

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080666.D
 Acq On : 11 Jan 2024 10:06
 Operator : JC\MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 04:38:20 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	7.812	128	16458	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129857	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	141696	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72112	27.133	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.433%#
60) 4-Bromofluorobenzene	12.847	95	98896	31.551	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.167%
63) Toluene-d8	10.565	98	186515	29.993	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	403997	144.430	ug/l	99
3) Chloromethane	2.359	50	534526	140.284	ug/l	97
4) Vinyl Chloride	2.512	62	410967	141.786	ug/l	98
5) Bromomethane	2.942	94	136431	128.191	ug/l	95
6) Chloroethane	3.118	64	211037	134.675	ug/l	92
7) Trichlorofluoromethane	3.495	101	612452	141.438	ug/l	97
8) Diethyl Ether	3.953	74	272653	143.210	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	360714	144.558	ug/l	88
10) 1,1-Dichloroethene	4.336	96	374215	139.331	ug/l	# 83
11) Methyl Iodide	4.589	142	312898	136.869	ug/l	93
12) Methyl Acetate	5.018	43	409308	129.074	ug/l	# 81
13) Acrolein	4.171	56	257955	610.493	ug/l	99
14) Acrylonitrile	5.712	53	931049	651.547	ug/l	98
15) Acetone	4.418	58	200617	619.146	ug/l	84
16) Carbon Disulfide	4.712	76	1108082	133.446	ug/l	97
17) Allyl chloride	5.018	41	719314	131.501	ug/l	87
18) Methylene Chloride	5.271	84	419819	134.787	ug/l	# 83
19) trans-1,2-Dichloroethene	5.783	96	380111	134.883	ug/l	88
20) Diisopropyl ether	6.665	45	1472345	133.812	ug/l	# 92
21) 1,1-Dichloroethane	6.565	63	800566	133.888	ug/l	94
23) tert-Butyl Alcohol	5.512	59	314503	638.006	ug/l	# 100
25) Chloroform	7.965	83	748069	134.375	ug/l	96
26) Cyclohexane	8.259	56	653095	138.896	ug/l	# 89
29) 1,1-Dichloropropene	8.371	75	588962	149.202	ug/l	97
30) 2-Butanone	7.477	43	1188197	680.238	ug/l	91
31) 2,2-Dichloropropane	7.489	77	712651	150.283	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	657084	151.279	ug/l	# 94
33) Carbon Tetrachloride	8.359	117	521424	152.001	ug/l	96
34) Benzene	8.606	78	1683560	143.790	ug/l	97
35) Methacrylonitrile	7.777	41	315622	143.998	ug/l	90
36) 1,2-Dichloroethane	8.671	62	625775	145.353	ug/l	# 94
37) Trichloroethene	9.353	130	369303	144.626	ug/l	86
38) Methylcyclohexane	9.600	83	582051	151.355	ug/l	91
39) 1,2-Dichloropropane	9.624	63	452043	143.242	ug/l	98
40) Dibromomethane	9.706	93	263698	140.436	ug/l	87
41) Bromodichloromethane	9.888	83	604890	147.209	ug/l	# 97
42) Vinyl Acetate	6.600	43	5718981	704.441	ug/l	# 93
43) Ethyl Acetate	7.559	43	521499	142.179	ug/l	99
44) Isopropyl Acetate	8.688	43	987564	141.047	ug/l	91

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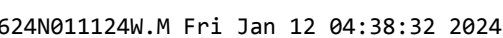
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 ClientSampleId :

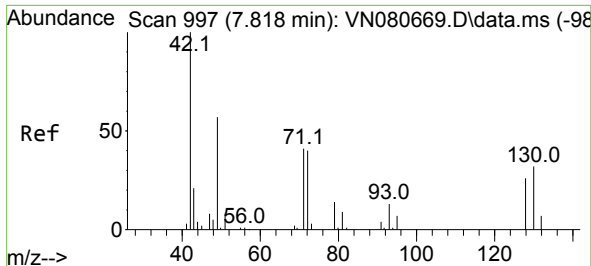
Quant Time: Jan 12 04:38:20 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.694	88	100064	2512.851	ug/l #	86
46) Methyl methacrylate	9.677	41	468732	142.170	ug/l	76
48) t-1,3-Dichloropropene	10.835	75	709631	146.569	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	753685	146.663	ug/l #	79
50) 1,1,2-Trichloroethane	11.018	97	361250	140.089	ug/l	95
51) Ethyl methacrylate	10.877	69	634714	142.385	ug/l	70
52) 1,3-Dichloropropane	11.165	76	681800	140.444	ug/l	99
53) Dibromochloromethane	11.359	129	379032	146.885	ug/l	100
54) 1,2-Dibromoethane	11.471	107	366786	144.698	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	1543510	673.659	ug/l	94
56) Bromoform	12.582	173	224564	147.319	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	2558705	686.450	ug/l #	85
59) 2-Hexanone	11.194	43	1919979	689.889	ug/l #	86
61) Tetrachloroethene	11.106	164	275590	146.109	ug/l	96
62) Toluene	10.630	91	1676138	147.071	ug/l	100
64) Chlorobenzene	11.894	112	944049	148.722	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	325825	142.860	ug/l	97
66) Ethyl Benzene	11.965	91	1795841	149.819	ug/l	99
67) m/p-Xylenes	12.071	106	1268439	294.419	ug/l	92
68) o-Xylene	12.400	106	631430	146.958	ug/l	93
69) Styrene	12.412	104	1067326	147.859	ug/l	96
70) Isopropylbenzene	12.694	105	1583843	150.825	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	478869	139.708	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	678742	201.549	ug/l	66
73) Bromobenzene	12.982	156	328129	146.595	ug/l	73
74) n-propylbenzene	13.035	91	1986573	156.860	ug/l	97
75) 2-Chlorotoluene	13.123	91	1222835	153.537	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	1321044	151.145	ug/l	95
77) t-1,4-Dichloro-2-butene	12.741	75	204287	153.395	ug/l	88
78) 4-Chlorotoluene	13.223	91	1218741	153.085	ug/l	94
79) tert-butylbenzene	13.441	119	1040400	152.500	ug/l	93
80) 1,2,4-Trimethylbenzene	13.482	105	1284504	150.216	ug/l	99
81) sec-Butylbenzene	13.618	105	1538132	153.153	ug/l	97
82) p-Isopropyltoluene	13.729	119	1174100	153.298	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	575884	148.302	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	595905	152.407	ug/l	98
85) n-Butylbenzene	14.059	91	1230206	162.568	ug/l	97
86) Hexachloroethane	14.335	117	231270	160.577	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	569335	149.459	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	104647	146.637	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	286289	149.841	ug/l	98
90) Hexachlorobutadiene	15.506	225	129123	147.504	ug/l	99
91) Naphthalene	15.641	128	1087286	145.975	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	286289	149.841	ug/l	98

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

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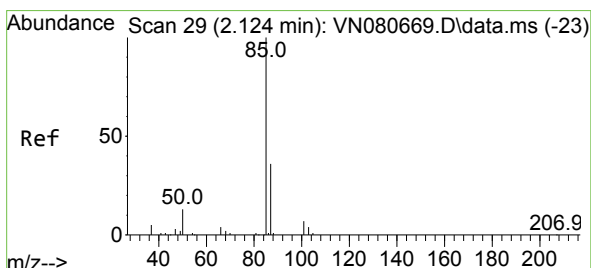
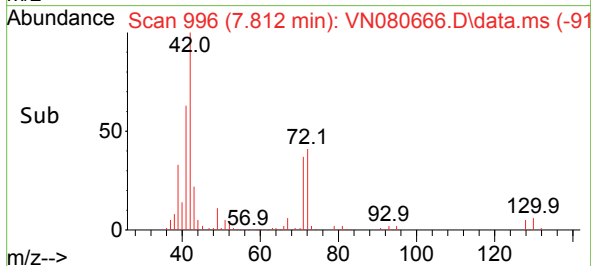
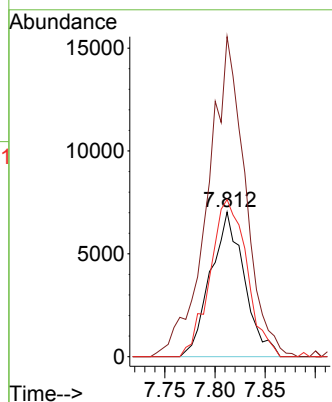
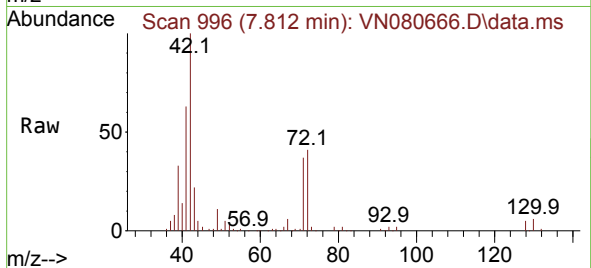




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

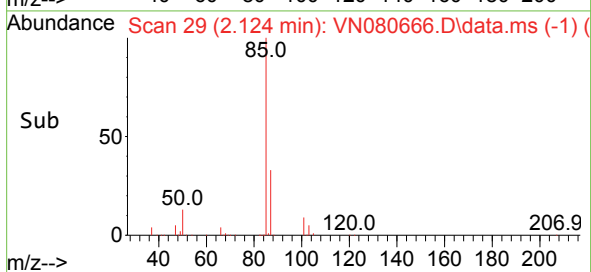
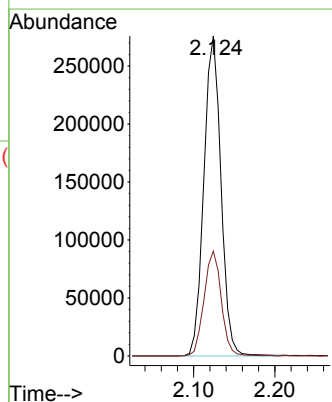
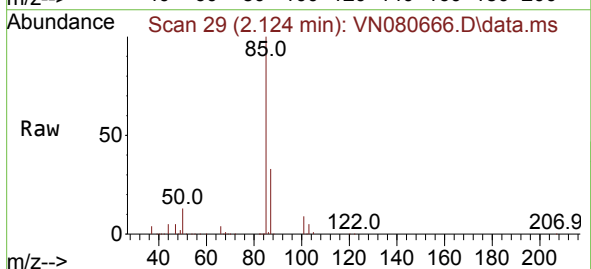
Instrument :
MSVOA_N
ClientSampleId :

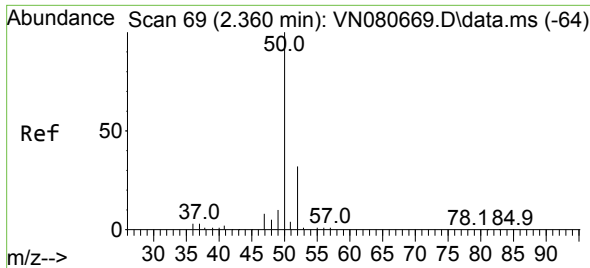
Tgt Ion:128 Resp: 16458
Ion Ratio Lower Upper
128 100
49 245.9 0.0 403.7
130 118.2 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 144.430 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

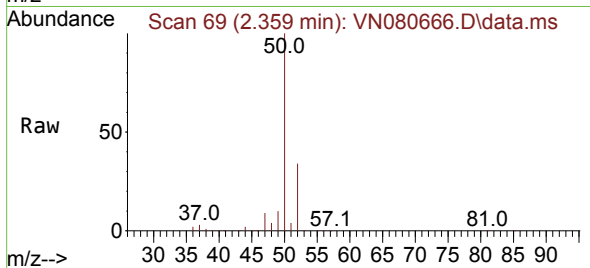
Tgt Ion: 85 Resp: 403997
Ion Ratio Lower Upper
85 100
87 32.8 16.8 50.3



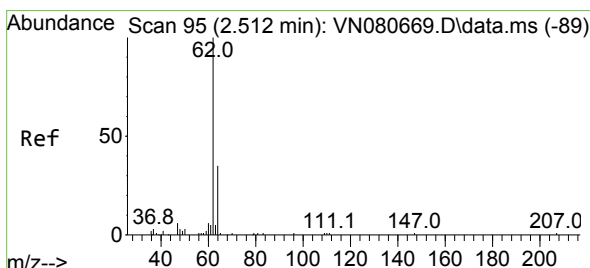
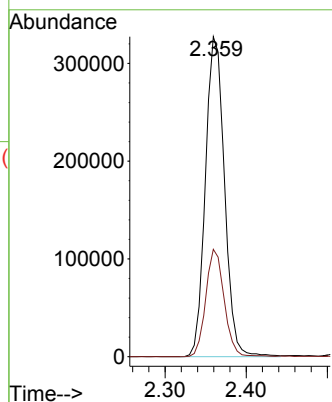
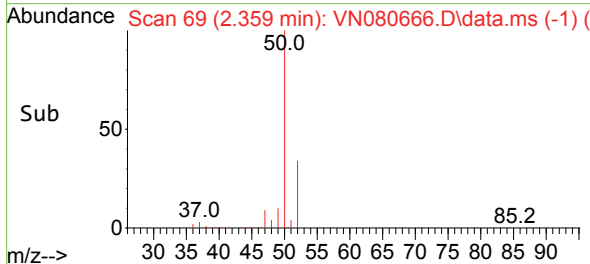


#3
Chloromethane
Concen: 140.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :

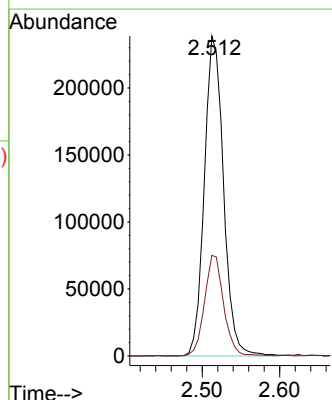
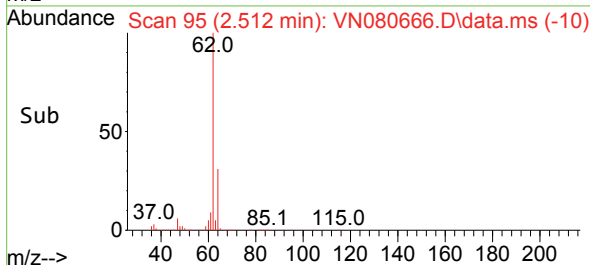
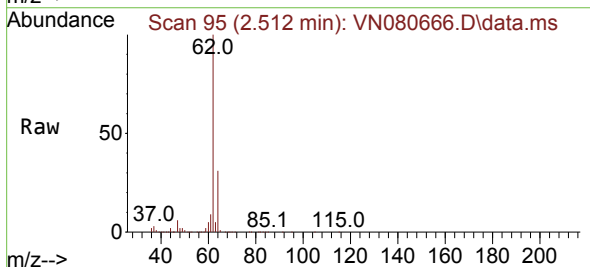


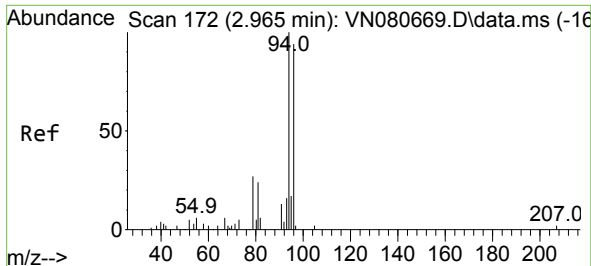
Tgt Ion: 50 Resp: 534526
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0



#4
Vinyl Chloride
Concen: 141.786 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

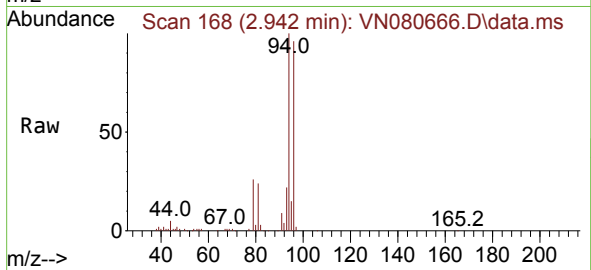
Tgt Ion: 62 Resp: 410967
Ion Ratio Lower Upper
62 100
64 31.4 24.1 36.1



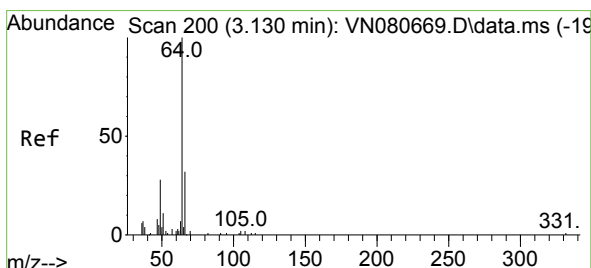
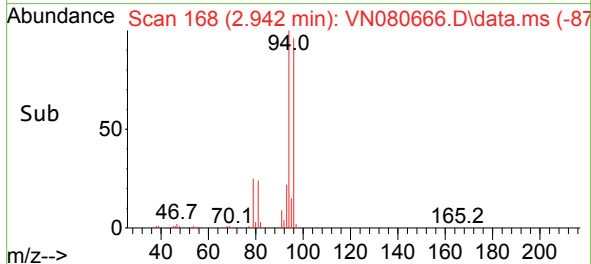
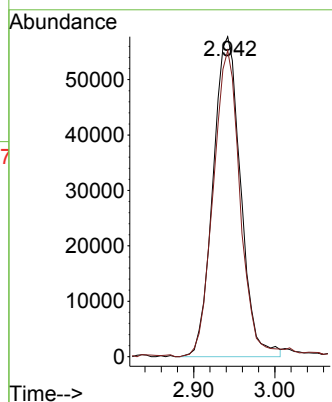


#5
Bromomethane
Concen: 128.191 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :

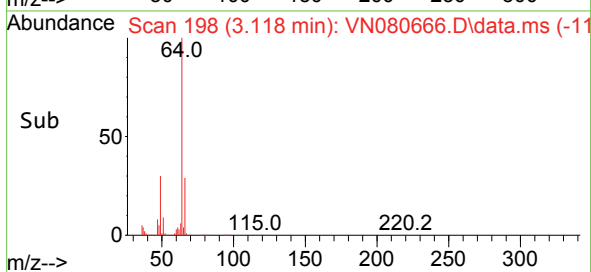
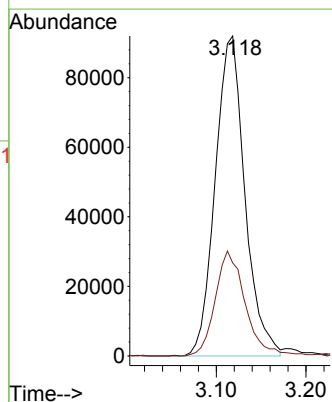
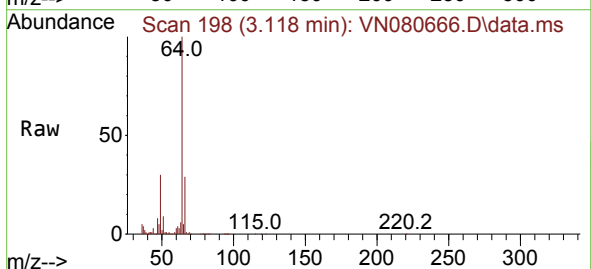


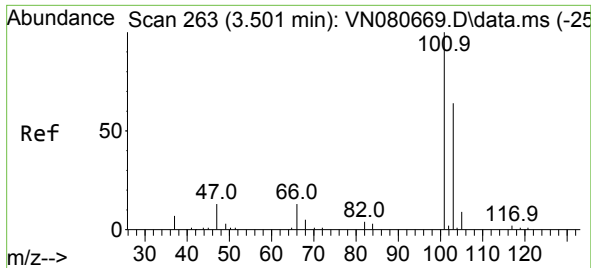
Tgt Ion: 94 Resp: 136431
Ion Ratio Lower Upper
94 100
96 95.7 72.8 109.2



#6
Chloroethane
Concen: 134.675 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 64 Resp: 211037
Ion Ratio Lower Upper
64 100
66 29.1 26.7 40.1

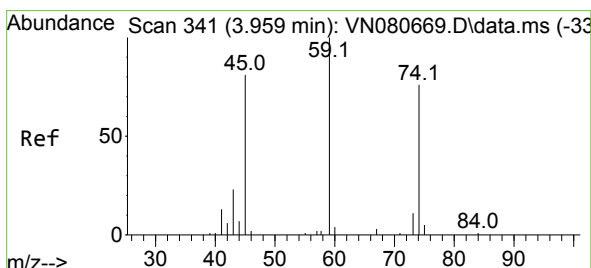
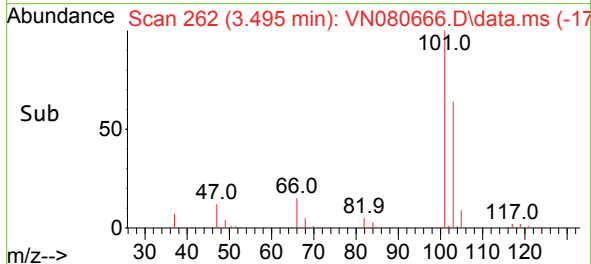
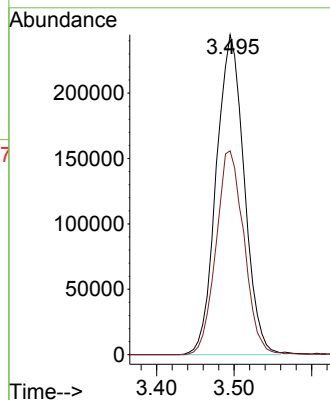
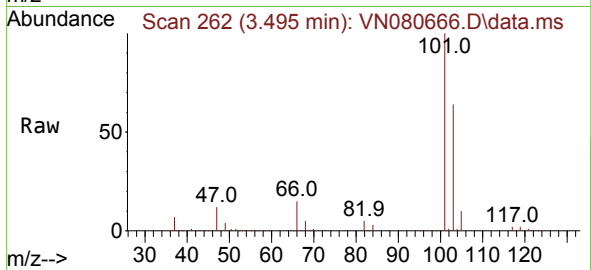




#7
Trichlorofluoromethane
Concen: 141.438 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

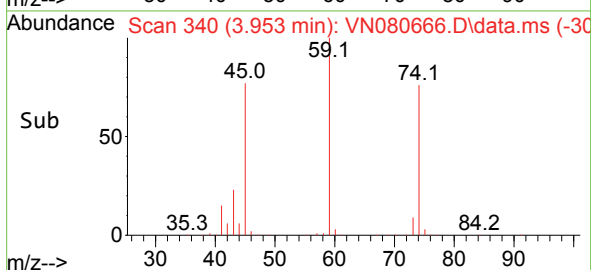
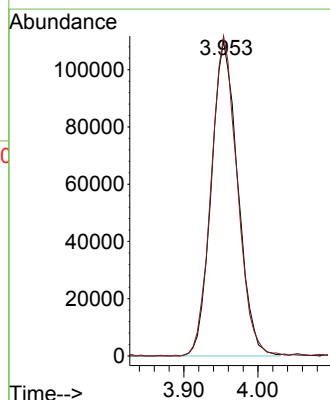
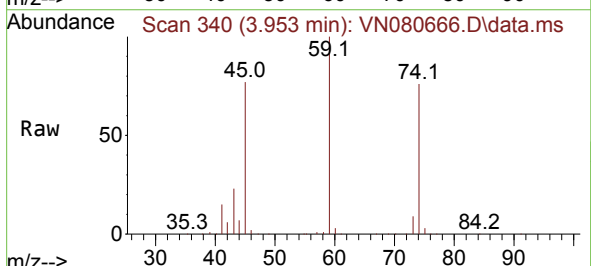
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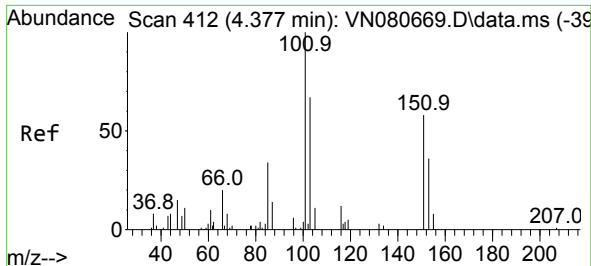
Tgt Ion:101 Resp: 612452
Ion Ratio Lower Upper
101 100
103 63.7 53.0 79.4



#8
Diethyl Ether
Concen: 143.210 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

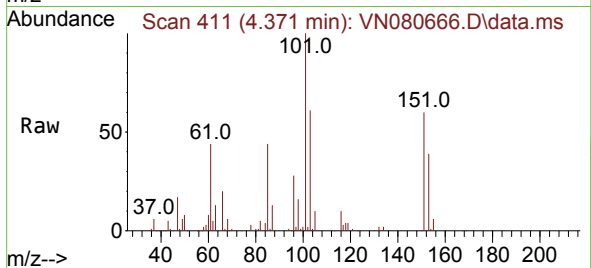
Tgt Ion: 74 Resp: 272653
Ion Ratio Lower Upper
74 100
45 100.3 16.4 147.4



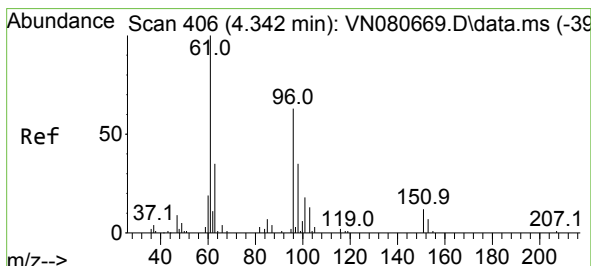
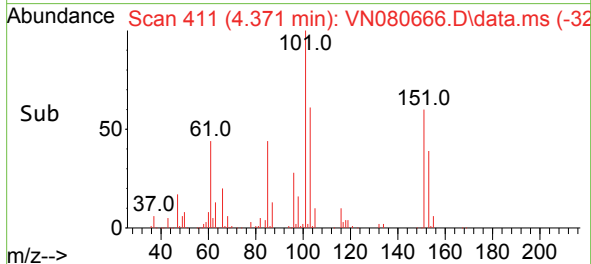
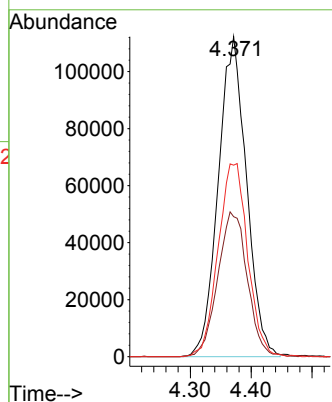


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 144.558 ug/l
 RT: 4.371 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

Instrument :
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 ClientSampleId :

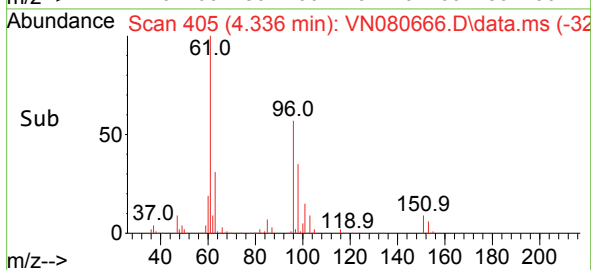
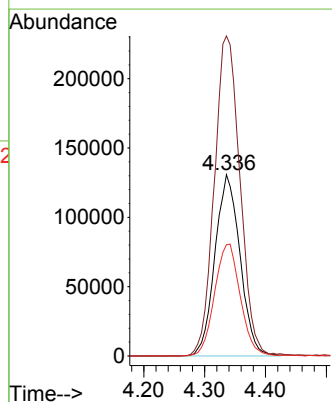
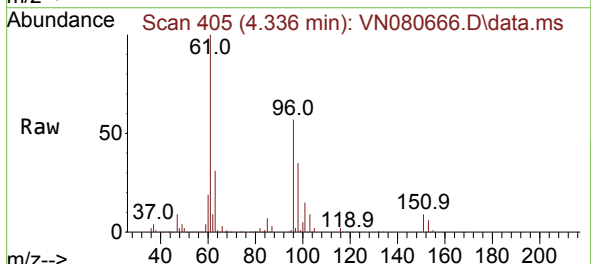


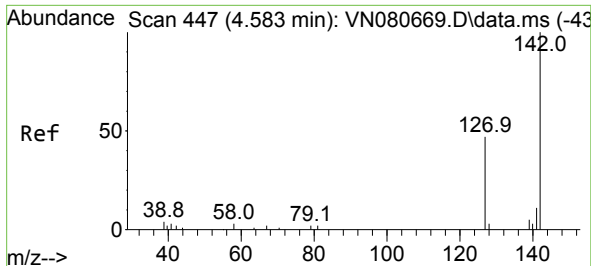
Tgt Ion:101 Resp: 360714
 Ion Ratio Lower Upper
 101 100
 85 47.2 0.0 90.6
 151 63.3 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 139.331 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

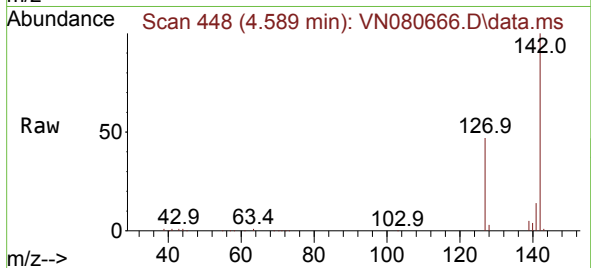
Tgt Ion: 96 Resp: 374215
 Ion Ratio Lower Upper
 96 100
 61 176.5 117.6 176.4#
 98 61.4 48.4 72.6



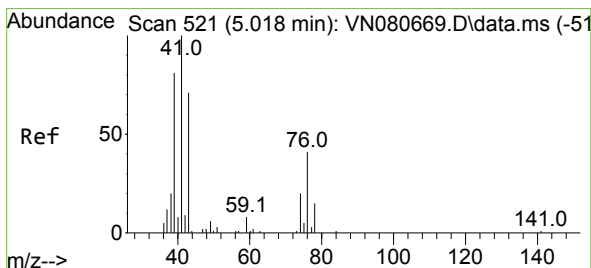
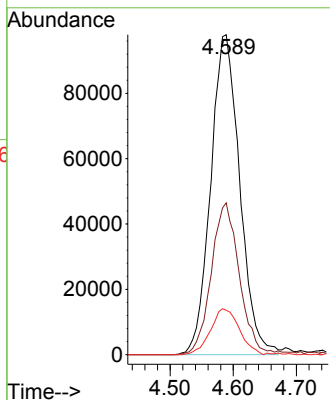
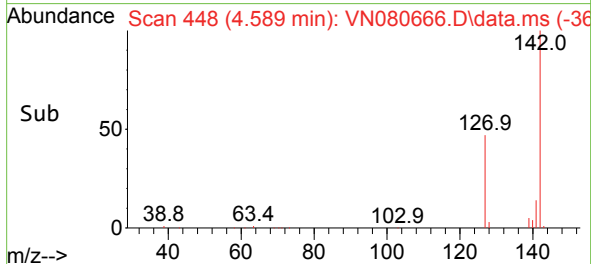


#11
Methyl Iodide
Concen: 136.869 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :

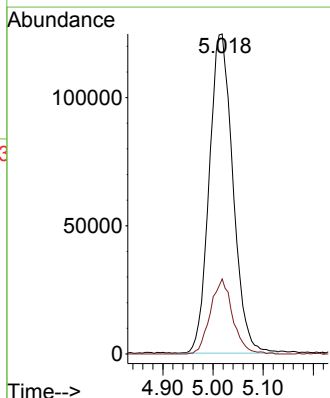
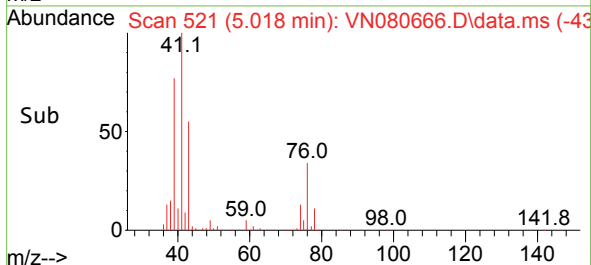
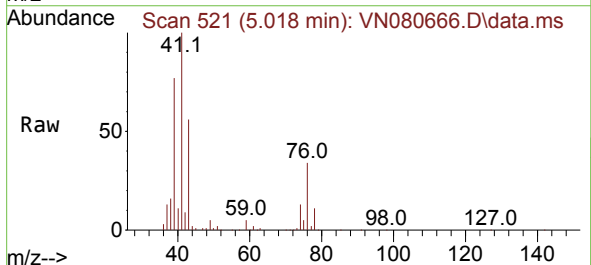


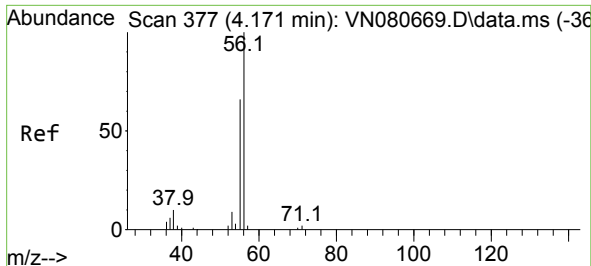
Tgt Ion:142 Resp: 312898
Ion Ratio Lower Upper
142 100
127 47.1 26.3 78.9
141 13.8 8.3 24.9



#12
Methyl Acetate
Concen: 129.074 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 43 Resp: 409308
Ion Ratio Lower Upper
43 100
74 23.6 27.7 41.5#

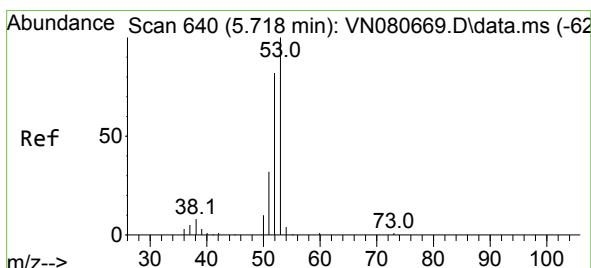
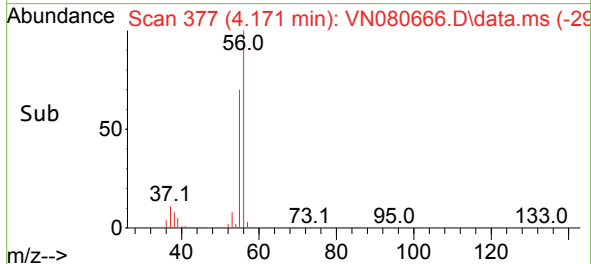
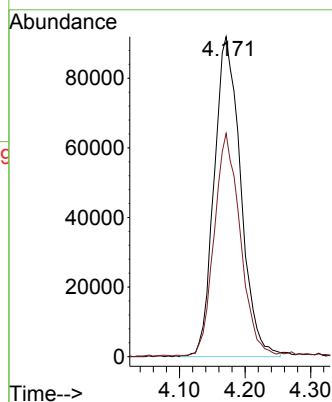
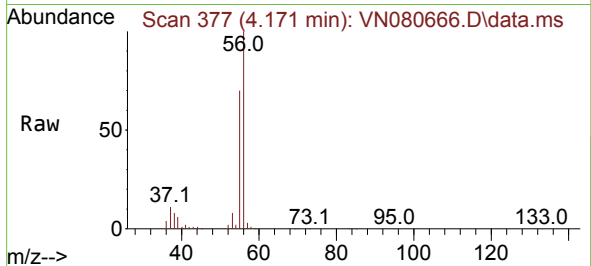




#13
Acrolein
Concen: 610.493 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

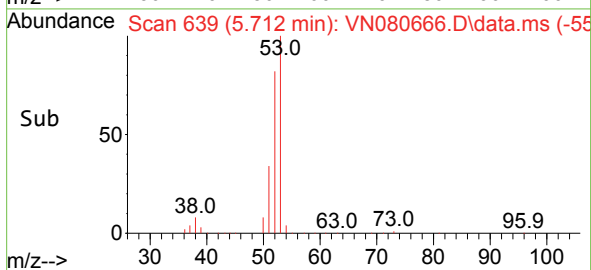
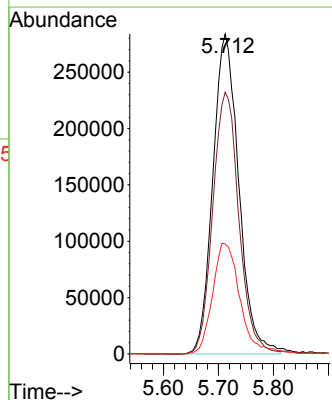
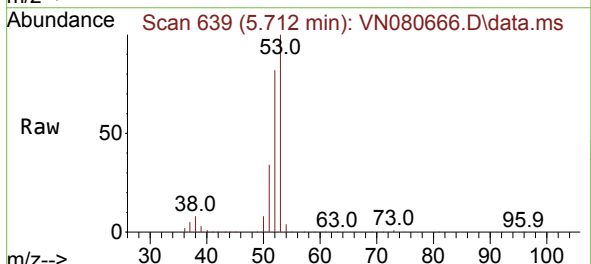
Instrument :
MSVOA_N
ClientSampleId :

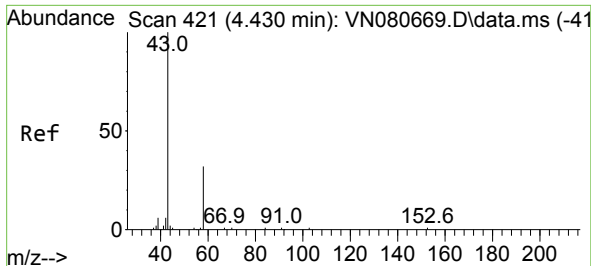
Tgt Ion: 56 Resp: 257955
Ion Ratio Lower Upper
56 100
55 68.6 55.5 83.3



#14
Acrylonitrile
Concen: 651.547 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 53 Resp: 931049
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 36.7 16.8 50.3





#15

Acetone

Concen: 619.146 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

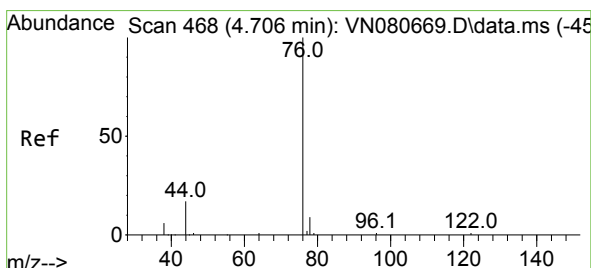
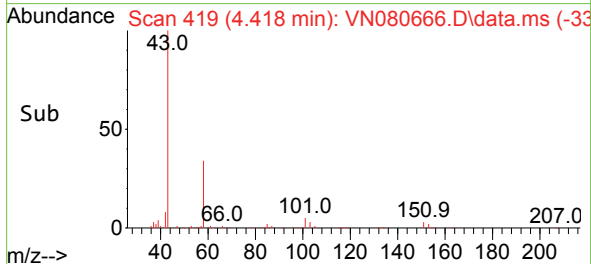
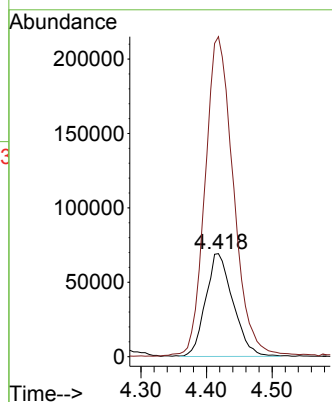
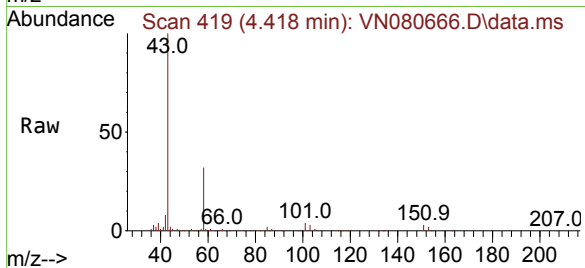
ClientSampleId :

Tgt Ion: 58 Resp: 200617

Ion Ratio Lower Upper

58 100

43 309.1 223.1 334.7



#16

Carbon Disulfide

Concen: 133.446 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080666.D

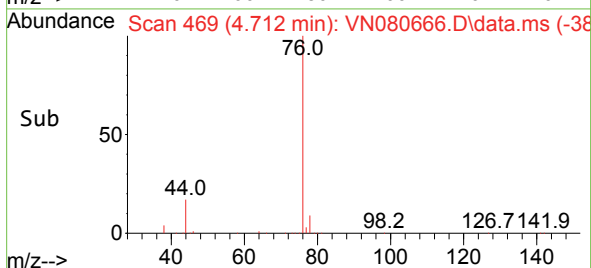
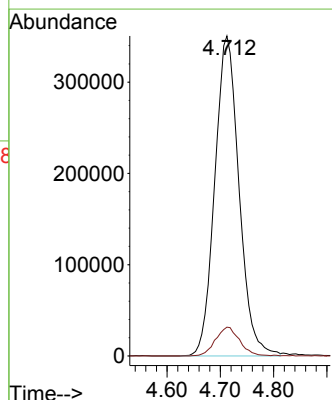
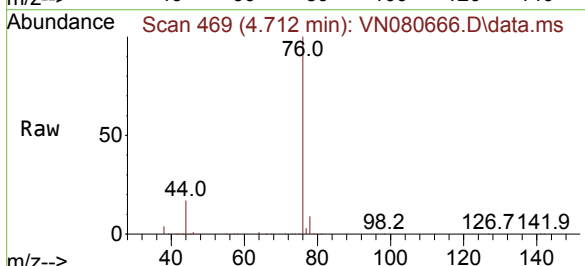
Acq: 11 Jan 2024 10:06

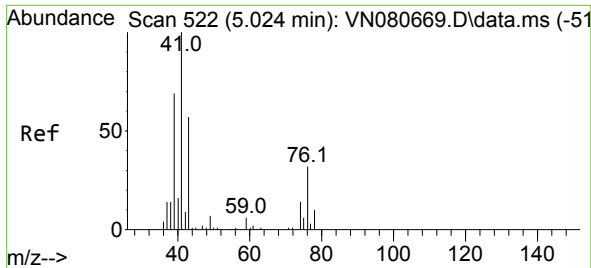
Tgt Ion: 76 Resp: 1108082

Ion Ratio Lower Upper

76 100

78 9.0 6.3 9.5





#17

Allyl chloride

Concen: 131.501 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

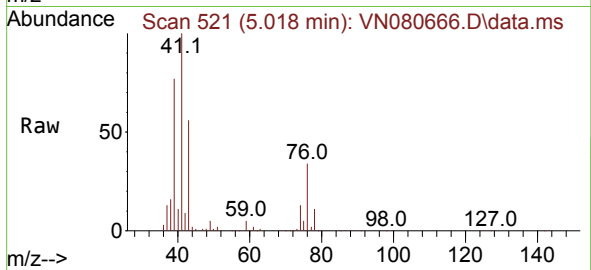
Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :



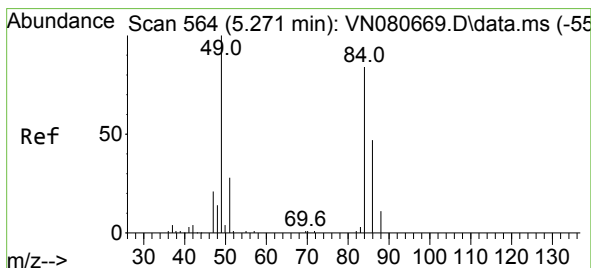
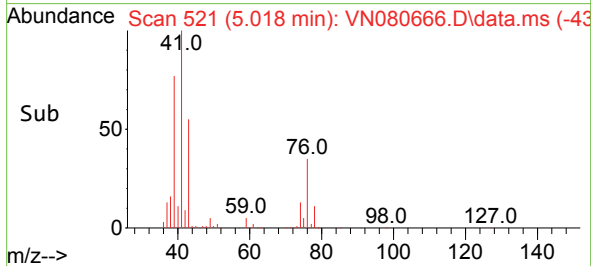
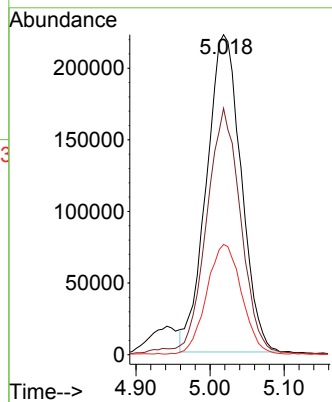
Tgt Ion: 41 Resp: 719314

Ion Ratio Lower Upper

41 100

39 76.7 37.6 112.9

76 34.4 27.8 83.4



#18

Methylene Chloride

Concen: 134.787 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Tgt Ion: 84 Resp: 419819

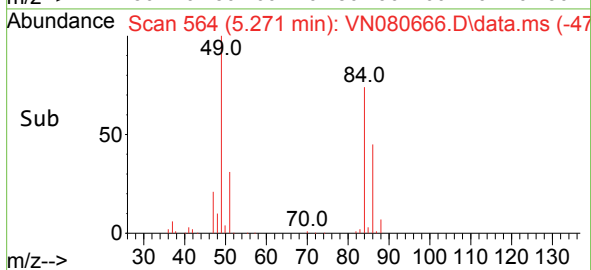
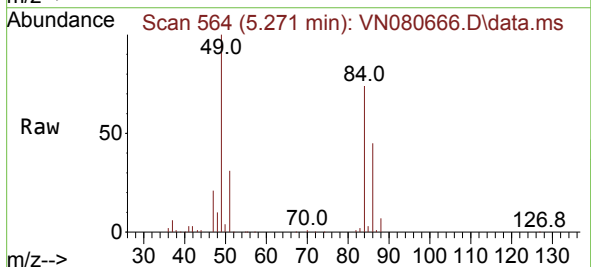
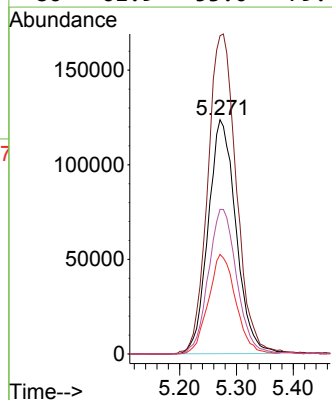
Ion Ratio Lower Upper

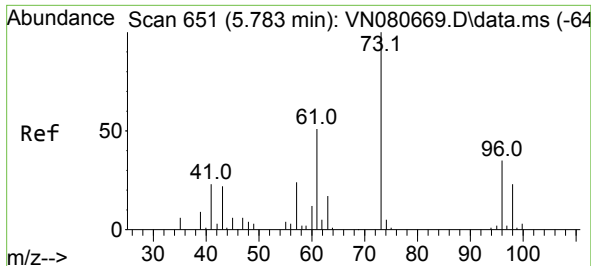
84 100

49 135.1 86.0 129.0#

51 42.3 30.0 45.0

86 61.9 53.0 79.4

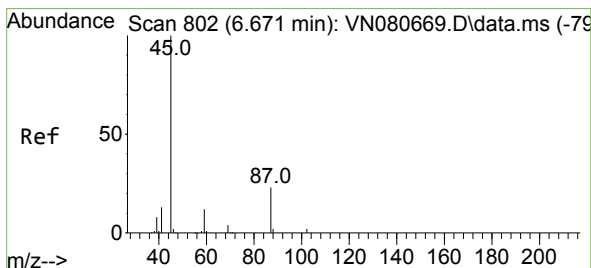
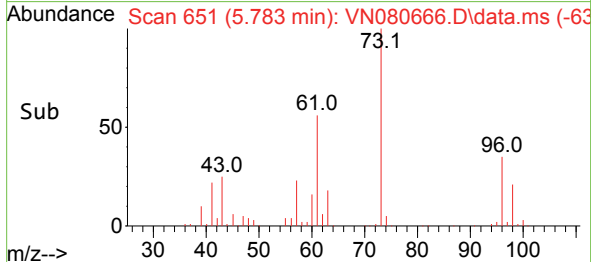
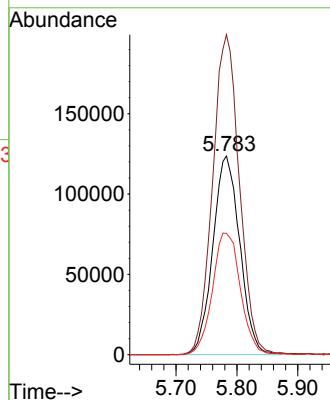
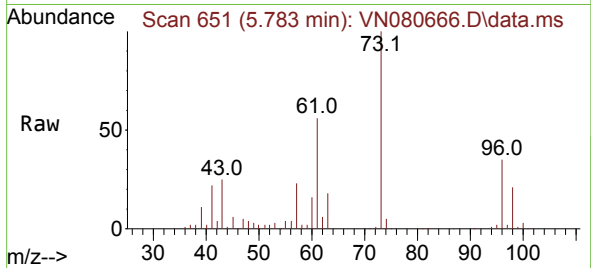




#19
trans-1,2-Dichloroethene
Concen: 134.883 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

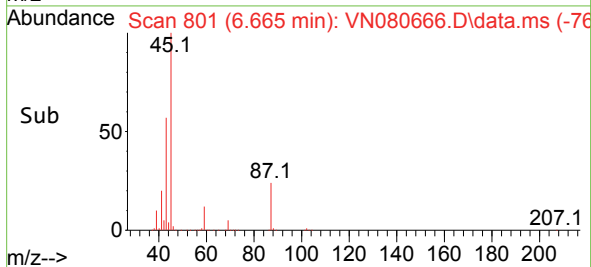
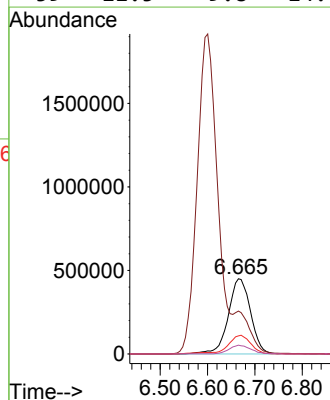
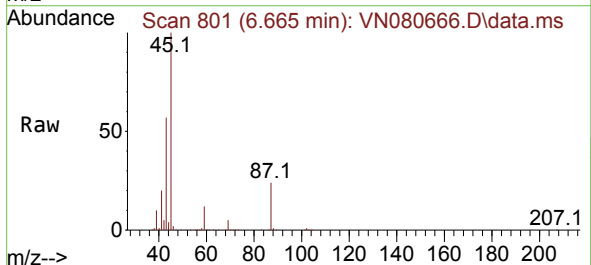
Instrument :
MSVOA_N
ClientSampleId :

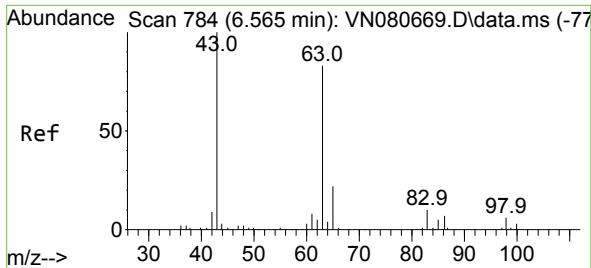
Tgt Ion: 96 Resp: 380111
Ion Ratio Lower Upper
96 100
61 160.9 111.8 167.6
98 60.9 49.2 73.8



#20
Diisopropyl ether
Concen: 133.812 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 45 Resp: 1472345
Ion Ratio Lower Upper
45 100
43 56.1 40.4 60.6
87 23.8 23.8 35.8#
59 11.5 9.8 14.6

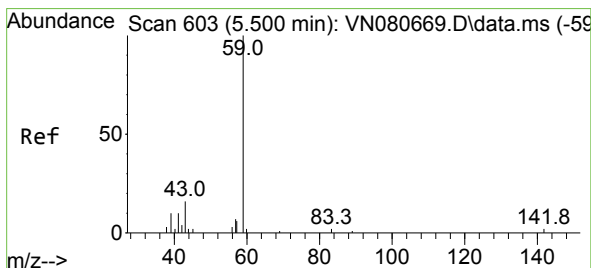
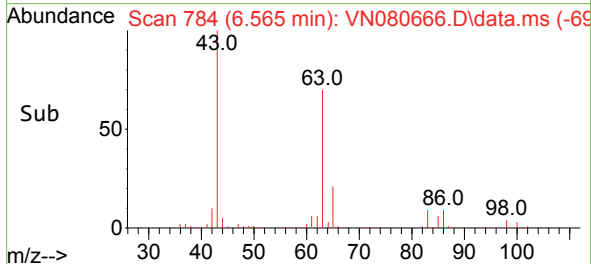
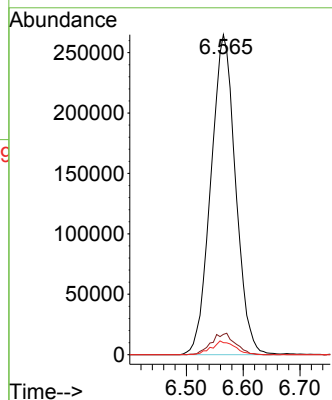
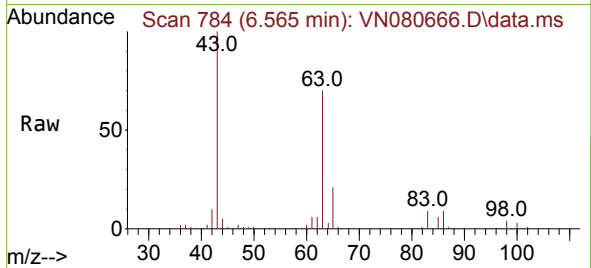




#21
1,1-Dichloroethane
Concen: 133.888 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

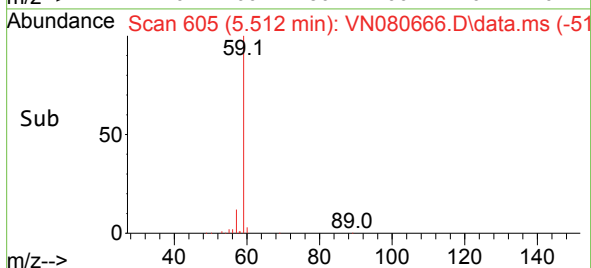
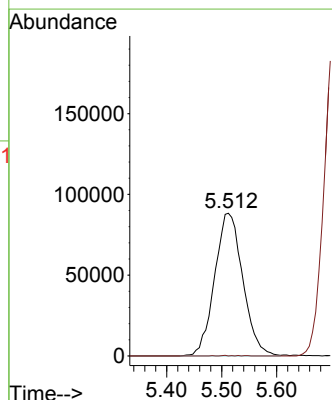
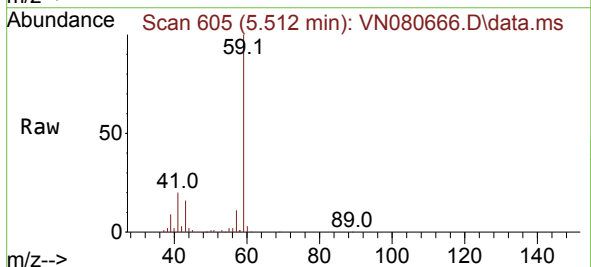
Instrument :
MSVOA_N
ClientSampleId :

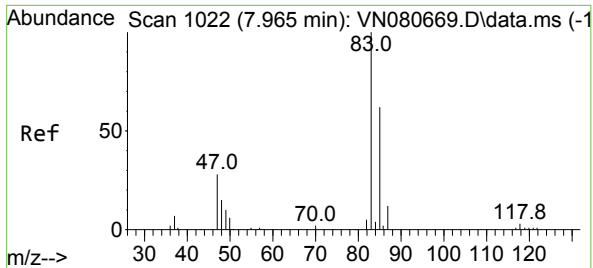
Tgt Ion: 63 Resp: 800566
Ion Ratio Lower Upper
63 100
98 6.4 4.1 12.3
100 3.8 3.0 9.0



#23
tert-Butyl Alcohol
Concen: 638.006 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 59 Resp: 314503
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

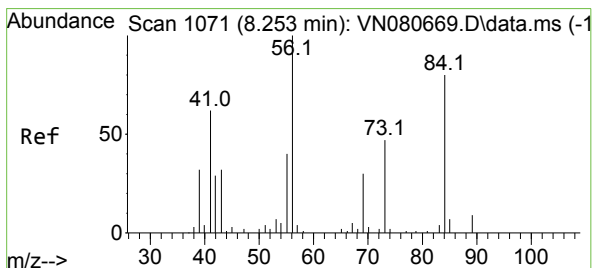
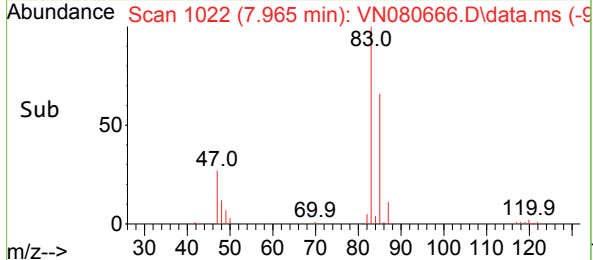
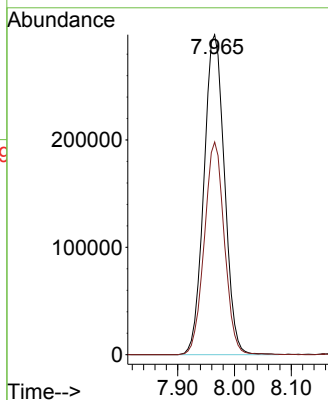
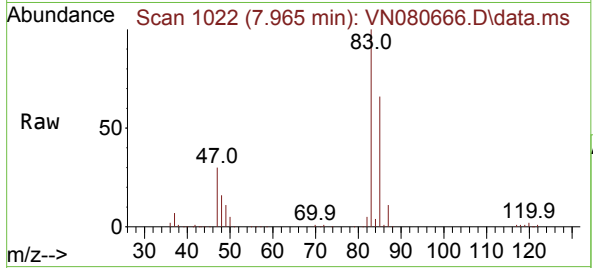




#25
Chloroform
Concen: 134.375 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

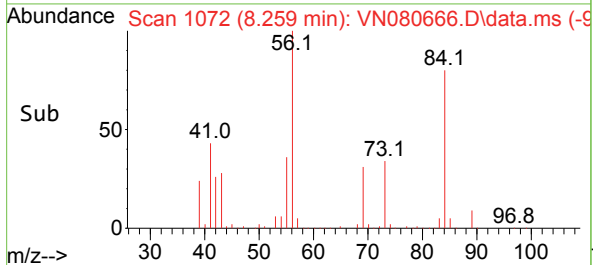
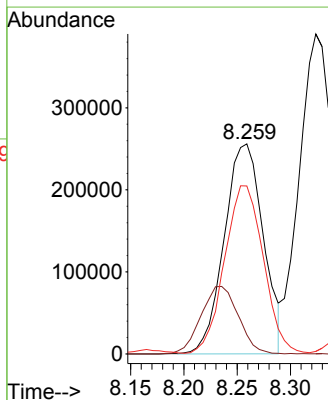
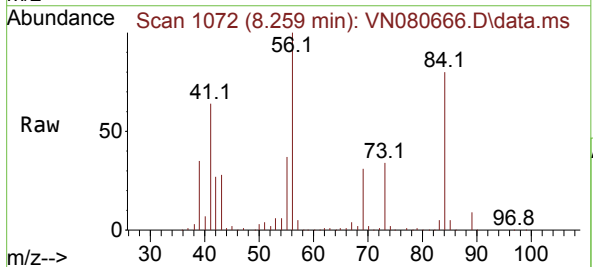
Instrument :
MSVOA_N
ClientSampleId :

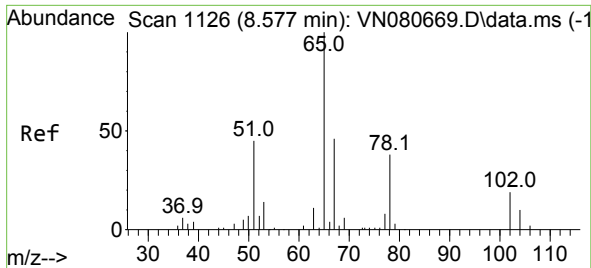
Tgt Ion: 83 Resp: 748069
Ion Ratio Lower Upper
83 100
85 66.4 50.9 76.3



#26
Cyclohexane
Concen: 138.896 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 56 Resp: 653095
Ion Ratio Lower Upper
56 100
89 30.7 19.3 28.9#
84 80.0 71.3 106.9

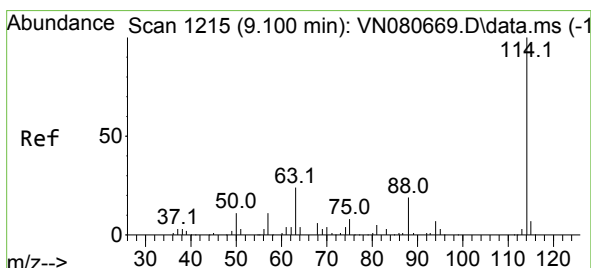
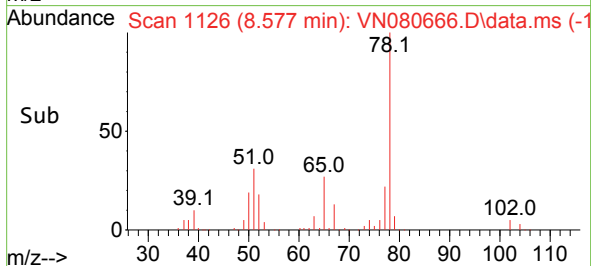
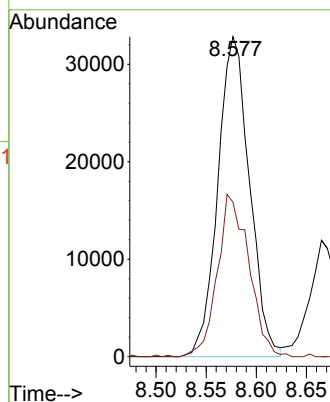
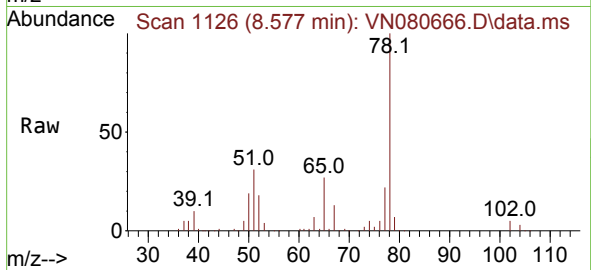




#27
1,2-Dichloroethane-d4
Concen: 27.133 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

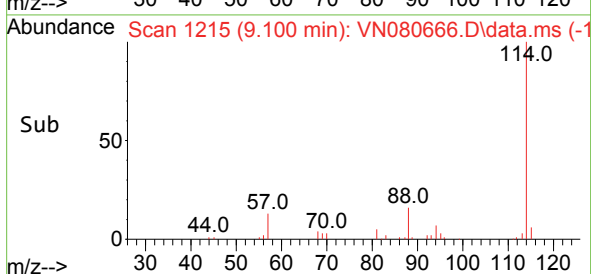
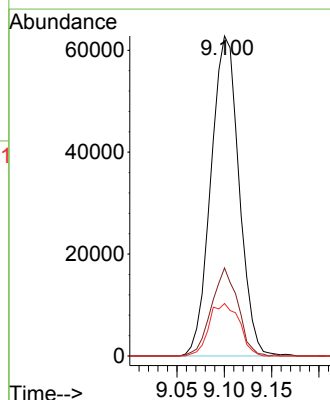
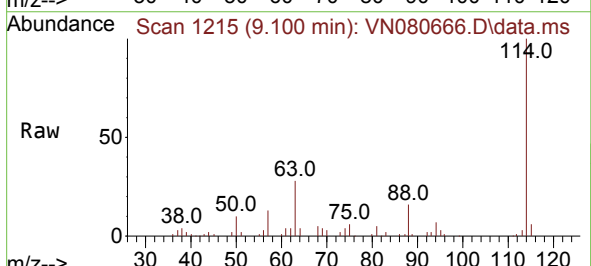
Instrument :
MSVOA_N
ClientSampleId :

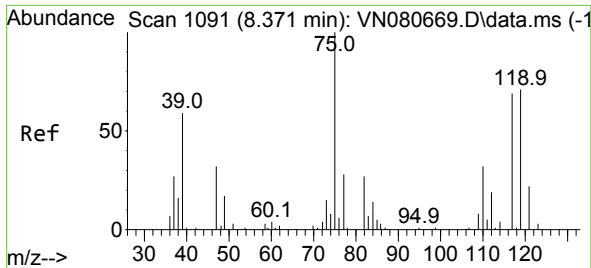
Tgt Ion: 65 Resp: 72112
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 114 Resp: 129857
Ion Ratio Lower Upper
114 100
63 25.9 15.9 23.9#
88 17.6 12.7 19.1

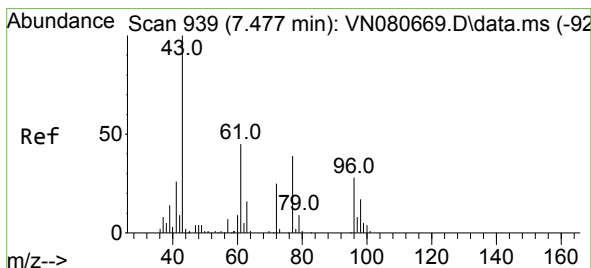
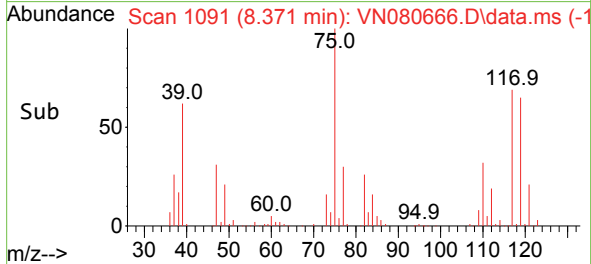
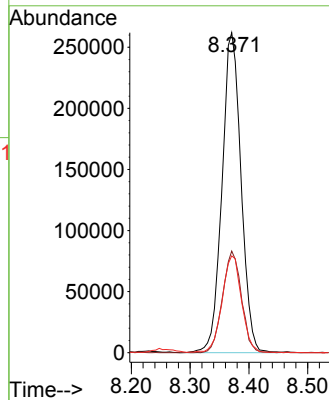
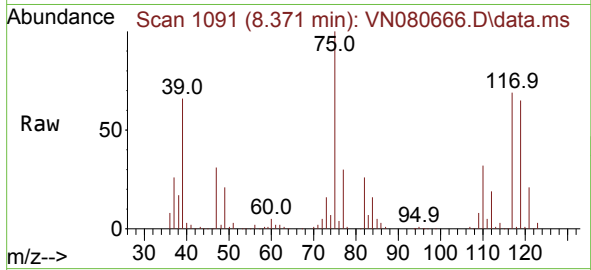




#29
1,1-Dichloropropene
Concen: 149.202 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

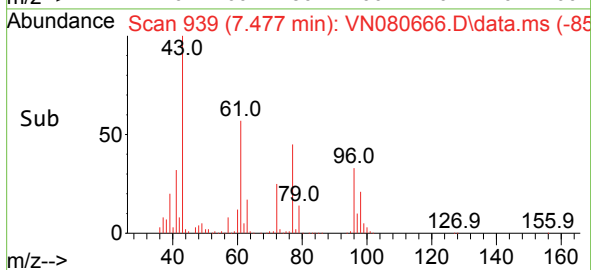
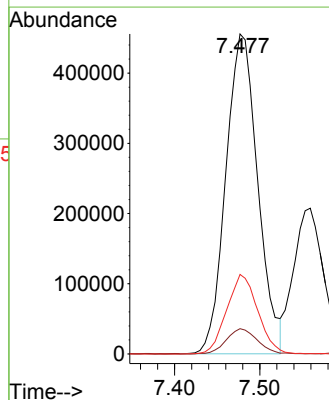
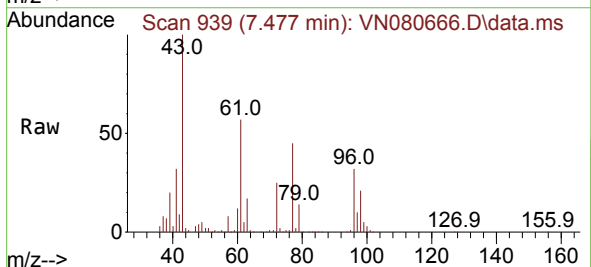
Instrument :
MSVOA_N
ClientSampleId :

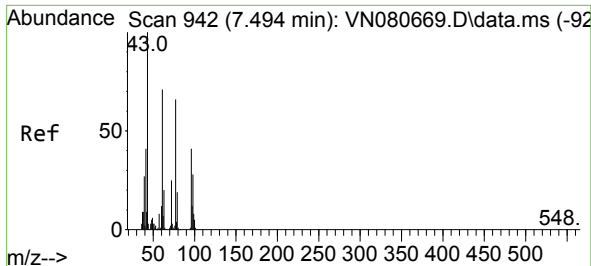
Tgt Ion: 75 Resp: 588962
Ion Ratio Lower Upper
75 100
110 31.6 0.0 70.2
77 30.8 0.0 61.4



#30
2-Butanone
Concen: 680.238 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 43 Resp: 1188197
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 24.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 150.283 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.005 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

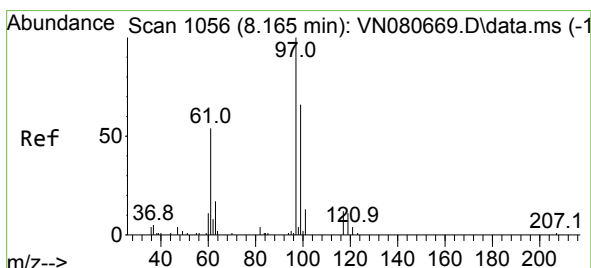
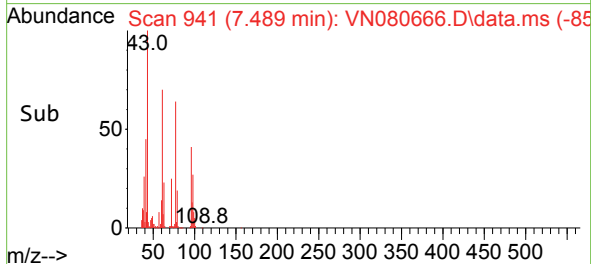
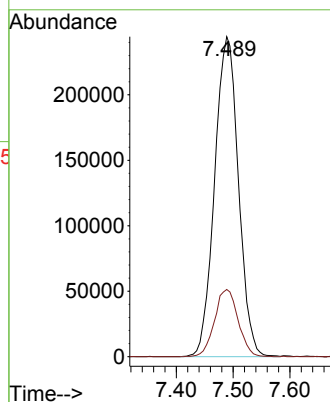
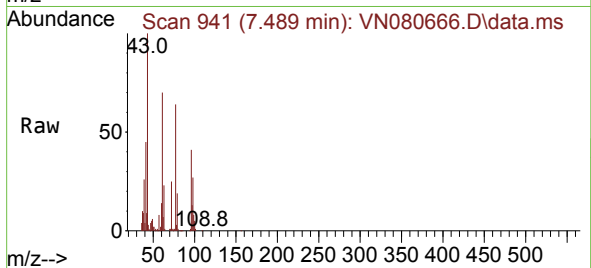
ClientSampleId :

Tgt Ion: 77 Resp: 712651

Ion Ratio Lower Upper

77 100

97 20.8 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 151.279 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

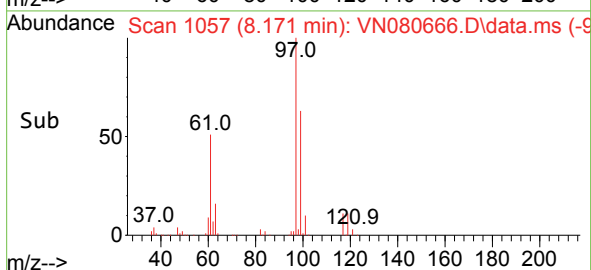
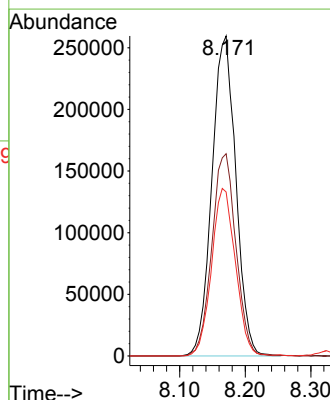
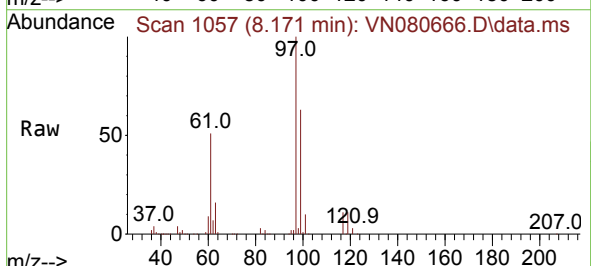
Tgt Ion: 97 Resp: 657084

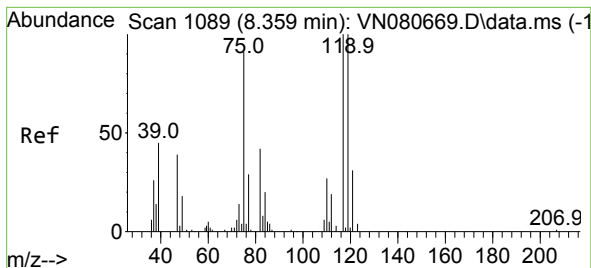
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 52.2 33.8 50.8#





#33

Carbon Tetrachloride

Concen: 152.001 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. 0.000 min

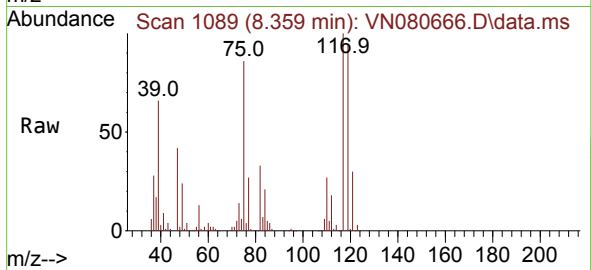
Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :



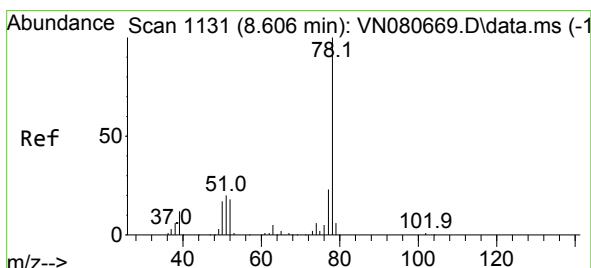
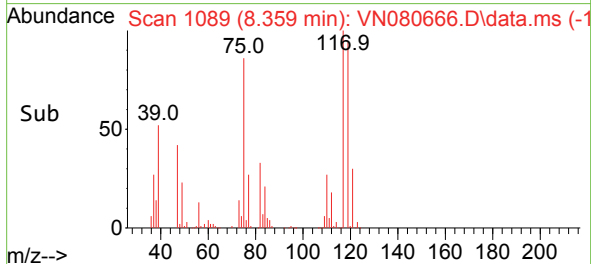
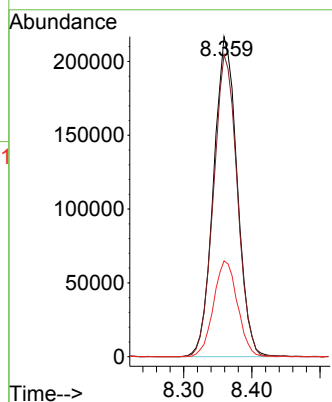
Tgt Ion:117 Resp: 521424

Ion Ratio Lower Upper

117 100

119 94.4 77.7 116.5

121 29.9 27.0 40.6



#34

Benzene

Concen: 143.790 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

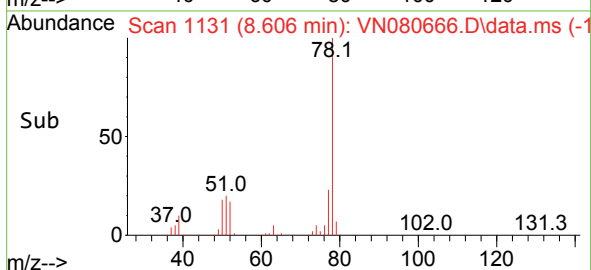
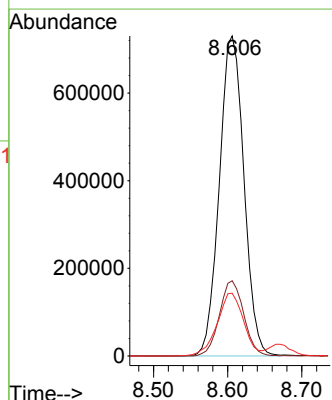
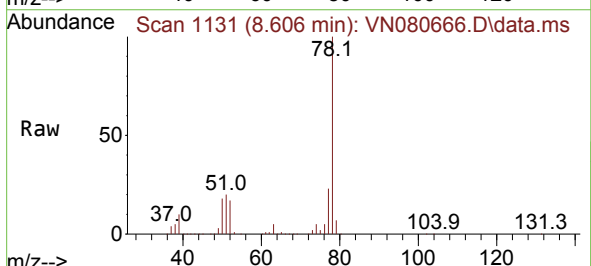
Tgt Ion: 78 Resp: 1683560

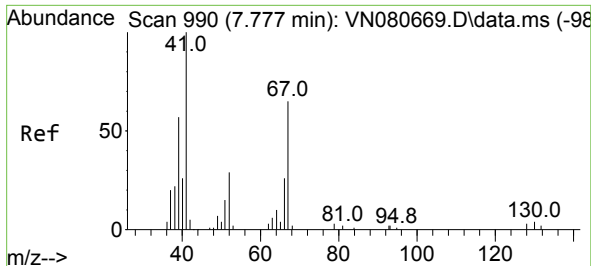
Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8

51 19.5 13.3 19.9



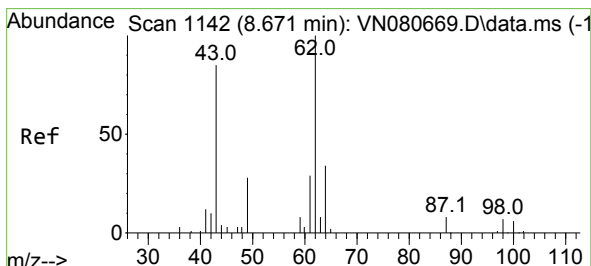
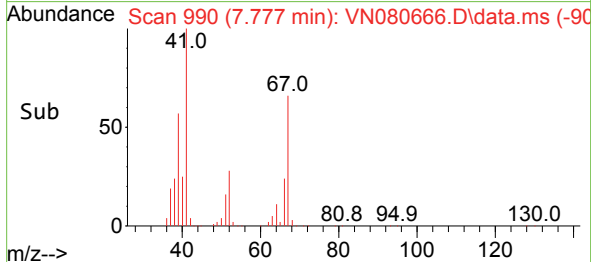
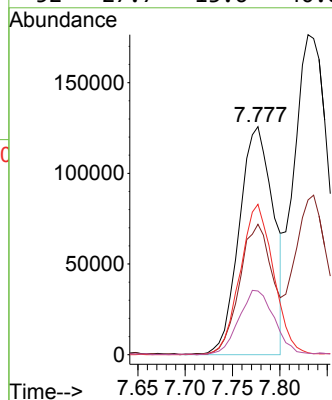
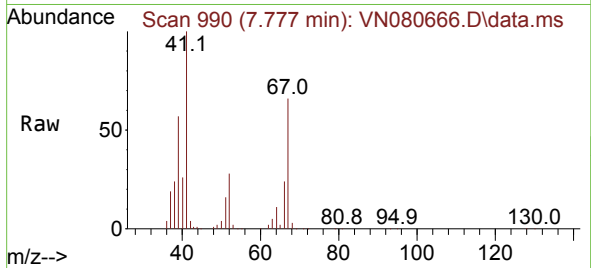


#35
Methacrylonitrile
Concen: 143.998 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 315622

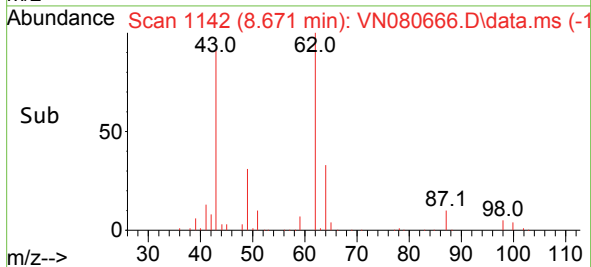
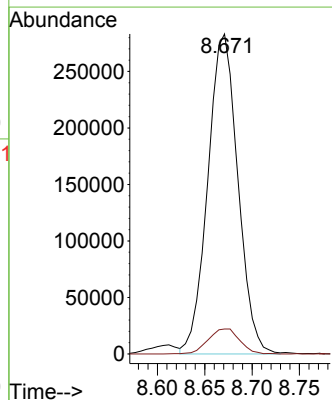
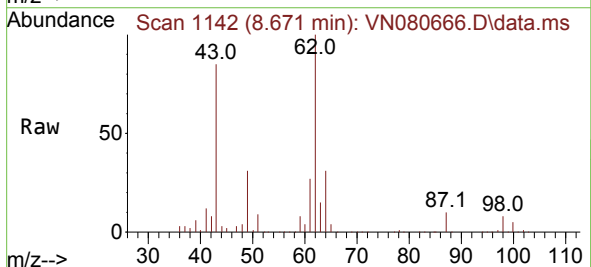
Ion	Ratio	Lower	Upper
41	100		
39	57.0	25.3	75.9
67	65.9	38.7	116.1
52	27.7	13.6	40.8

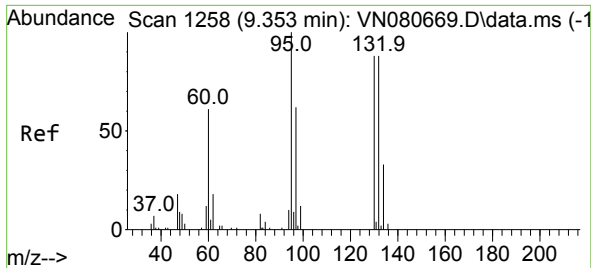


#36
1,2-Dichloroethane
Concen: 145.353 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 62 Resp: 625775

Ion	Ratio	Lower	Upper
62	100		
98	8.2	8.2	12.4

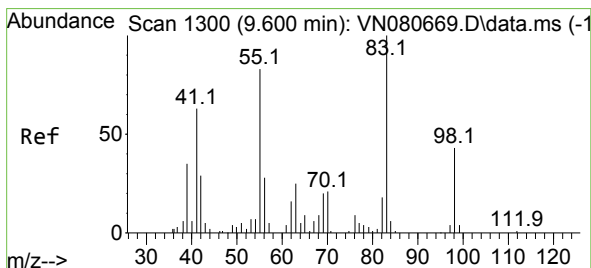
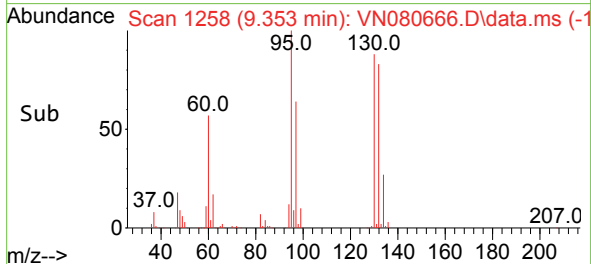
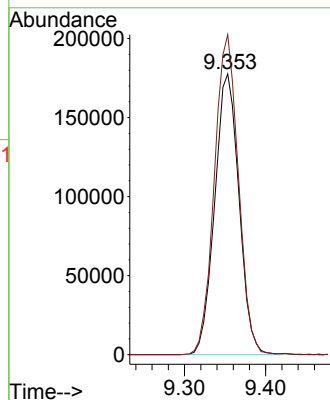
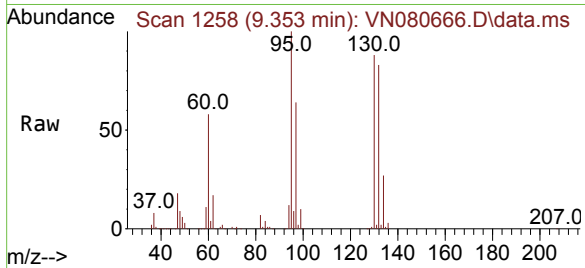




#37
Trichloroethene
Concen: 144.626 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

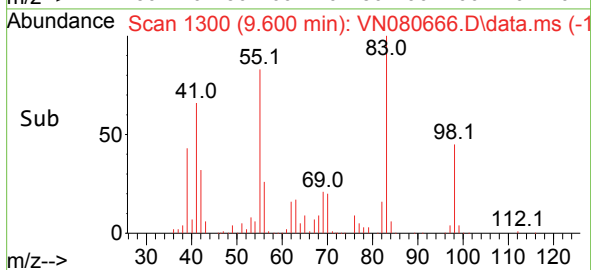
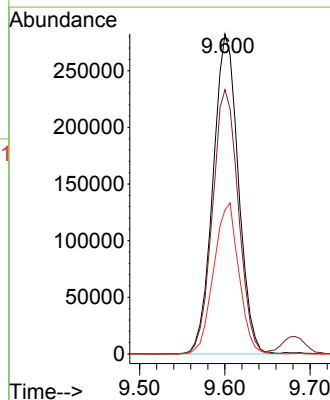
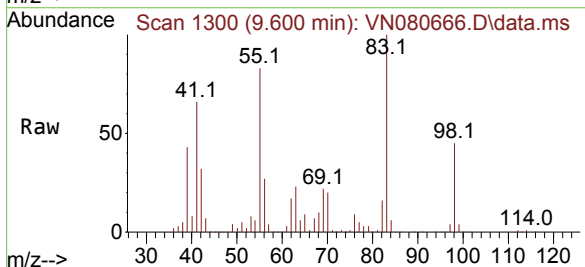
Instrument :
MSVOA_N
ClientSampleId :

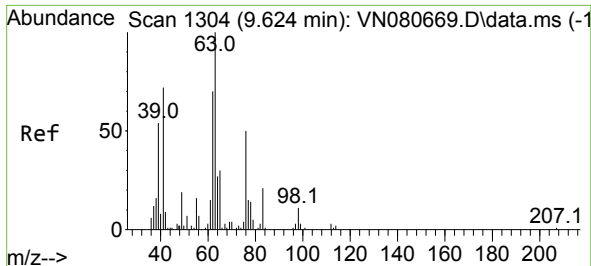
Tgt Ion:130 Resp: 369303
Ion Ratio Lower Upper
130 100
95 113.9 80.2 120.4



#38
Methylcyclohexane
Concen: 151.355 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 83 Resp: 582051
Ion Ratio Lower Upper
83 100
55 84.5 36.6 109.9
98 46.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 143.242 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

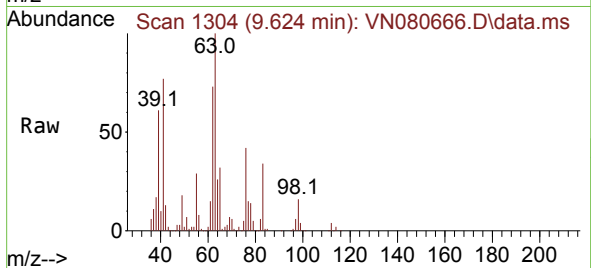
Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

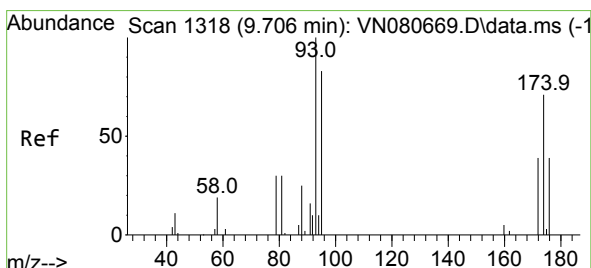
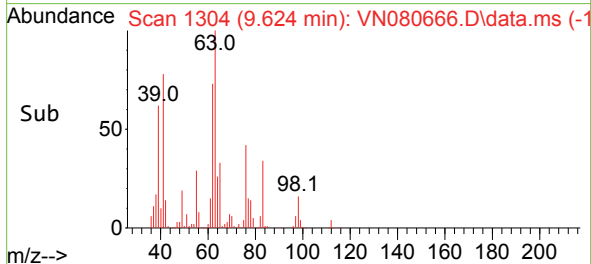
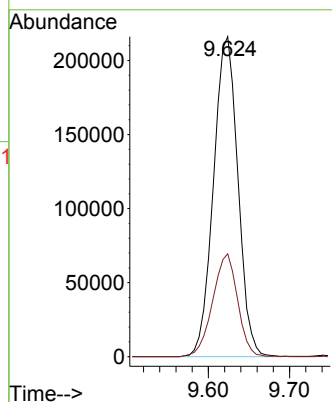


Tgt Ion: 63 Resp: 452043

Ion Ratio Lower Upper

63 100

65 32.2 25.0 37.4



#40

Dibromomethane

Concen: 140.436 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

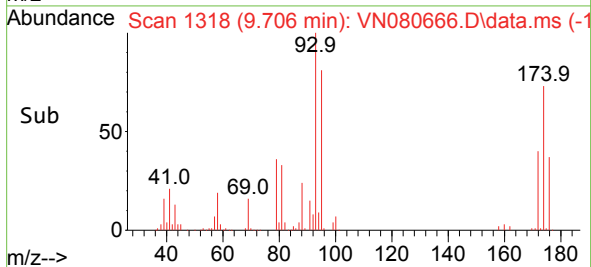
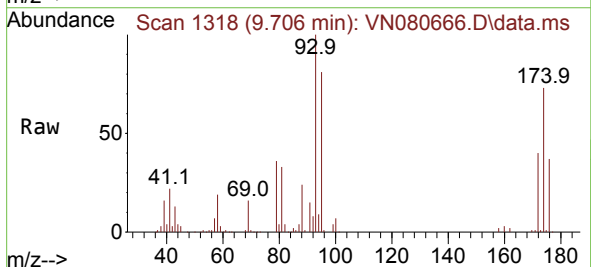
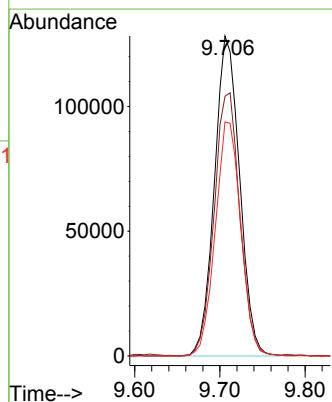
Tgt Ion: 93 Resp: 263698

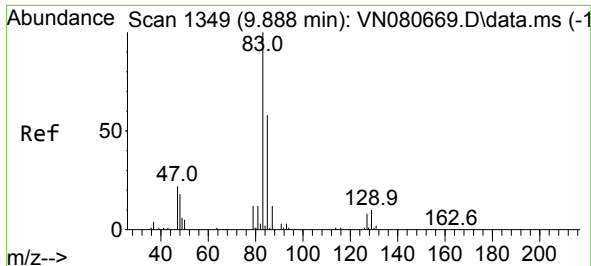
Ion Ratio Lower Upper

93 100

95 83.9 0.0 164.6

174 74.3 0.0 193.2

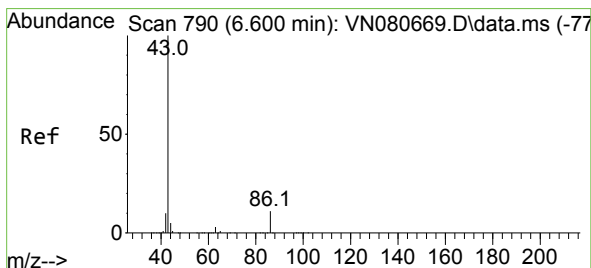
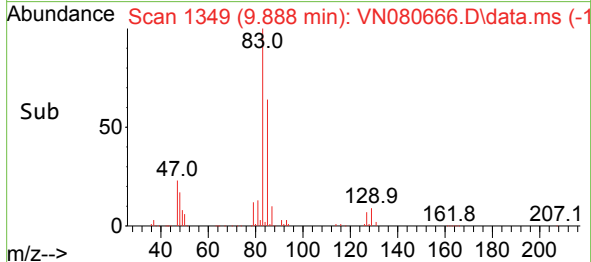
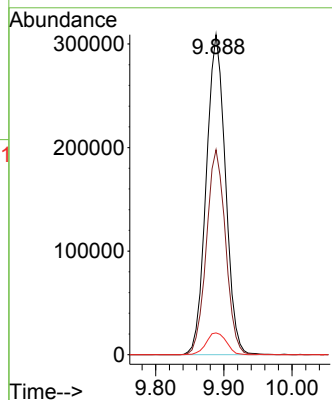
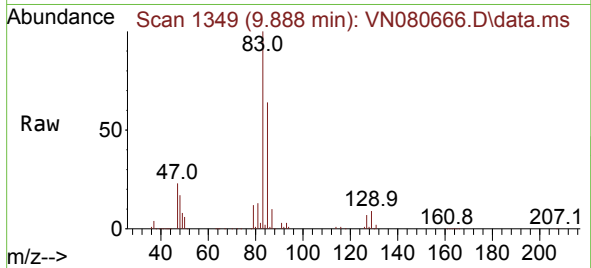




#41
Bromodichloromethane
Concen: 147.209 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

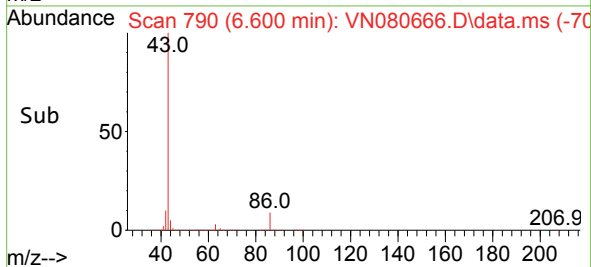
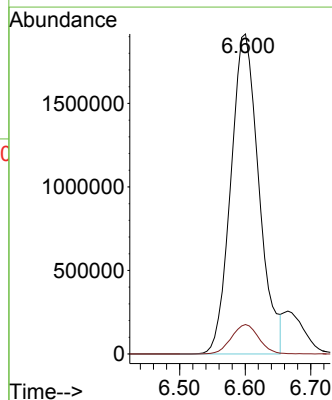
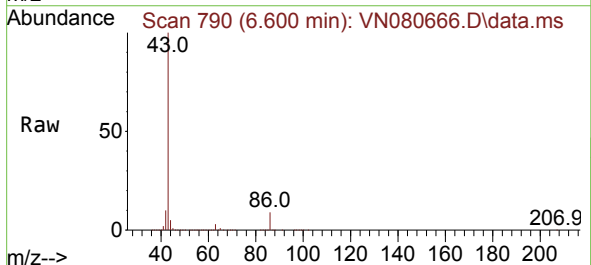
Instrument :
MSVOA_N
ClientSampleId :

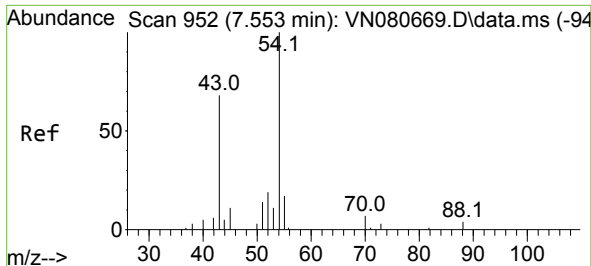
Tgt Ion: 83 Resp: 604890
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.2
127 6.8 7.3 10.9#



#42
Vinyl Acetate
Concen: 704.441 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 43 Resp: 5718981
Ion Ratio Lower Upper
43 100
86 9.0 9.4 14.2#





#43

Ethyl Acetate

Concen: 142.179 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

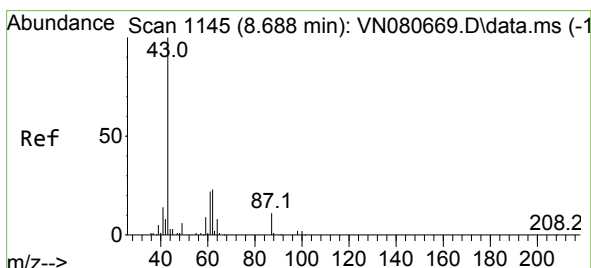
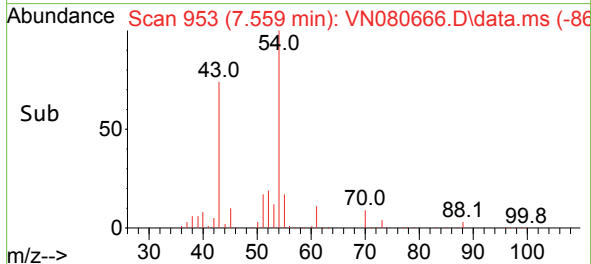
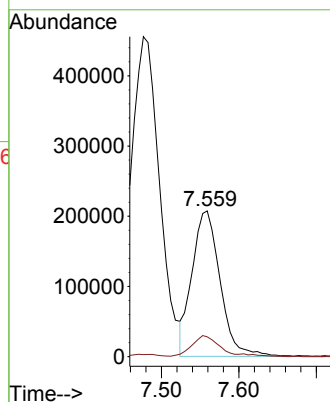
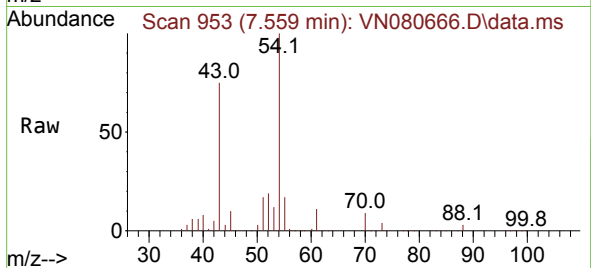
ClientSampleId :

Tgt Ion: 43 Resp: 521499

Ion Ratio Lower Upper

43 100

45 12.9 10.6 15.8



#44

Isopropyl Acetate

Concen: 141.047 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080666.D

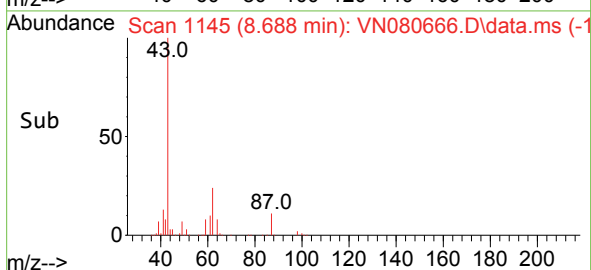
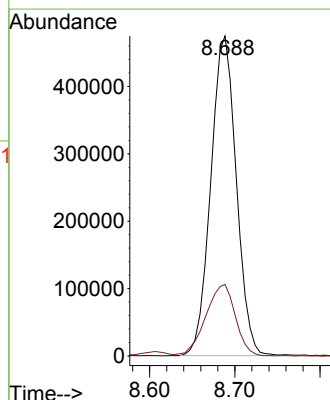
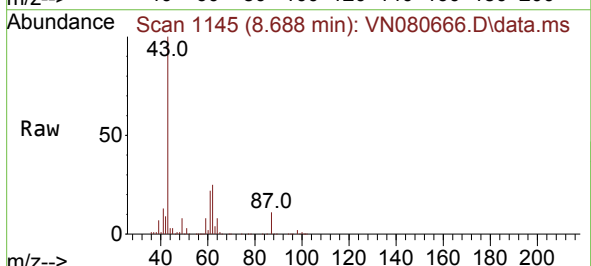
Acq: 11 Jan 2024 10:06

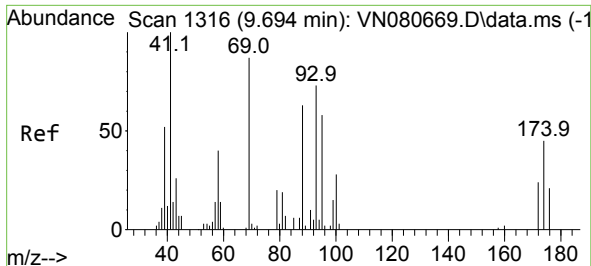
Tgt Ion: 43 Resp: 987564

Ion Ratio Lower Upper

43 100

61 26.0 25.0 37.4

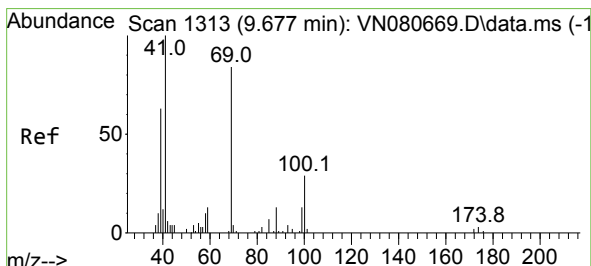
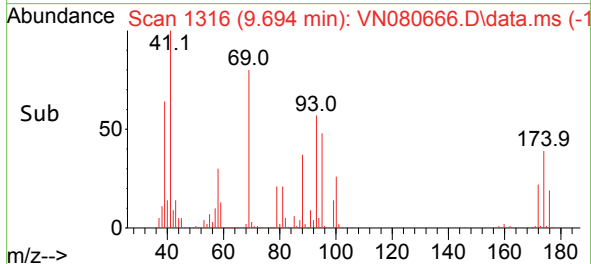
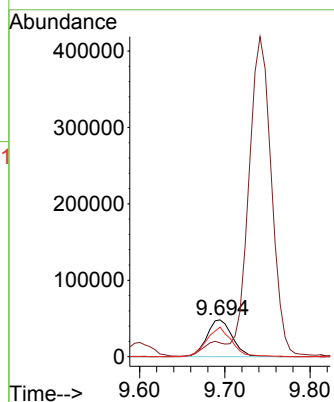
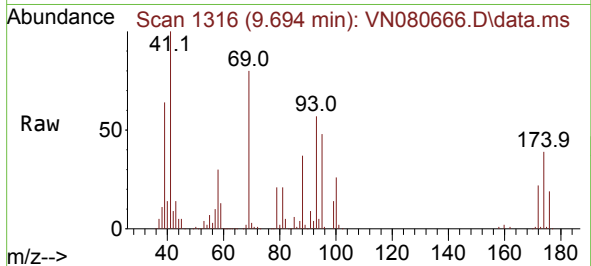




#45
1,4-Dioxane
Concen: 2512.851 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

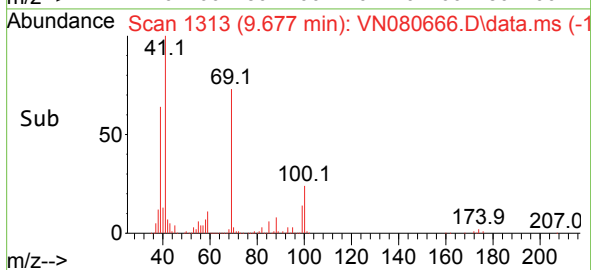
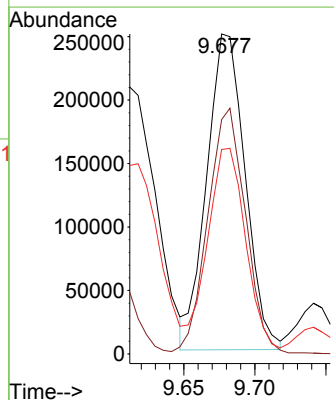
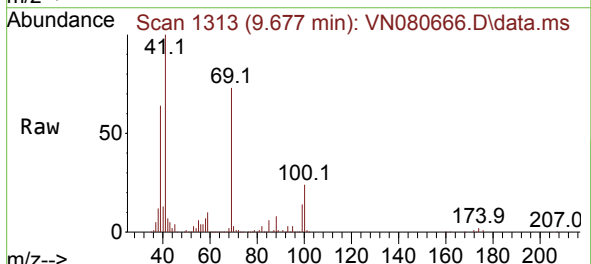
Instrument :
MSVOA_N
ClientSampleId :

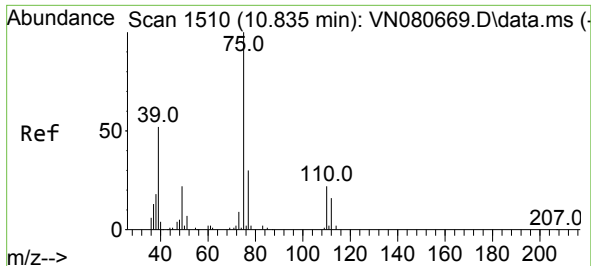
Tgt Ion: 88 Resp: 100064
Ion Ratio Lower Upper
88 100
43 33.6 19.8 29.6#
58 79.5 55.4 83.0



#46
Methyl methacrylate
Concen: 142.170 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 41 Resp: 468732
Ion Ratio Lower Upper
41 100
69 75.0 51.1 153.3
39 64.6 25.8 77.3

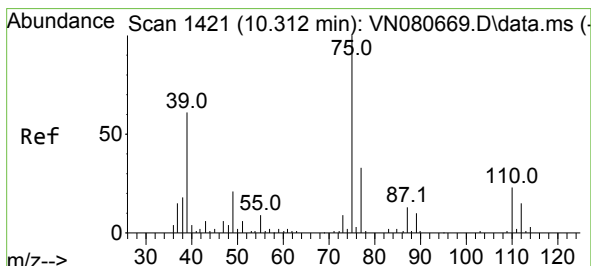
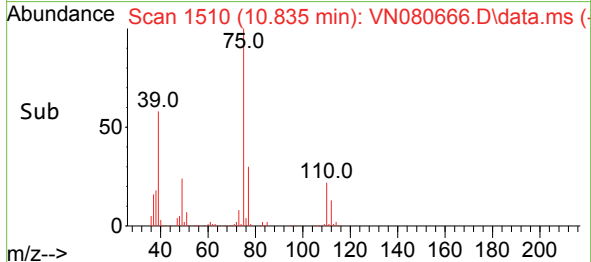
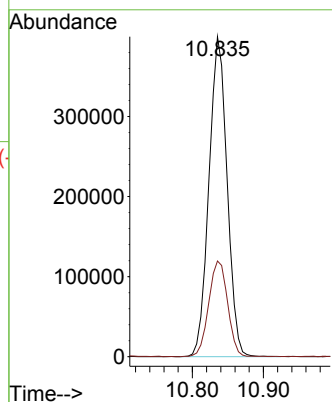
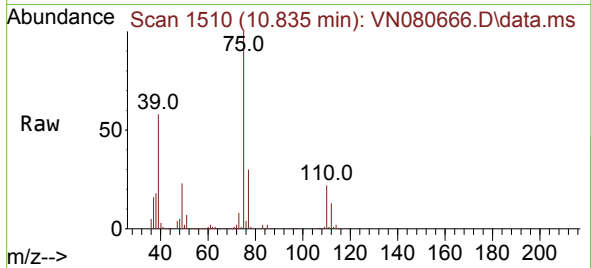




#48
t-1,3-Dichloropropene
Concen: 146.569 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

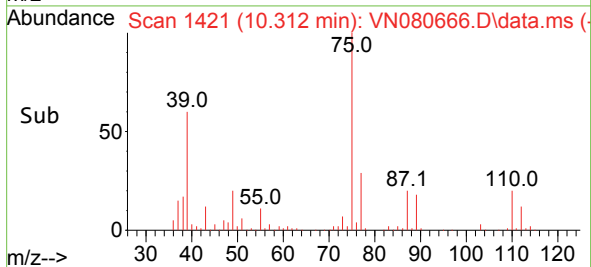
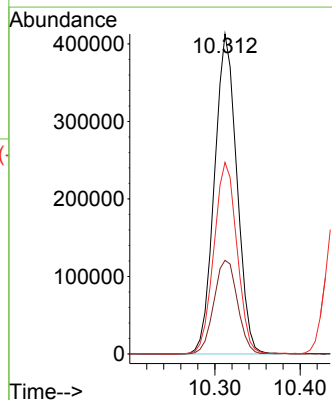
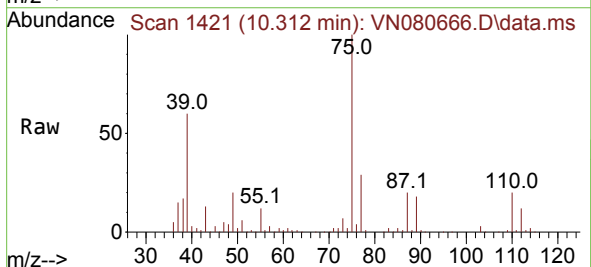
Instrument :
MSVOA_N
ClientSampleId :

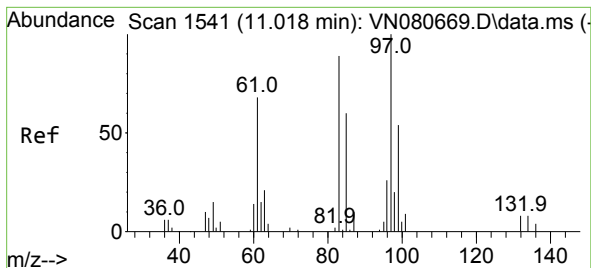
Tgt Ion: 75 Resp: 709631
Ion Ratio Lower Upper
75 100
77 29.9 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 146.663 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 75 Resp: 753685
Ion Ratio Lower Upper
75 100
77 29.2 24.9 37.3
39 59.8 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 140.089 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

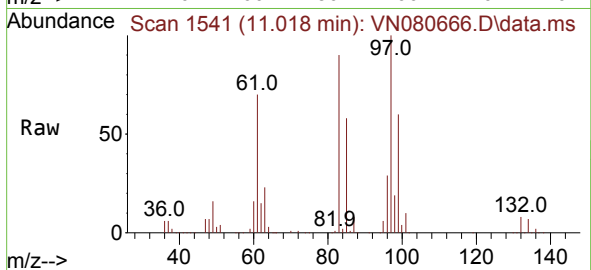
Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 361250

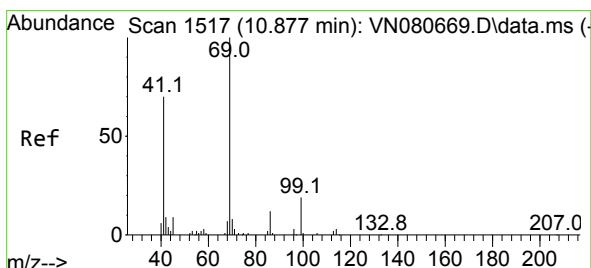
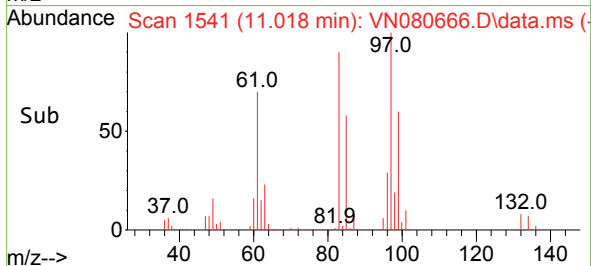
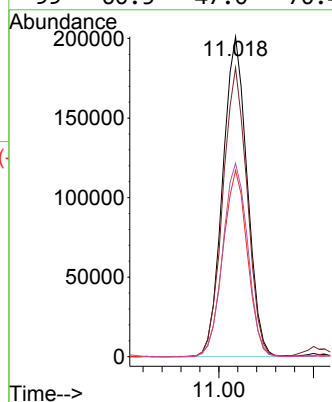
Ion Ratio Lower Upper

97 100

83 90.2 68.1 102.1

85 58.2 41.8 62.6

99 60.5 47.0 70.4



#51

Ethyl methacrylate

Concen: 142.385 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

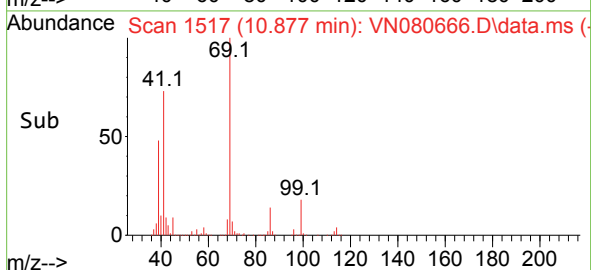
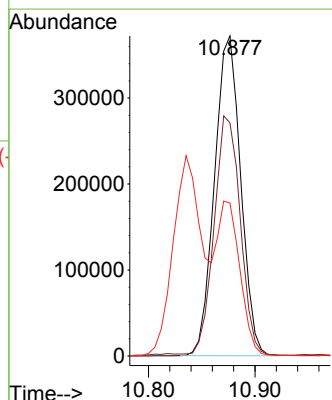
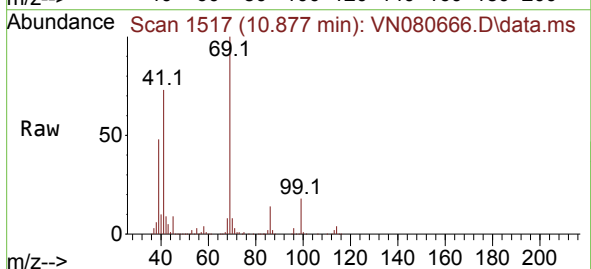
Tgt Ion: 69 Resp: 634714

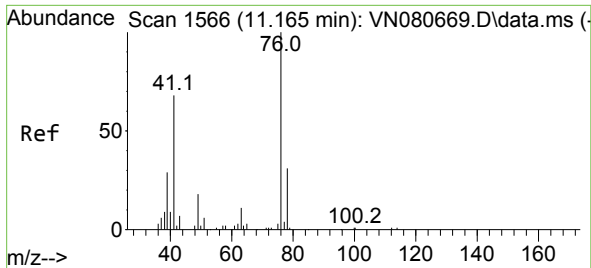
Ion Ratio Lower Upper

69 100

41 72.7 25.5 76.5

39 47.6 16.0 47.9

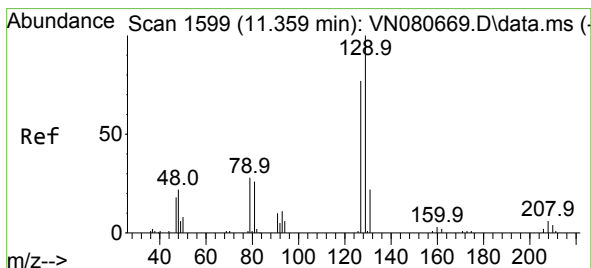
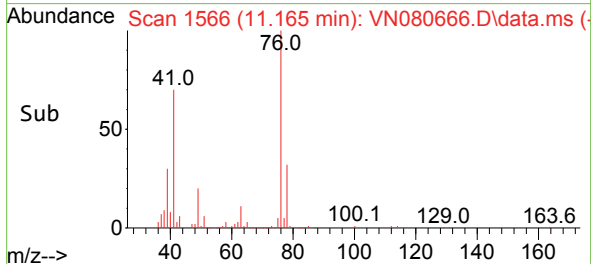
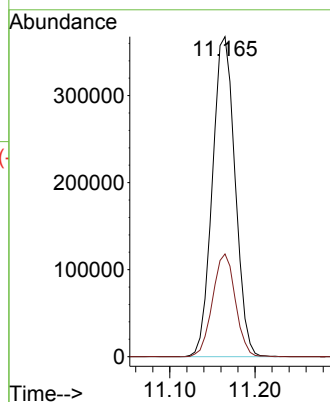
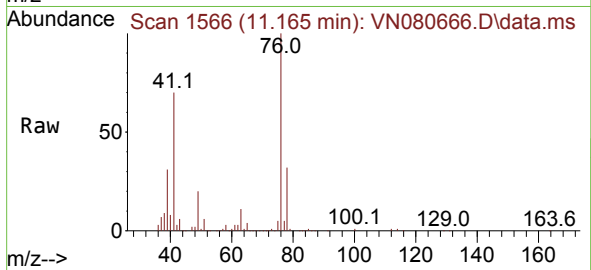




#52
1,3-Dichloropropane
Concen: 140.444 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

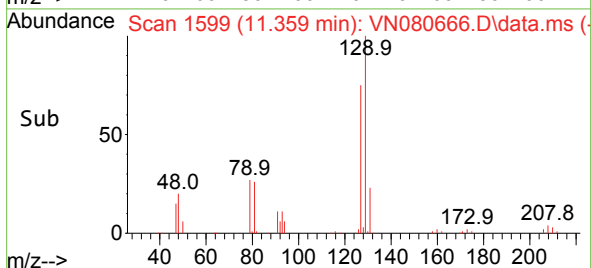
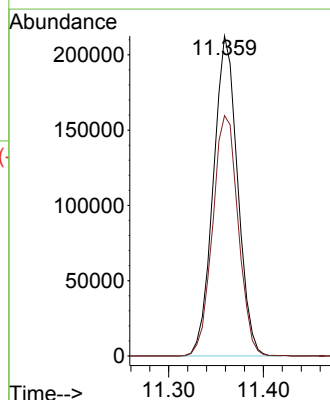
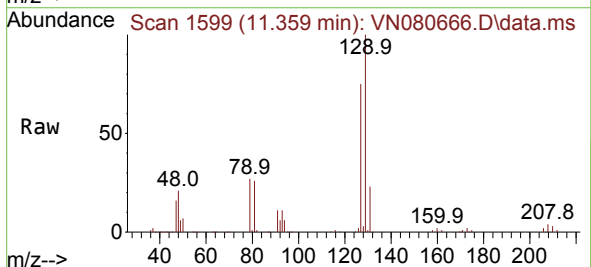
Instrument :
MSVOA_N
ClientSampleId :

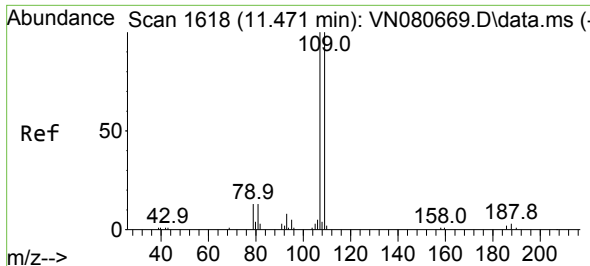
Tgt Ion: 76 Resp: 681800
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8



#53
Dibromochloromethane
Concen: 146.885 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:129 Resp: 379032
Ion Ratio Lower Upper
129 100
127 78.9 39.4 118.1

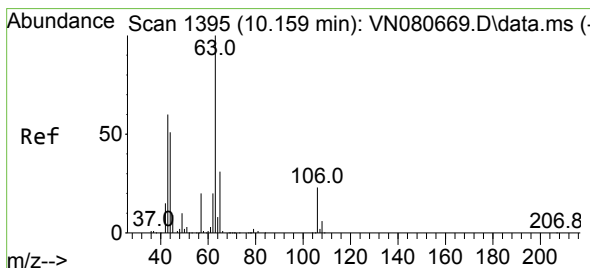
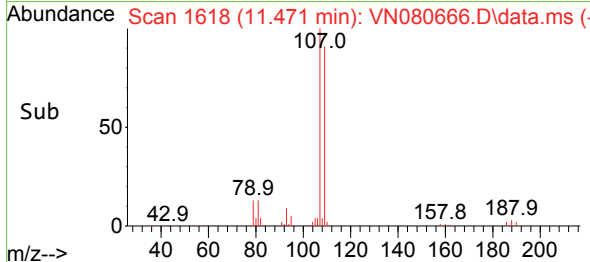
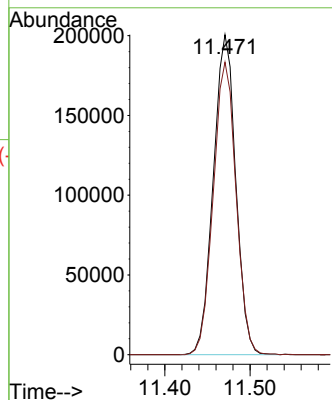
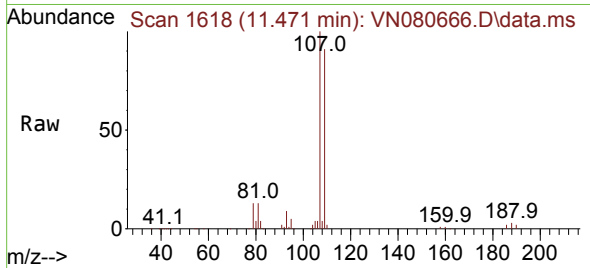




#54
1,2-Dibromoethane
Concen: 144.698 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

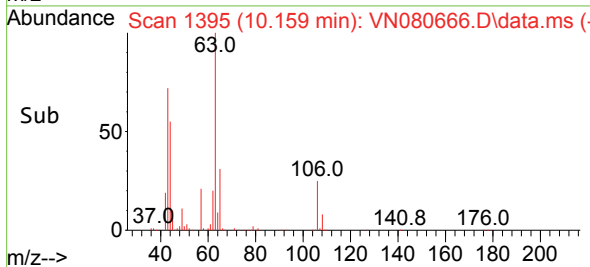
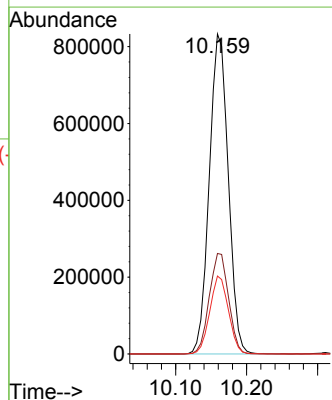
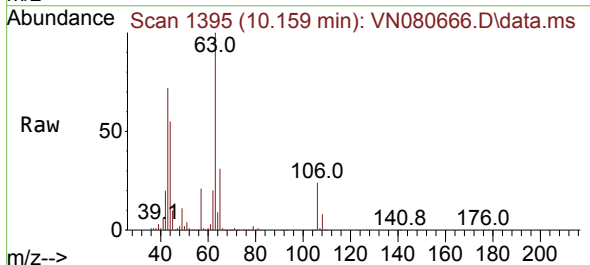
Instrument :
MSVOA_N
ClientSampleId :

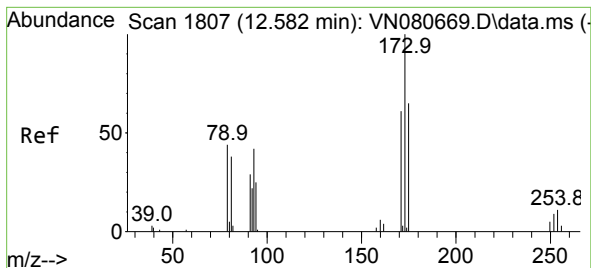
Tgt Ion:107 Resp: 366786
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 673.659 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 63 Resp: 1543510
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 24.0 23.8 35.8





#56

Bromoform

Concen: 147.319 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

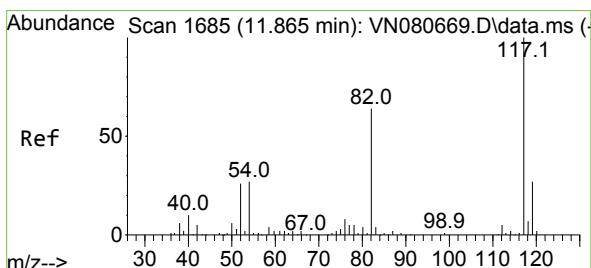
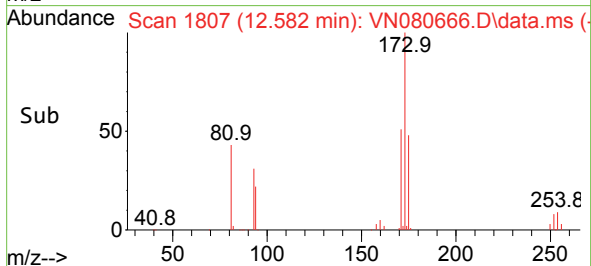
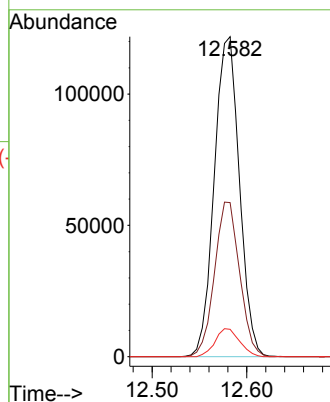
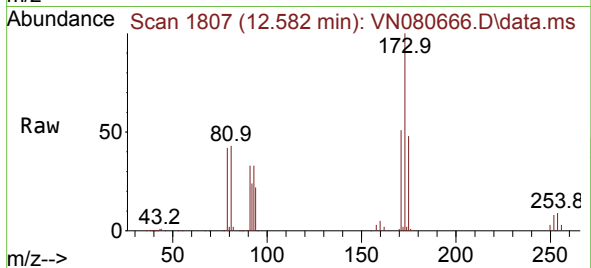
Tgt Ion:173 Resp: 224564

Ion Ratio Lower Upper

173 100

175 48.2 40.0 60.0

254 8.6 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: VN080666.D

Acq: 11 Jan 2024 10:06

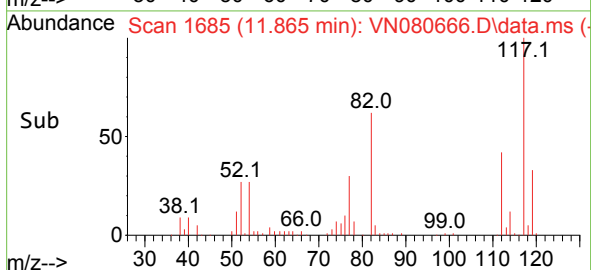
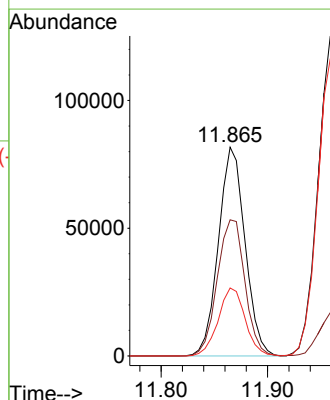
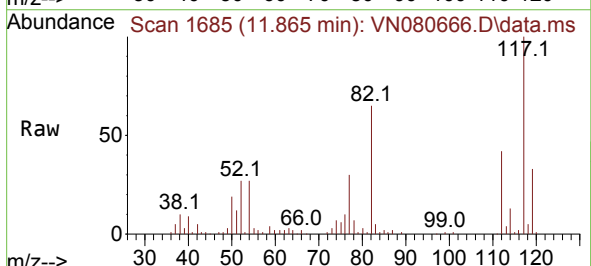
Tgt Ion:117 Resp: 141696

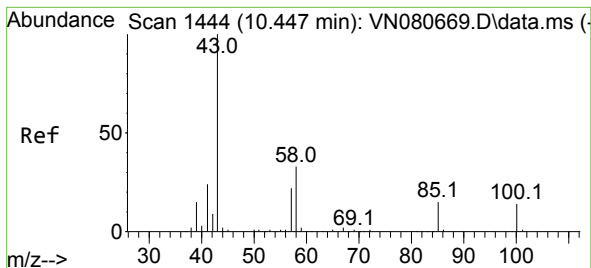
Ion Ratio Lower Upper

117 100

82 68.0 46.6 69.8

119 33.1 25.4 38.2





#58

4-Methyl-2-Pentanone

Concen: 686.450 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

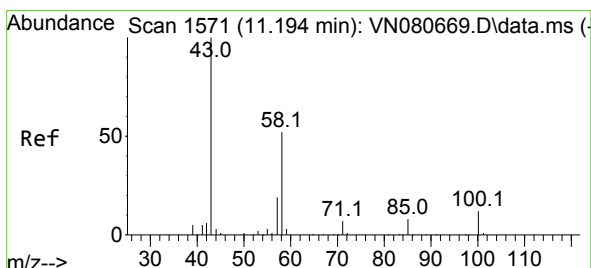
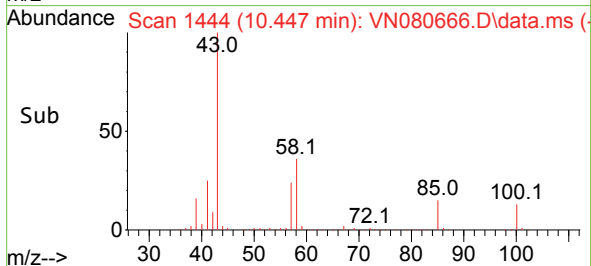
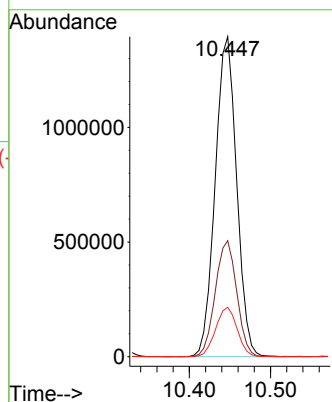
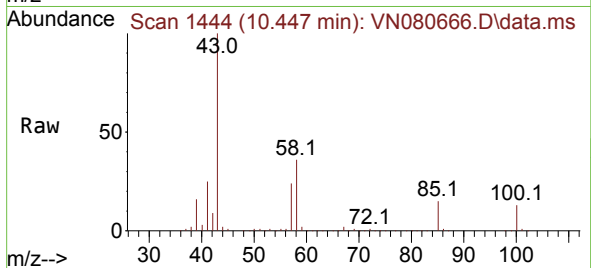
Tgt Ion: 43 Resp: 2558705

Ion Ratio Lower Upper

43 100

58 36.4 36.5 54.7#

85 15.5 19.5 29.3#



#59

2-Hexanone

Concen: 689.889 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

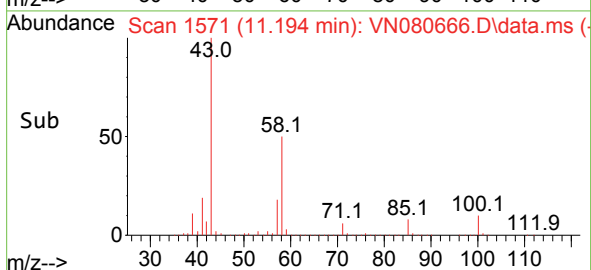
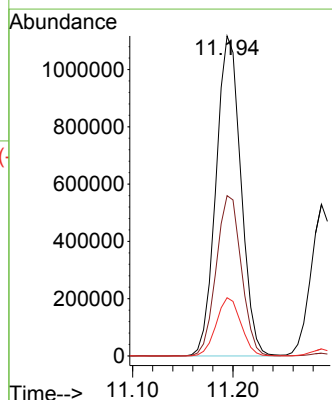
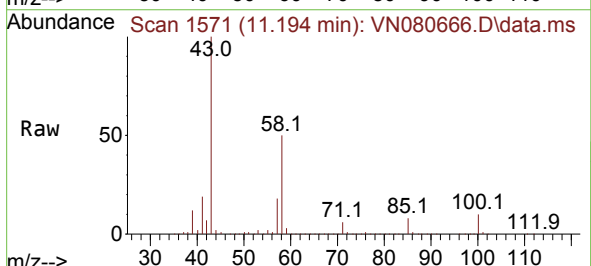
Tgt Ion: 43 Resp: 1919979

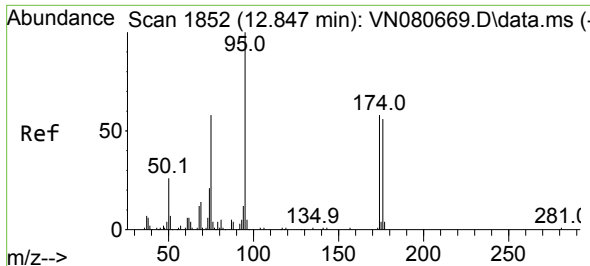
Ion Ratio Lower Upper

43 100

58 50.7 50.4 75.6

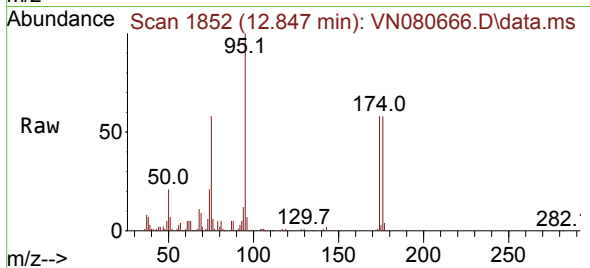
57 18.1 18.6 27.8#



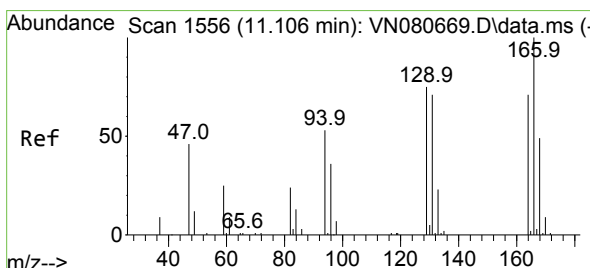
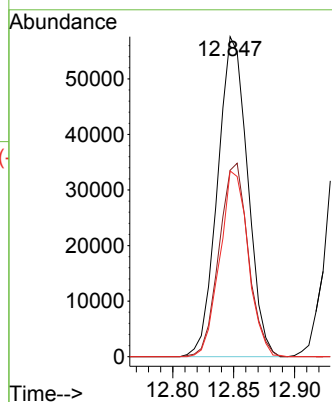
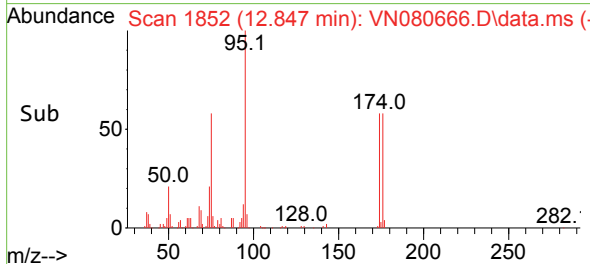


#60
4-Bromofluorobenzene
Concen: 31.551 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

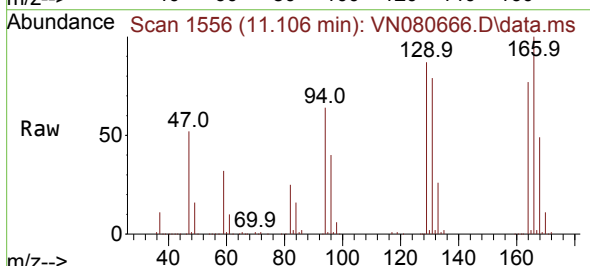
Instrument :
MSVOA_N
ClientSampleId :



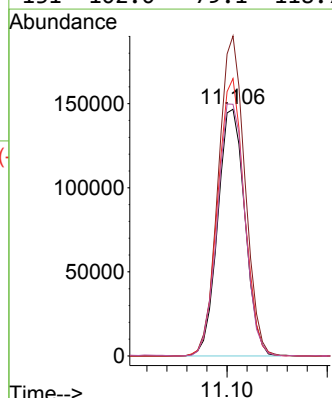
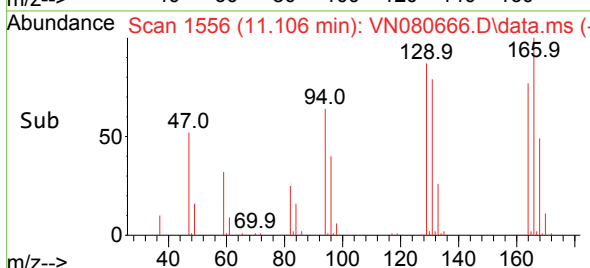
Tgt Ion: 95 Resp: 98896
Ion Ratio Lower Upper
95 100
174 58.8 60.5 90.7#
176 54.9 57.8 86.6#

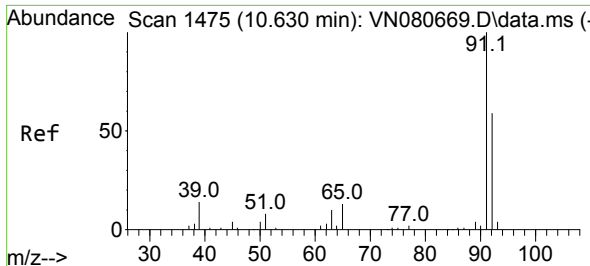


#61
Tetrachloroethene
Concen: 146.109 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion: 164 Resp: 275590
Ion Ratio Lower Upper
164 100
166 129.7 106.7 160.1
129 112.4 85.8 128.6
131 102.0 79.1 118.7

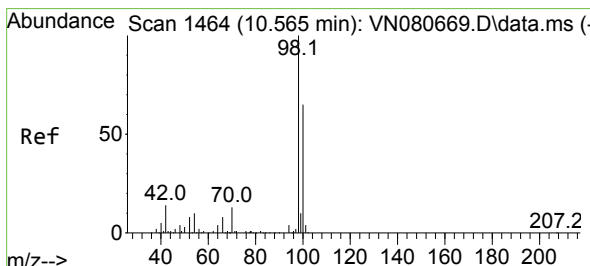
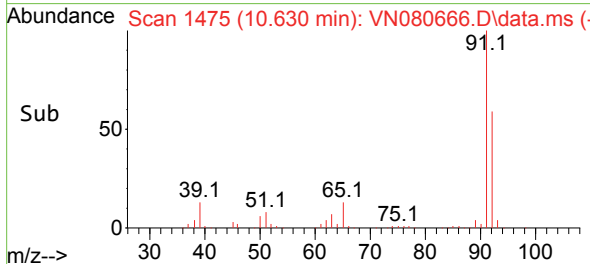
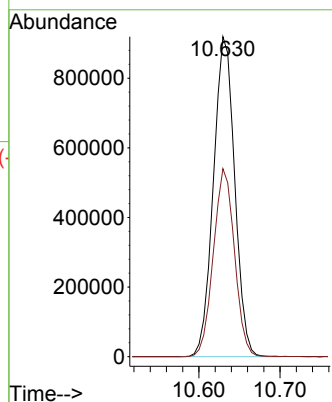
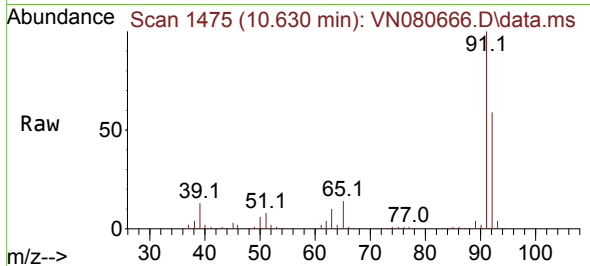




#62
Toluene
Concen: 147.071 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

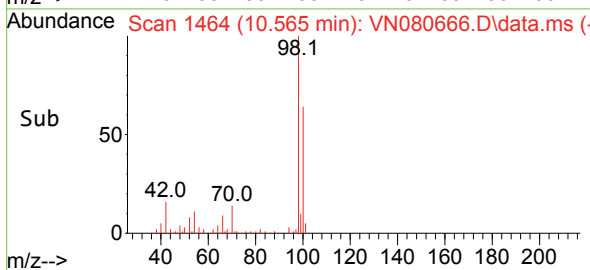
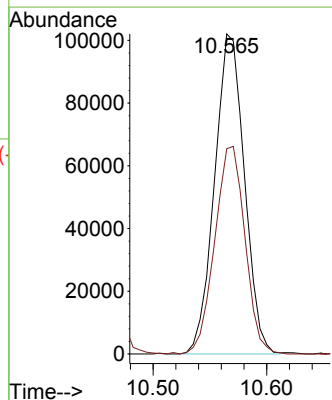
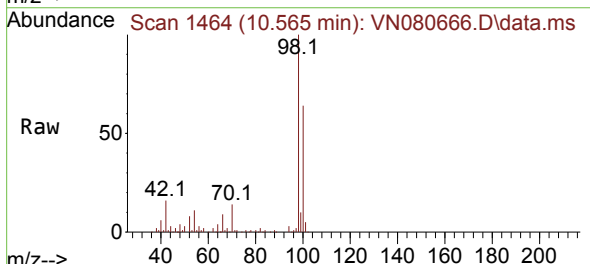
Instrument :
MSVOA_N
ClientSampleId :

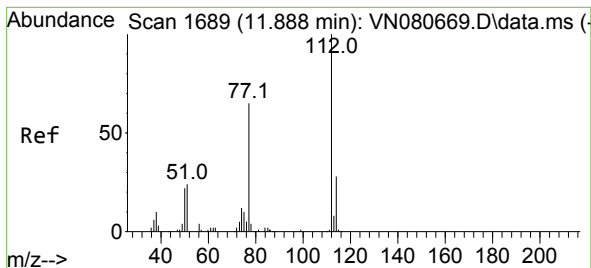
Tgt Ion: 91 Resp: 1676138
Ion Ratio Lower Upper
91 100
92 58.3 46.5 69.7



#63
Toluene-d8
Concen: 29.993 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 98 Resp: 186515
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#64

Chlorobenzene

Concen: 148.722 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

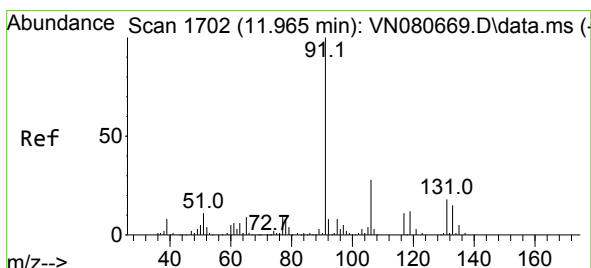
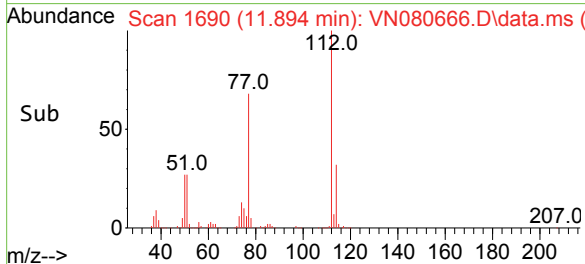
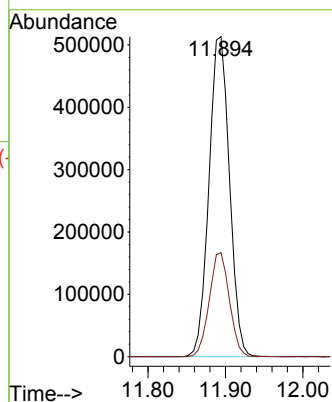
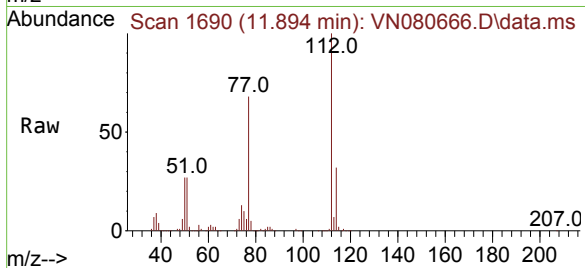
ClientSampleId :

Tgt Ion:112 Resp: 944049

Ion Ratio Lower Upper

112 100

114 32.5 26.6 39.8



#65

1,1,1,2-Tetrachloroethane

Concen: 142.860 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

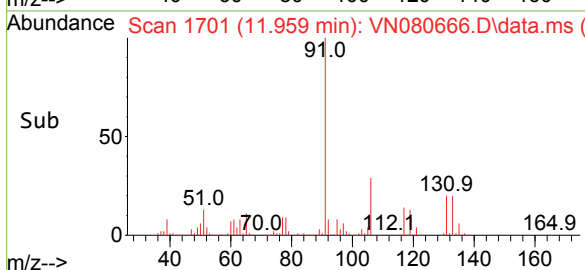
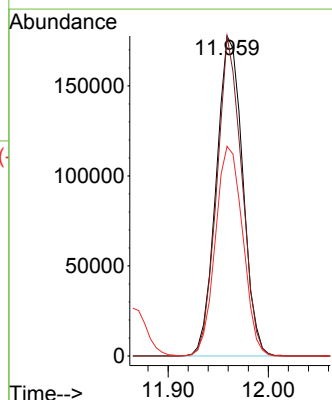
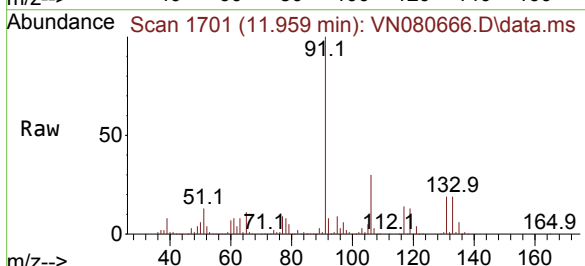
Tgt Ion:131 Resp: 325825

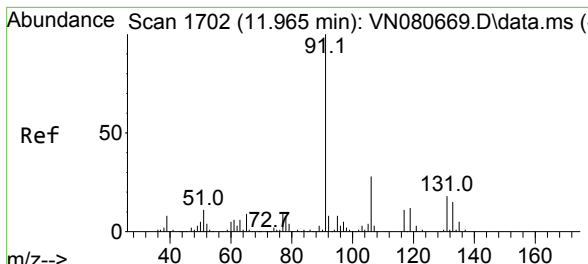
Ion Ratio Lower Upper

131 100

133 94.2 0.0 188.0

119 67.9 0.0 122.8

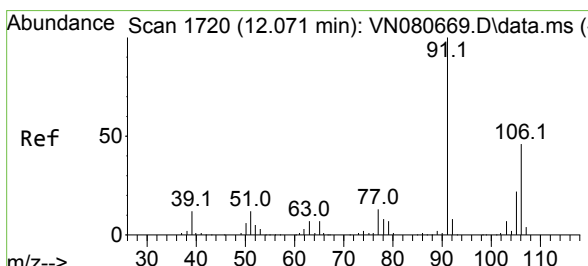
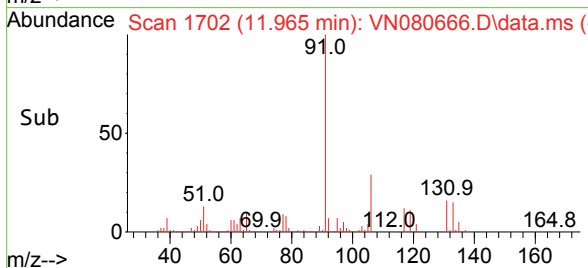
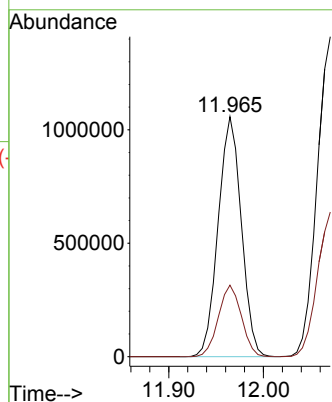
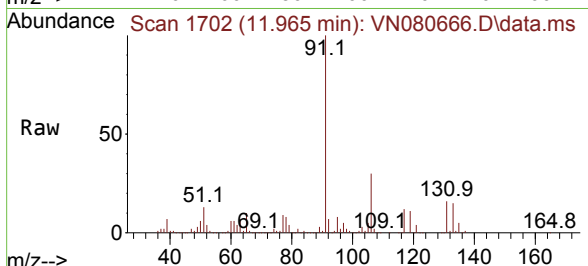




#66
Ethyl Benzene
Concen: 149.819 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

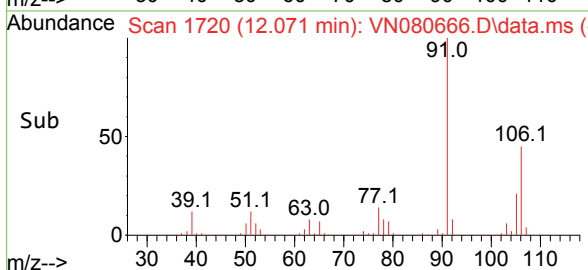
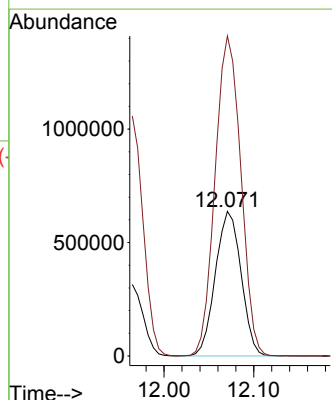
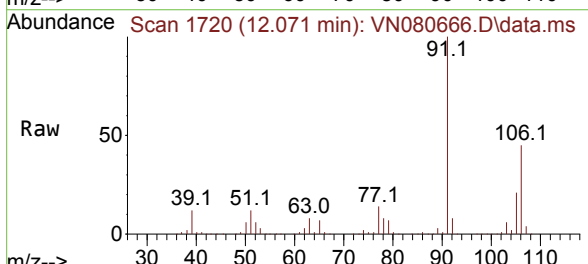
Instrument :
MSVOA_N
ClientSampleId :

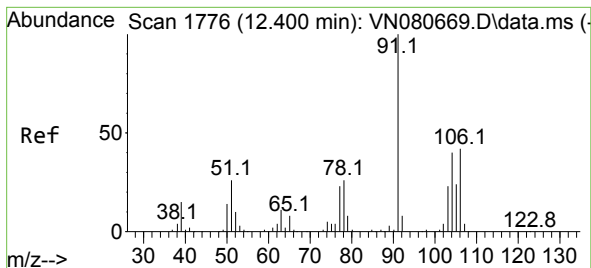
Tgt Ion: 91 Resp: 1795841
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#67
m/p-Xylenes
Concen: 294.419 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:106 Resp: 1268439
Ion Ratio Lower Upper
106 100
91 221.3 166.6 249.8





#68

o-Xylene

Concen: 146.958 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

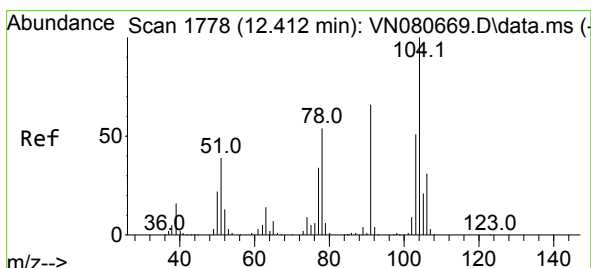
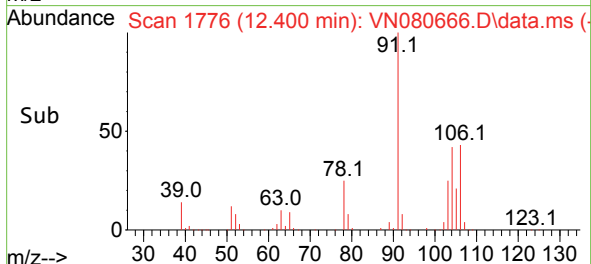
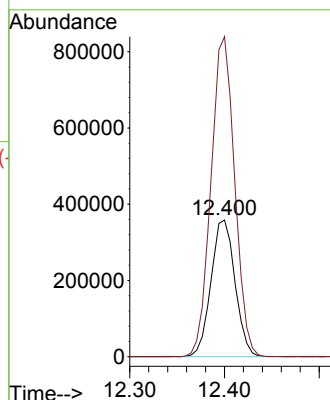
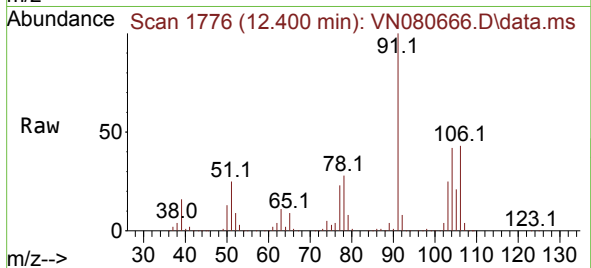
ClientSampleId :

Tgt Ion:106 Resp: 631430

Ion Ratio Lower Upper

106 100

91 231.4 110.0 330.0



#69

Styrene

Concen: 147.859 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

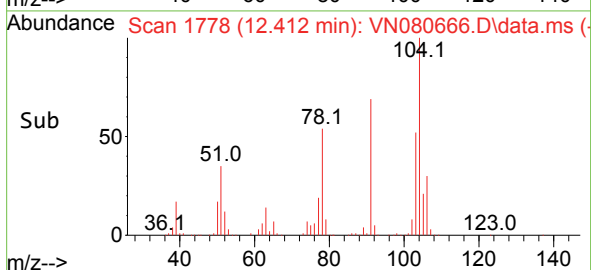
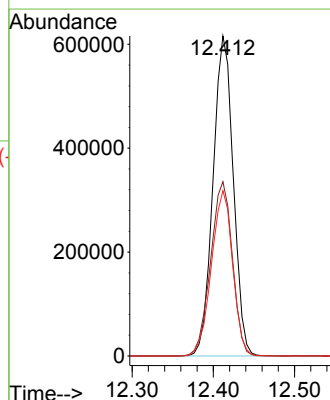
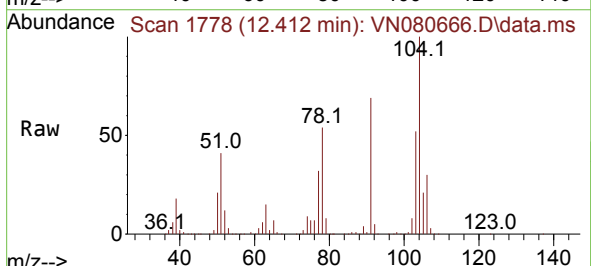
Tgt Ion:104 Resp: 1067326

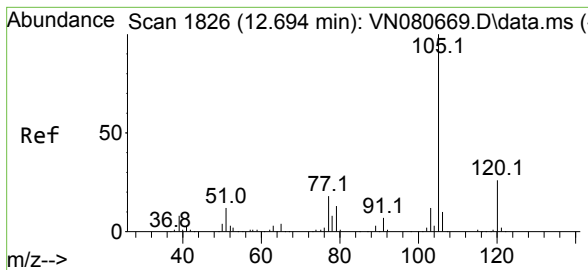
Ion Ratio Lower Upper

104 100

78 58.6 42.6 64.0

103 54.2 43.7 65.5

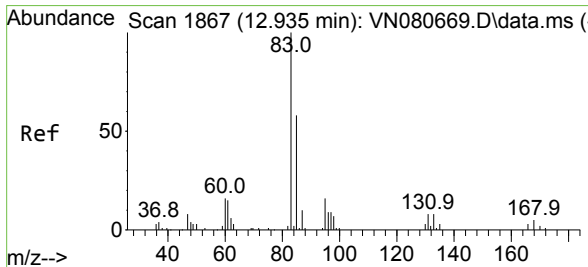
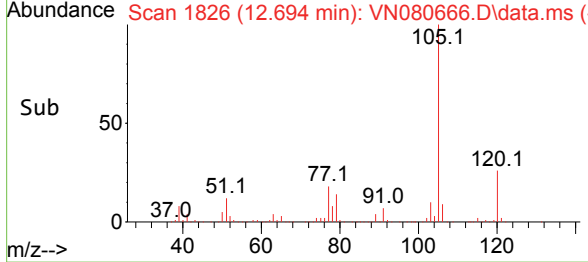
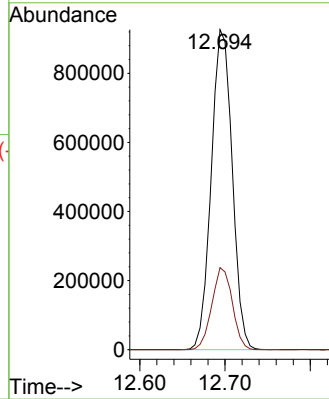
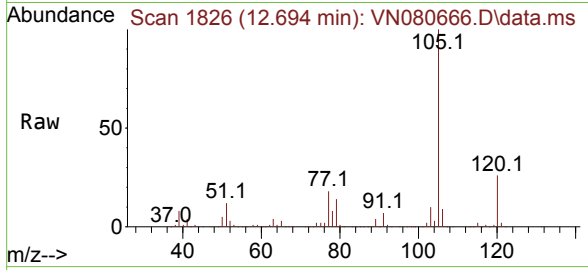




#70
Isopropylbenzene
Concen: 150.825 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

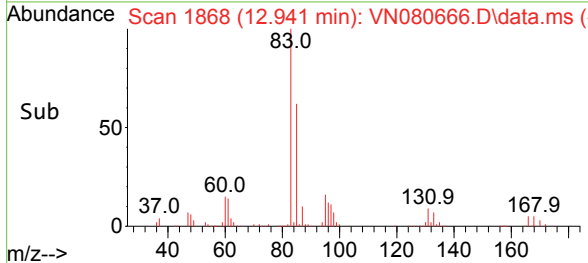
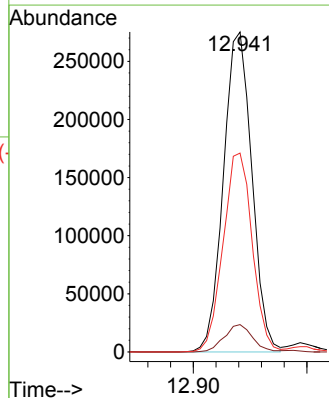
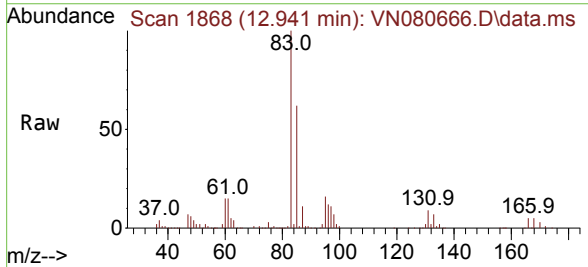
Instrument :
MSVOA_N
ClientSampleId :

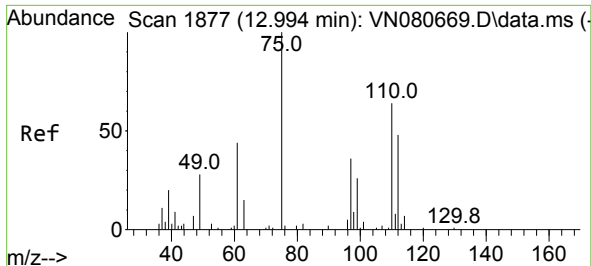
Tgt Ion:105 Resp: 1583843
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.1



#71
1,1,2,2-Tetrachloroethane
Concen: 139.708 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 83 Resp: 478869
Ion Ratio Lower Upper
83 100
131 8.5 5.2 15.6
85 63.6 32.3 96.8

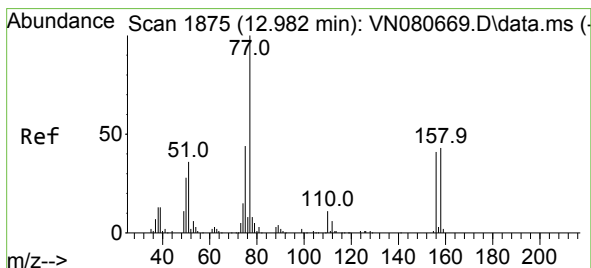
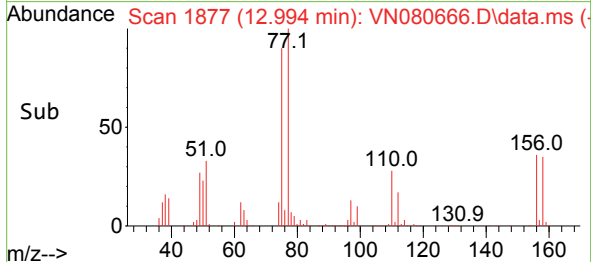
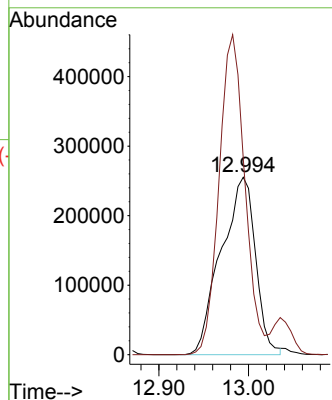
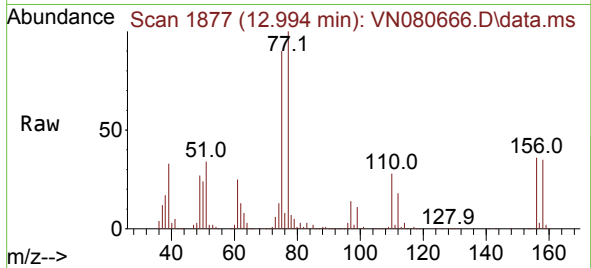




#72
1,2,3-Trichloropropane
Concen: 201.549 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

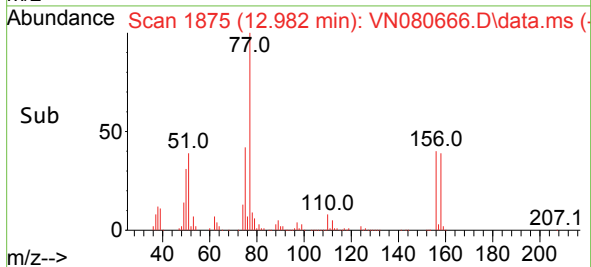
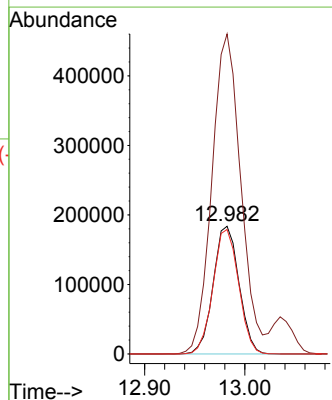
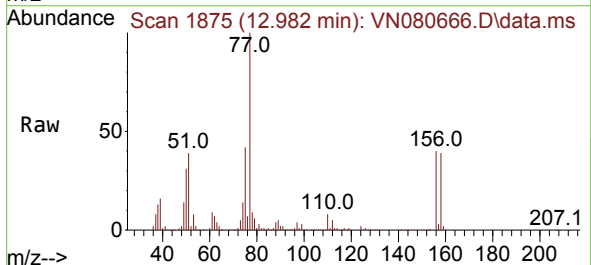
Instrument :
MSVOA_N
ClientSampleId :

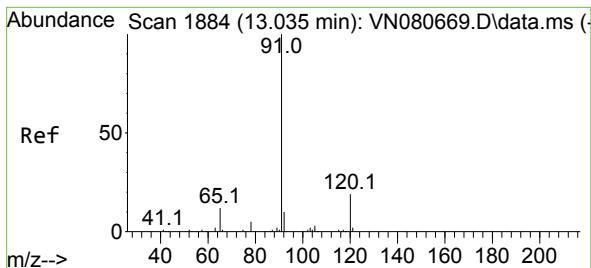
Tgt Ion: 75 Resp: 678742
Ion Ratio Lower Upper
75 100
77 135.0 0.0 367.6



#73
Bromobenzene
Concen: 146.595 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:156 Resp: 328129
Ion Ratio Lower Upper
156 100
77 279.3 0.0 437.6
158 96.7 0.0 203.8





#74

n-propylbenzene

Concen: 156.860 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

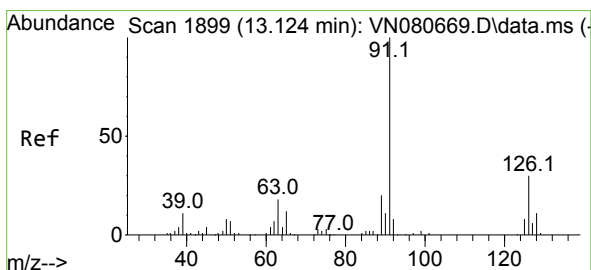
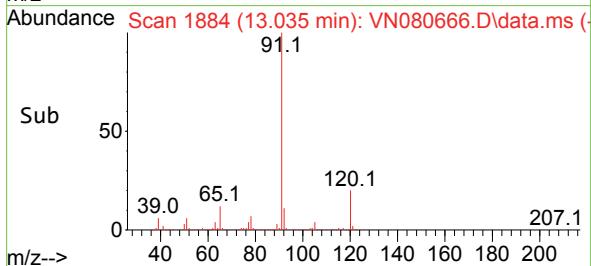
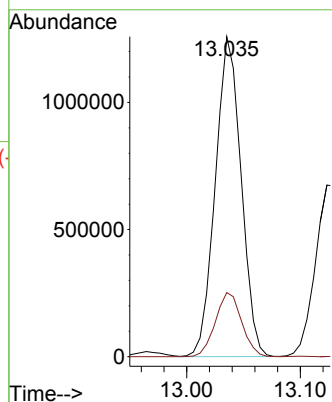
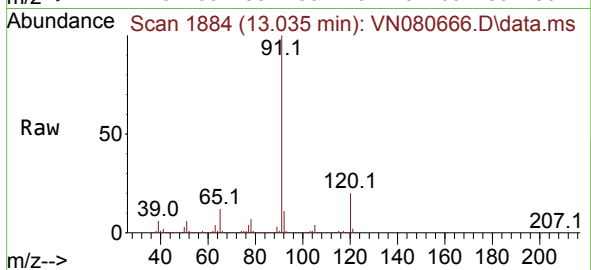
ClientSampleId :

Tgt Ion: 91 Resp: 1986573

Ion Ratio Lower Upper

91 100

120 20.4 0.0 43.8



#75

2-Chlorotoluene

Concen: 153.537 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VN080666.D

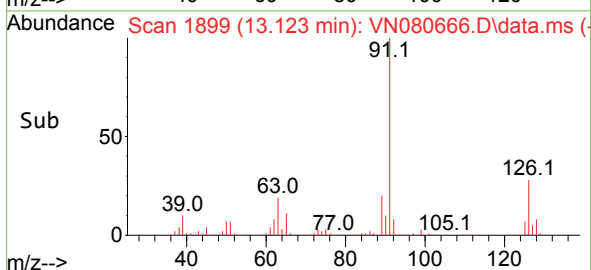
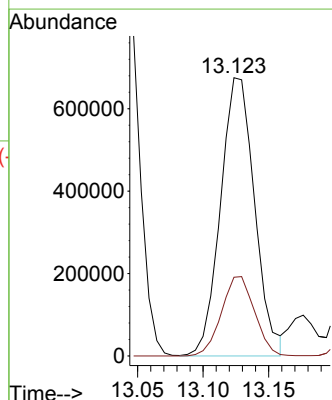
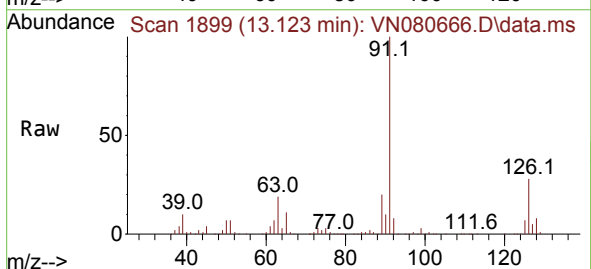
Acq: 11 Jan 2024 10:06

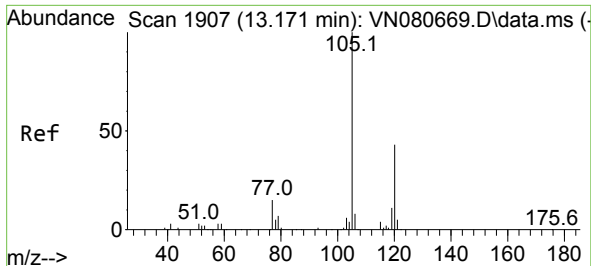
Tgt Ion: 91 Resp: 1222835

Ion Ratio Lower Upper

91 100

126 27.8 0.0 61.2

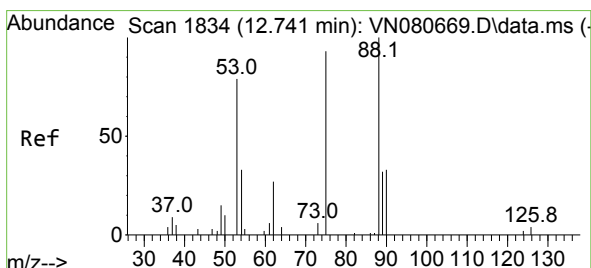
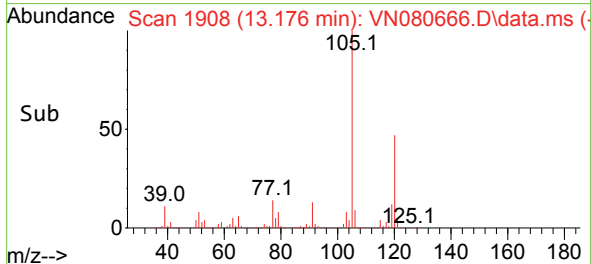
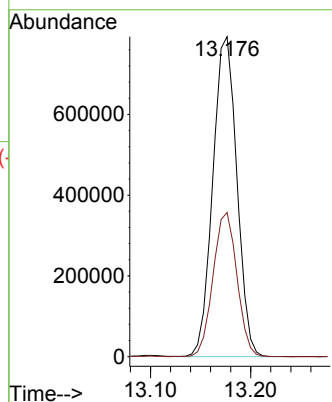
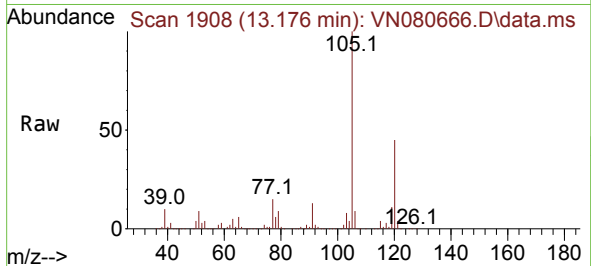




#76
1,3,5-Trimethylbenzene
Concen: 151.145 ug/l
RT: 13.176 min Scan# 1907
Delta R.T. 0.005 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

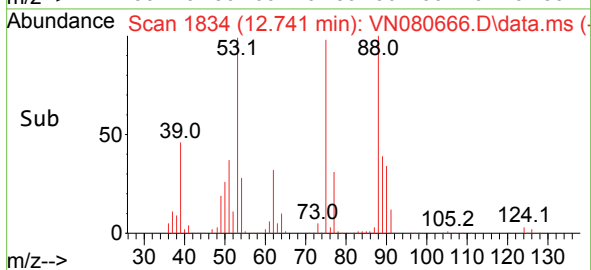
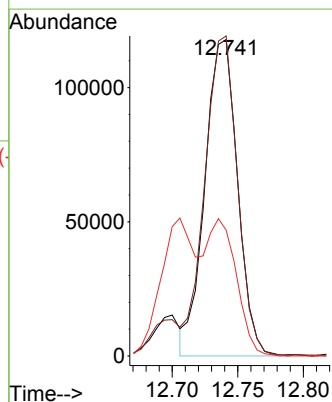
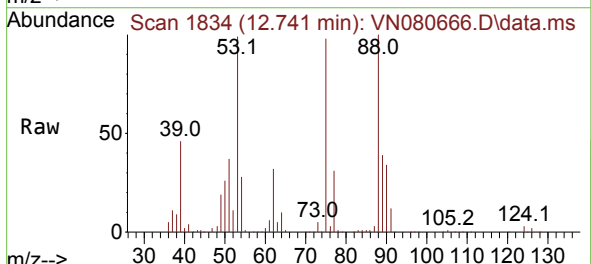
Instrument :
MSVOA_N
ClientSampleId :

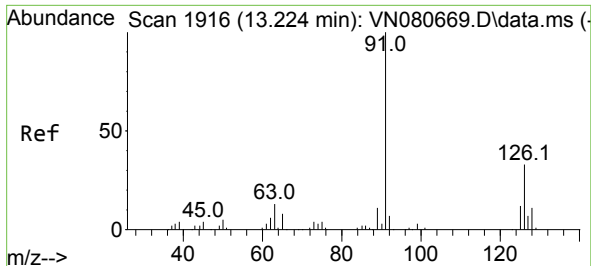
Tgt Ion:105 Resp: 1321044
Ion Ratio Lower Upper
105 100
120 44.8 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 153.395 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

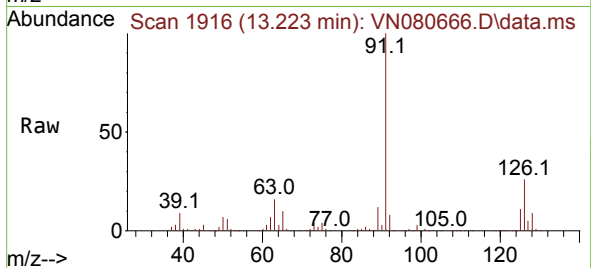
Tgt Ion: 75 Resp: 204287
Ion Ratio Lower Upper
75 100
53 101.0 45.9 137.7
89 39.9 25.9 77.7



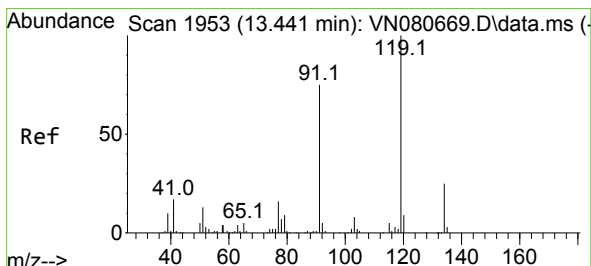
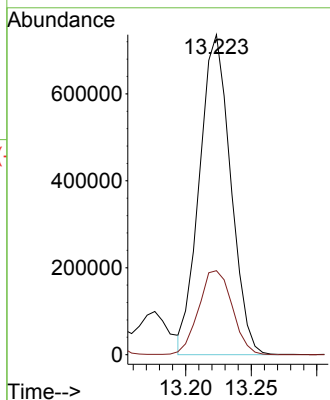
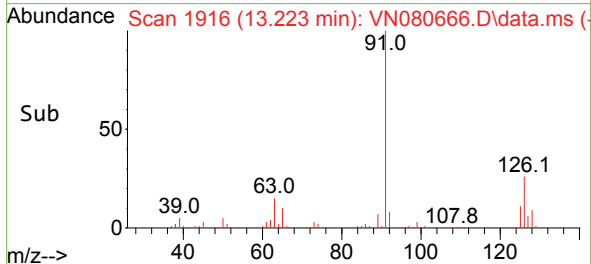


#78
4-Chlorotoluene
Concen: 153.085 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :

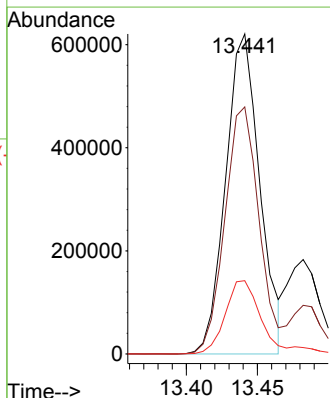
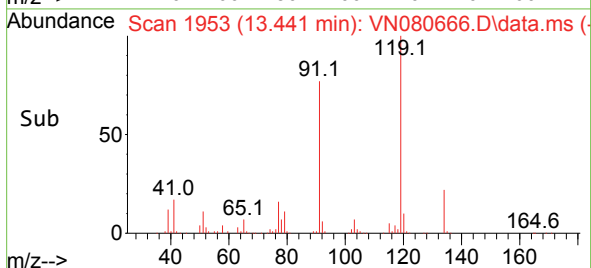
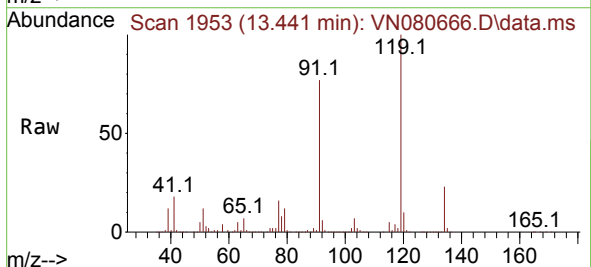


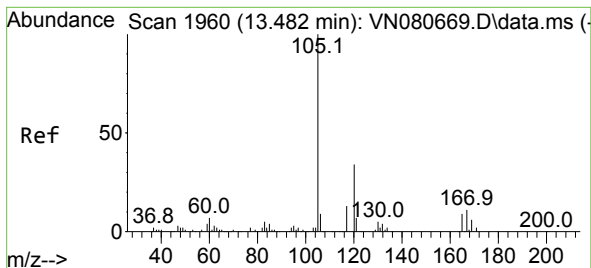
Tgt Ion: 91 Resp: 1218741
Ion Ratio Lower Upper
91 100
126 28.2 0.0 62.8



#79
tert-butylbenzene
Concen: 152.500 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 119 Resp: 1040400
Ion Ratio Lower Upper
119 100
91 77.0 0.0 138.8
134 23.2 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 150.216 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

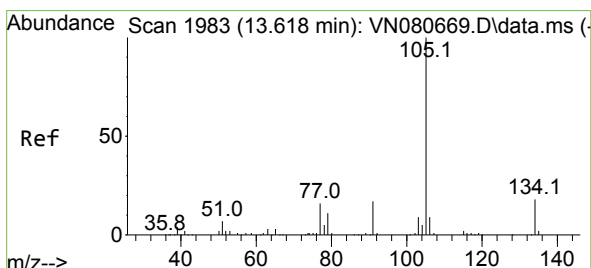
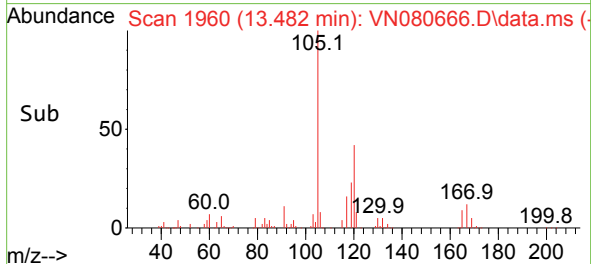
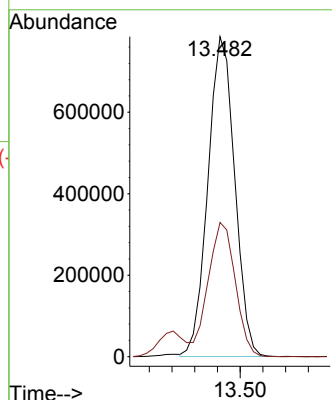
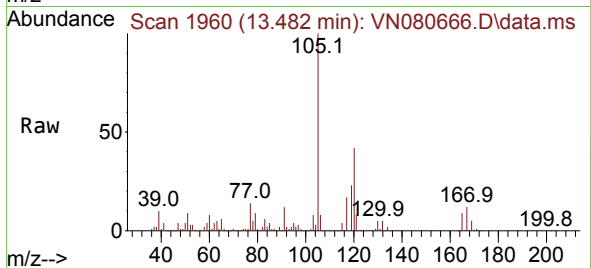
ClientSampleId :

Tgt Ion:105 Resp: 1284504

Ion Ratio Lower Upper

105 100

120 43.0 0.0 86.8



#81

sec-Butylbenzene

Concen: 153.153 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080666.D

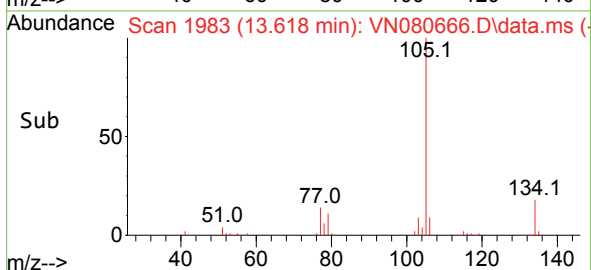
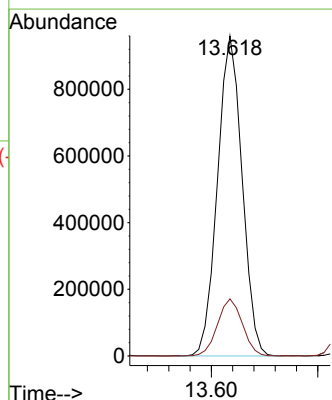
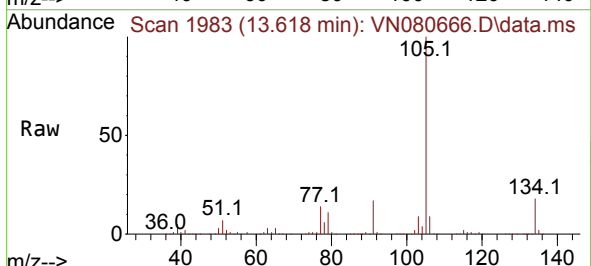
Acq: 11 Jan 2024 10:06

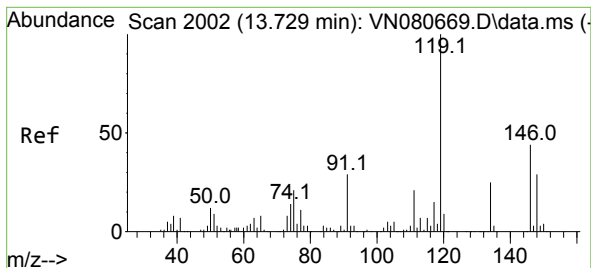
Tgt Ion:105 Resp: 1538132

Ion Ratio Lower Upper

105 100

134 18.1 0.0 39.0





#82

p-Isopropyltoluene

Concen: 153.298 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

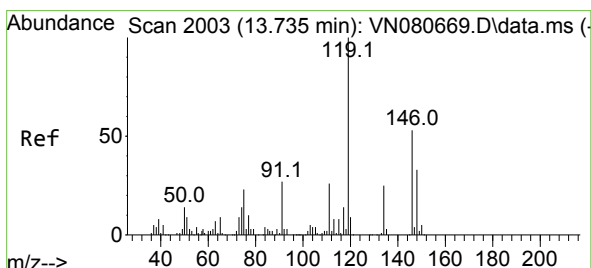
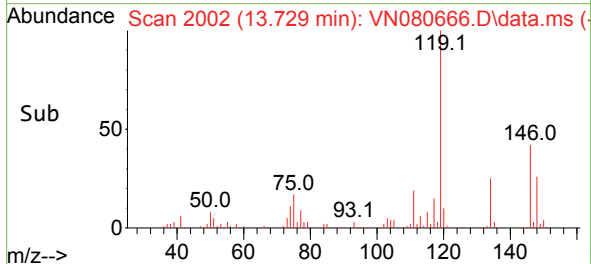
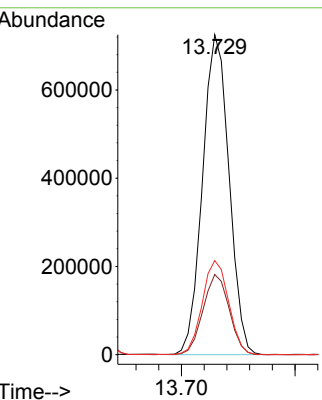
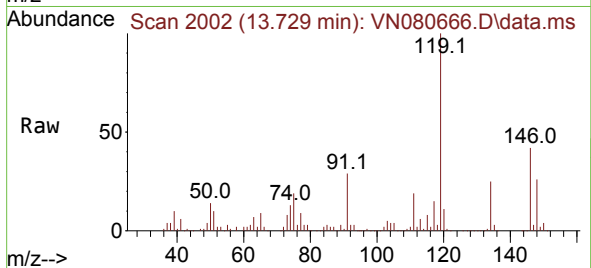
Tgt Ion:119 Resp: 1174100

Ion Ratio Lower Upper

119 100

134 24.8 0.0 49.2

91 29.2 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 148.302 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

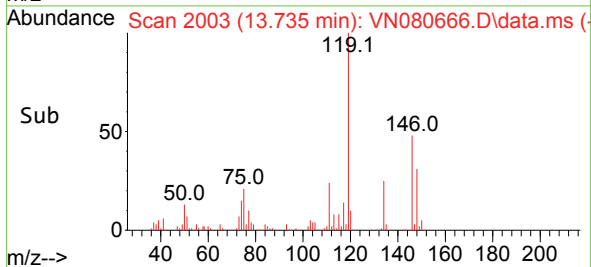
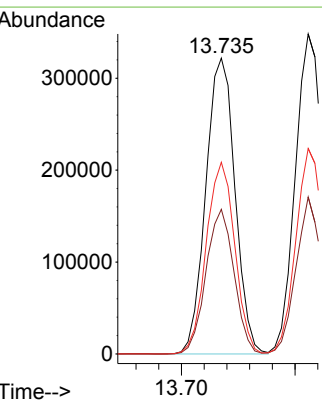
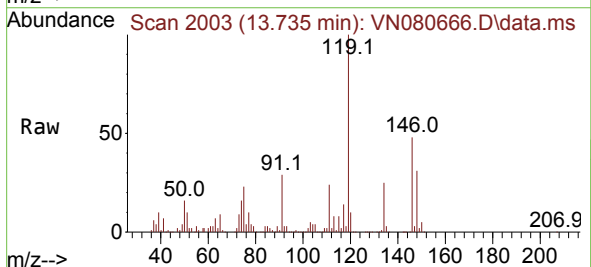
Tgt Ion:146 Resp: 575884

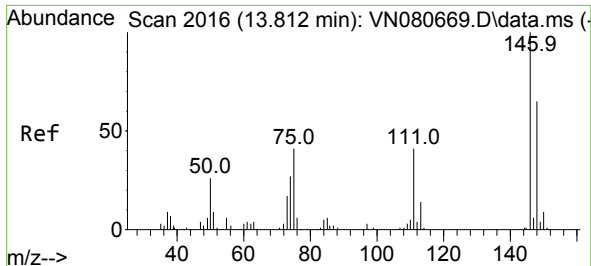
Ion Ratio Lower Upper

146 100

111 46.9 22.4 67.0

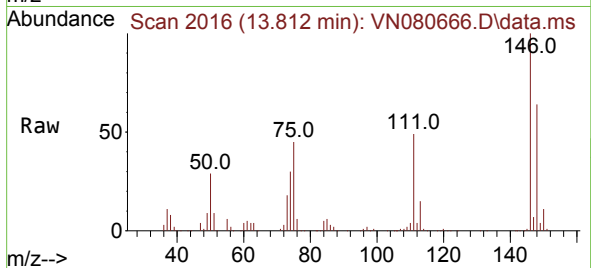
148 63.2 32.1 96.5



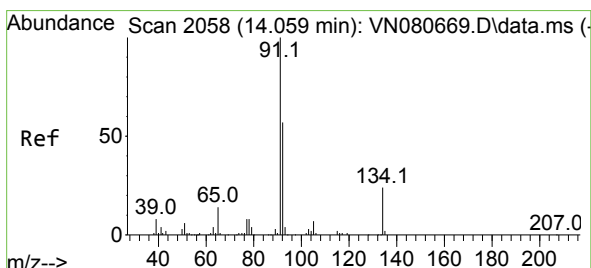
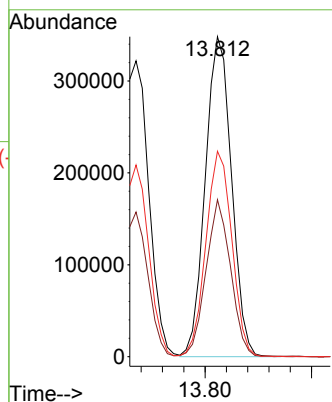
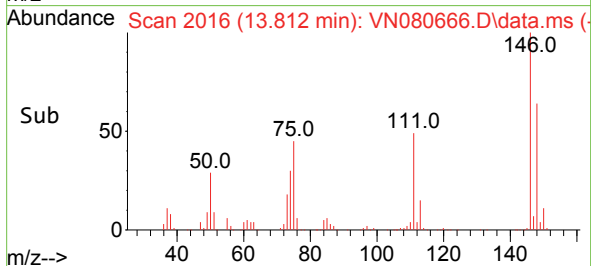


#84
1,4-Dichlorobenzene
Concen: 152.407 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

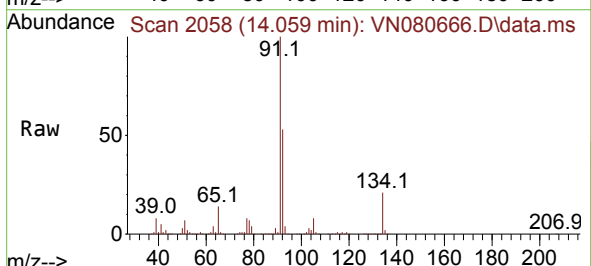
Instrument :
MSVOA_N
ClientSampleId :



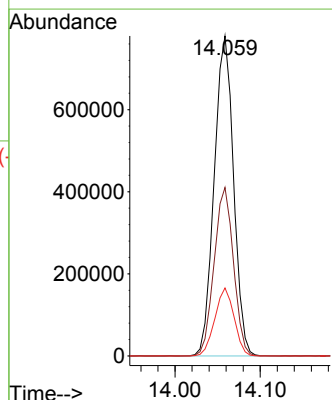
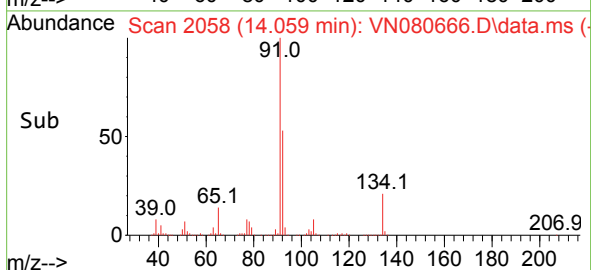
Tgt Ion:146 Resp: 595905
Ion Ratio Lower Upper
146 100
111 46.0 21.3 63.9
148 63.7 31.9 95.5

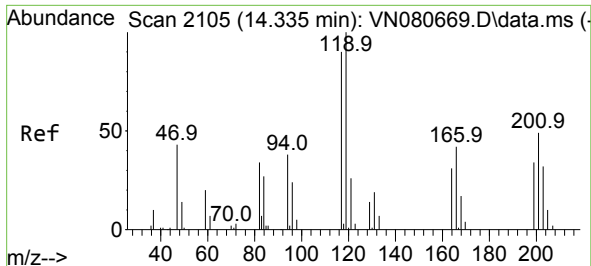


#85
n-Butylbenzene
Concen: 162.568 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion: 91 Resp: 1230206
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 21.1 0.0 51.8

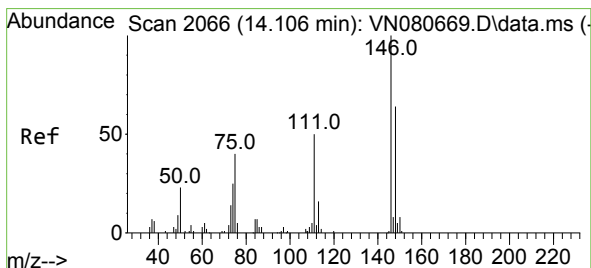
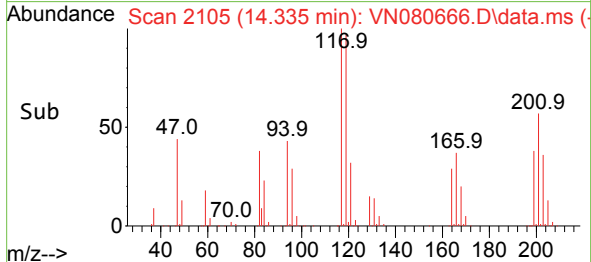
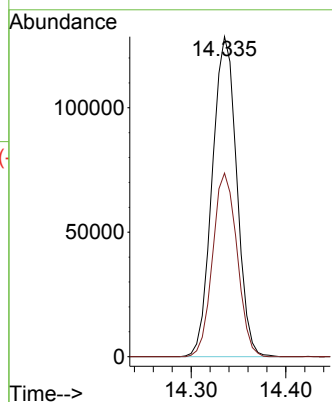
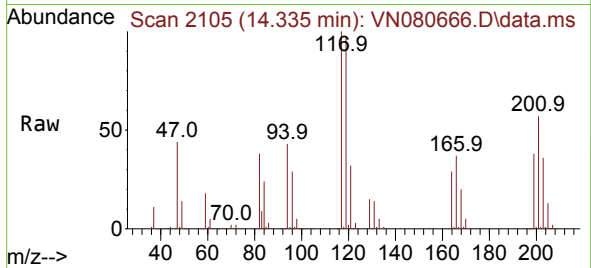




#86
Hexachloroethane
Concen: 160.577 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

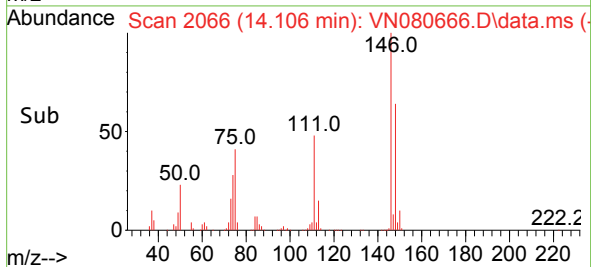
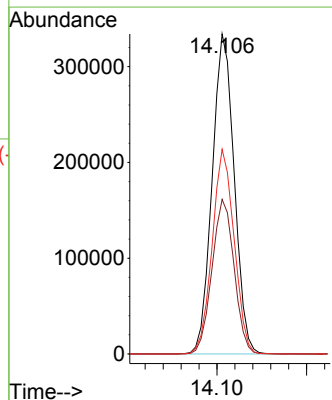
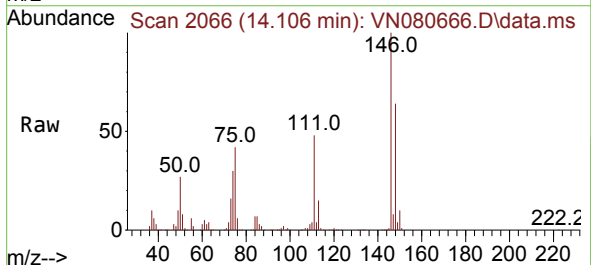
Instrument :
MSVOA_N
ClientSampleId :

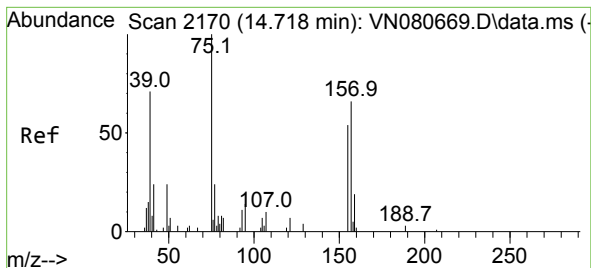
Tgt Ion:117 Resp: 231270
Ion Ratio Lower Upper
117 100
201 57.2 38.0 114.0



#87
1,2-Dichlorobenzene
Concen: 149.459 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:146 Resp: 569335
Ion Ratio Lower Upper
146 100
111 48.5 22.6 67.8
148 63.6 31.3 93.8

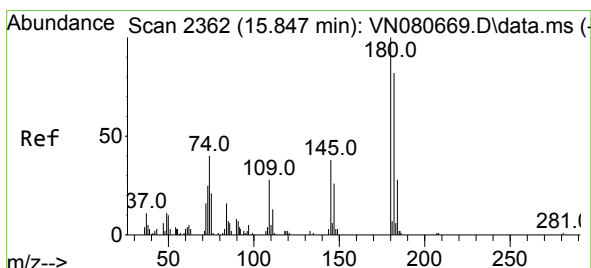
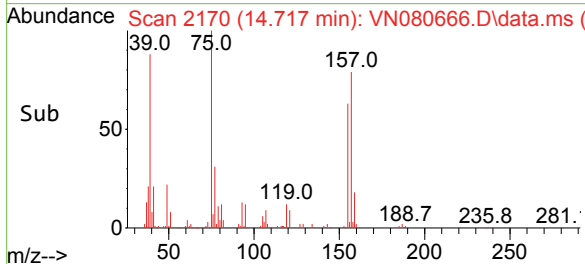
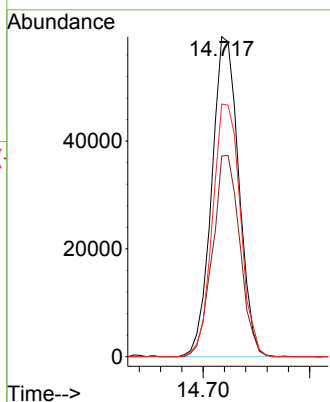
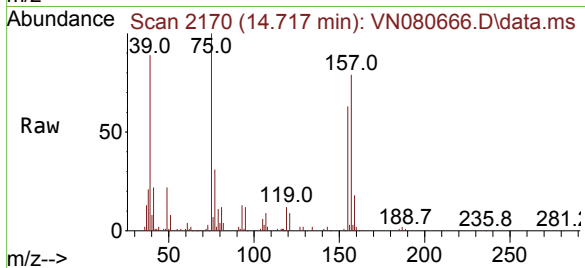




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 146.637 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.001 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

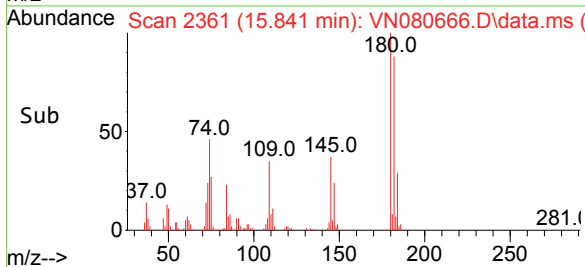
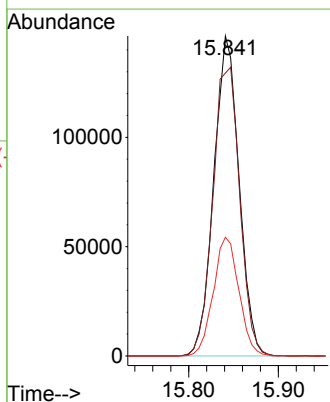
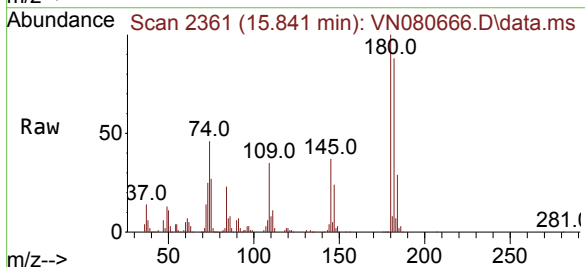
Instrument :
 MSVOA_N
 ClientSampleId :

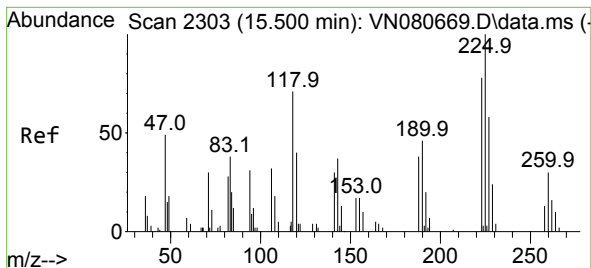
Tgt Ion: 75 Resp: 104647
 Ion Ratio Lower Upper
 75 100
 155 63.2 61.7 92.5
 157 80.9 83.6 125.4#



#89
 1,2,4-Trichlorobenzene
 Concen: 149.841 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

Tgt Ion:180 Resp: 286289
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 37.6 28.4 42.6





#90

Hexachlorobutadiene

Concen: 147.504 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

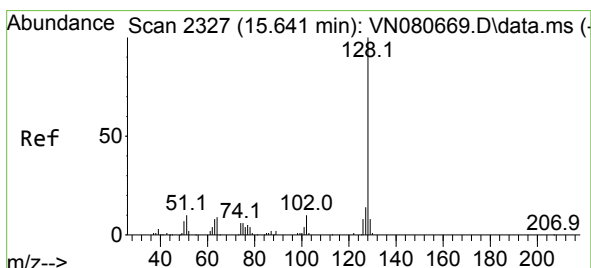
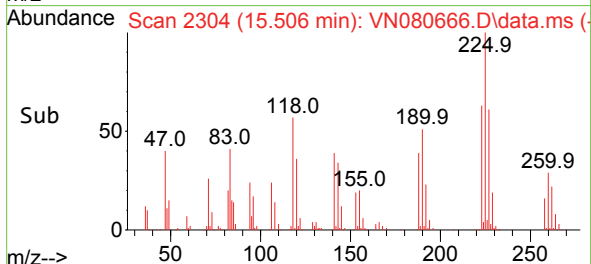
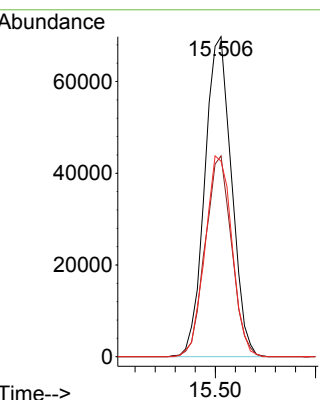
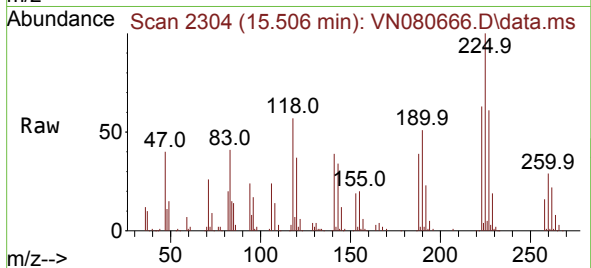
Tgt Ion:225 Resp: 129123

Ion Ratio Lower Upper

225 100

223 62.0 0.0 126.6

227 63.4 0.0 126.6



#91

Naphthalene

Concen: 145.975 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

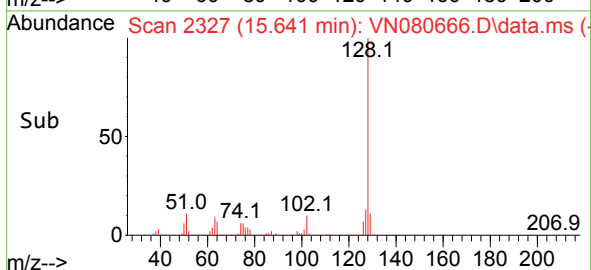
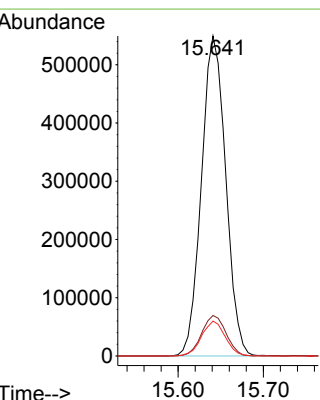
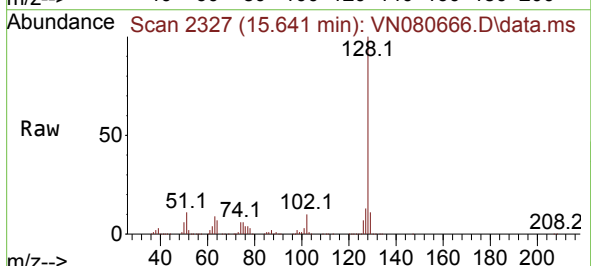
Tgt Ion:128 Resp: 1087286

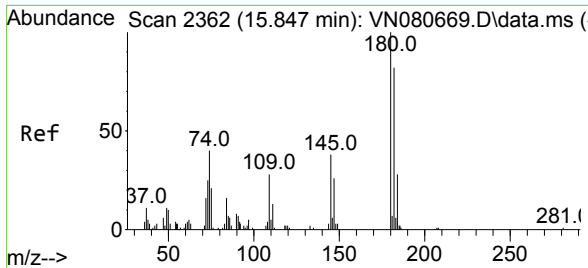
Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

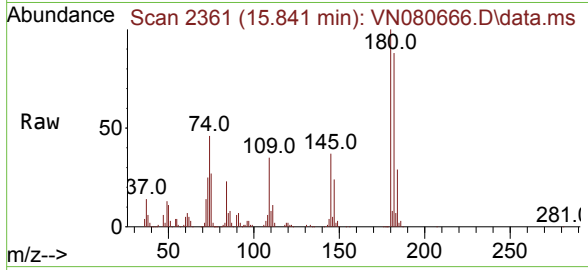
129 10.6 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 149.841 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	286289
Ion	Ratio	Lower Upper
180	100	
182	96.4	0.0 191.0
145	37.6	0.0 71.0

