

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081151.D
 Acq On : 23 Feb 2024 09:35
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Feb 24 00:08:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	68771	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	397467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	356506	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	160719	31.102	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.667%			
60) 4-Bromofluorobenzene	12.853	95	170369	31.259	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.200%			
63) Toluene-d8	10.571	98	492941	30.811	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92221	19.722	ug/l	98
3) Chloromethane	2.359	50	94429	20.095	ug/l	98
4) Vinyl Chloride	2.518	62	97820	17.460	ug/l	97
5) Bromomethane	2.965	94	66688	17.721	ug/l	99
6) Chloroethane	3.124	64	65663	17.979	ug/l	96
7) Trichlorofluoromethane	3.500	101	143675	19.474	ug/l	99
8) Diethyl Ether	3.959	74	52432	20.220	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	83130	20.761	ug/l	93
10) 1,1-Dichloroethene	4.342	96	75252	19.175	ug/l	98
11) Methyl Iodide	4.589	142	77585	18.459	ug/l	92
12) Methyl Acetate	5.018	43	87762	24.678	ug/l #	74
13) Acrolein	4.177	56	96738	124.735	ug/l	100
14) Acrylonitrile	5.724	53	203588	115.285	ug/l	90
15) Acetone	4.430	58	36071	88.790	ug/l	99
16) Carbon Disulfide	4.718	76	197110	18.301	ug/l #	94
17) Allyl chloride	5.018	41	112206	22.765	ug/l	91
18) Methylene Chloride	5.277	84	87237	19.451	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	85532	19.198	ug/l	83
20) Diisopropyl ether	6.671	45	268823	22.693	ug/l	96
21) 1,1-Dichloroethane	6.571	63	154825	20.394	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	99286	19.180	ug/l	98
23) tert-Butyl Alcohol	5.518	59	78352	121.793	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	264163	20.304	ug/l	92
25) Chloroform	7.971	83	164483	19.529	ug/l	98
26) Cyclohexane	8.259	56	134842	23.588	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	118498	20.015	ug/l	100
30) 2-Butanone	7.483	43	235194	108.273	ug/l	98
31) 2,2-Dichloropropane	7.488	77	138890	20.604	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	144586	19.413	ug/l	98
33) Carbon Tetrachloride	8.365	117	125047	19.927	ug/l	97
34) Benzene	8.606	78	360429	19.922	ug/l	98
35) Methacrylonitrile	7.777	41	61715	24.172	ug/l	94
36) 1,2-Dichloroethane	8.671	62	122079	20.106	ug/l	98
37) Trichloroethene	9.359	130	91874	19.100	ug/l	99
38) Methylcyclohexane	9.600	83	140635	23.802	ug/l	98
39) 1,2-Dichloropropane	9.624	63	90925	21.188	ug/l	93
40) Dibromomethane	9.706	93	64614	19.790	ug/l	92
41) Bromodichloromethane	9.888	83	123945	19.397	ug/l	93
42) Vinyl Acetate	6.606	43	1090564	117.372	ug/l	98

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC020

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
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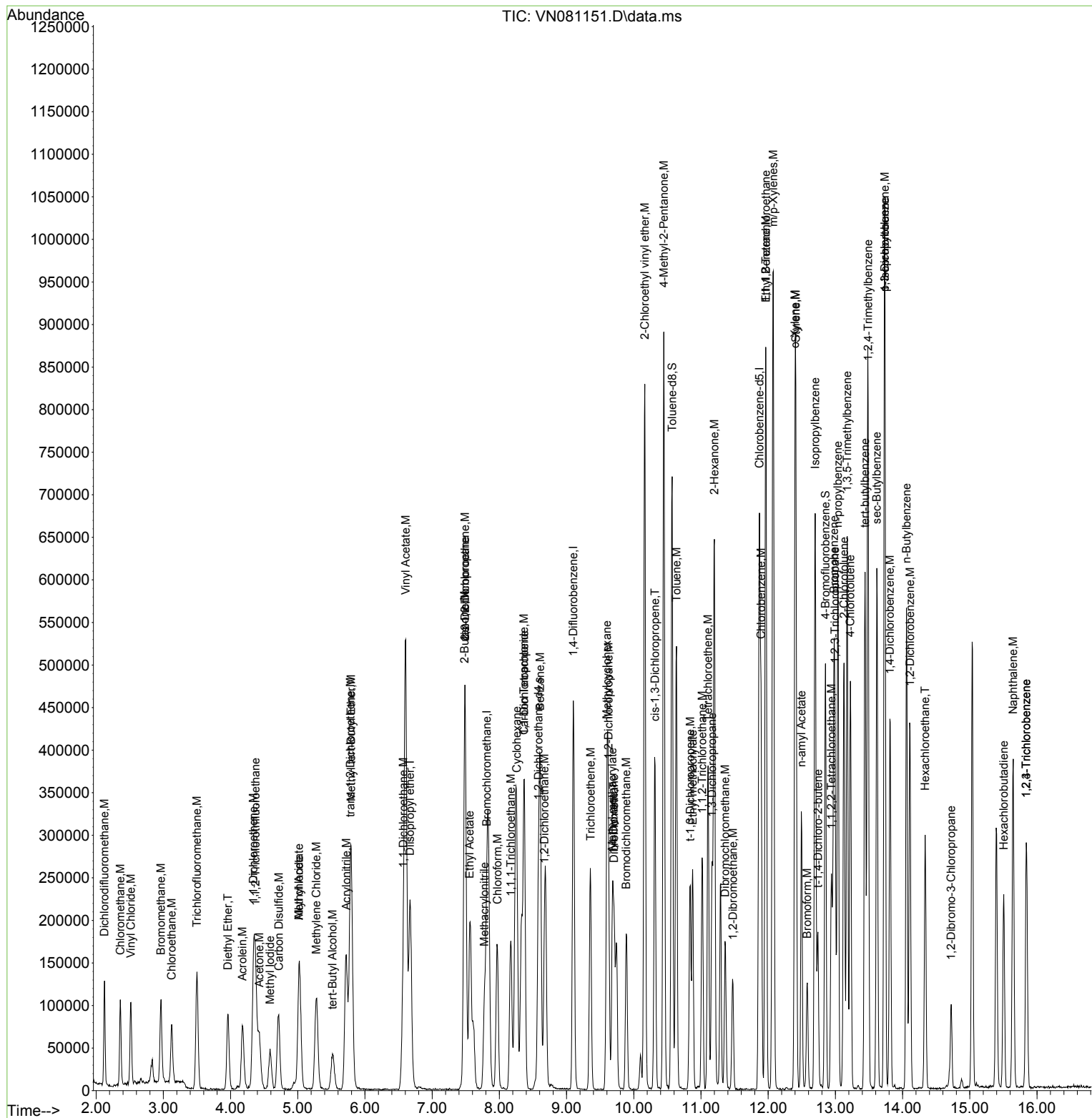
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	116811	25.818	ug/l #	89
45) 1,4-Dioxane	9.700	88	36429	472.492	ug/l	95
46) Methyl methacrylate	9.682	41	90718	24.388	ug/l	85
47) n-amyl Acetate	12.494	43	169732	23.941	ug/l	91
48) t-1,3-Dichloropropene	10.841	75	135049	20.166	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	147333	20.303	ug/l #	92
50) 1,1,2-Trichloroethane	11.018	97	86562	19.161	ug/l	99
51) Ethyl methacrylate	10.876	69	132307	20.955	ug/l	77
52) 1,3-Dichloropropane	11.165	76	153463	20.571	ug/l	98
53) Dibromochloromethane	11.359	129	89145	18.104	ug/l	96
54) 1,2-Dibromoethane	11.476	107	89210	19.088	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	366561	113.288	ug/l	99
56) Bromoform	12.582	173	56225	17.929	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	583821	126.138	ug/l #	90
59) 2-Hexanone	11.200	43	411731	120.947	ug/l	90
61) Tetrachloroethene	11.106	164	81216	19.943	ug/l	89
62) Toluene	10.635	91	393439	20.147	ug/l	100
64) Chlorobenzene	11.894	112	234956	19.644	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	86767	19.557	ug/l	99
66) Ethyl Benzene	11.965	91	425230	20.709	ug/l	100
67) m/p-Xylenes	12.076	106	324494	40.241	ug/l	97
68) o-Xylene	12.400	106	158533	20.061	ug/l	97
69) Styrene	12.412	104	260587	20.030	ug/l	97
70) Isopropylbenzene	12.700	105	417970	21.703	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	125467	21.128	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	162171	34.885	ug/l	61
73) Bromobenzene	12.982	156	92658	19.347	ug/l	97
74) n-propylbenzene	13.035	91	496000	22.662	ug/l	99
75) 2-Chlorotoluene	13.129	91	293134	21.574	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	350869	22.267	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	39278	22.327	ug/l	93
78) 4-Chlorotoluene	13.223	91	285663	20.991	ug/l	96
79) tert-butylbenzene	13.441	119	293701	22.453	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	348788	22.215	ug/l	98
81) sec-Butylbenzene	13.617	105	432608	23.617	ug/l	99
82) p-Isopropyltoluene	13.735	119	352141	22.899	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	176722	20.516	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	178799	20.680	ug/l	98
85) n-Butylbenzene	14.059	91	316622	24.953	ug/l	99
86) Hexachloroethane	14.335	117	59769	24.640	ug/l	84
87) 1,2-Dichlorobenzene	14.112	146	175772	20.959	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	23645	22.060	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	97146	23.679	ug/l	99
90) Hexachlorobutadiene	15.506	225	36963	20.535	ug/l	99
91) Naphthalene	15.647	128	344406	23.642	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	97146	23.679	ug/l	99

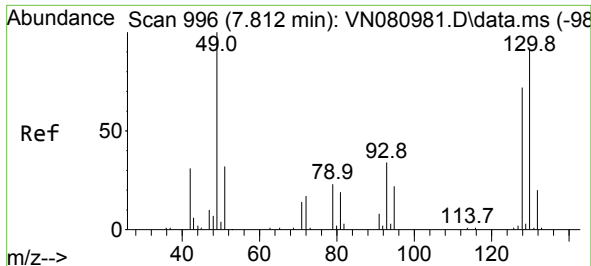
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Sample    : VSTDCCC020
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ALS Vial  : 1      Sample Multiplier: 1
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MSVOA_N
ClientSampleId :
VSTDCCC020

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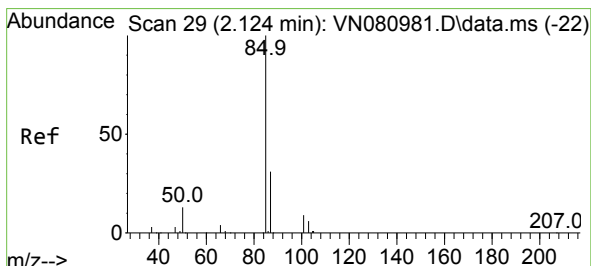
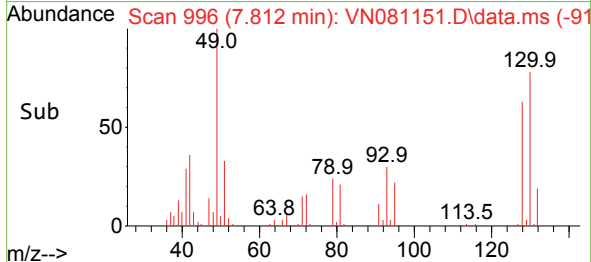
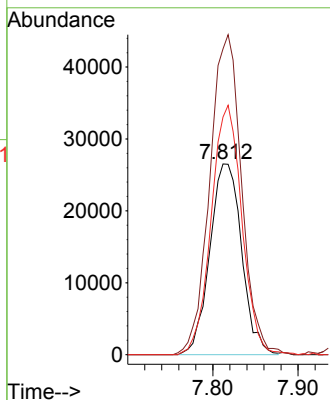
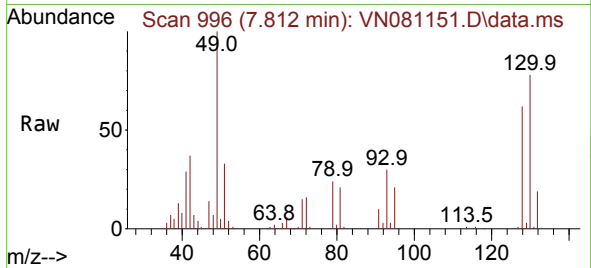




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

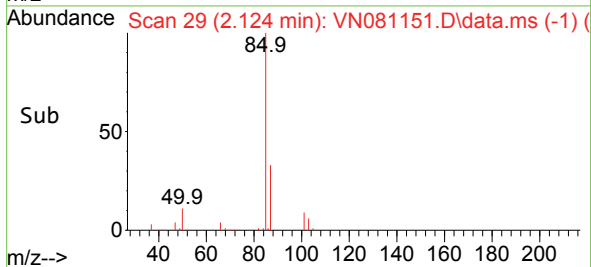
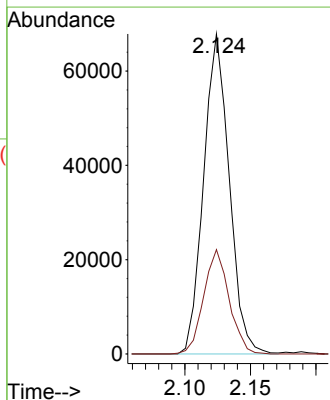
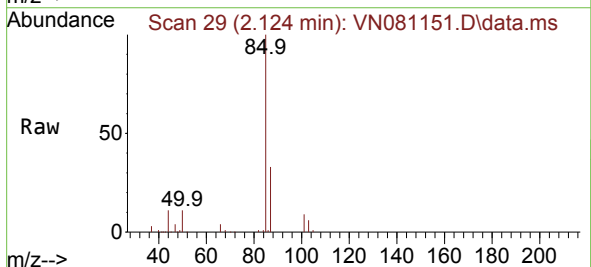
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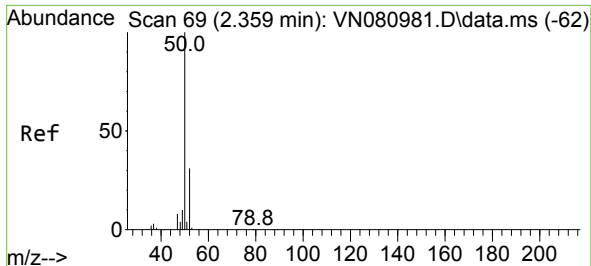
Tgt Ion:128 Resp: 68771
Ion Ratio Lower Upper
128 100
49 166.6 0.0 403.7
130 126.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.722 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 85 Resp: 92221
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3

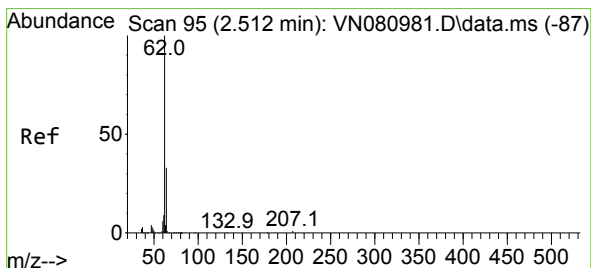
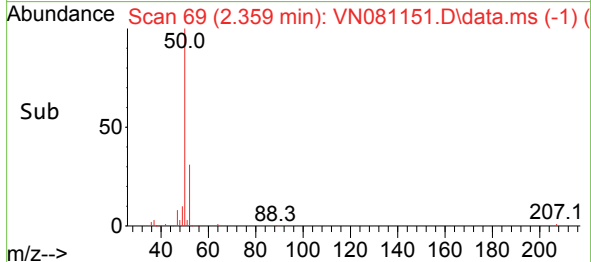
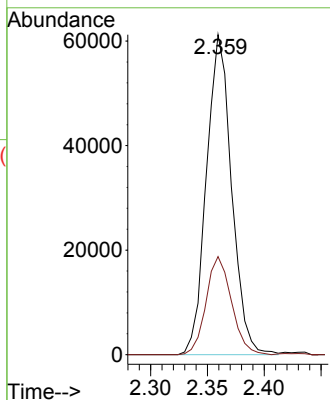
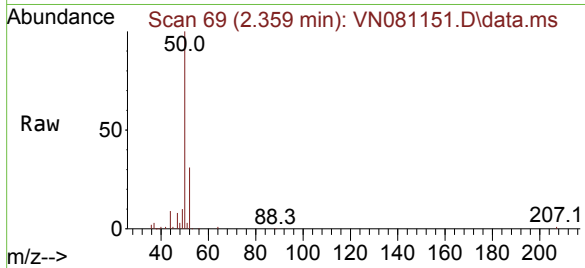




#3
Chloromethane
Concen: 20.095 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

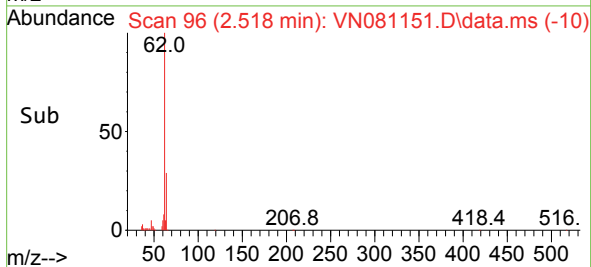
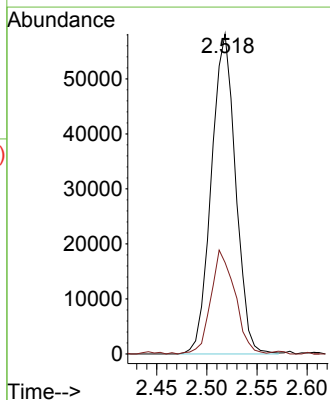
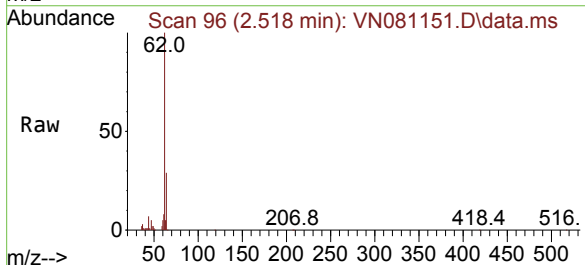
Instrument :
MSVOA_N
ClientSampleId :
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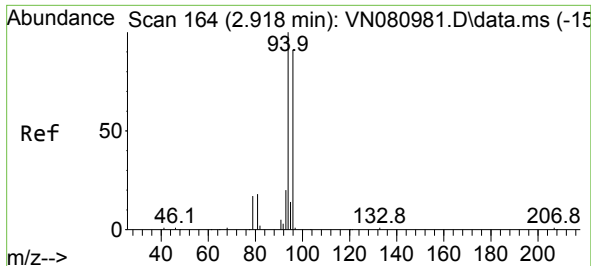
Tgt Ion: 50 Resp: 94429
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.0



#4
Vinyl Chloride
Concen: 17.460 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 62 Resp: 97820
Ion Ratio Lower Upper
62 100
64 28.6 24.1 36.1

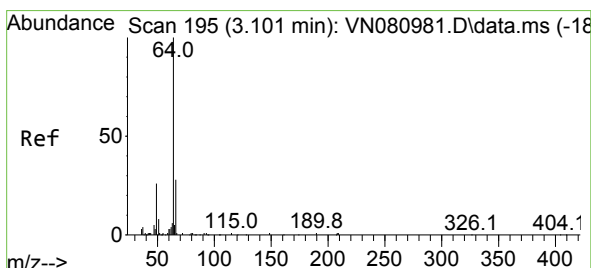
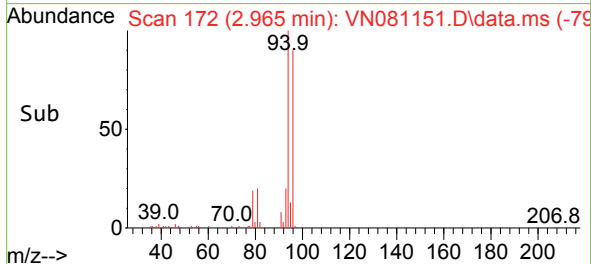
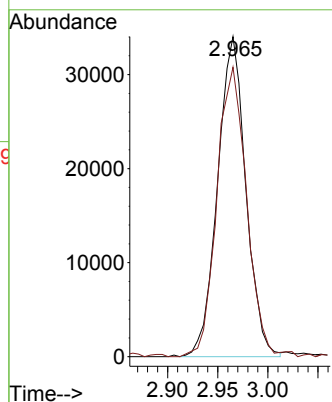
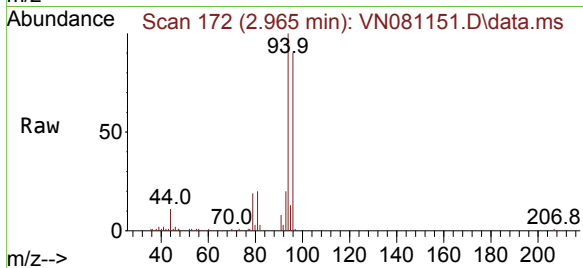




#5
Bromomethane
Concen: 17.721 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

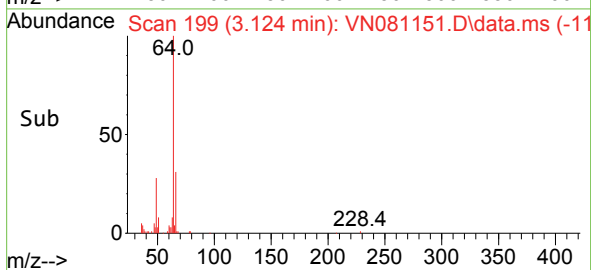
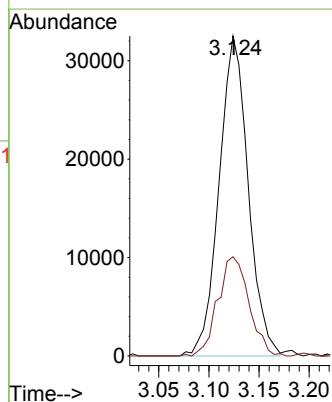
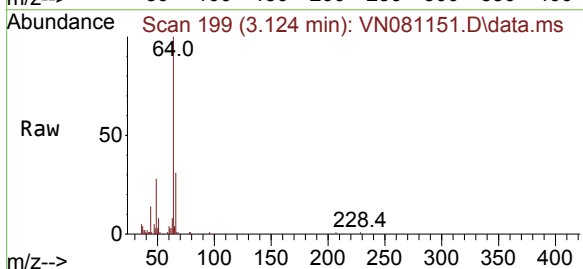
Instrument :
MSVOA_N
ClientSampleId :
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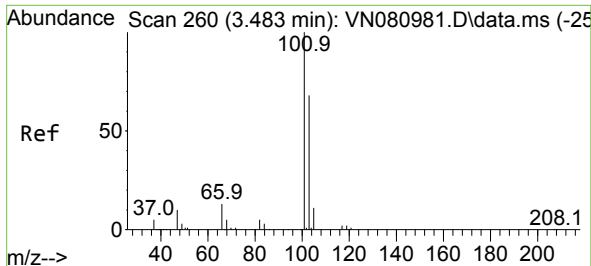
Tgt Ion: 94 Resp: 66688
Ion Ratio Lower Upper
94 100
96 90.5 72.8 109.2



#6
Chloroethane
Concen: 17.979 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 64 Resp: 65663
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

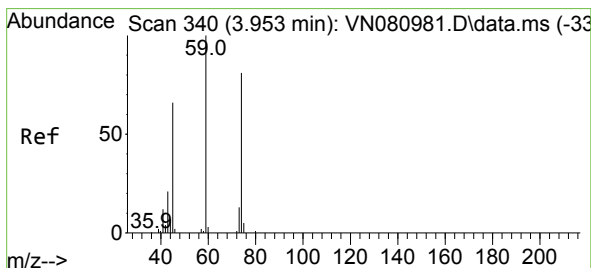
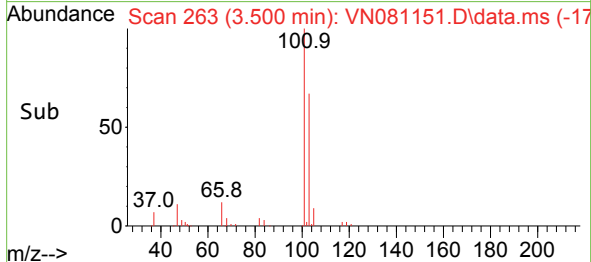
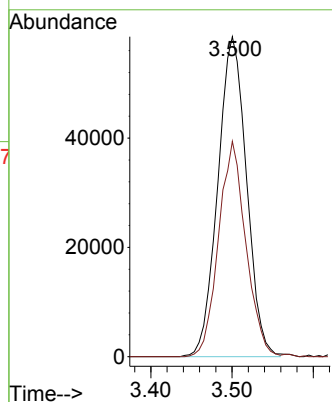
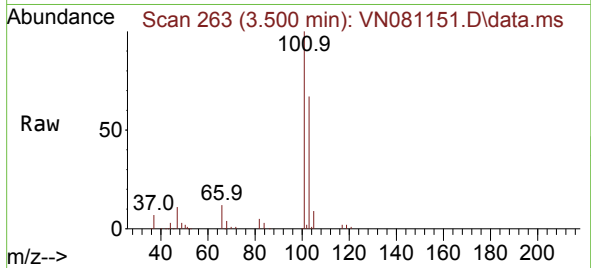




#7
 Trichlorofluoromethane
 Concen: 19.474 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: VN081151.D
 Acq: 23 Feb 2024 09:35

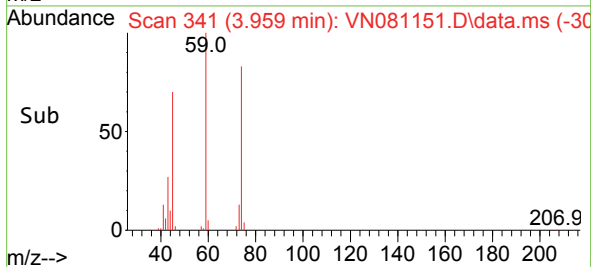
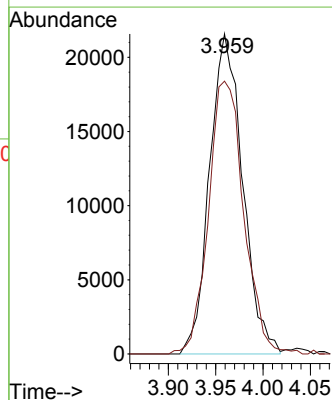
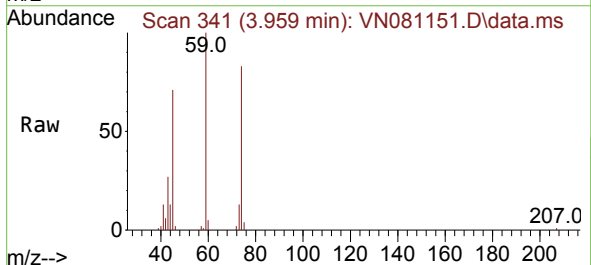
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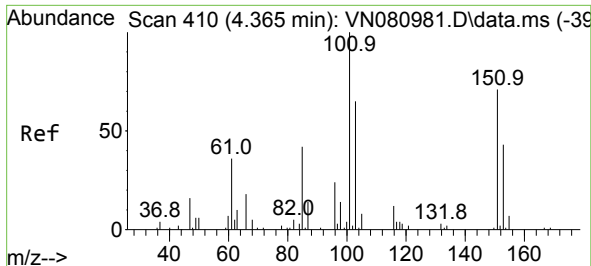
Tgt Ion:101 Resp: 143675
 Ion Ratio Lower Upper
 101 100
 103 67.3 53.0 79.4



#8
 Diethyl Ether
 Concen: 20.220 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081151.D
 Acq: 23 Feb 2024 09:35

Tgt Ion: 74 Resp: 52432
 Ion Ratio Lower Upper
 74 100
 45 90.7 16.4 147.4

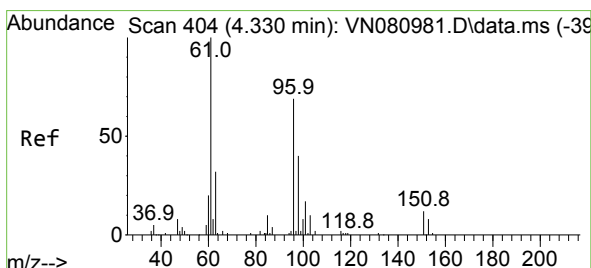
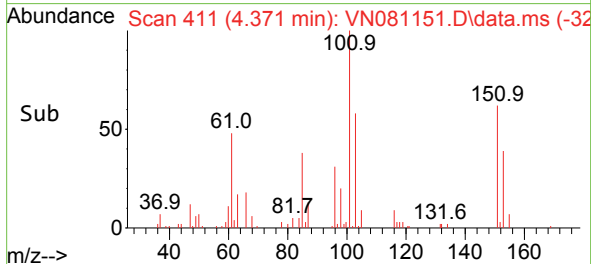
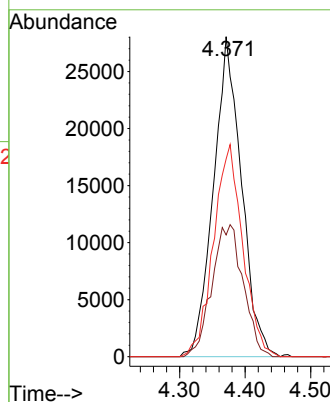
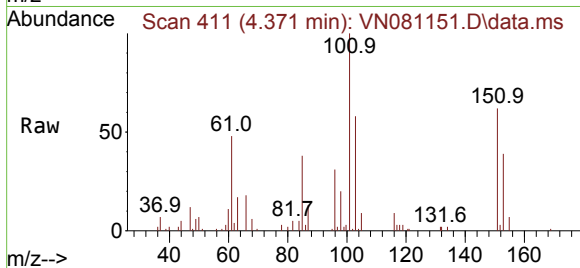




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.761 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

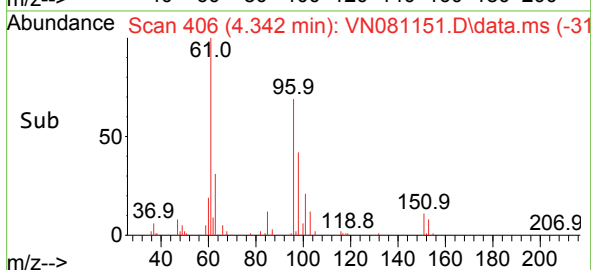
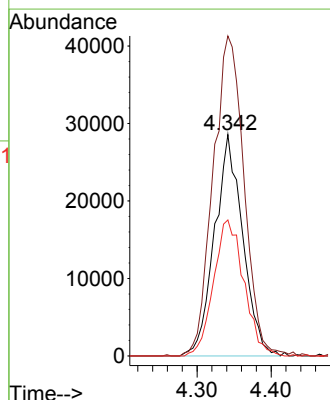
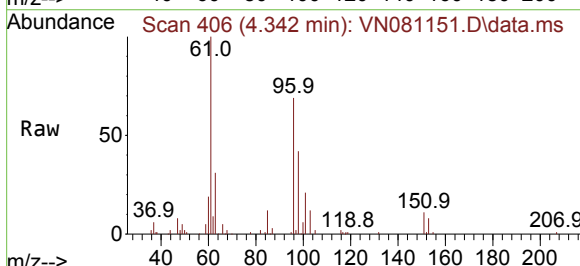
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

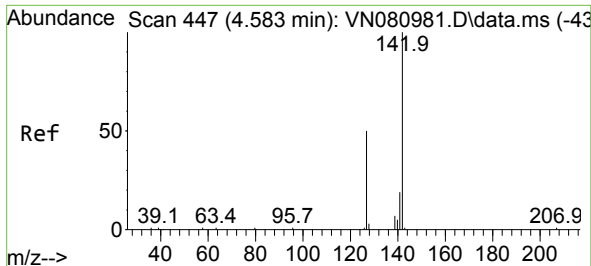
Tgt Ion:101 Resp: 83130
Ion Ratio Lower Upper
101 100
85 46.2 0.0 90.6
151 69.3 0.0 157.6



#10
1,1-Dichloroethene
Concen: 19.175 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 96 Resp: 75252
Ion Ratio Lower Upper
96 100
61 144.5 117.6 176.4
98 61.4 48.4 72.6

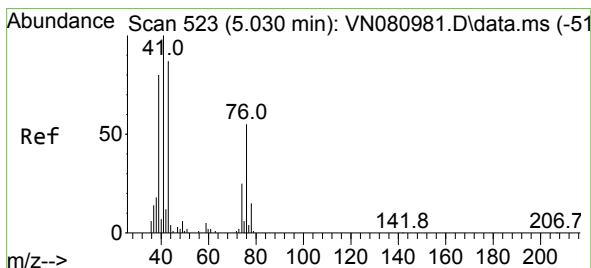
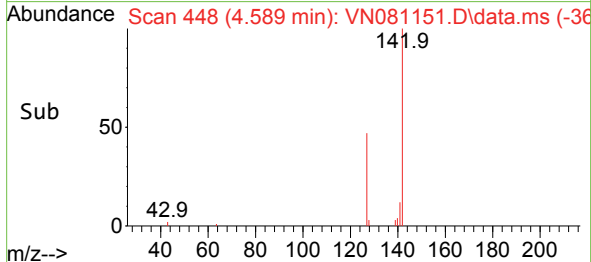
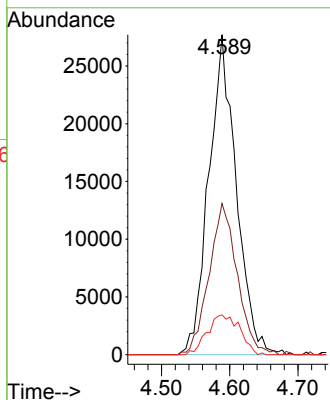
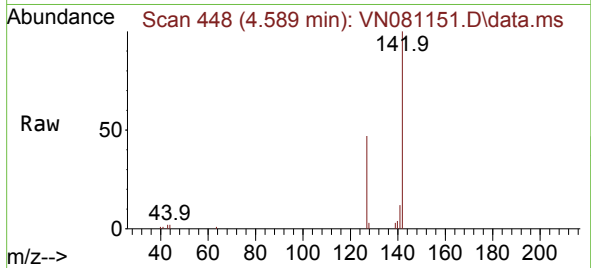




#11
Methyl Iodide
Concen: 18.459 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

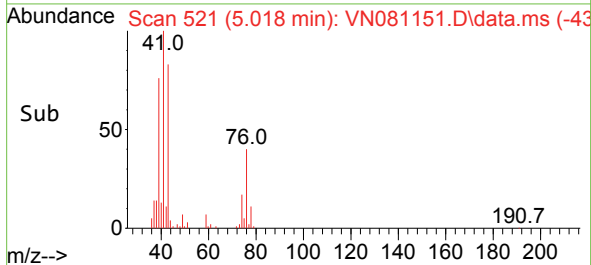
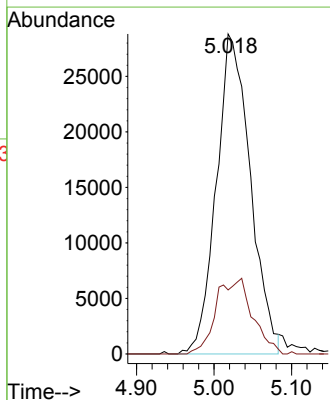
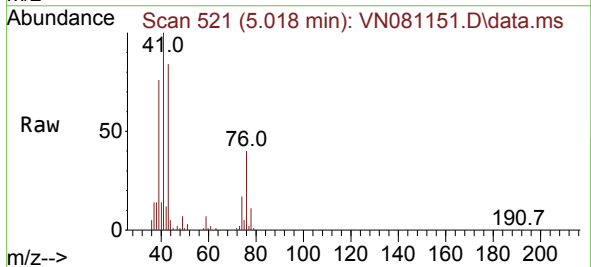
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

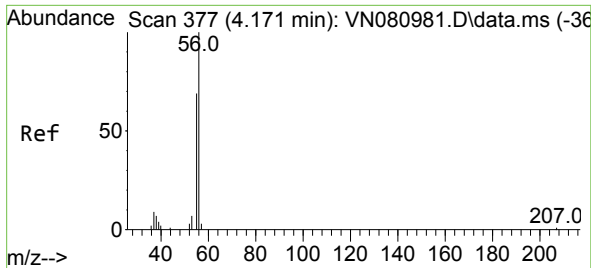
Tgt Ion:142 Resp: 77585
Ion Ratio Lower Upper
142 100
127 47.5 26.3 78.9
141 12.5 8.3 24.9



#12
Methyl Acetate
Concen: 24.678 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 43 Resp: 87762
Ion Ratio Lower Upper
43 100
74 19.8 27.7 41.5#

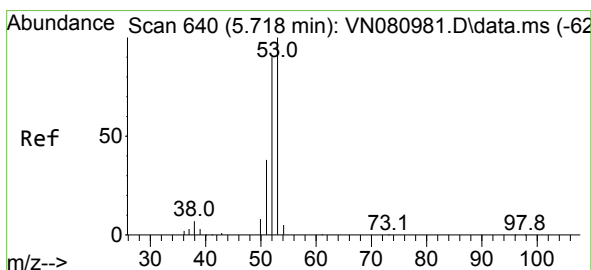
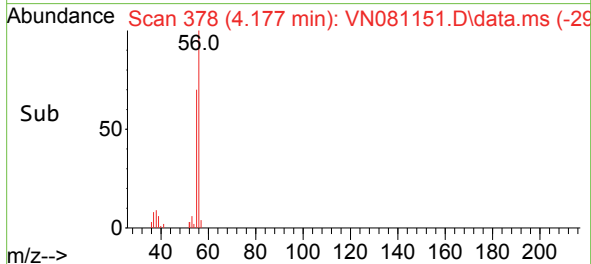
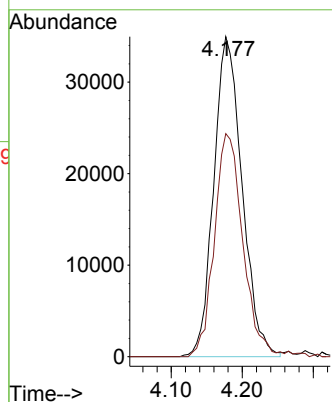
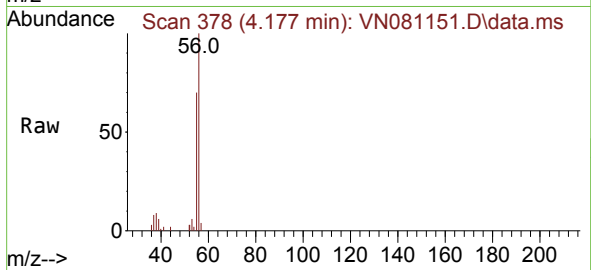




#13
Acrolein
Concen: 124.735 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

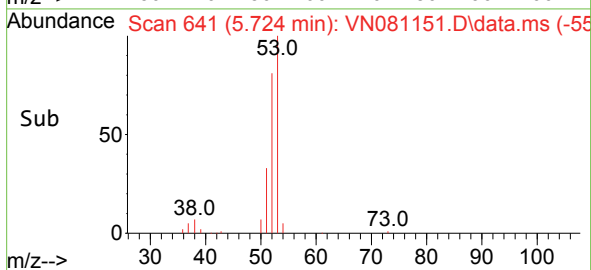
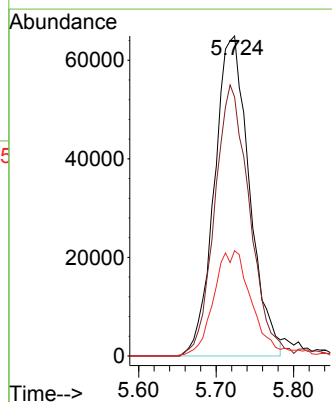
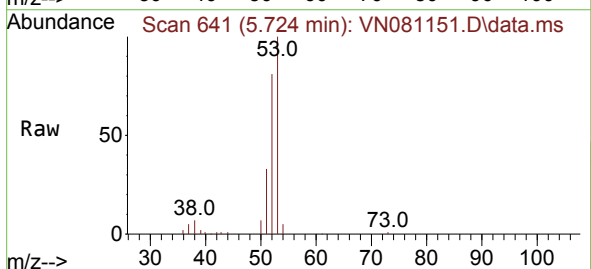
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

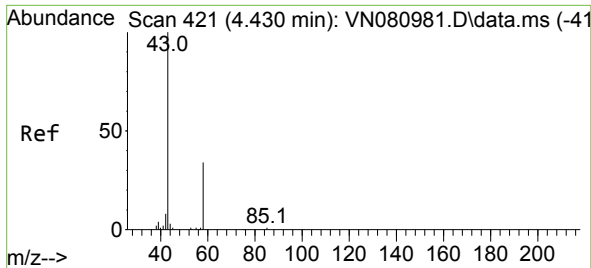
Tgt Ion: 56 Resp: 96738
Ion Ratio Lower Upper
56 100
55 69.7 55.5 83.3



#14
Acrylonitrile
Concen: 115.285 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 53 Resp: 203588
Ion Ratio Lower Upper
53 100
52 84.5 41.3 123.9
51 17.1 16.8 50.3





#15

Acetone

Concen: 88.790 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

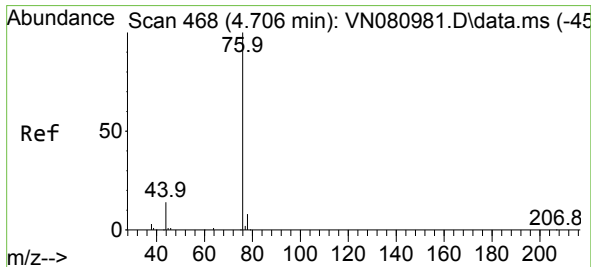
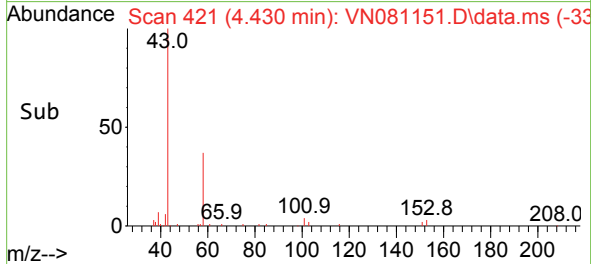
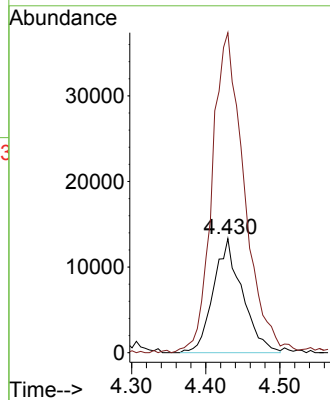
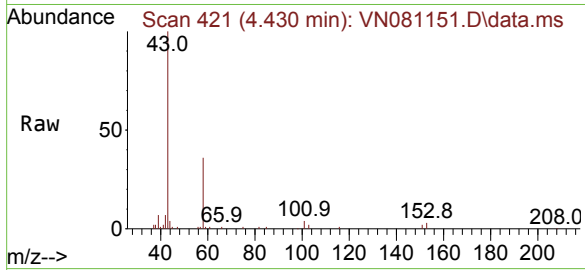
VSTDCCC020

Tgt Ion: 58 Resp: 36071

Ion Ratio Lower Upper

58 100

43 277.2 223.1 334.7



#16

Carbon Disulfide

Concen: 18.301 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN081151.D

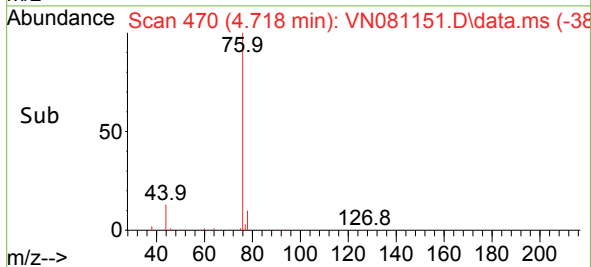
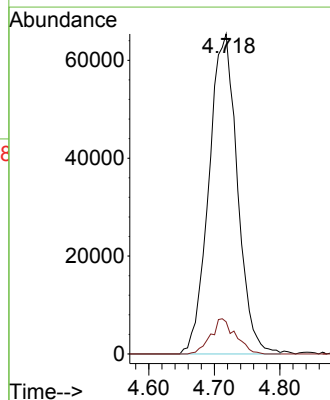
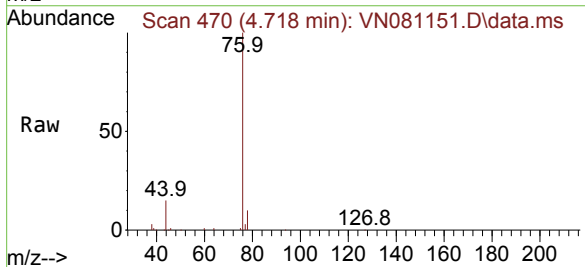
Acq: 23 Feb 2024 09:35

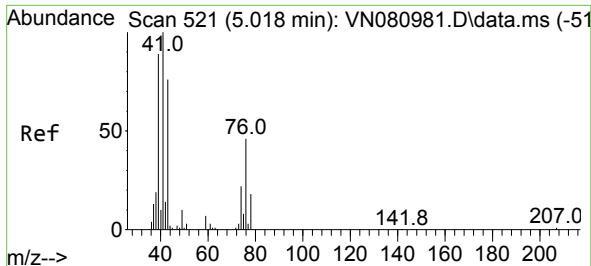
Tgt Ion: 76 Resp: 197110

Ion Ratio Lower Upper

76 100

78 10.0 6.3 9.5#

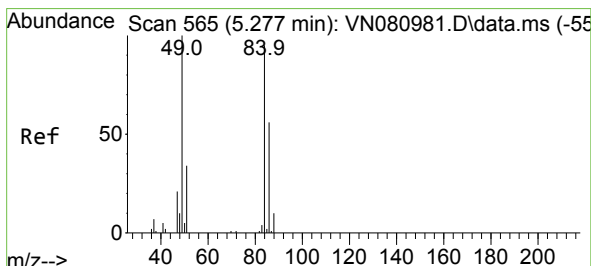
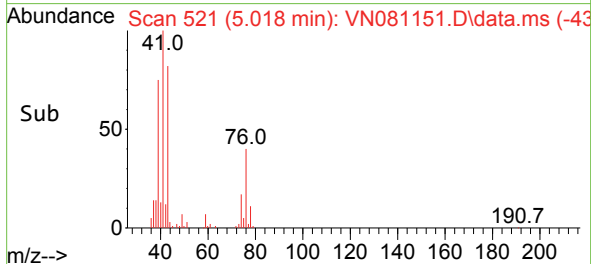
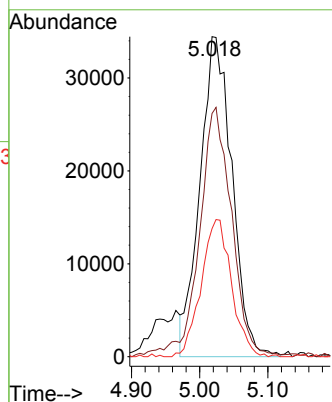
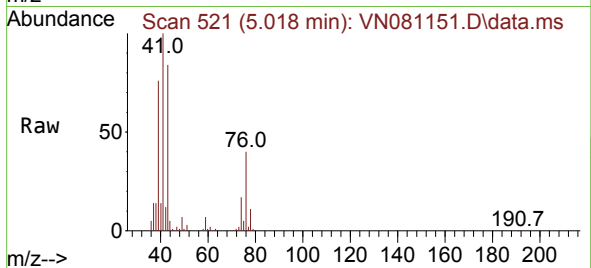




#17
 Allyl chloride
 Concen: 22.765 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN081151.D
 Acq: 23 Feb 2024 09:35

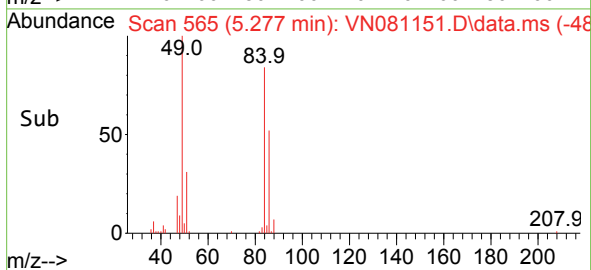
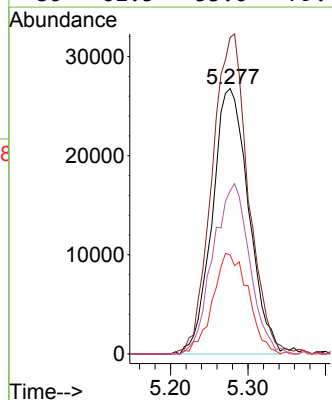
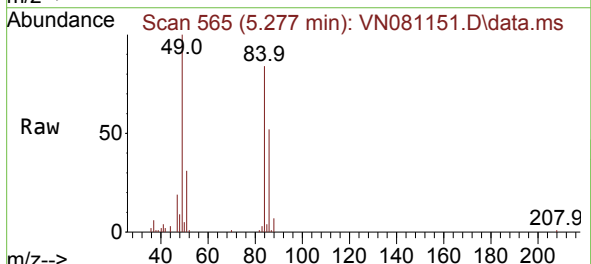
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

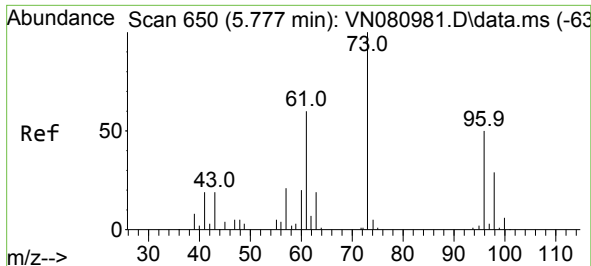
Tgt Ion:	41	Resp:	112206
Ion	Ratio	Lower	Upper
41	100		
39	75.9	37.6	112.9
76	40.2	27.8	83.4



#18
 Methylene Chloride
 Concen: 19.451 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN081151.D
 Acq: 23 Feb 2024 09:35

Tgt Ion:	84	Resp:	87237
Ion	Ratio	Lower	Upper
84	100		
49	117.8	86.0	129.0
51	37.3	30.0	45.0
86	61.5	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 19.198 ug/l

RT: 5.783 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

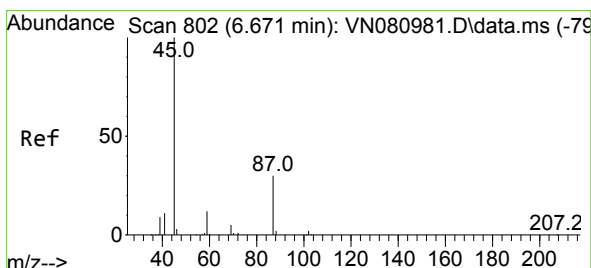
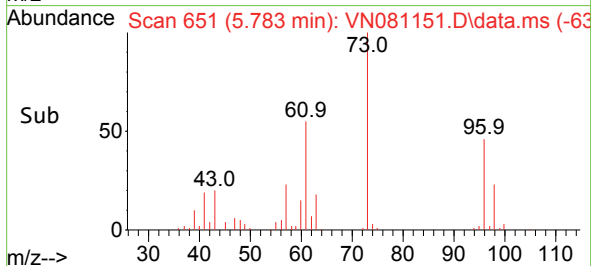
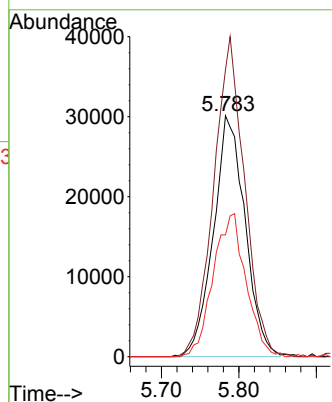
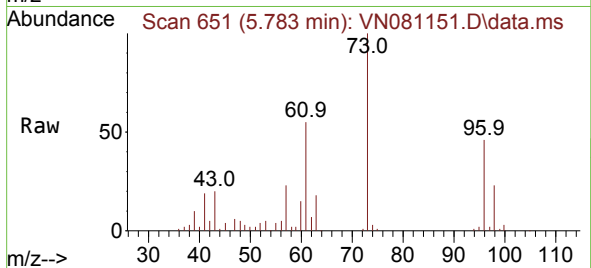
Tgt Ion: 96 Resp: 85532

Ion Ratio Lower Upper

96 100

61 118.4 111.8 167.6

98 50.5 49.2 73.8



#20

Diisopropyl ether

Concen: 22.693 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Tgt Ion: 45 Resp: 268823

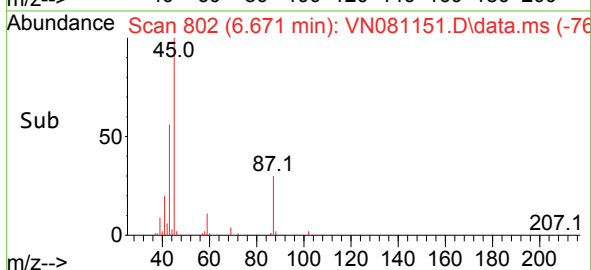
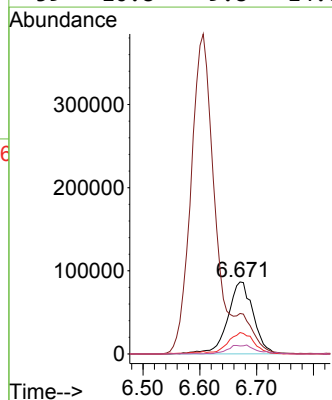
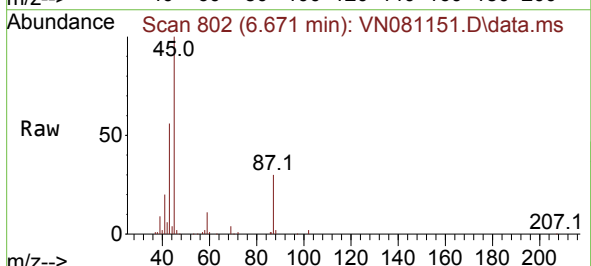
Ion Ratio Lower Upper

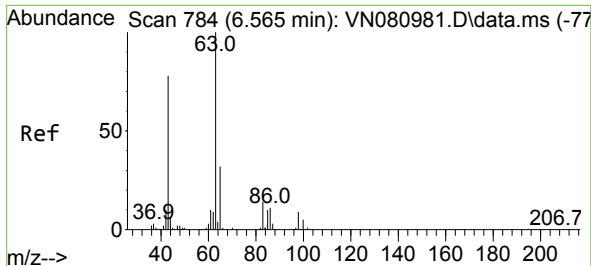
45 100

43 54.8 40.4 60.6

87 29.5 23.8 35.8

59 10.8 9.8 14.6

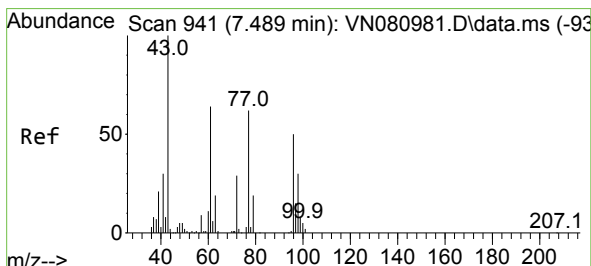
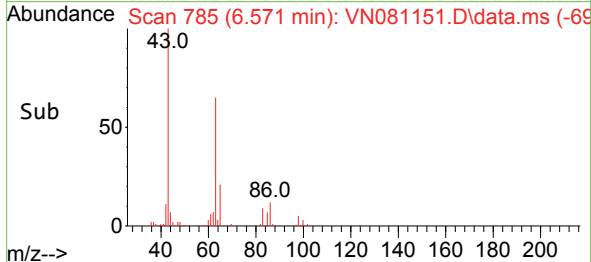
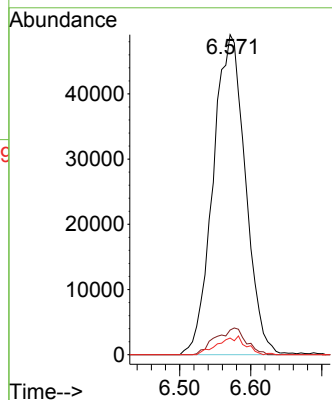
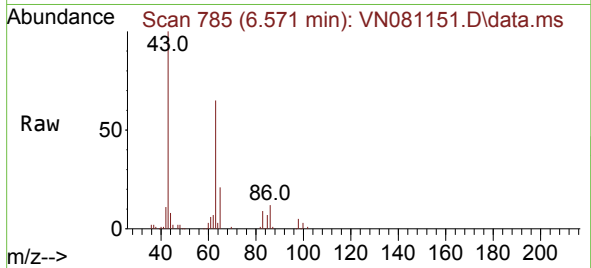




#21
1,1-Dichloroethane
Concen: 20.394 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

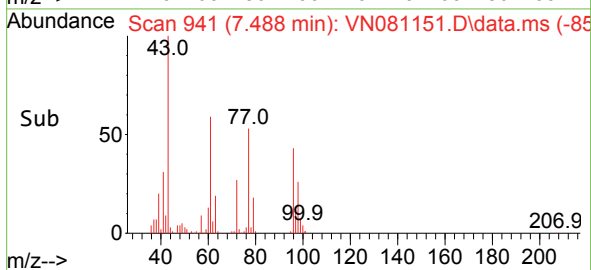
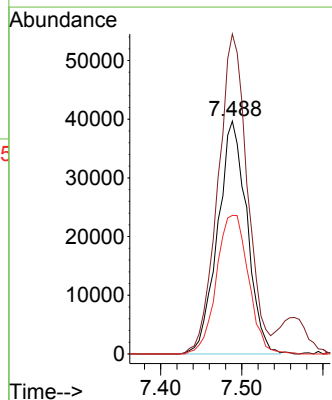
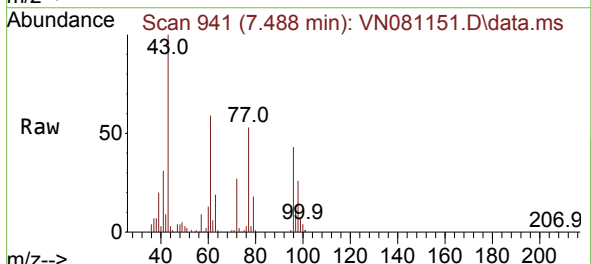
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

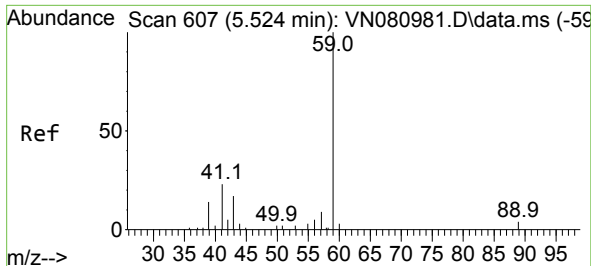
Tgt Ion: 63 Resp: 154825
Ion Ratio Lower Upper
63 100
98 7.7 4.1 12.3
100 5.2 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.180 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 96 Resp: 99286
Ion Ratio Lower Upper
96 100
61 138.2 113.5 170.3
98 65.2 52.0 78.0

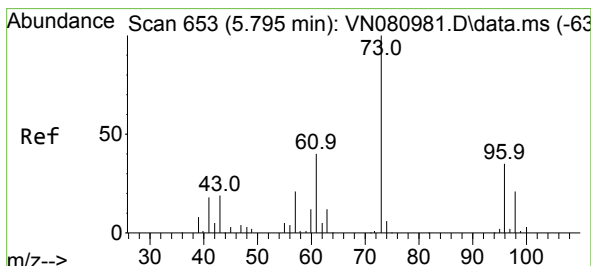
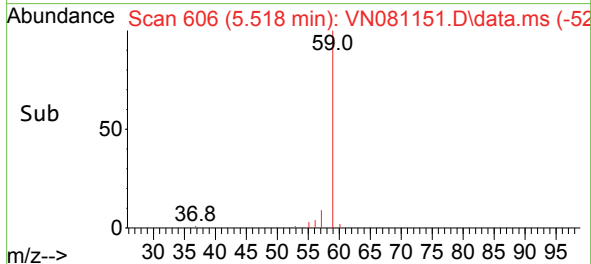
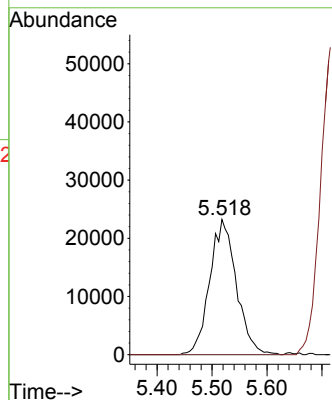
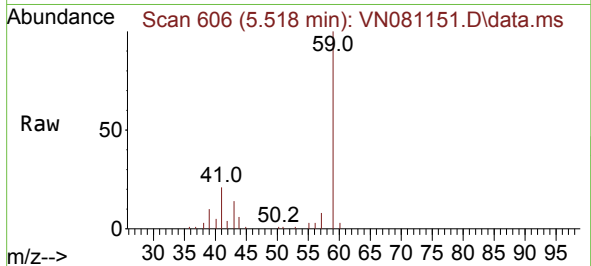




#23
tert-Butyl Alcohol
Concen: 121.793 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

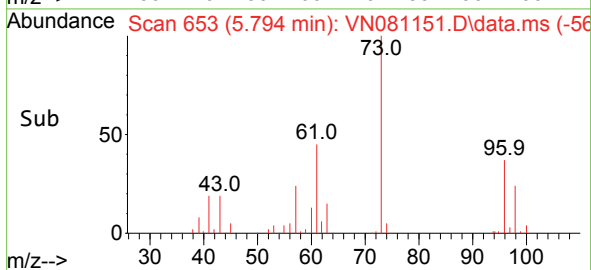
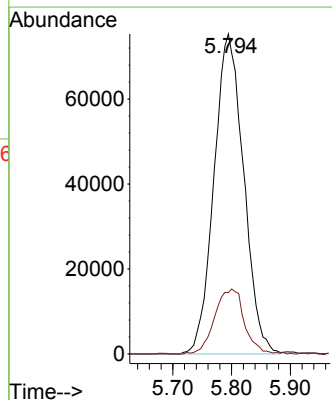
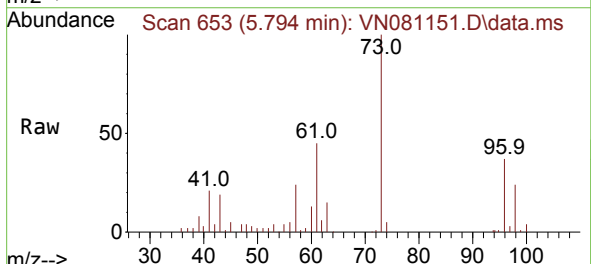
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

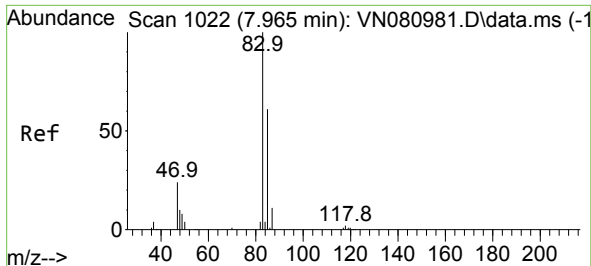
Tgt Ion: 59 Resp: 78352
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.304 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 73 Resp: 264163
Ion Ratio Lower Upper
73 100
43 20.0 13.4 20.2

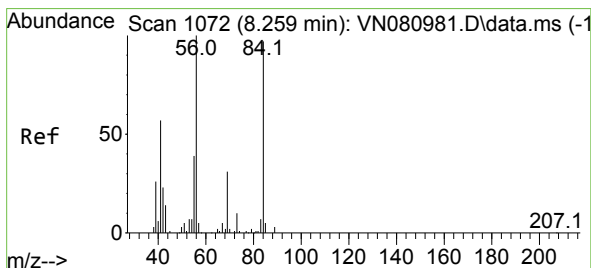
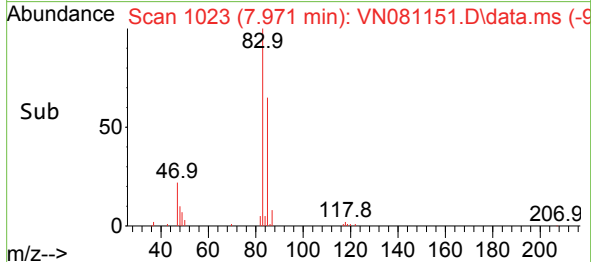
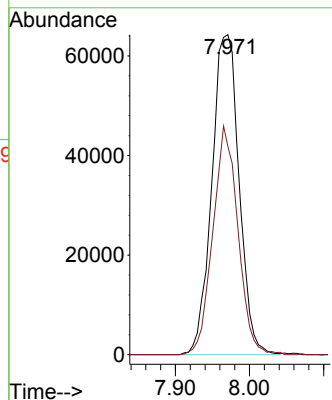
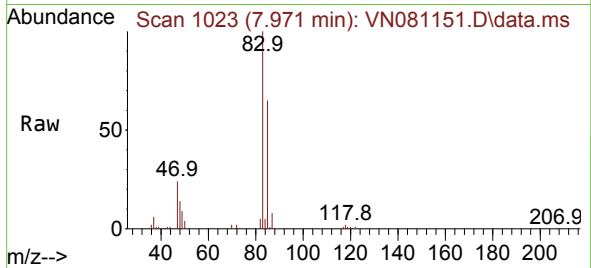




#25
Chloroform
Concen: 19.529 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

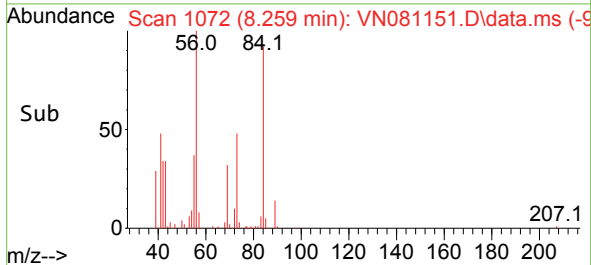
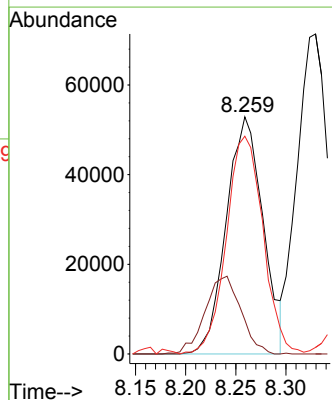
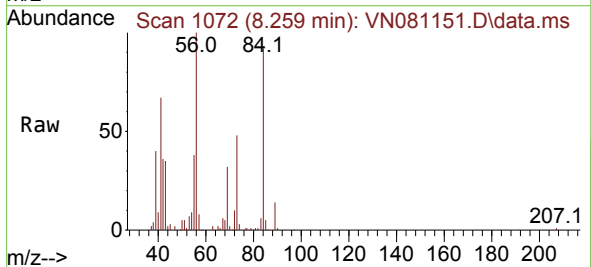
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

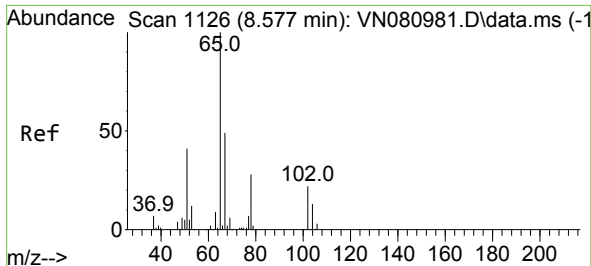
Tgt Ion: 83 Resp: 164483
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3



#26
Cyclohexane
Concen: 23.588 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 56 Resp: 134842
Ion Ratio Lower Upper
56 100
89 31.8 19.3 28.9#
84 91.7 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 31.102 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

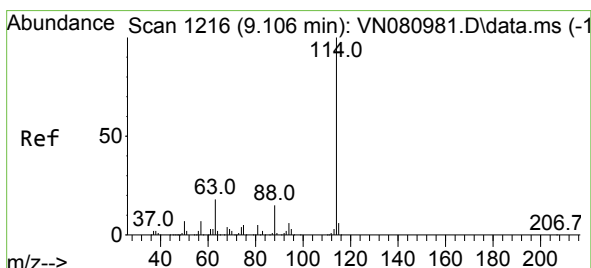
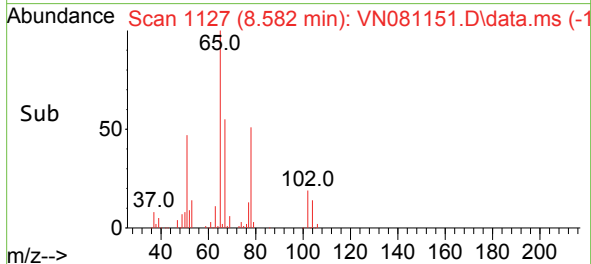
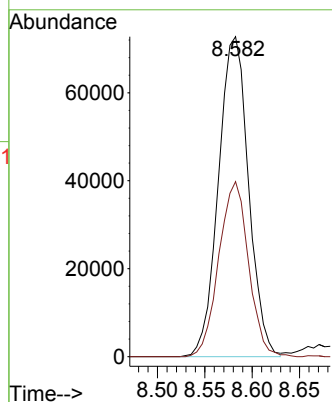
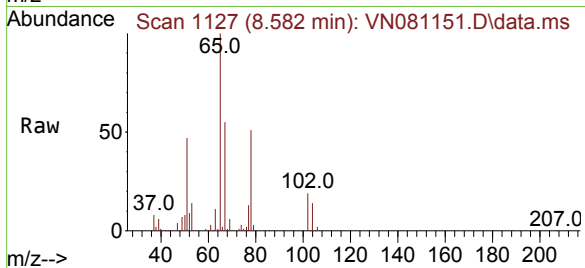
VSTDCCC020

Tgt Ion: 65 Resp: 160719

Ion Ratio Lower Upper

65 100

67 53.9 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

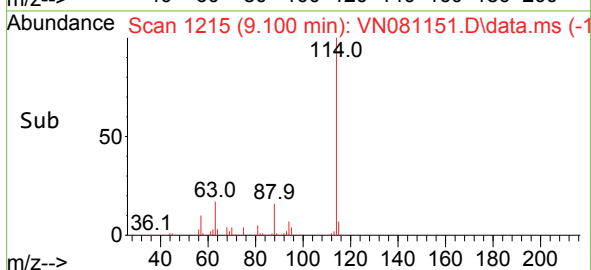
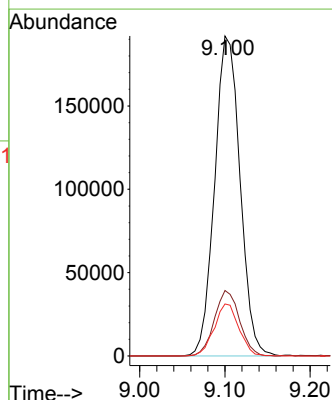
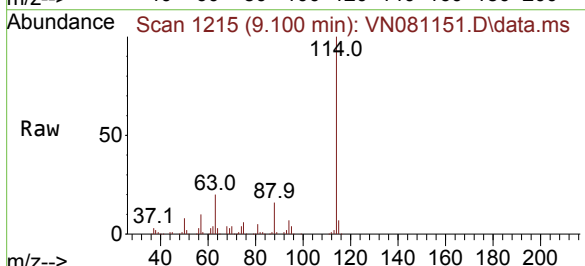
Tgt Ion: 114 Resp: 397467

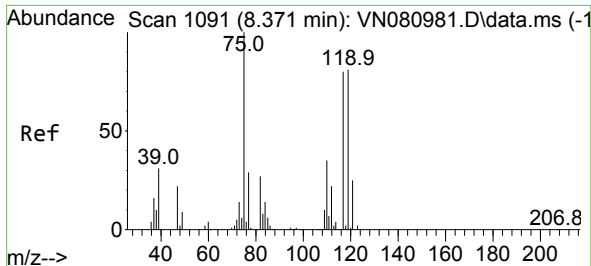
Ion Ratio Lower Upper

114 100

63 20.3 15.9 23.9

88 15.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.015 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

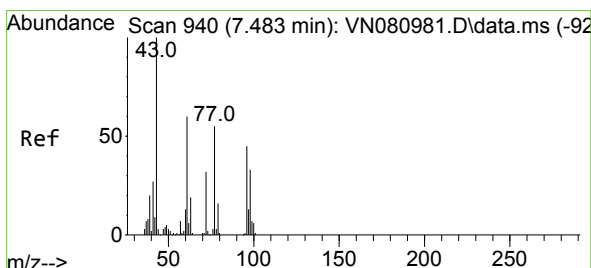
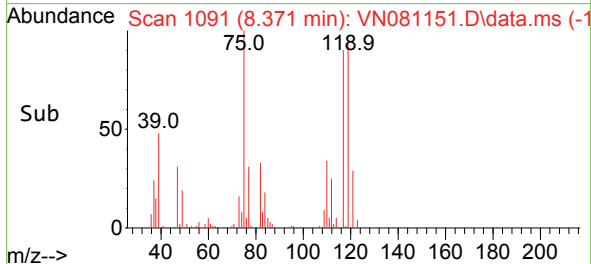
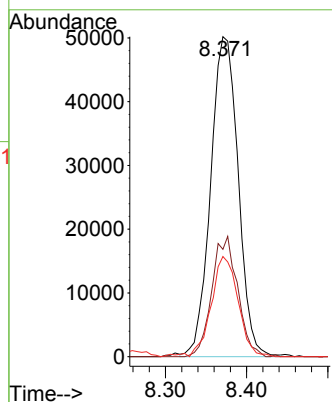
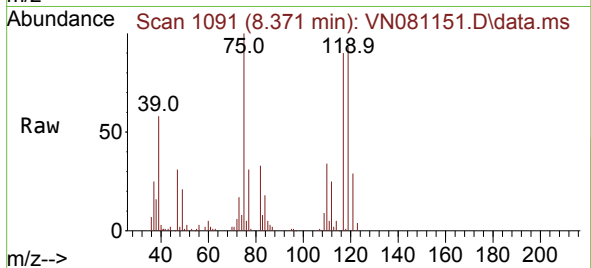
Tgt Ion: 75 Resp: 118498

Ion Ratio Lower Upper

75 100

110 35.1 0.0 70.2

77 30.3 0.0 61.4



#30

2-Butanone

Concen: 108.273 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

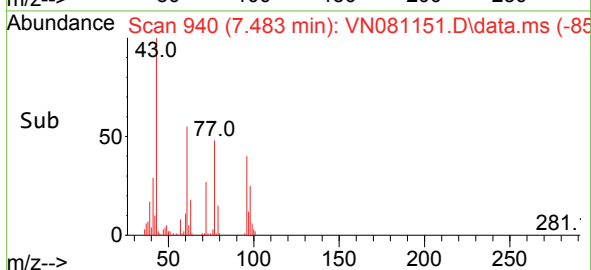
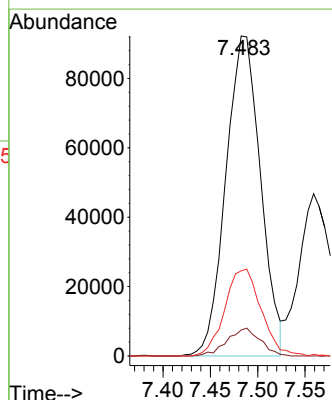
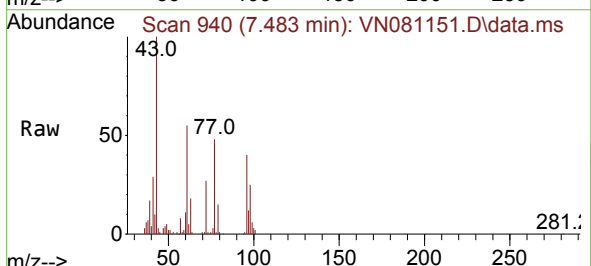
Tgt Ion: 43 Resp: 235194

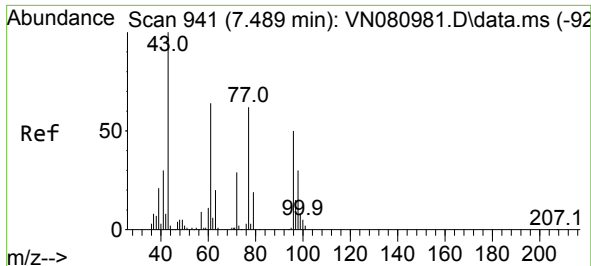
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 28.4 24.0 36.0

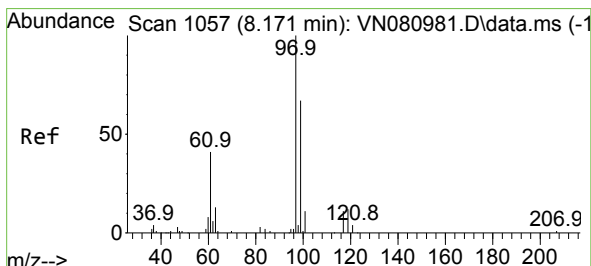
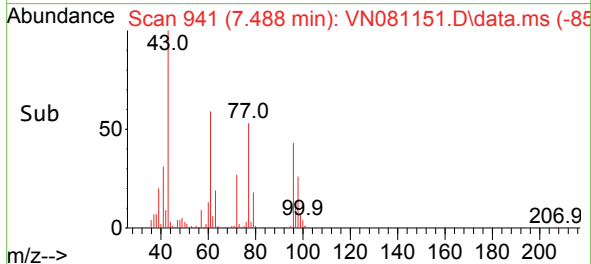
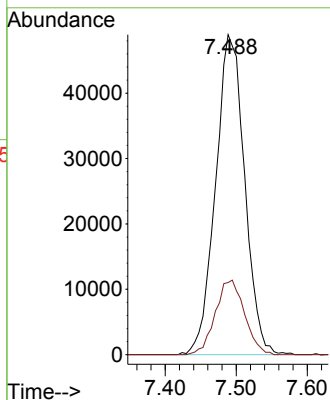
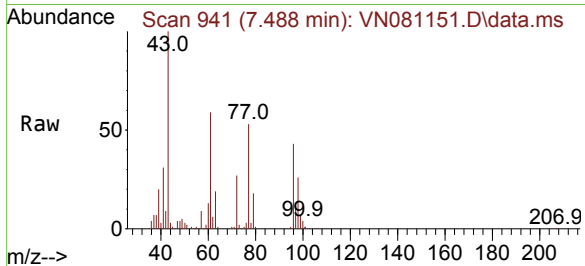




#31
2,2-Dichloropropane
Concen: 20.604 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

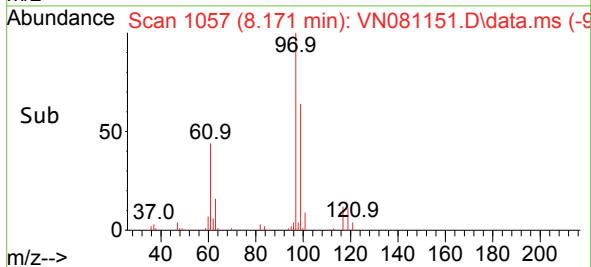
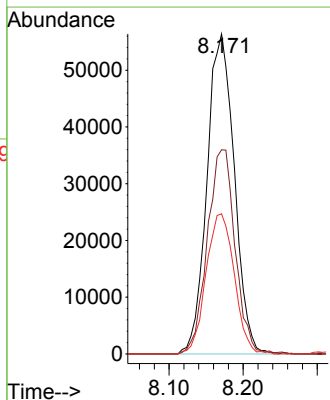
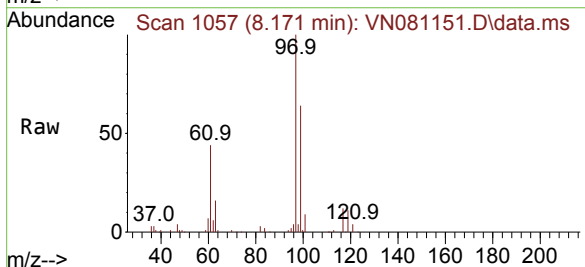
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

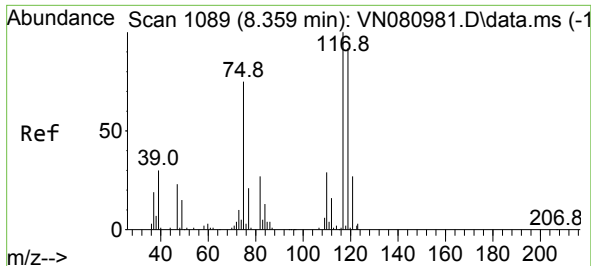
Tgt Ion: 77 Resp: 138890
Ion Ratio Lower Upper
77 100
97 23.5 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.413 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 97 Resp: 144586
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 44.9 33.8 50.8

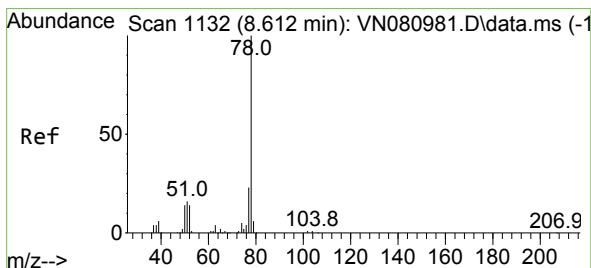
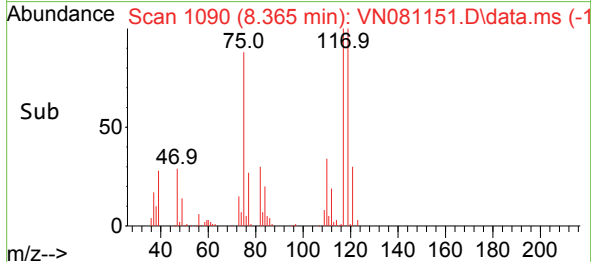
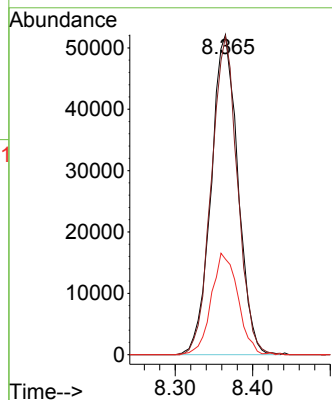
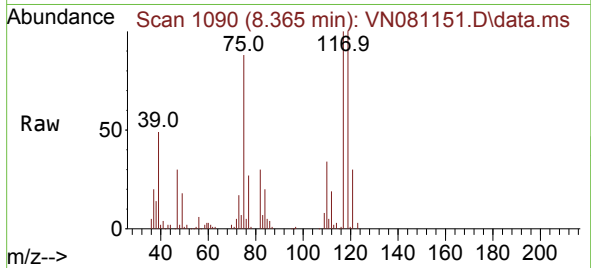




#33
Carbon Tetrachloride
Concen: 19.927 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

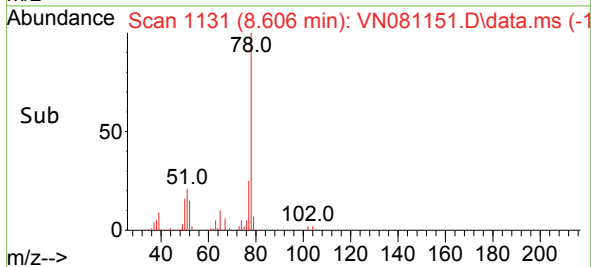
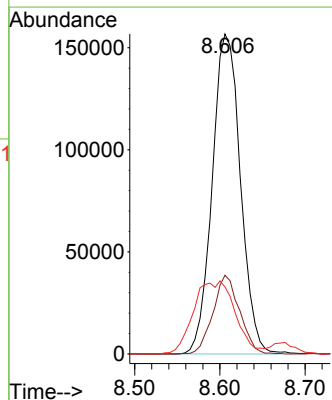
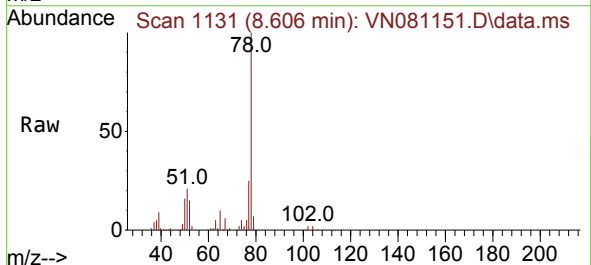
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

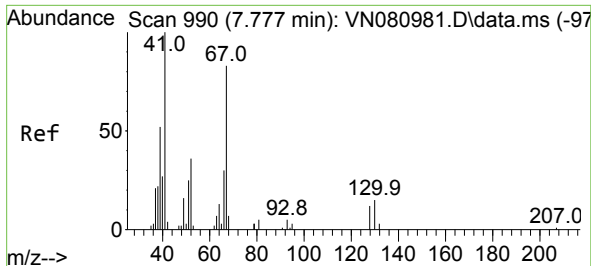
Tgt Ion:117 Resp: 125047
Ion Ratio Lower Upper
117 100
119 99.1 77.7 116.5
121 29.9 27.0 40.6



#34
Benzene
Concen: 19.922 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 78 Resp: 360429
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 17.7 13.3 19.9

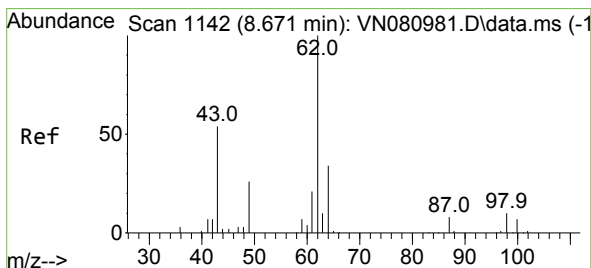
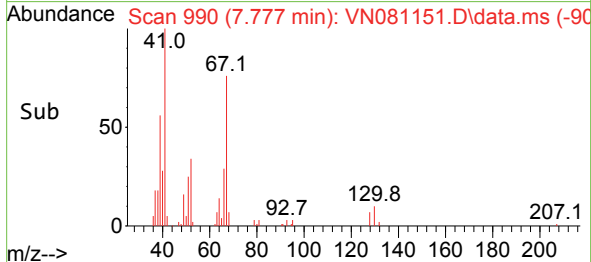
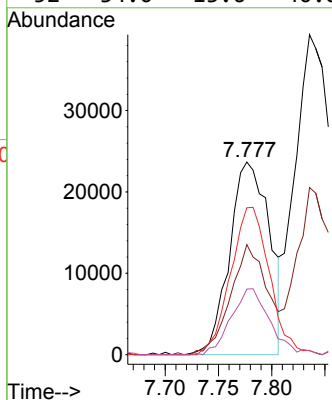
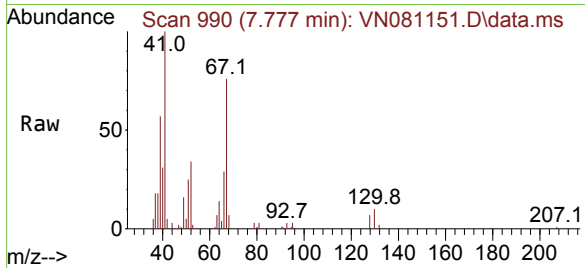




#35
Methacrylonitrile
Concen: 24.172 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

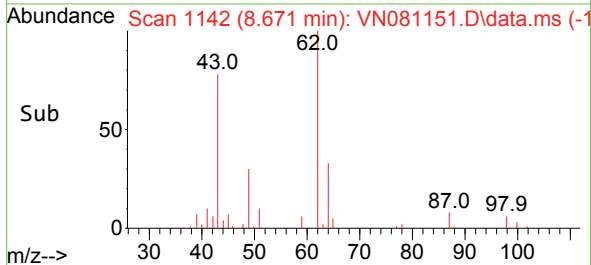
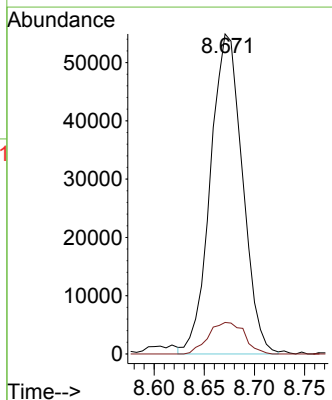
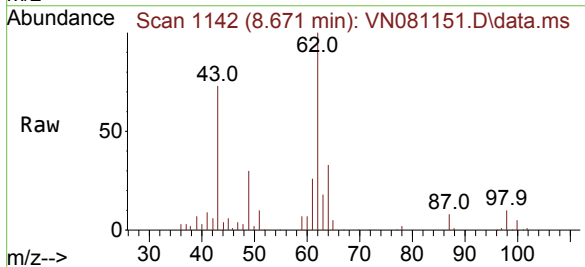
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

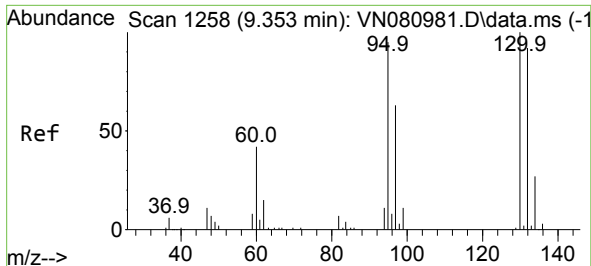
Tgt Ion:	41	Resp:	61715
Ion	Ratio	Lower	Upper
41	100		
39	56.2	25.3	75.9
67	76.3	38.7	116.1
52	34.0	13.6	40.8



#36
1,2-Dichloroethane
Concen: 20.106 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:	62	Resp:	122079
Ion	Ratio	Lower	Upper
62	100		
98	11.1	8.2	12.4

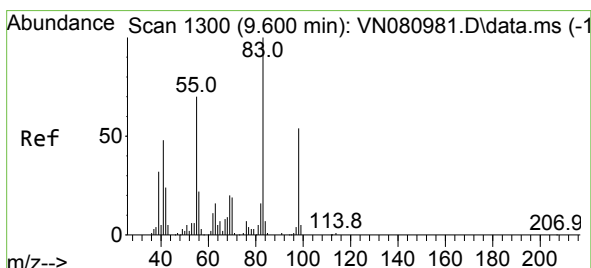
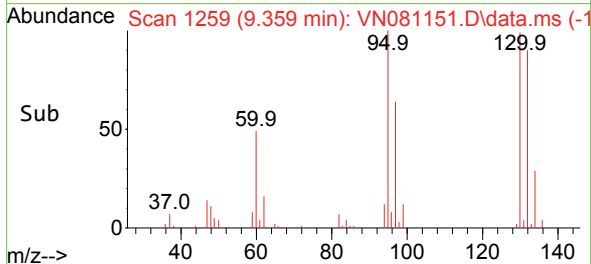
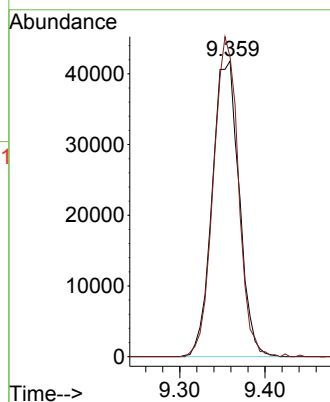
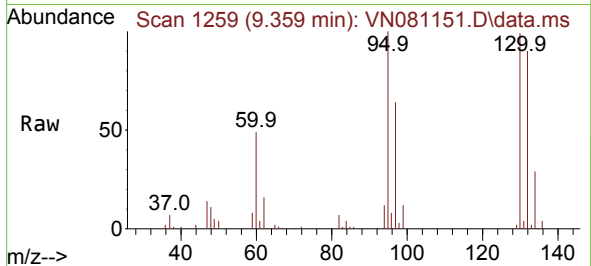




#37
Trichloroethene
Concen: 19.100 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

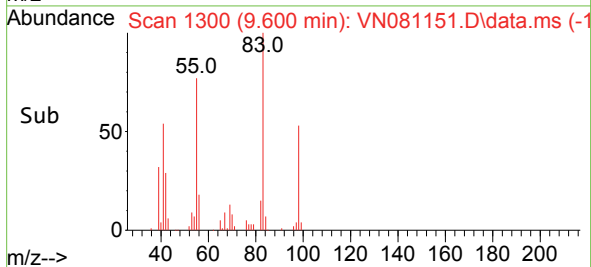
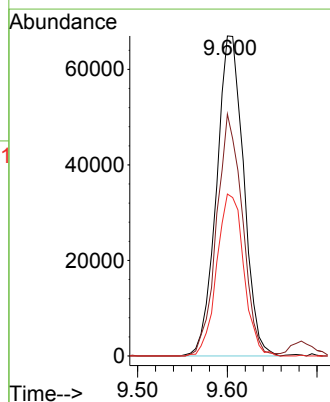
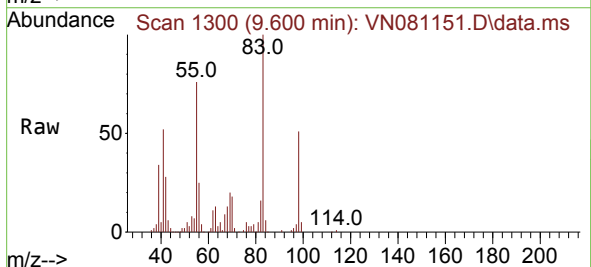
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

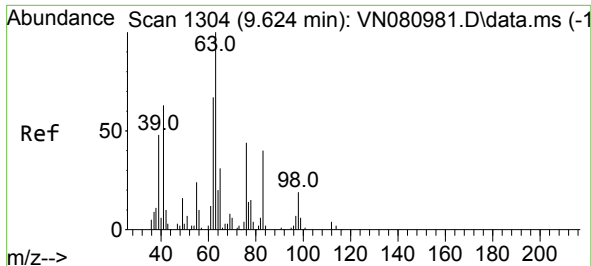
Tgt Ion:130 Resp: 91874
Ion Ratio Lower Upper
130 100
95 101.2 80.2 120.4



#38
Methylcyclohexane
Concen: 23.802 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 83 Resp: 140635
Ion Ratio Lower Upper
83 100
55 72.1 36.6 109.9
98 50.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.188 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

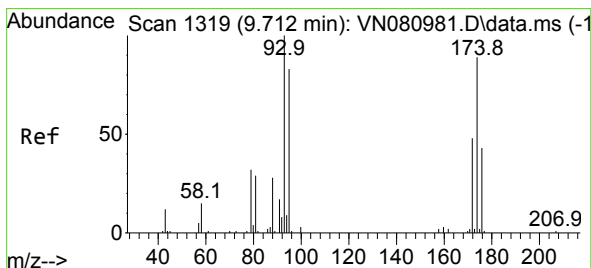
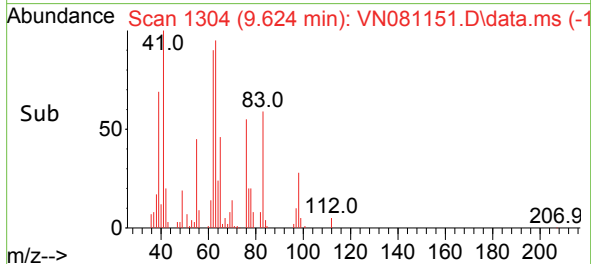
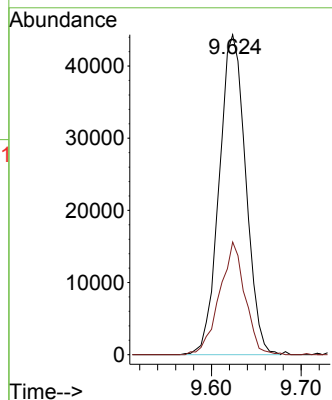
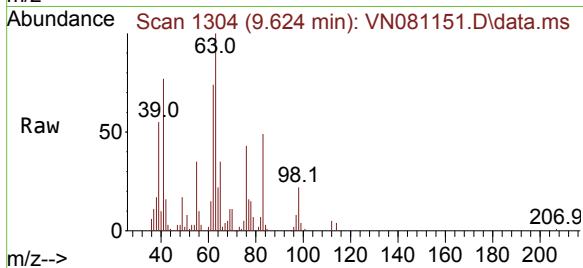
VSTDCCC020

Tgt Ion: 63 Resp: 90925

Ion Ratio Lower Upper

63 100

65 35.2 25.0 37.4



#40

Dibromomethane

Concen: 19.790 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

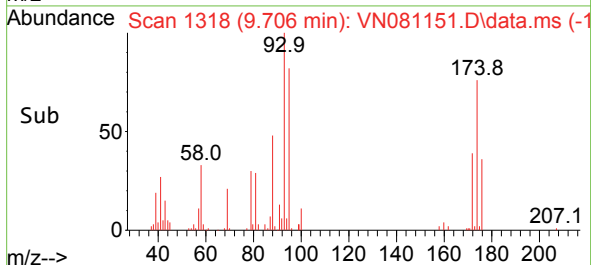
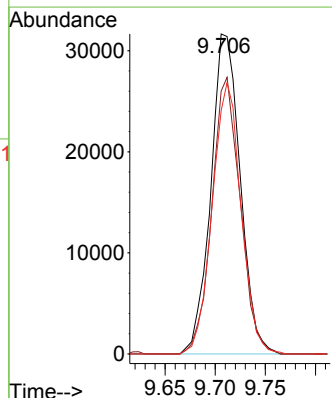
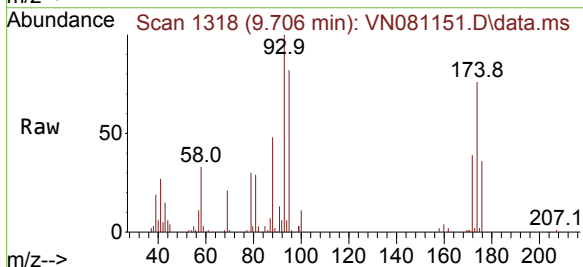
Tgt Ion: 93 Resp: 64614

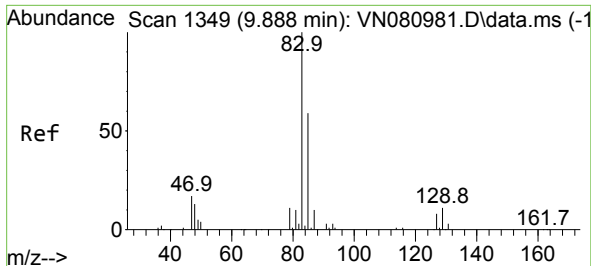
Ion Ratio Lower Upper

93 100

95 83.3 0.0 164.6

174 82.8 0.0 193.2

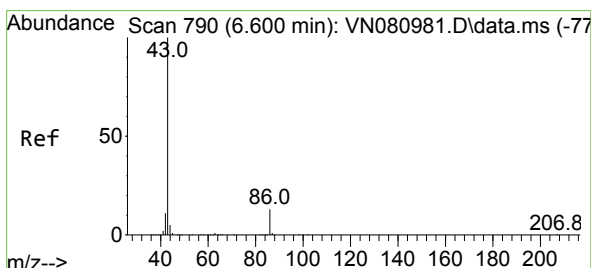
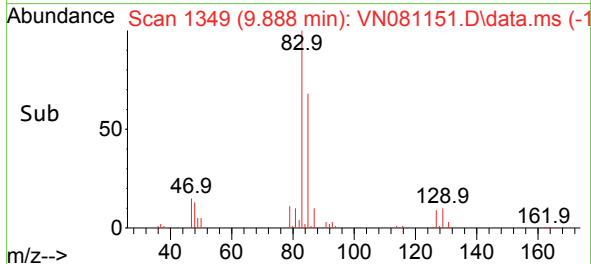
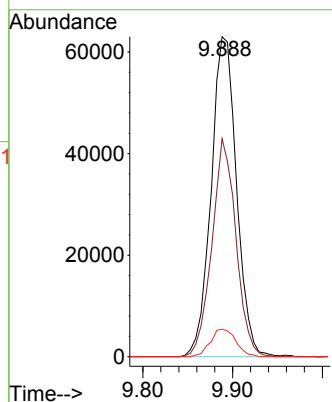
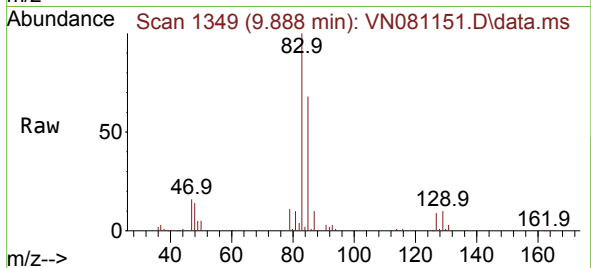




#41
Bromodichloromethane
Concen: 19.397 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

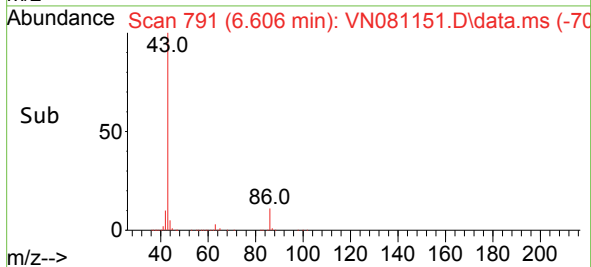
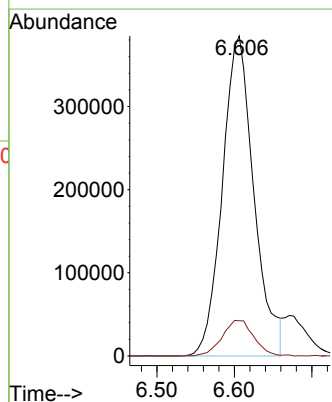
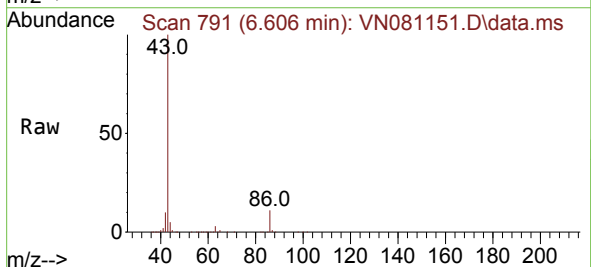
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

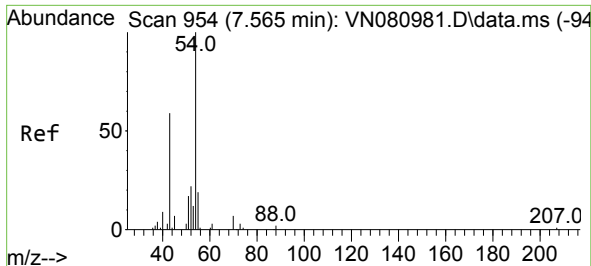
Tgt Ion: 83 Resp: 123945
Ion Ratio Lower Upper
83 100
85 68.1 49.4 74.2
127 8.6 7.3 10.9



#42
Vinyl Acetate
Concen: 117.372 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 43 Resp: 1090564
Ion Ratio Lower Upper
43 100
86 11.1 9.4 14.2

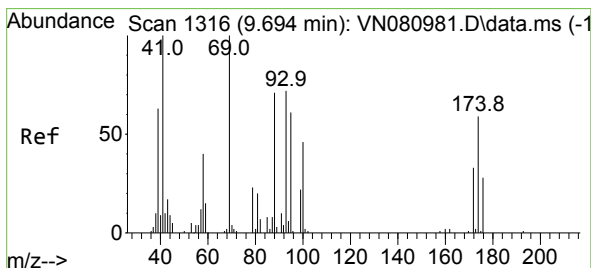
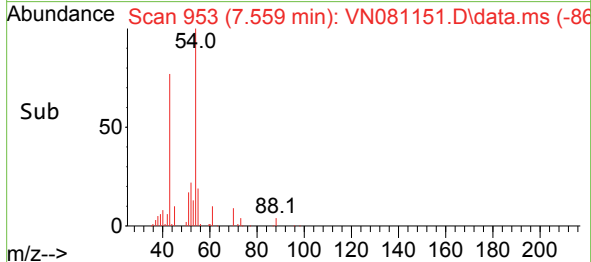
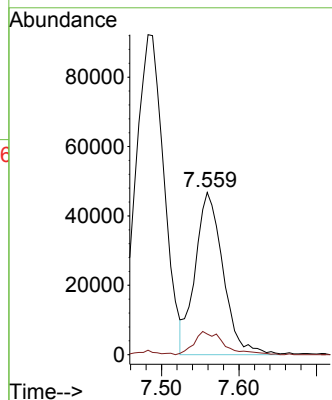
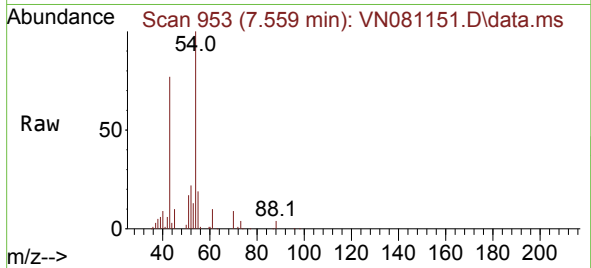




#43
Ethyl Acetate
Concen: 25.818 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

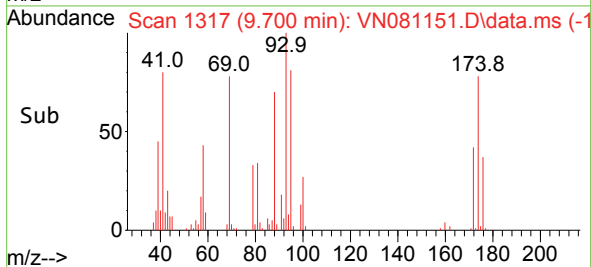
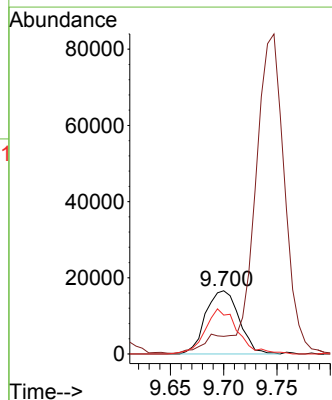
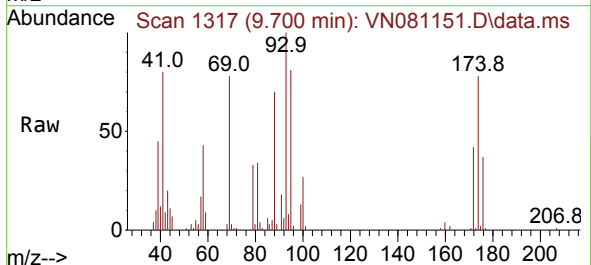
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

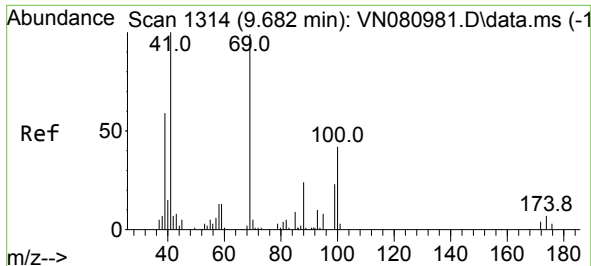
Tgt Ion: 43 Resp: 116811
Ion Ratio Lower Upper
43 100
45 9.0 10.6 15.8#



#45
1,4-Dioxane
Concen: 472.492 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 88 Resp: 36429
Ion Ratio Lower Upper
88 100
43 21.1 19.8 29.6
58 65.8 55.4 83.0





#46

Methyl methacrylate

Concen: 24.388 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

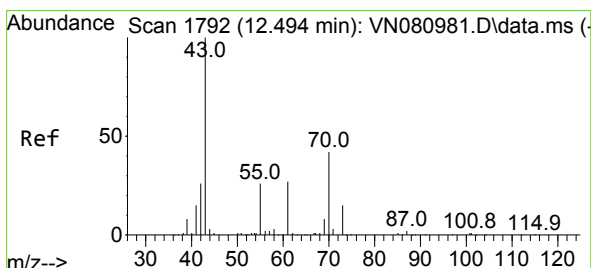
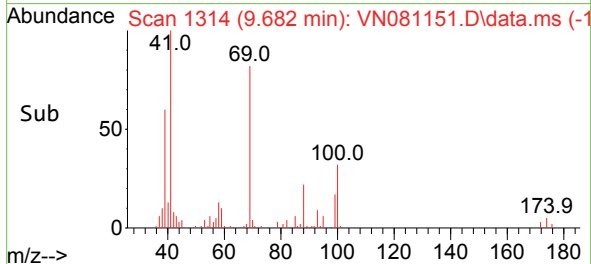
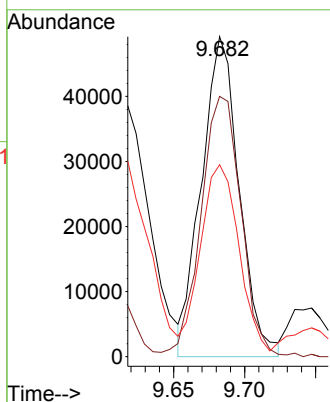
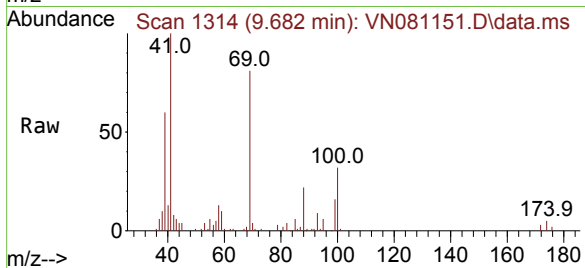
Tgt Ion: 41 Resp: 90718

Ion Ratio Lower Upper

41 100

69 84.3 51.1 153.3

39 58.2 25.8 77.3



#47

n-amyl Acetate

Concen: 23.941 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081151.D

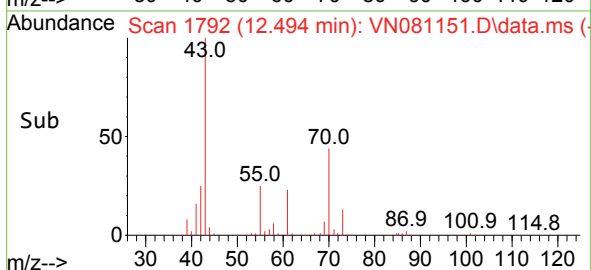
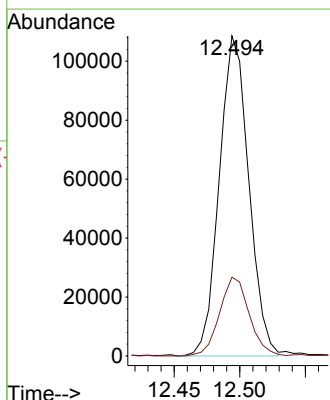
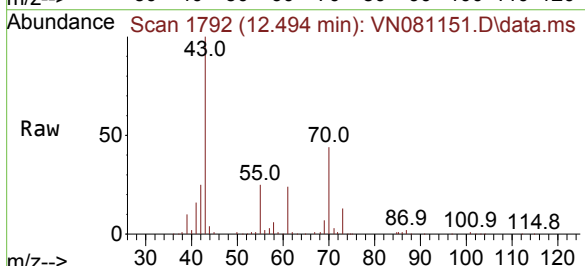
Acq: 23 Feb 2024 09:35

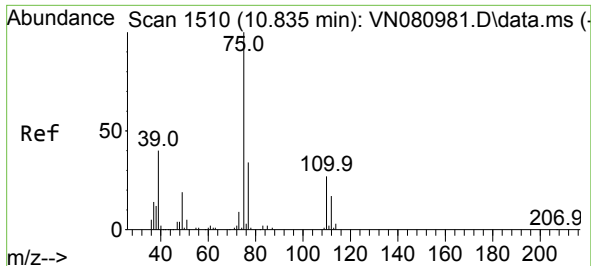
Tgt Ion: 43 Resp: 169732

Ion Ratio Lower Upper

43 100

55 24.7 23.4 35.2

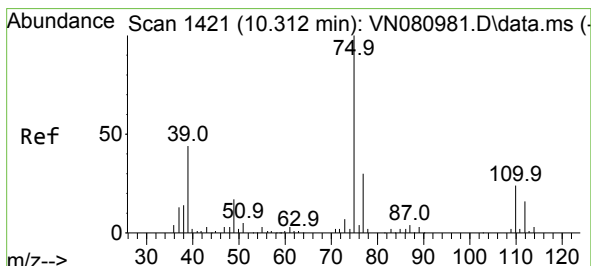
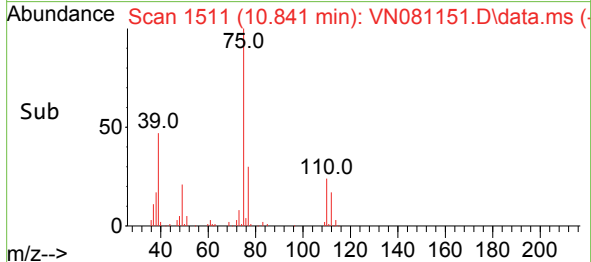
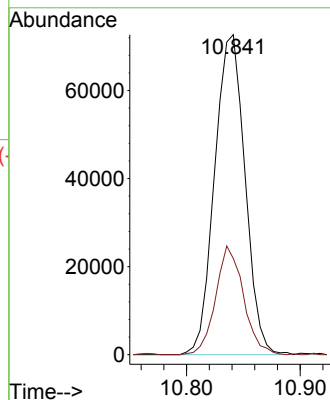
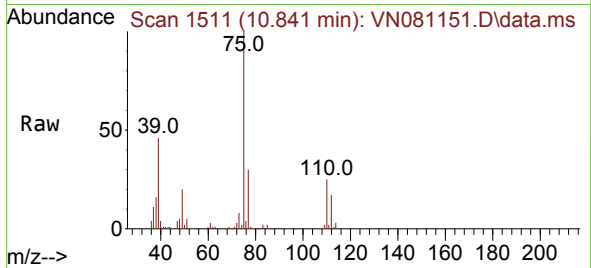




#48
t-1,3-Dichloropropene
Concen: 20.166 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

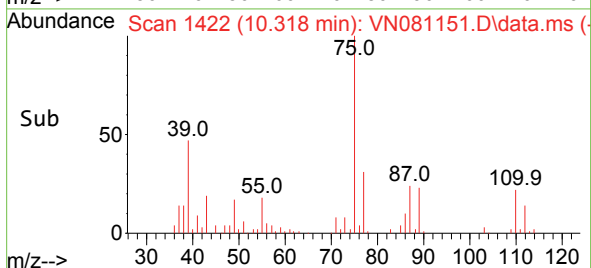
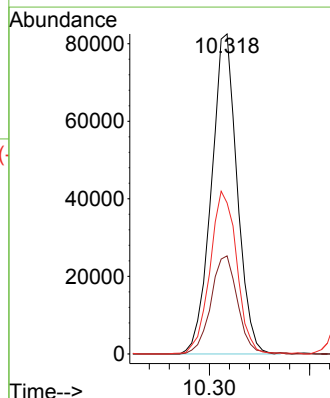
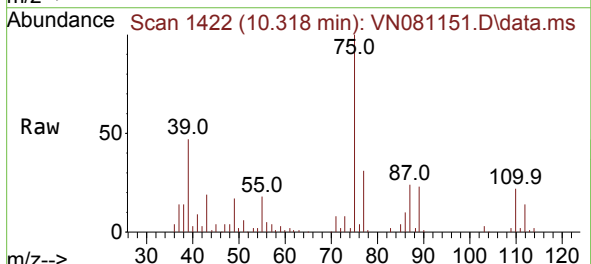
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

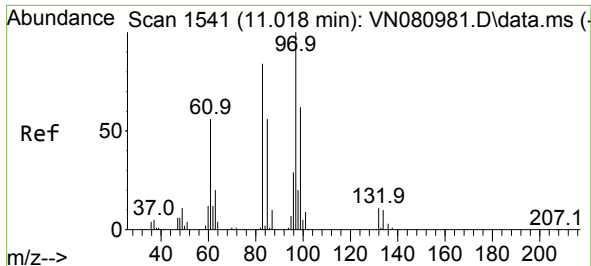
Tgt Ion: 75 Resp: 135049
Ion Ratio Lower Upper
75 100
77 30.0 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 20.303 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 75 Resp: 147333
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3
39 46.9 31.0 46.6#

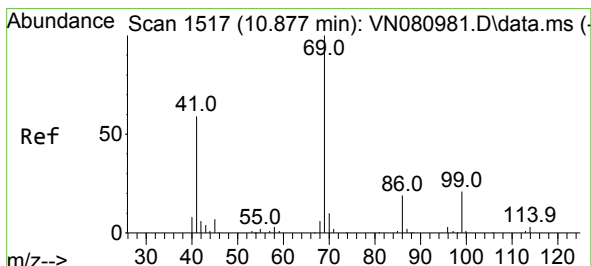
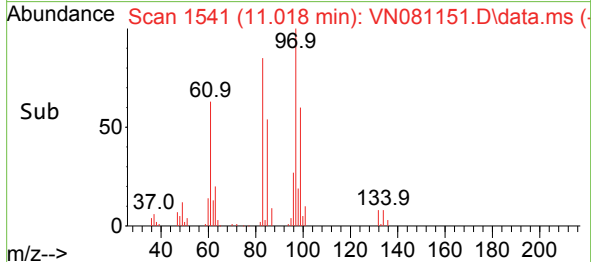
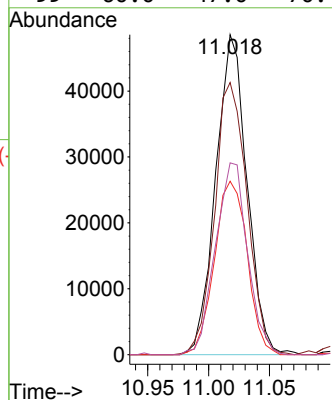
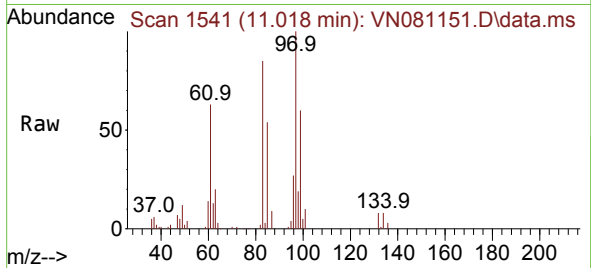




#50
1,1,2-Trichloroethane
Concen: 19.161 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

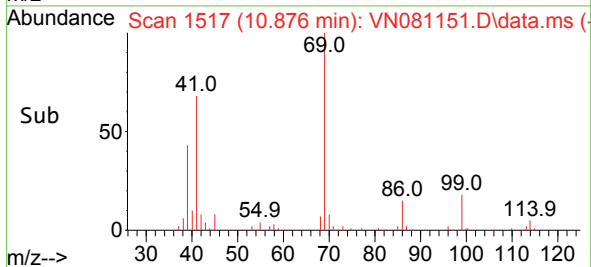
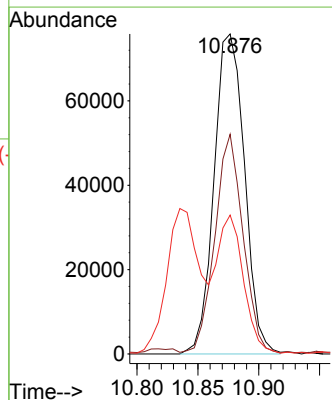
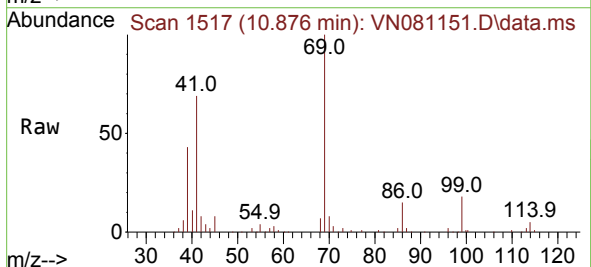
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

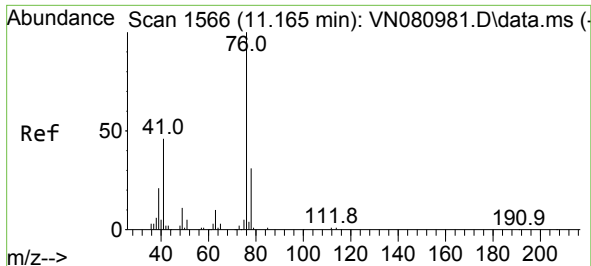
Tgt Ion:	97	Resp:	86562
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	54.2	41.8	62.6
99	60.0	47.0	70.4



#51
Ethyl methacrylate
Concen: 20.955 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:	69	Resp:	132307
Ion	Ratio	Lower	Upper
69	100		
41	68.3	25.5	76.5
39	43.2	16.0	47.9

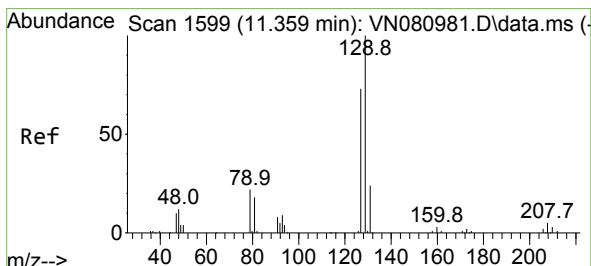
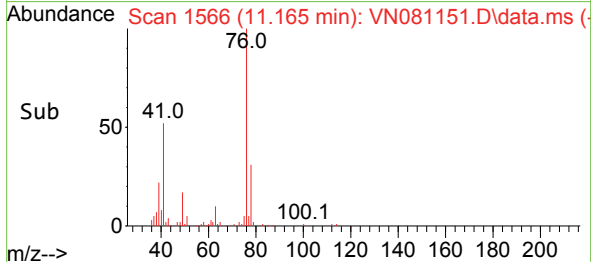
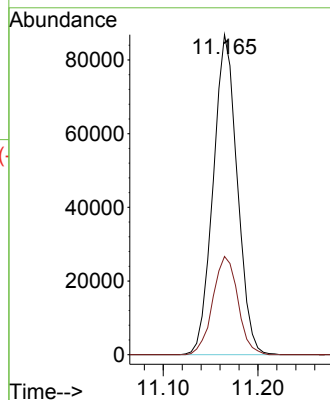
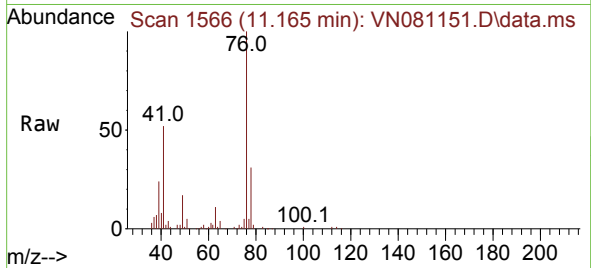




#52
1,3-Dichloropropane
Concen: 20.571 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

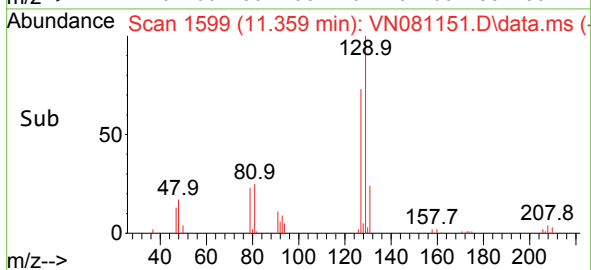
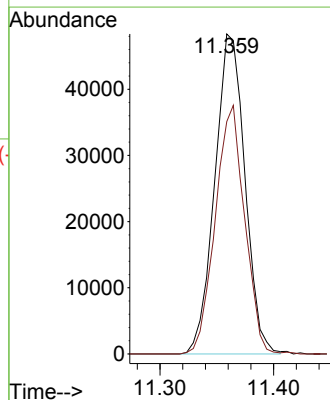
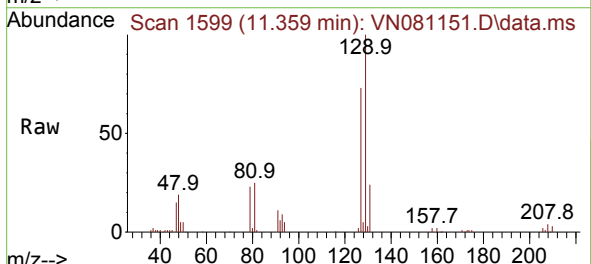
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

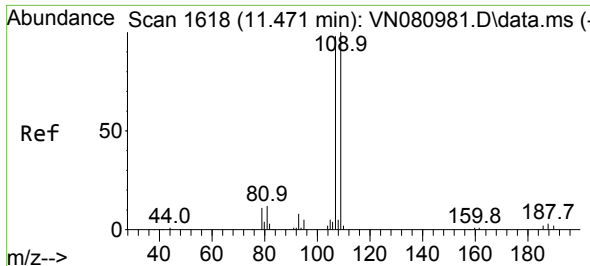
Tgt Ion: 76 Resp: 153463
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.8



#53
Dibromochloromethane
Concen: 18.104 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 129 Resp: 89145
Ion Ratio Lower Upper
129 100
127 75.6 39.4 118.1

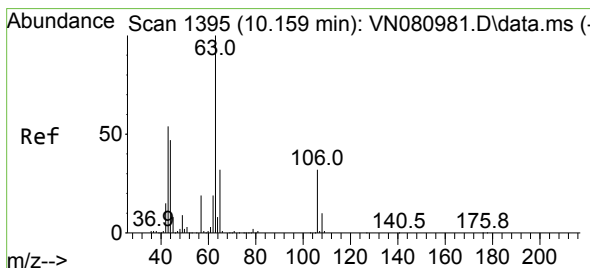
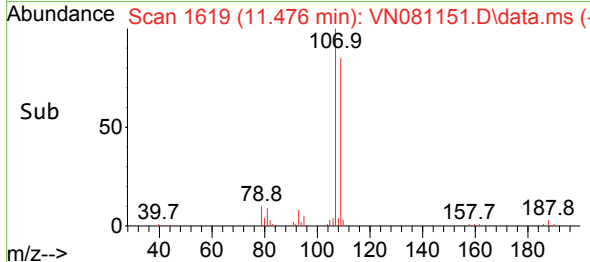
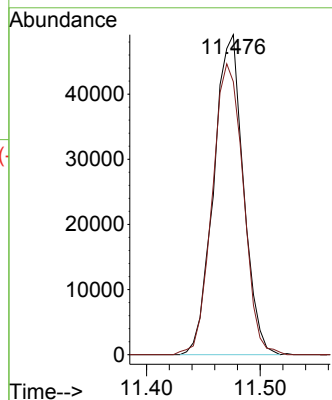
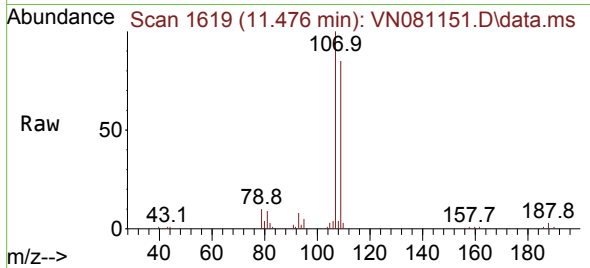




#54
1,2-Dibromoethane
Concen: 19.088 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

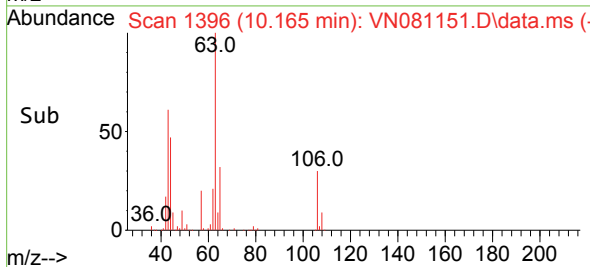
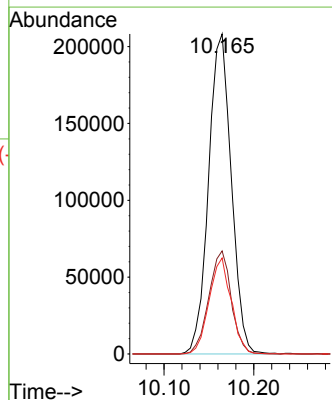
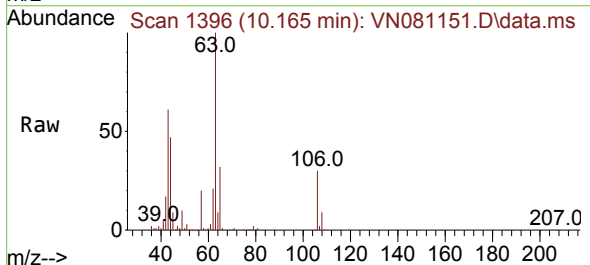
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

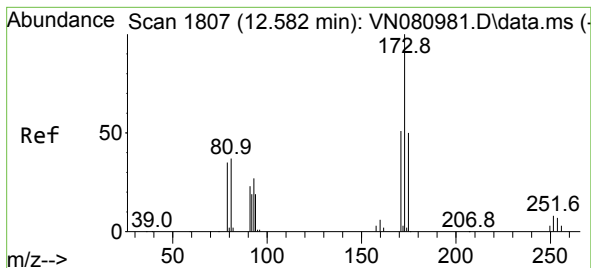
Tgt Ion:107 Resp: 89210
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 113.288 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 63 Resp: 366561
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 29.1 23.8 35.8





#56

Bromoform

Concen: 17.929 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

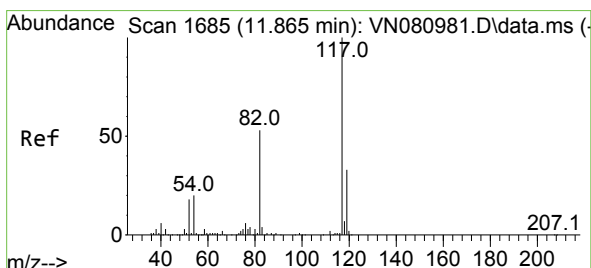
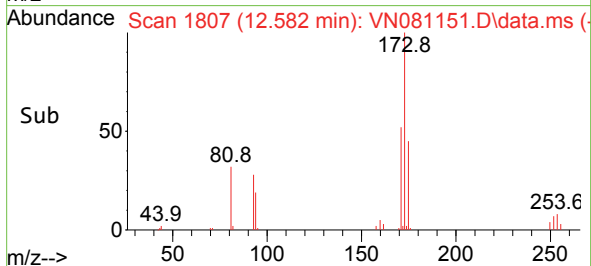
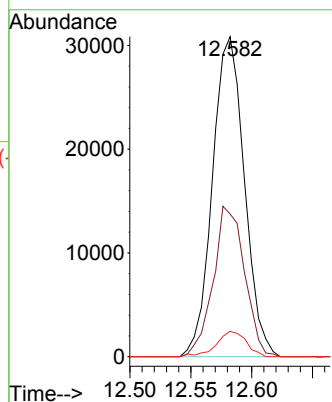
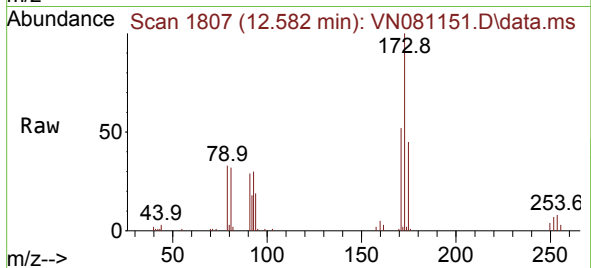
Tgt Ion:173 Resp: 56225

Ion Ratio Lower Upper

173 100

175 46.1 40.0 60.0

254 7.5 8.3 12.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

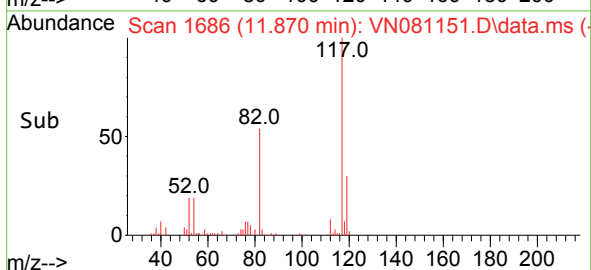
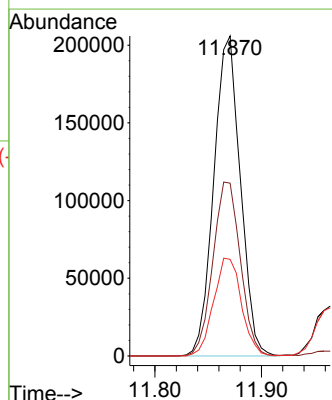
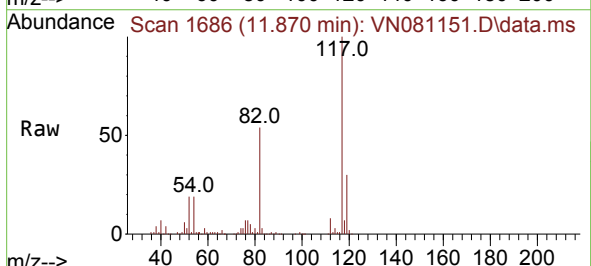
Tgt Ion:117 Resp: 356506

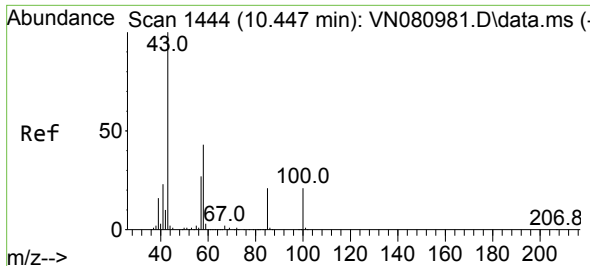
Ion Ratio Lower Upper

117 100

82 56.3 46.6 69.8

119 32.0 25.4 38.2

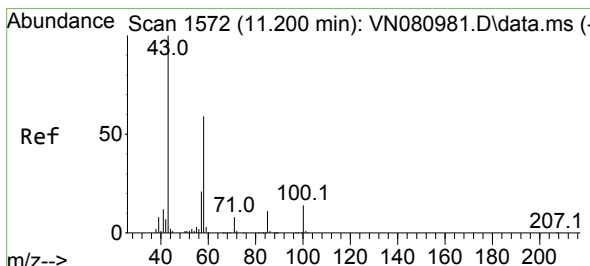
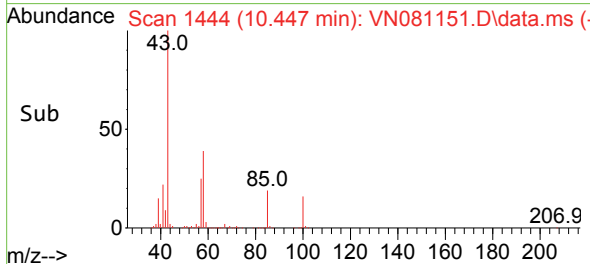
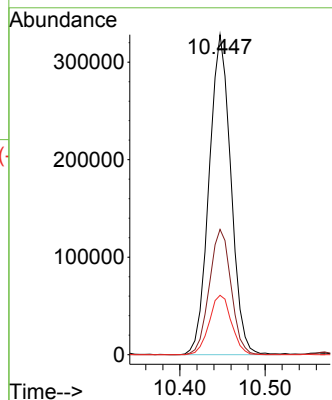
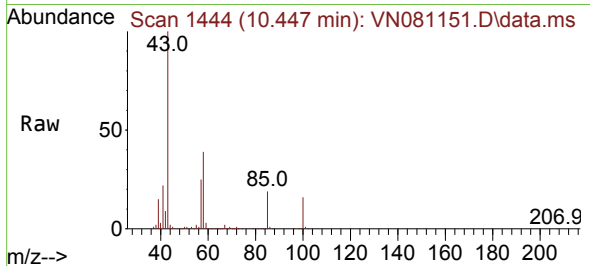




#58
4-Methyl-2-Pentanone
Concen: 126.138 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

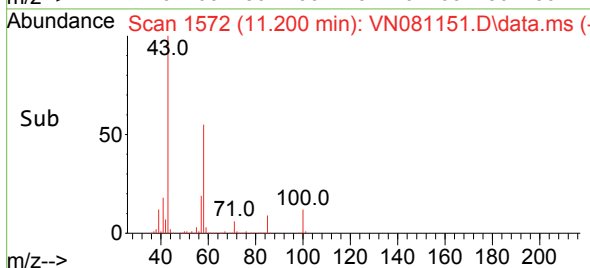
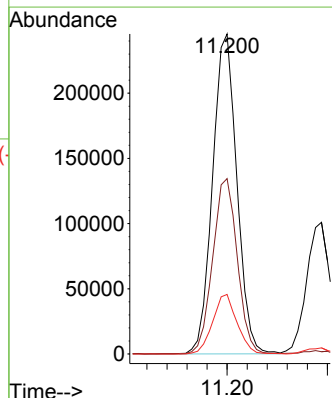
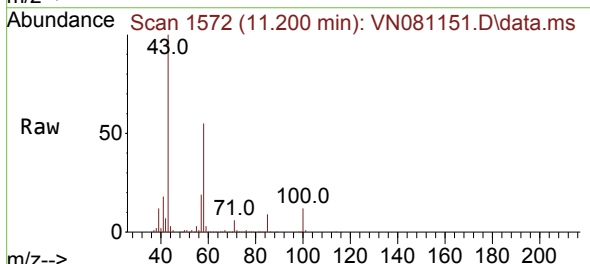
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

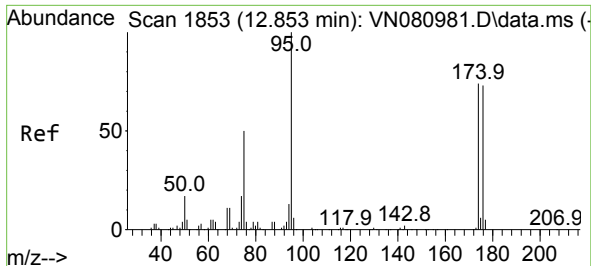
Tgt Ion: 43 Resp: 583821
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 18.9 19.5 29.3#



#59
2-Hexanone
Concen: 120.947 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 43 Resp: 411731
Ion Ratio Lower Upper
43 100
58 55.5 50.4 75.6
57 18.7 18.6 27.8

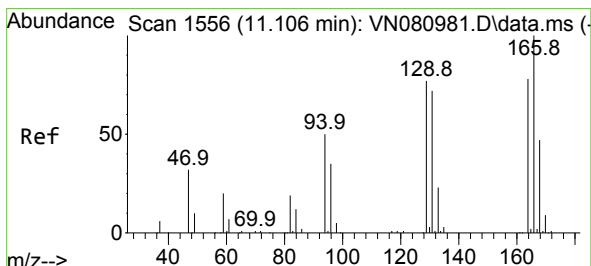
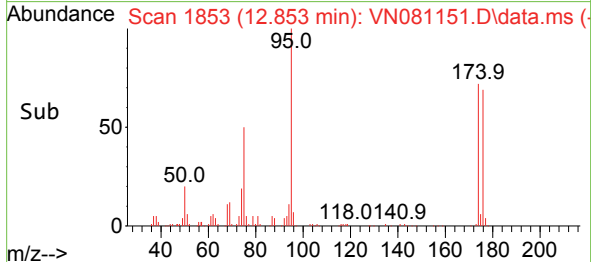
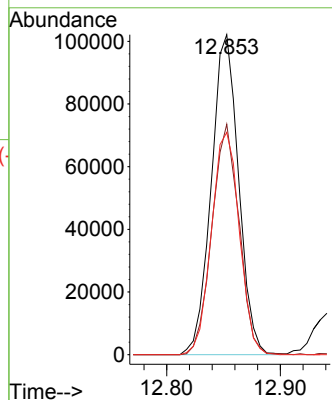
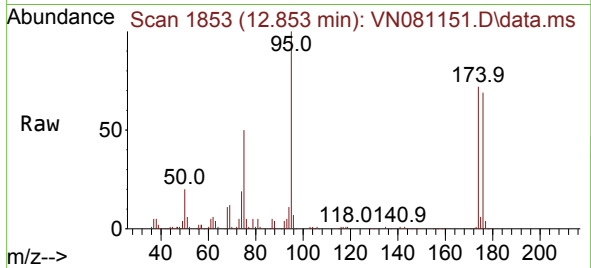




#60
4-Bromofluorobenzene
Concen: 31.259 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

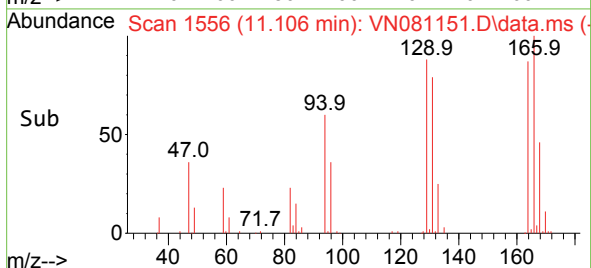
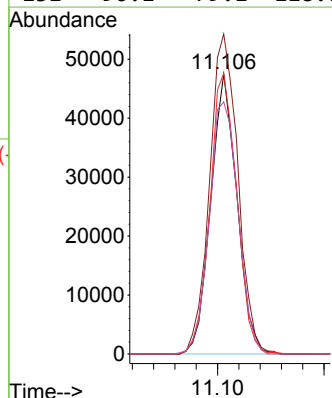
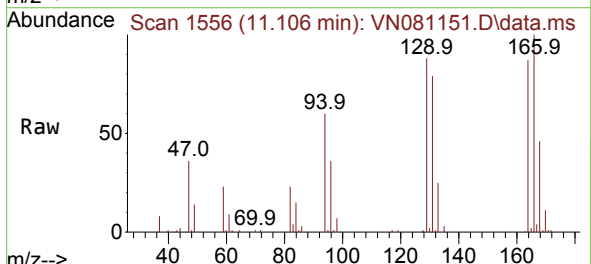
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

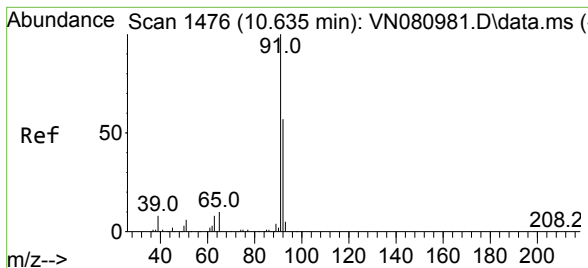
Tgt Ion: 95 Resp: 170369
Ion Ratio Lower Upper
95 100
174 71.1 60.5 90.7
176 71.1 57.8 86.6



#61
Tetrachloroethene
Concen: 19.943 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 164 Resp: 81216
Ion Ratio Lower Upper
164 100
166 114.4 106.7 160.1
129 100.3 85.8 128.6
131 90.1 79.1 118.7





#62

Toluene

Concen: 20.147 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

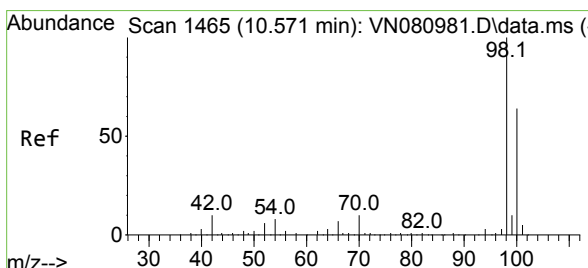
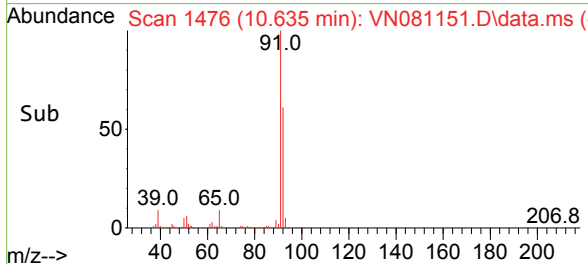
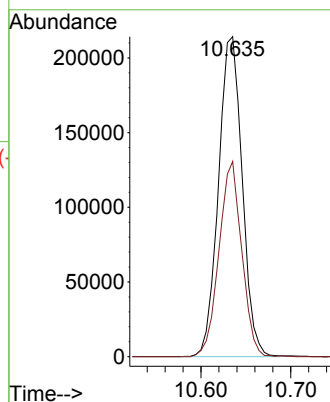
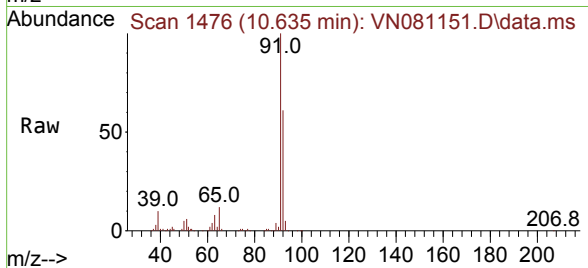
VSTDCCC020

Tgt Ion: 91 Resp: 393439

Ion Ratio Lower Upper

91 100

92 58.4 46.5 69.7



#63

Toluene-d8

Concen: 30.811 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081151.D

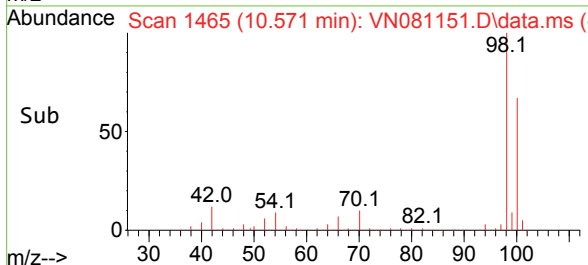
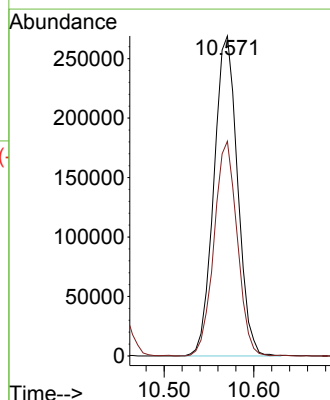
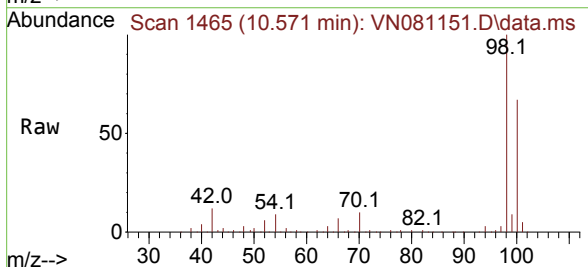
Acq: 23 Feb 2024 09:35

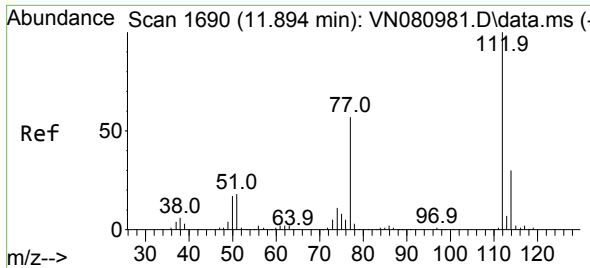
Tgt Ion: 98 Resp: 492941

Ion Ratio Lower Upper

98 100

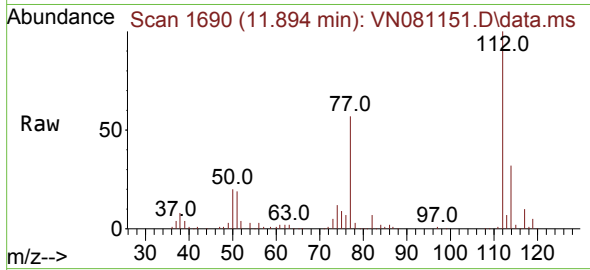
100 65.6 52.7 79.1



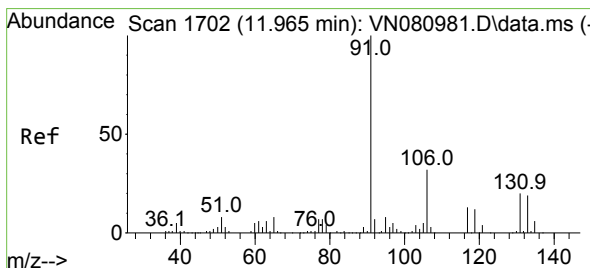
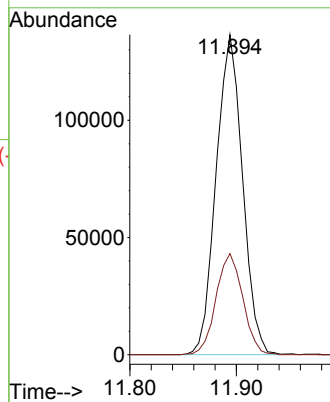
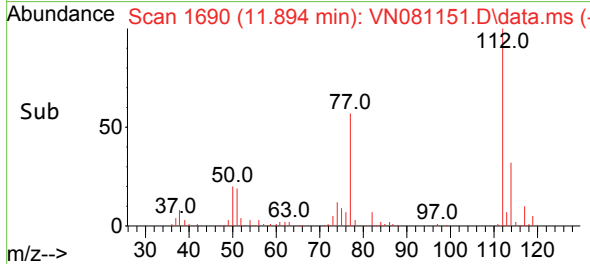


#64
Chlorobenzene
Concen: 19.644 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

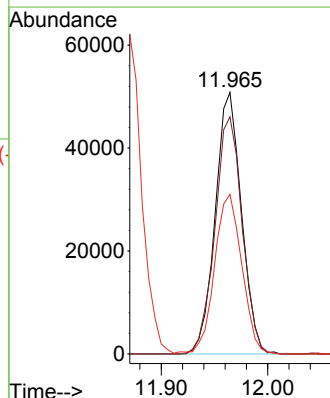
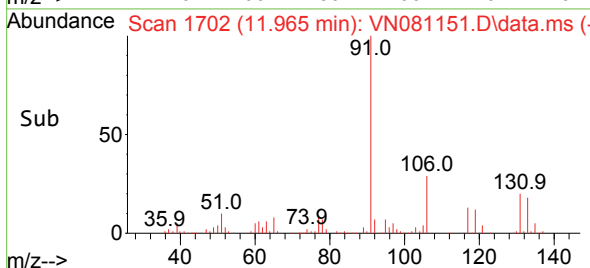
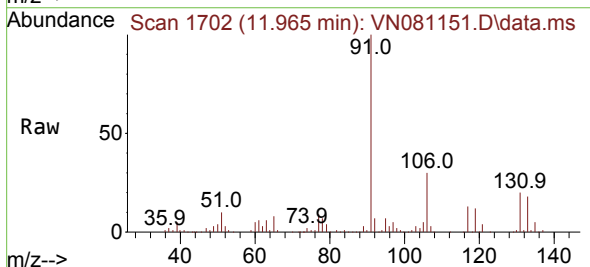


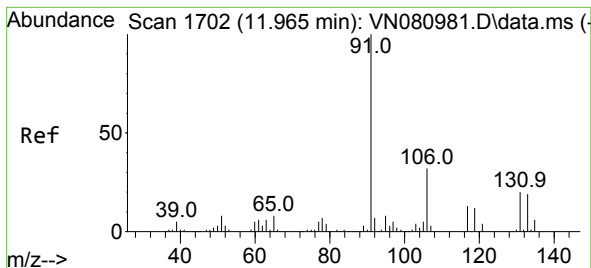
Tgt Ion:112 Resp: 234956
Ion Ratio Lower Upper
112 100
114 31.6 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 19.557 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:131 Resp: 86767
Ion Ratio Lower Upper
131 100
133 94.3 0.0 188.0
119 63.3 0.0 122.8

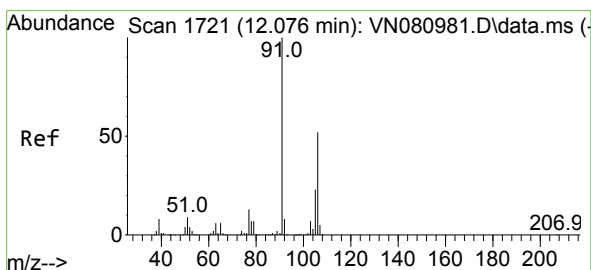
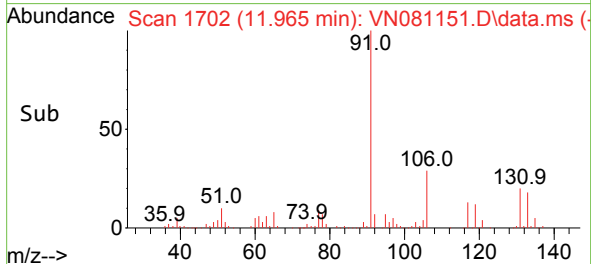
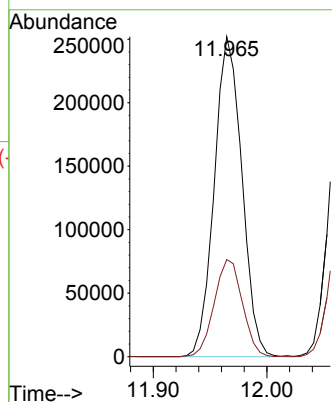
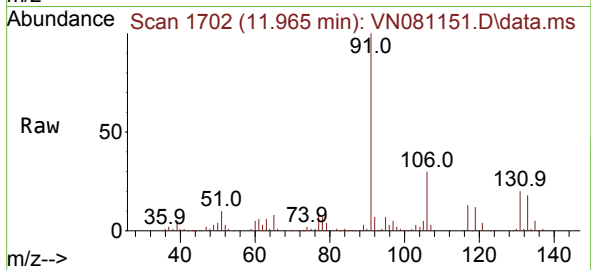




#66
Ethyl Benzene
Concen: 20.709 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

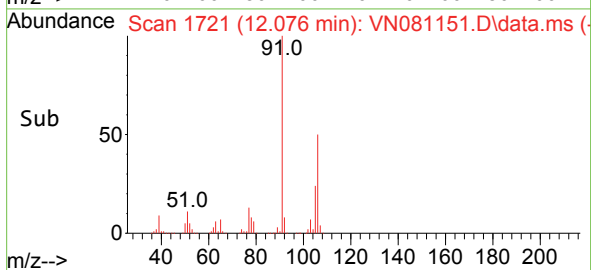
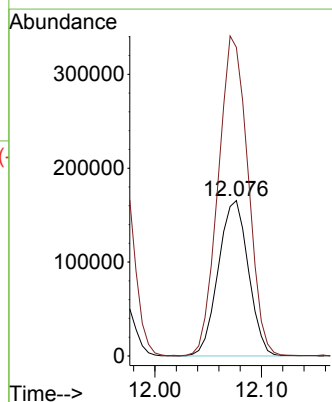
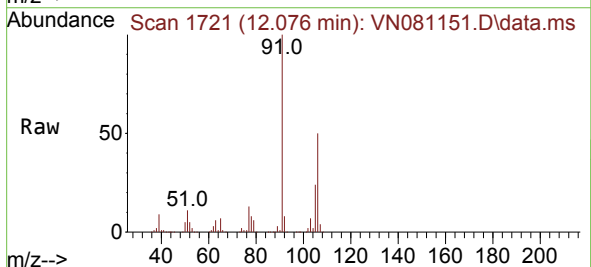
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

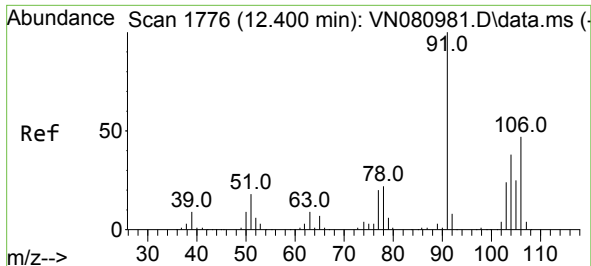
Tgt Ion: 91 Resp: 425230
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#67
m/p-Xylenes
Concen: 40.241 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 106 Resp: 324494
Ion Ratio Lower Upper
106 100
91 204.2 166.6 249.8

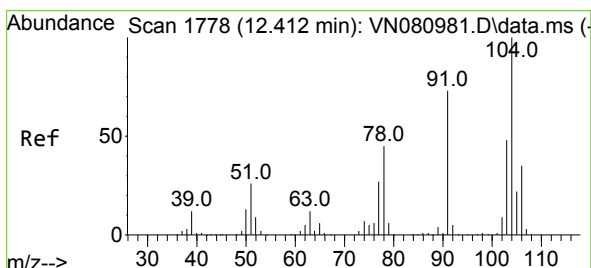
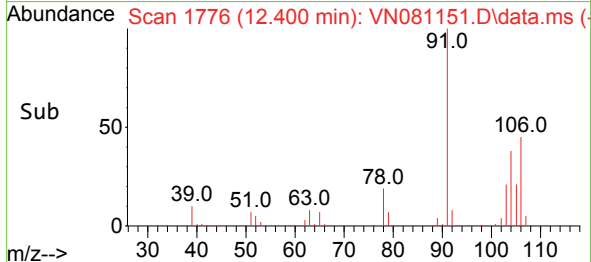
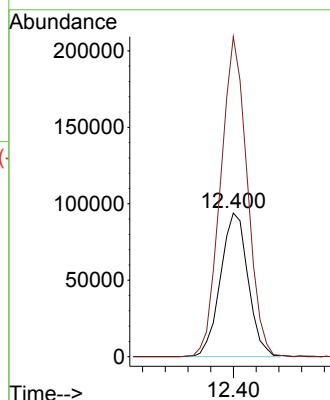
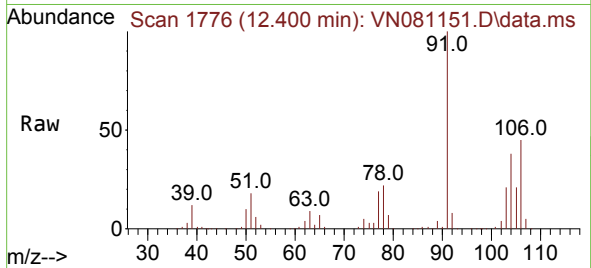




#68
o-Xylene
Concen: 20.061 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

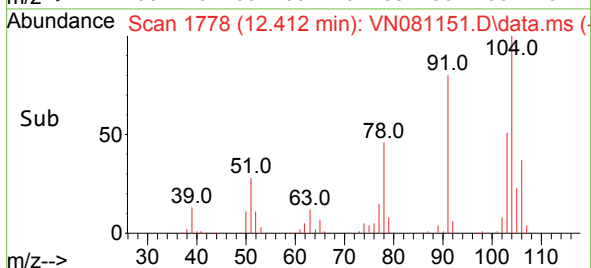
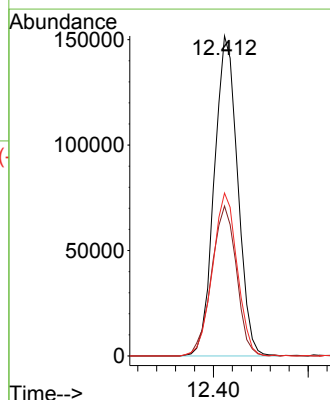
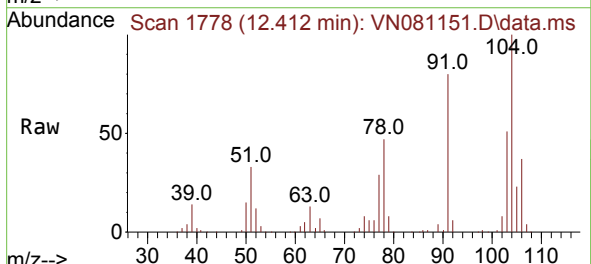
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

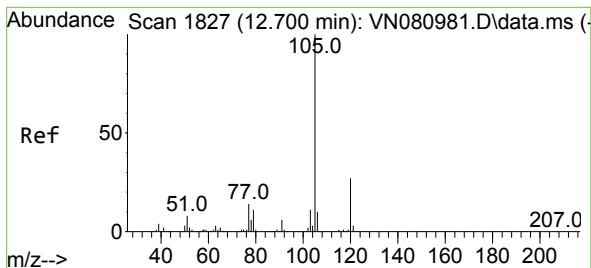
Tgt Ion:106 Resp: 158533
Ion Ratio Lower Upper
106 100
91 214.8 110.0 330.0



#69
Styrene
Concen: 20.030 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:104 Resp: 260587
Ion Ratio Lower Upper
104 100
78 49.7 42.6 64.0
103 53.5 43.7 65.5





#70

Isopropylbenzene

Concen: 21.703 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

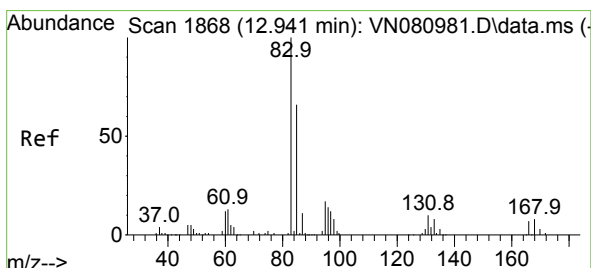
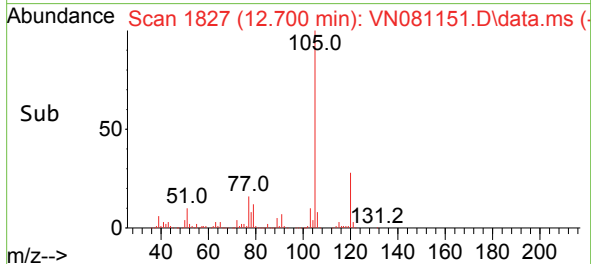
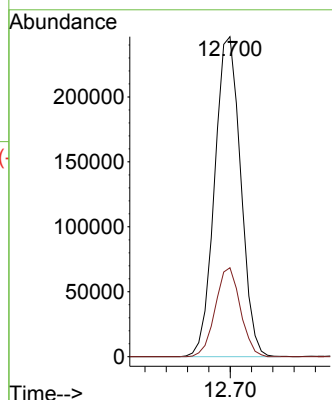
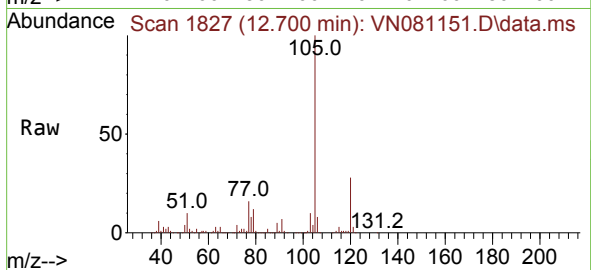
VSTDCCC020

Tgt Ion:105 Resp: 417970

Ion Ratio Lower Upper

105 100

120 26.7 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 21.128 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

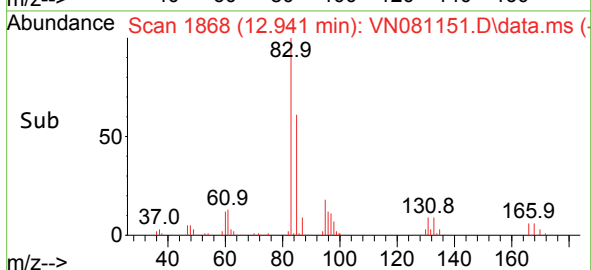
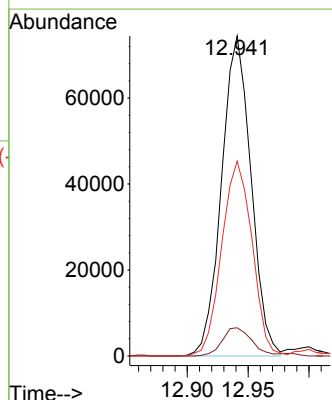
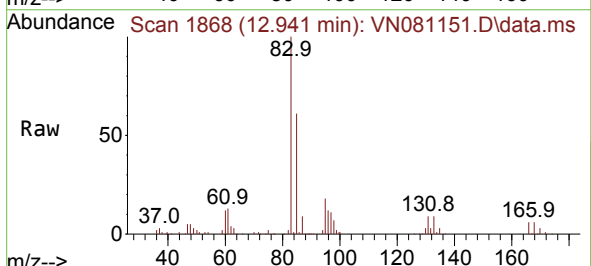
Tgt Ion: 83 Resp: 125467

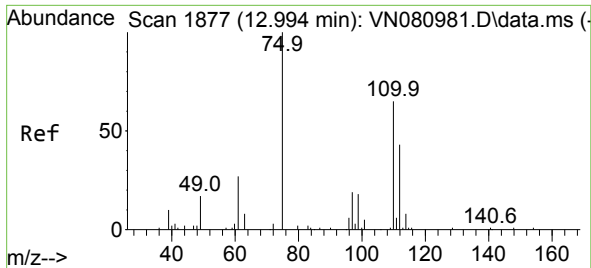
Ion Ratio Lower Upper

83 100

131 8.8 5.2 15.6

85 62.6 32.3 96.8

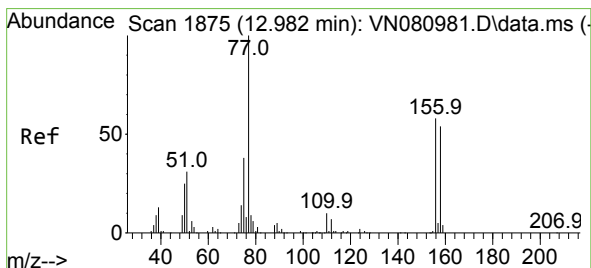
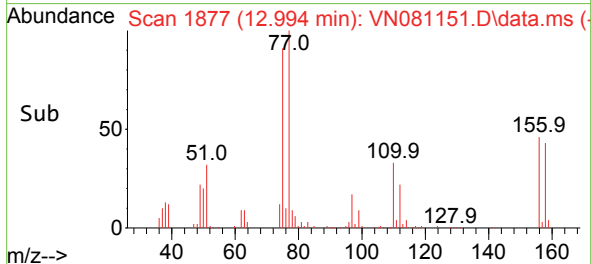
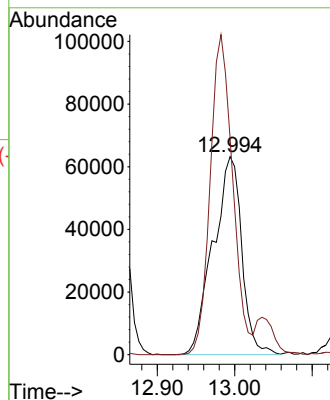
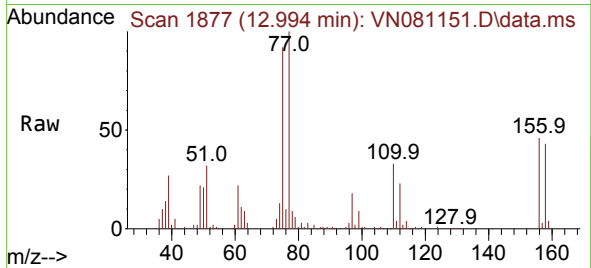




#72
1,2,3-Trichloropropane
Concen: 34.885 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

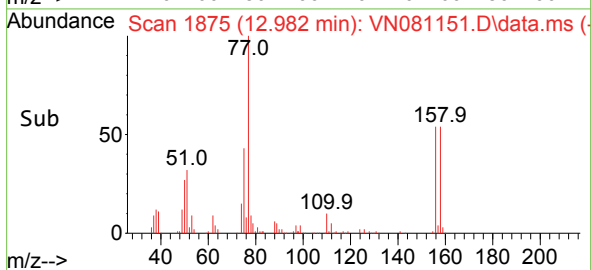
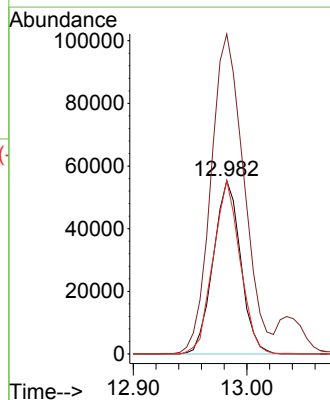
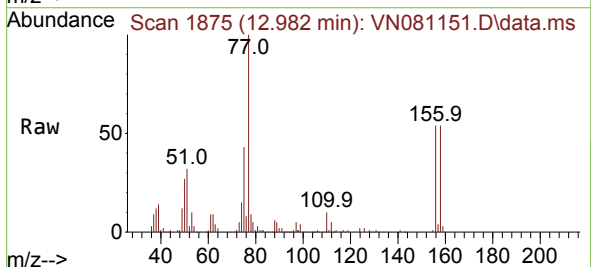
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

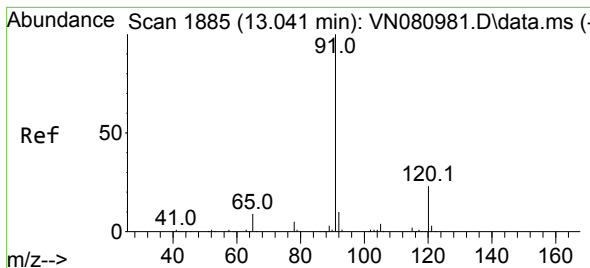
Tgt Ion: 75 Resp: 162171
Ion Ratio Lower Upper
75 100
77 127.4 0.0 367.6



#73
Bromobenzene
Concen: 19.347 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:156 Resp: 92658
Ion Ratio Lower Upper
156 100
77 222.9 0.0 437.6
158 98.9 0.0 203.8





#74

n-propylbenzene

Concen: 22.662 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

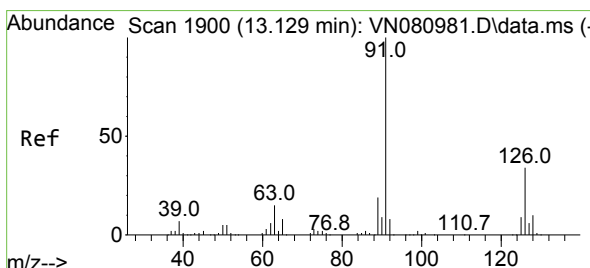
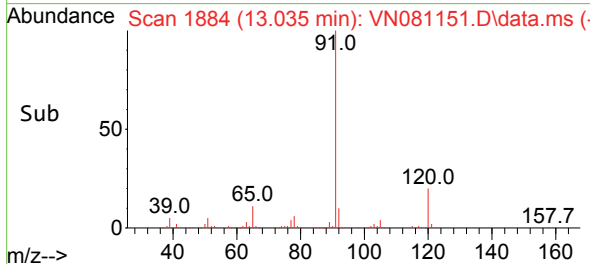
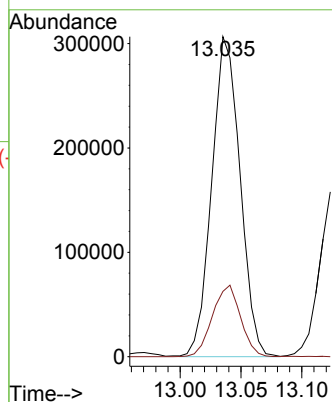
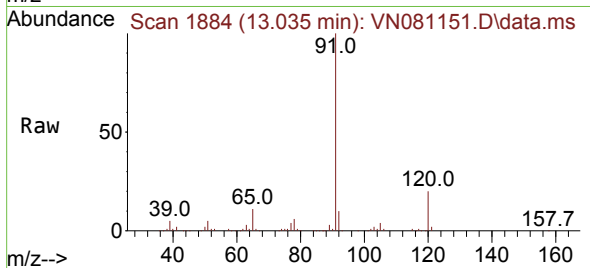
VSTDCCC020

Tgt Ion: 91 Resp: 496000

Ion Ratio Lower Upper

91 100

120 22.2 0.0 43.8



#75

2-Chlorotoluene

Concen: 21.574 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081151.D

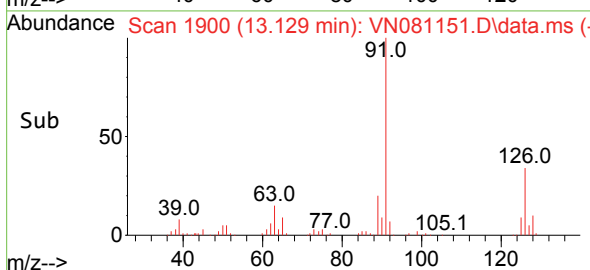
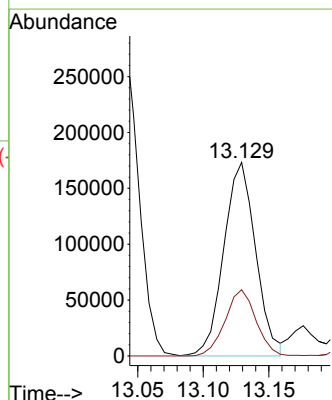
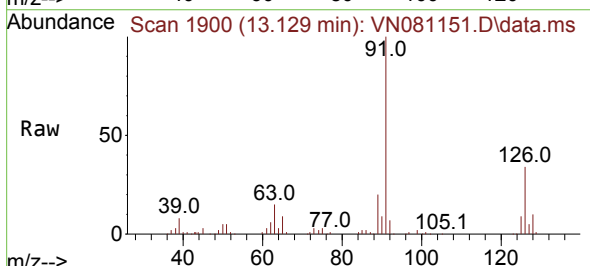
Acq: 23 Feb 2024 09:35

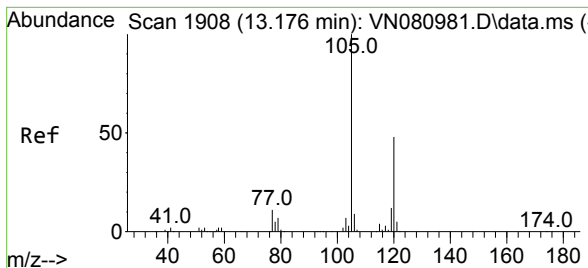
Tgt Ion: 91 Resp: 293134

Ion Ratio Lower Upper

91 100

126 33.1 0.0 61.2

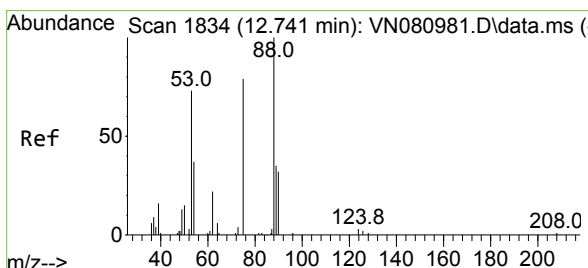
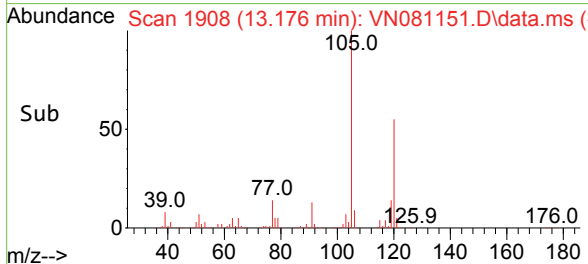
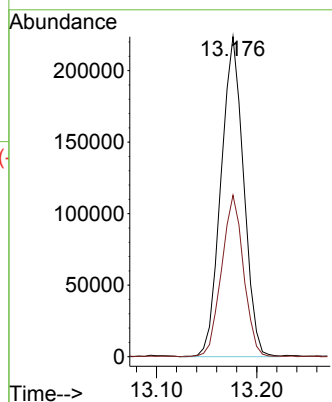
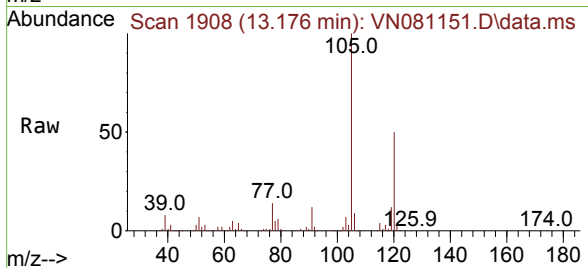




#76
1,3,5-Trimethylbenzene
Concen: 22.267 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

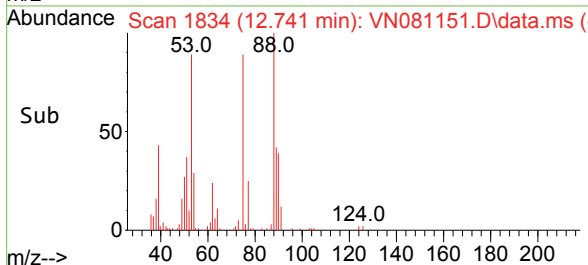
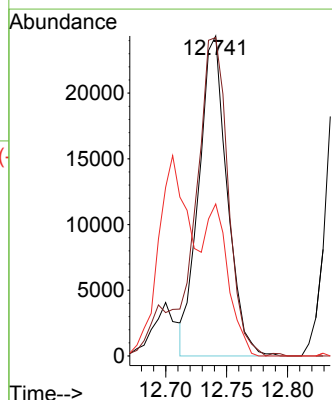
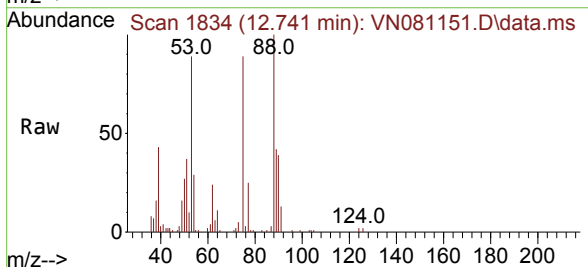
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

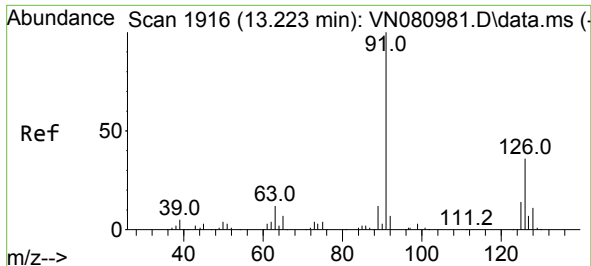
Tgt Ion:105 Resp: 350869
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 22.327 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 75 Resp: 39278
Ion Ratio Lower Upper
75 100
53 98.8 45.9 137.7
89 47.5 25.9 77.7

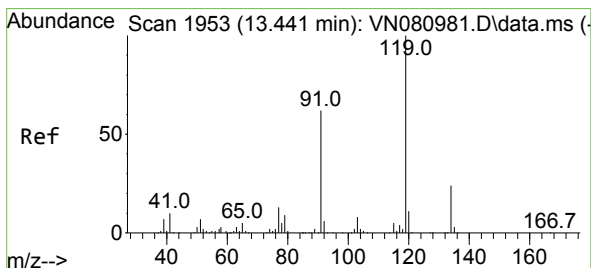
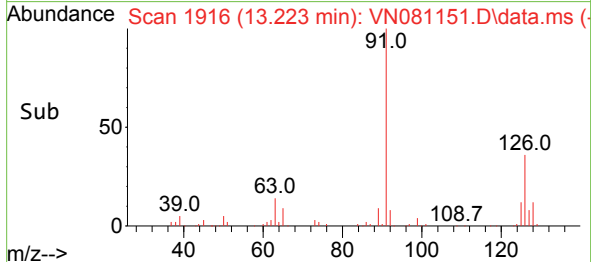
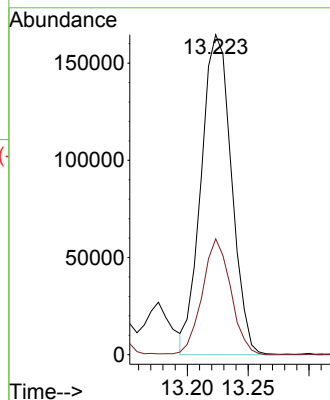
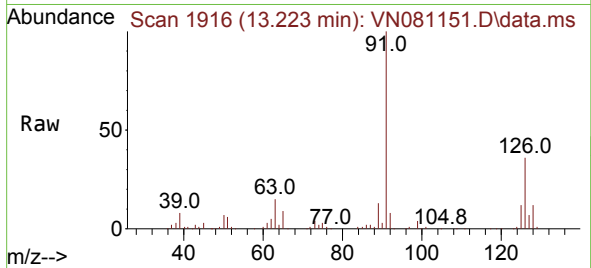




#78
4-Chlorotoluene
Concen: 20.991 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

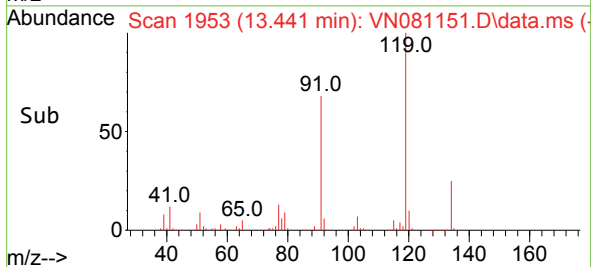
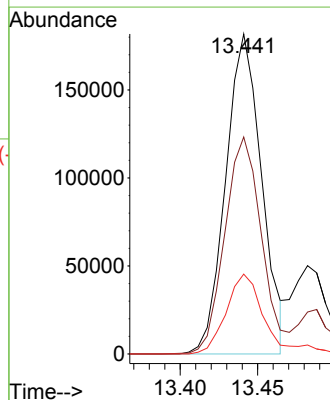
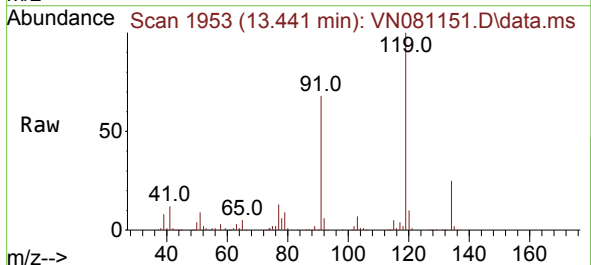
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

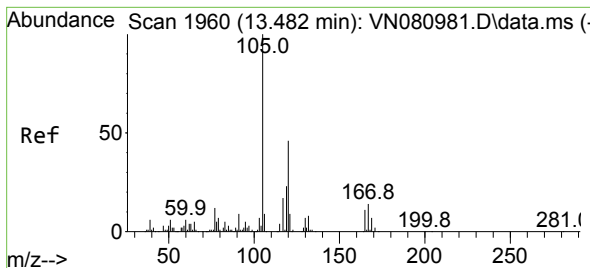
Tgt Ion: 91 Resp: 285663
Ion Ratio Lower Upper
91 100
126 33.8 0.0 62.8



#79
tert-butylbenzene
Concen: 22.453 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 119 Resp: 293701
Ion Ratio Lower Upper
119 100
91 69.1 0.0 138.8
134 24.8 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 22.215 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

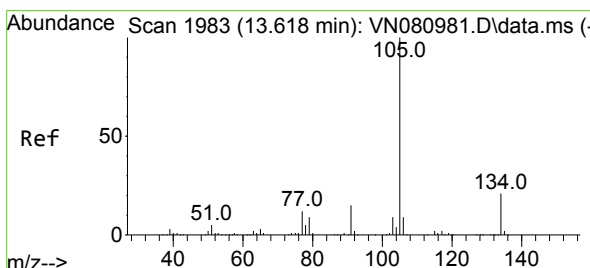
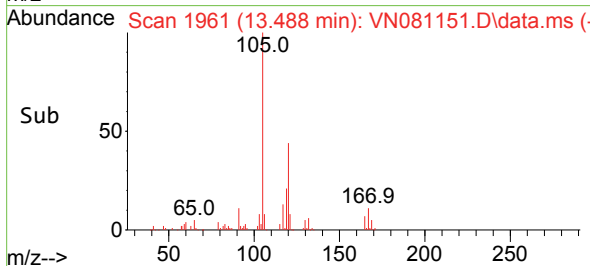
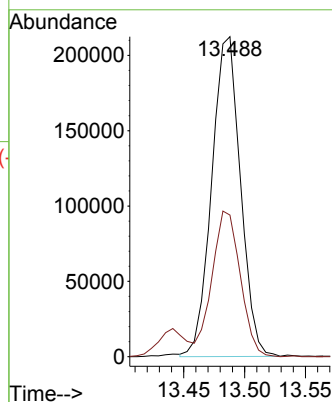
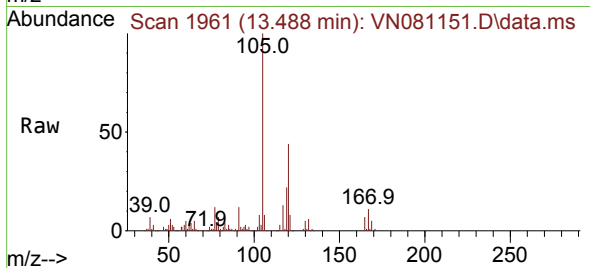
VSTDCCC020

Tgt Ion:105 Resp: 348788

Ion Ratio Lower Upper

105 100

120 44.7 0.0 86.8



#81

sec-Butylbenzene

Concen: 23.617 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081151.D

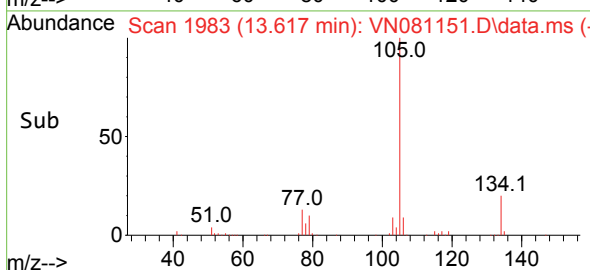
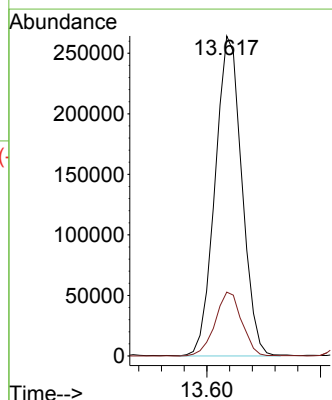
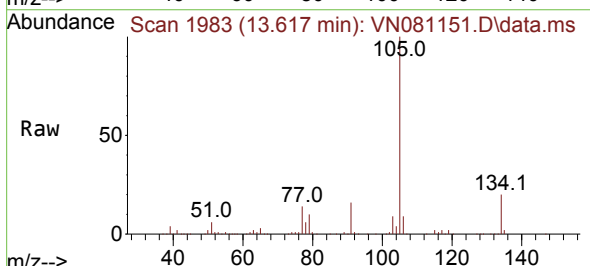
Acq: 23 Feb 2024 09:35

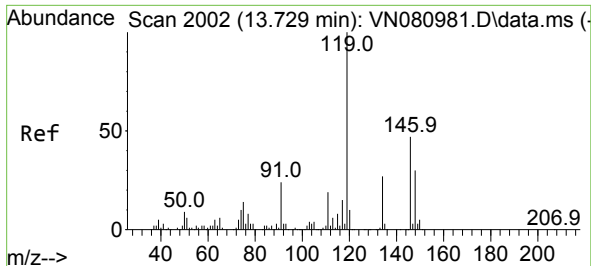
Tgt Ion:105 Resp: 432608

Ion Ratio Lower Upper

105 100

134 19.9 0.0 39.0

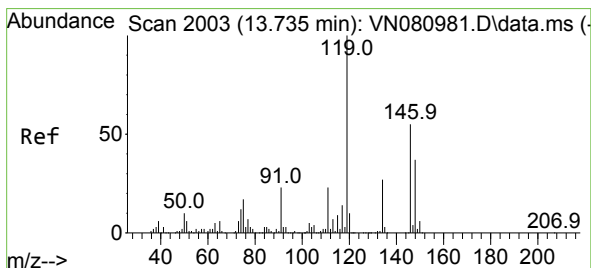
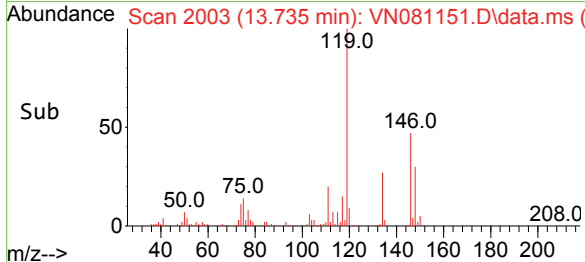
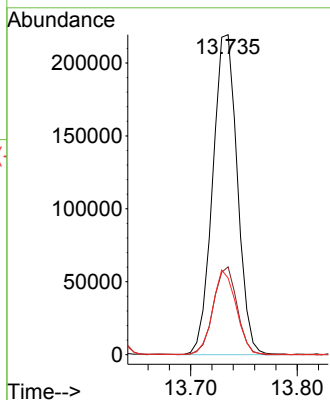
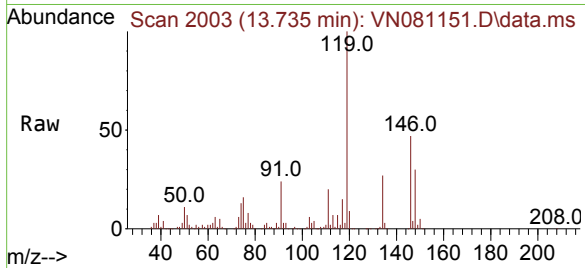




#82
p-Isopropyltoluene
Concen: 22.899 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

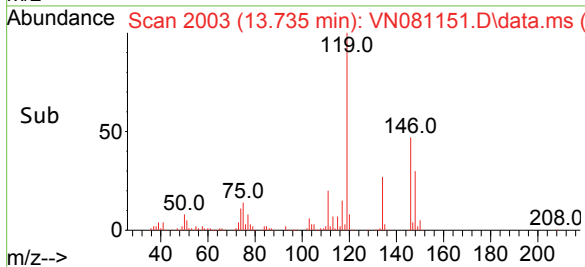
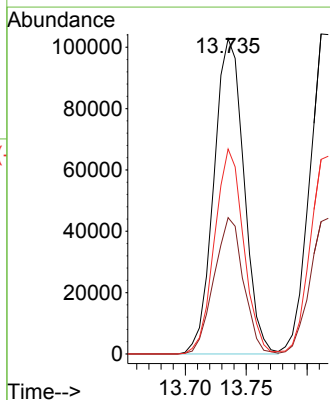
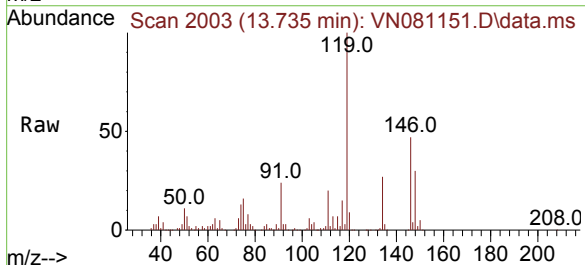
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

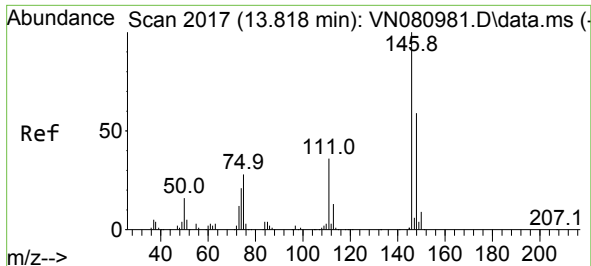
Tgt Ion:119 Resp: 352141
Ion Ratio Lower Upper
119 100
134 26.4 0.0 49.2
91 25.2 0.0 48.8



#83
1,3-Dichlorobenzene
Concen: 20.516 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:146 Resp: 176722
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 62.8 32.1 96.5

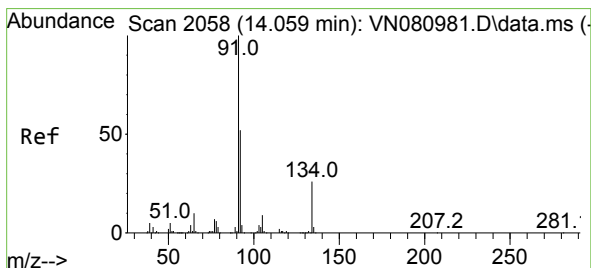
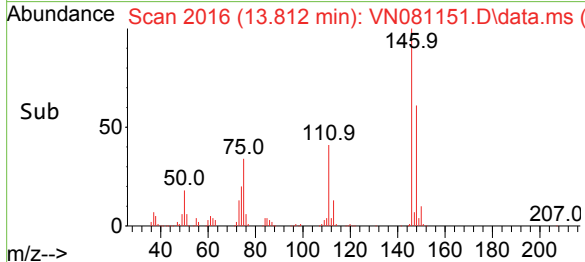
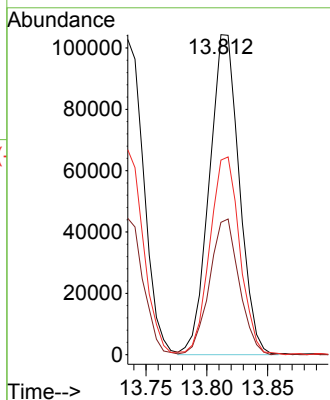
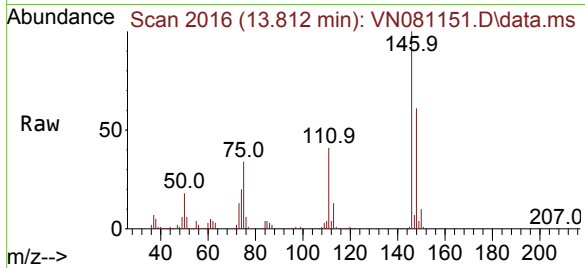




#84
1,4-Dichlorobenzene
Concen: 20.680 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

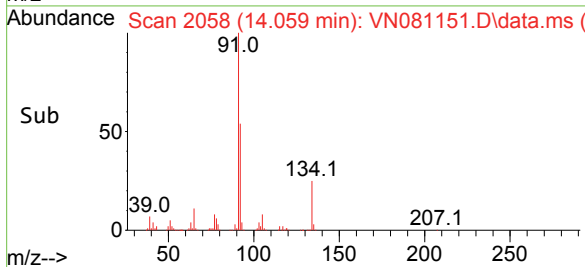
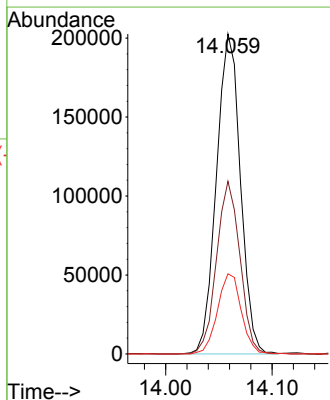
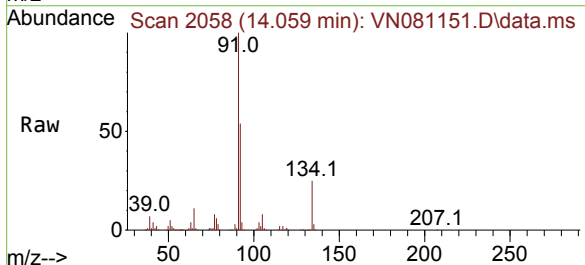
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

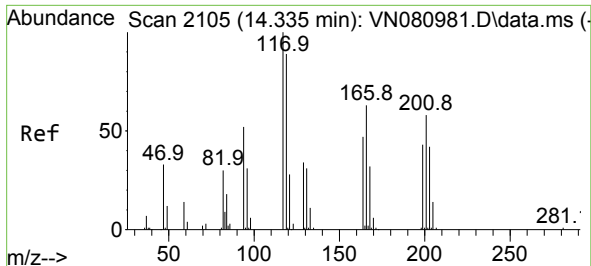
Tgt Ion:146 Resp: 178799
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 61.9 31.9 95.5



#85
n-Butylbenzene
Concen: 24.953 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion: 91 Resp: 316622
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 24.9 0.0 51.8

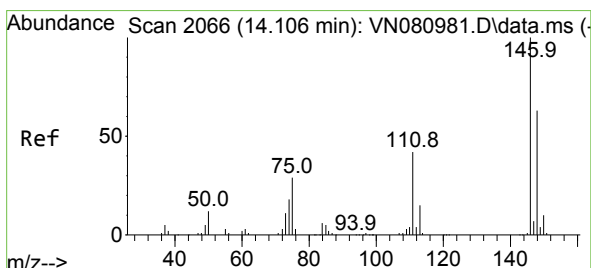
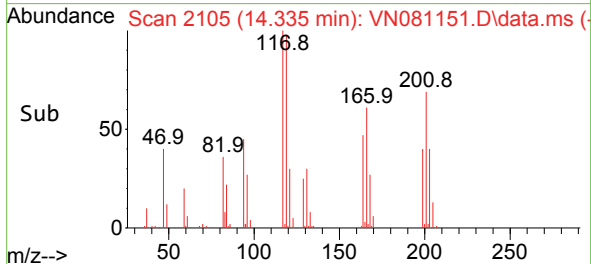
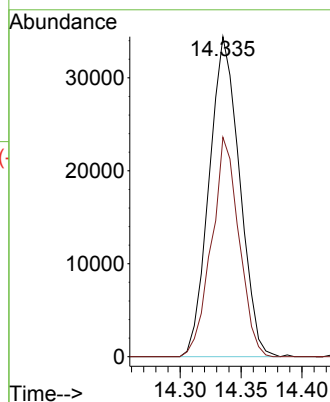
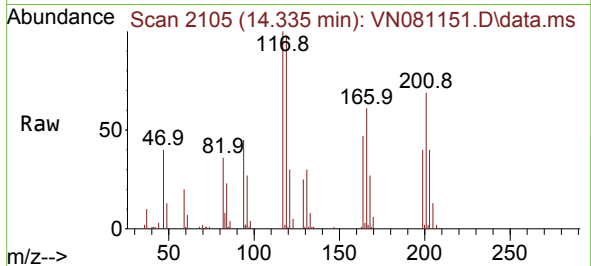




#86
Hexachloroethane
Concen: 24.640 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

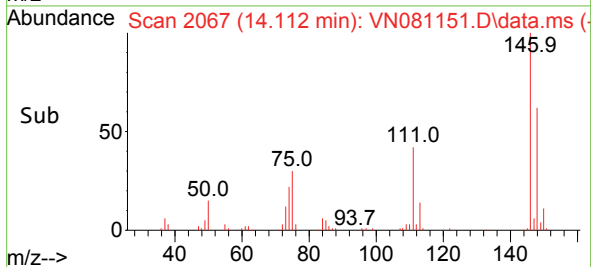
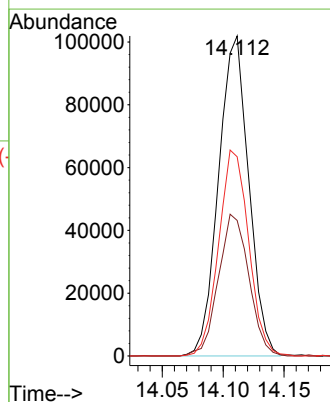
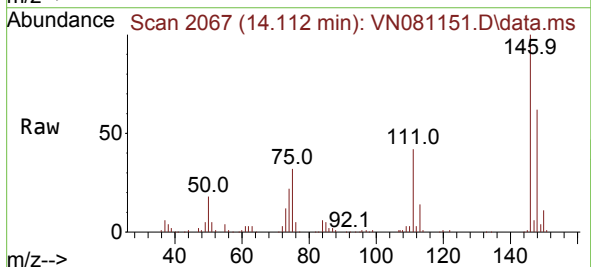
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

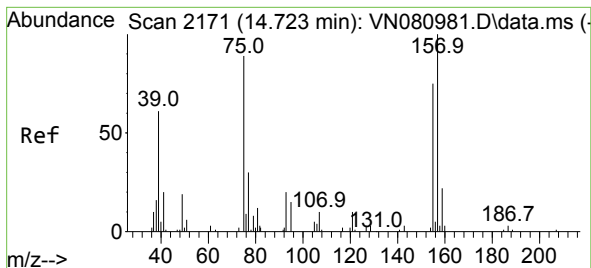
Tgt Ion:117 Resp: 59769
Ion Ratio Lower Upper
117 100
201 61.9 38.0 114.0



#87
1,2-Dichlorobenzene
Concen: 20.959 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081151.D
Acq: 23 Feb 2024 09:35

Tgt Ion:146 Resp: 175772
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.8
148 64.1 31.3 93.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 22.060 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

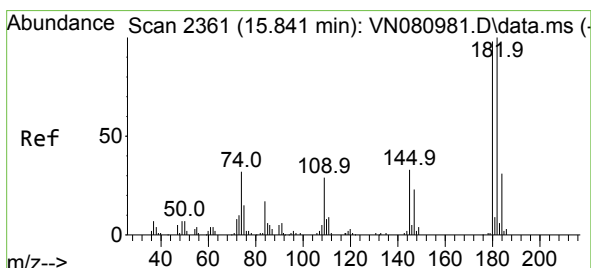
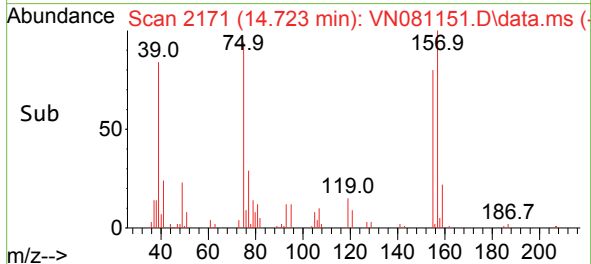
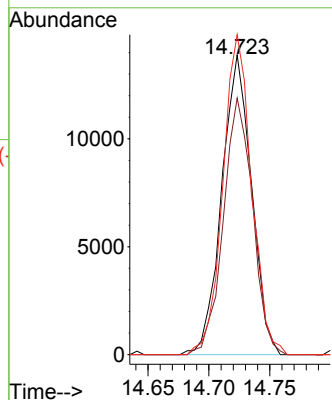
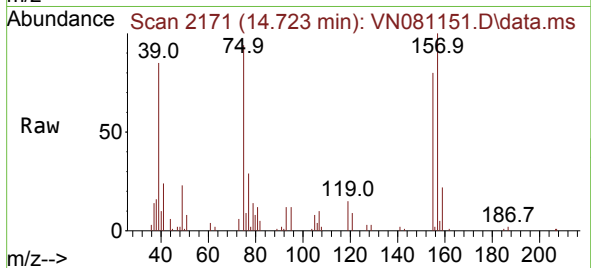
Tgt Ion: 75 Resp: 23645

Ion Ratio Lower Upper

75 100

155 84.0 61.7 92.5

157 102.9 83.6 125.4



#89

1,2,4-Trichlorobenzene

Concen: 23.679 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

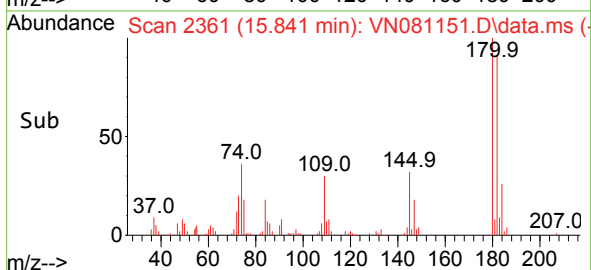
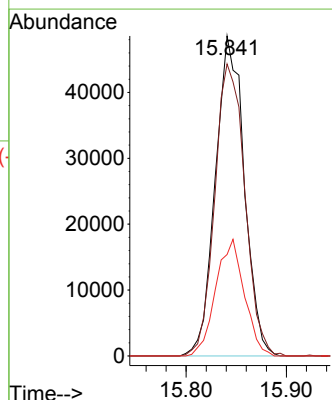
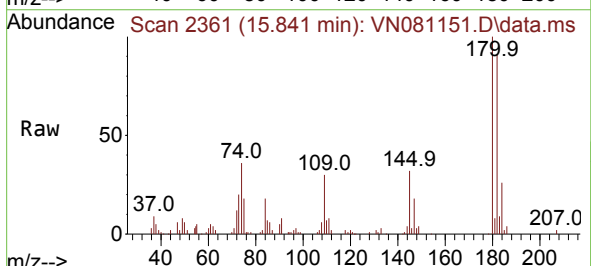
Tgt Ion:180 Resp: 97146

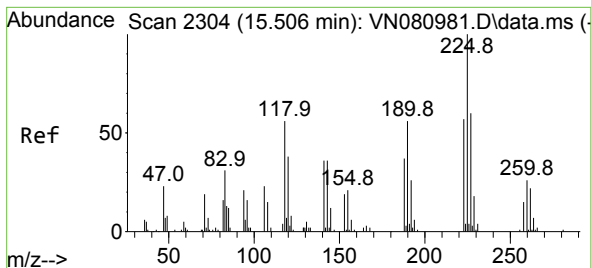
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 36.2 28.4 42.6





#90

Hexachlorobutadiene

Concen: 20.535 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

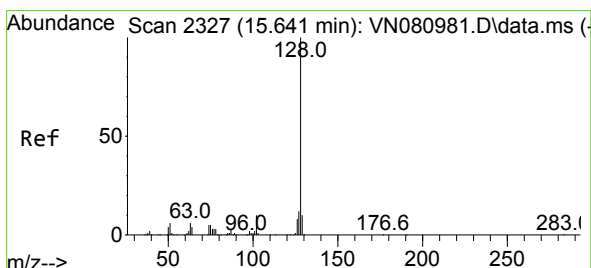
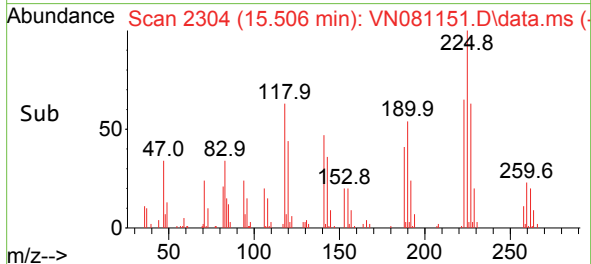
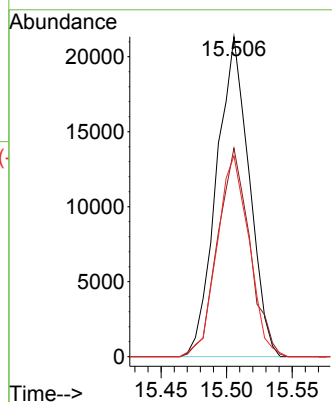
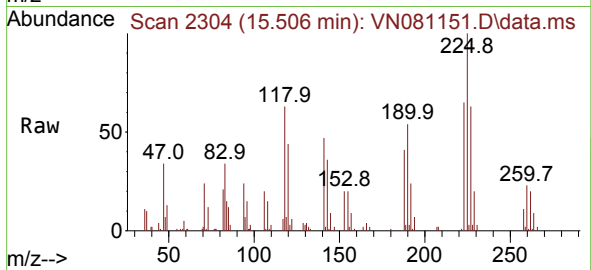
Tgt Ion:225 Resp: 36963

Ion Ratio Lower Upper

225 100

223 63.8 0.0 126.6

227 61.8 0.0 126.6



#91

Naphthalene

Concen: 23.642 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081151.D

Acq: 23 Feb 2024 09:35

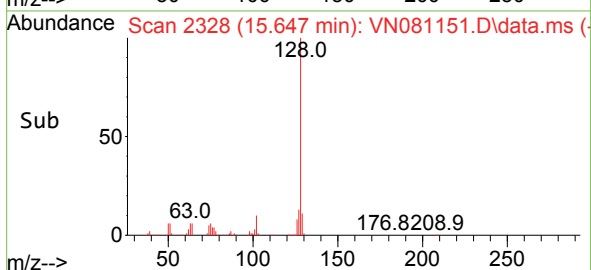
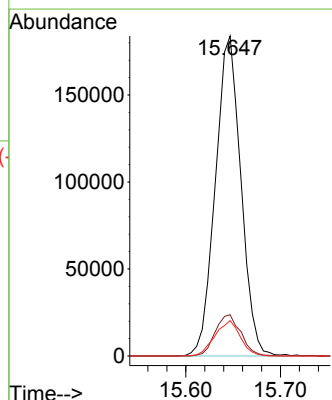
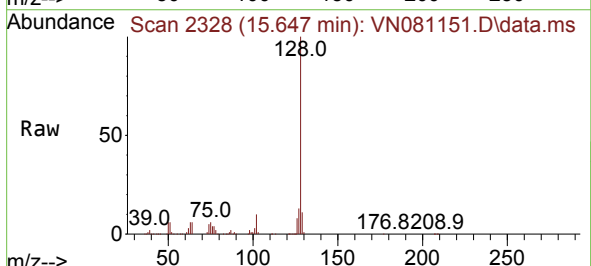
Tgt Ion:128 Resp: 344406

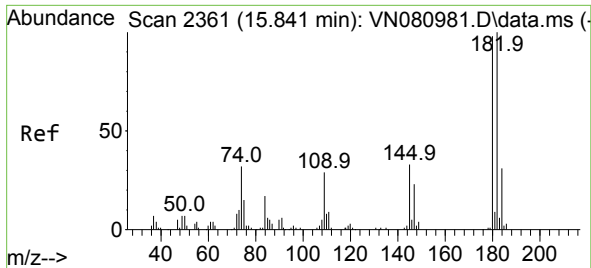
Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 23.679 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081151.D
 Acq: 23 Feb 2024 09:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 97146
 Ion Ratio Lower Upper
 180 100
 182 95.0 0.0 191.0
 145 36.2 0.0 71.0

