl Chloride	2.512	62	49477	19.694	ug/l #	89
5) Bromomethane	2.965	94	18489	20.043	ug/l	92
6) Chloroethane	3.130	64	27482	20.234	ug/l	97
7) Trichlorofluoromethane	3.501	101	74771	19.922	ug/l	99
8) Diethyl Ether	3.959	74	35620	21.585	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.377	101	43808	20.255	ug/l	77
10) 1,1-Dichloroethene	4.342	96	47014	20.196	ug/l	91
11) Methyl Iodide	4.583	142	39274	19.820	ug/l	91
12) Methyl Acetate	5.018	43	55478	20.184	ug/l	89
13) Acrolein	4.171	56	35803	97.760	ug/l	91
14) Acrylonitrile	5.718	53	125284	101.152	ug/l	98
15) Acetone	4.418	58	15274	54.386	ug/l	73
16) Carbon Disulfide	4.706	76	144903	20.133	ug/l	97
17) Allyl chloride	5.024	41	93676	19.758	ug/l	80
18) Methylene Chloride	5.271	84	55246	20.464	ug/l	89
19) trans-1,2-Dichloroethene	5.783	96	51135	20.935	ug/l	94
20) Diisopropyl ether	6.671	45	193638	20.304	ug/l	95
21) 1,1-Dichloroethane	6.565	63	107654	20.772	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	57709	20.187	ug/l #	84
23) tert-Butyl Alcohol	5.500	59	25218	59.022	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	174194	20.734	ug/l	95
25) Chloroform	7.965	83	96871	20.076	ug/l	99
26) Cyclohexane	8.253	56	82283	20.190	ug/l	92
29) 1,1-Dichloropropene	8.371	75	73717	18.793	ug/l	97
30) 2-Butanone	7.477	43	173398	99.900	ug/l	92
31) 2,2-Dichloropropane	7.494	77	89369	18.966	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	80487	18.648	ug/l #	92
33) Carbon Tetrachloride	8.359	117	63646	18.671	ug/l	96
34) Benzene	8.606	78	223998	19.253	ug/l	96
35) Methacrylonitrile	7.777	41	42775	19.639	ug/l	89
36) 1,2-Dichloroethane	8.671	62	82286	19.234	ug/l #	93
37) Trichloroethene	9.353	130	47035	18.537	ug/l	85
38) Methylcyclohexane	9.600	83	72899	19.077	ug/l	91
39) 1,2-Dichloropropane	9.624	63	59143	18.860	ug/l	99
40) Dibromomethane	9.706	93	36048	19.320	ug/l	86
41) Bromodichloromethane	9.888	83	78108	19.129	ug/l	96
42) Vinyl Acetate	6.600	43	792135	98.191	ug/l #	93

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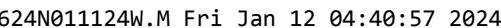
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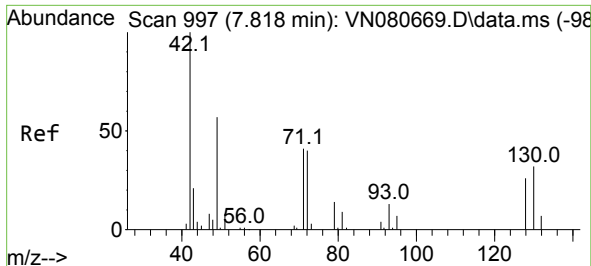
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	77083	21.149	ug/l	99
44) Isopropyl Acetate	8.688	43	133937	19.251	ug/l	92
45) 1,4-Dioxane	9.694	88	17054	430.986	ug/l #	87
46) Methyl methacrylate	9.677	41	63206	19.293	ug/l	78
48) t-1,3-Dichloropropene	10.835	75	91373	18.992	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	96778	18.952	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	50351	19.650	ug/l	93
51) Ethyl methacrylate	10.877	69	85871	19.386	ug/l	75
52) 1,3-Dichloropropane	11.165	76	94918	19.676	ug/l	97
53) Dibromochloromethane	11.359	129	50108	19.541	ug/l	96
54) 1,2-Dibromoethane	11.471	107	48540	19.271	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	231731	101.780	ug/l	95
56) Bromoform	12.582	173	28764	18.990	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	375373	96.313	ug/l #	85
59) 2-Hexanone	11.194	43	276154	94.900	ug/l	87
61) Tetrachloroethene	11.106	164	36871	18.695	ug/l	96
62) Toluene	10.630	91	221037	18.549	ug/l	98
64) Chlorobenzene	11.888	112	122962	18.526	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.965	131	43304	18.159	ug/l	95
66) Ethyl Benzene	11.965	91	230430	18.385	ug/l	95
67) m/p-Xylenes	12.071	106	170261	37.796	ug/l	98
68) o-Xylene	12.400	106	82357	18.332	ug/l	91
69) Styrene	12.412	104	141317	18.723	ug/l	96
70) Isopropylbenzene	12.694	105	205683	18.732	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	68396	19.084	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	90678	25.752	ug/l	65
73) Bromobenzene	12.982	156	43885	18.751	ug/l	73
74) n-propylbenzene	13.035	91	246455	18.611	ug/l	96
75) 2-Chlorotoluene	13.124	91	151095	18.144	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	167787	18.360	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	25647	18.418	ug/l	95
78) 4-Chlorotoluene	13.224	91	149076	17.909	ug/l	97
79) tert-butylbenzene	13.441	119	132422	18.564	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	172195	19.259	ug/l	98
81) sec-Butylbenzene	13.618	105	192554	18.337	ug/l	98
82) p-Isopropyltoluene	13.729	119	150120	18.746	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	75959	18.708	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	75906	18.567	ug/l	99
85) n-Butylbenzene	14.059	91	142849	18.054	ug/l	96
86) Hexachloroethane	14.335	117	24907	16.539	ug/l	80
87) 1,2-Dichlorobenzene	14.106	146	74168	18.621	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	14725	19.733	ug/l #	76
89) 1,2,4-Trichlorobenzene	15.847	180	38064	19.053	ug/l	97
90) Hexachlorobutadiene	15.500	225	16224	17.725	ug/l	94
91) Naphthalene	15.641	128	150444	19.317	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.847	180	38064	19.053	ug/l	97

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

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QLast Update : Fri Jan 12 04:36:53 2024
Response via : Initial Calibration

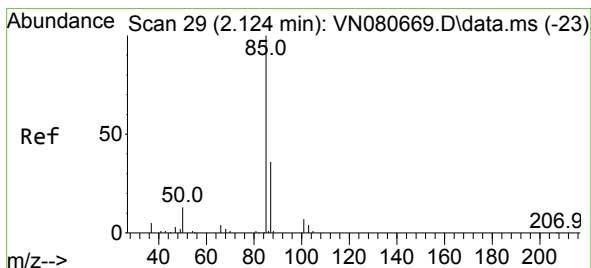
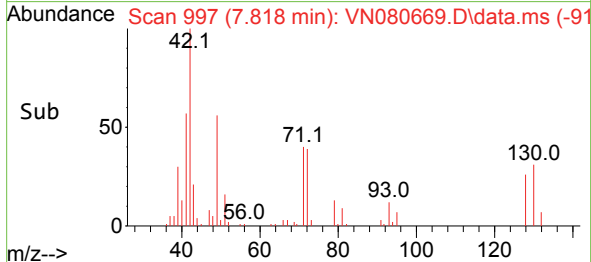
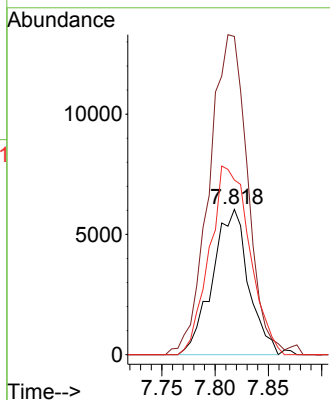
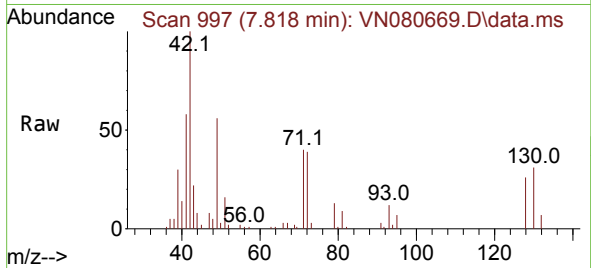




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

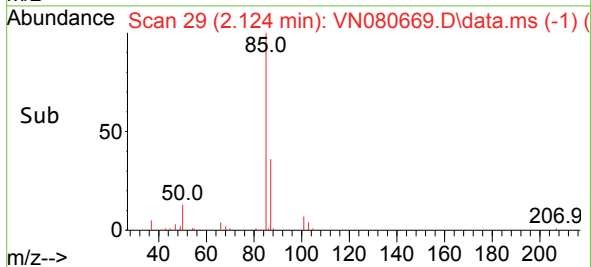
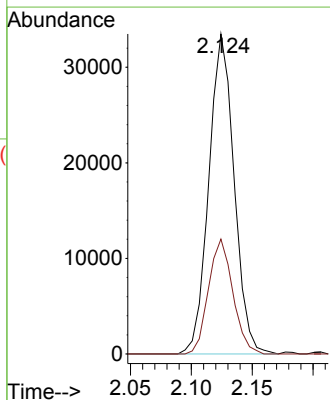
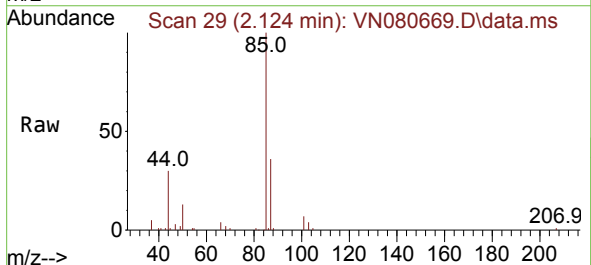
Instrument :
MSVOA_N
ClientSampleId :

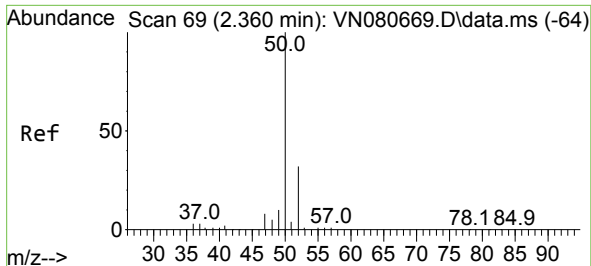
Tgt Ion:128 Resp: 14265
Ion Ratio Lower Upper
128 100
49 234.0 0.0 403.7
130 144.1 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.968 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

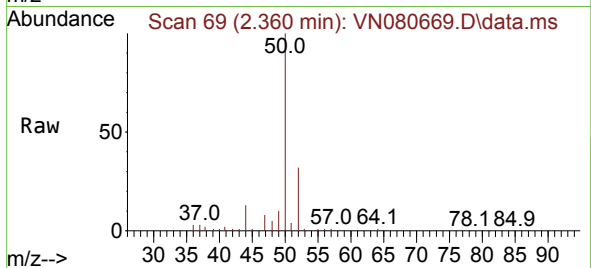
Tgt Ion: 85 Resp: 48411
Ion Ratio Lower Upper
85 100
87 35.9 16.8 50.3



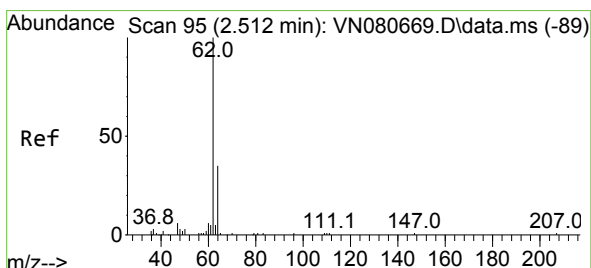
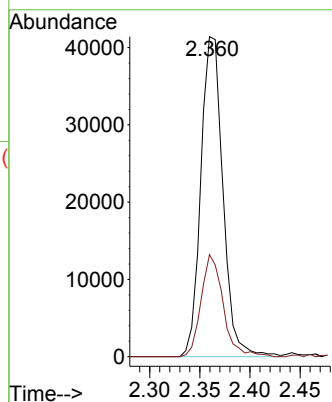
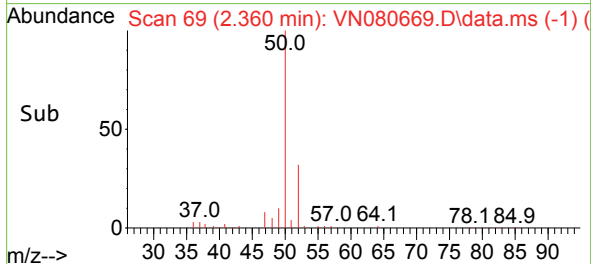


#3
Chloromethane
Concen: 19.289 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Instrument :
MSVOA_N
ClientSampleId :

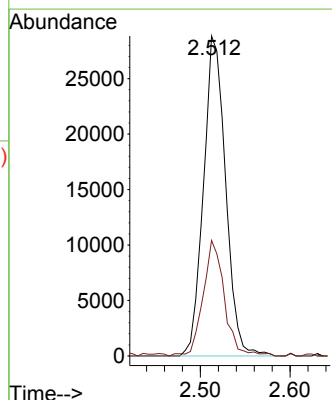
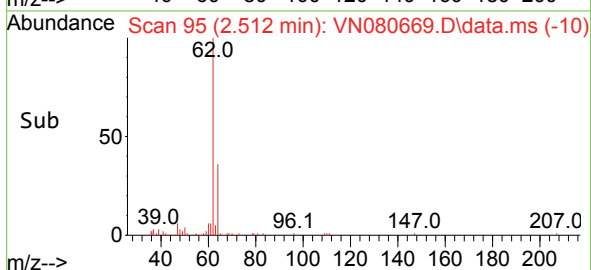
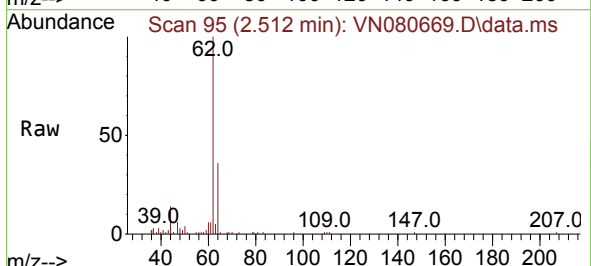


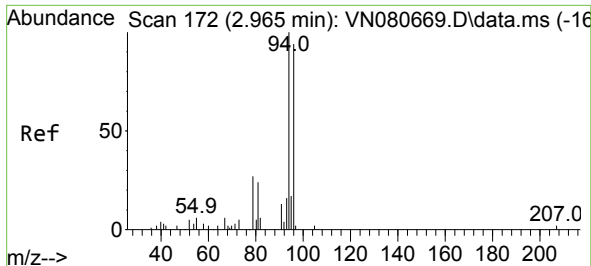
Tgt Ion: 50 Resp: 63703
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0



#4
Vinyl Chloride
Concen: 19.694 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 62 Resp: 49477
Ion Ratio Lower Upper
62 100
64 36.1 24.1 36.1#

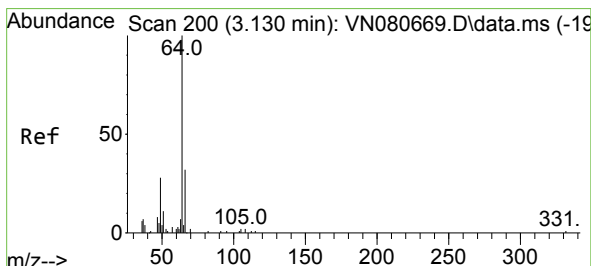
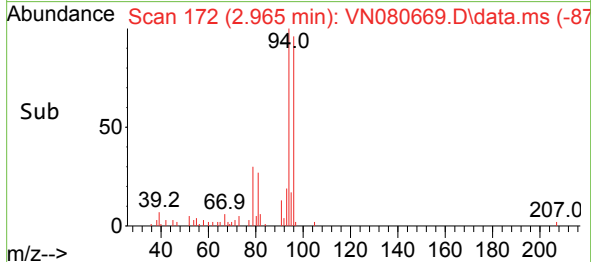
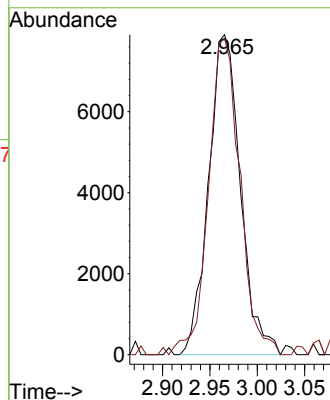
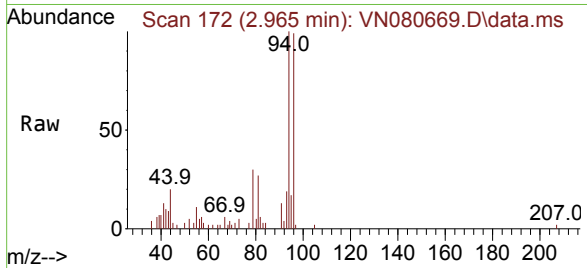




#5
Bromomethane
Concen: 20.043 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

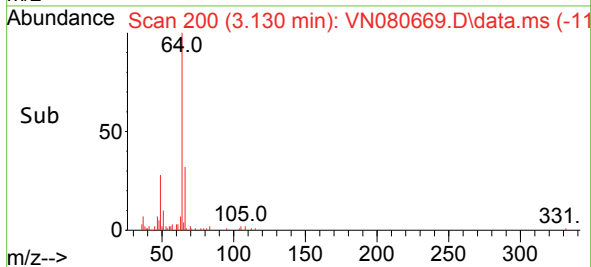
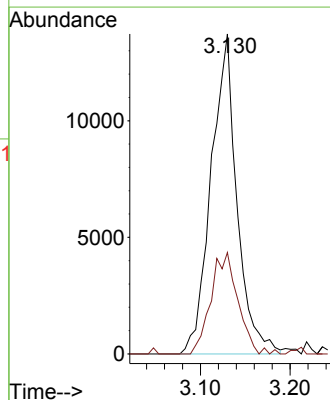
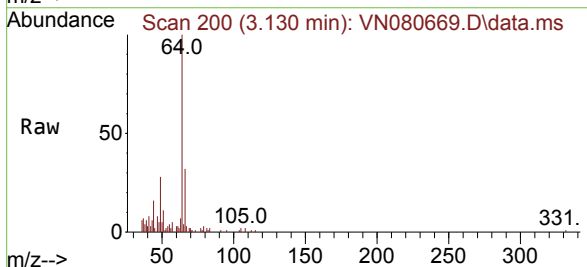
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ClientSampleId :

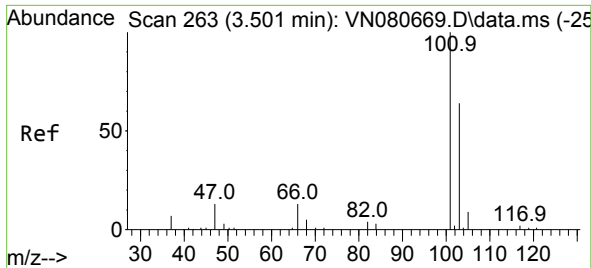
Tgt Ion: 94 Resp: 18489
Ion Ratio Lower Upper
94 100
96 98.9 72.8 109.2



#6
Chloroethane
Concen: 20.234 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

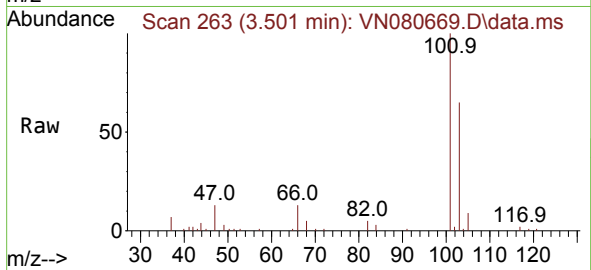
Tgt Ion: 64 Resp: 27482
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1



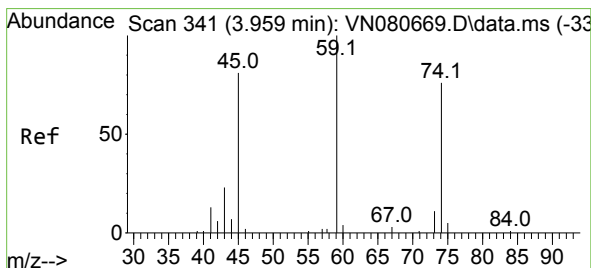
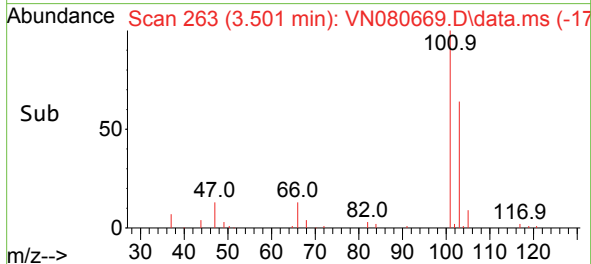
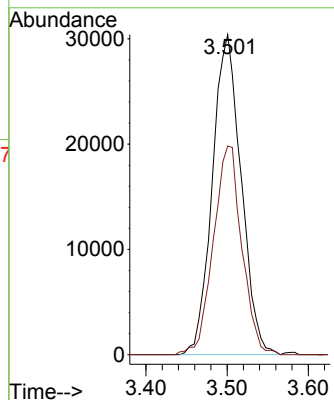


#7
 Trichlorofluoromethane
 Concen: 19.922 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

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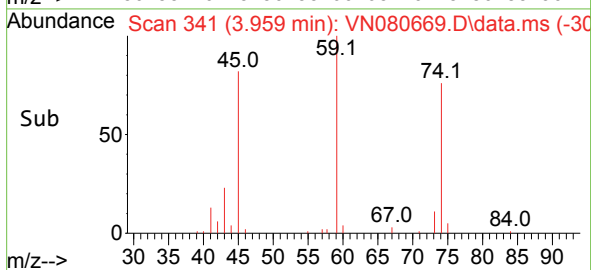
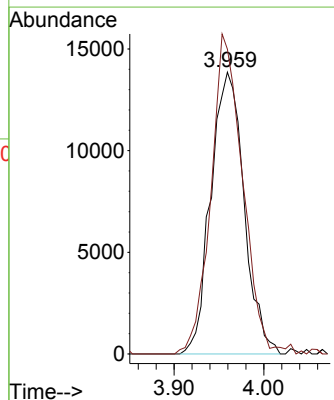
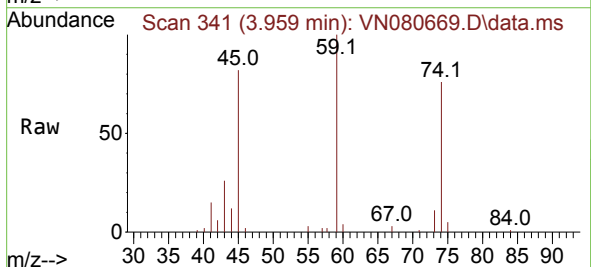


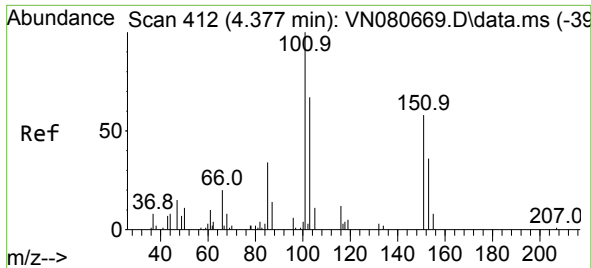
Tgt Ion:101 Resp: 74771
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.0 79.4



#8
 Diethyl Ether
 Concen: 21.585 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Tgt Ion: 74 Resp: 35620
 Ion Ratio Lower Upper
 74 100
 45 107.0 16.4 147.4

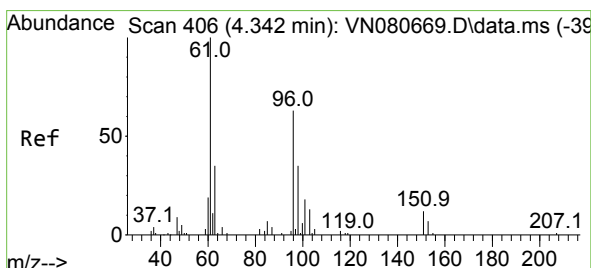
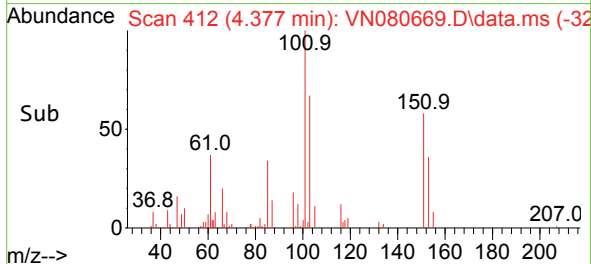
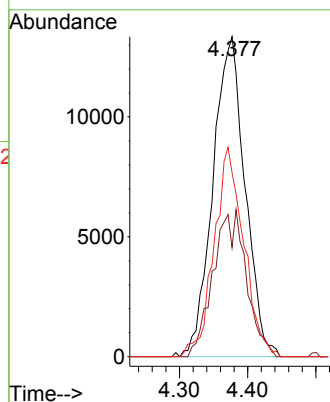
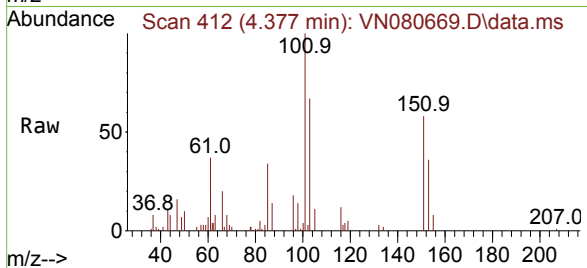




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.255 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VN080669.D
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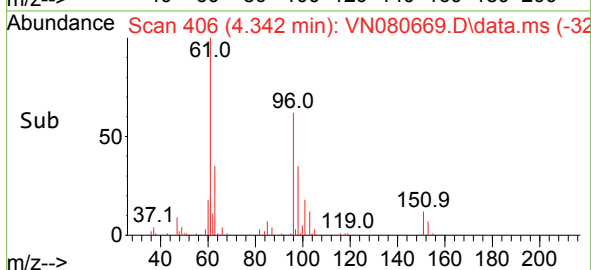
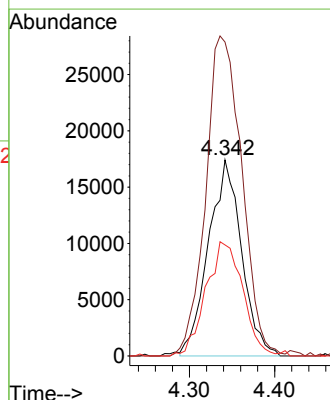
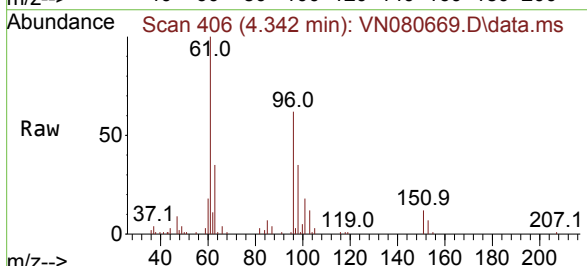
Instrument :
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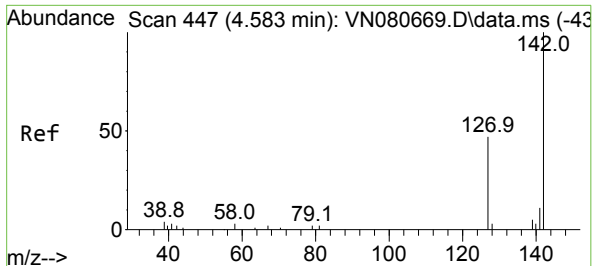
Tgt Ion: 101 Resp: 43808
 Ion Ratio Lower Upper
 101 100
 85 28.0 0.0 90.6
 151 60.3 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 20.196 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

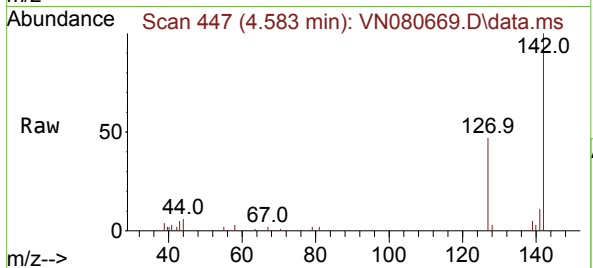
Tgt Ion: 96 Resp: 47014
 Ion Ratio Lower Upper
 96 100
 61 158.8 117.6 176.4
 98 55.4 48.4 72.6



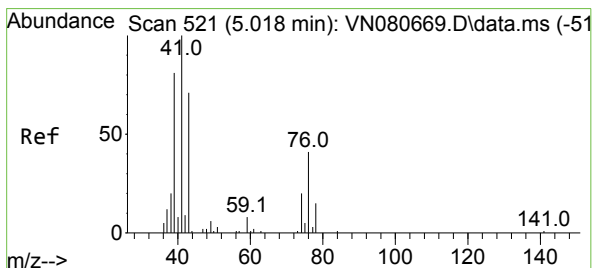
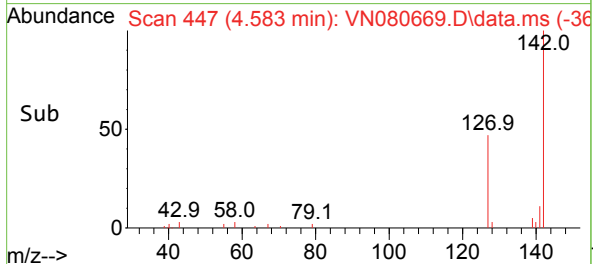
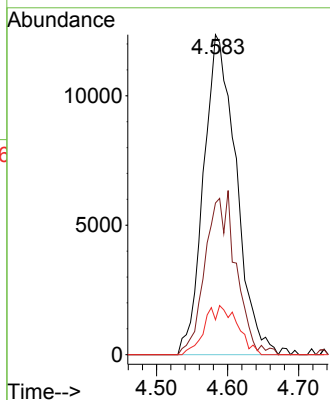


#11
Methyl Iodide
Concen: 19.820 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Instrument :
MSVOA_N
ClientSampleId :

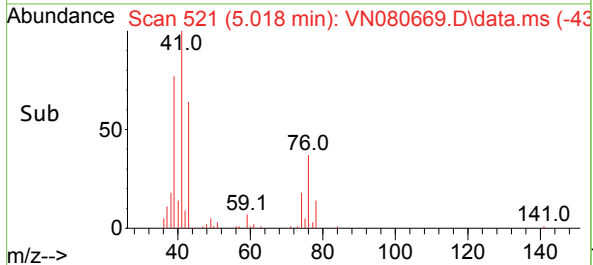
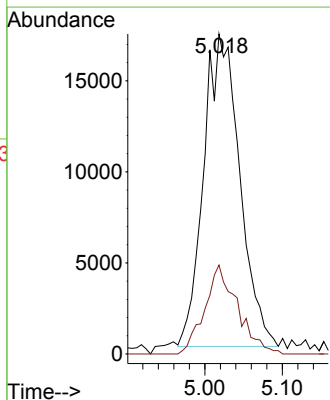
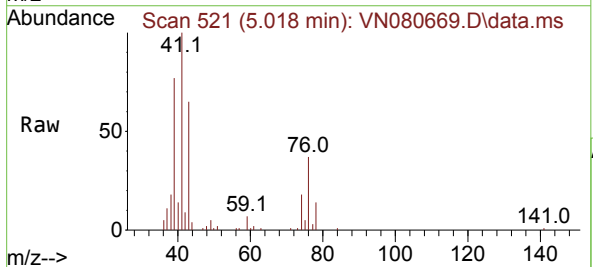


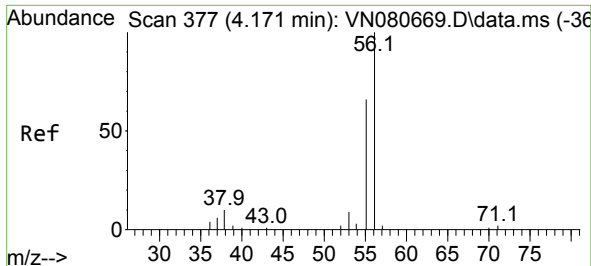
Tgt Ion:142 Resp: 39274
Ion Ratio Lower Upper
142 100
127 47.4 26.3 78.9
141 10.9 8.3 24.9



#12
Methyl Acetate
Concen: 20.184 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 43 Resp: 55478
Ion Ratio Lower Upper
43 100
74 28.0 27.7 41.5





#13

Acrolein

Concen: 97.760 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

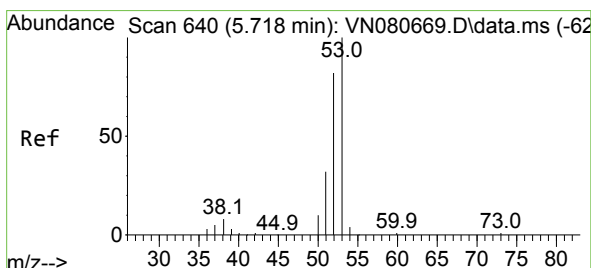
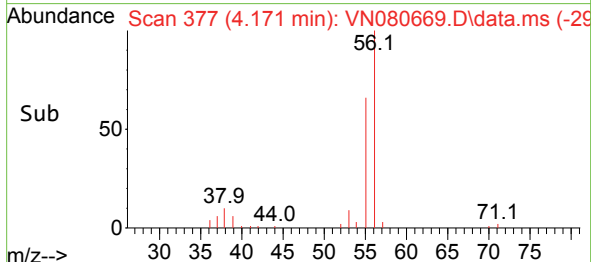
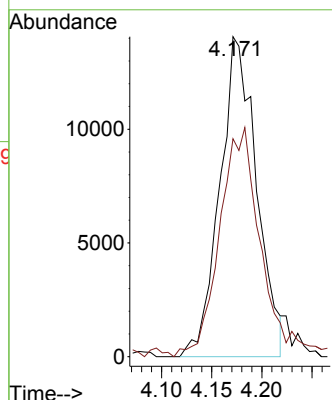
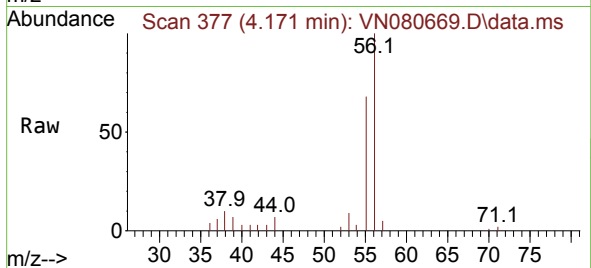
ClientSampleId :

Tgt Ion: 56 Resp: 35803

Ion Ratio Lower Upper

56 100

55 76.4 55.5 83.3



#14

Acrylonitrile

Concen: 101.152 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

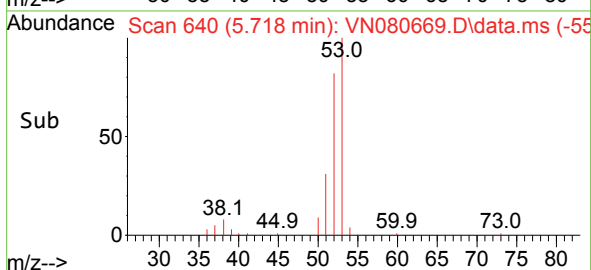
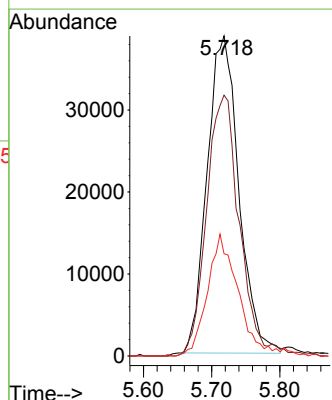
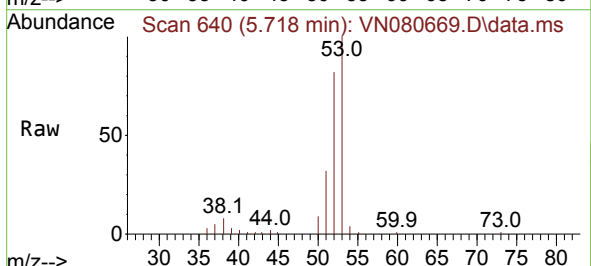
Tgt Ion: 53 Resp: 125284

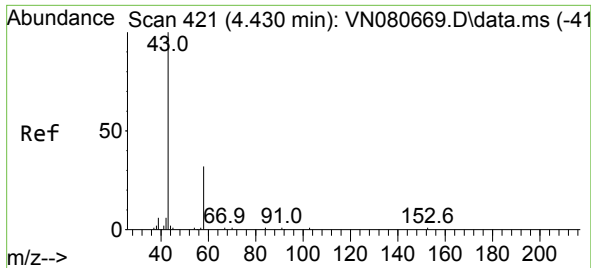
Ion Ratio Lower Upper

53 100

52 83.5 41.3 123.9

51 37.0 16.8 50.3

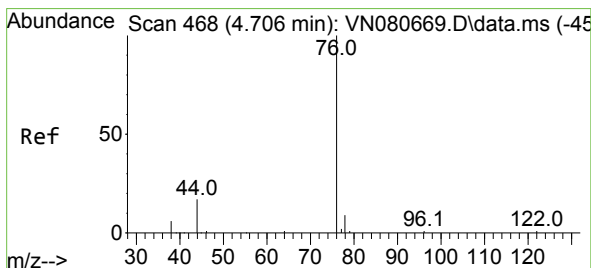
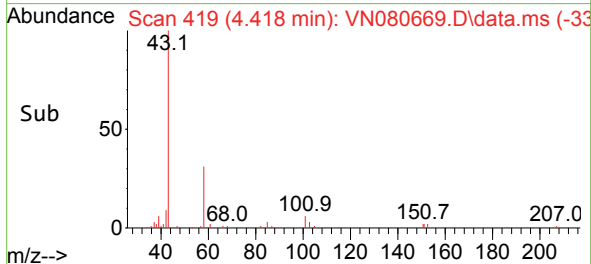
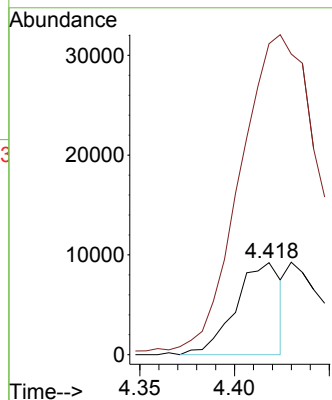
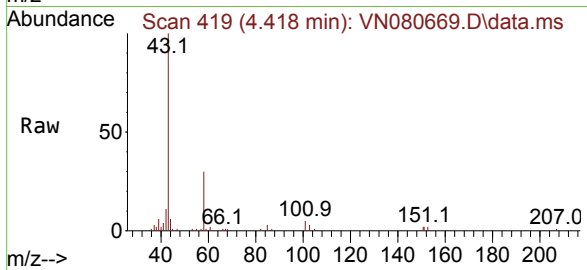




#15
Acetone
Concen: 54.386 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

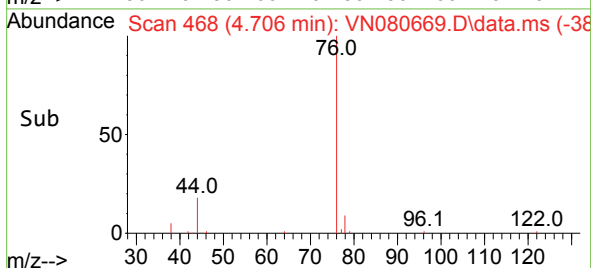
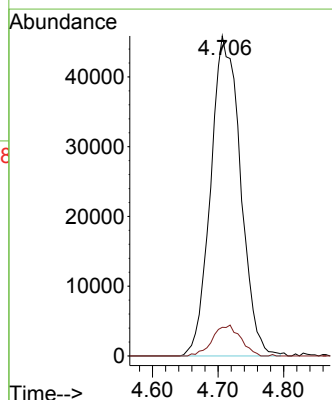
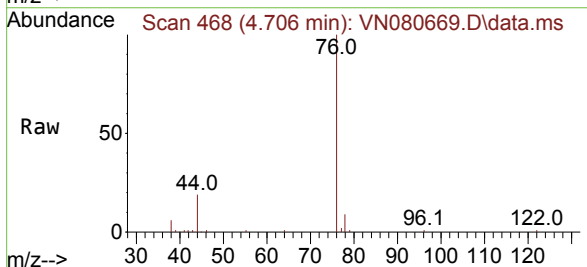
Instrument :
MSVOA_N
ClientSampleId :

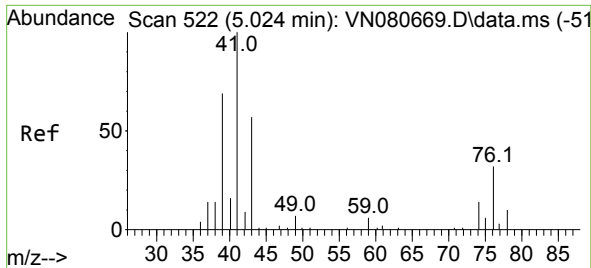
Tgt Ion: 58 Resp: 15274
Ion Ratio Lower Upper
58 100
43 329.0 223.1 334.7



#16
Carbon Disulfide
Concen: 20.133 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

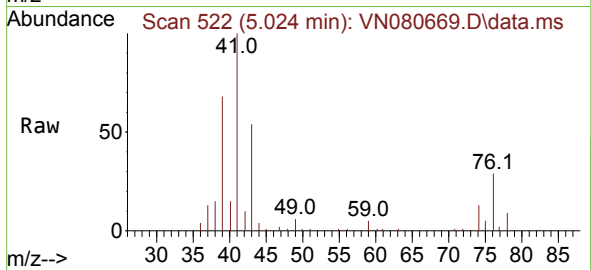
Tgt Ion: 76 Resp: 144903
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



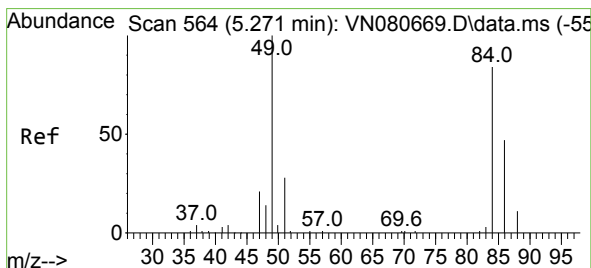
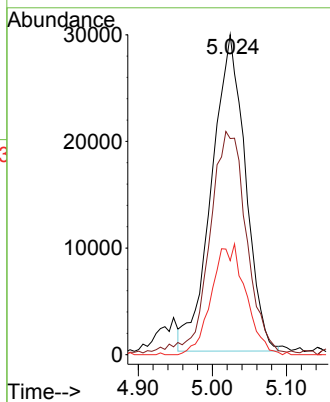
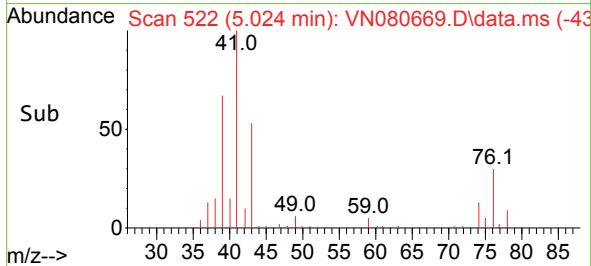


#17
 Allyl chloride
 Concen: 19.758 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Instrument :
 MSVOA_N
 ClientSampleId :

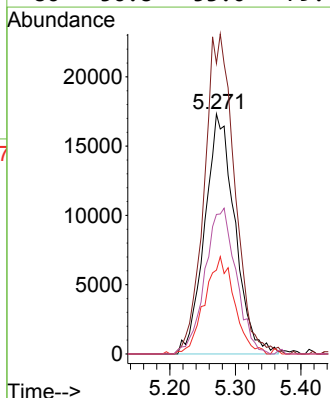
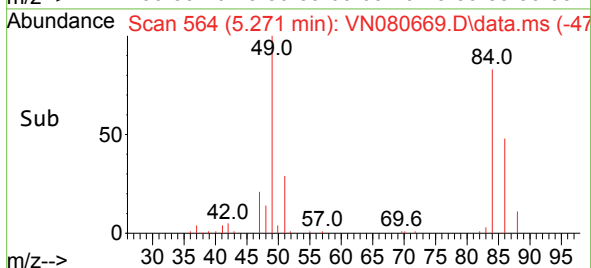
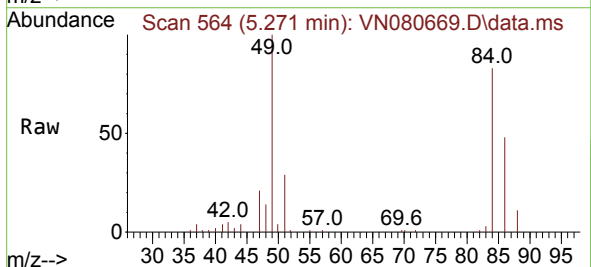


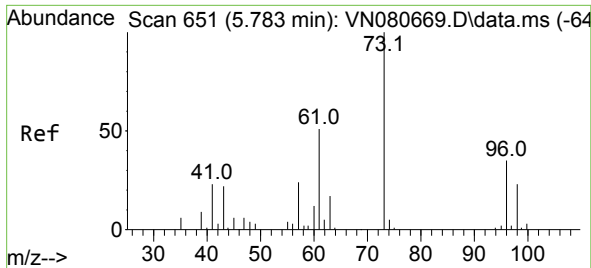
Tgt Ion:	41	Resp:	93676
Ion Ratio	Lower	Upper	
41	100		
39	68.1	37.6	112.9
76	30.2	27.8	83.4



#18
 Methylene Chloride
 Concen: 20.464 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Tgt Ion:	84	Resp:	55246
Ion Ratio	Lower	Upper	
84	100		
49	119.4	86.0	129.0
51	33.8	30.0	45.0
86	56.8	53.0	79.4

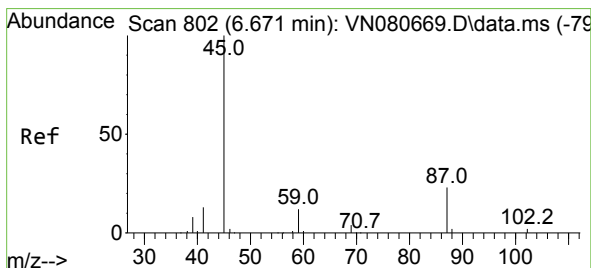
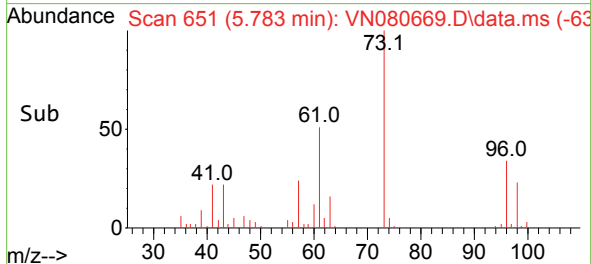
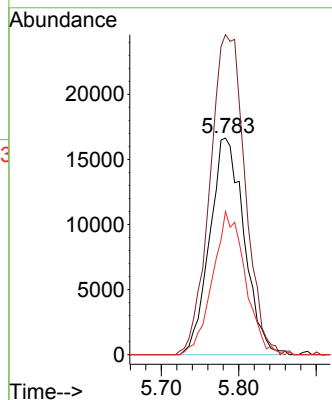
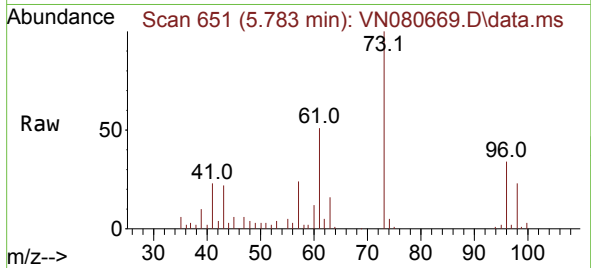




#19
trans-1,2-Dichloroethene
Concen: 20.935 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

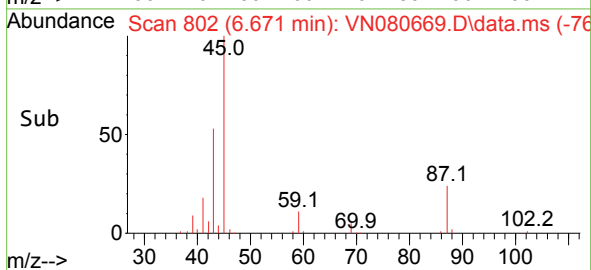
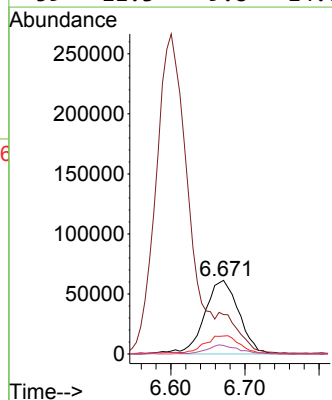
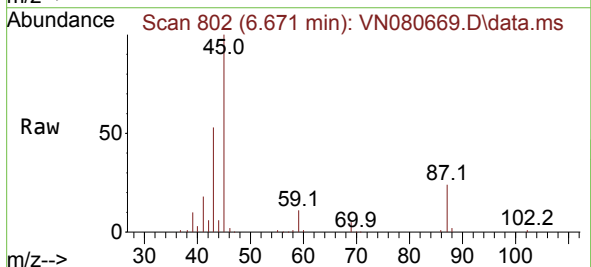
Instrument :
MSVOA_N
ClientSampleId :

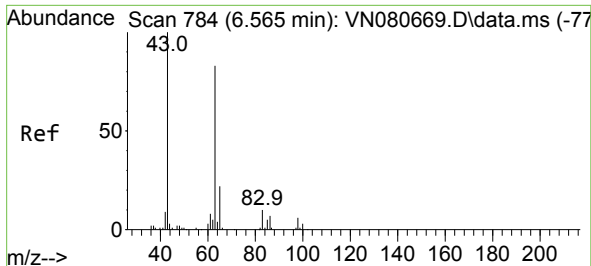
Tgt Ion: 96 Resp: 51135
Ion Ratio Lower Upper
96 100
61 147.7 111.8 167.6
98 66.1 49.2 73.8



#20
Diisopropyl ether
Concen: 20.304 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 45 Resp: 193638
Ion Ratio Lower Upper
45 100
43 52.3 40.4 60.6
87 24.5 23.8 35.8
59 11.3 9.8 14.6





#21

1,1-Dichloroethane

Concen: 20.772 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

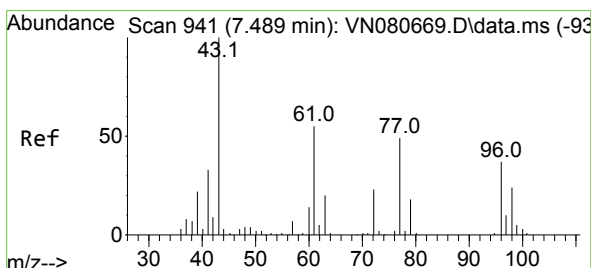
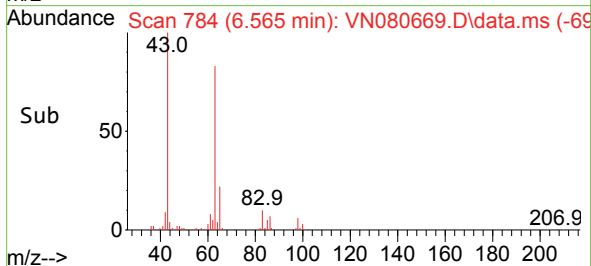
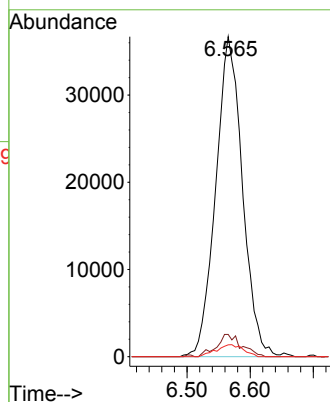
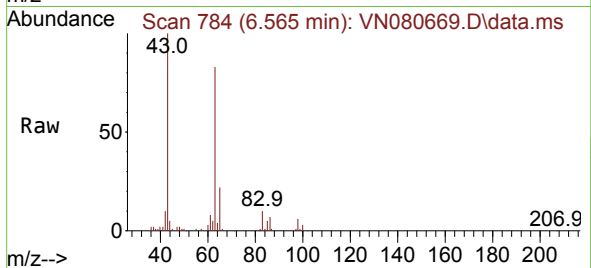
Tgt Ion: 63 Resp: 107654

Ion Ratio Lower Upper

63 100

98 6.9 4.1 12.3

100 3.7 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 20.187 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

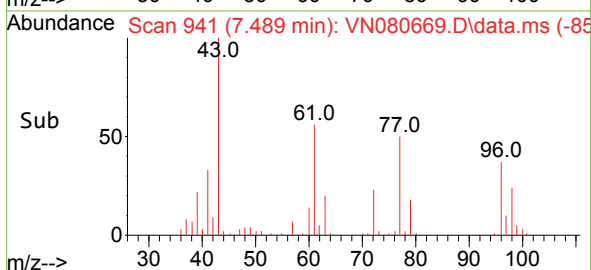
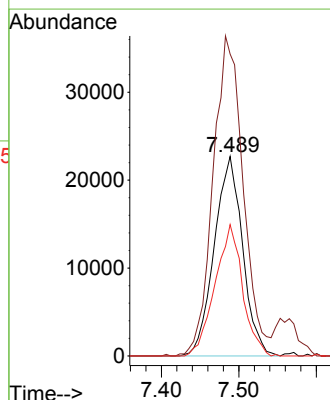
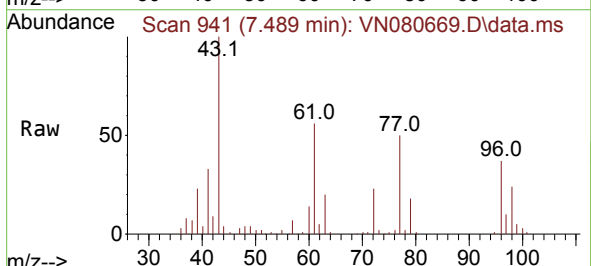
Tgt Ion: 96 Resp: 57709

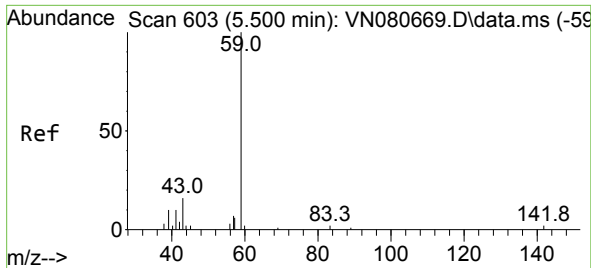
Ion Ratio Lower Upper

96 100

61 170.5 113.5 170.3#

98 64.1 52.0 78.0

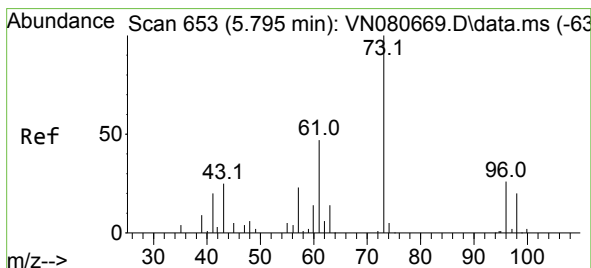
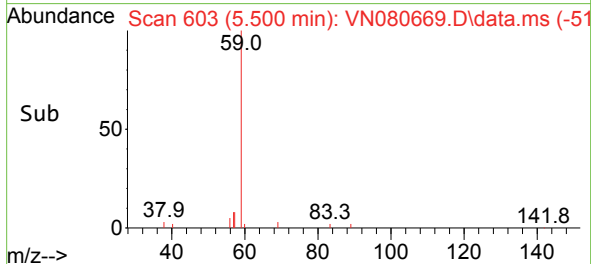
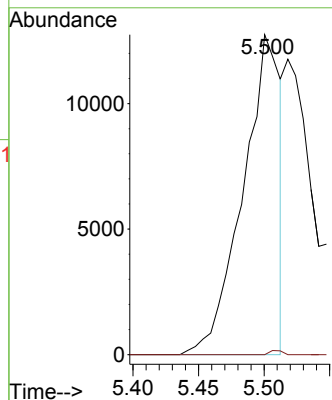
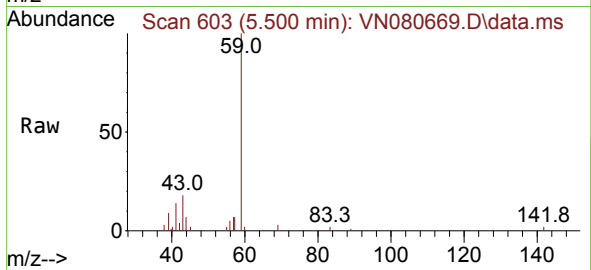




#23
tert-Butyl Alcohol
Concen: 59.022 ug/l
RT: 5.500 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

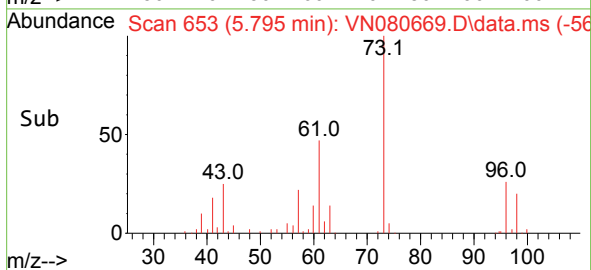
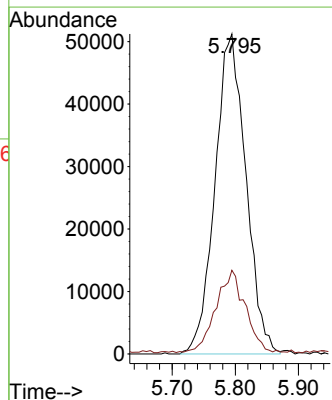
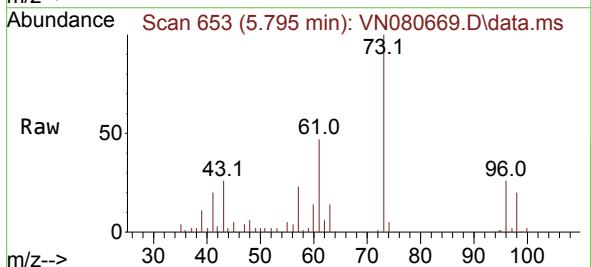
Instrument :
MSVOA_N
ClientSampleId :

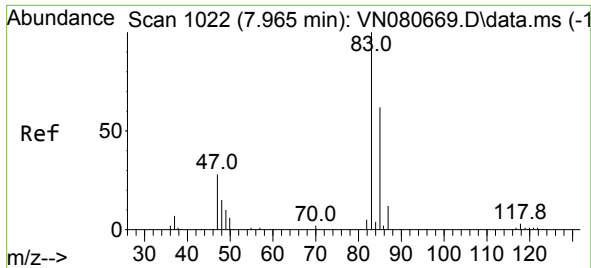
Tgt Ion: 59 Resp: 25218
Ion Ratio Lower Upper
59 100
52 0.4 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.734 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 73 Resp: 174194
Ion Ratio Lower Upper
73 100
43 14.6 13.4 20.2

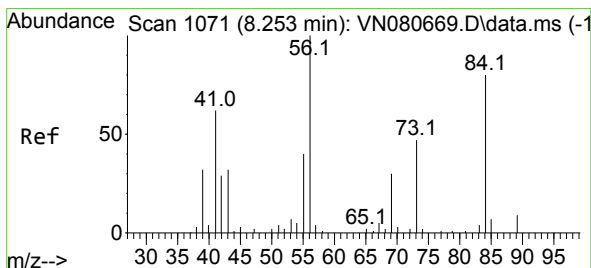
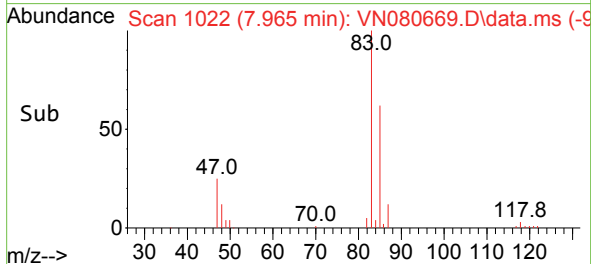
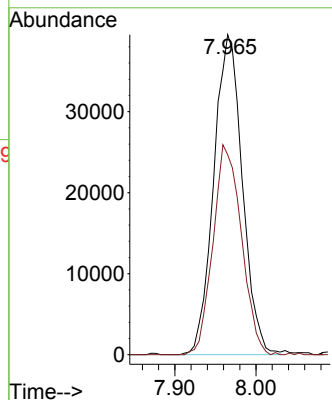
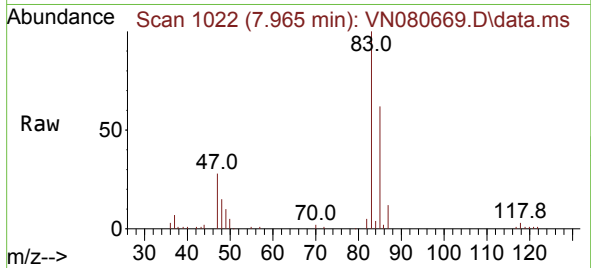




#25
Chloroform
Concen: 20.076 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

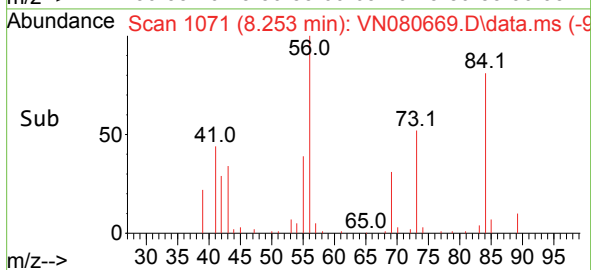
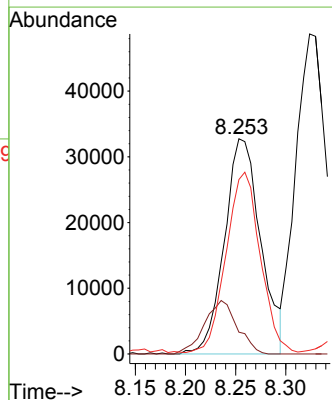
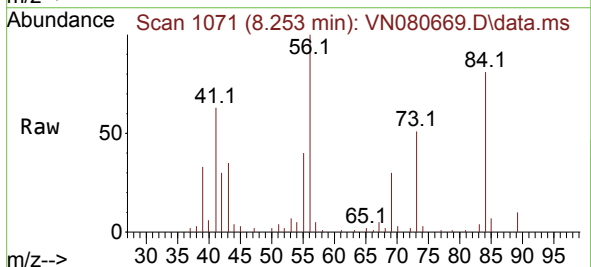
Instrument :
MSVOA_N
ClientSampleId :

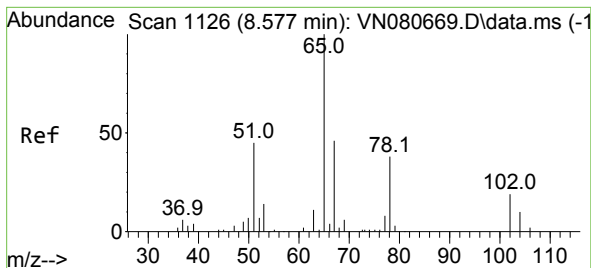
Tgt Ion: 83 Resp: 96871
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3



#26
Cyclohexane
Concen: 20.190 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 56 Resp: 82283
Ion Ratio Lower Upper
56 100
89 22.5 19.3 28.9
84 80.5 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 32.788 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

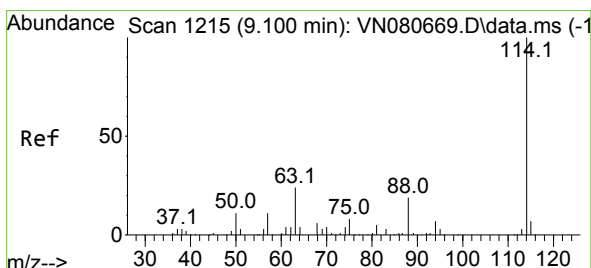
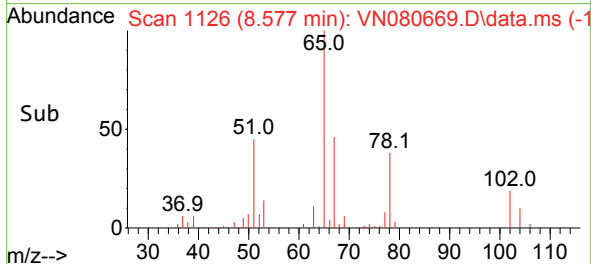
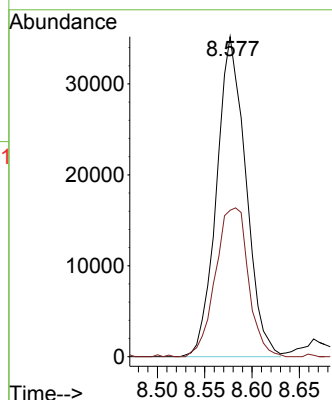
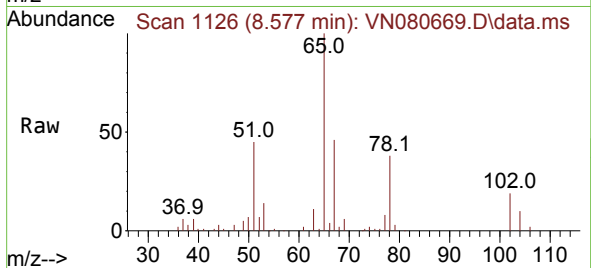
ClientSampleId :

Tgt Ion: 65 Resp: 75530

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: VN080669.D

Acq: 11 Jan 2024 11:16

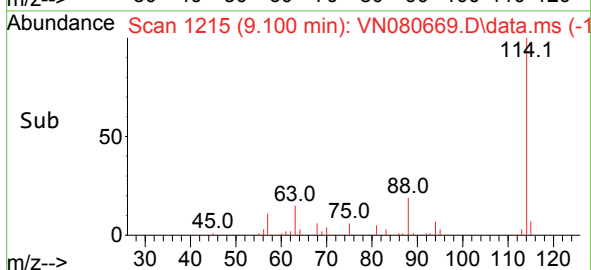
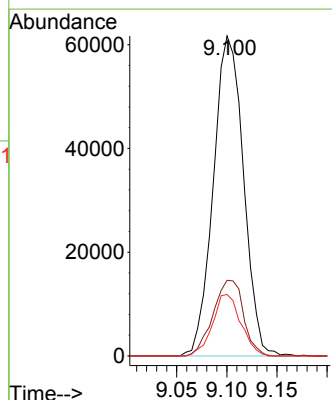
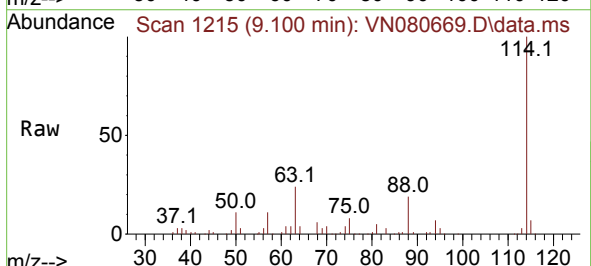
Tgt Ion: 114 Resp: 129038

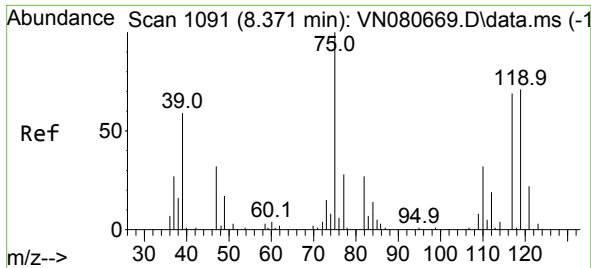
Ion Ratio Lower Upper

114 100

63 23.9 15.9 23.9

88 18.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.793 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

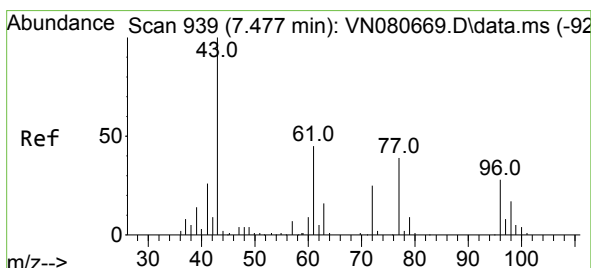
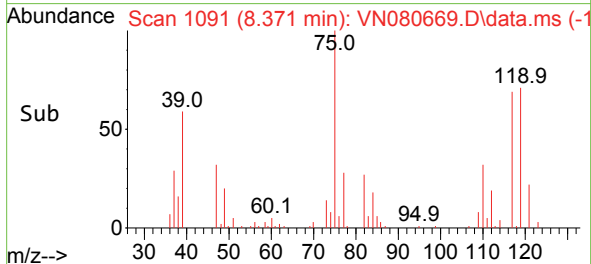
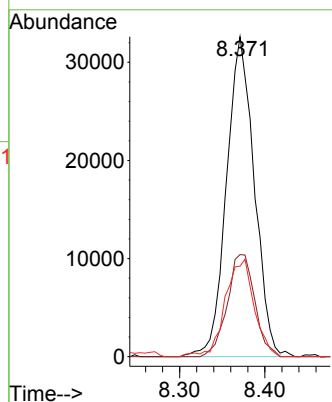
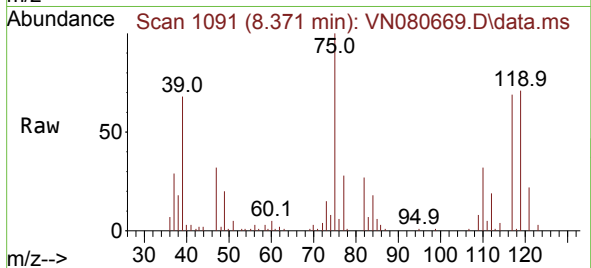
Tgt Ion: 75 Resp: 73717

Ion Ratio Lower Upper

75 100

110 31.7 0.0 70.2

77 30.7 0.0 61.4



#30

2-Butanone

Concen: 99.900 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

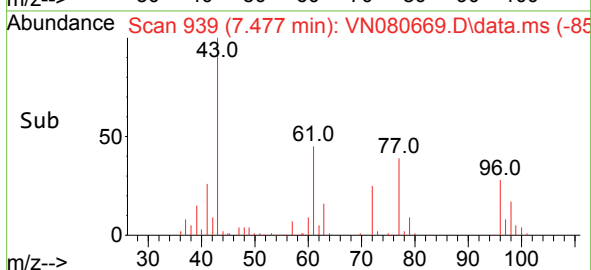
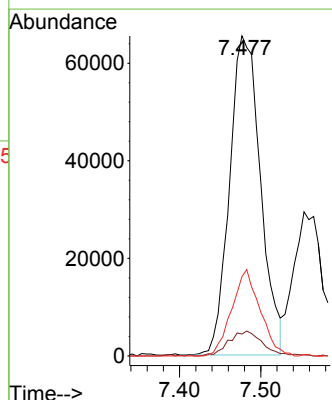
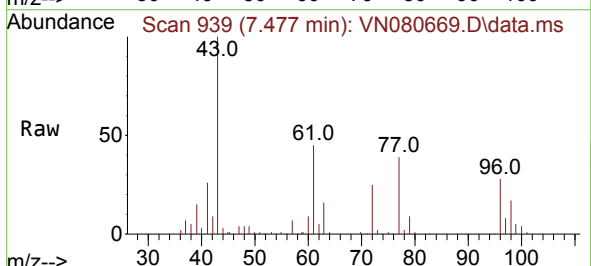
Tgt Ion: 43 Resp: 173398

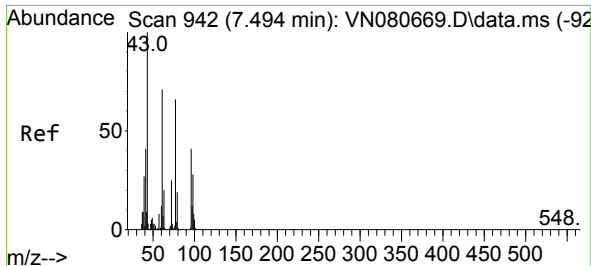
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

72 24.8 24.0 36.0





#31

2,2-Dichloropropane

Concen: 18.966 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

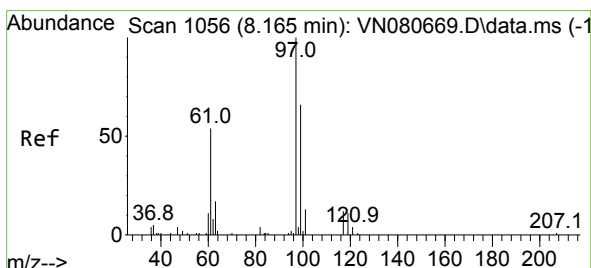
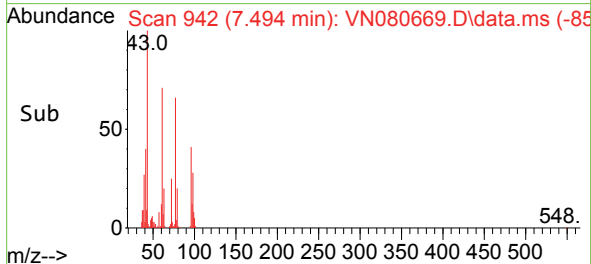
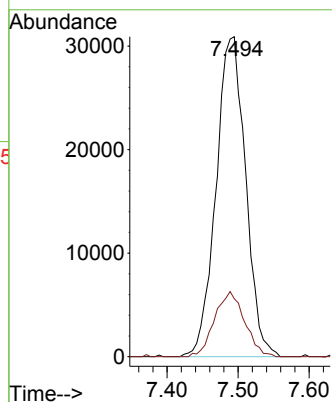
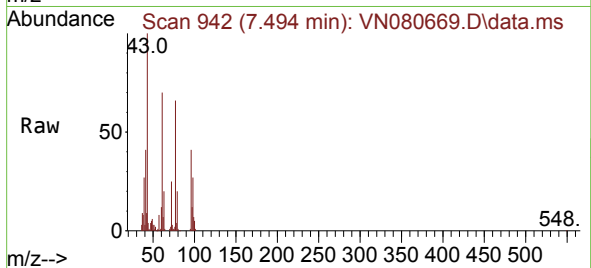
ClientSampleId :

Tgt Ion: 77 Resp: 89369

Ion Ratio Lower Upper

77 100

97 20.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.648 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

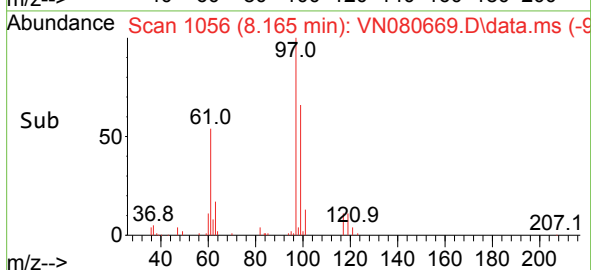
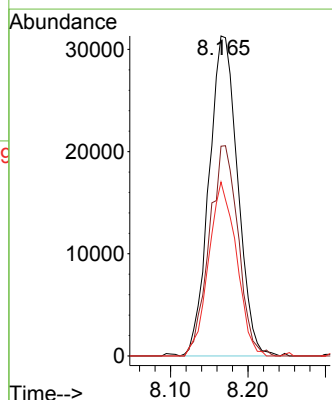
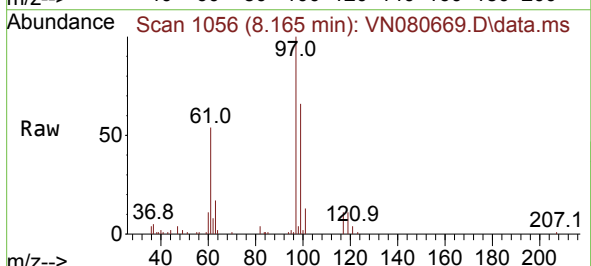
Tgt Ion: 97 Resp: 80487

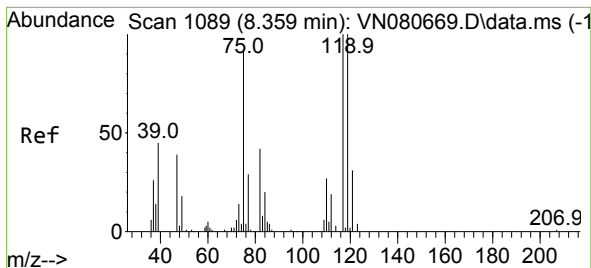
Ion Ratio Lower Upper

97 100

99 66.1 51.0 76.4

61 52.7 33.8 50.8#





#33

Carbon Tetrachloride

Concen: 18.671 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. 0.000 min

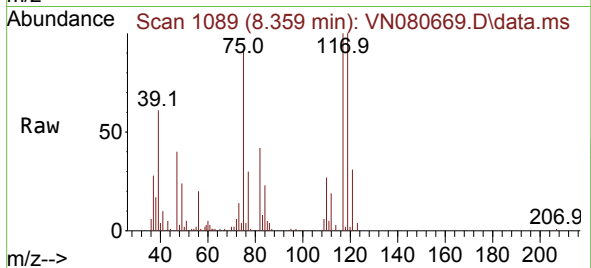
Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :



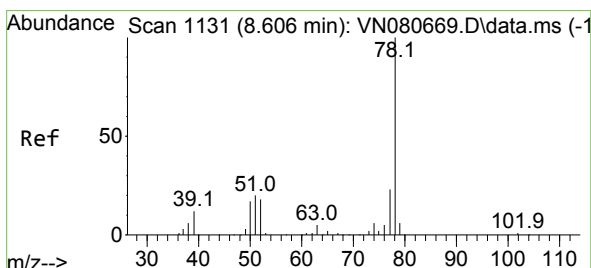
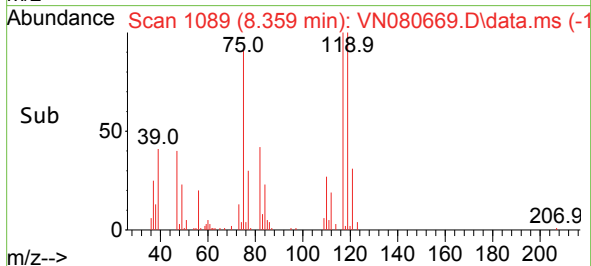
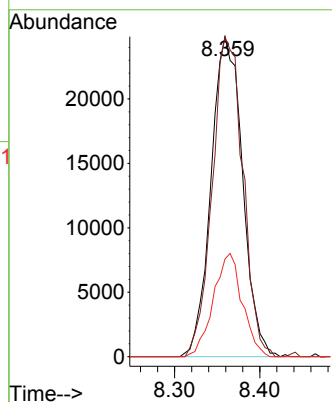
Tgt Ion:117 Resp: 63646

Ion Ratio Lower Upper

117 100

119 99.9 77.7 116.5

121 30.5 27.0 40.6



#34

Benzene

Concen: 19.253 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

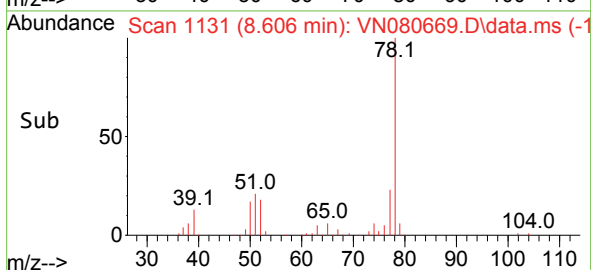
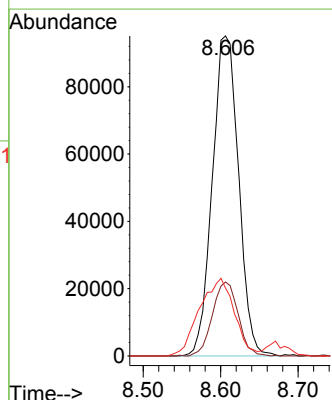
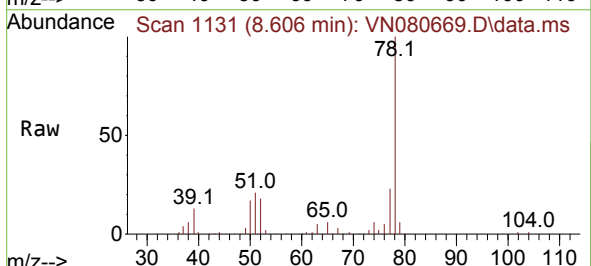
Tgt Ion: 78 Resp: 223998

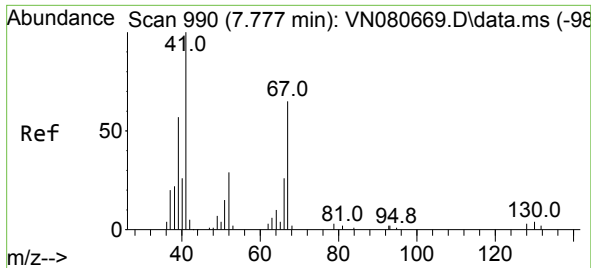
Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8

51 19.7 13.3 19.9



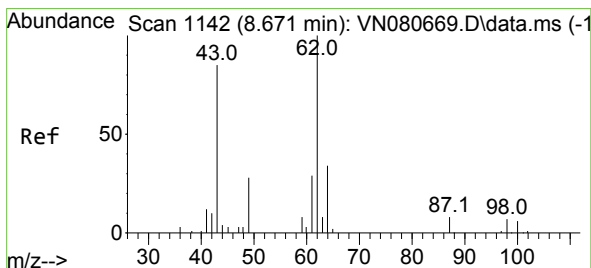
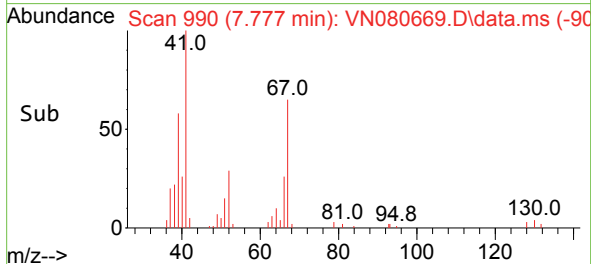
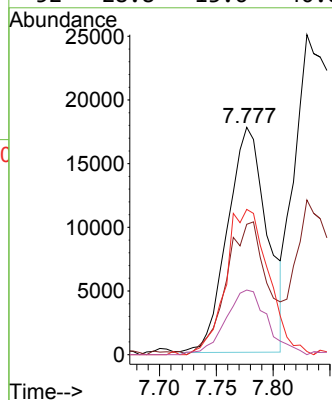
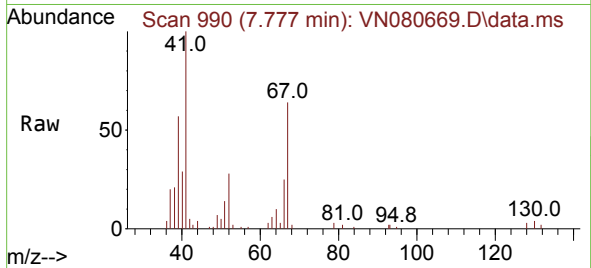


#35
Methacrylonitrile
Concen: 19.639 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 42775

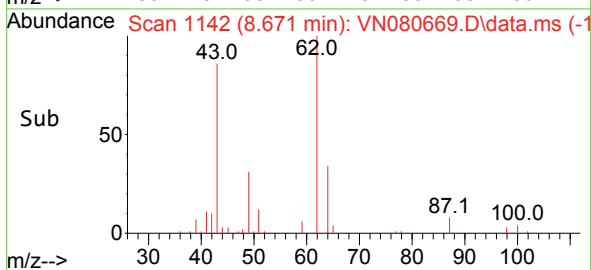
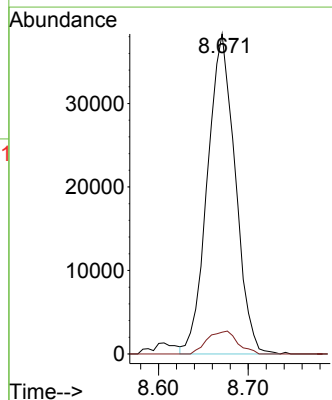
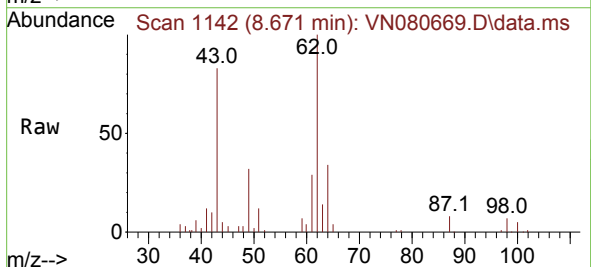
Ion	Ratio	Lower	Upper
41	100		
39	56.8	25.3	75.9
67	64.8	38.7	116.1
52	28.8	13.6	40.8

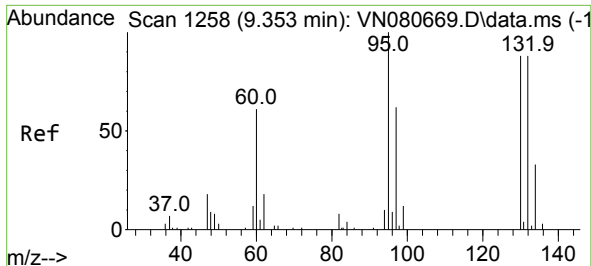


#36
1,2-Dichloroethane
Concen: 19.234 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 62 Resp: 82286

Ion	Ratio	Lower	Upper
62	100		
98	7.8	8.2	12.4





#37

Trichloroethene

Concen: 18.537 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

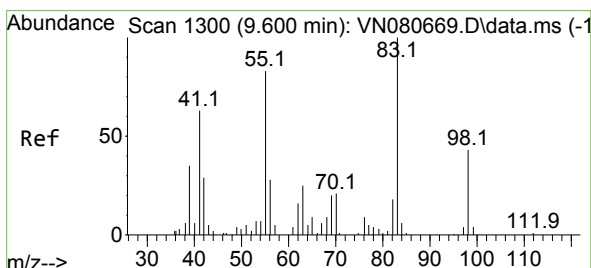
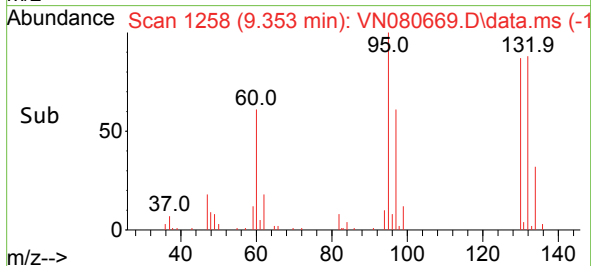
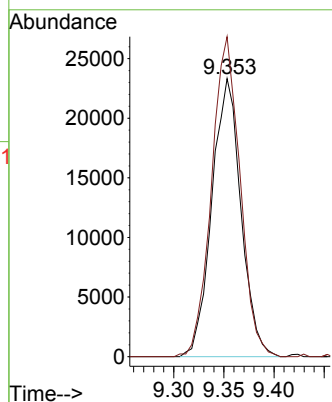
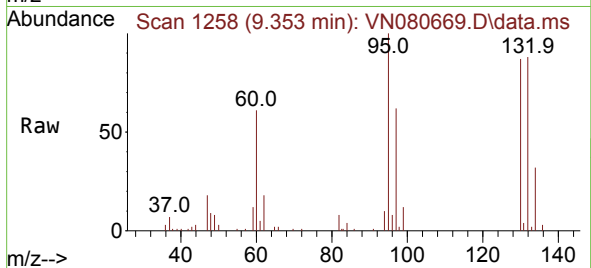
ClientSampleId :

Tgt Ion:130 Resp: 47035

Ion Ratio Lower Upper

130 100

95 115.1 80.2 120.4



#38

Methylcyclohexane

Concen: 19.077 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

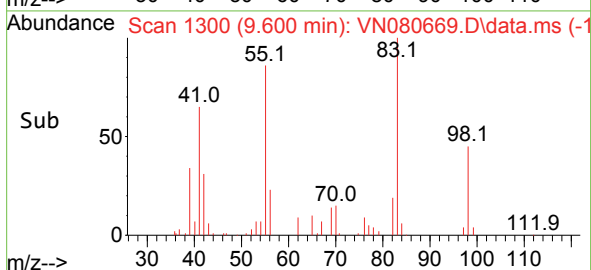
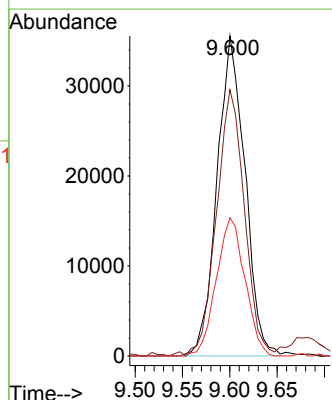
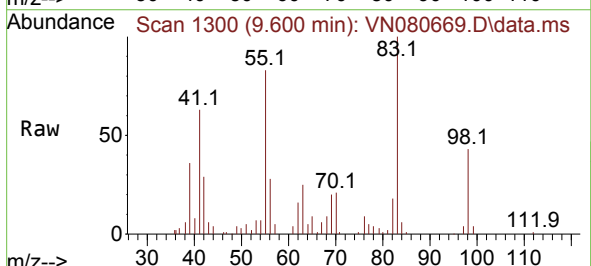
Tgt Ion: 83 Resp: 72899

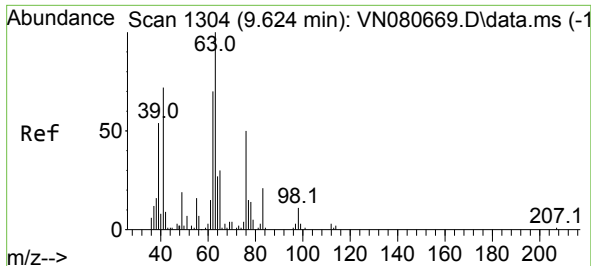
Ion Ratio Lower Upper

83 100

55 82.9 36.6 109.9

98 44.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.860 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

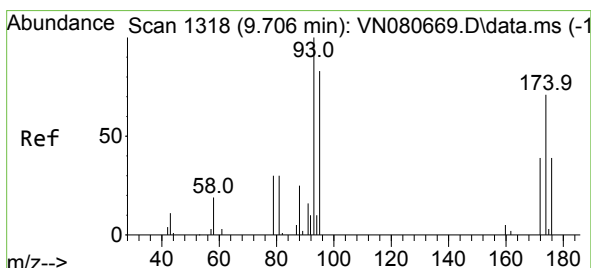
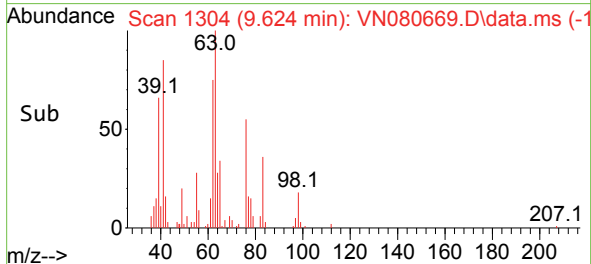
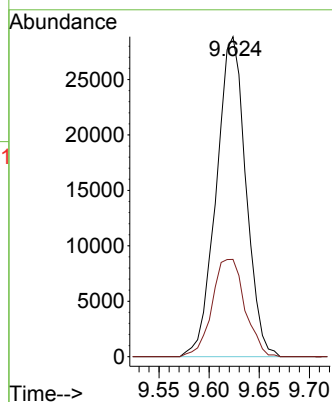
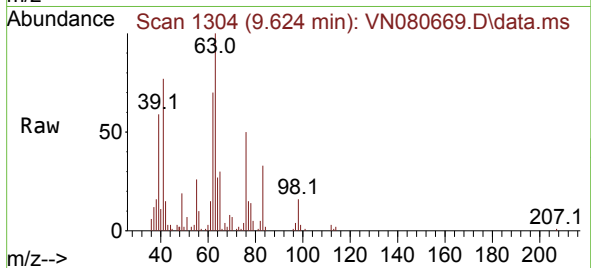
ClientSampleId :

Tgt Ion: 63 Resp: 59143

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#40

Dibromomethane

Concen: 19.320 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

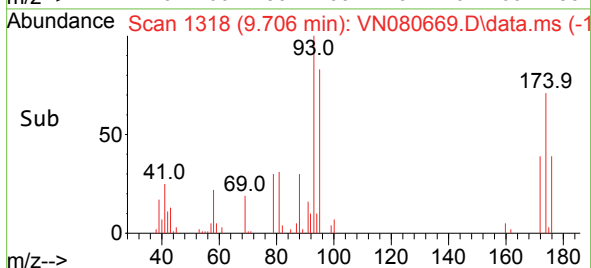
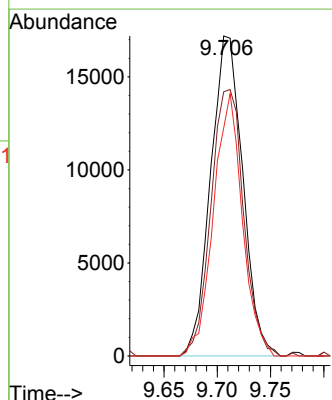
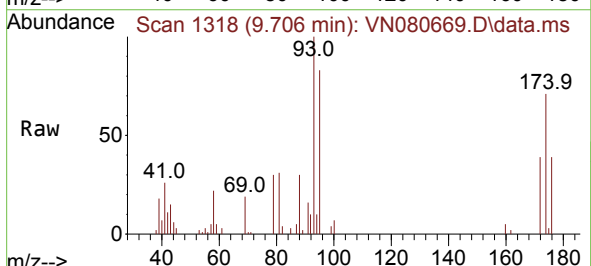
Tgt Ion: 93 Resp: 36048

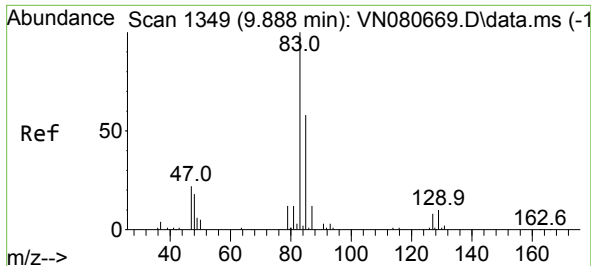
Ion Ratio Lower Upper

93 100

95 84.9 0.0 164.6

174 73.8 0.0 193.2

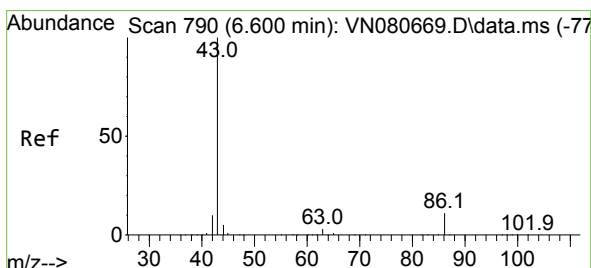
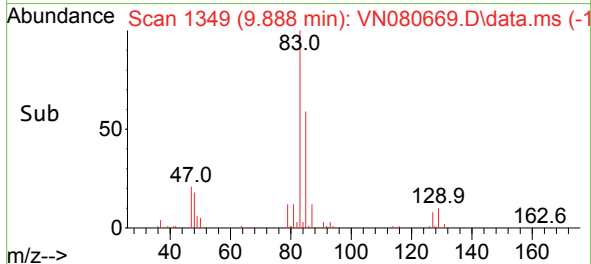
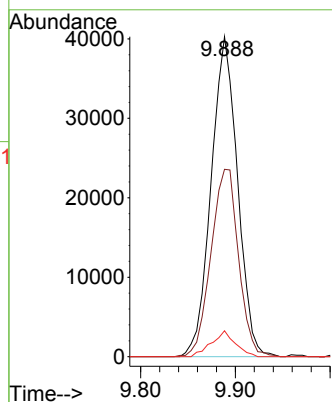
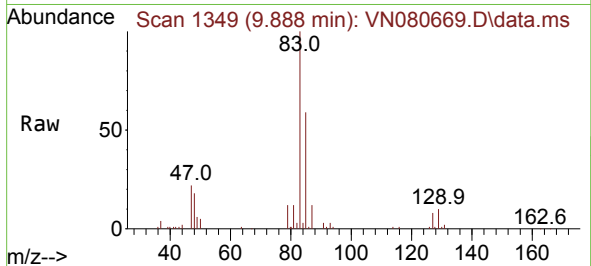




#41
Bromodichloromethane
Concen: 19.129 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

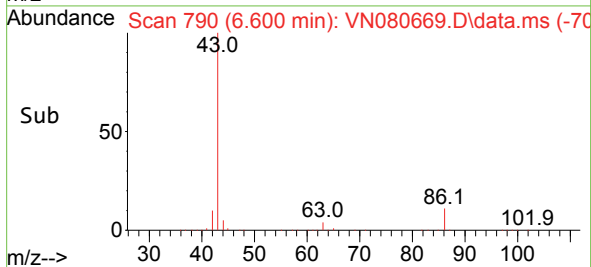
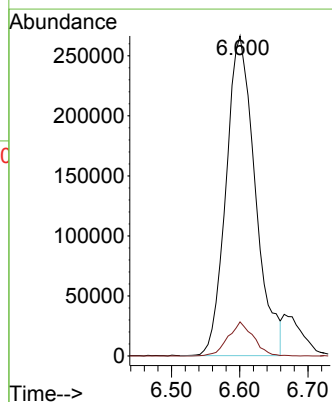
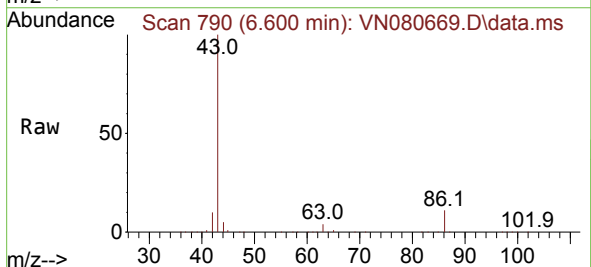
Instrument :
MSVOA_N
ClientSampleId :

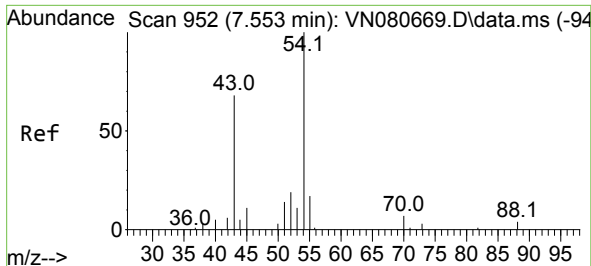
Tgt Ion: 83 Resp: 78108
Ion Ratio Lower Upper
83 100
85 58.5 49.4 74.2
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 98.191 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 43 Resp: 792135
Ion Ratio Lower Upper
43 100
86 9.2 9.4 14.2#

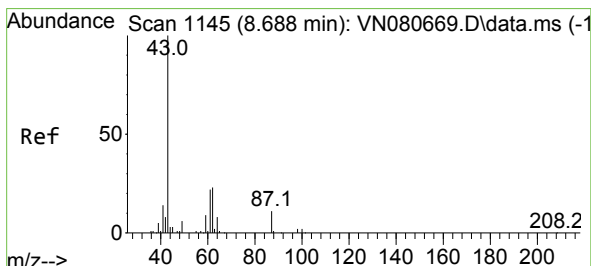
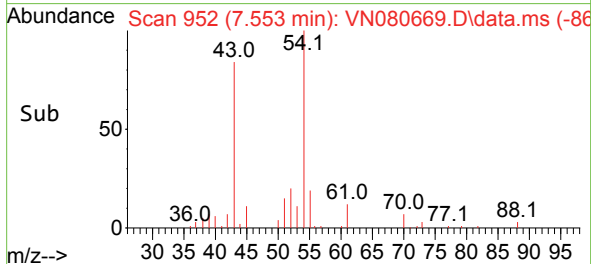
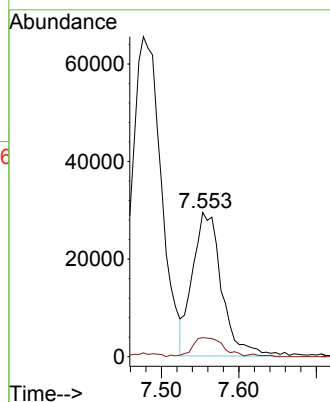
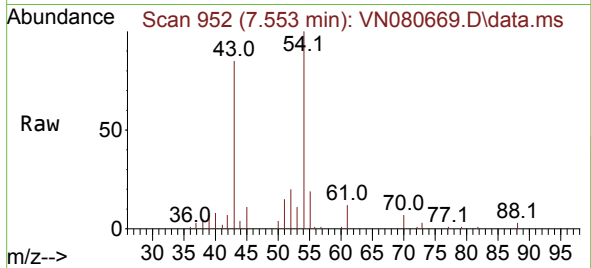




#43
Ethyl Acetate
Concen: 21.149 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

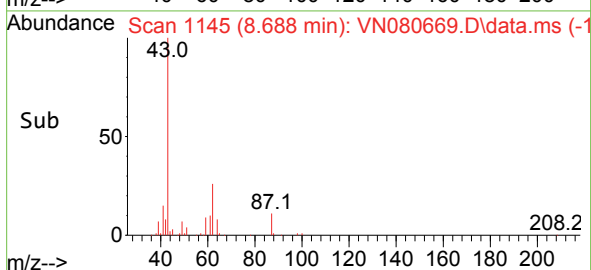
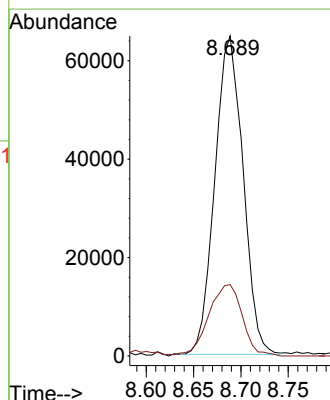
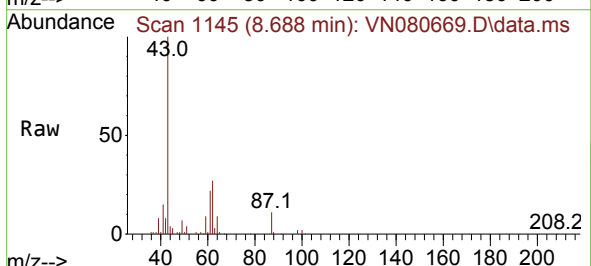
Instrument :
MSVOA_N
ClientSampleId :

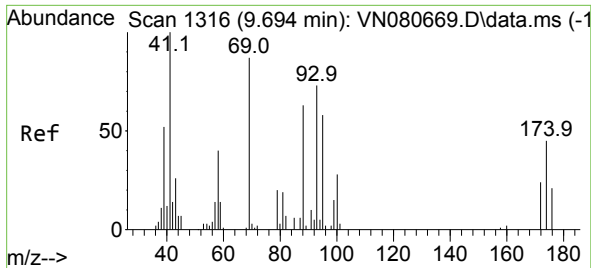
Tgt Ion: 43 Resp: 77083
Ion Ratio Lower Upper
43 100
45 12.8 10.6 15.8



#44
Isopropyl Acetate
Concen: 19.251 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 43 Resp: 133937
Ion Ratio Lower Upper
43 100
61 26.7 25.0 37.4

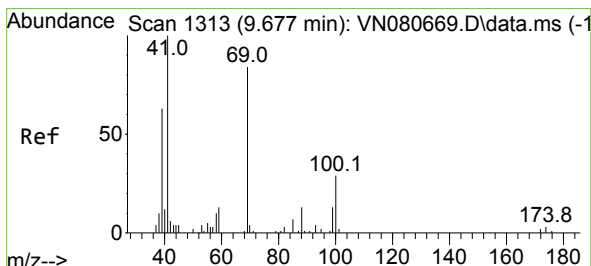
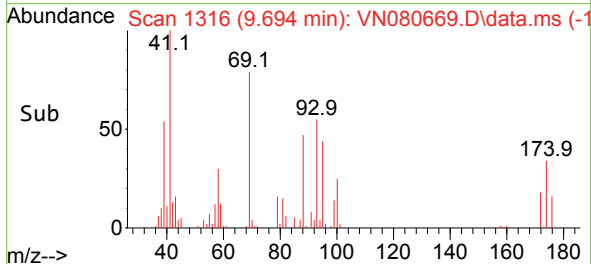
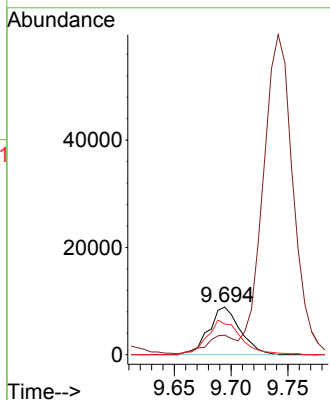
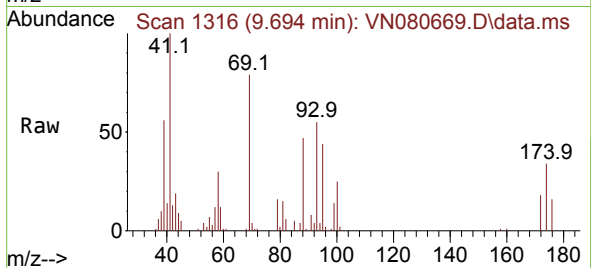




#45
1,4-Dioxane
Concen: 430.986 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

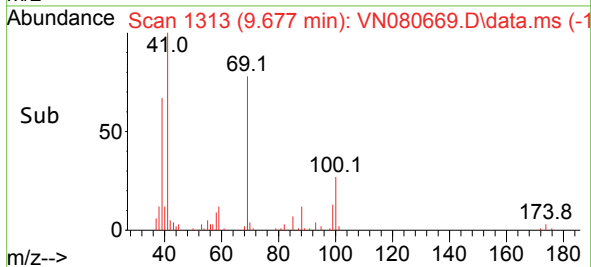
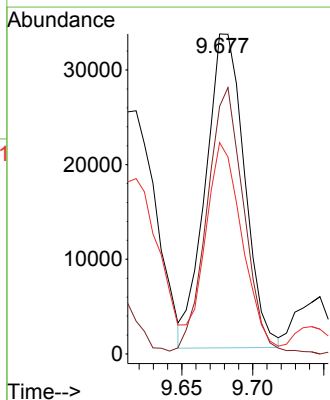
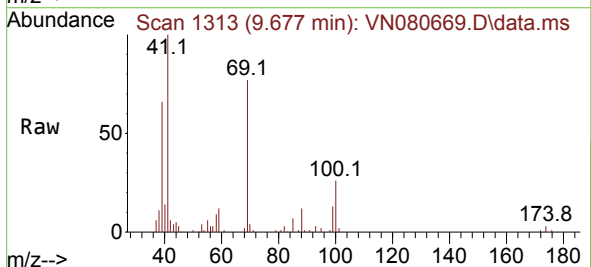
Instrument :
MSVOA_N
ClientSampleId :

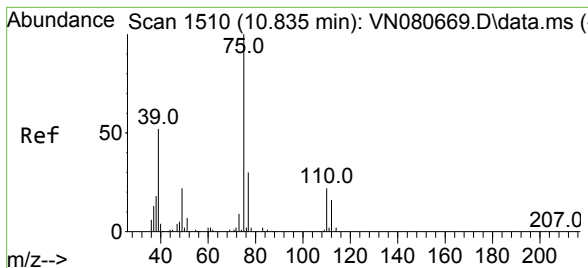
Tgt Ion: 88 Resp: 17054
Ion Ratio Lower Upper
88 100
43 36.3 19.8 29.6#
58 77.0 55.4 83.0



#46
Methyl methacrylate
Concen: 19.293 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 41 Resp: 63206
Ion Ratio Lower Upper
41 100
69 79.5 51.1 153.3
39 67.0 25.8 77.3

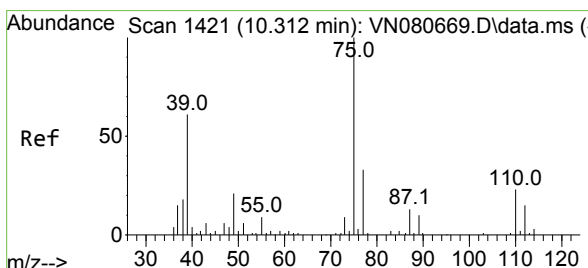
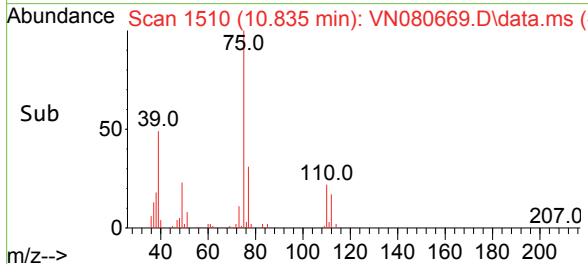
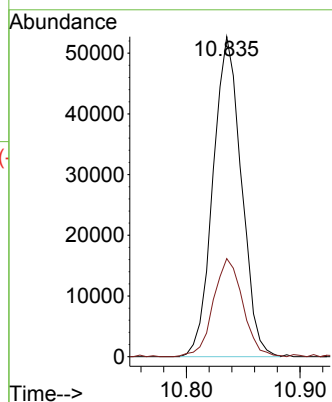
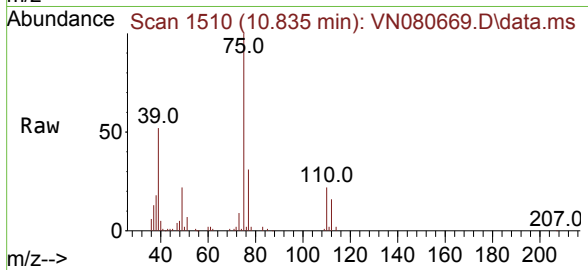




#48
 t-1,3-Dichloropropene
 Concen: 18.992 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

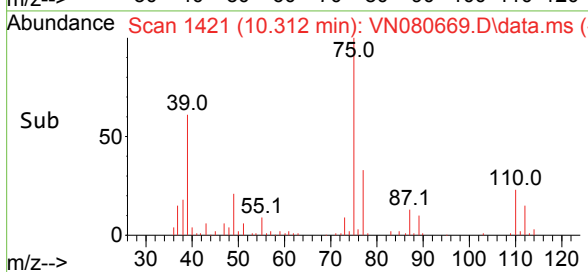
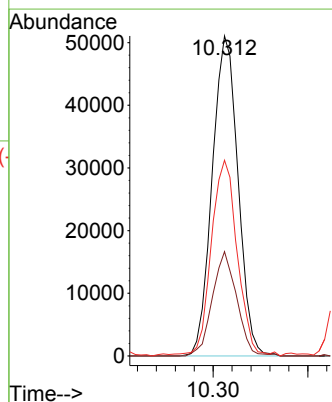
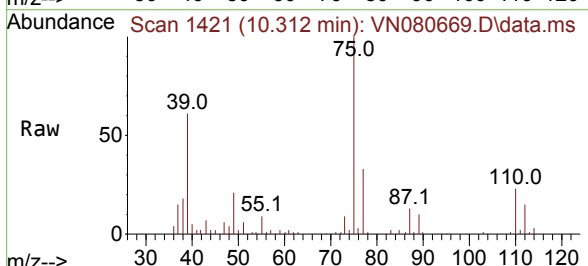
Instrument :
 MSVOA_N
 ClientSampleId :

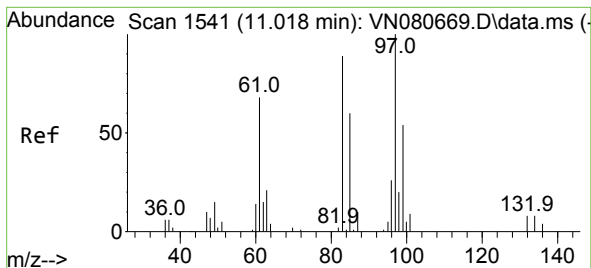
Tgt Ion: 75 Resp: 91373
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.8 35.6



#49
 cis-1,3-Dichloropropene
 Concen: 18.952 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Tgt Ion: 75 Resp: 96778
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 61.1 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 19.650 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

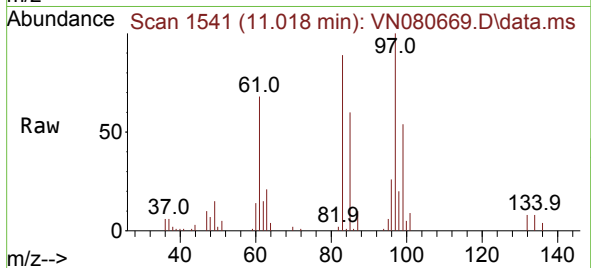
Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 50351

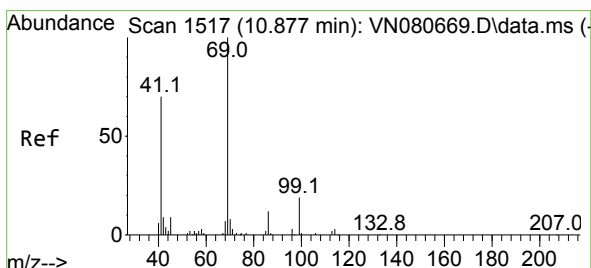
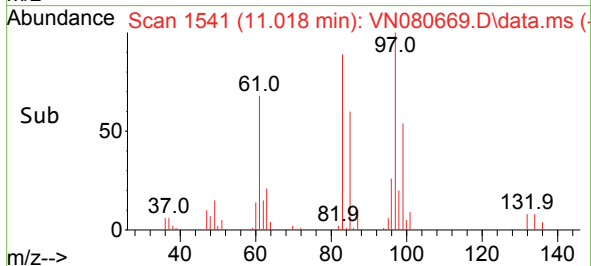
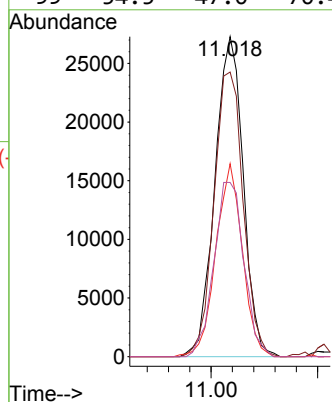
Ion Ratio Lower Upper

97 100

83 89.0 68.1 102.1

85 60.3 41.8 62.6

99 54.5 47.0 70.4



#51

Ethyl methacrylate

Concen: 19.386 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

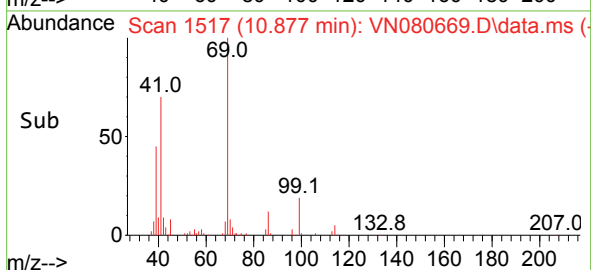
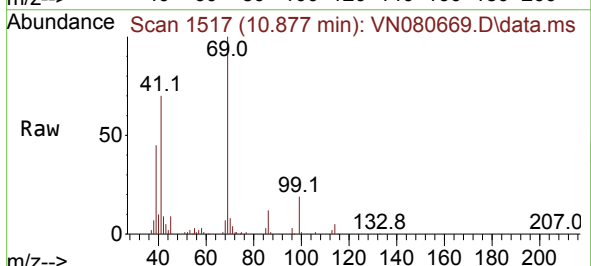
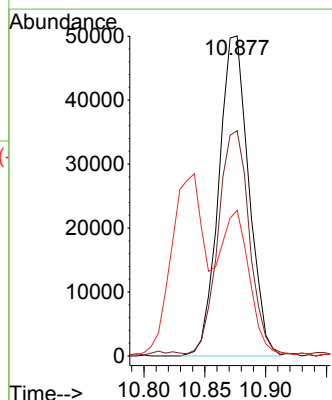
Tgt Ion: 69 Resp: 85871

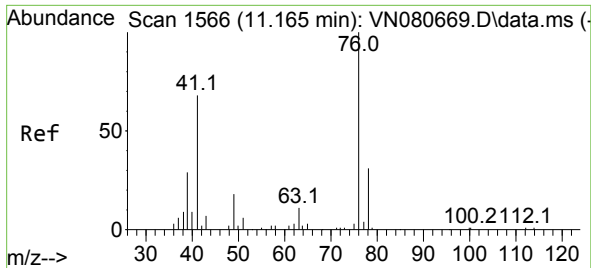
Ion Ratio Lower Upper

69 100

41 69.5 25.5 76.5

39 43.9 16.0 47.9

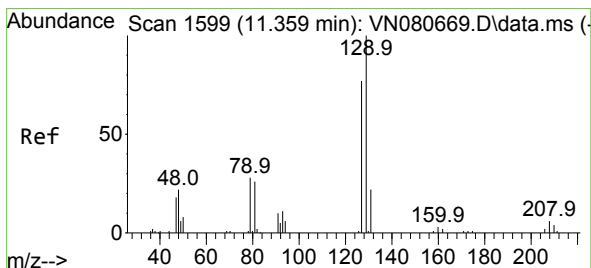
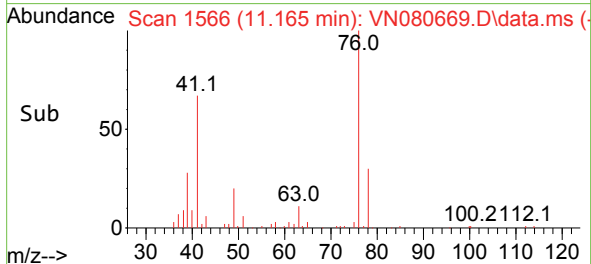
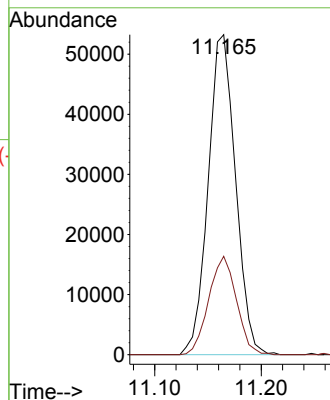
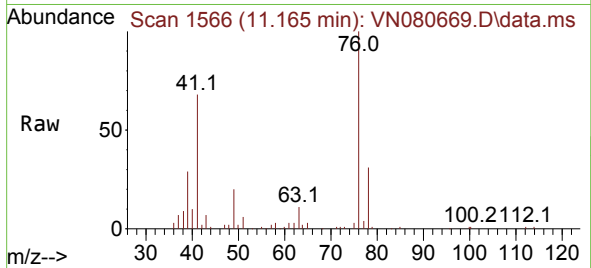




#52
1,3-Dichloropropane
Concen: 19.676 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

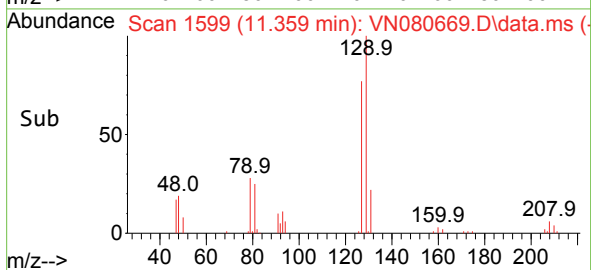
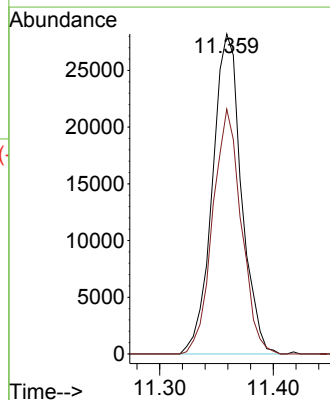
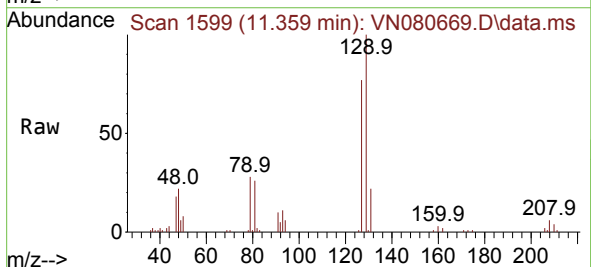
Instrument :
MSVOA_N
ClientSampleId :

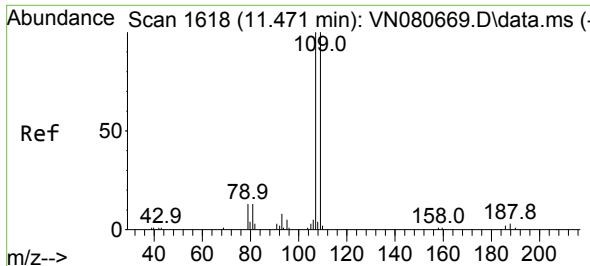
Tgt Ion: 76 Resp: 94918
Ion Ratio Lower Upper
76 100
78 31.1 0.0 65.8



#53
Dibromochloromethane
Concen: 19.541 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 129 Resp: 50108
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.1

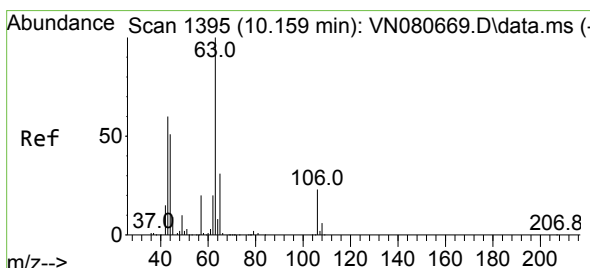
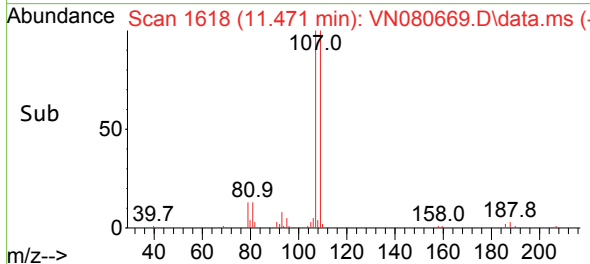
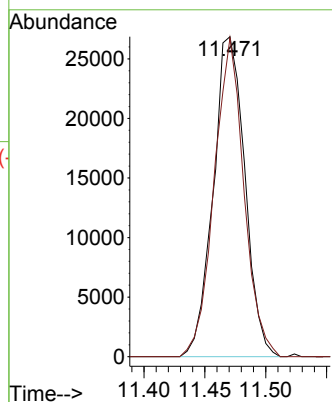
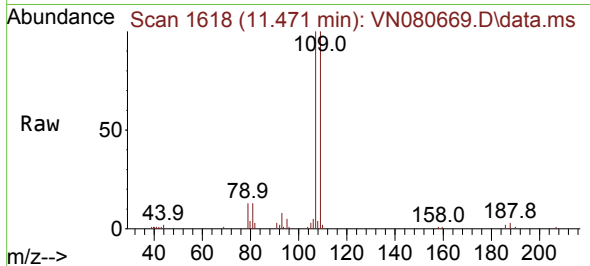




#54
1,2-Dibromoethane
Concen: 19.271 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

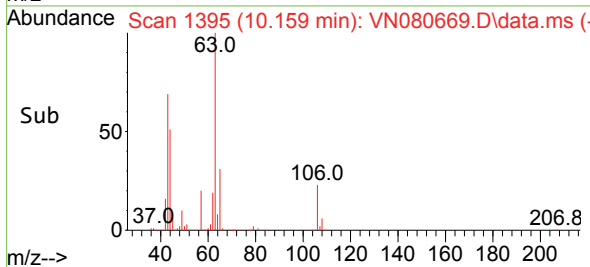
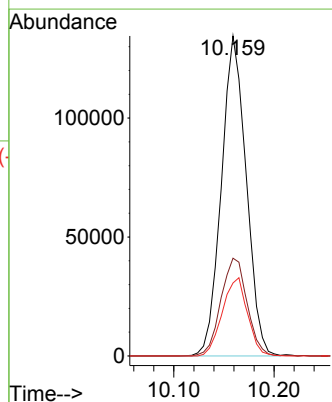
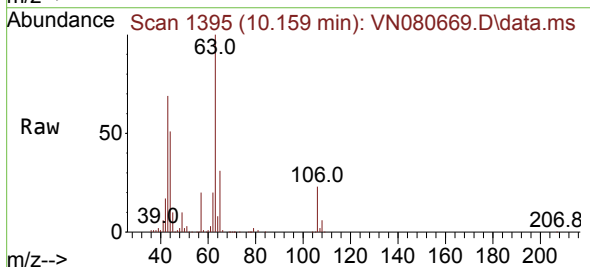
Instrument :
MSVOA_N
ClientSampleId :

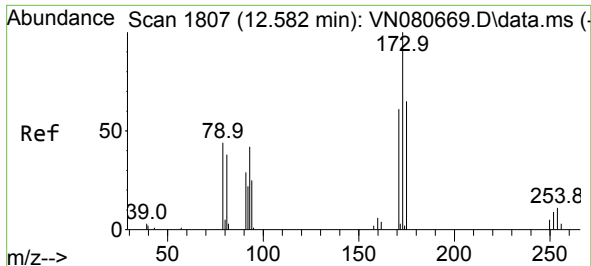
Tgt Ion:107 Resp: 48540
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 101.780 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 63 Resp: 231731
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 24.7 23.8 35.8

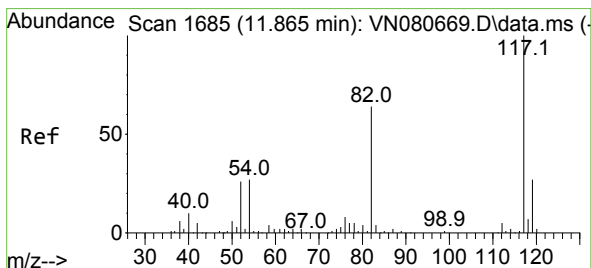
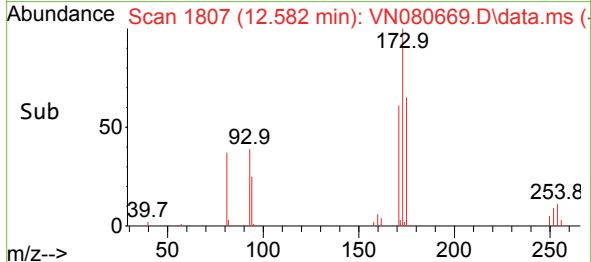
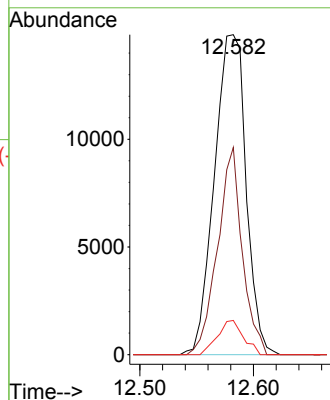
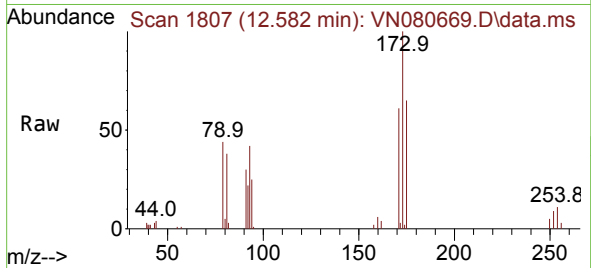




#56
Bromoform
Concen: 18.990 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

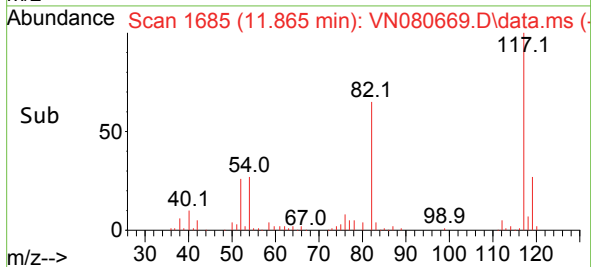
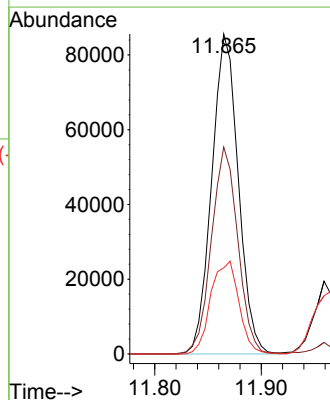
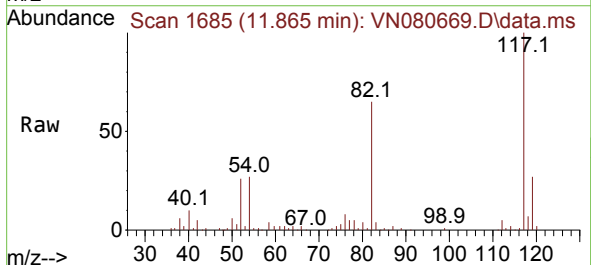
Instrument :
MSVOA_N
ClientSampleId :

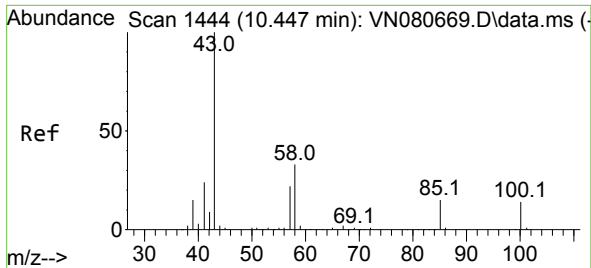
Tgt Ion:173 Resp: 28764
Ion Ratio Lower Upper
173 100
175 50.6 40.0 60.0
254 8.7 8.3 12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion:117 Resp: 148158
Ion Ratio Lower Upper
117 100
82 64.3 46.6 69.8
119 30.8 25.4 38.2

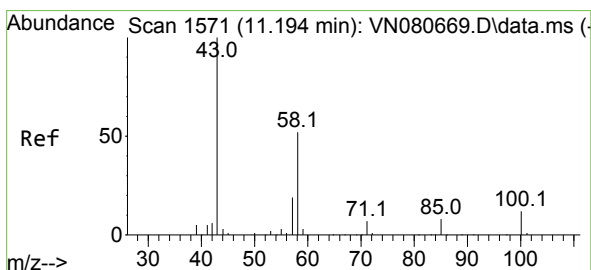
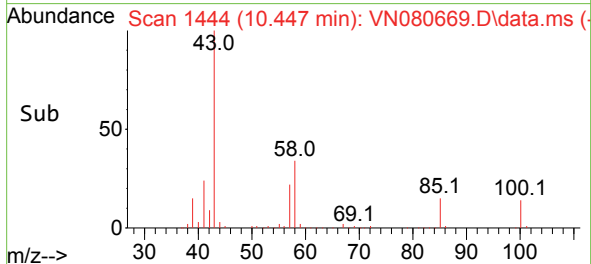
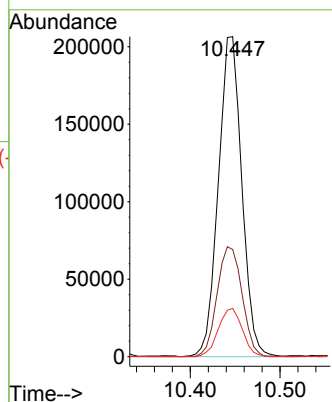
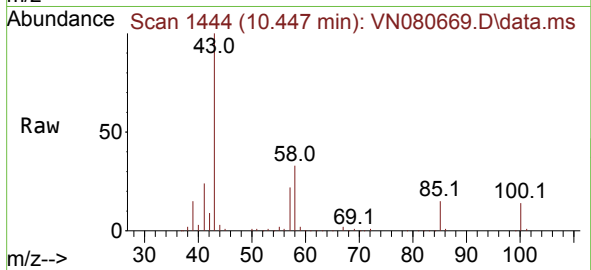




#58
4-Methyl-2-Pentanone
Concen: 96.313 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

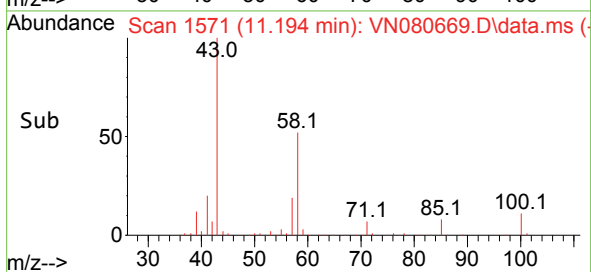
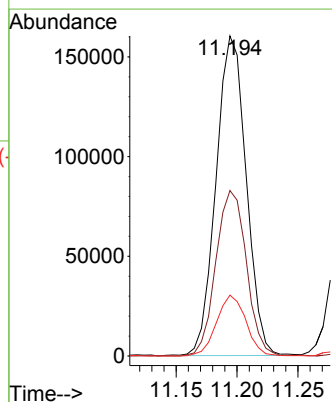
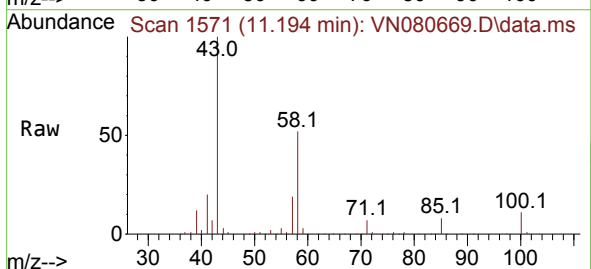
Instrument :
MSVOA_N
ClientSampleId :

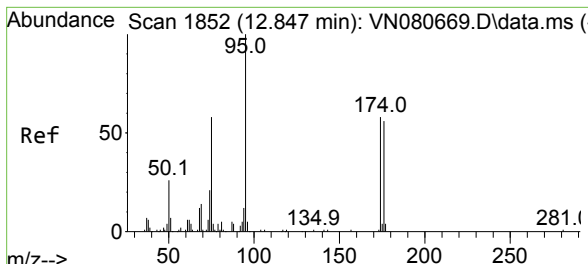
Tgt Ion: 43 Resp: 375373
Ion Ratio Lower Upper
43 100
58 36.4 36.5 54.7#
85 15.4 19.5 29.3#



#59
2-Hexanone
Concen: 94.900 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

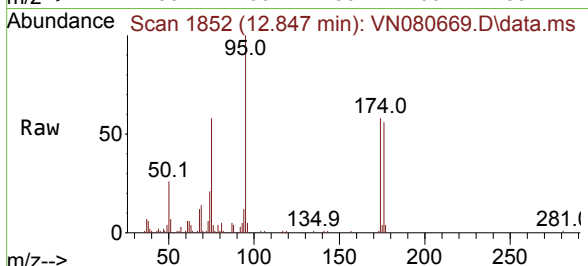
Tgt Ion: 43 Resp: 276154
Ion Ratio Lower Upper
43 100
58 52.3 50.4 75.6
57 18.6 18.6 27.8



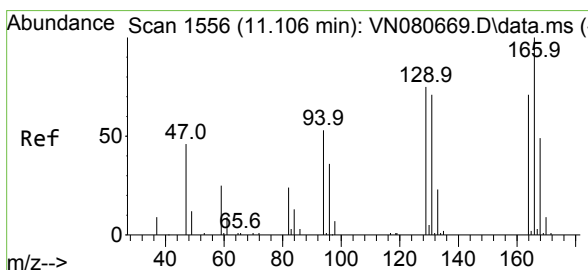
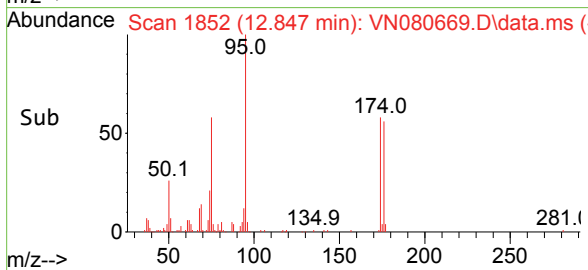
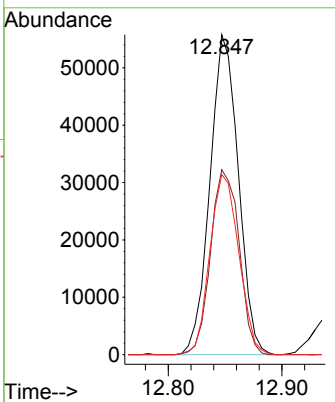


#60
 4-Bromofluorobenzene
 Concen: 29.591 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Instrument :
 MSVOA_N
 ClientSampleId :

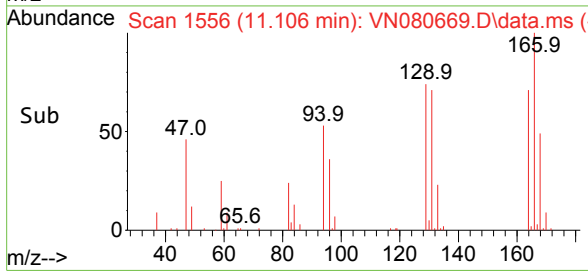
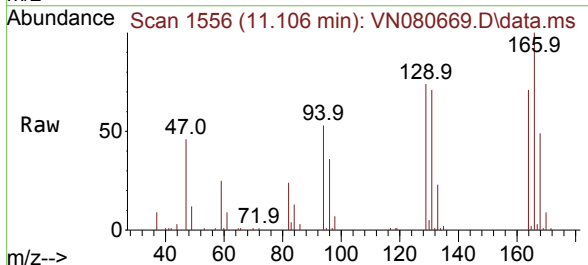
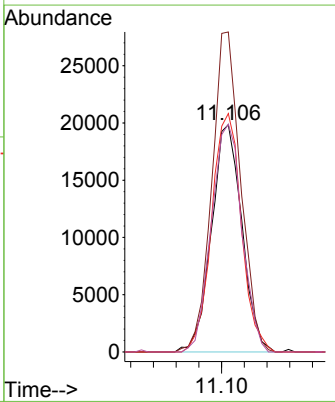


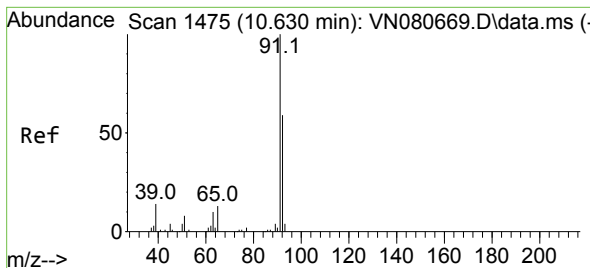
Tgt Ion:	95	Resp:	96985
Ion Ratio	Lower	Upper	
95	100		
174	57.9	60.5	90.7#
176	57.4	57.8	86.6#



#61
 Tetrachloroethene
 Concen: 18.695 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. -0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Tgt Ion:	164	Resp:	36871
Ion Ratio	Lower	Upper	
164	100		
166	140.9	106.7	160.1
129	105.0	85.8	128.6
131	100.3	79.1	118.7





#62

Toluene

Concen: 18.549 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

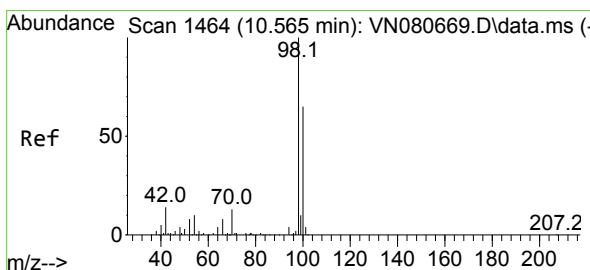
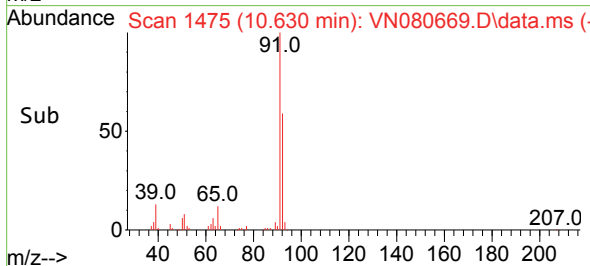
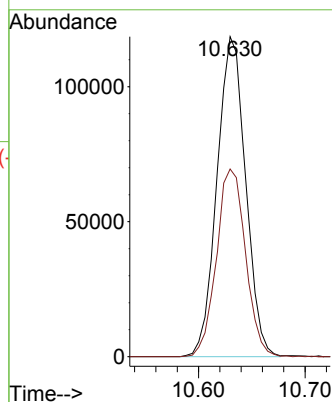
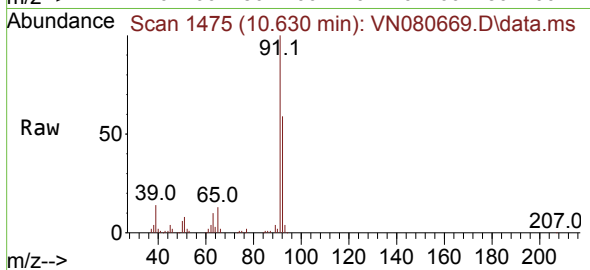
ClientSampleId :

Tgt Ion: 91 Resp: 221037

Ion Ratio Lower Upper

91 100

92 59.6 46.5 69.7



#63

Toluene-d8

Concen: 29.783 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080669.D

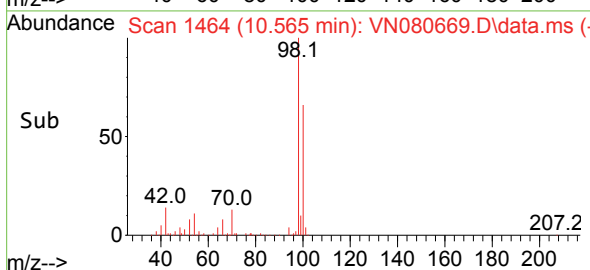
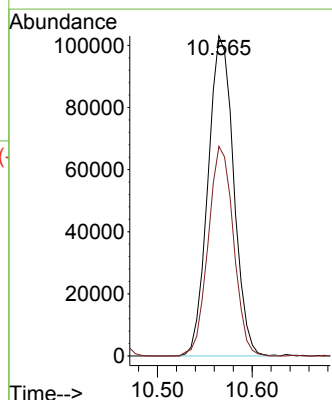
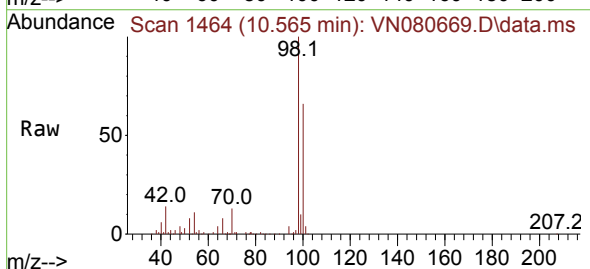
Acq: 11 Jan 2024 11:16

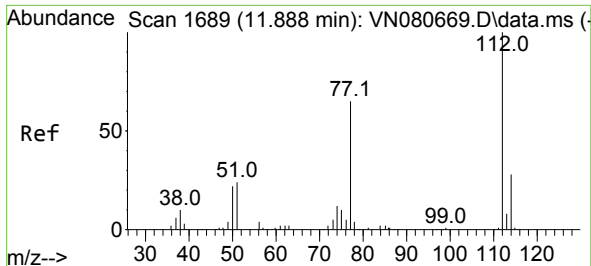
Tgt Ion: 98 Resp: 193656

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1

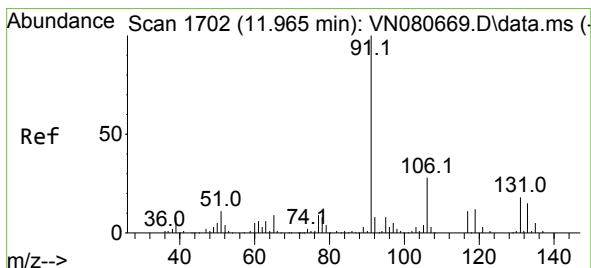
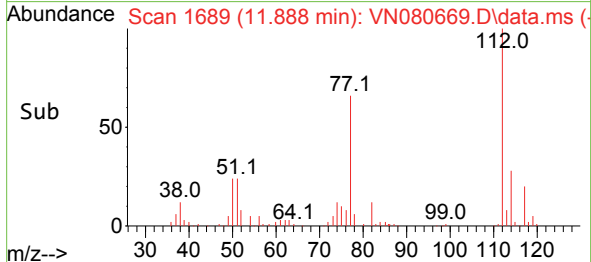
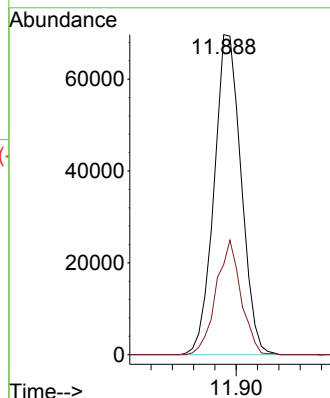
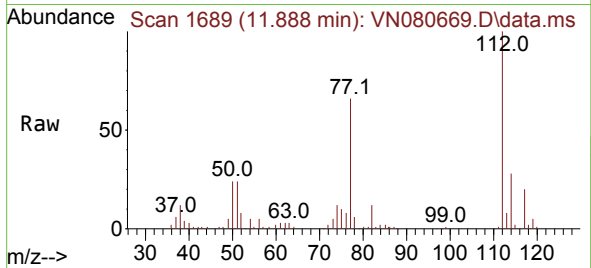




#64
Chlorobenzene
Concen: 18.526 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

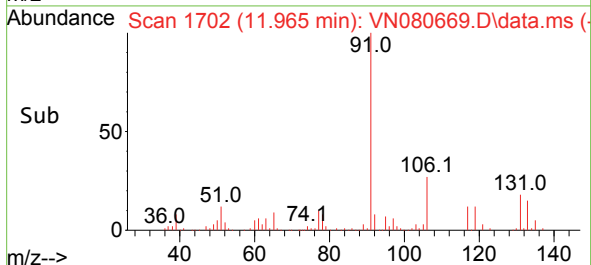
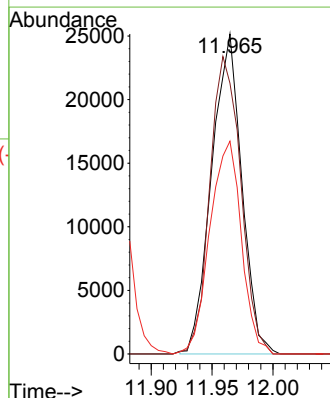
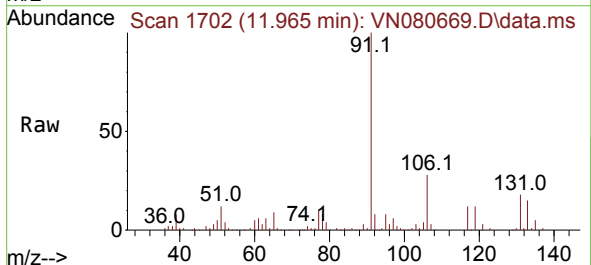
Instrument :
MSVOA_N
ClientSampleId :

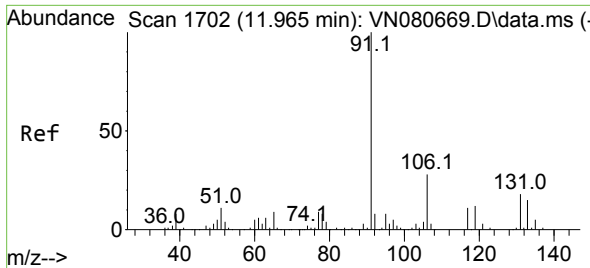
Tgt Ion:112 Resp: 122962
Ion Ratio Lower Upper
112 100
114 28.2 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 18.159 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion:131 Resp: 43304
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.0
119 69.5 0.0 122.8

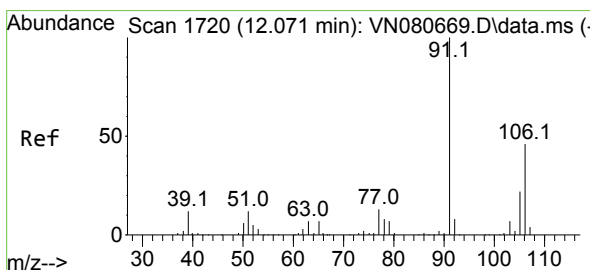
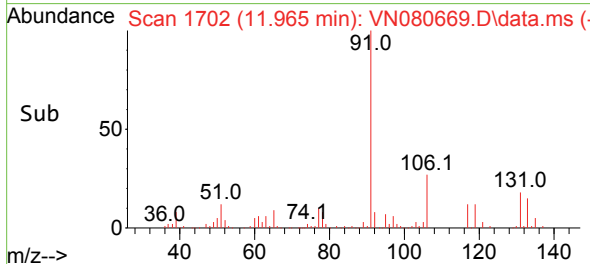
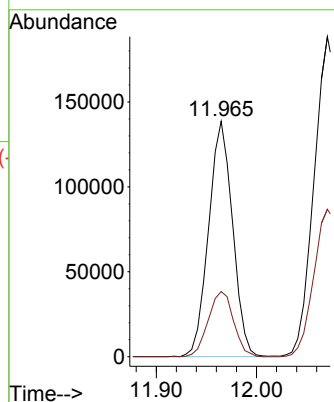
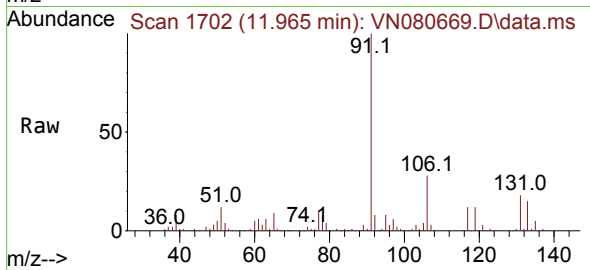




#66
Ethyl Benzene
Concen: 18.385 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

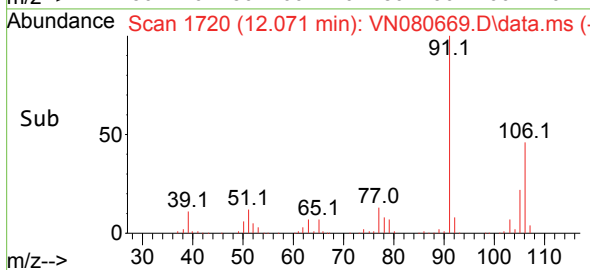
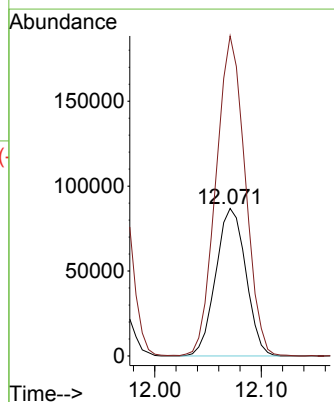
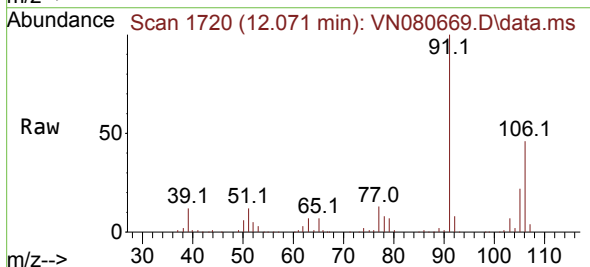
Instrument :
MSVOA_N
ClientSampleId :

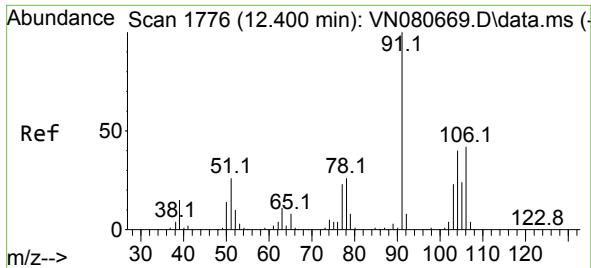
Tgt Ion: 91 Resp: 230430
Ion Ratio Lower Upper
91 100
106 27.7 24.4 36.6



#67
m/p-Xylenes
Concen: 37.796 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion:106 Resp: 170261
Ion Ratio Lower Upper
106 100
91 211.1 166.6 249.8

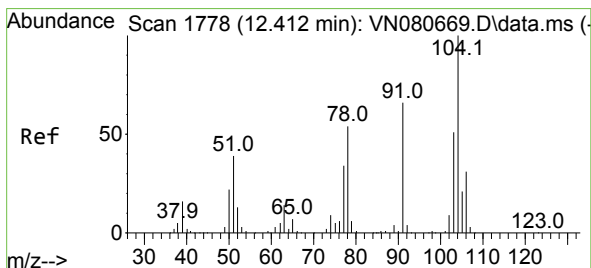
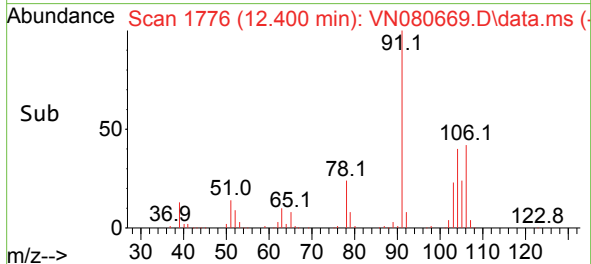
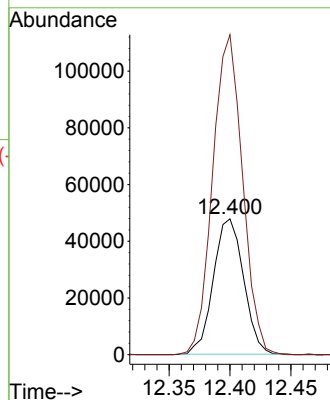
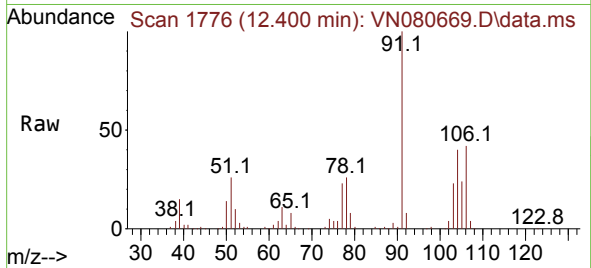




#68
o-Xylene
Concen: 18.332 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

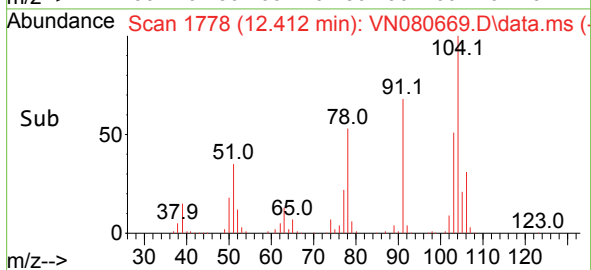
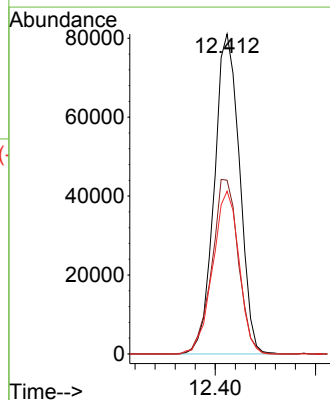
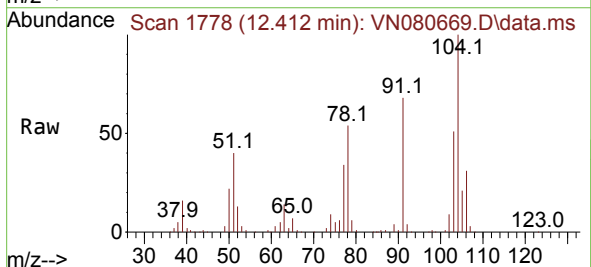
Instrument :
MSVOA_N
ClientSampleId :

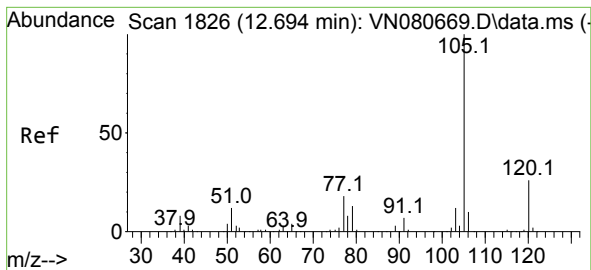
Tgt Ion:106 Resp: 82357
Ion Ratio Lower Upper
106 100
91 234.2 110.0 330.0



#69
Styrene
Concen: 18.723 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion:104 Resp: 141317
Ion Ratio Lower Upper
104 100
78 57.2 42.6 64.0
103 53.1 43.7 65.5





#70

Isopropylbenzene

Concen: 18.732 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

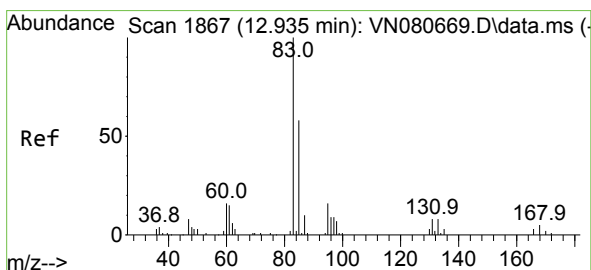
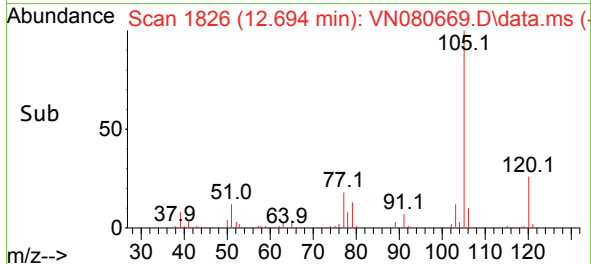
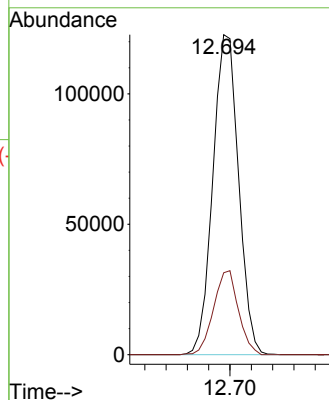
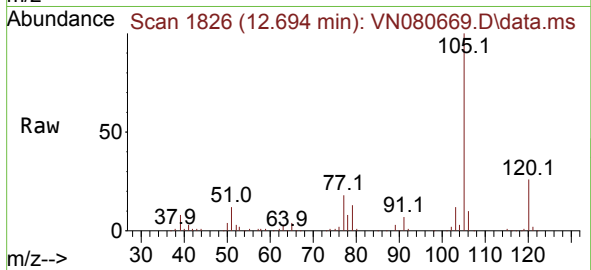
ClientSampleId :

Tgt Ion:105 Resp: 205683

Ion Ratio Lower Upper

105 100

120 25.4 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 19.084 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

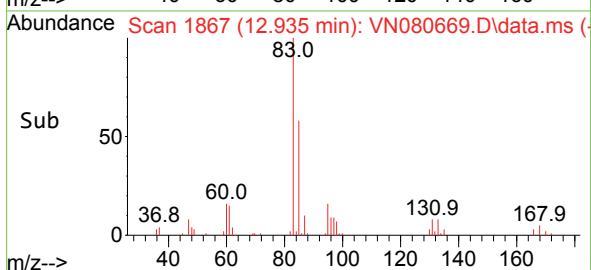
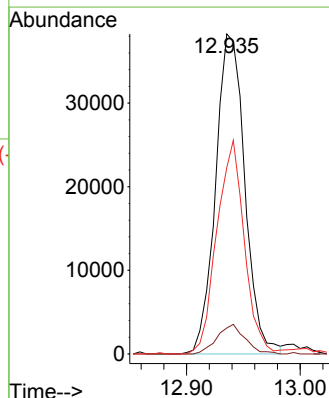
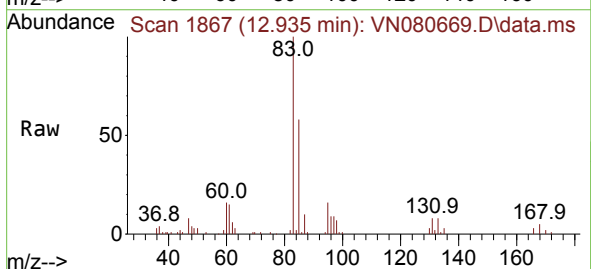
Tgt Ion: 83 Resp: 68396

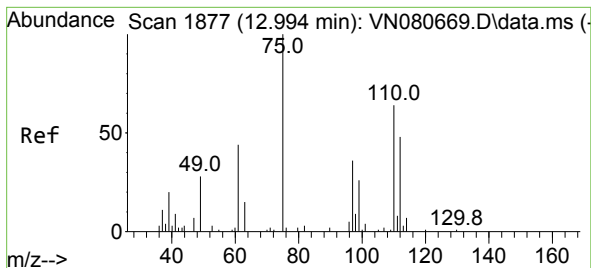
Ion Ratio Lower Upper

83 100

131 8.6 5.2 15.6

85 62.6 32.3 96.8





#72

1,2,3-Trichloropropane

Concen: 25.752 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

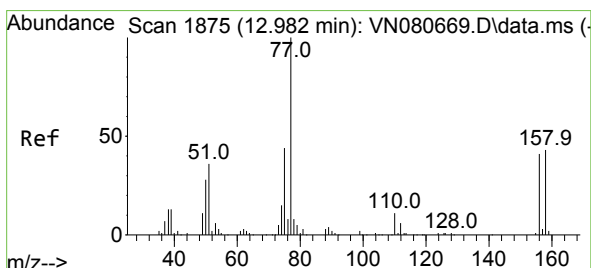
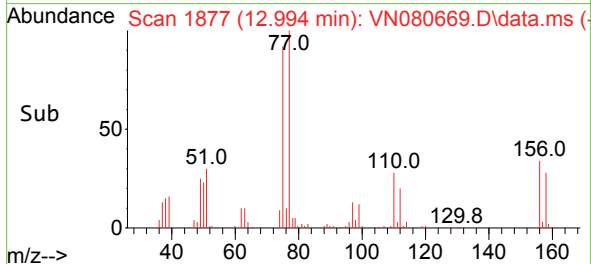
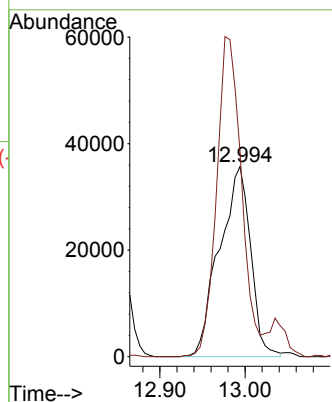
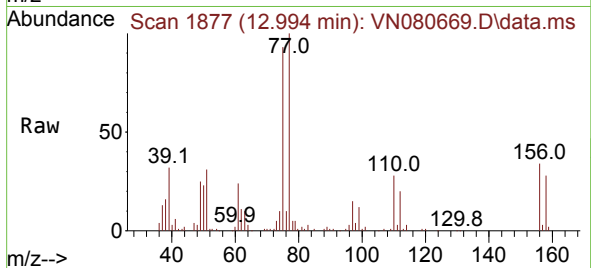
ClientSampleId :

Tgt Ion: 75 Resp: 90678

Ion Ratio Lower Upper

75 100

77 134.2 0.0 367.6



#73

Bromobenzene

Concen: 18.751 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

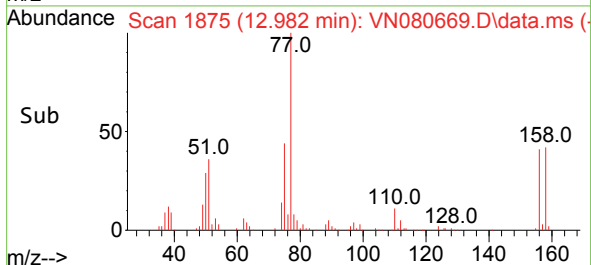
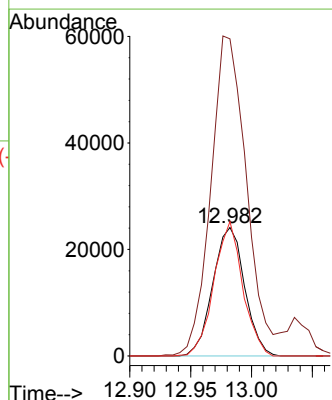
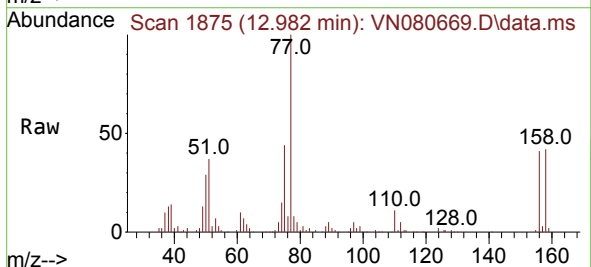
Tgt Ion:156 Resp: 43885

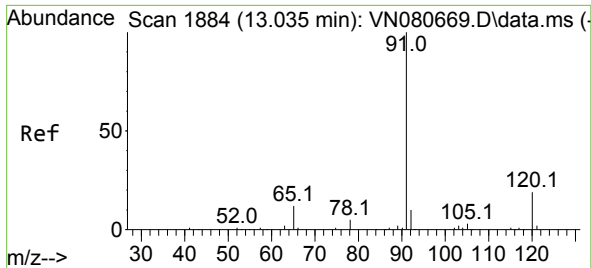
Ion Ratio Lower Upper

156 100

77 277.2 0.0 437.6

158 94.6 0.0 203.8

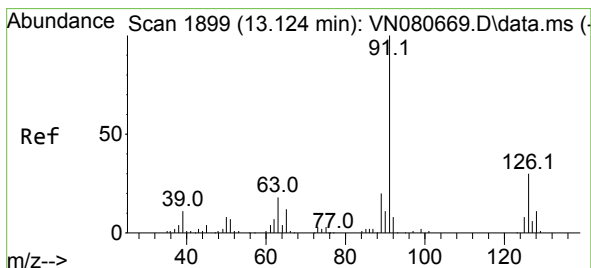
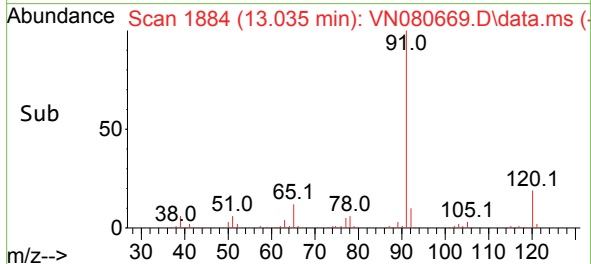
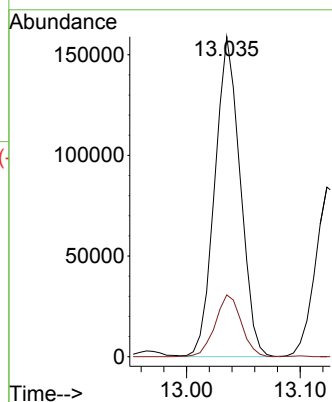
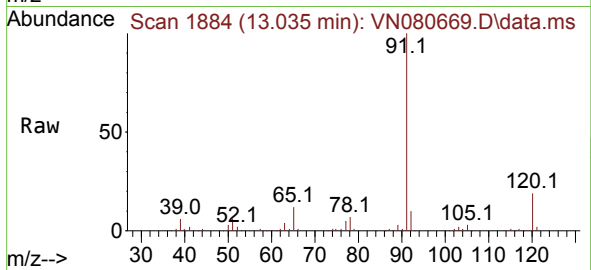




#74
n-propylbenzene
Concen: 18.611 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

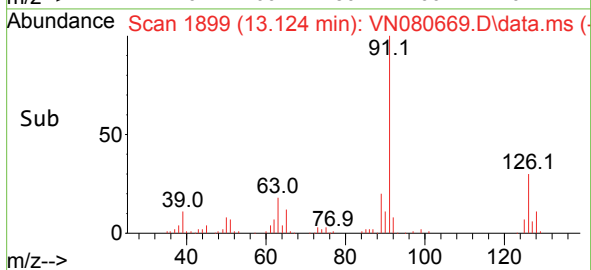
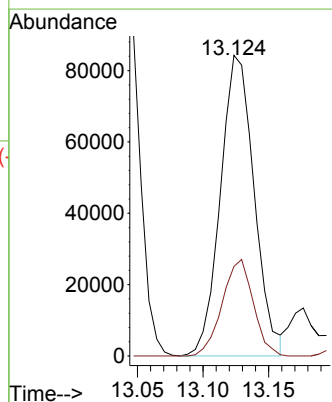
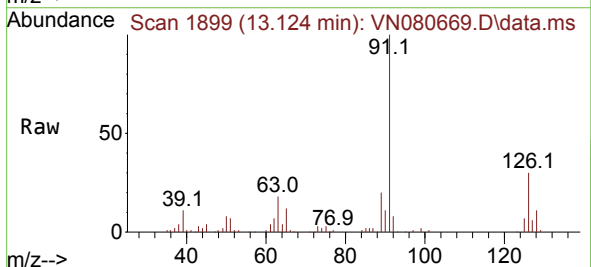
Instrument :
MSVOA_N
ClientSampleId :

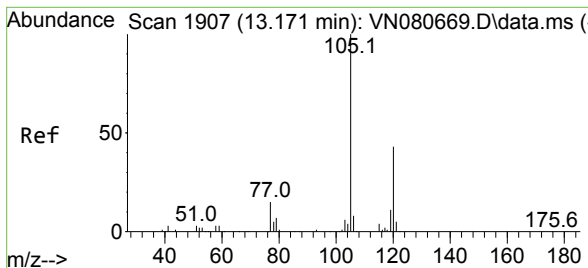
Tgt Ion: 91 Resp: 246455
Ion Ratio Lower Upper
91 100
120 19.9 0.0 43.8



#75
2-Chlorotoluene
Concen: 18.144 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 91 Resp: 151095
Ion Ratio Lower Upper
91 100
126 29.5 0.0 61.2

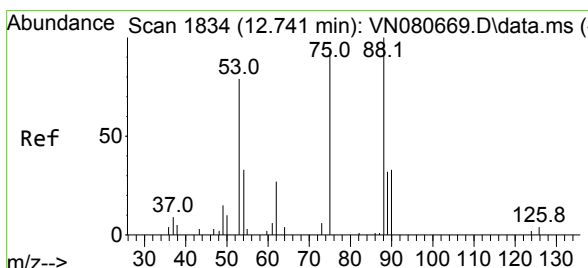
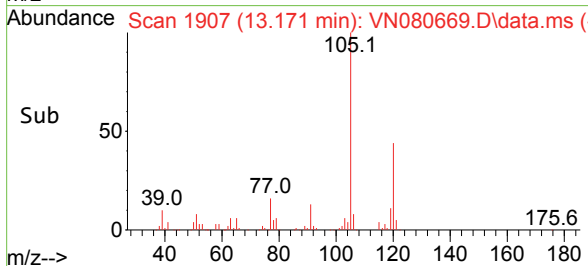
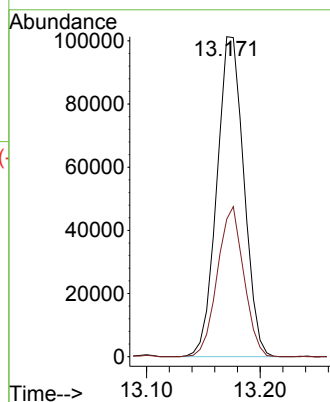
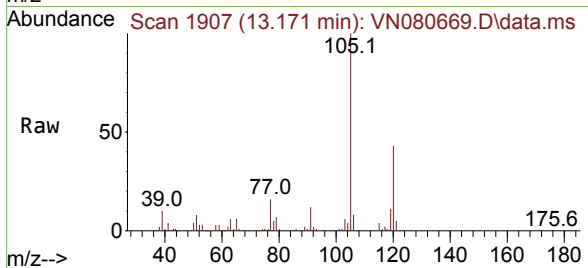




#76
1,3,5-Trimethylbenzene
Concen: 18.360 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

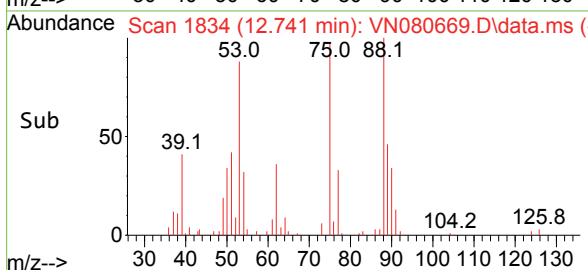
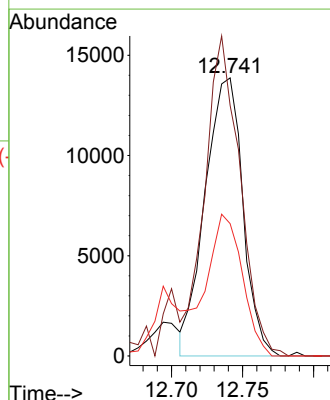
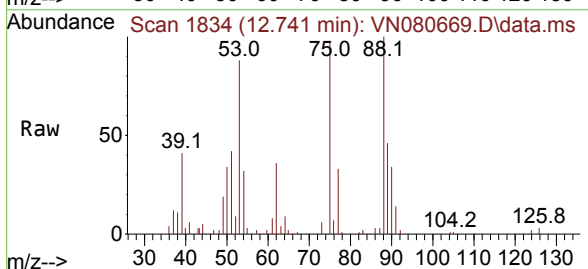
Instrument :
MSVOA_N
ClientSampleId :

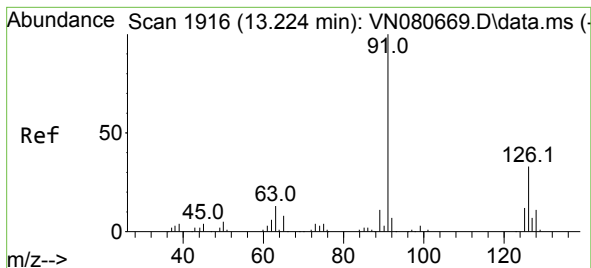
Tgt Ion:105 Resp: 167787
Ion Ratio Lower Upper
105 100
120 45.7 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 18.418 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

Tgt Ion: 75 Resp: 25647
Ion Ratio Lower Upper
75 100
53 88.2 45.9 137.7
89 47.6 25.9 77.7





#78

4-Chlorotoluene

Concen: 17.909 ug/l

RT: 13.224 min Scan# 1916

Delta R.T. -0.001 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

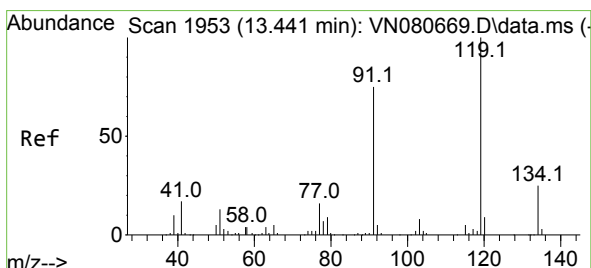
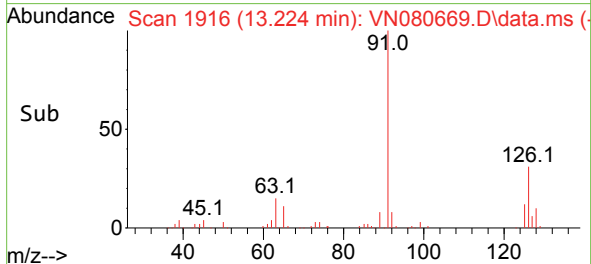
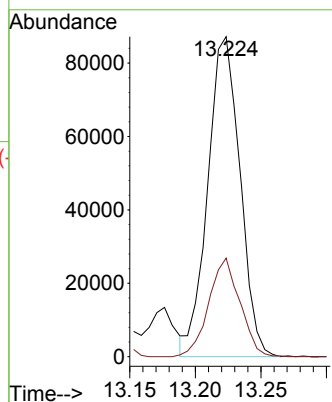
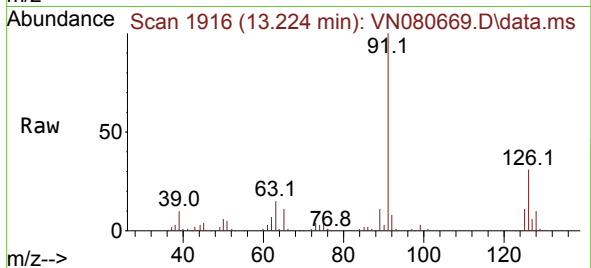
ClientSampleId :

Tgt Ion: 91 Resp: 149076

Ion Ratio Lower Upper

91 100

126 29.8 0.0 62.8



#79

tert-butylbenzene

Concen: 18.564 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

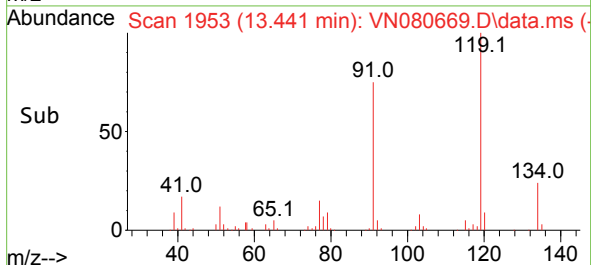
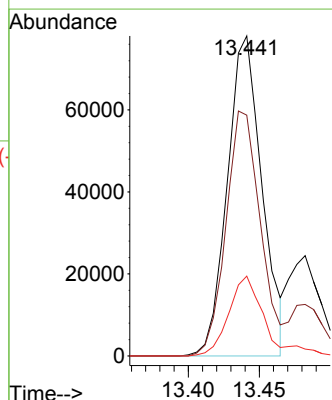
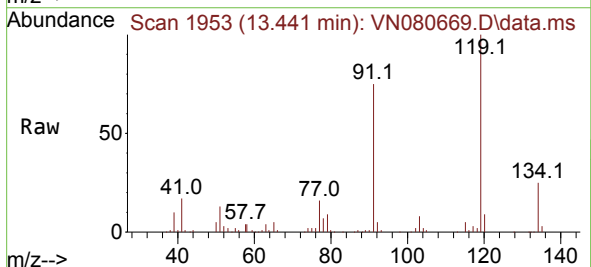
Tgt Ion: 119 Resp: 132422

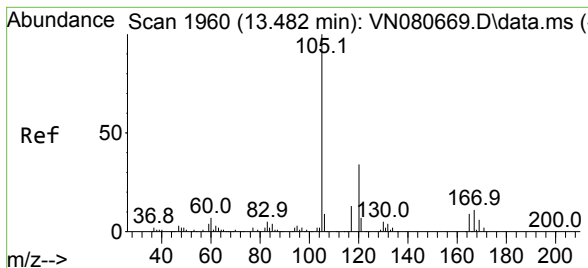
Ion Ratio Lower Upper

119 100

91 76.0 0.0 138.8

134 23.4 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 19.259 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

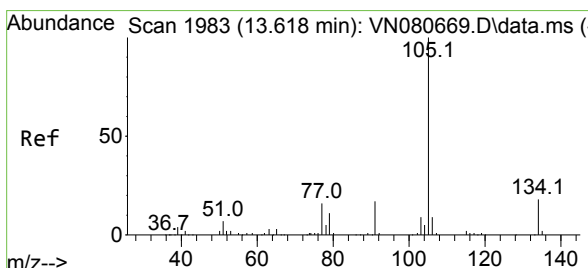
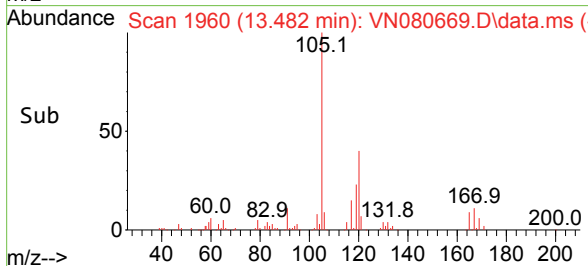
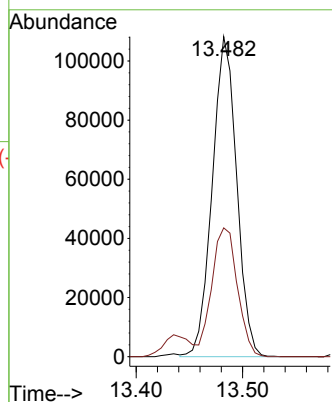
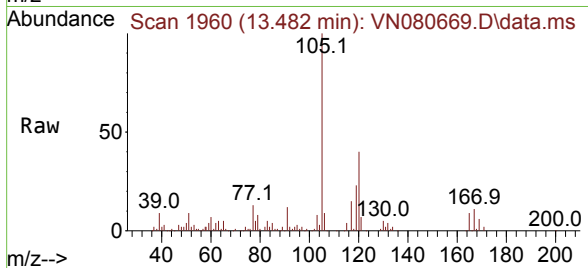
ClientSampleId :

Tgt Ion:105 Resp: 172195

Ion Ratio Lower Upper

105 100

120 41.9 0.0 86.8



#81

sec-Butylbenzene

Concen: 18.337 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080669.D

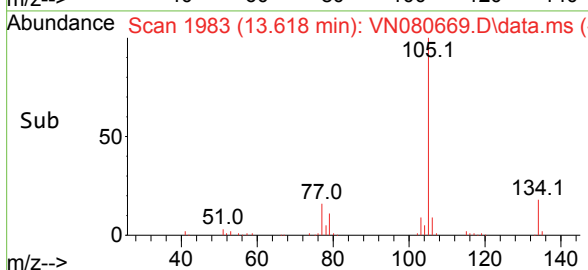
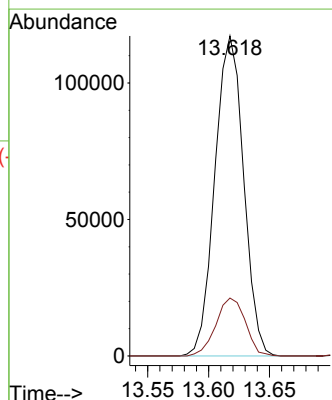
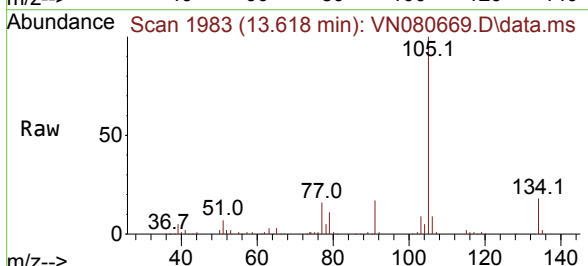
Acq: 11 Jan 2024 11:16

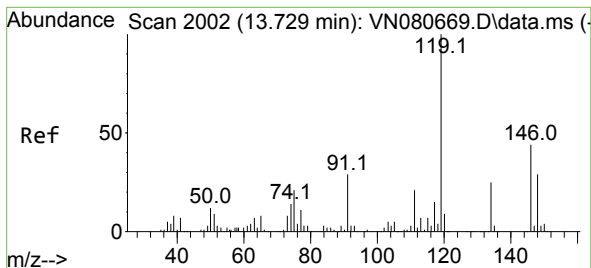
Tgt Ion:105 Resp: 192554

Ion Ratio Lower Upper

105 100

134 18.6 0.0 39.0





#82

p-Isopropyltoluene

Concen: 18.746 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

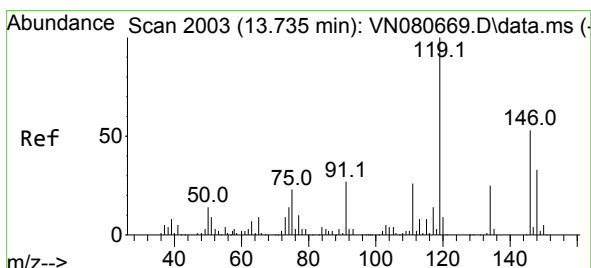
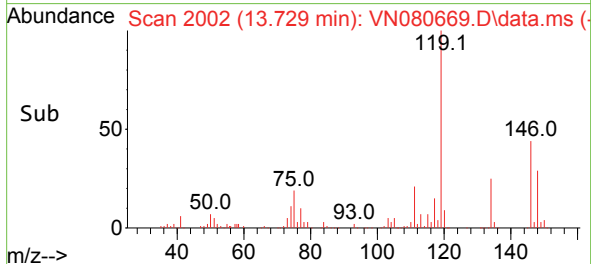
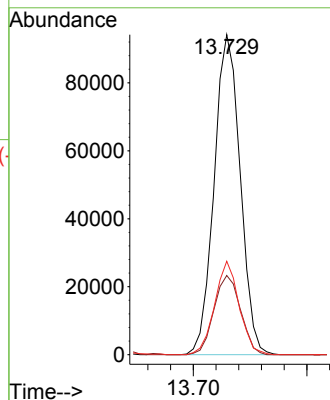
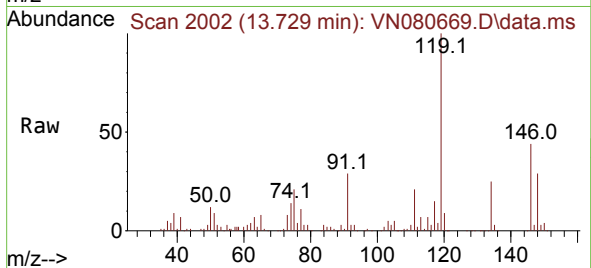
Tgt Ion:119 Resp: 150120

Ion Ratio Lower Upper

119 100

134 25.2 0.0 49.2

91 27.4 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 18.708 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

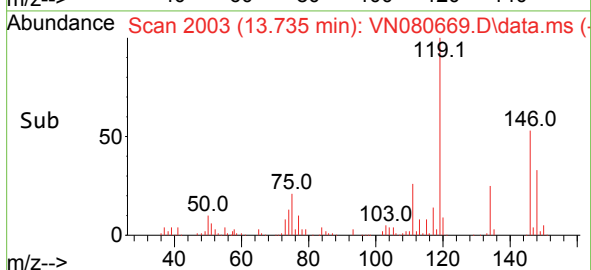
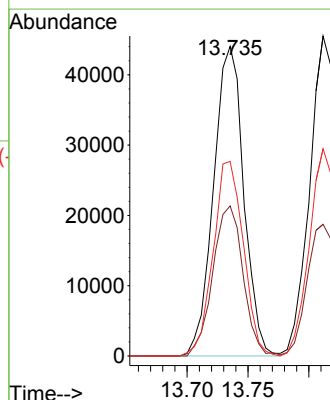
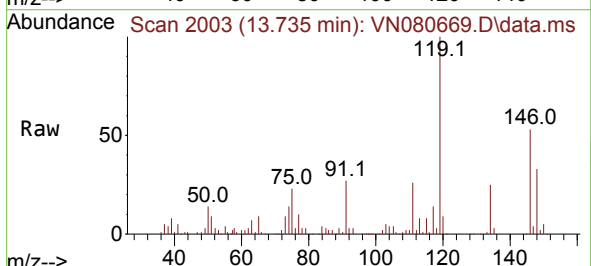
Tgt Ion:146 Resp: 75959

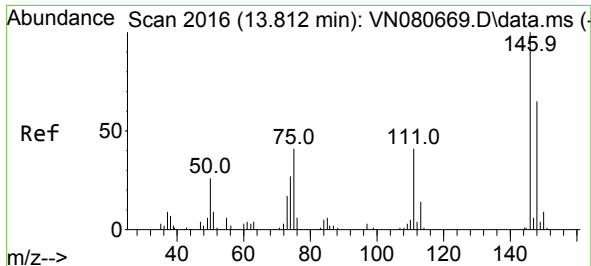
Ion Ratio Lower Upper

146 100

111 48.5 22.4 67.0

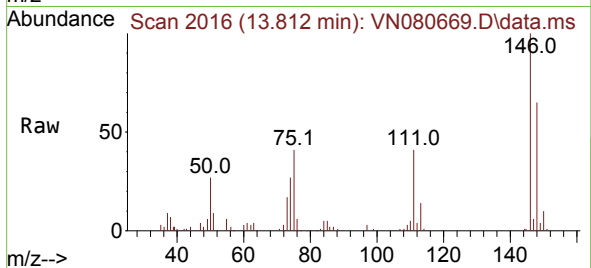
148 62.7 32.1 96.5



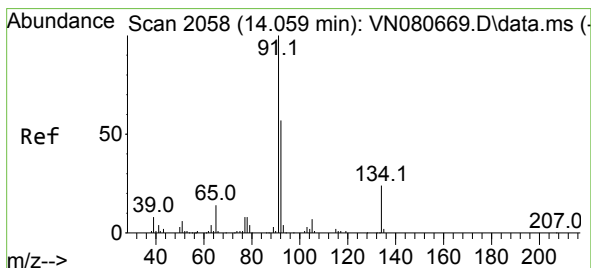
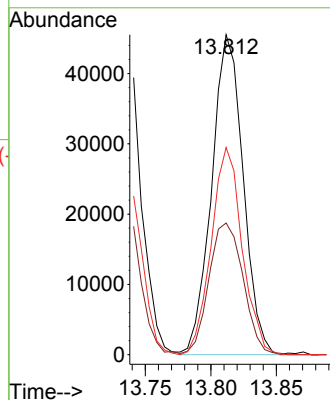
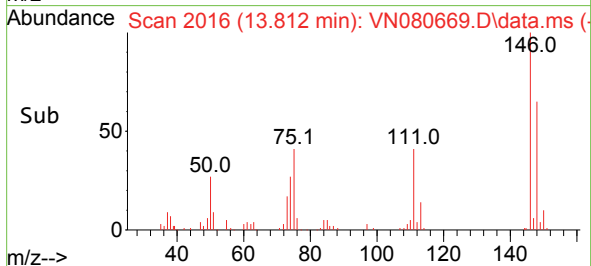


#84
1,4-Dichlorobenzene
Concen: 18.567 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16

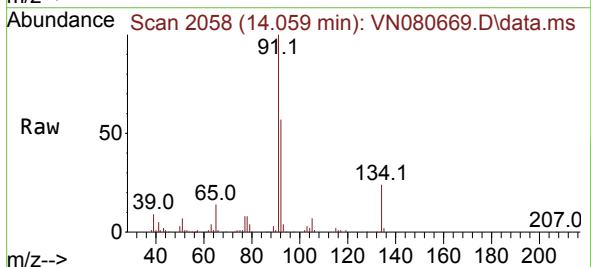
Instrument :
MSVOA_N
ClientSampleId :



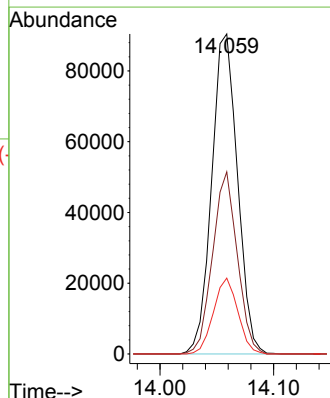
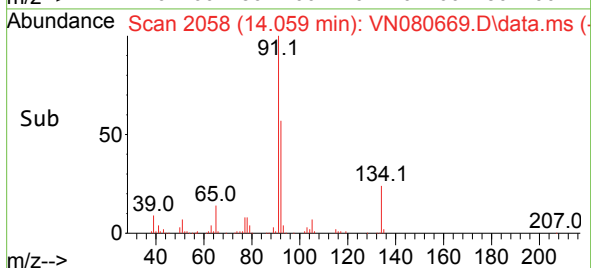
Tgt Ion:146 Resp: 75906
Ion Ratio Lower Upper
146 100
111 44.8 21.3 63.9
148 63.8 31.9 95.5

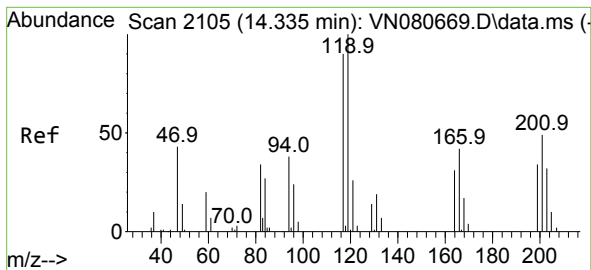


#85
n-Butylbenzene
Concen: 18.054 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080669.D
Acq: 11 Jan 2024 11:16



Tgt Ion: 91 Resp: 142849
Ion Ratio Lower Upper
91 100
92 54.4 0.0 105.0
134 22.5 0.0 51.8





#86

Hexachloroethane

Concen: 16.539 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

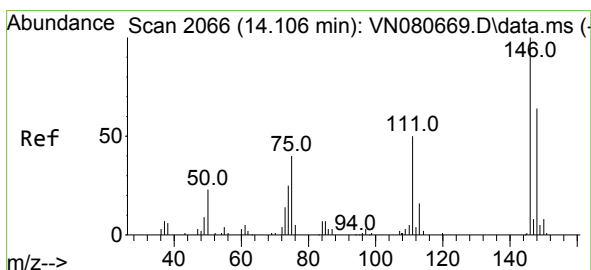
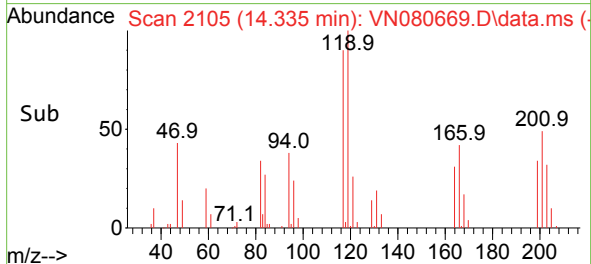
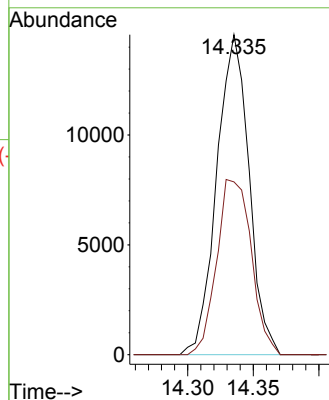
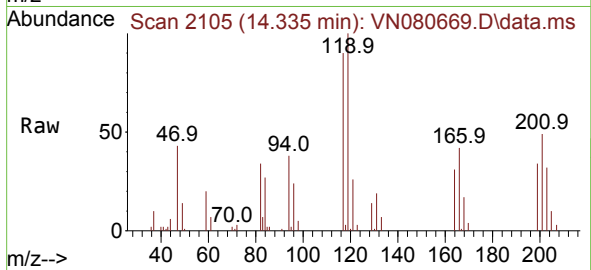
ClientSampleId :

Tgt Ion:117 Resp: 24907

Ion Ratio Lower Upper

117 100

201 58.6 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 18.621 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

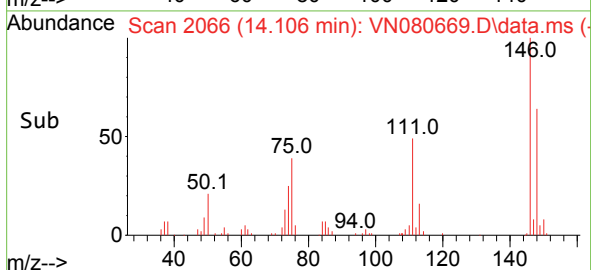
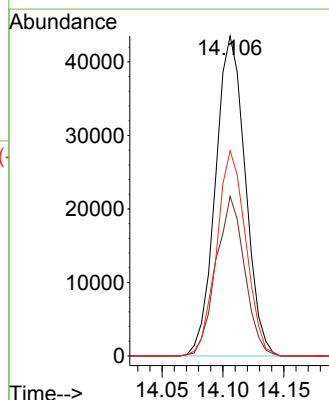
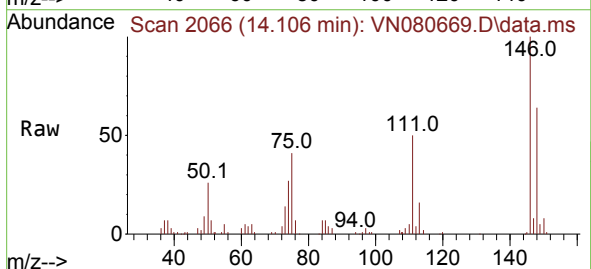
Tgt Ion:146 Resp: 74168

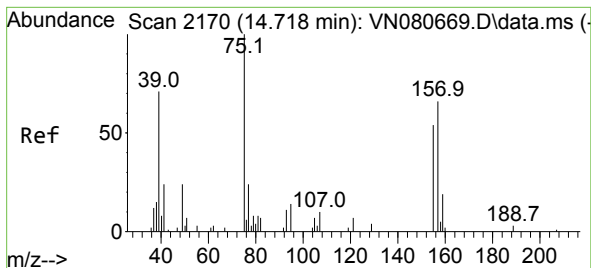
Ion Ratio Lower Upper

146 100

111 47.9 22.6 67.8

148 62.8 31.3 93.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.733 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.000 min MSVOA_N

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

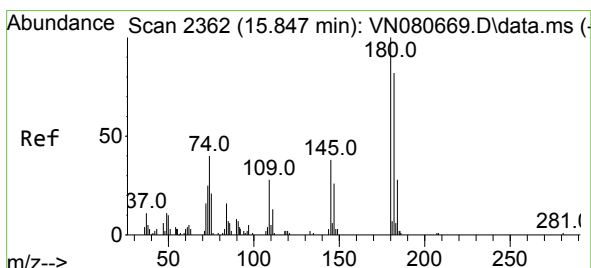
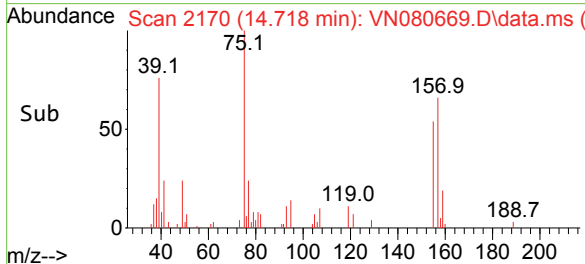
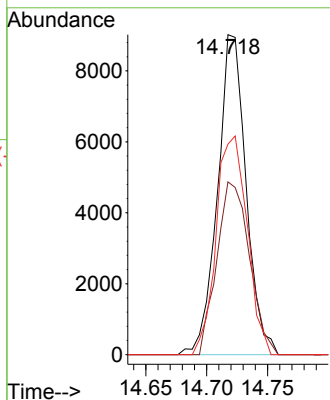
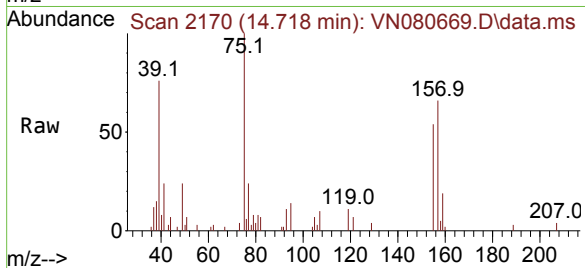
Tgt Ion: 75 Resp: 14725

Ion Ratio Lower Upper

75 100

155 61.7 61.7 92.5

157 74.3 83.6 125.4#



#89

1,2,4-Trichlorobenzene

Concen: 19.053 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

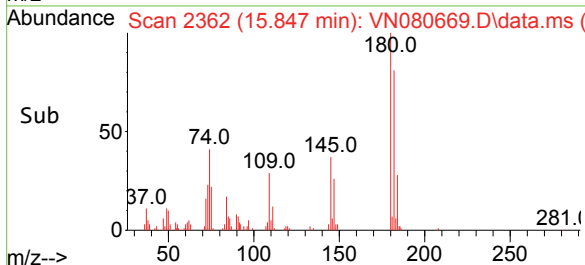
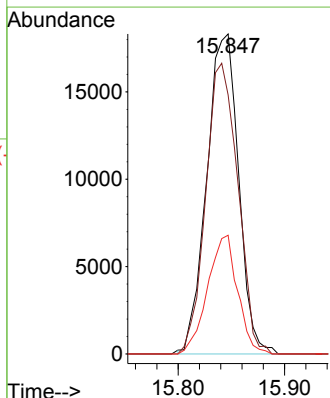
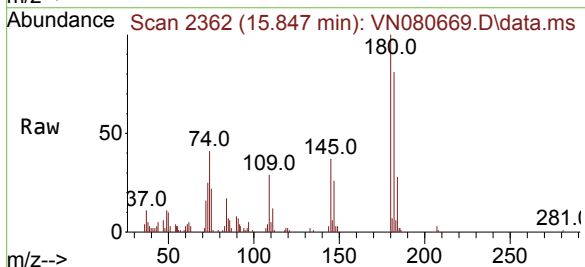
Tgt Ion:180 Resp: 38064

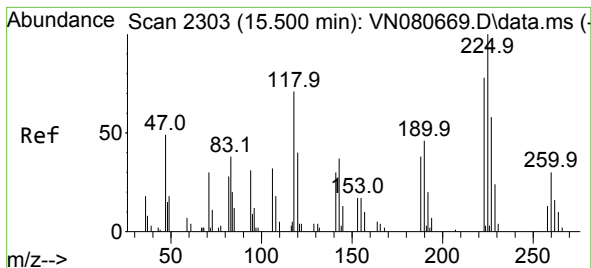
Ion Ratio Lower Upper

180 100

182 91.3 76.4 114.6

145 34.9 28.4 42.6





#90

Hexachlorobutadiene

Concen: 17.725 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080669.D

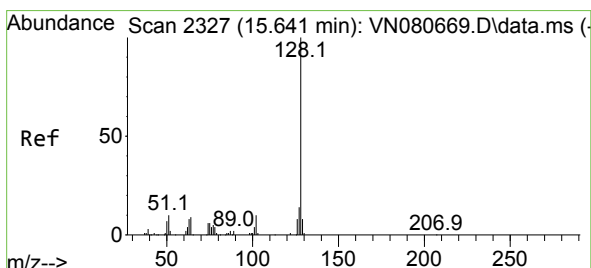
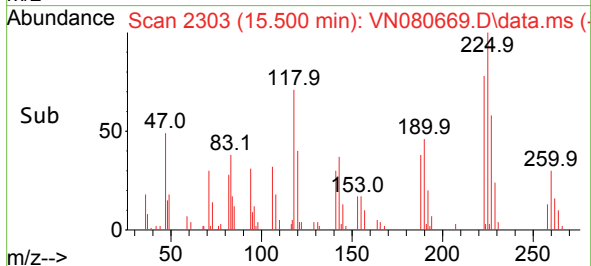
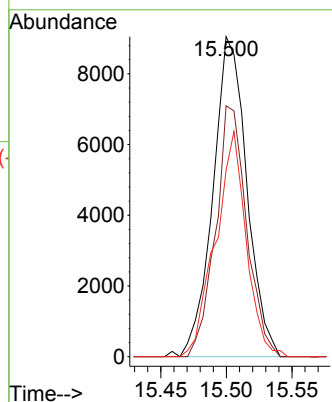
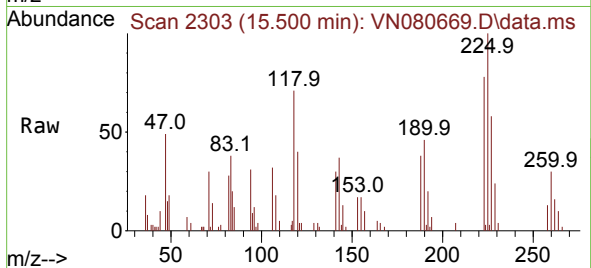
Acq: 11 Jan 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	16224
Ion Ratio	Lower	Upper	
225	100		
223	72.1	0.0	126.6
227	64.0	0.0	126.6



#91

Naphthalene

Concen: 19.317 ug/l

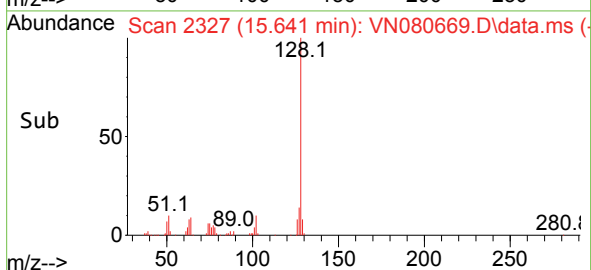
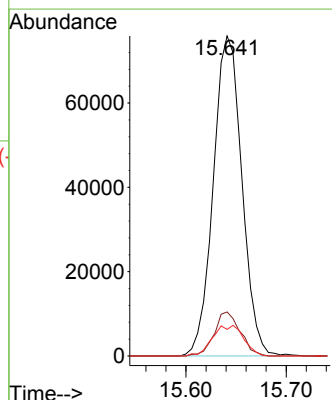
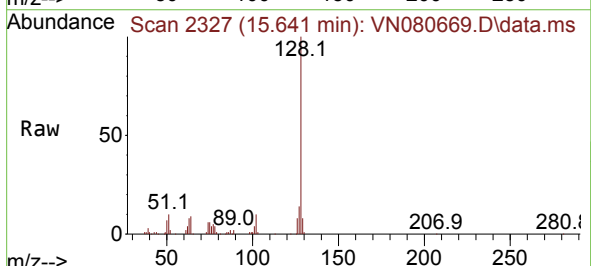
RT: 15.641 min Scan# 2327

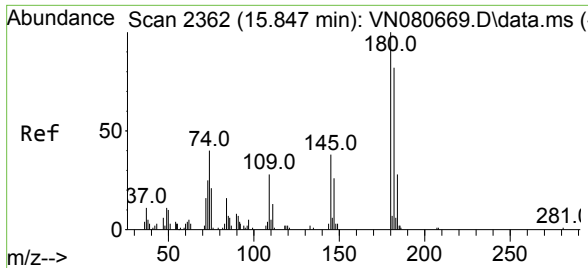
Delta R.T. -0.000 min

Lab File: VN080669.D

Acq: 11 Jan 2024 11:16

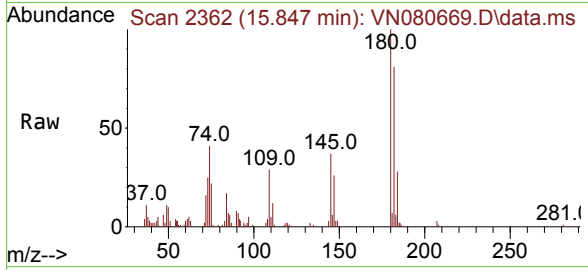
Tgt Ion:	128	Resp:	150444
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	16.0
129	5.7	8.6	13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 19.053 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080669.D
 Acq: 11 Jan 2024 11:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	38064
Ion Ratio	Lower	Upper	
180	100		
182	91.3	0.0	191.0
145	34.9	0.0	71.0

