

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080681.D
 Acq On : 11 Jan 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	6845	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	9.100	114	116506	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	129188	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62580	56.614	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 188.700%#	
60) 4-Bromofluorobenzene	12.847	95	84930	29.718	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.067%	
63) Toluene-d8	10.565	98	171770	30.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	43970	37.795	ug/l	98
3) Chloromethane	2.359	50	61059	38.530	ug/l	95
4) Vinyl Chloride	2.512	62	44070	36.557	ug/l	90
5) Bromomethane	2.959	94	16253	36.718	ug/l	98
6) Chloroethane	3.124	64	24370	37.393	ug/l	97
7) Trichlorofluoromethane	3.501	101	65738	36.502	ug/l	94
8) Diethyl Ether	3.953	74	31051	37.050	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.365	101	20765	20.008	ug/l	# 68
10) 1,1-Dichloroethene	4.342	96	41553	37.274	ug/l	91
11) Methyl Iodide	4.583	142	33266	34.987	ug/l	79
12) Methyl Acetate	5.024	43	51607	39.129	ug/l	# 70
13) Acrolein	4.177	56	36797	209.889	ug/l	96
14) Acrylonitrile	5.712	53	117624	197.912	ug/l	97
15) Acetone	4.424	58	21765	161.438	ug/l	79
16) Carbon Disulfide	4.712	76	124844	36.150	ug/l	# 95
17) Allyl chloride	5.024	41	79981	35.443	ug/l	84
18) Methylene Chloride	5.283	84	49234	38.006	ug/l	# 87
19) trans-1,2-Dichloroethene	5.783	96	45806	39.082	ug/l	97
20) Diisopropyl ether	6.671	45	179950	39.296	ug/l	# 94
21) 1,1-Dichloroethane	6.565	63	94681	38.072	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	54066	39.431	ug/l	87
23) tert-Butyl Alcohol	5.512	59	39181	191.151	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	153424	38.063	ug/l	# 91
25) Chloroform	7.965	83	87561	37.817	ug/l	93
26) Cyclohexane	8.259	56	75964	38.844	ug/l	90
29) 1,1-Dichloropropene	8.377	75	66452	18.764	ug/l	98
30) 2-Butanone	7.483	43	141640	90.381	ug/l	93
31) 2,2-Dichloropropane	7.488	77	79202	18.616	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	73479	18.855	ug/l	# 93
33) Carbon Tetrachloride	8.359	117	58053	18.862	ug/l	93
34) Benzene	8.606	78	202663	19.293	ug/l	97
35) Methacrylonitrile	7.777	41	39926	20.303	ug/l	94
36) 1,2-Dichloroethane	8.671	62	71790	18.586	ug/l	# 94
37) Trichloroethene	9.347	130	45634	19.919	ug/l	98
38) Methylcyclohexane	9.600	83	66923	19.397	ug/l	94
39) 1,2-Dichloropropane	9.618	63	57802	20.415	ug/l	100
40) Dibromomethane	9.706	93	30984	18.392	ug/l	86
41) Bromodichloromethane	9.888	83	67454	18.297	ug/l	# 92
42) Vinyl Acetate	6.600	43	704279	96.691	ug/l	95

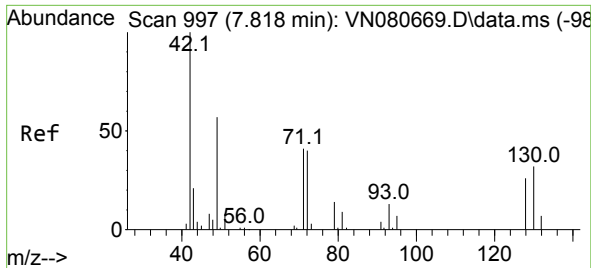
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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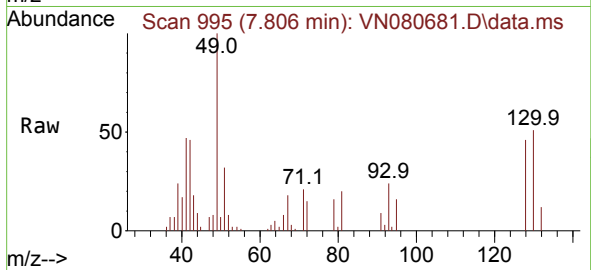
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58139	17.668	ug/l #	88
44) Isopropyl Acetate	8.688	43	118134	18.806	ug/l	93
45) 1,4-Dioxane	9.688	88	13410	375.349	ug/l #	72
46) Methyl methacrylate	9.677	41	58441	19.757	ug/l	81
47) n-amyl Acetate	12.706	43	5727	1.016	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	80523	18.537	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	90392	19.605	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	45900	19.839	ug/l	94
51) Ethyl methacrylate	10.876	69	77855	19.467	ug/l #	70
52) 1,3-Dichloropropane	11.165	76	84240	19.341	ug/l	100
53) Dibromochloromethane	11.359	129	45286	19.561	ug/l	100
54) 1,2-Dibromoethane	11.471	107	44749	19.677	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	215528	104.846	ug/l	95
56) Bromoform	12.576	173	25782	18.852	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	331621	97.581	ug/l #	85
59) 2-Hexanone	11.194	43	237336	93.537	ug/l #	88
61) Tetrachloroethene	11.106	164	33743	19.622	ug/l	93
62) Toluene	10.629	91	209215	20.135	ug/l	98
64) Chlorobenzene	11.894	112	113261	19.570	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	39844	19.161	ug/l	93
66) Ethyl Benzene	11.965	91	219364	20.072	ug/l	99
67) m/p-Xylenes	12.071	106	155747	39.651	ug/l	95
68) o-Xylene	12.400	106	78671	20.082	ug/l	98
69) Styrene	12.412	104	132723	20.167	ug/l	98
70) Isopropylbenzene	12.694	105	188768	19.716	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	59313	18.980	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	82478	27.847	ug/l	63
73) Bromobenzene	12.982	156	38166	18.702	ug/l	71
74) n-propylbenzene	13.035	91	228444	19.784	ug/l	95
75) 2-Chlorotoluene	13.123	91	141691	19.513	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	158362	19.873	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	24450	20.137	ug/l	83
78) 4-Chlorotoluene	13.223	91	139791	19.259	ug/l	97
79) tert-butylbenzene	13.441	119	124995	20.095	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	159083	20.405	ug/l	98
81) sec-Butylbenzene	13.617	105	178091	19.450	ug/l	98
82) p-Isopropyltoluene	13.729	119	143948	20.614	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	70463	19.902	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	68783	19.295	ug/l	95
85) n-Butylbenzene	14.059	91	136015	19.714	ug/l	97
86) Hexachloroethane	14.335	117	23741	18.080	ug/l	75
87) 1,2-Dichlorobenzene	14.106	146	70173	20.205	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11530	17.721	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.835	180	33927	19.476	ug/l	98
90) Hexachlorobutadiene	15.506	225	14359	17.991	ug/l	95
91) Naphthalene	15.641	128	124573	18.344	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	33927	19.476	ug/l	98

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

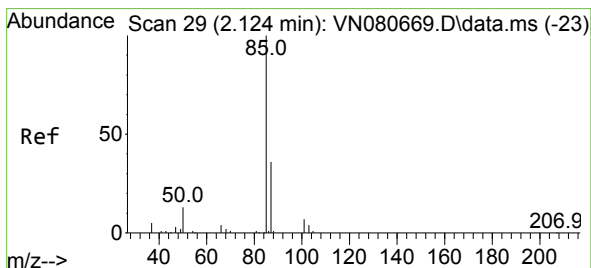
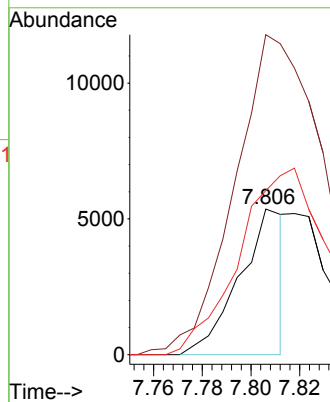
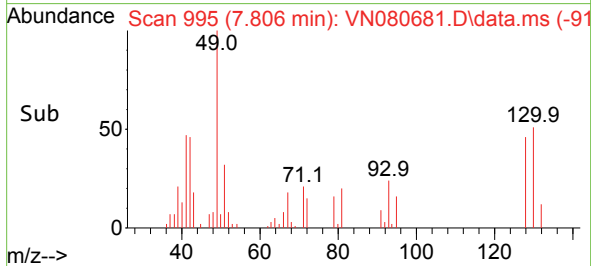


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

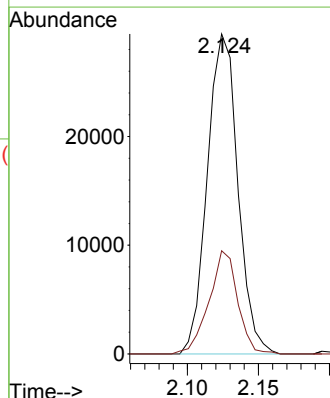
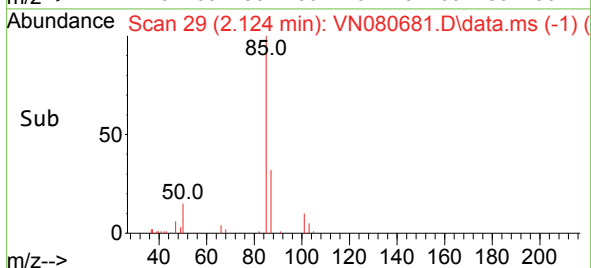
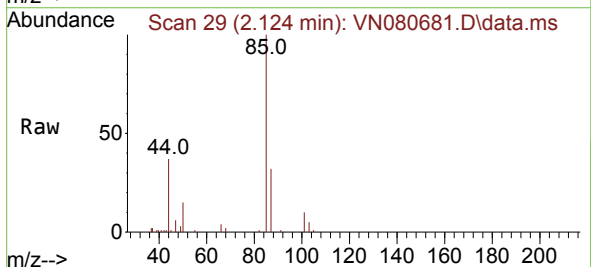


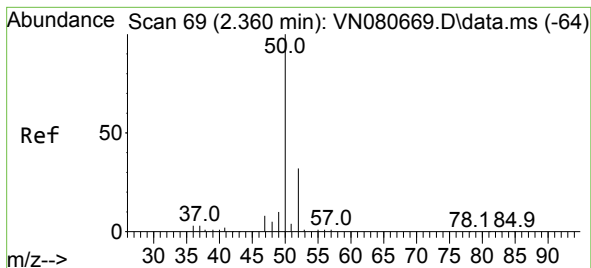
Tgt Ion:128 Resp: 6845
Ion Ratio Lower Upper
128 100
49 440.4 0.0 403.7#
130 256.0 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 37.795 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 85 Resp: 43970
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.3





#3

Chloromethane

Concen: 38.530 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.001 min

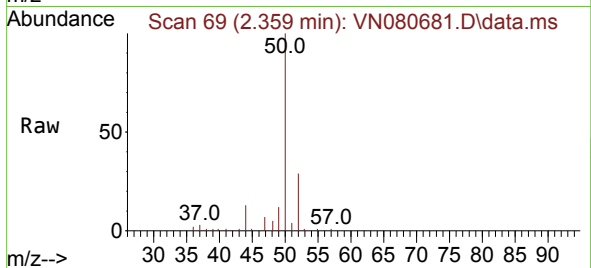
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Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

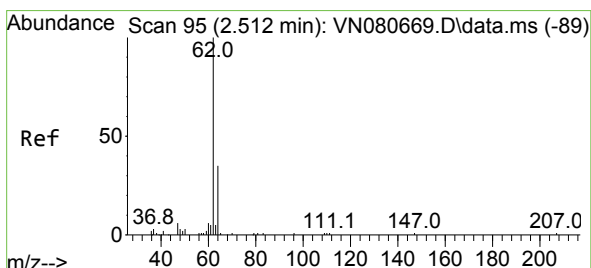
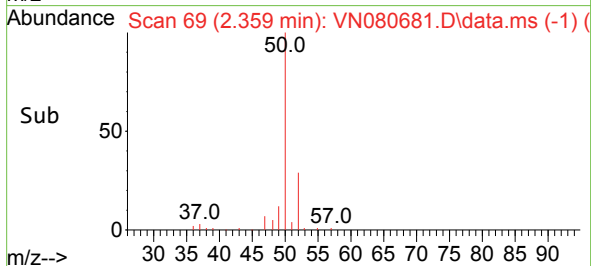
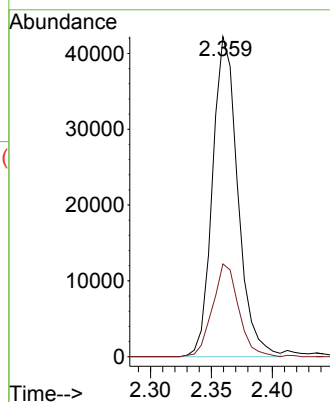


Tgt Ion: 50 Resp: 61059

Ion Ratio Lower Upper

50 100

52 29.0 25.4 38.0



#4

Vinyl Chloride

Concen: 36.557 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080681.D

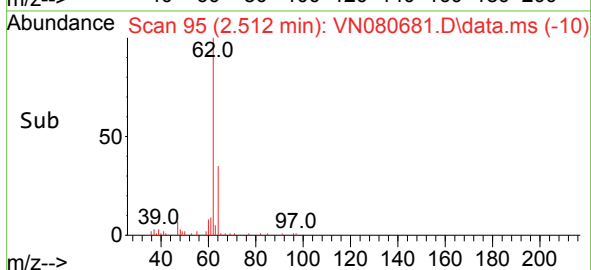
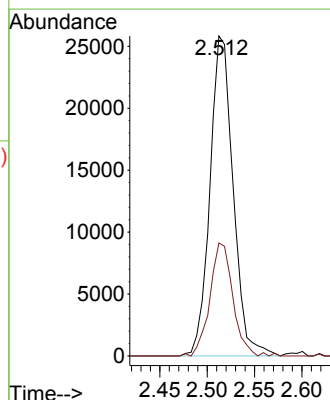
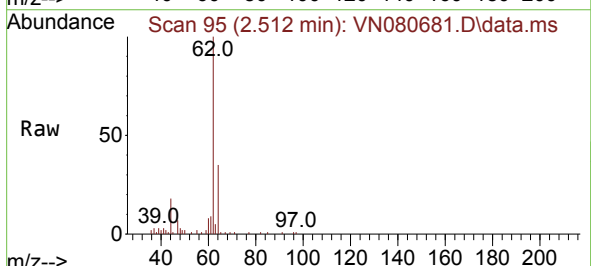
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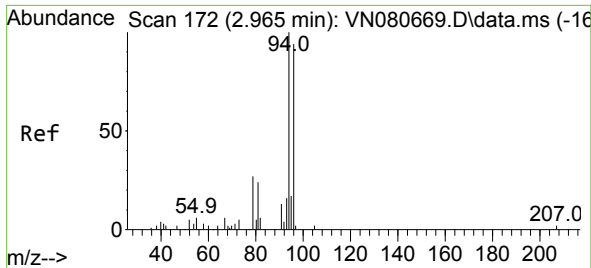
Tgt Ion: 62 Resp: 44070

Ion Ratio Lower Upper

62 100

64 35.3 24.1 36.1

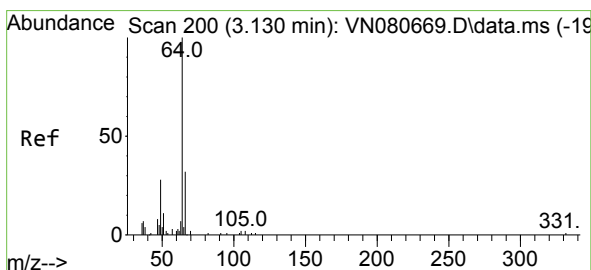
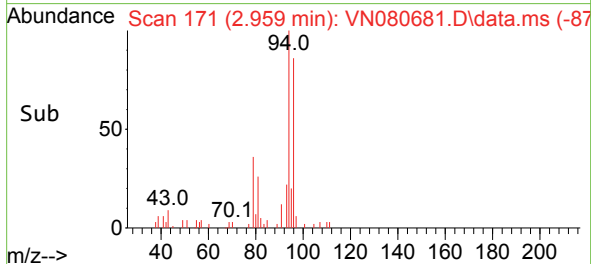
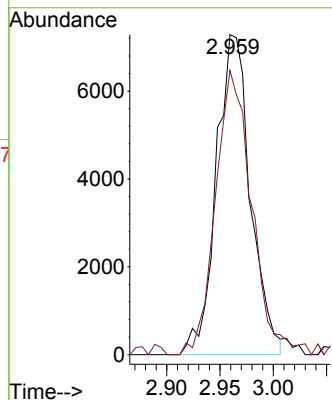
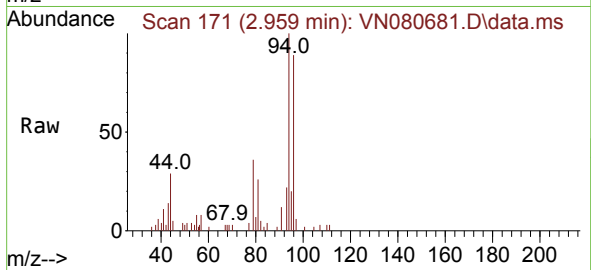




#5
Bromomethane
Concen: 36.718 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

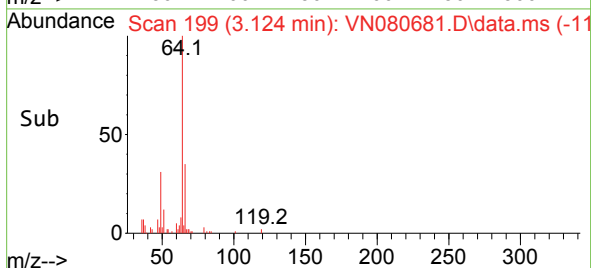
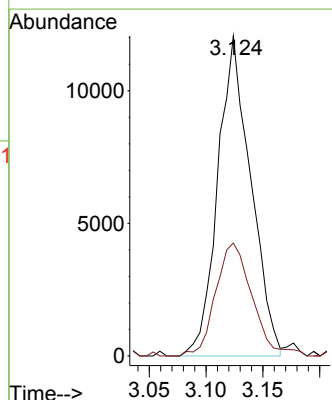
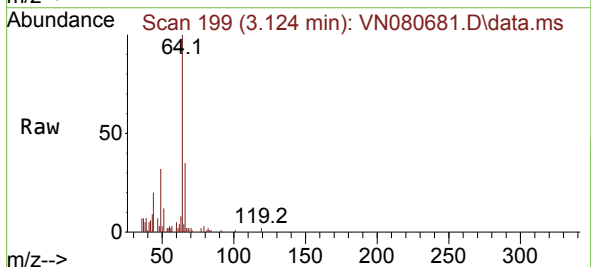
Instrument :
MSVOA_N
ClientSampleId :

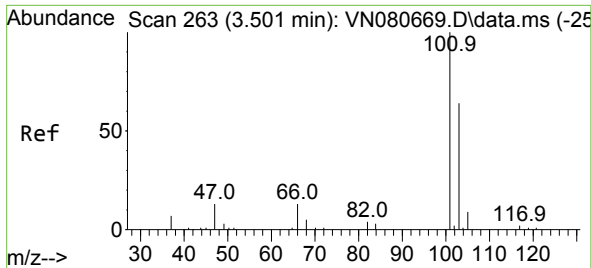
Tgt Ion: 94 Resp: 16253
Ion Ratio Lower Upper
94 100
96 88.8 72.8 109.2



#6
Chloroethane
Concen: 37.393 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

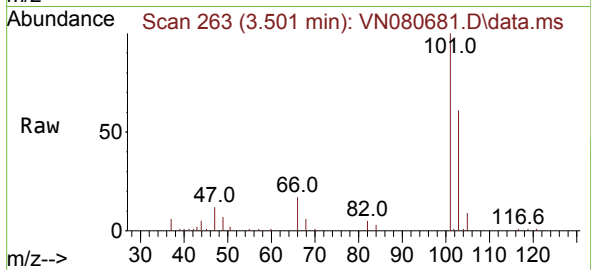
Tgt Ion: 64 Resp: 24370
Ion Ratio Lower Upper
64 100
66 35.3 26.7 40.1



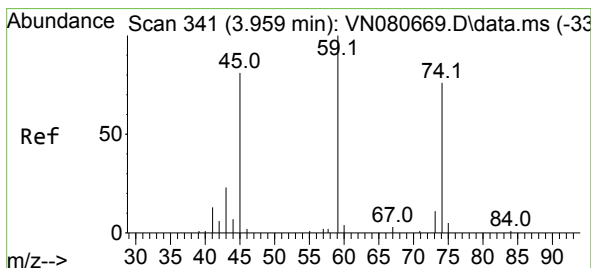
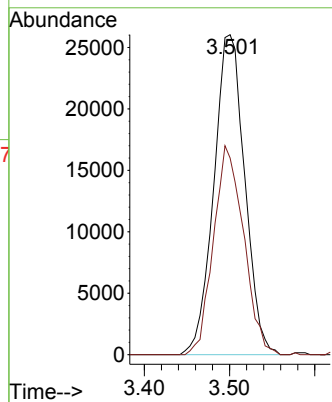
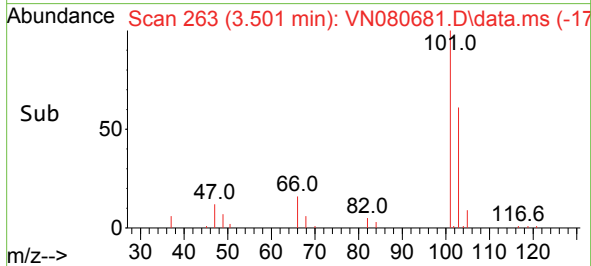


#7
Trichlorofluoromethane
Concen: 36.502 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

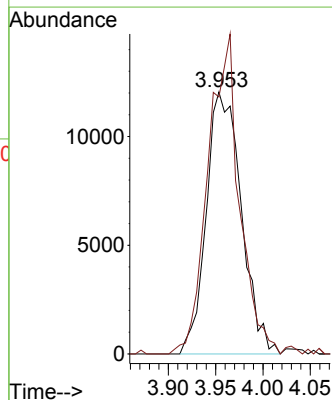
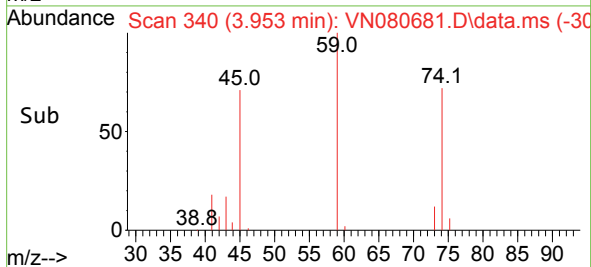
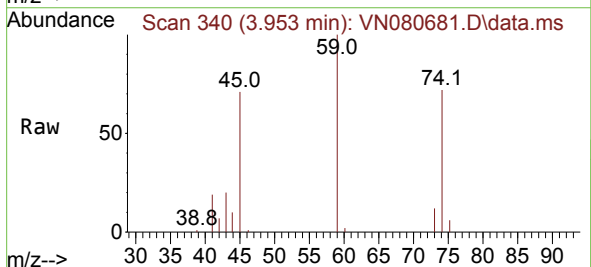


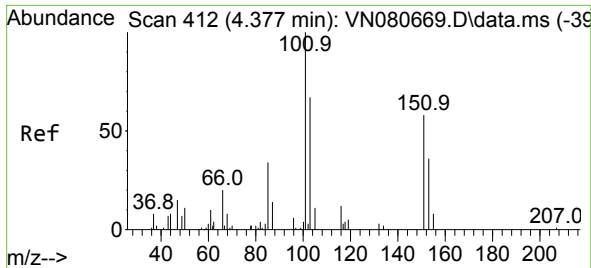
Tgt Ion:101 Resp: 65738
Ion Ratio Lower Upper
101 100
103 61.5 53.0 79.4



#8
Diethyl Ether
Concen: 37.050 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 74 Resp: 31051
Ion Ratio Lower Upper
74 100
45 109.6 16.4 147.4

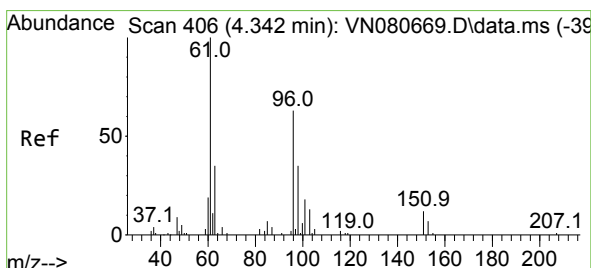
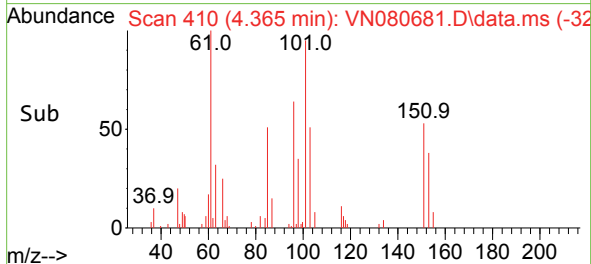
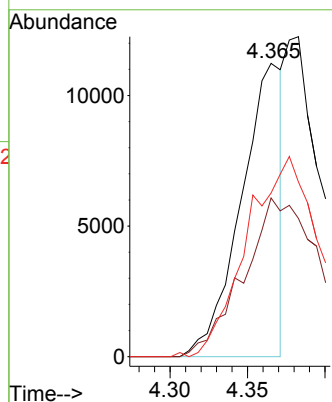
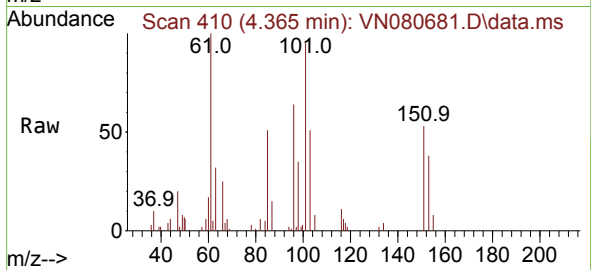




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.008 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

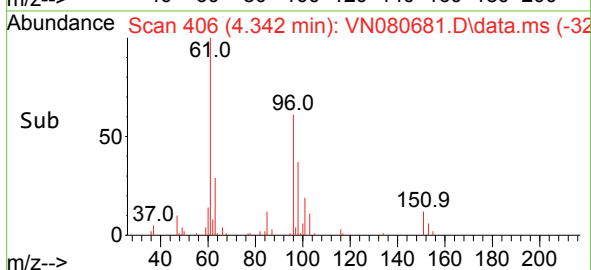
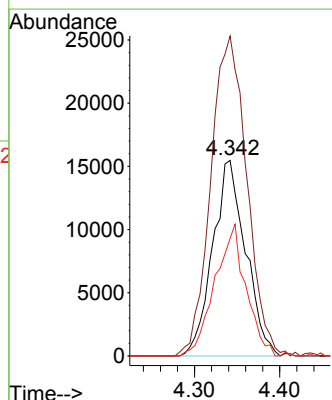
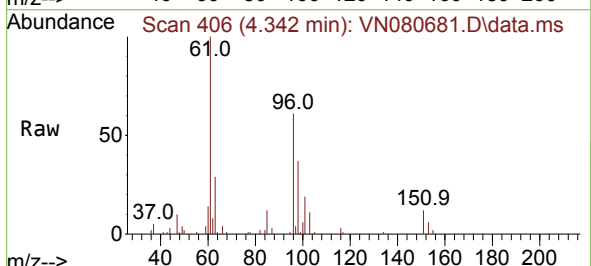
Instrument :
MSVOA_N
ClientSampleId :

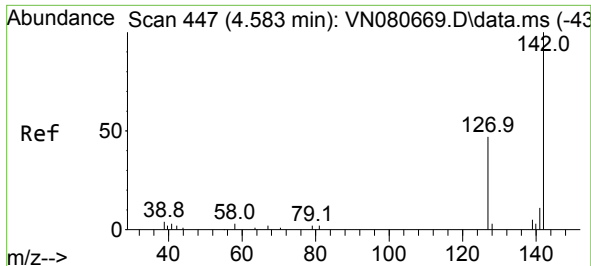
Tgt Ion:101 Resp: 20765
Ion Ratio Lower Upper
101 100
85 98.5 0.0 90.6#
151 81.6 0.0 157.6



#10
1,1-Dichloroethene
Concen: 37.274 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

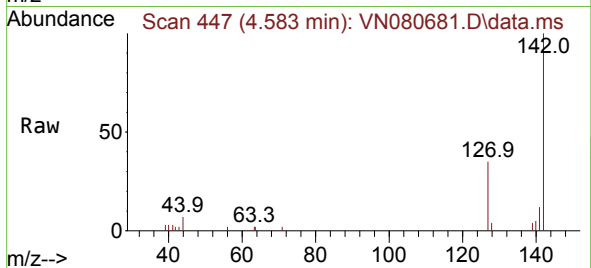
Tgt Ion: 96 Resp: 41553
Ion Ratio Lower Upper
96 100
61 161.8 117.6 176.4
98 60.1 48.4 72.6



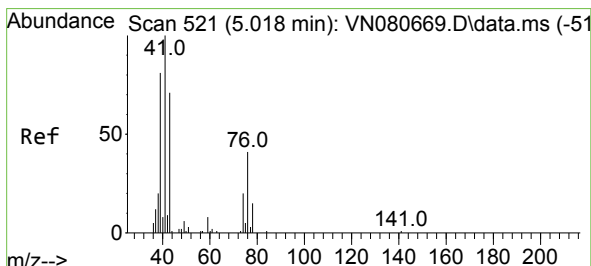
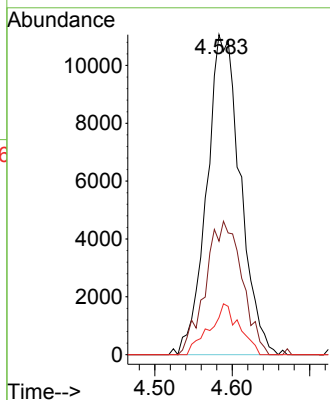
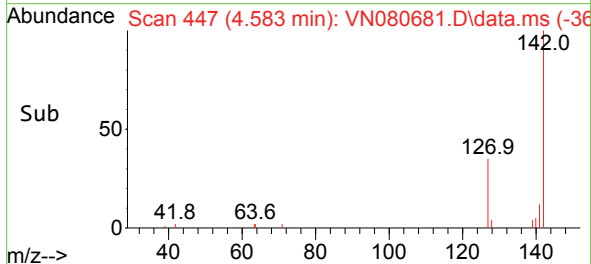


#11
Methyl Iodide
Concen: 34.987 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

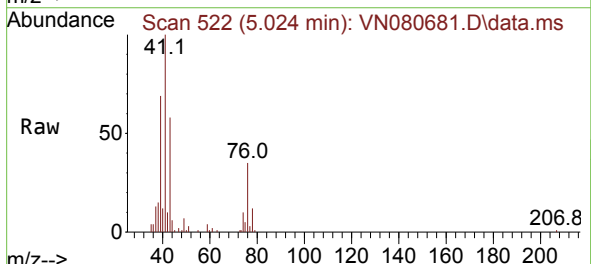
Instrument :
MSVOA_N
ClientSampleId :



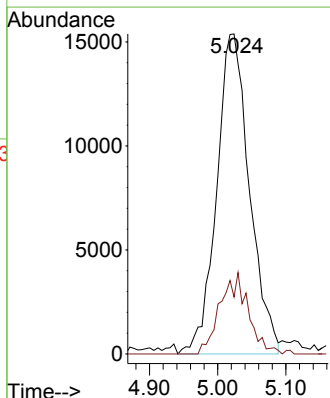
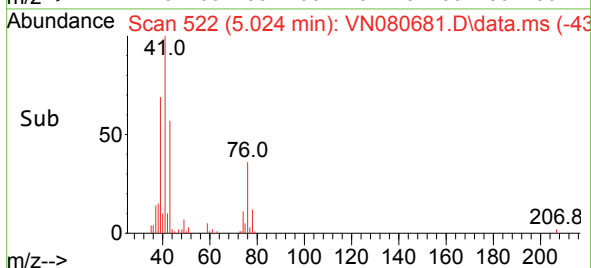
Tgt Ion:142 Resp: 33266
Ion Ratio Lower Upper
142 100
127 35.5 26.3 78.9
141 11.6 8.3 24.9

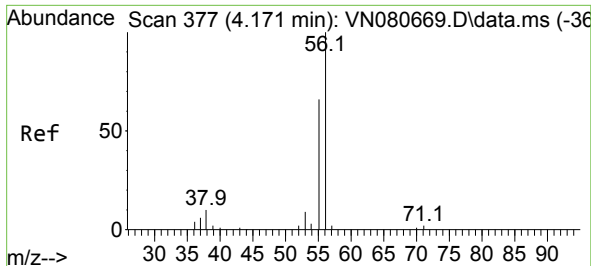


#12
Methyl Acetate
Concen: 39.129 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion: 43 Resp: 51607
Ion Ratio Lower Upper
43 100
74 17.5 27.7 41.5#





#13

Acrolein

Concen: 209.889 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

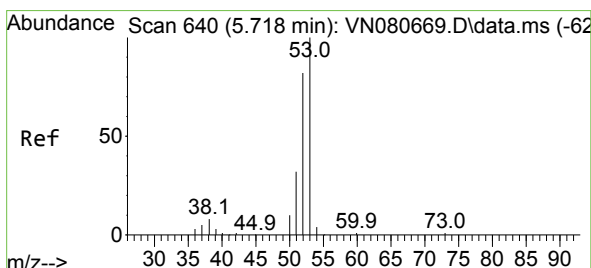
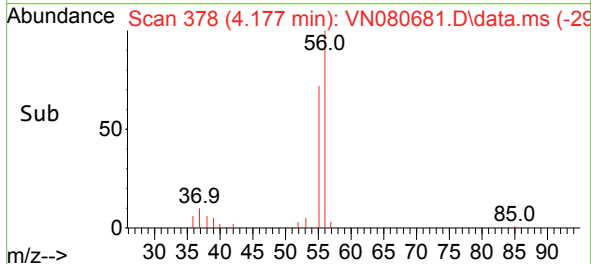
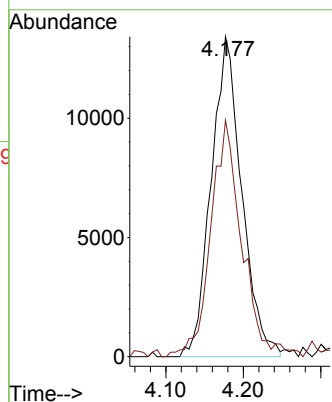
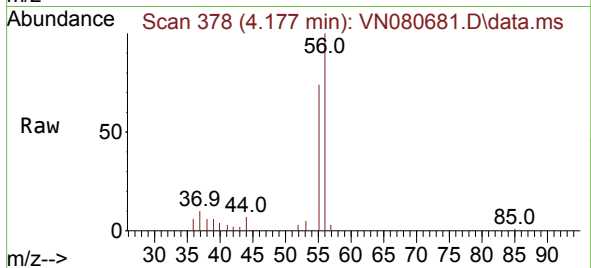
ClientSampleId :

Tgt Ion: 56 Resp: 36797

Ion Ratio Lower Upper

56 100

55 72.9 55.5 83.3



#14

Acrylonitrile

Concen: 197.912 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

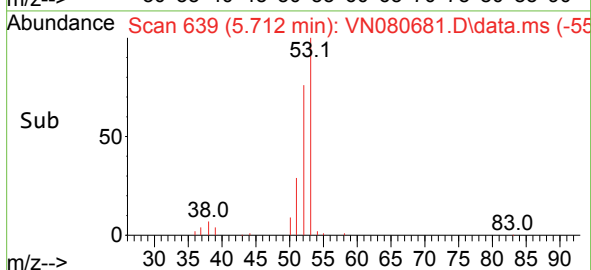
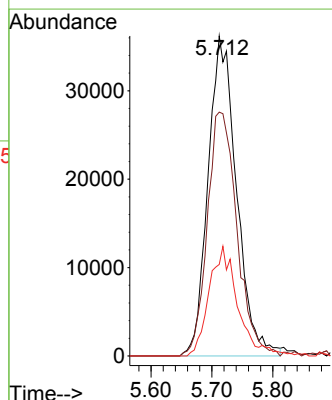
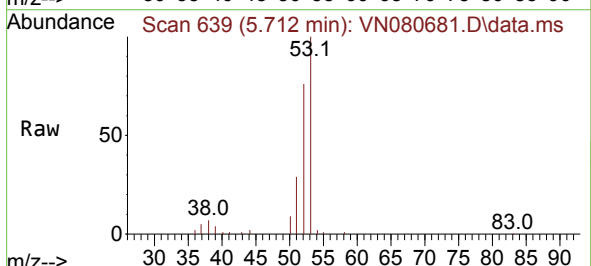
Tgt Ion: 53 Resp: 117624

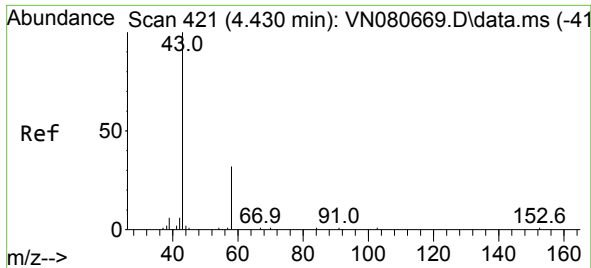
Ion Ratio Lower Upper

53 100

52 78.8 41.3 123.9

51 32.7 16.8 50.3

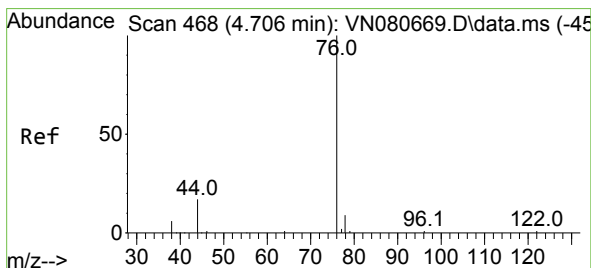
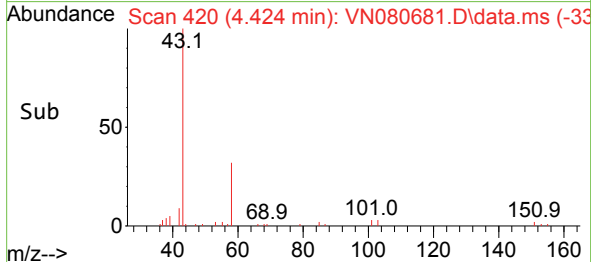
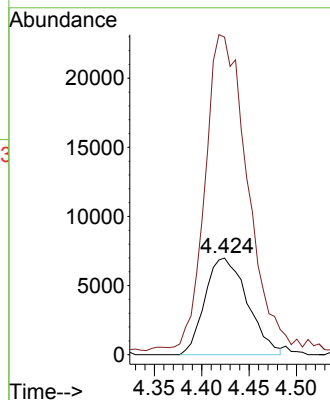
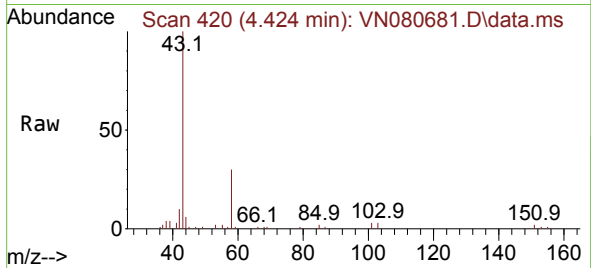




#15
Acetone
Concen: 161.438 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

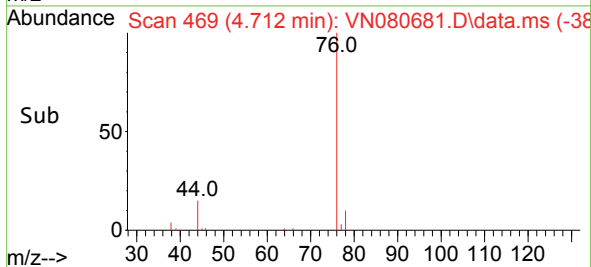
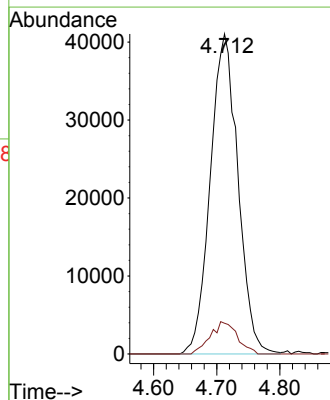
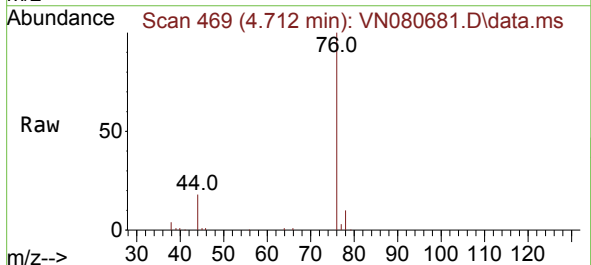
Instrument :
MSVOA_N
ClientSampleId :

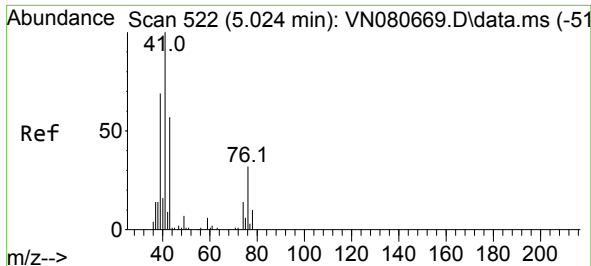
Tgt Ion: 58 Resp: 21765
Ion Ratio Lower Upper
58 100
43 317.4 223.1 334.7



#16
Carbon Disulfide
Concen: 36.150 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

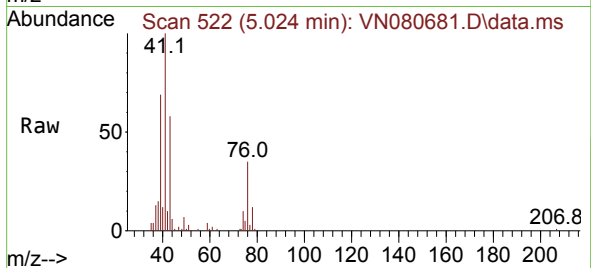
Tgt Ion: 76 Resp: 124844
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5#



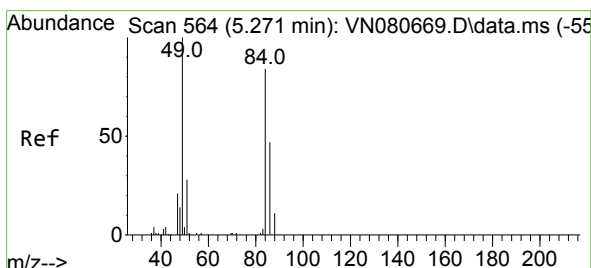
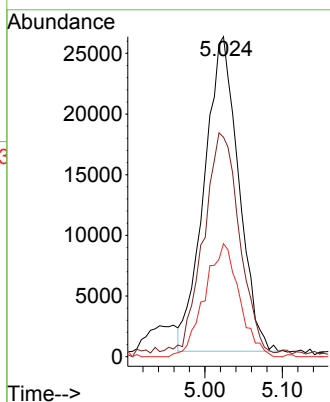
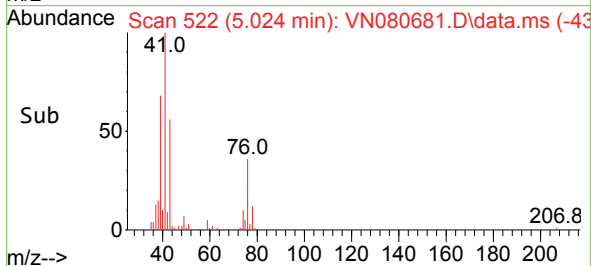


#17
 Allyl chloride
 Concen: 35.443 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

Instrument :
 MSVOA_N
 ClientSampleId :

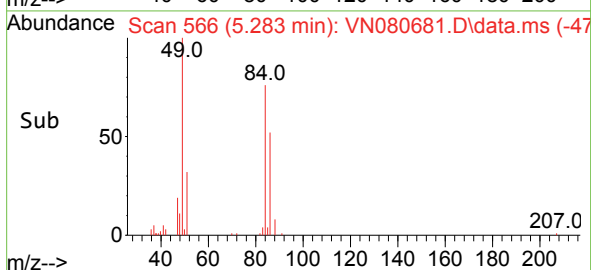
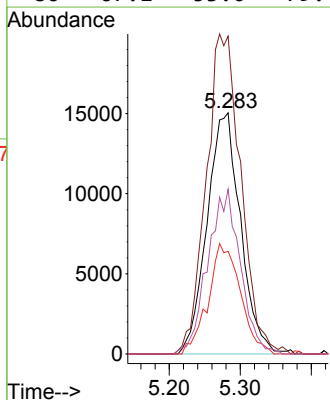
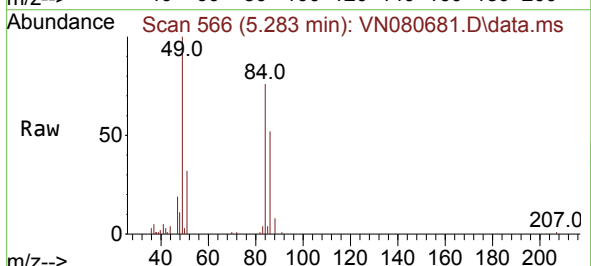


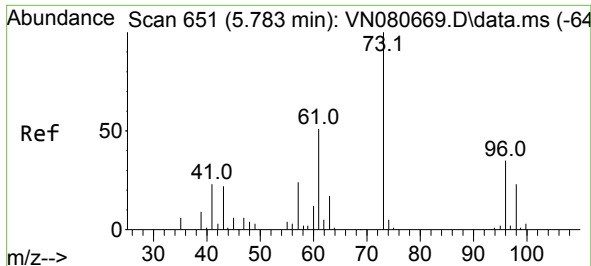
Tgt Ion:	41	Resp:	79981
Ion	Ratio	Lower	Upper
41	100		
39	68.3	37.6	112.9
76	35.9	27.8	83.4



#18
 Methylene Chloride
 Concen: 38.006 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

Tgt Ion:	84	Resp:	49234
Ion	Ratio	Lower	Upper
84	100		
49	130.3	86.0	129.0#
51	42.6	30.0	45.0
86	67.1	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 39.082 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

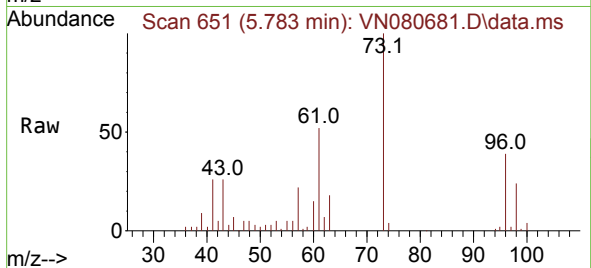
Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :



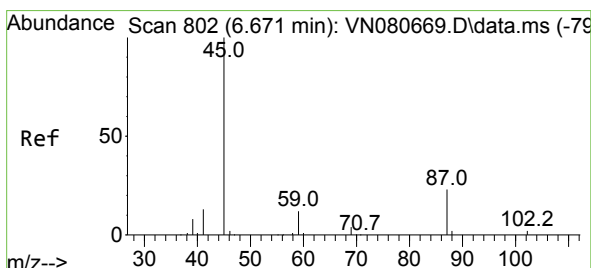
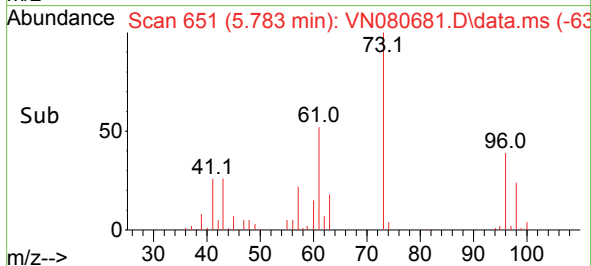
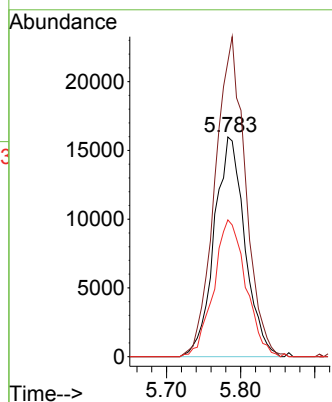
Tgt Ion: 96 Resp: 45806

Ion Ratio Lower Upper

96 100

61 134.3 111.8 167.6

98 62.3 49.2 73.8



#20

Diisopropyl ether

Concen: 39.296 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Tgt Ion: 45 Resp: 179950

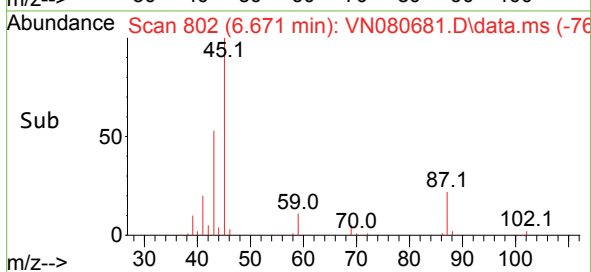
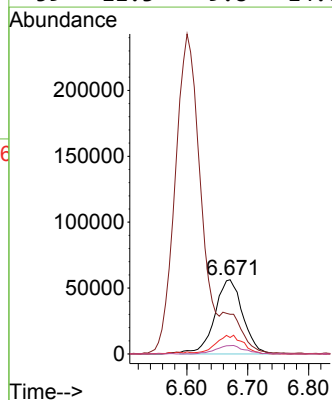
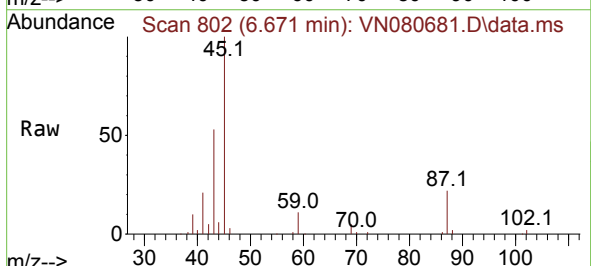
Ion Ratio Lower Upper

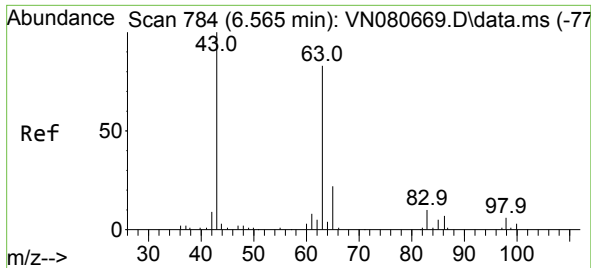
45 100

43 52.3 40.4 60.6

87 22.3 23.8 35.8#

59 11.3 9.8 14.6

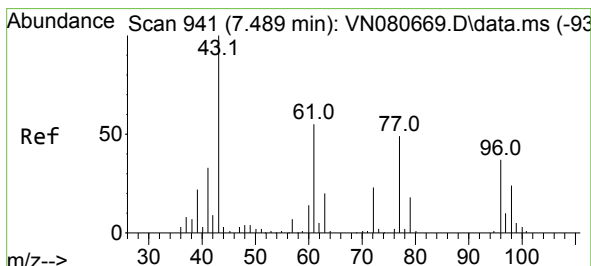
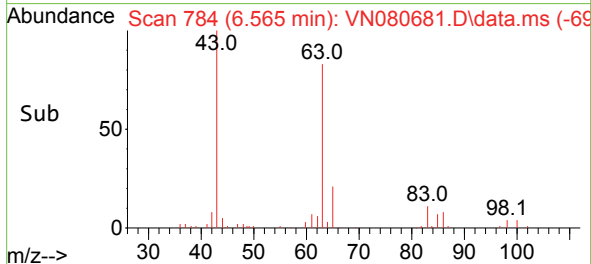
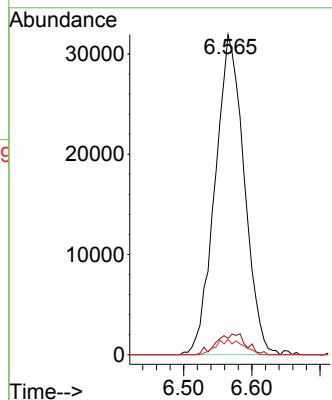
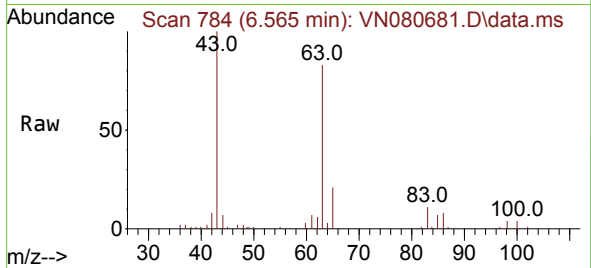




#21
1,1-Dichloroethane
Concen: 38.072 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

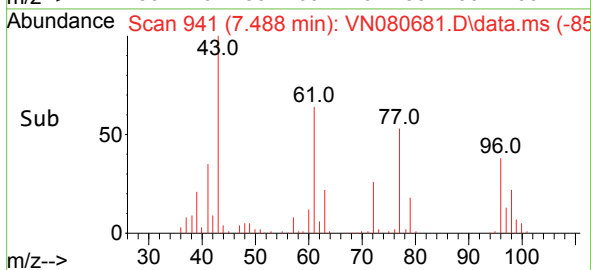
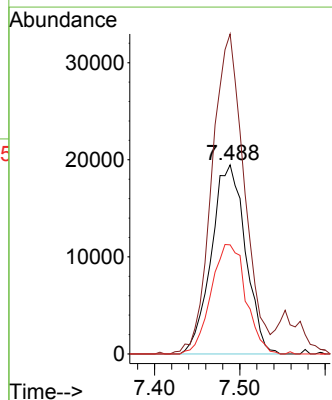
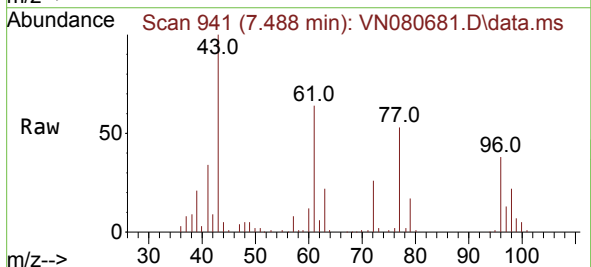
Instrument :
MSVOA_N
ClientSampleId :

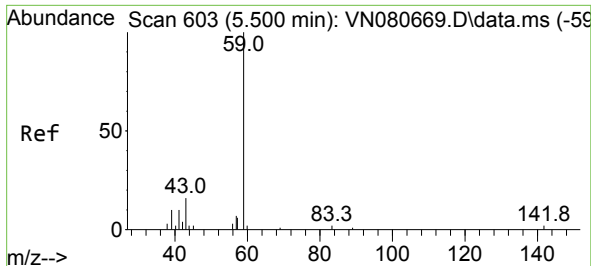
Tgt Ion: 63 Resp: 94681
Ion Ratio Lower Upper
63 100
98 5.1 4.1 12.3
100 4.8 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 39.431 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

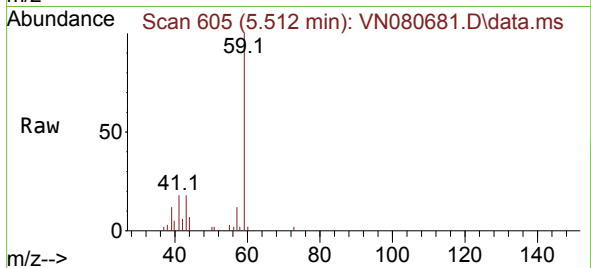
Tgt Ion: 96 Resp: 54066
Ion Ratio Lower Upper
96 100
61 160.6 113.5 170.3
98 59.0 52.0 78.0



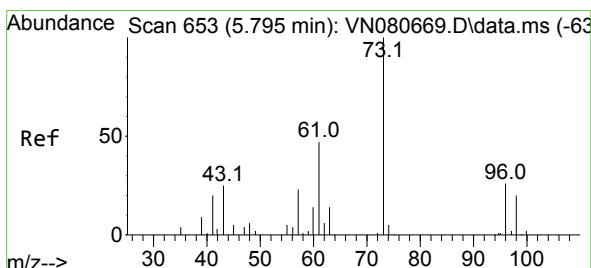
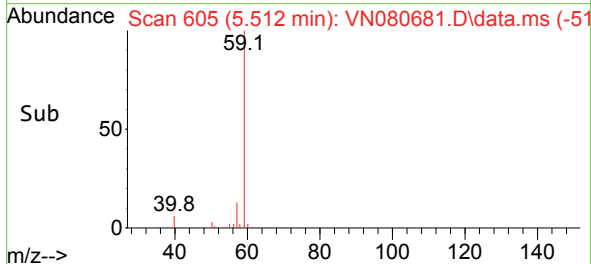
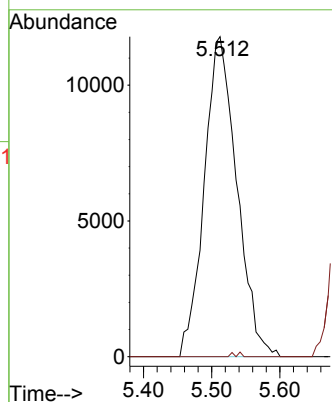


#23
tert-Butyl Alcohol
Concen: 191.151 ug/l
RT: 5.512 min Scan# 603
Delta R.T. 0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

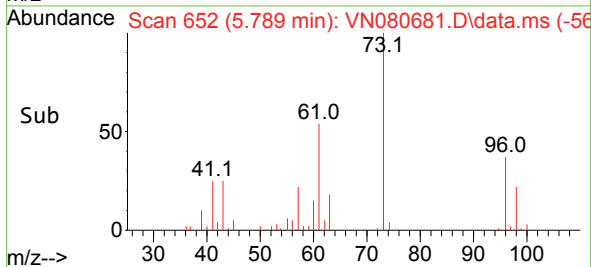
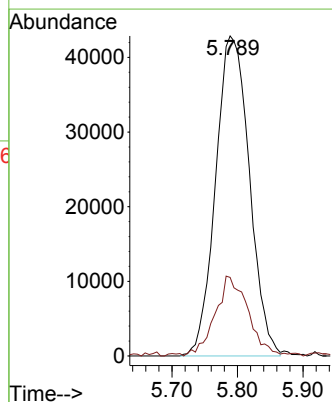
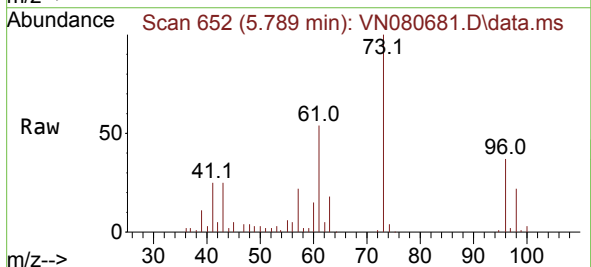


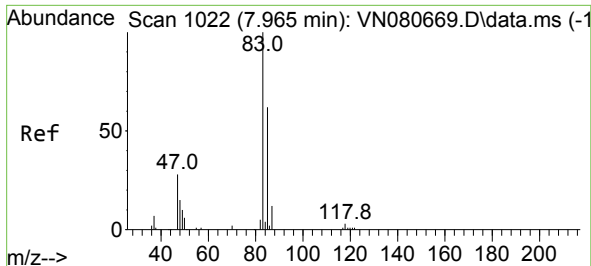
Tgt Ion: 59 Resp: 39181
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 38.063 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 73 Resp: 153424
Ion Ratio Lower Upper
73 100
43 20.7 13.4 20.2#

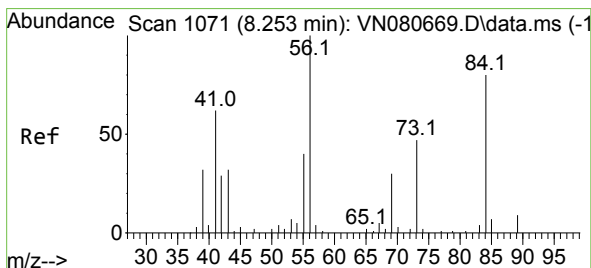
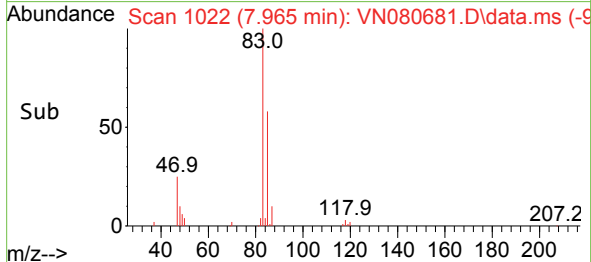
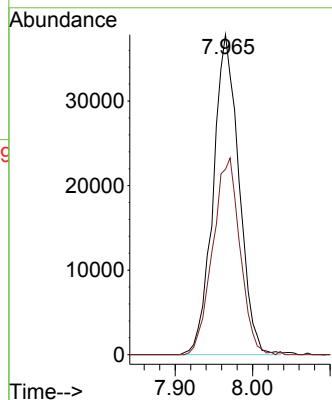
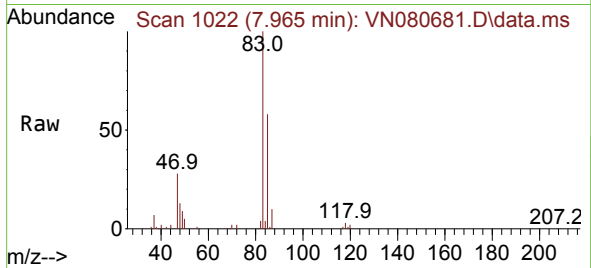




#25
Chloroform
Concen: 37.817 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

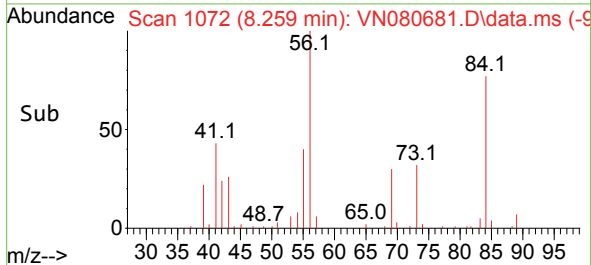
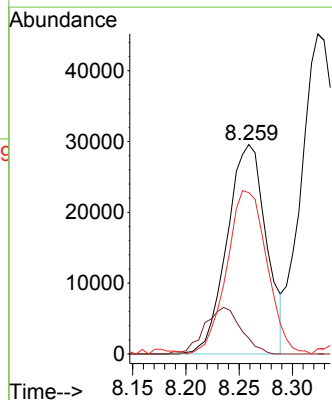
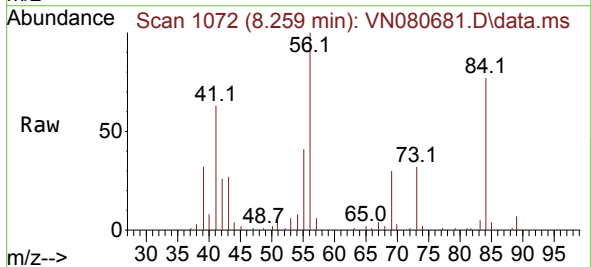
Instrument :
MSVOA_N
ClientSampleId :

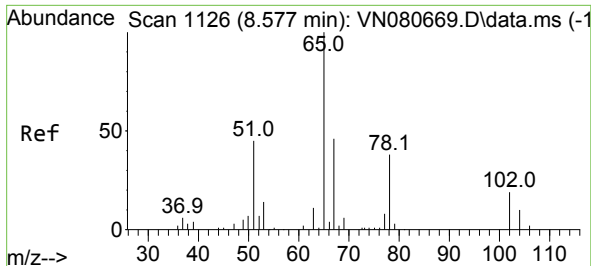
Tgt Ion: 83 Resp: 87561
Ion Ratio Lower Upper
83 100
85 58.0 50.9 76.3



#26
Cyclohexane
Concen: 38.844 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 56 Resp: 75964
Ion Ratio Lower Upper
56 100
89 20.5 19.3 28.9
84 79.5 71.3 106.9

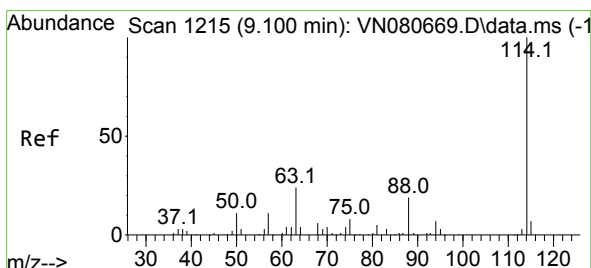
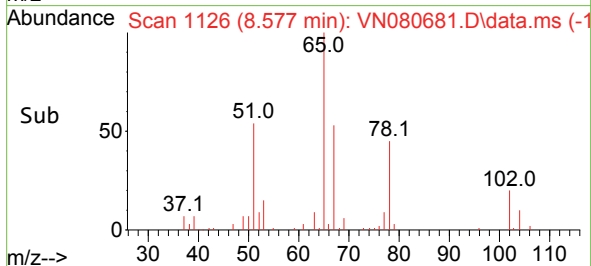
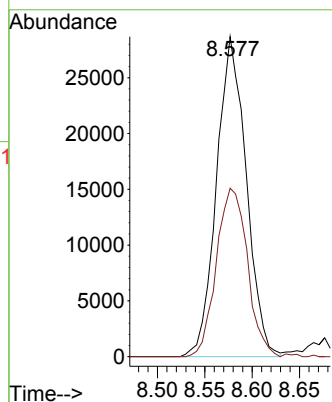
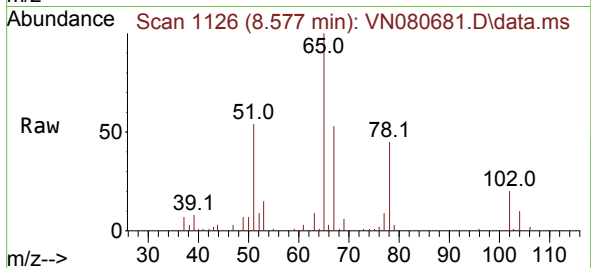




#27
1,2-Dichloroethane-d4
Concen: 56.614 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

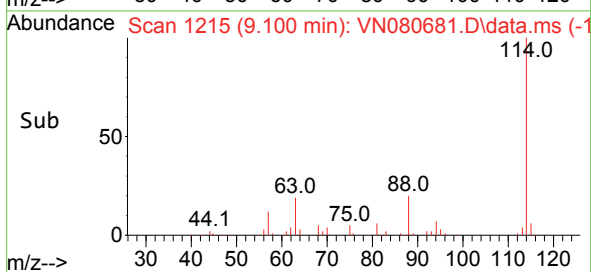
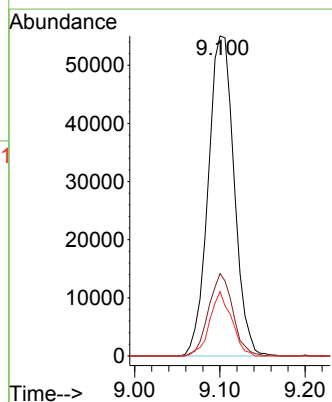
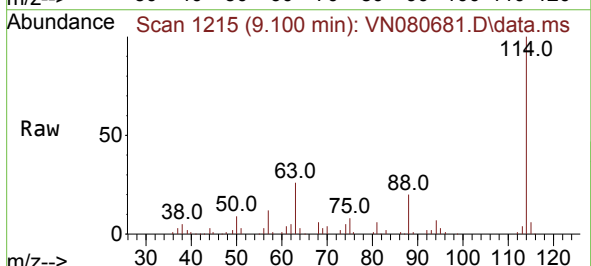
Instrument :
MSVOA_N
ClientSampleId :

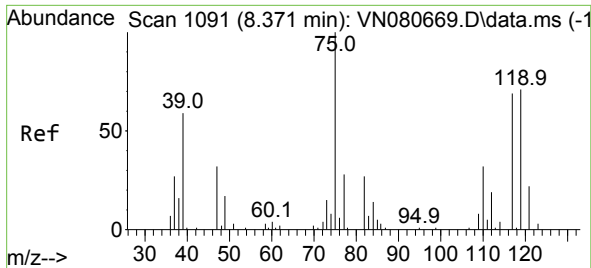
Tgt Ion: 65 Resp: 62580
Ion Ratio Lower Upper
65 100
67 54.9 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:114 Resp: 116506
Ion Ratio Lower Upper
114 100
63 24.0 15.9 23.9#
88 17.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.764 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

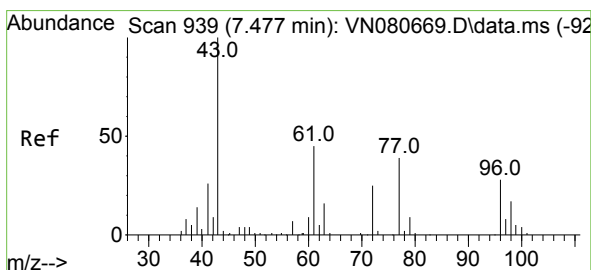
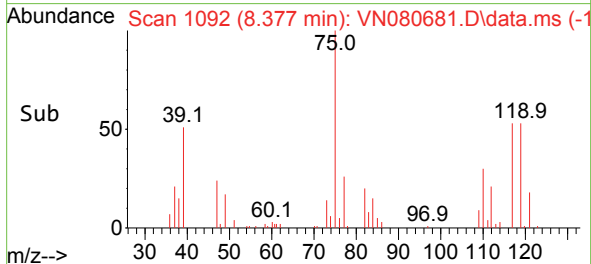
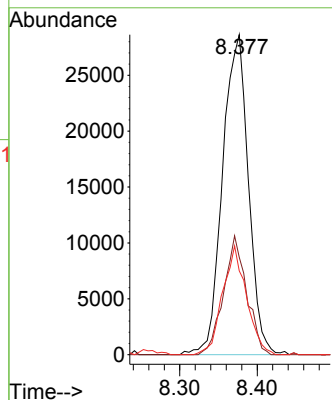
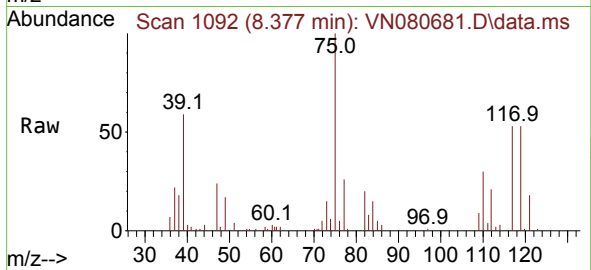
Tgt Ion: 75 Resp: 66452

Ion Ratio Lower Upper

75 100

110 33.2 0.0 70.2

77 31.4 0.0 61.4



#30

2-Butanone

Concen: 90.381 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

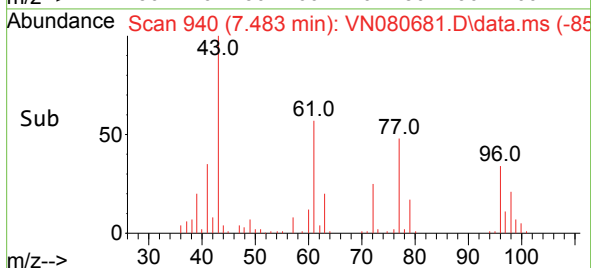
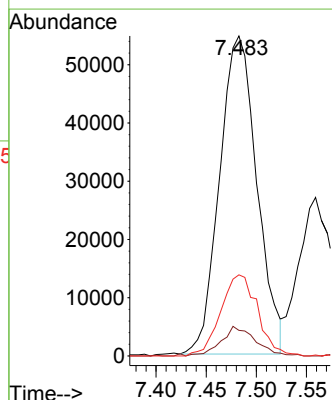
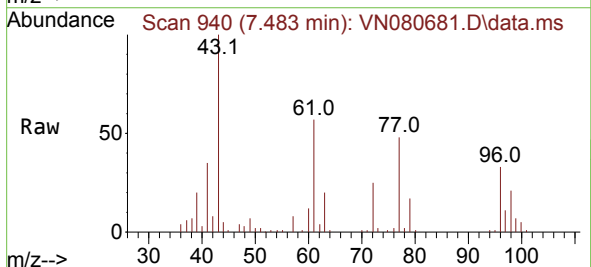
Tgt Ion: 43 Resp: 141640

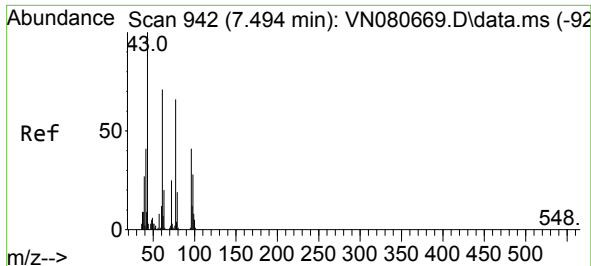
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 25.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 18.616 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

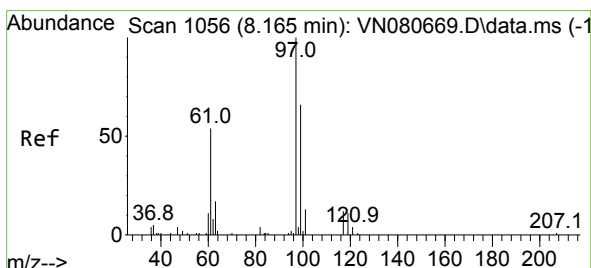
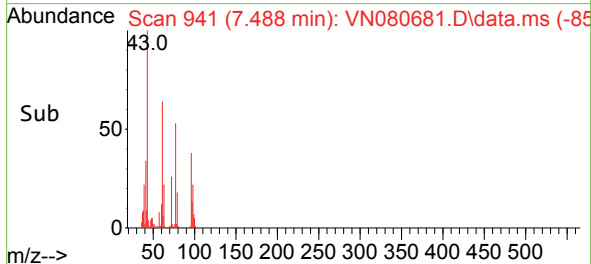
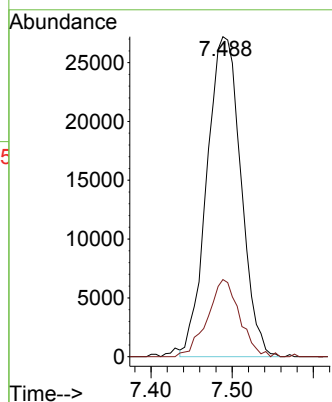
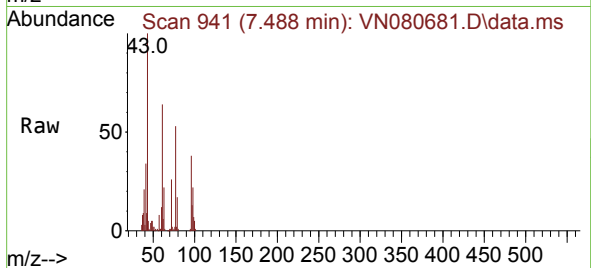
ClientSampleId :

Tgt Ion: 77 Resp: 79202

Ion Ratio Lower Upper

77 100

97 22.4 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.855 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

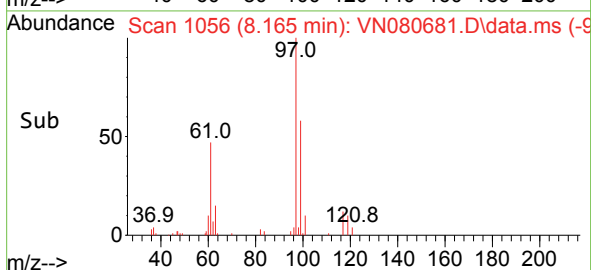
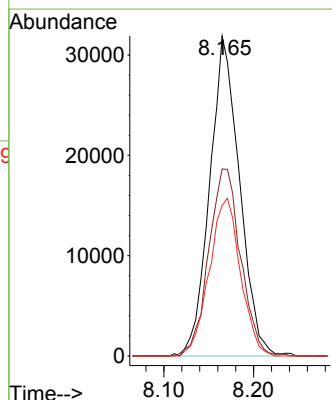
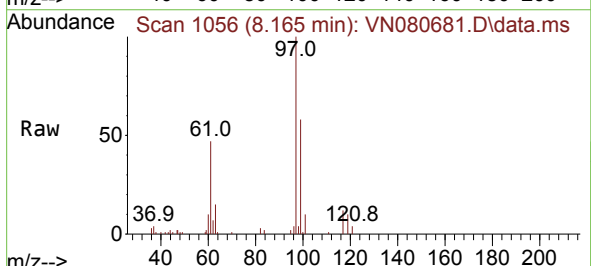
Tgt Ion: 97 Resp: 73479

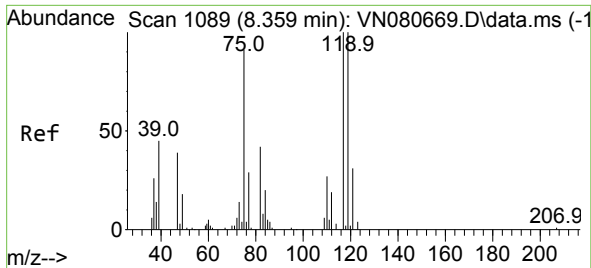
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.4

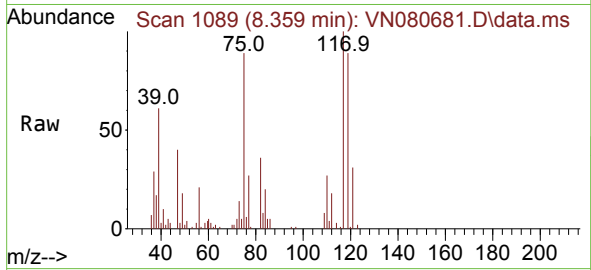
61 51.5 33.8 50.8#



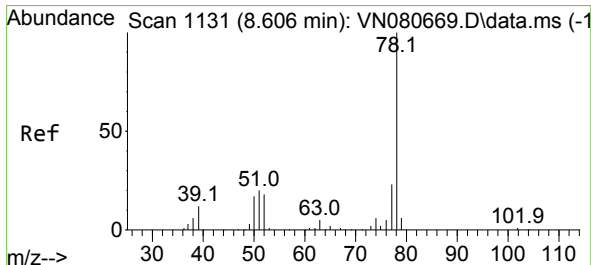
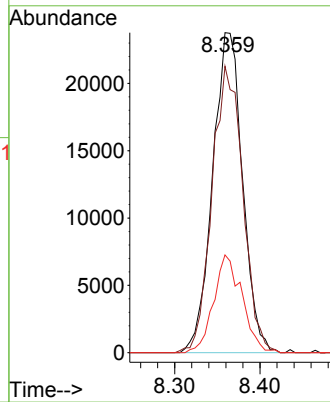
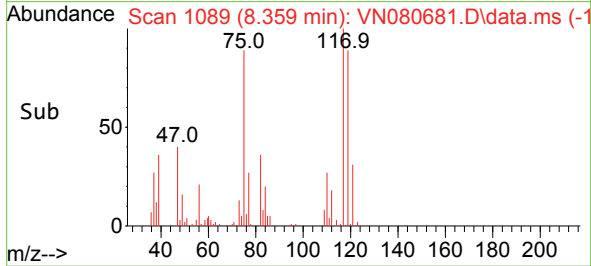


#33
Carbon Tetrachloride
Concen: 18.862 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

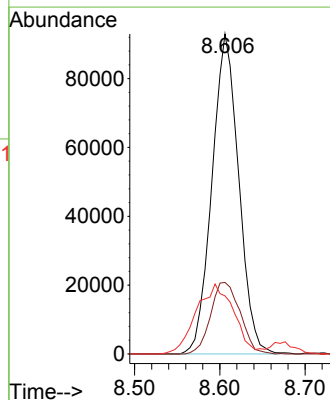
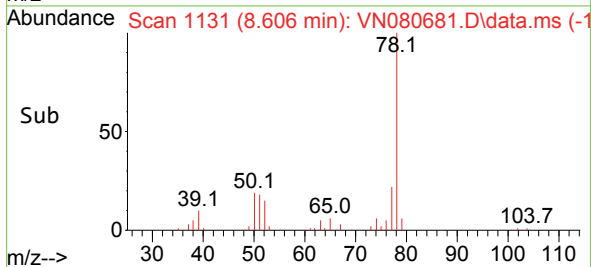
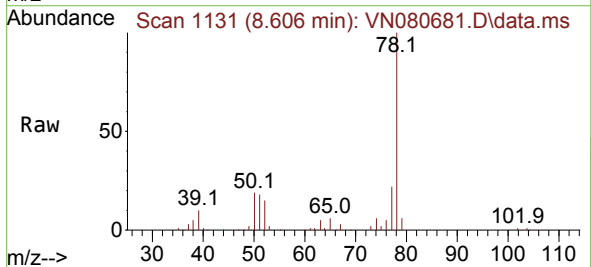


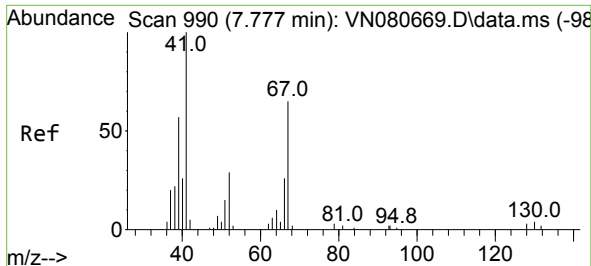
Tgt Ion:117 Resp: 58053
Ion Ratio Lower Upper
117 100
119 89.5 77.7 116.5
121 30.6 27.0 40.6



#34
Benzene
Concen: 19.293 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 78 Resp: 202663
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8
51 15.3 13.3 19.9

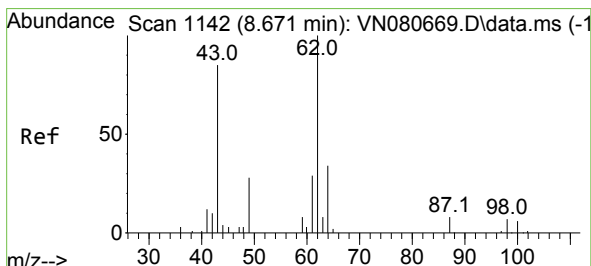
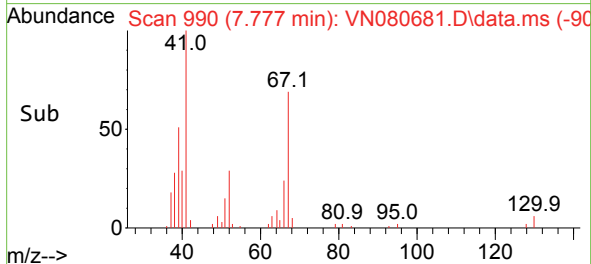
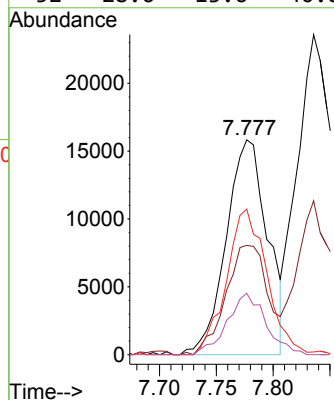
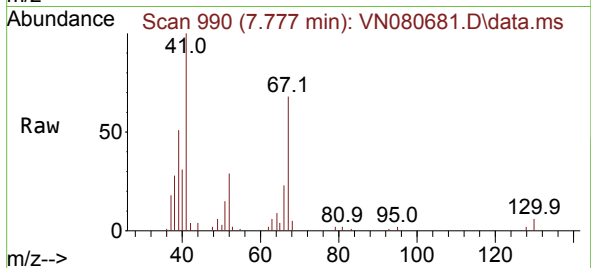




#35
Methacrylonitrile
Concen: 20.303 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

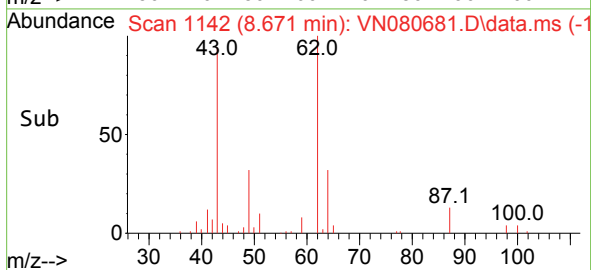
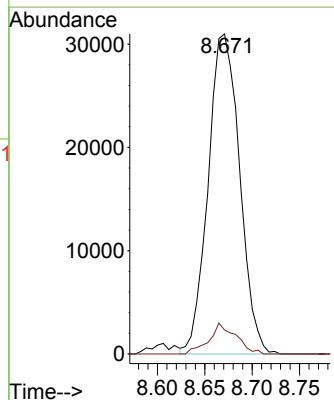
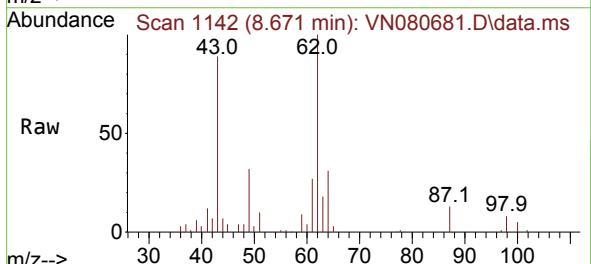
Instrument :
MSVOA_N
ClientSampleId :

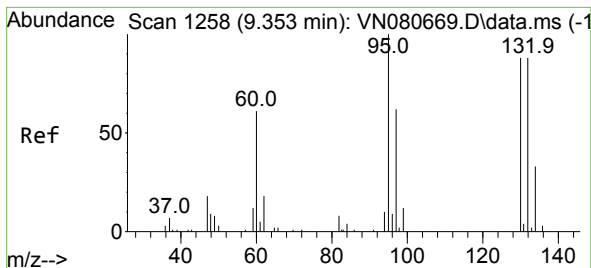
Tgt Ion: 41	Resp: 39926
Ion Ratio	Lower Upper
41 100	
39 50.8	25.3 75.9
67 67.7	38.7 116.1
52 28.6	13.6 40.8



#36
1,2-Dichloroethane
Concen: 18.586 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 62	Resp: 71790
Ion Ratio	Lower Upper
62 100	
98 8.2	8.2 12.4#





#37

Trichloroethene

Concen: 19.919 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

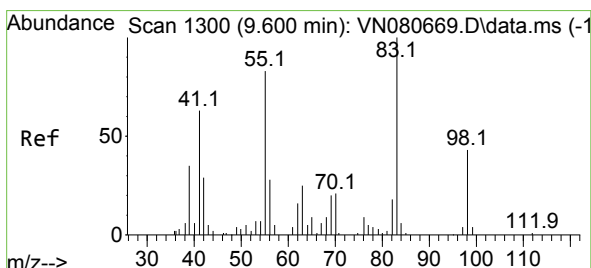
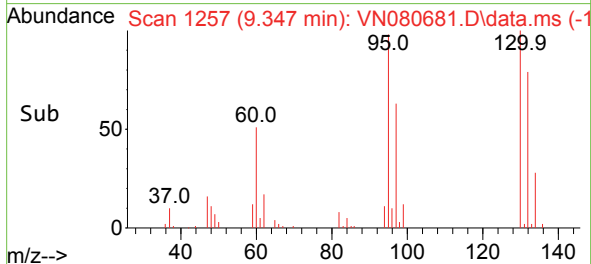
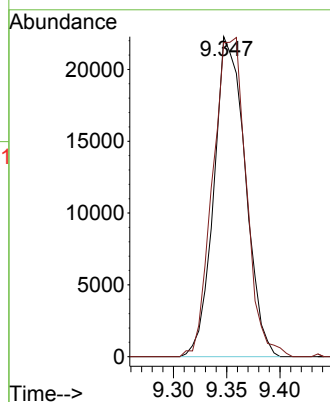
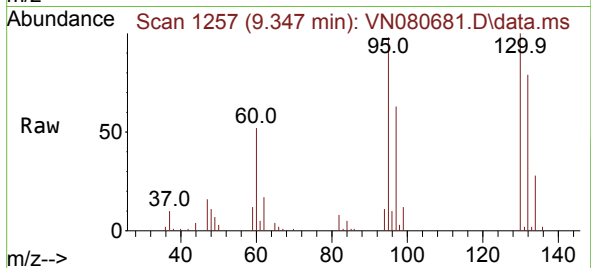
ClientSampleId :

Tgt Ion:130 Resp: 45634

Ion Ratio Lower Upper

130 100

95 98.1 80.2 120.4



#38

Methylcyclohexane

Concen: 19.397 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

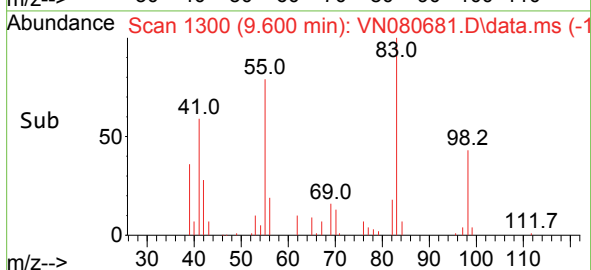
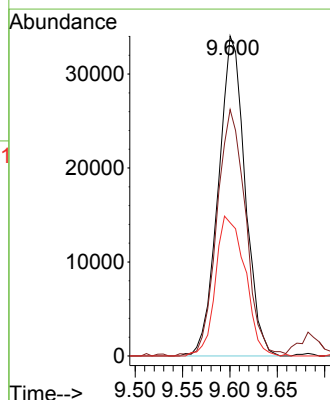
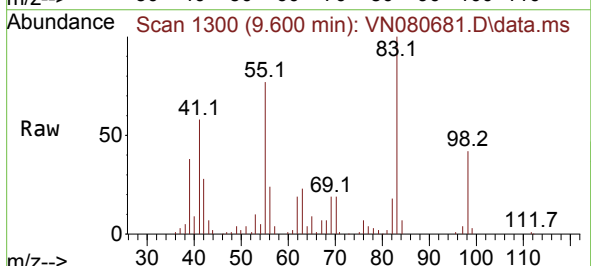
Tgt Ion: 83 Resp: 66923

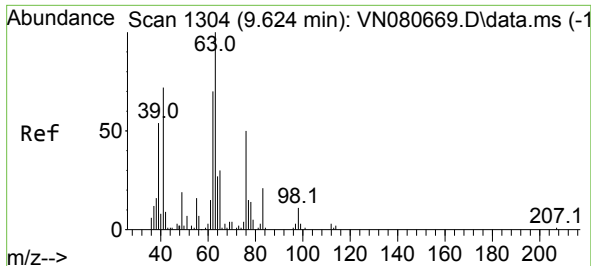
Ion Ratio Lower Upper

83 100

55 81.1 36.6 109.9

98 48.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.415 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

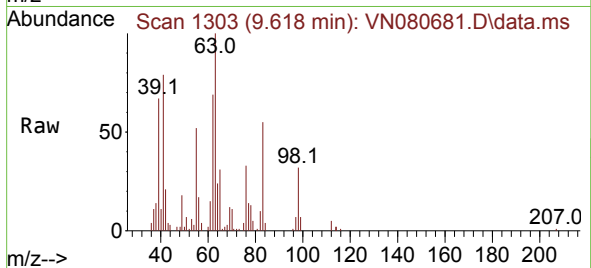
Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

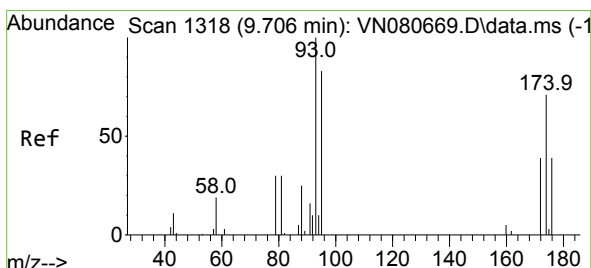
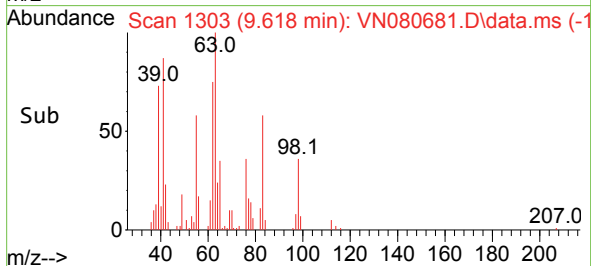
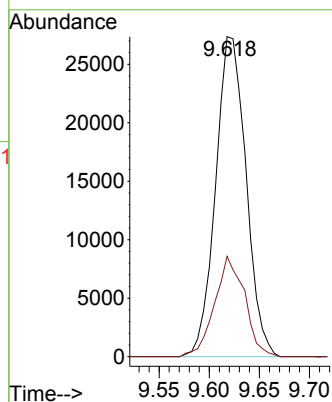


Tgt Ion: 63 Resp: 57802

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#40

Dibromomethane

Concen: 18.392 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

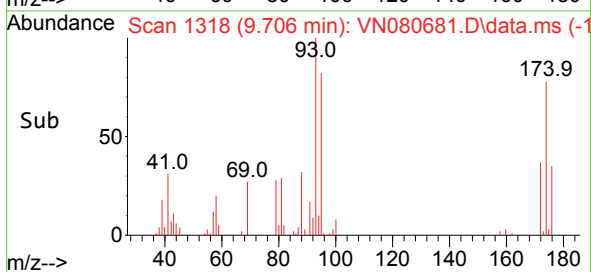
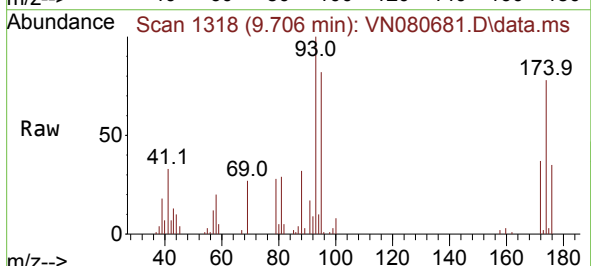
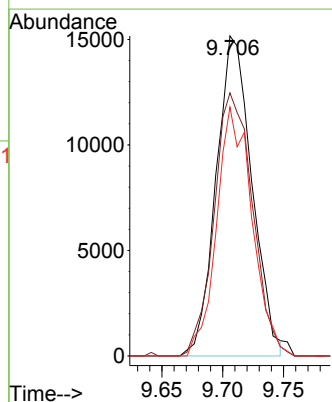
Tgt Ion: 93 Resp: 30984

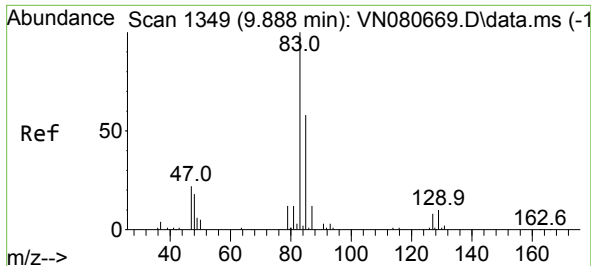
Ion Ratio Lower Upper

93 100

95 88.2 0.0 164.6

174 76.9 0.0 193.2

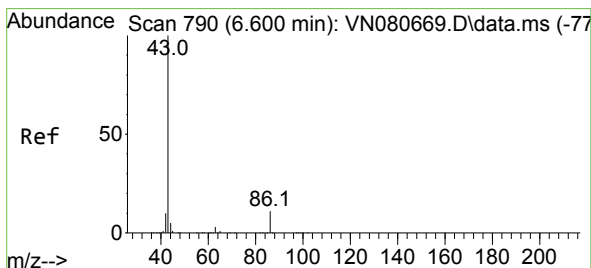
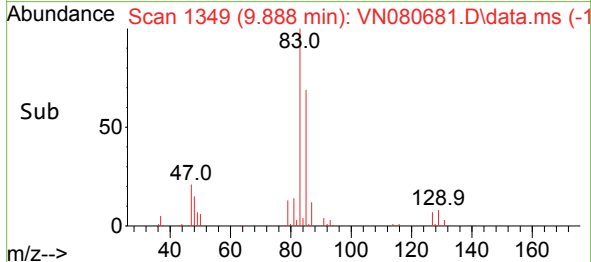
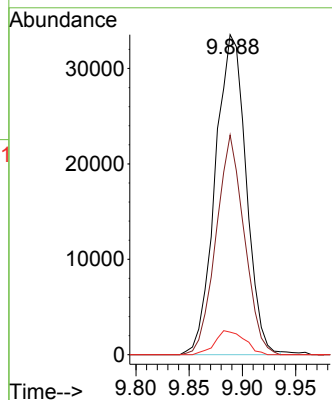
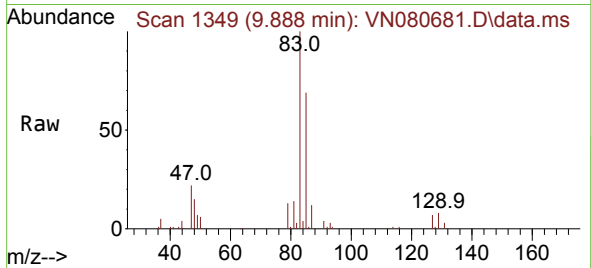




#41
Bromodichloromethane
Concen: 18.297 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

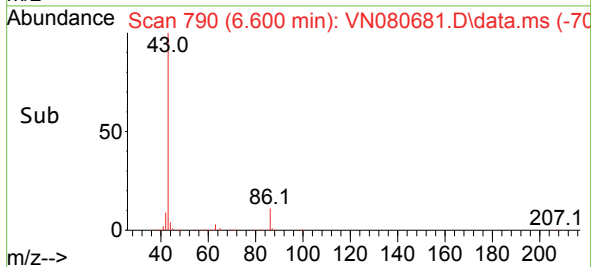
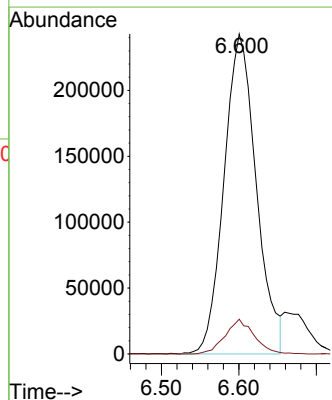
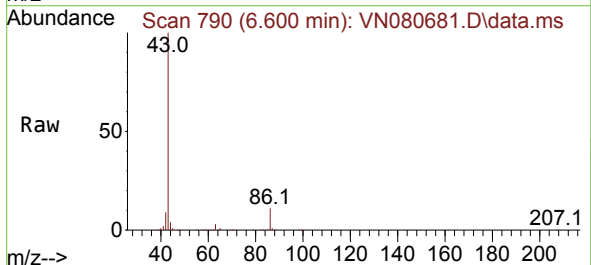
Instrument :
MSVOA_N
ClientSampleId :

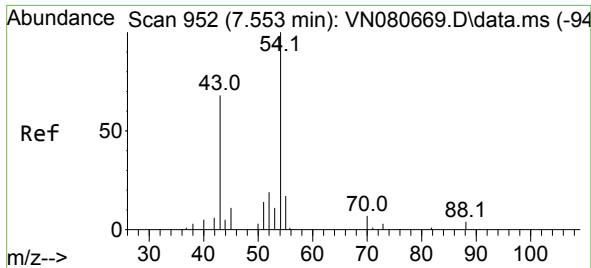
Tgt Ion: 83 Resp: 67454
Ion Ratio Lower Upper
83 100
85 68.6 49.4 74.2
127 7.1 7.3 10.9#



#42
Vinyl Acetate
Concen: 96.691 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 43 Resp: 704279
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.2

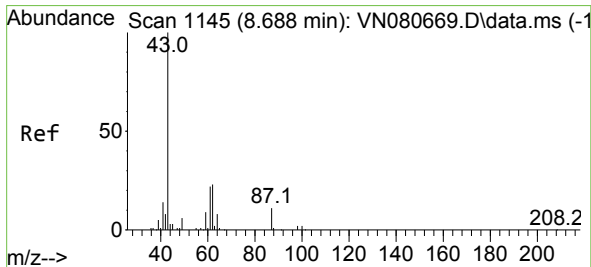
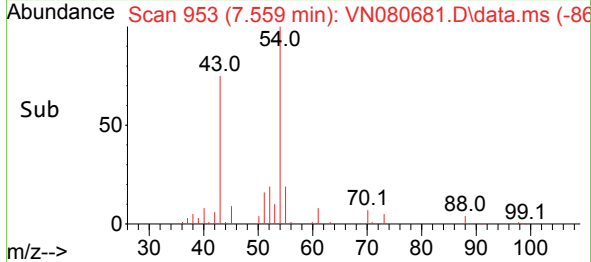
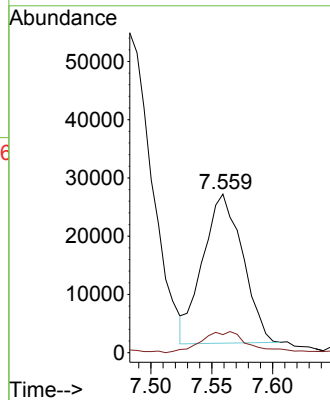
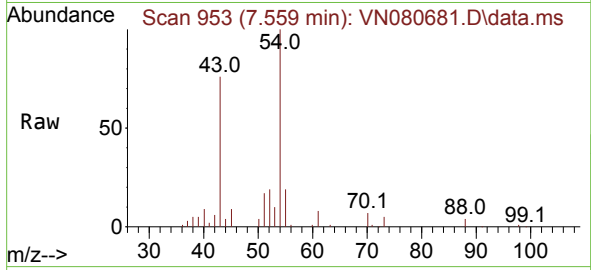




#43
Ethyl Acetate
Concen: 17.668 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

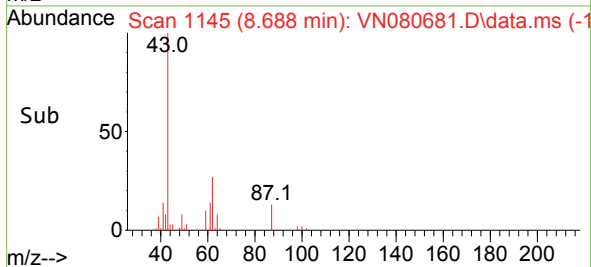
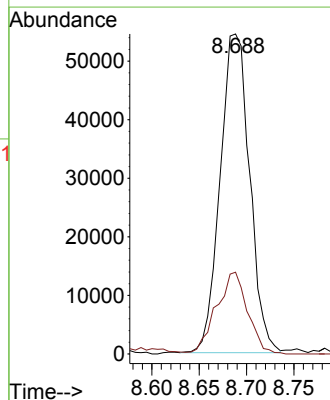
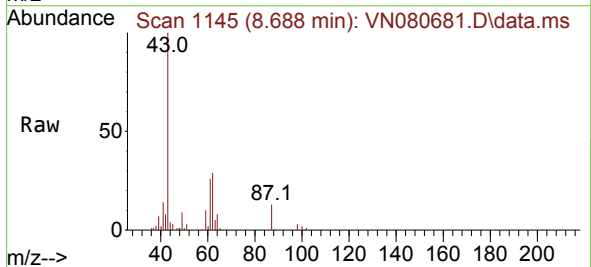
Instrument :
MSVOA_N
ClientSampleId :

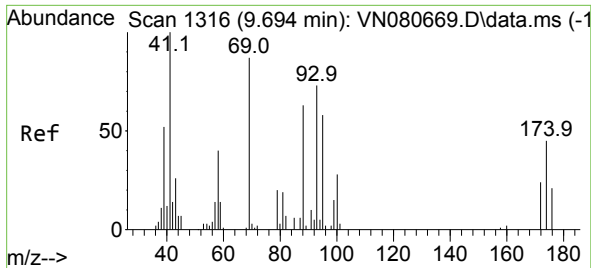
Tgt Ion: 43 Resp: 58139
Ion Ratio Lower Upper
43 100
45 8.6 10.6 15.8#



#44
Isopropyl Acetate
Concen: 18.806 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

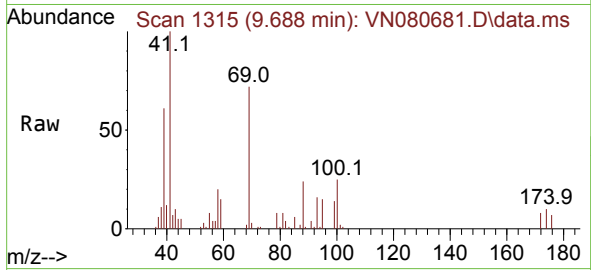
Tgt Ion: 43 Resp: 118134
Ion Ratio Lower Upper
43 100
61 27.1 25.0 37.4



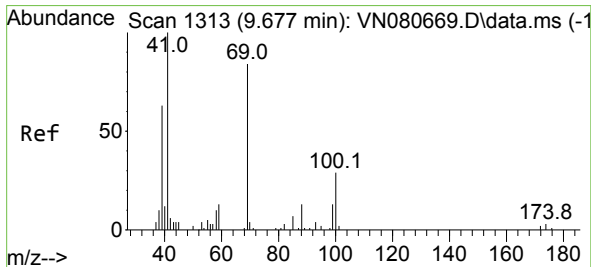
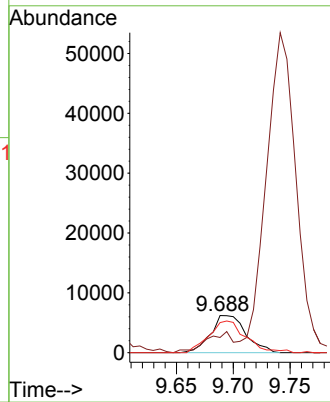
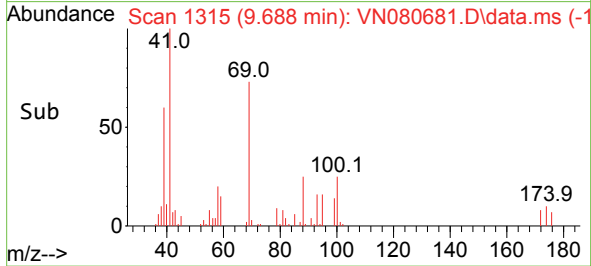


#45
1,4-Dioxane
Concen: 375.349 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

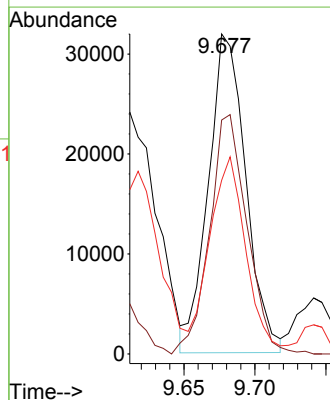
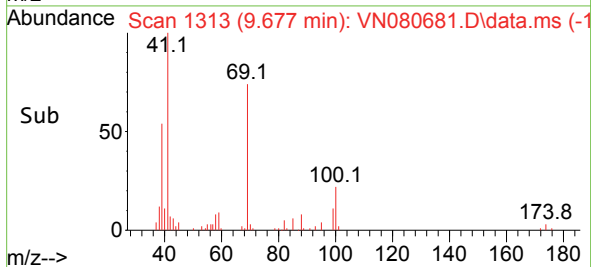
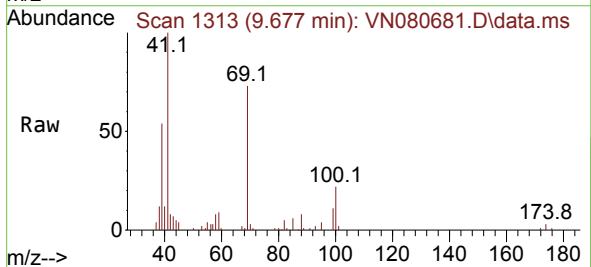


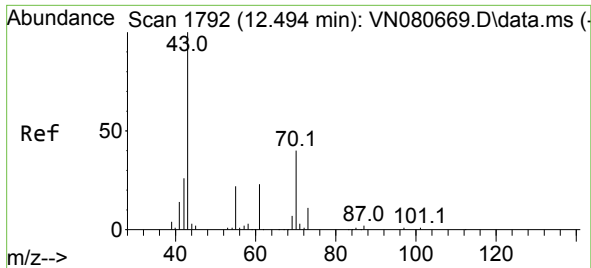
Tgt Ion: 88 Resp: 13410
Ion Ratio Lower Upper
88 100
43 4.7 19.8 29.6#
58 88.1 55.4 83.0#



#46
Methyl methacrylate
Concen: 19.757 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

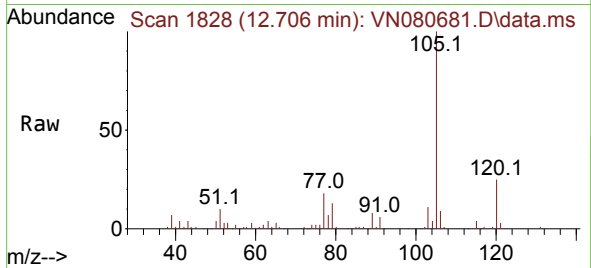
Tgt Ion: 41 Resp: 58441
Ion Ratio Lower Upper
41 100
69 74.6 51.1 153.3
39 54.3 25.8 77.3



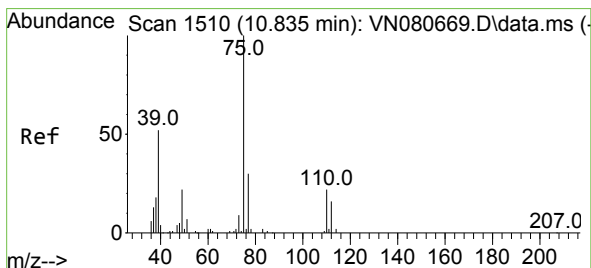
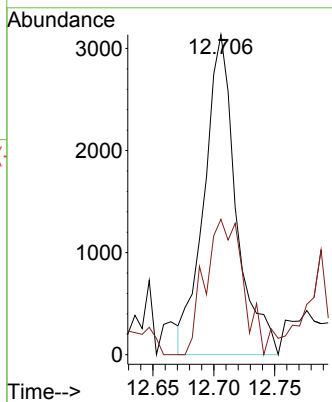
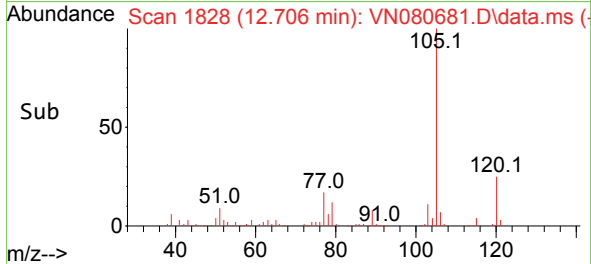


#47
n-amyl acetate
Concen: 1.016 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. 0.212 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

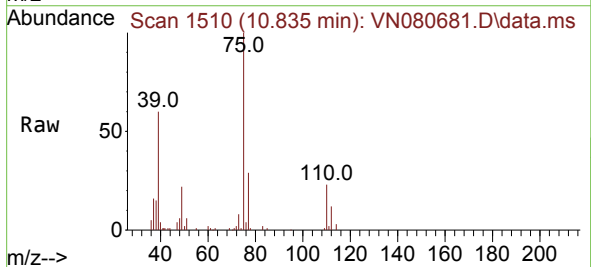
Instrument :
MSVOA_N
ClientSampleId :



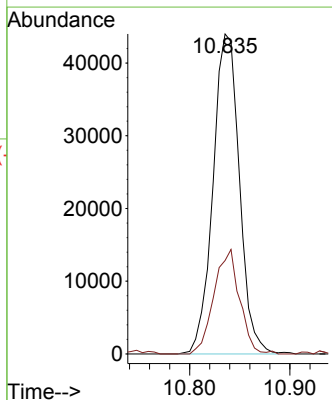
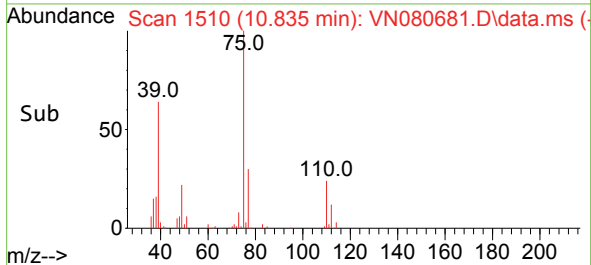
Tgt Ion: 43 Resp: 5727
Ion Ratio Lower Upper
43 100
55 32.3 23.4 35.2

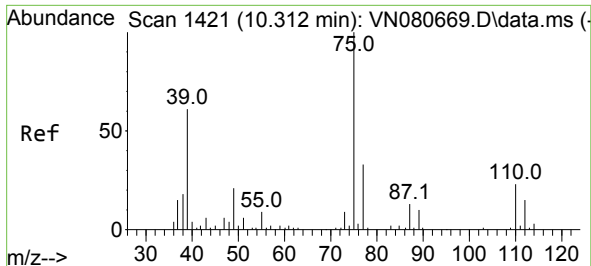


#48
t-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion: 75 Resp: 80523
Ion Ratio Lower Upper
75 100
77 29.2 23.8 35.6

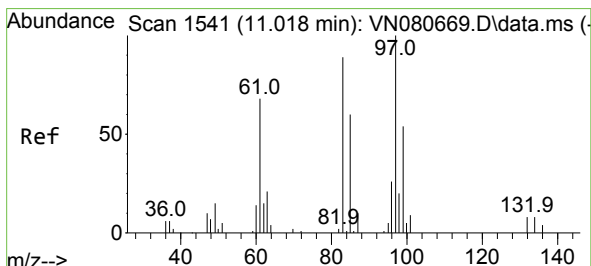
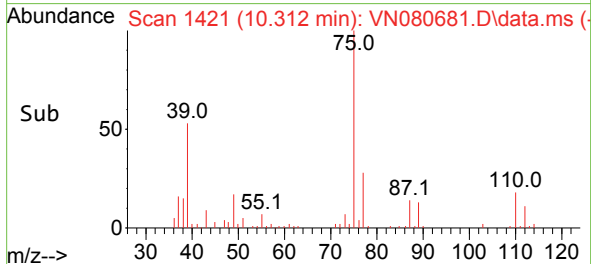
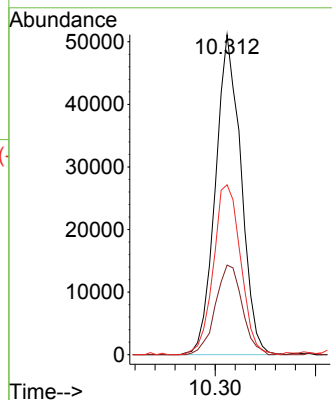
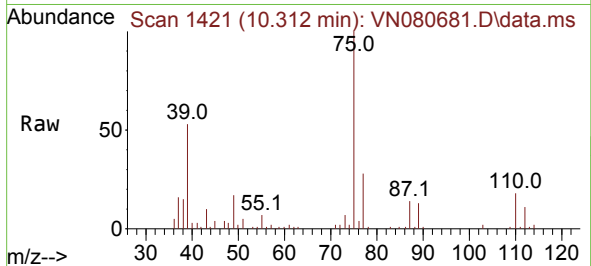




#49
 cis-1,3-Dichloropropene
 Concen: 19.605 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

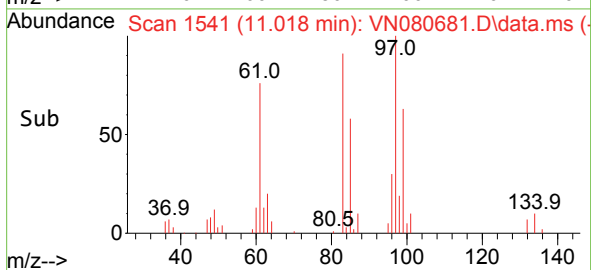
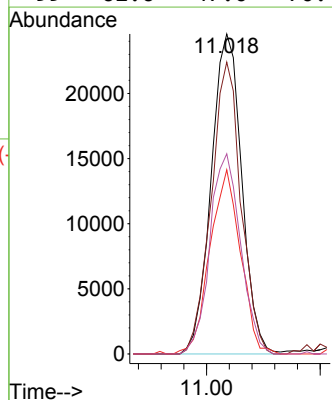
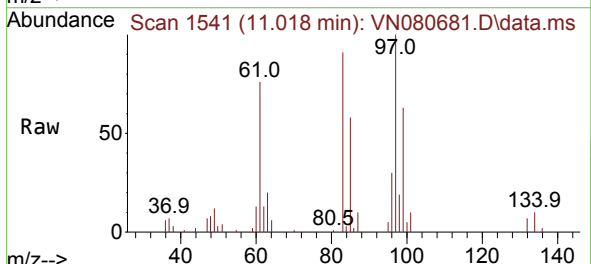
Instrument :
 MSVOA_N
 ClientSampleId :

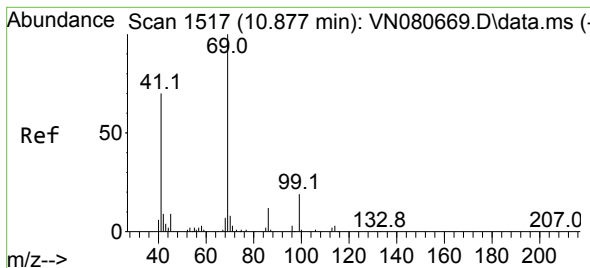
Tgt Ion: 75 Resp: 90392
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.9 37.3
 39 53.1 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 19.839 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

Tgt Ion: 97 Resp: 45900
 Ion Ratio Lower Upper
 97 100
 83 91.2 68.1 102.1
 85 57.6 41.8 62.6
 99 62.6 47.0 70.4

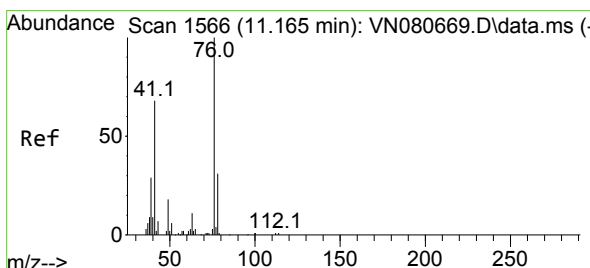
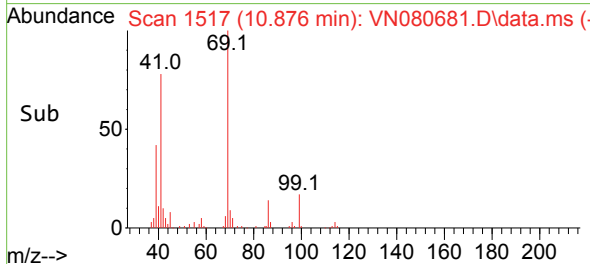
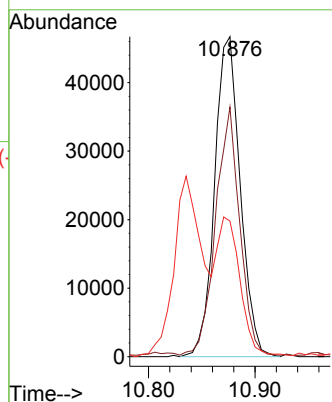
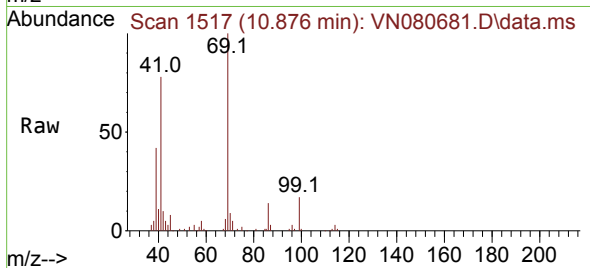




#51
Ethyl methacrylate
Concen: 19.467 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

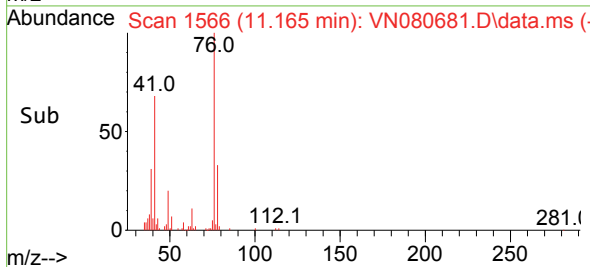
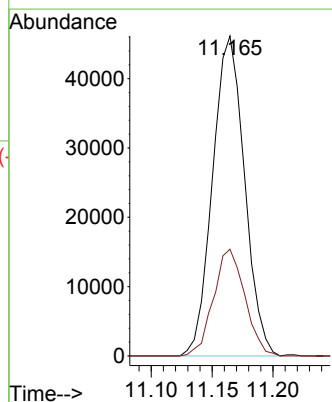
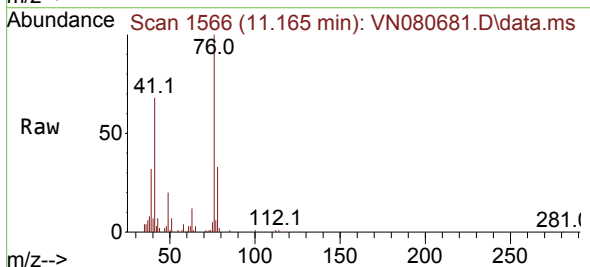
Instrument :
MSVOA_N
ClientSampleId :

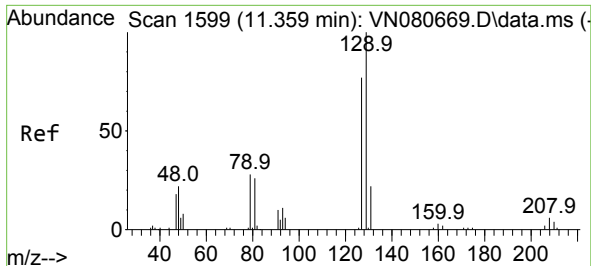
Tgt Ion: 69 Resp: 77855
Ion Ratio Lower Upper
69 100
41 77.6 25.5 76.5#
39 41.5 16.0 47.9



#52
1,3-Dichloropropane
Concen: 19.341 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 76 Resp: 84240
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.8

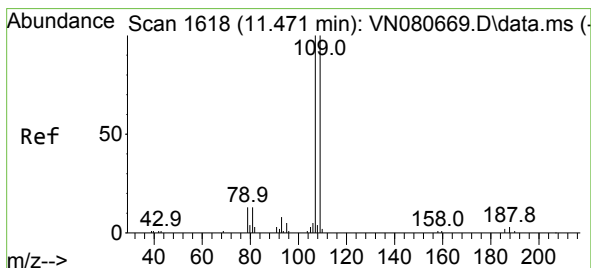
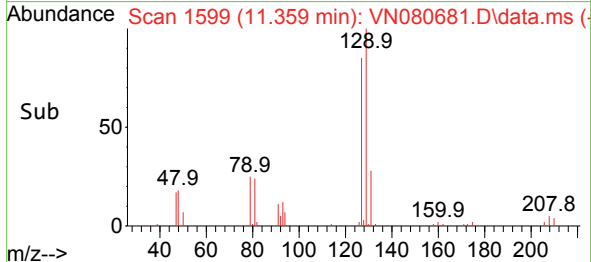
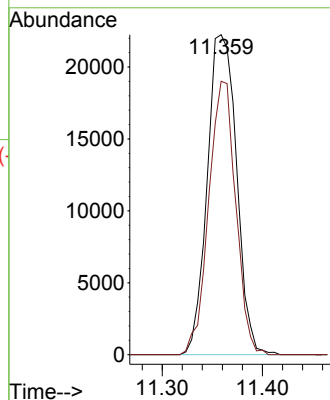
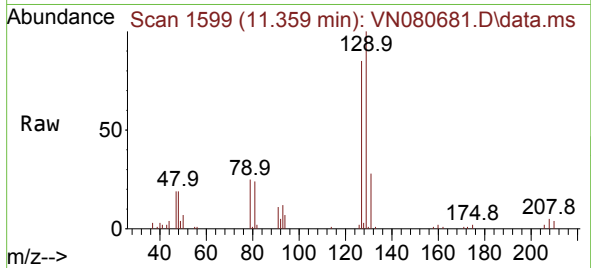




#53
Dibromochloromethane
Concen: 19.561 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

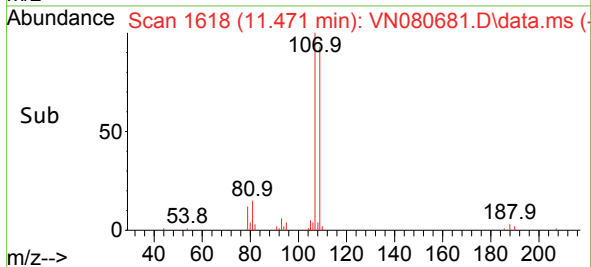
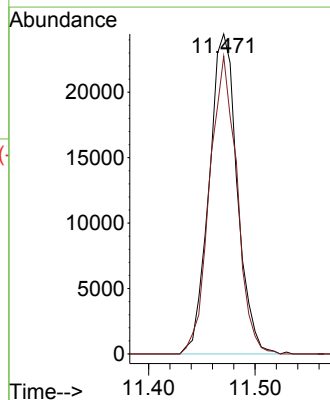
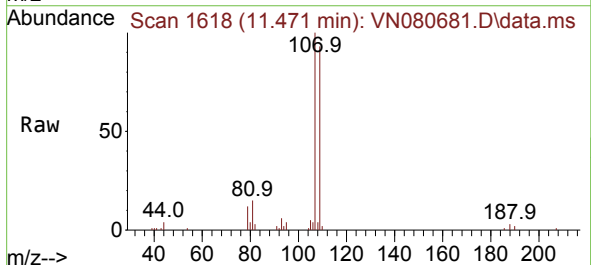
Instrument :
MSVOA_N
ClientSampleId :

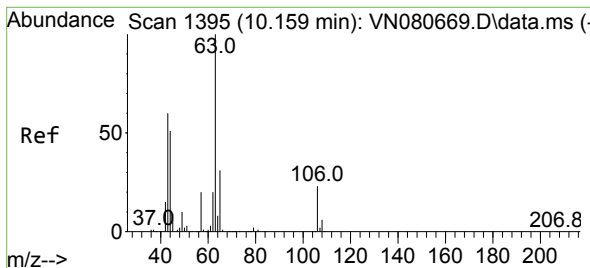
Tgt Ion:129 Resp: 45286
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 19.677 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:107 Resp: 44749
Ion Ratio Lower Upper
107 100
109 90.6 74.7 112.1

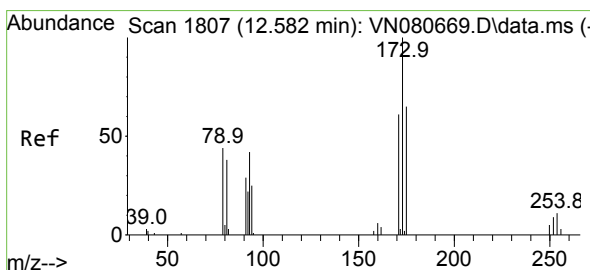
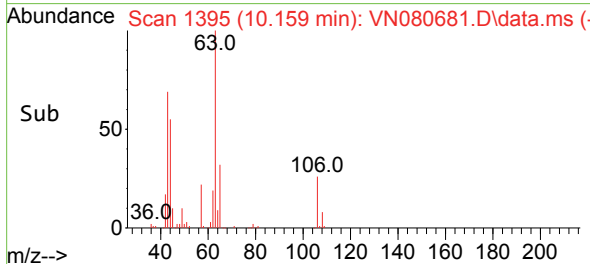
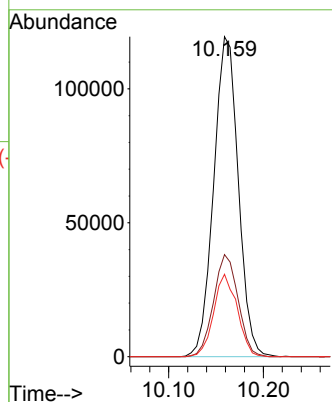
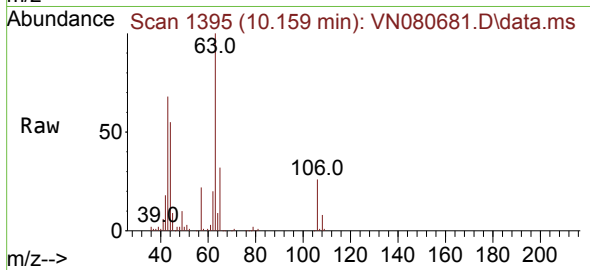




#55
2-Chloroethyl vinyl ether
Concen: 104.846 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

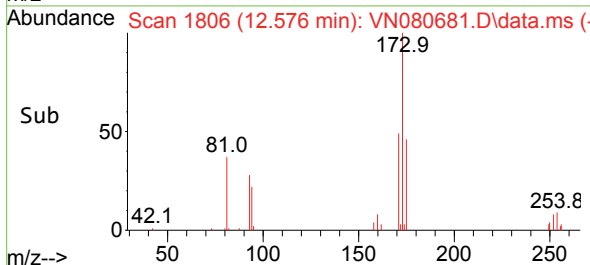
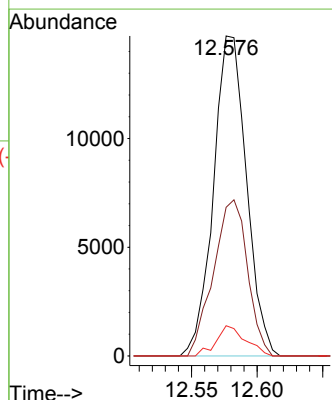
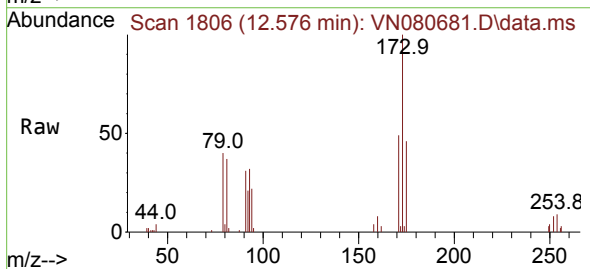
Instrument :
MSVOA_N
ClientSampleId :

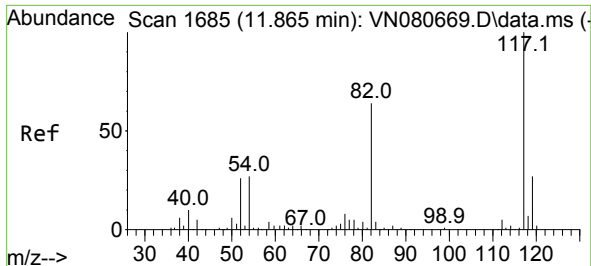
Tgt Ion: 63 Resp: 215528
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 24.7 23.8 35.8



#56
Bromoform
Concen: 18.852 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 173 Resp: 25782
Ion Ratio Lower Upper
173 100
175 50.2 40.0 60.0
254 8.4 8.3 12.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

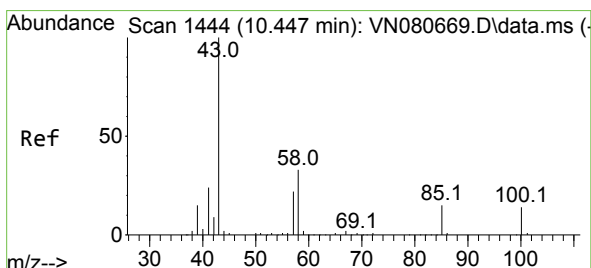
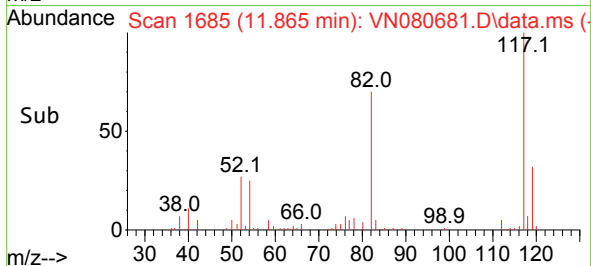
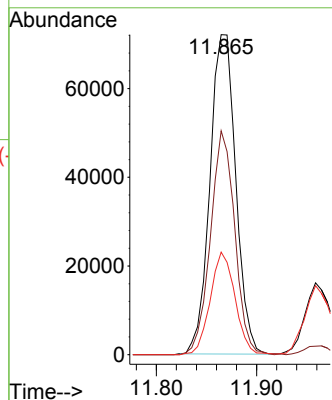
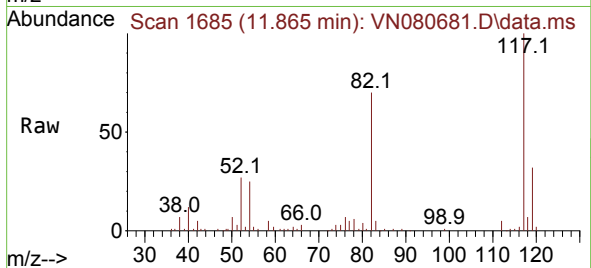
Tgt Ion:117 Resp: 129188

Ion Ratio Lower Upper

117 100

82 65.8 46.6 69.8

119 30.9 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 97.581 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

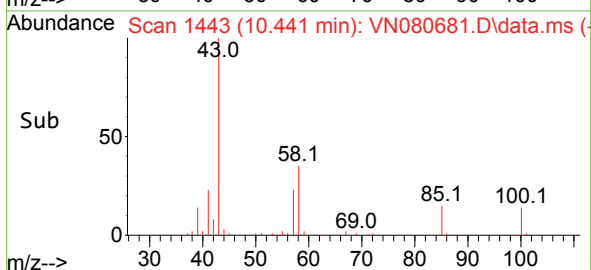
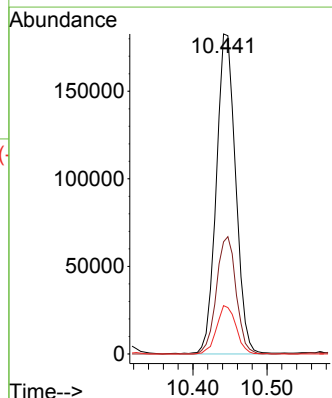
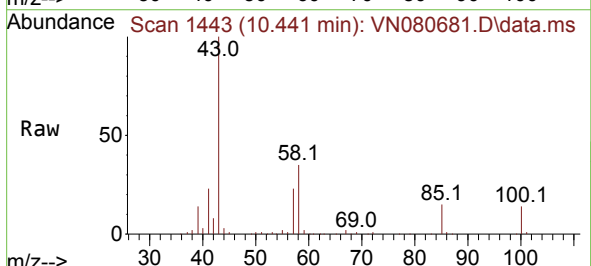
Tgt Ion: 43 Resp: 331621

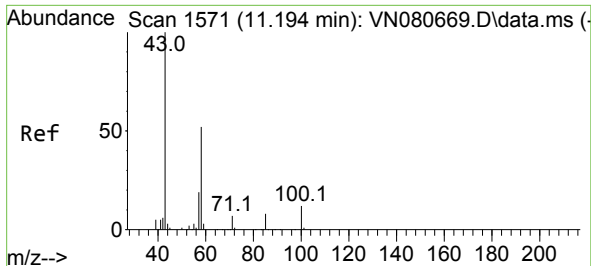
Ion Ratio Lower Upper

43 100

58 37.3 36.5 54.7

85 15.1 19.5 29.3#

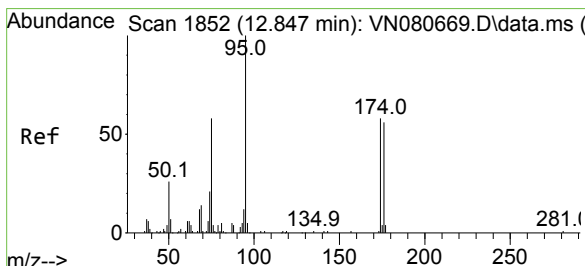
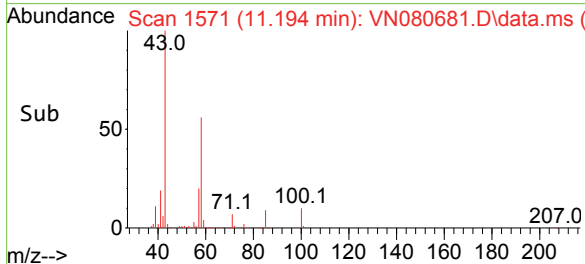
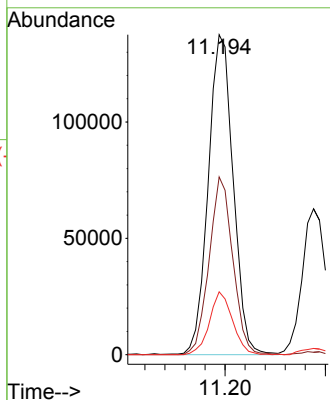
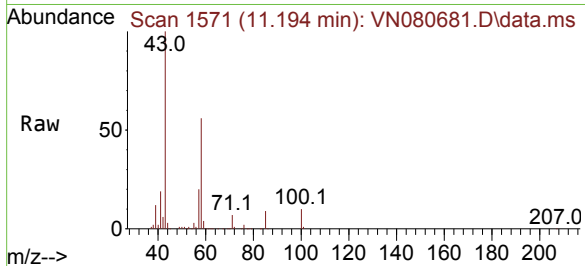




#59
2-Hexanone
Concen: 93.537 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

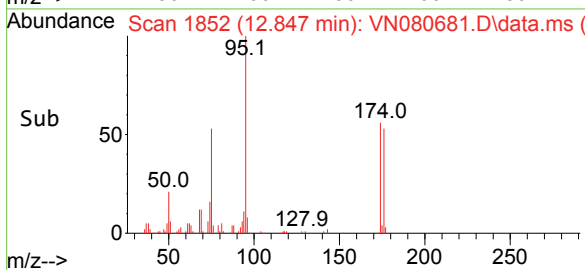
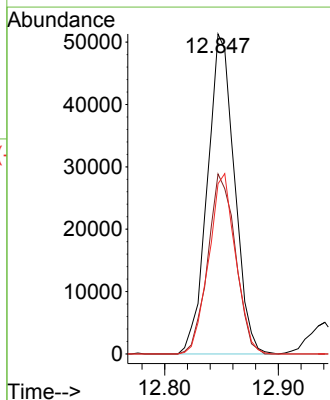
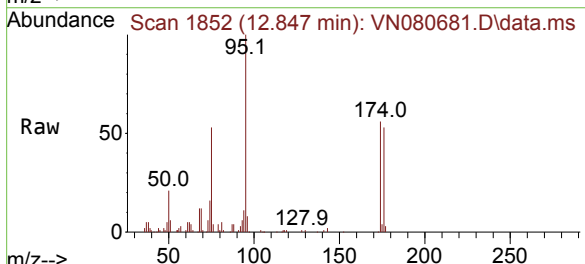
Instrument :
MSVOA_N
ClientSampleId :

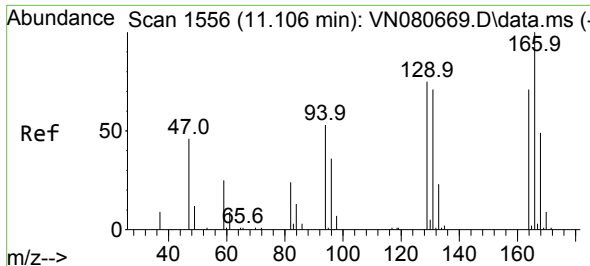
Tgt Ion: 43 Resp: 237336
Ion Ratio Lower Upper
43 100
58 52.9 50.4 75.6
57 18.3 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

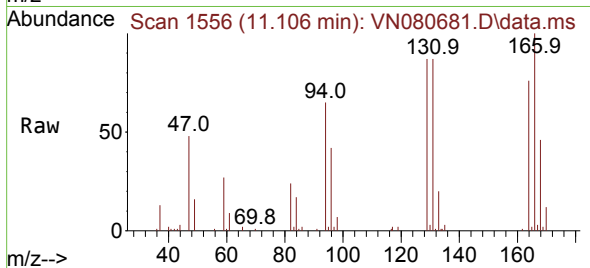
Tgt Ion: 95 Resp: 84930
Ion Ratio Lower Upper
95 100
174 57.3 60.5 90.7#
176 56.0 57.8 86.6#



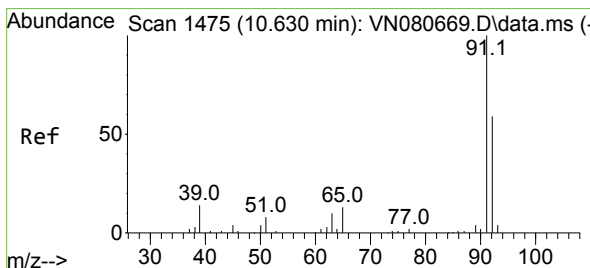
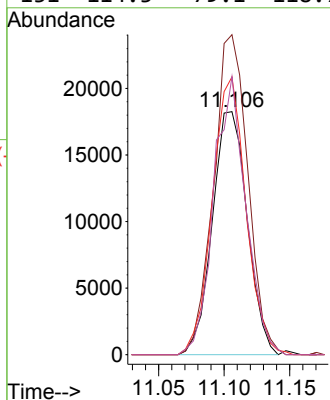


#61
Tetrachloroethene
Concen: 19.622 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

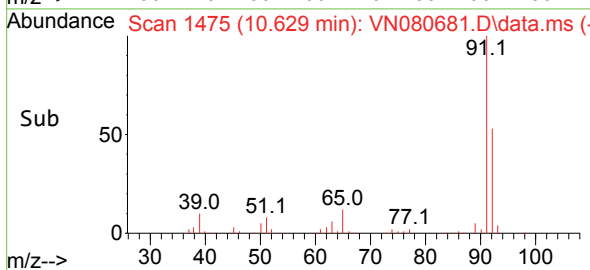
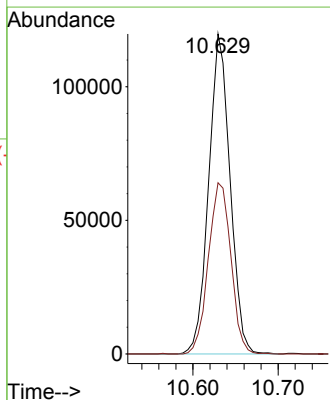
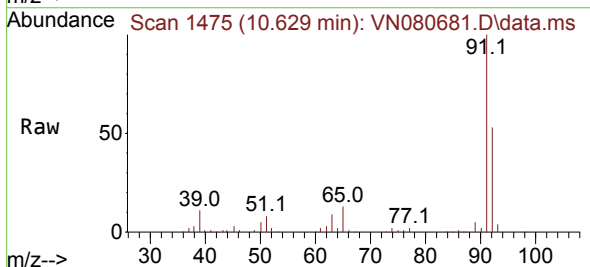


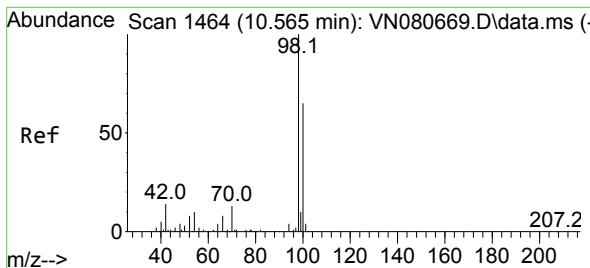
Tgt Ion:164 Resp: 33743
Ion Ratio Lower Upper
164 100
166 131.6 106.7 160.1
129 114.2 85.8 128.6
131 114.3 79.1 118.7



#62
Toluene
Concen: 20.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 209215
Ion Ratio Lower Upper
91 100
92 56.3 46.5 69.7





#63

Toluene-d8

Concen: 30.296 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

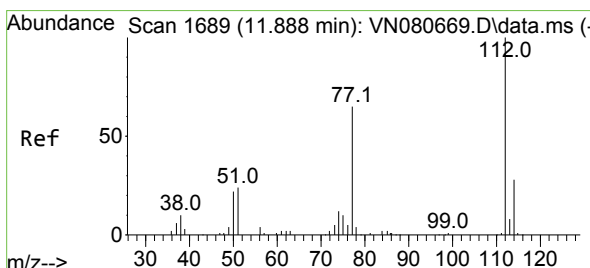
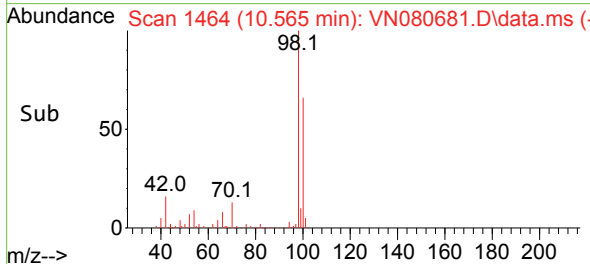
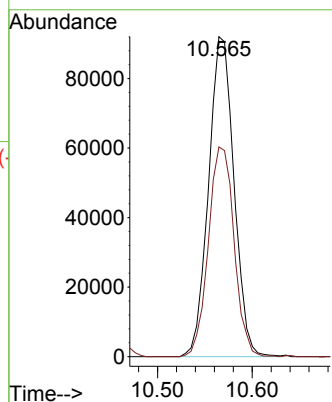
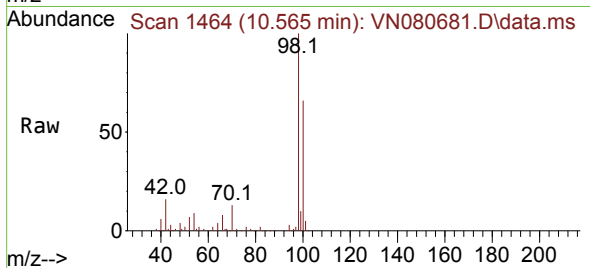
ClientSampleId :

Tgt Ion: 98 Resp: 171770

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#64

Chlorobenzene

Concen: 19.570 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN080681.D

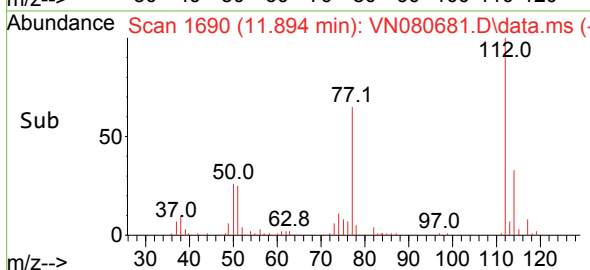
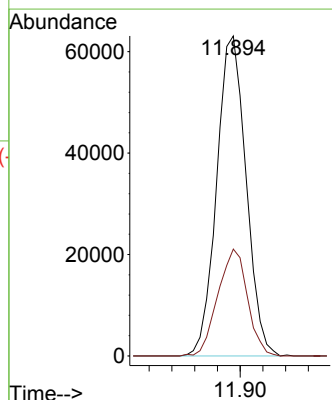
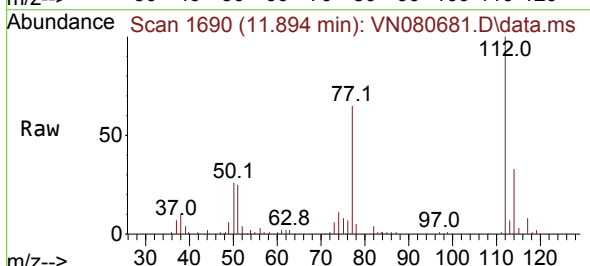
Acq: 11 Jan 2024 17:14

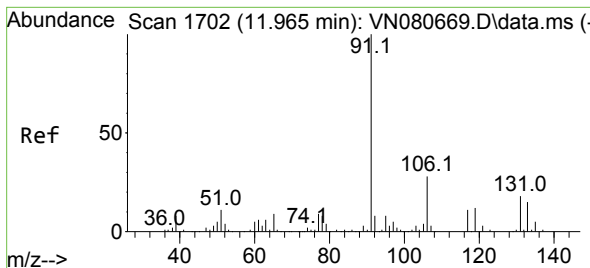
Tgt Ion: 112 Resp: 113261

Ion Ratio Lower Upper

112 100

114 33.4 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.161 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

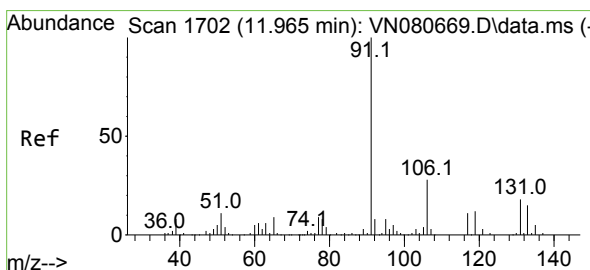
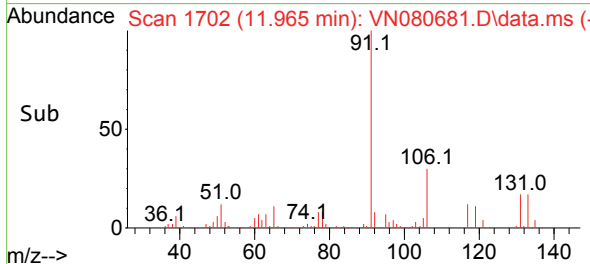
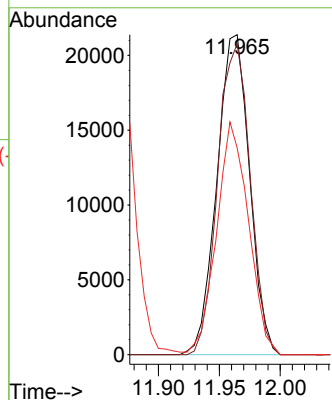
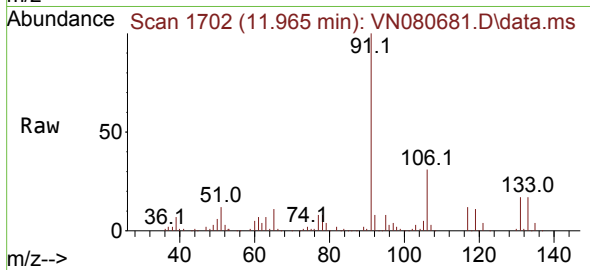
Tgt Ion:131 Resp: 39844

Ion Ratio Lower Upper

131 100

133 96.7 0.0 188.0

119 71.1 0.0 122.8



#66

Ethyl Benzene

Concen: 20.072 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080681.D

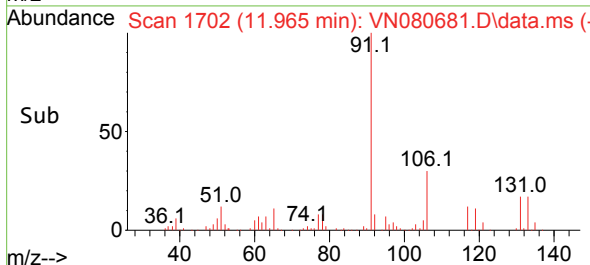
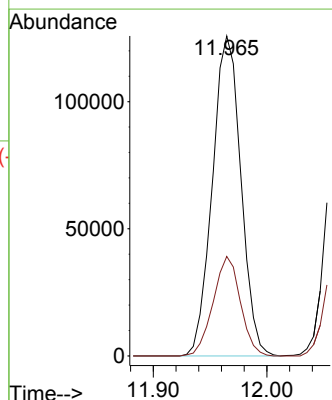
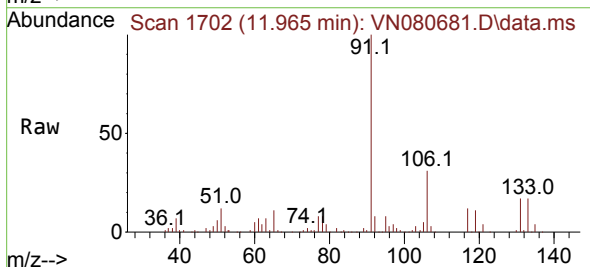
Acq: 11 Jan 2024 17:14

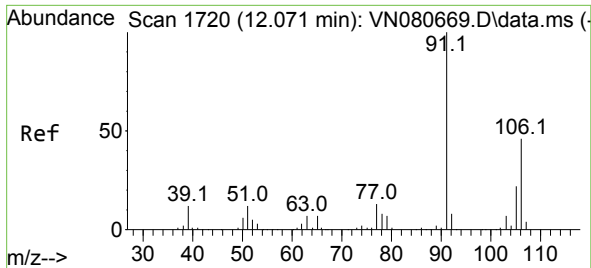
Tgt Ion: 91 Resp: 219364

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6

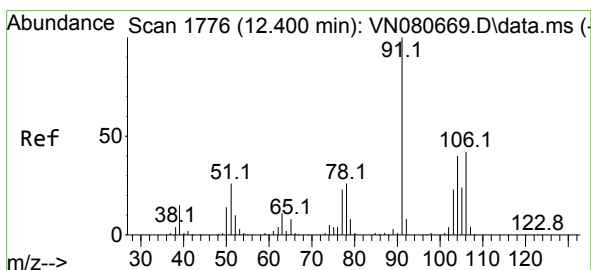
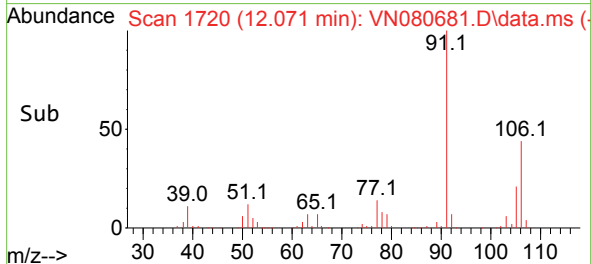
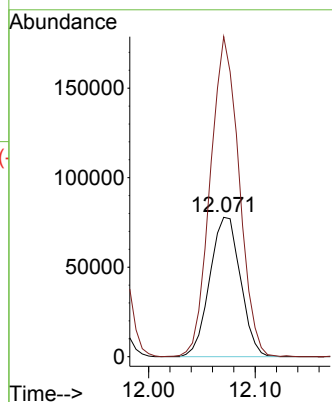
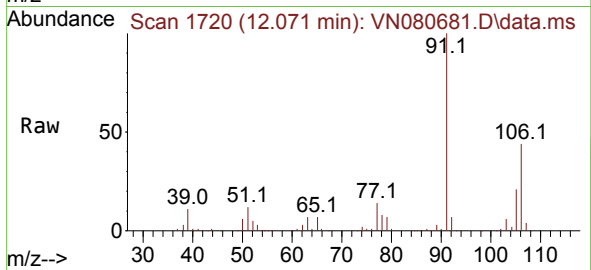




#67
m/p-Xylenes
Concen: 39.651 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

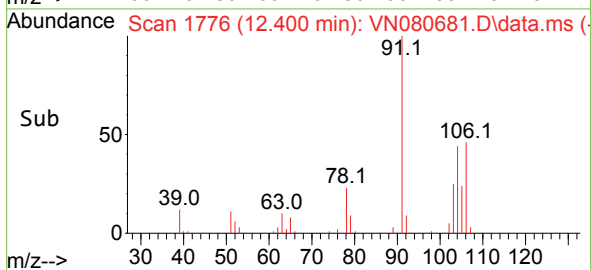
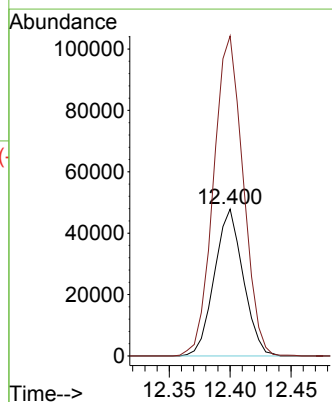
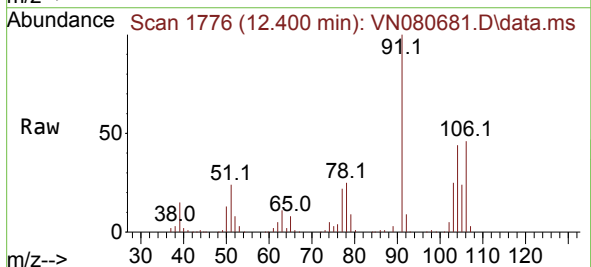
Instrument :
MSVOA_N
ClientSampleId :

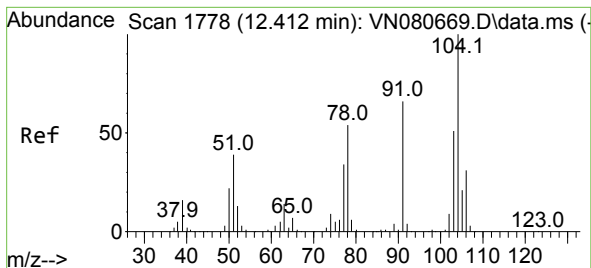
Tgt Ion:106 Resp: 155747
Ion Ratio Lower Upper
106 100
91 215.8 166.6 249.8



#68
o-Xylene
Concen: 20.082 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:106 Resp: 78671
Ion Ratio Lower Upper
106 100
91 223.8 110.0 330.0





#69

Styrene

Concen: 20.167 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

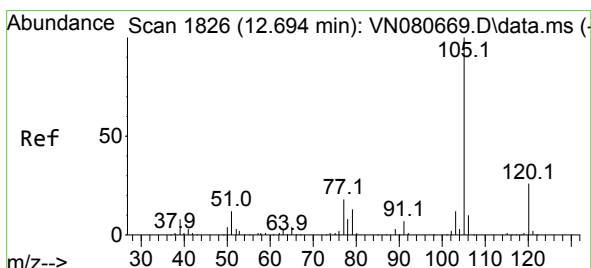
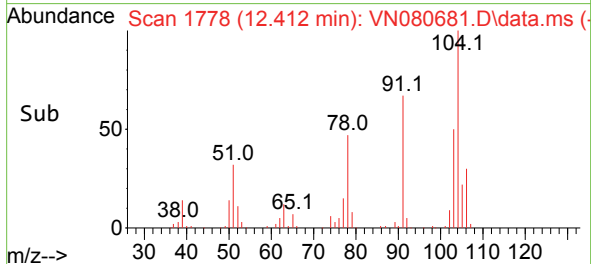
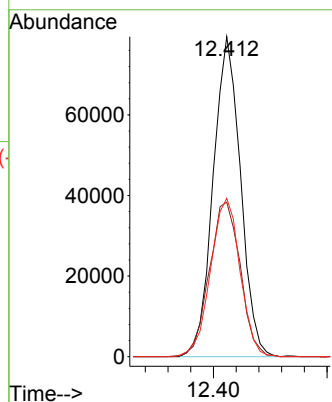
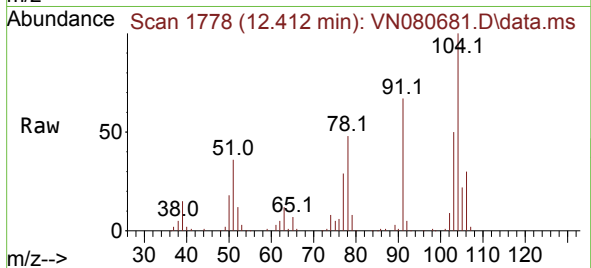
Tgt Ion:104 Resp: 132723

Ion Ratio Lower Upper

104 100

78 54.8 42.6 64.0

103 53.3 43.7 65.5



#70

Isopropylbenzene

Concen: 19.716 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080681.D

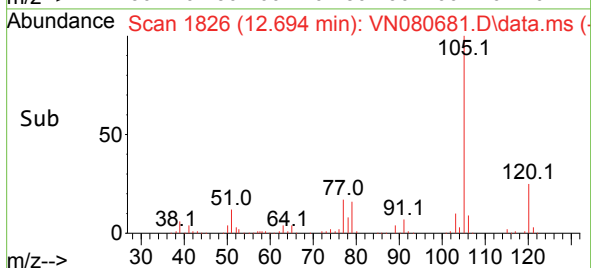
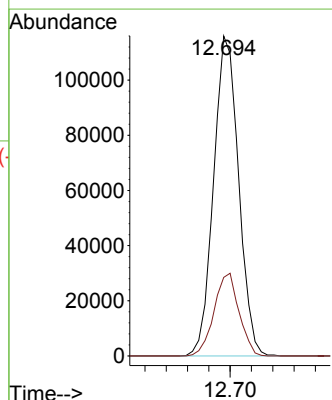
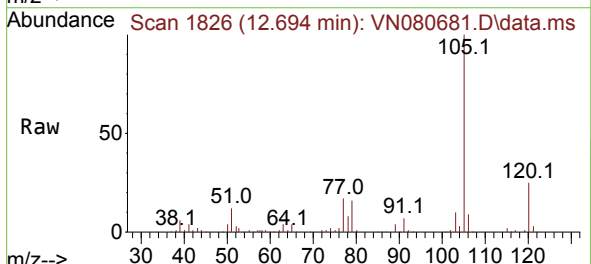
Acq: 11 Jan 2024 17:14

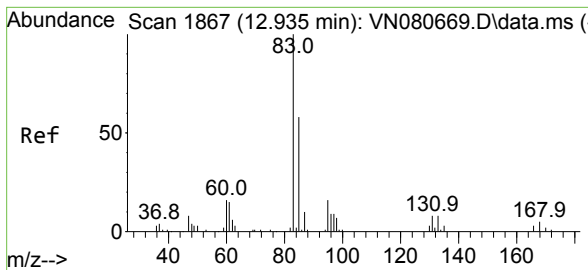
Tgt Ion:105 Resp: 188768

Ion Ratio Lower Upper

105 100

120 25.8 17.8 33.1

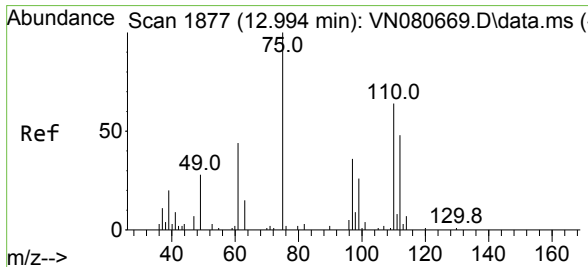
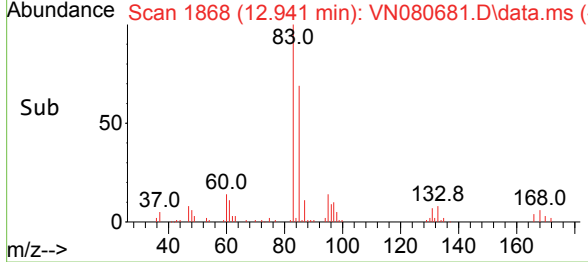
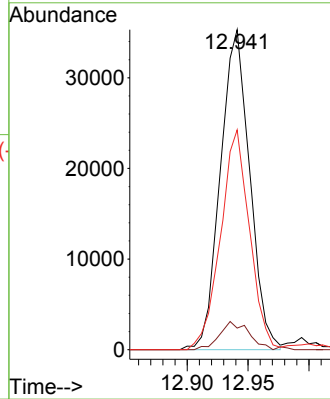
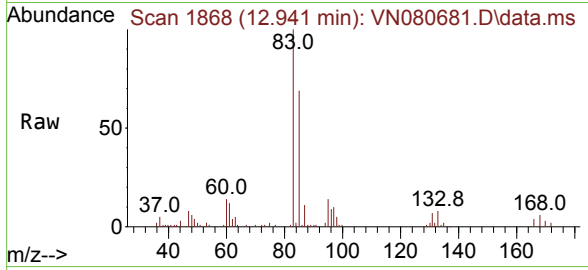




#71
1,1,2,2-Tetrachloroethane
Concen: 18.980 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

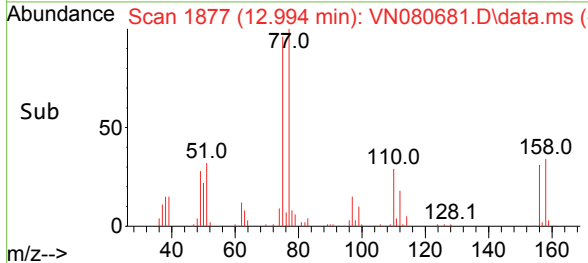
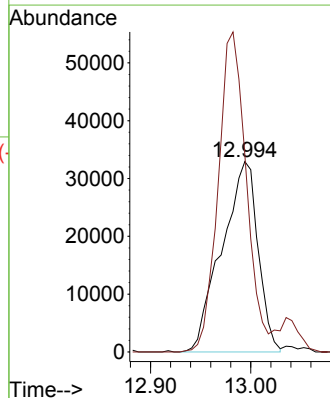
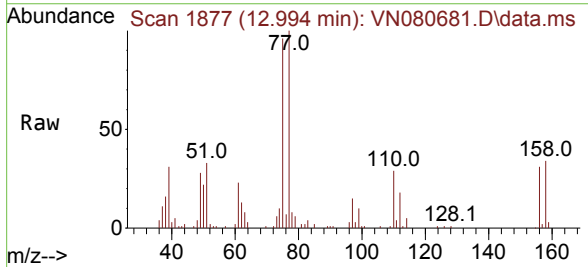
Instrument :
MSVOA_N
ClientSampleId :

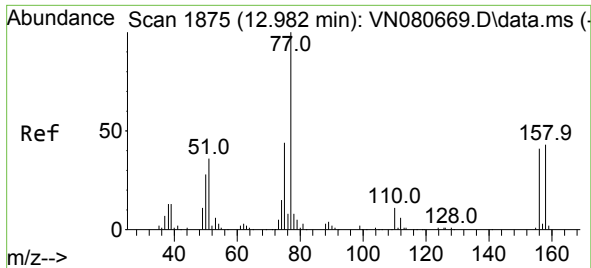
Tgt Ion: 83 Resp: 59313
Ion Ratio Lower Upper
83 100
131 8.7 5.2 15.6
85 67.7 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 27.847 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 75 Resp: 82478
Ion Ratio Lower Upper
75 100
77 130.4 0.0 367.6

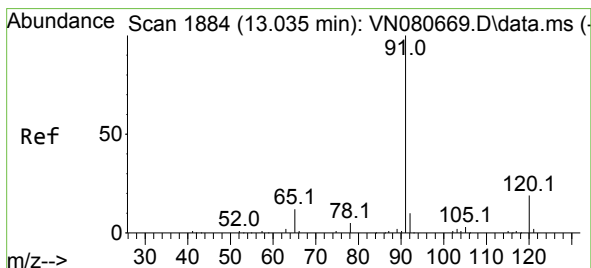
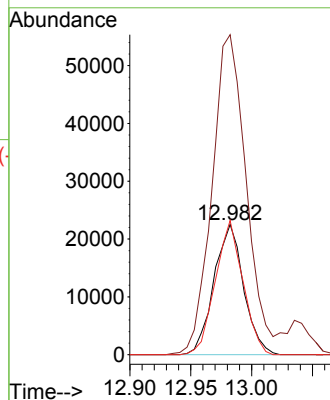
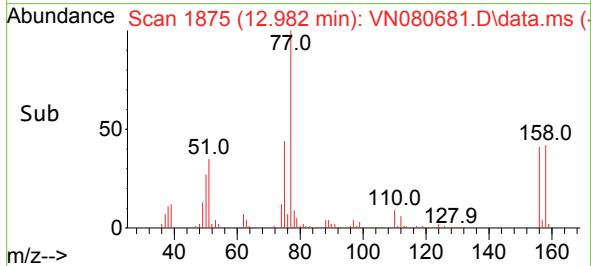
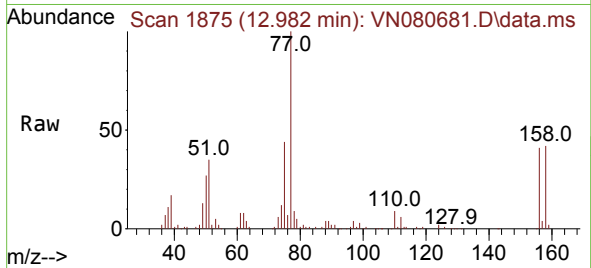




#73
Bromobenzene
Concen: 18.702 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

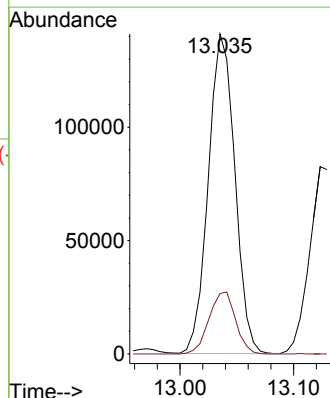
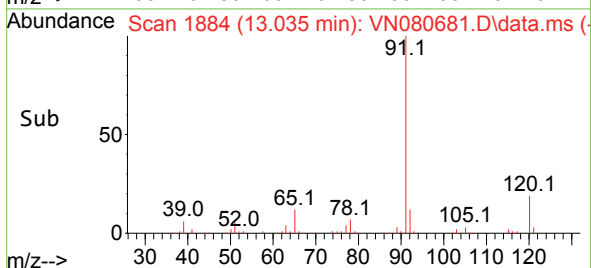
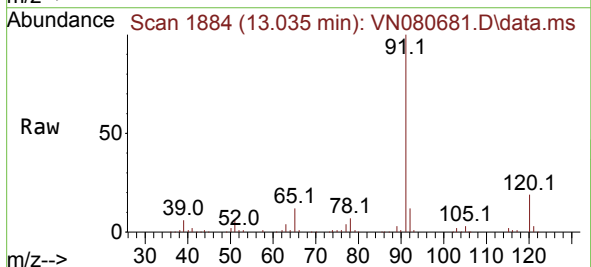
Instrument :
MSVOA_N
ClientSampleId :

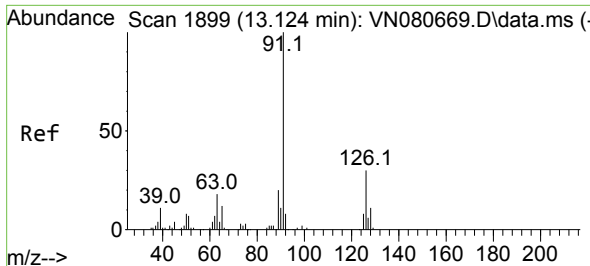
Tgt Ion:156 Resp: 38166
Ion Ratio Lower Upper
156 100
77 281.8 0.0 437.6
158 96.0 0.0 203.8



#74
n-propylbenzene
Concen: 19.784 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 228444
Ion Ratio Lower Upper
91 100
120 19.4 0.0 43.8

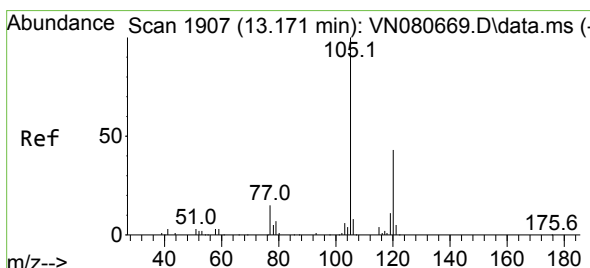
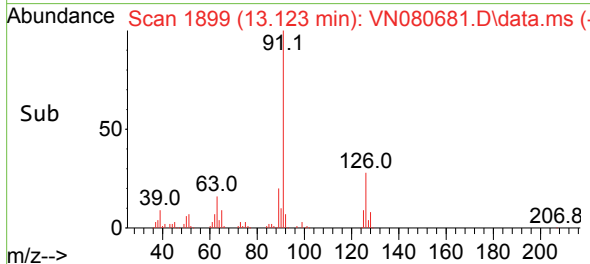
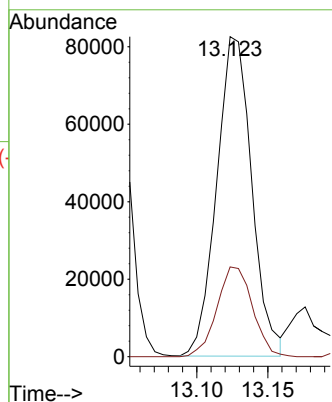
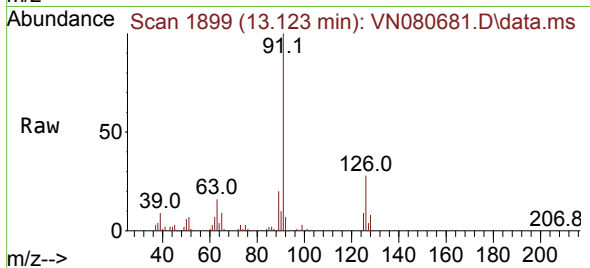




#75
2-Chlorotoluene
Concen: 19.513 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

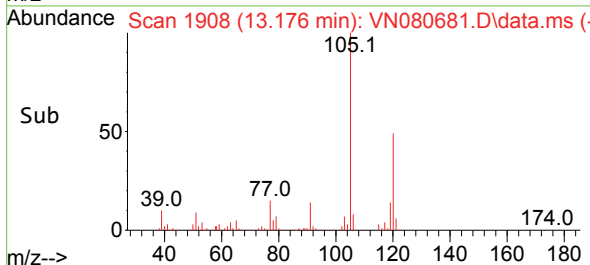
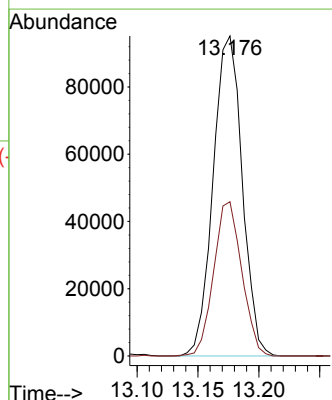
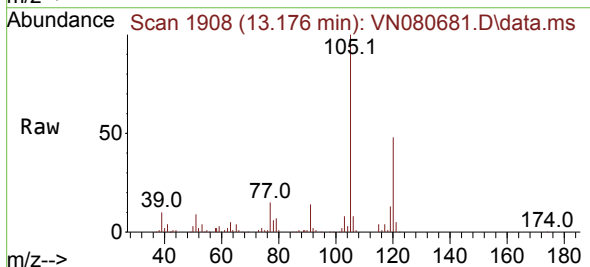
Instrument :
MSVOA_N
ClientSampleId :

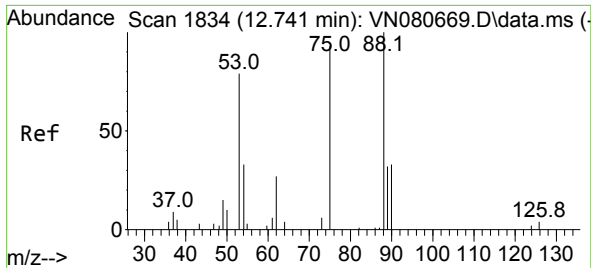
Tgt Ion: 91 Resp: 141691
Ion Ratio Lower Upper
91 100
126 28.5 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.873 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:105 Resp: 158362
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8

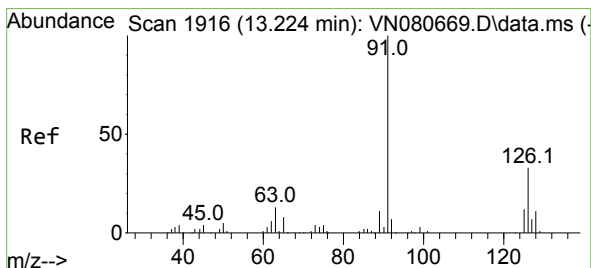
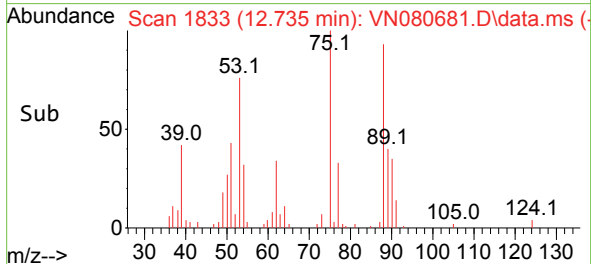
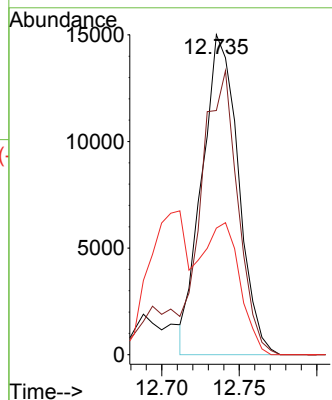
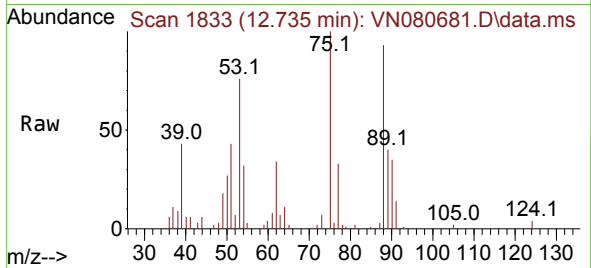




#77
t-1,4-Dichloro-2-butene
Concen: 20.137 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

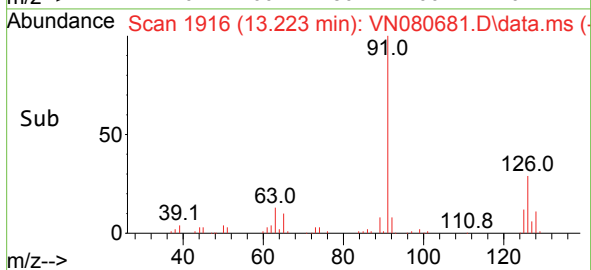
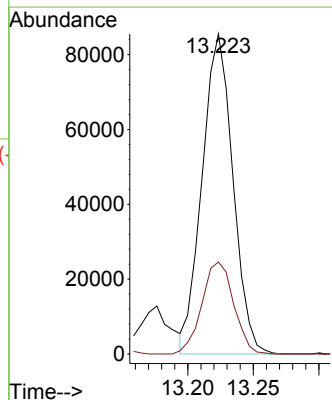
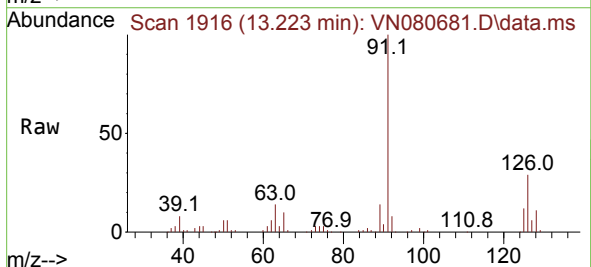
Instrument :
MSVOA_N
ClientSampleId :

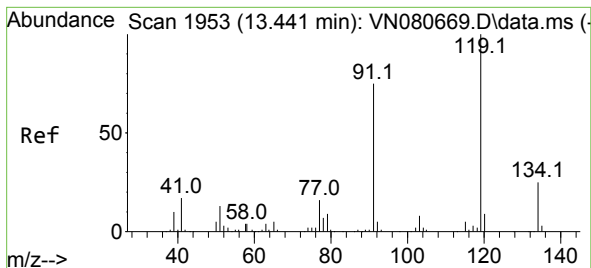
Tgt Ion: 75 Resp: 24450
Ion Ratio Lower Upper
75 100
53 76.3 45.9 137.7
89 39.5 25.9 77.7



#78
4-Chlorotoluene
Concen: 19.259 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 139791
Ion Ratio Lower Upper
91 100
126 29.6 0.0 62.8

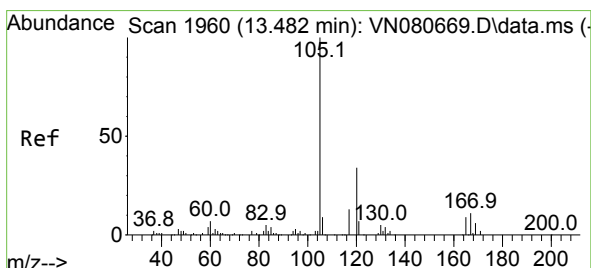
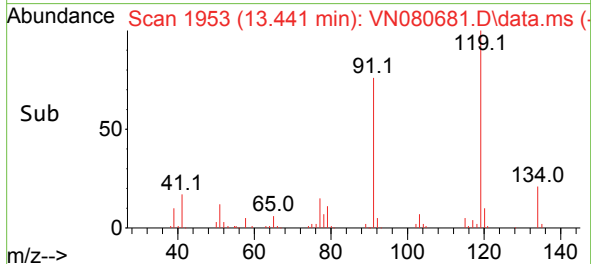
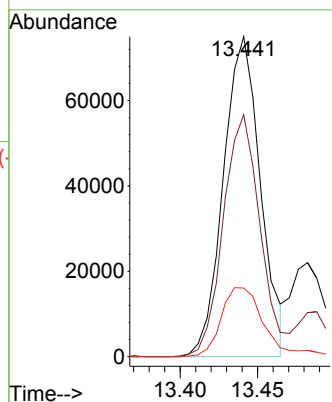
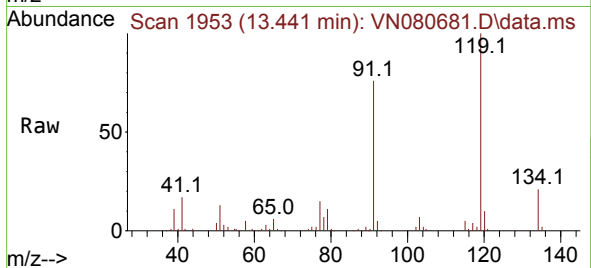




#79
tert-butylbenzene
Concen: 20.095 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

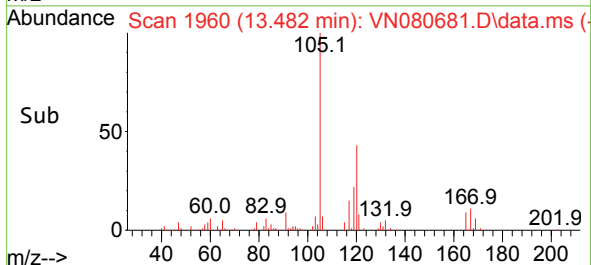
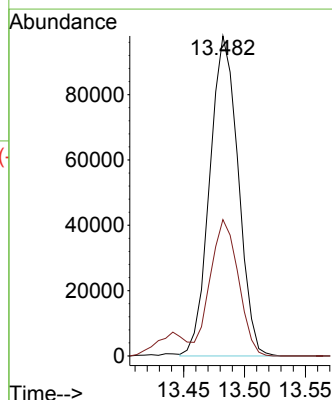
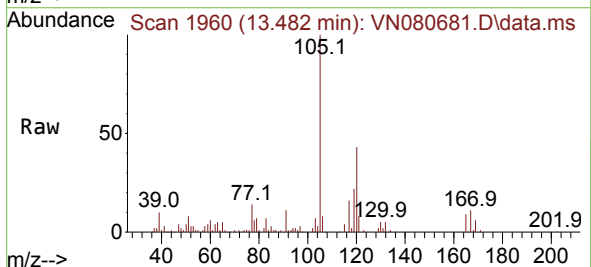
Instrument :
MSVOA_N
ClientSampleId :

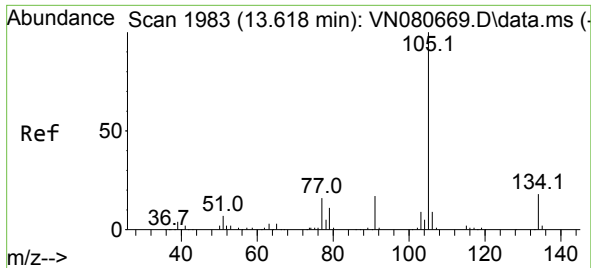
Tgt Ion:119 Resp: 124995
Ion Ratio Lower Upper
119 100
91 75.5 0.0 138.8
134 24.0 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

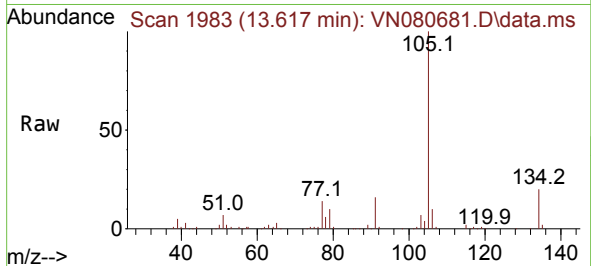
Tgt Ion:105 Resp: 159083
Ion Ratio Lower Upper
105 100
120 41.9 0.0 86.8



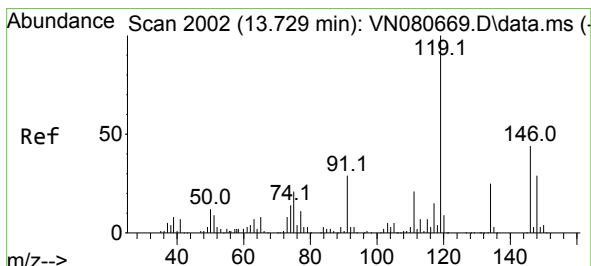
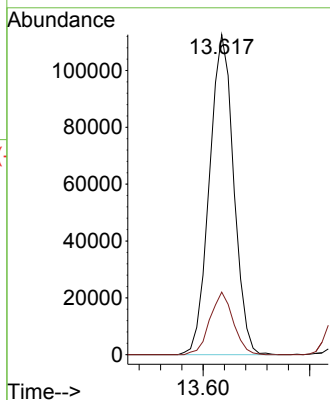
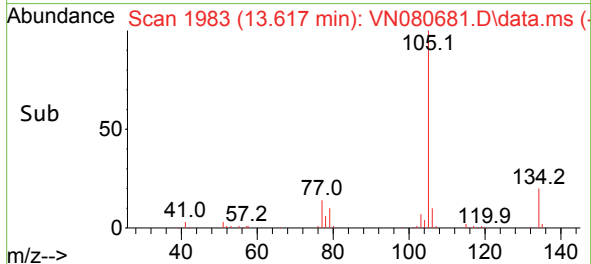


#81
 sec-Butylbenzene
 Concen: 19.450 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

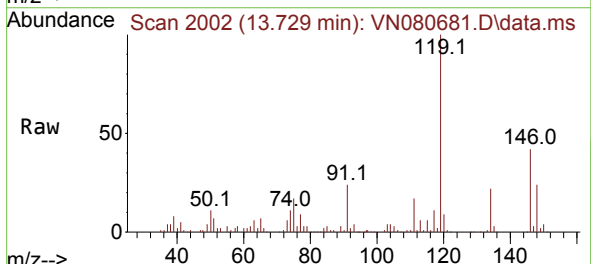
Instrument :
 MSVOA_N
 ClientSampleId :



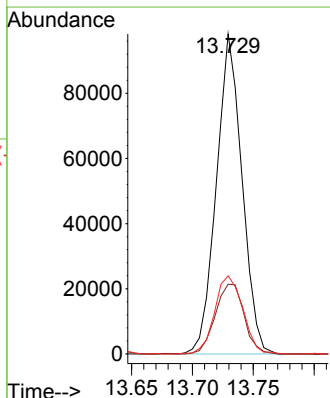
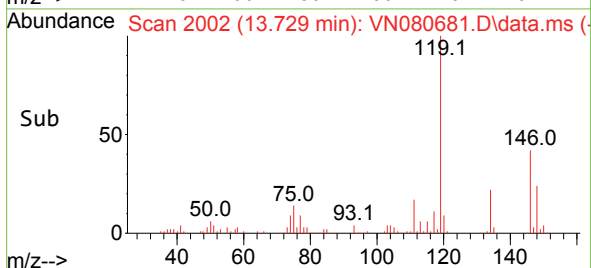
Tgt Ion:105 Resp: 178091
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0

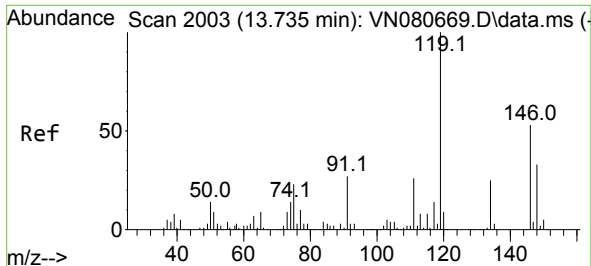


#82
 p-Isopropyltoluene
 Concen: 20.614 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14



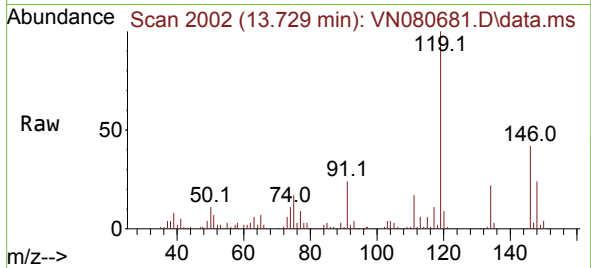
Tgt Ion:119 Resp: 143948
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 49.2
 91 26.8 0.0 48.8



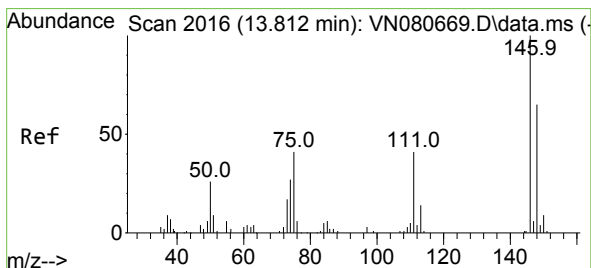
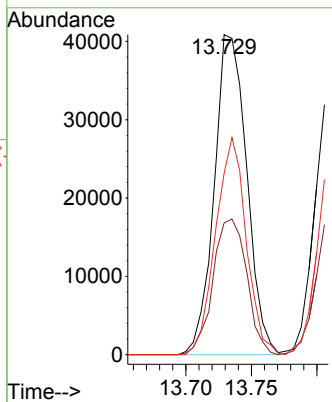
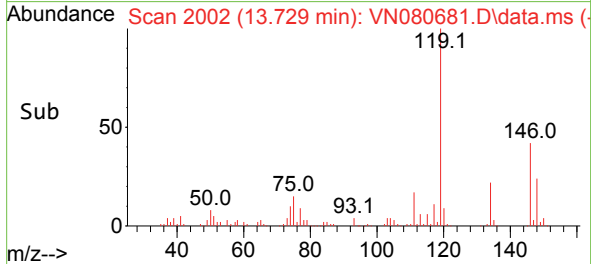


#83
1,3-Dichlorobenzene
Concen: 19.902 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

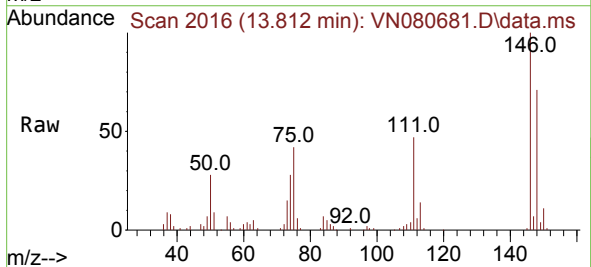
Instrument :
MSVOA_N
ClientSampleId :



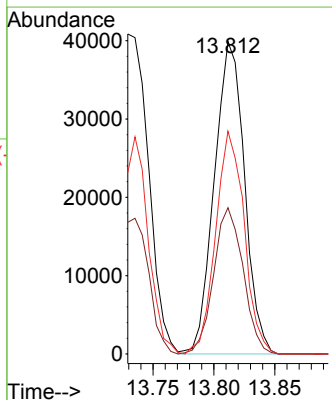
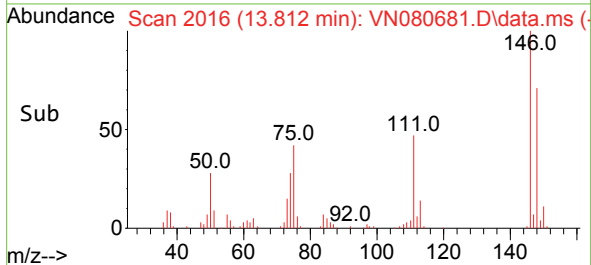
Tgt Ion:146 Resp: 70463
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.7 32.1 96.5

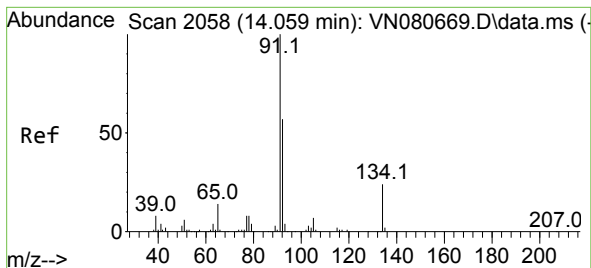


#84
1,4-Dichlorobenzene
Concen: 19.295 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion:146 Resp: 68783
Ion Ratio Lower Upper
146 100
111 45.8 21.3 63.9
148 67.5 31.9 95.5





#85

n-Butylbenzene

Concen: 19.714 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

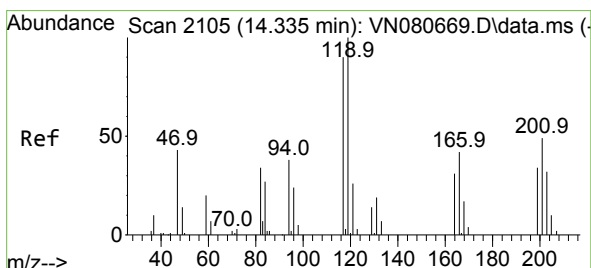
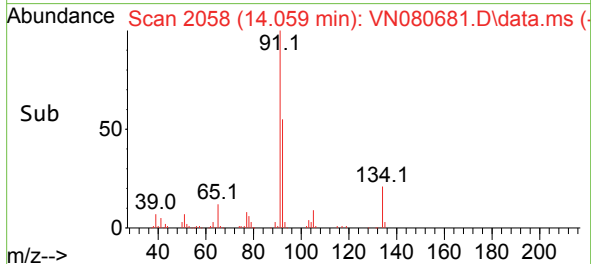
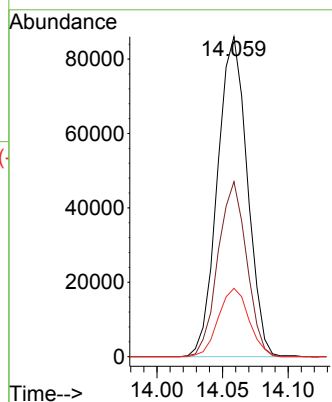
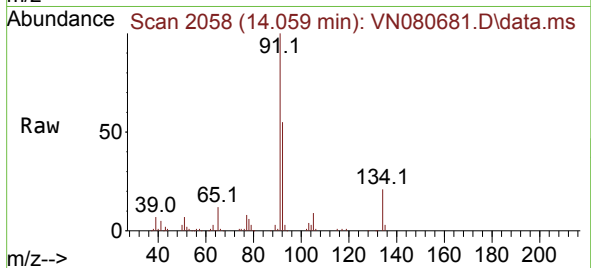
Tgt Ion: 91 Resp: 136015

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.0

134 21.8 0.0 51.8



#86

Hexachloroethane

Concen: 18.080 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080681.D

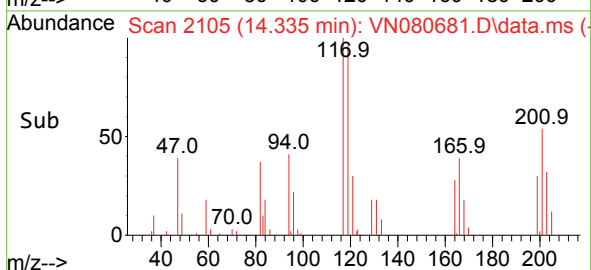
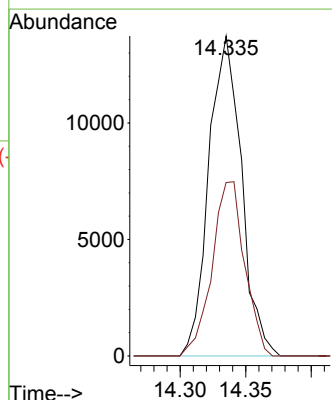
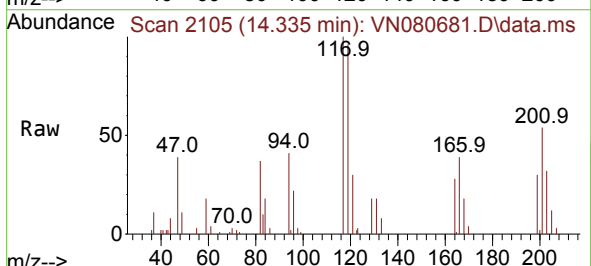
Acq: 11 Jan 2024 17:14

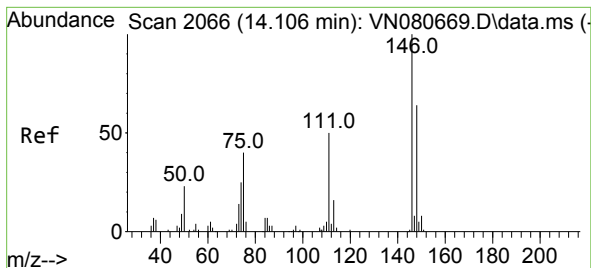
Tgt Ion: 117 Resp: 23741

Ion Ratio Lower Upper

117 100

201 54.5 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.205 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

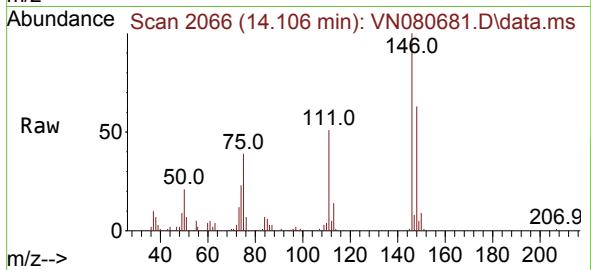
Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

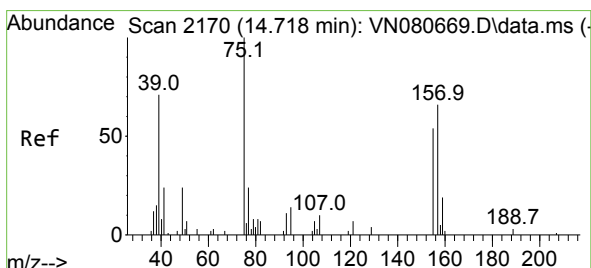
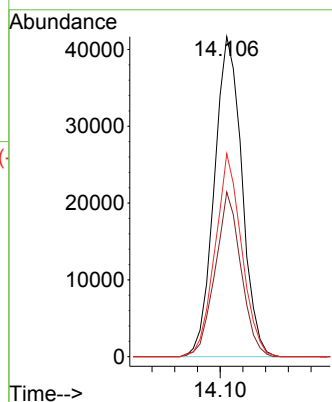
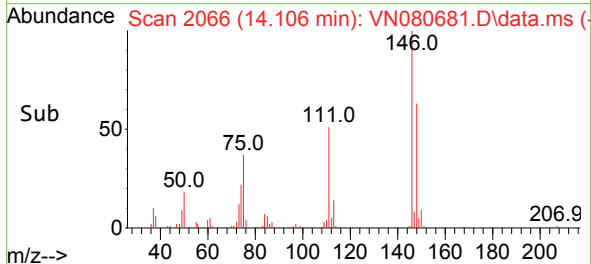
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	70173
Ion	Ratio	Lower	Upper
146	100		
111	48.5	22.6	67.8
148	61.3	31.3	93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.721 ug/l

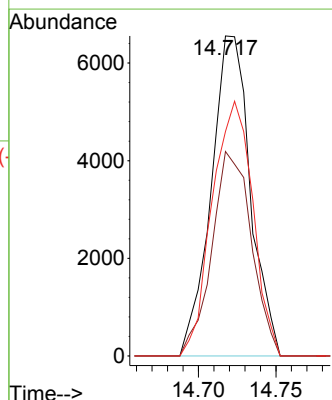
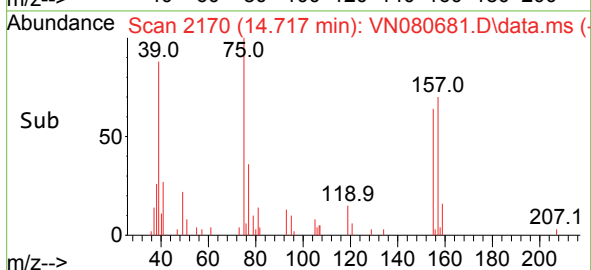
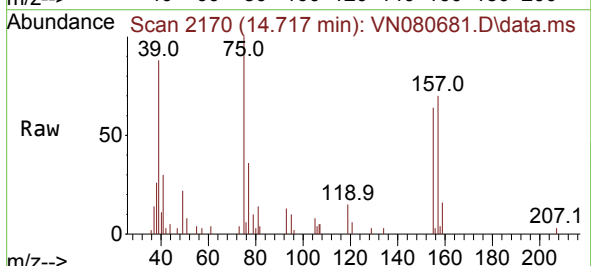
RT: 14.717 min Scan# 2170

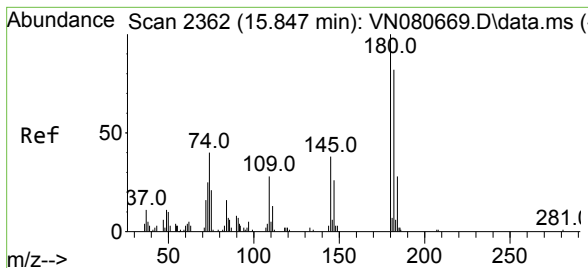
Delta R.T. -0.001 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Tgt Ion:	75	Resp:	11530
Ion	Ratio	Lower	Upper
75	100		
155	64.4	61.7	92.5
157	82.3	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 19.476 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.012 min

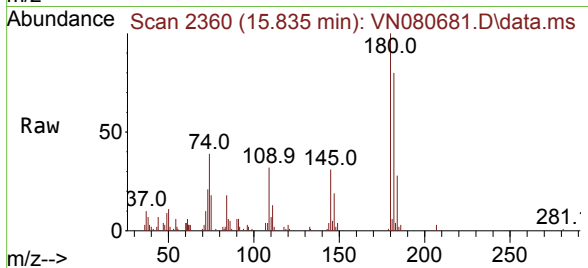
Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :



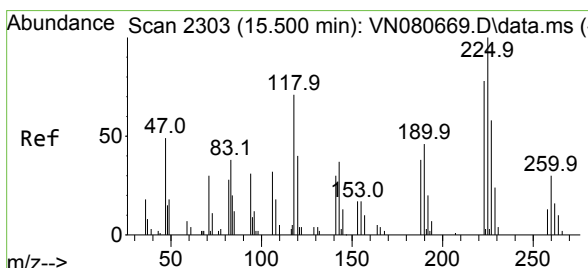
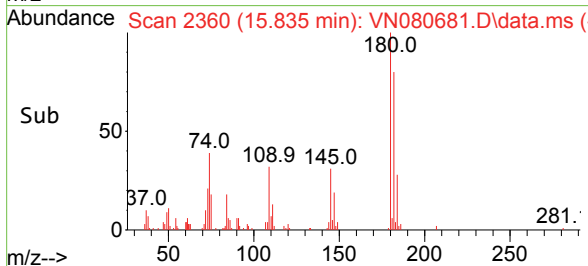
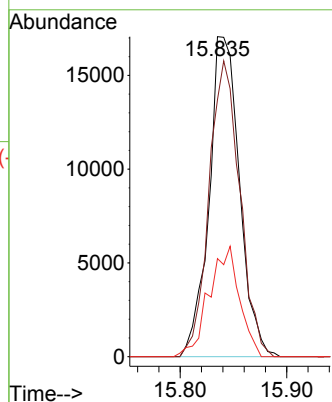
Tgt Ion:180 Resp: 33927

Ion Ratio Lower Upper

180 100

182 93.1 76.4 114.6

145 34.4 28.4 42.6



#90

Hexachlorobutadiene

Concen: 17.991 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

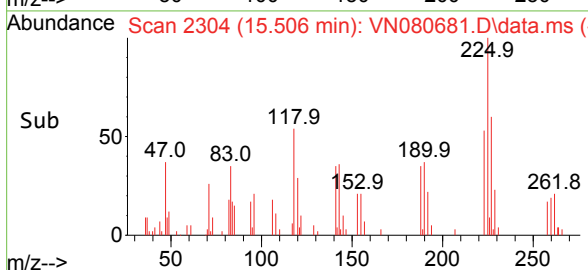
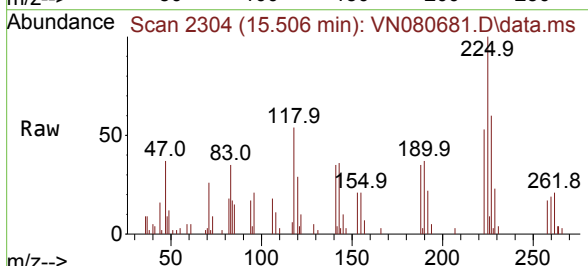
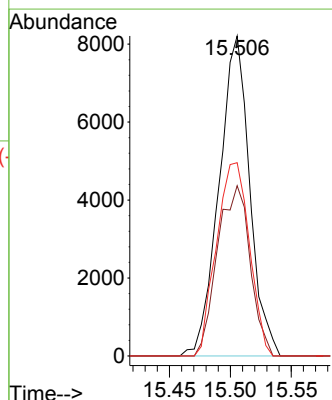
Tgt Ion:225 Resp: 14359

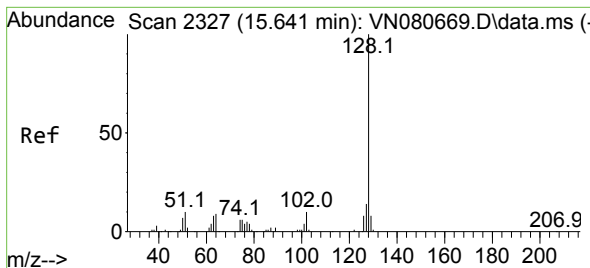
Ion Ratio Lower Upper

225 100

223 56.7 0.0 126.6

227 64.8 0.0 126.6





#91

Naphthalene

Concen: 18.344 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

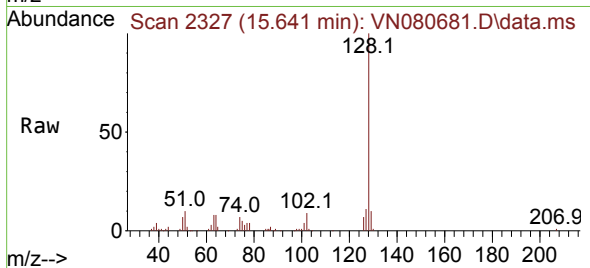
Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :



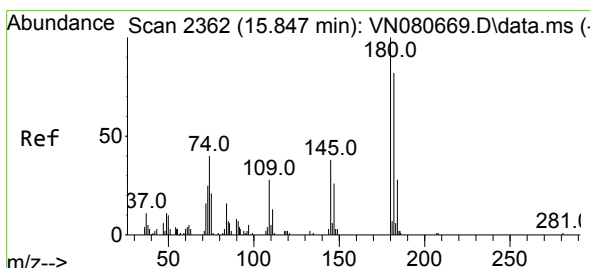
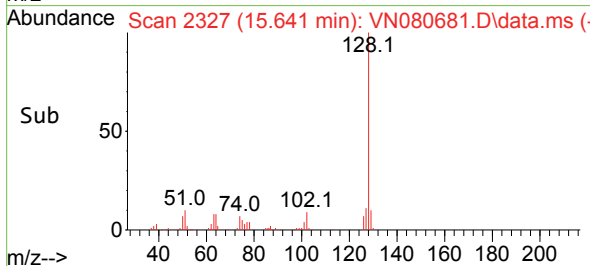
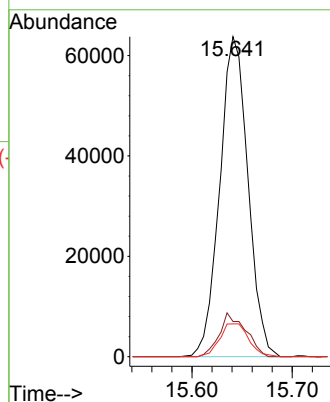
Tgt Ion:128 Resp: 124573

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.6 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.476 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.012 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Tgt Ion:180 Resp: 33927

Ion Ratio Lower Upper

180 100

182 93.1 0.0 191.0

145 34.4 0.0 71.0

