

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082024.D
 Acq On : 08 May 2024 09:33
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: May 09 01:00:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32790	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	193786	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	176192	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84168	30.659	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.200%			
60) 4-Bromofluorobenzene	12.847	95	84214	28.720	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.733%			
63) Toluene-d8	10.571	98	257255	30.745	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33037	17.750	ug/l	90
3) Chloromethane	2.359	50	43130	19.981	ug/l	96
4) Vinyl Chloride	2.518	62	41667	20.434	ug/l	100
5) Bromomethane	2.959	94	19862	18.666	ug/l	93
6) Chloroethane	3.124	64	26293	22.770	ug/l	99
7) Trichlorofluoromethane	3.495	101	53907	18.066	ug/l	93
8) Diethyl Ether	3.959	74	28250	19.558	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	38156	18.653	ug/l	59
10) 1,1-Dichloroethene	4.348	96	35919	17.949	ug/l	95
11) Methyl Iodide	4.595	142	28039	15.331	ug/l	77
12) Methyl Acetate	5.030	43	55036	21.963	ug/l #	84
13) Acrolein	4.171	56	20603	38.686	ug/l #	82
14) Acrylonitrile	5.718	53	117842	103.039	ug/l	99
15) Acetone	4.418	58	28880	112.691	ug/l	87
16) Carbon Disulfide	4.712	76	96451	17.396	ug/l #	92
17) Allyl chloride	5.024	41	71634	20.388	ug/l	85
18) Methylene Chloride	5.277	84	45388	19.933	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	22621	10.859	ug/l #	82
20) Diisopropyl ether	6.665	45	161812	20.815	ug/l #	88
21) 1,1-Dichloroethane	6.565	63	86815	21.091	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	49270	19.409	ug/l	89
23) tert-Butyl Alcohol	5.512	59	44127	93.671	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	139944	19.396	ug/l #	86
25) Chloroform	7.971	83	80806	20.405	ug/l	99
26) Cyclohexane	8.253	56	67602	18.992	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	54862	19.016	ug/l	97
30) 2-Butanone	7.483	43	153086	102.940	ug/l	94
31) 2,2-Dichloropropane	7.494	77	70556	23.865	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	64589	19.466	ug/l #	92
33) Carbon Tetrachloride	8.359	117	29543	10.971	ug/l	90
34) Benzene	8.606	78	184134	20.006	ug/l	99
35) Methacrylonitrile	7.777	41	34858	18.527	ug/l	93
36) 1,2-Dichloroethane	8.600	62	1323	0.428	ug/l	95
37) Trichloroethene	9.353	130	38218	16.953	ug/l #	77
38) Methylcyclohexane	9.600	83	66852	19.182	ug/l	97
39) 1,2-Dichloropropane	9.624	63	51245	21.699	ug/l	96
40) Dibromomethane	9.712	93	29839	19.668	ug/l	84
41) Bromodichloromethane	9.888	83	66562	20.527	ug/l	94
42) Vinyl Acetate	6.600	43	639614	101.049	ug/l	95

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 ALS Vial : 1 Sample Multiplier: 1

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 ClientSampleId :
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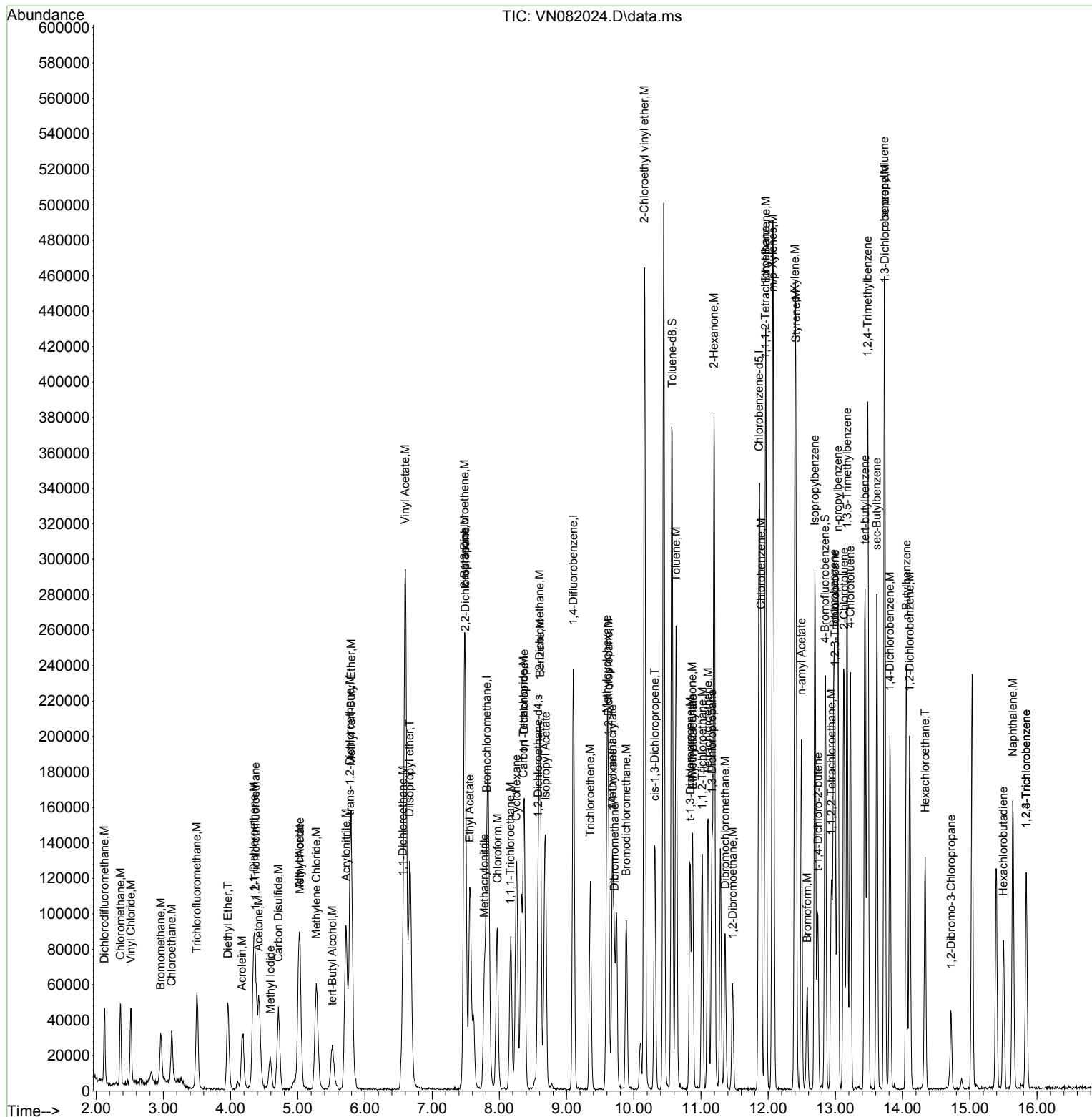
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	57795	17.825	ug/l #	93
44) Isopropyl Acetate	8.688	43	115697	20.099	ug/l	89
45) 1,4-Dioxane	9.688	88	18402	398.618	ug/l #	95
46) Methyl methacrylate	9.682	41	51139	19.445	ug/l	82
47) n-amyl Acetate	12.494	43	103792	19.991	ug/l	90
48) t-1,3-Dichloropropene	10.841	75	68382	19.446	ug/l #	89
49) cis-1,3-Dichloropropene	10.312	75	76193	20.493	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	41086	19.961	ug/l #	87
51) Ethyl methacrylate	10.876	69	76289	19.638	ug/l	83
52) 1,3-Dichloropropane	11.165	76	78240	20.690	ug/l	98
53) Dibromochloromethane	11.359	129	42752	19.090	ug/l	99
54) 1,2-Dibromoethane	11.471	107	40987	19.967	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	206064	106.078	ug/l	95
56) Bromoform	12.582	173	23833	17.486	ug/l	99
58) 4-Methyl-2-Pentanone	10.871	43	3632	1.062	ug/l	94
59) 2-Hexanone	11.194	43	254086	100.169	ug/l #	88
61) Tetrachloroethene	11.106	164	33285	17.025	ug/l	93
62) Toluene	10.629	91	185432	18.705	ug/l	97
64) Chlorobenzene	11.894	112	116945	19.287	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	38139	19.217	ug/l	95
66) Ethyl Benzene	11.965	91	205294	18.892	ug/l	100
67) m/p-Xylenes	12.071	106	157032	38.976	ug/l	97
68) o-Xylene	12.400	106	74159	18.604	ug/l	99
69) Styrene	12.412	104	128194	19.158	ug/l	99
70) Isopropylbenzene	12.694	105	189794	18.747	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	58777	20.175	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	79316	29.121	ug/l	65
73) Bromobenzene	12.976	156	39745	18.340	ug/l	76
74) n-propylbenzene	13.035	91	233634	19.561	ug/l	98
75) 2-Chlorotoluene	13.129	91	144067	19.498	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	154015	18.795	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	23752	19.593	ug/l	86
78) 4-Chlorotoluene	13.223	91	135970	18.784	ug/l	98
79) tert-butylbenzene	13.441	119	129781	18.394	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	152867	18.572	ug/l	97
81) sec-Butylbenzene	13.617	105	190103	19.222	ug/l	98
82) p-Isopropyltoluene	13.729	119	147665	18.882	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	73499	18.836	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	72926	18.594	ug/l	97
85) n-Butylbenzene	14.059	91	141614	19.824	ug/l	97
86) Hexachloroethane	14.335	117	28949	18.565	ug/l	74
87) 1,2-Dichlorobenzene	14.106	146	74351	19.131	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11584	17.719	ug/l	88
89) 1,2,4-Trichlorobenzene	15.841	180	36556	17.082	ug/l	100
90) Hexachlorobutadiene	15.500	225	11938	15.062	ug/l	98
91) Naphthalene	15.641	128	141494	17.393	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36556	17.082	ug/l	100

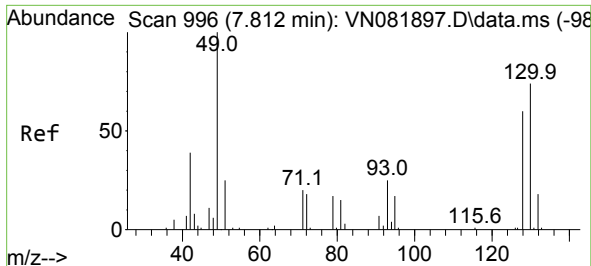
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

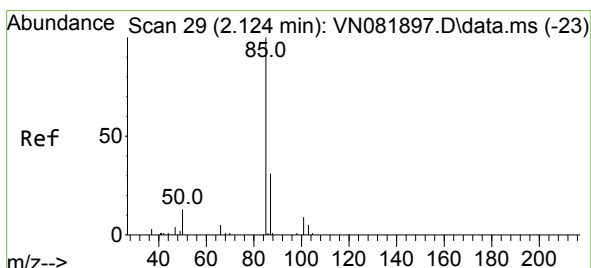
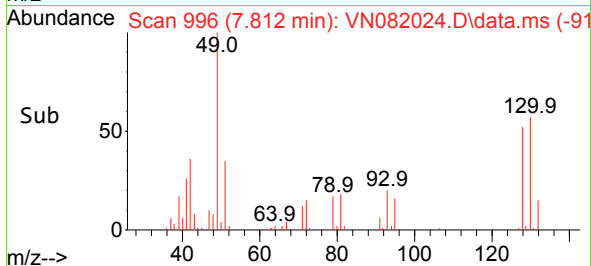
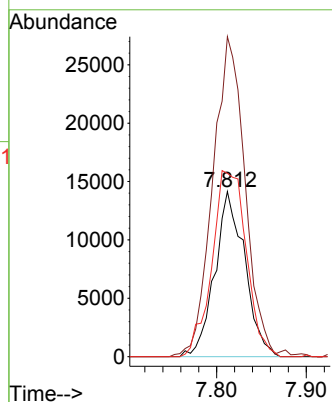
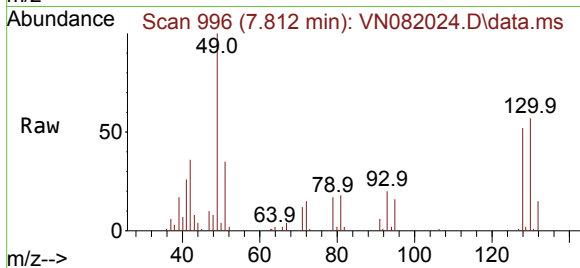
Tgt Ion:128 Resp: 32790

Ion Ratio Lower Upper

128 100

49 207.7 0.0 403.7

130 83.1 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 17.750 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082024.D

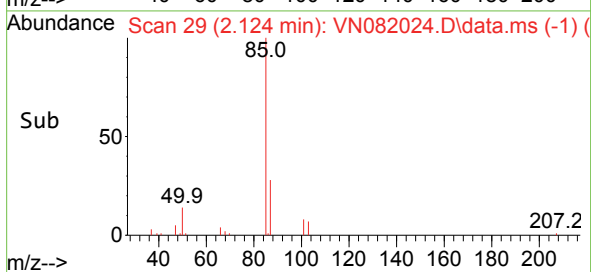
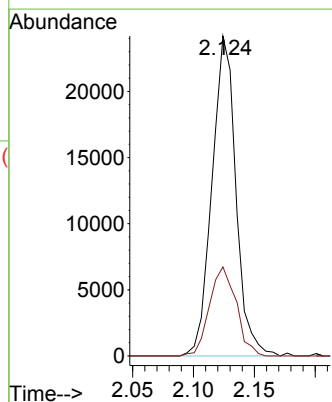
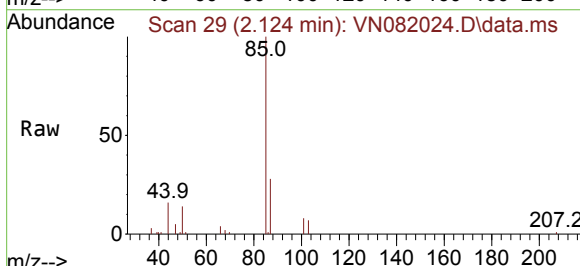
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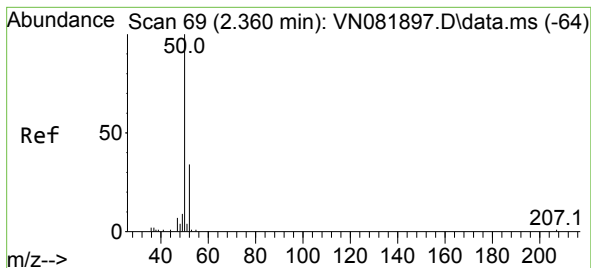
Tgt Ion: 85 Resp: 33037

Ion Ratio Lower Upper

85 100

87 27.9 16.8 50.3





#3

Chloromethane

Concen: 19.981 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

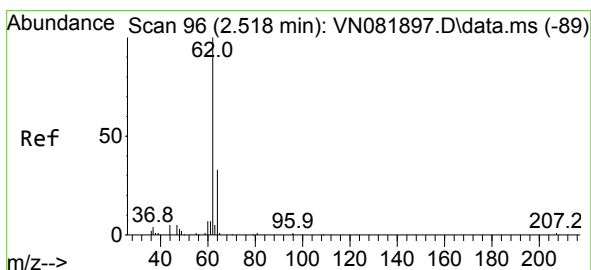
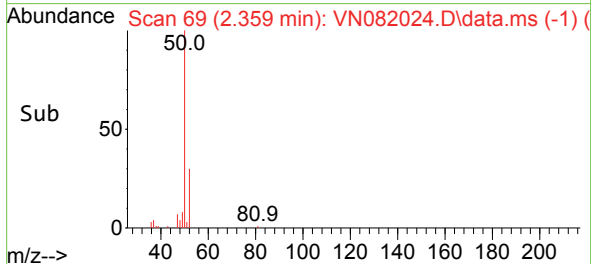
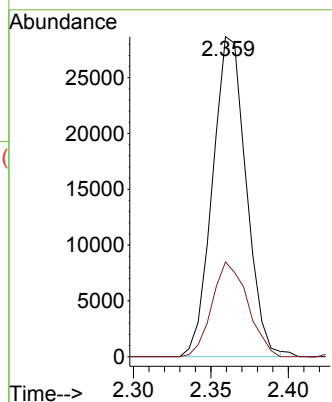
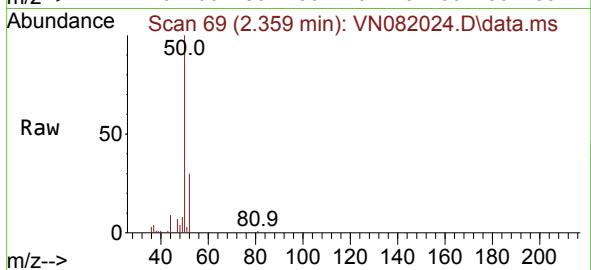
VSTDCCC020

Tgt Ion: 50 Resp: 43130

Ion Ratio Lower Upper

50 100

52 29.6 25.4 38.0



#4

Vinyl Chloride

Concen: 20.434 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN082024.D

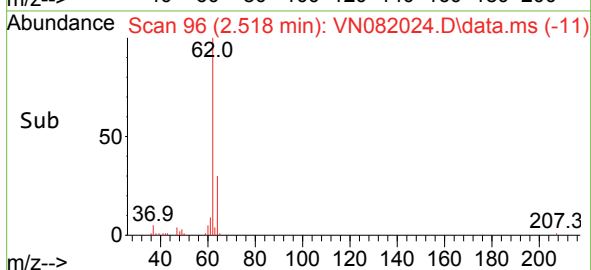
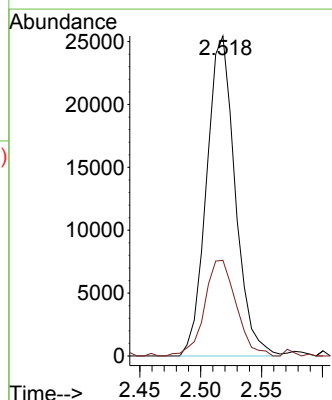
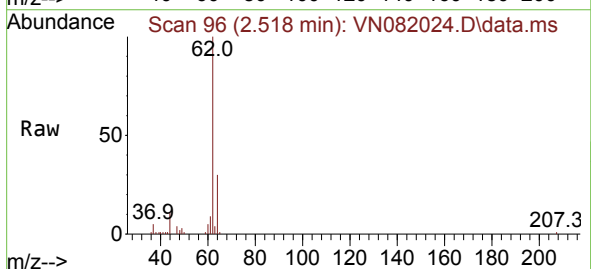
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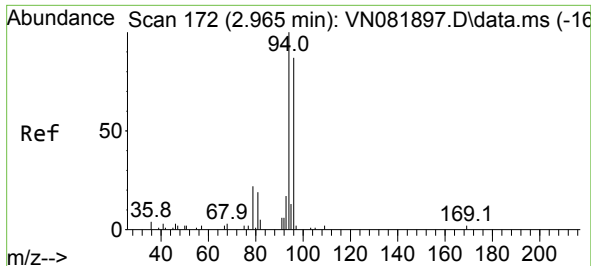
Tgt Ion: 62 Resp: 41667

Ion Ratio Lower Upper

62 100

64 29.9 24.1 36.1

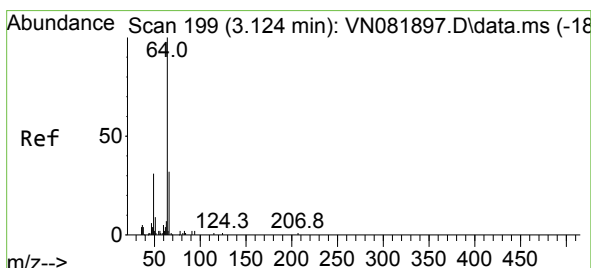
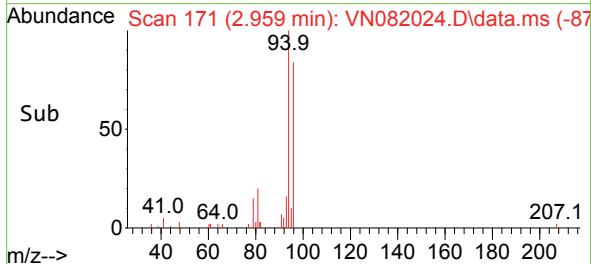
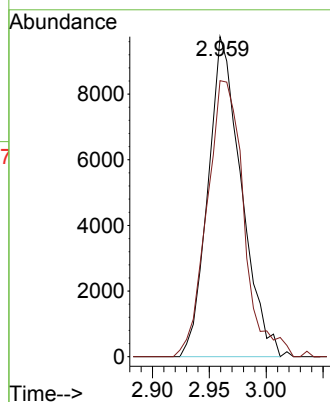
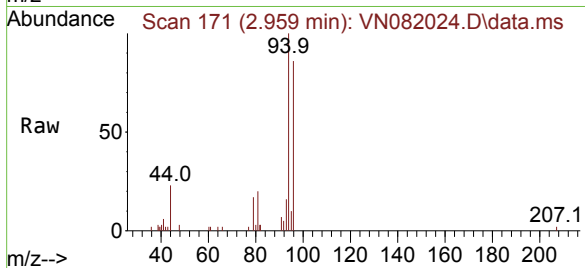




#5
Bromomethane
Concen: 18.666 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

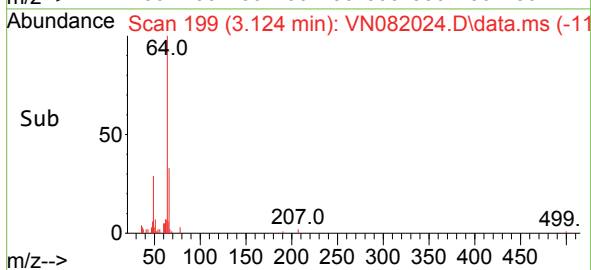
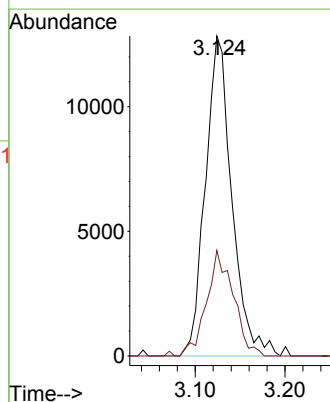
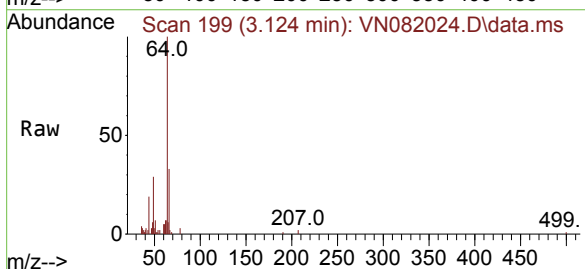
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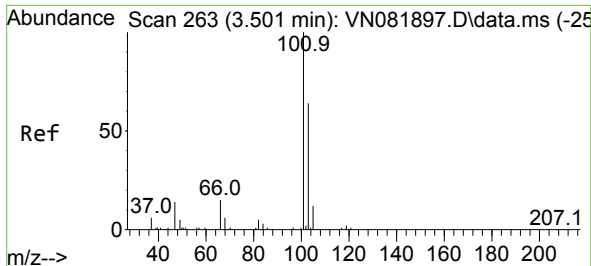
Tgt Ion: 94 Resp: 19862
Ion Ratio Lower Upper
94 100
96 84.2 72.8 109.2



#6
Chloroethane
Concen: 22.770 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 64 Resp: 26293
Ion Ratio Lower Upper
64 100
66 33.0 26.7 40.1

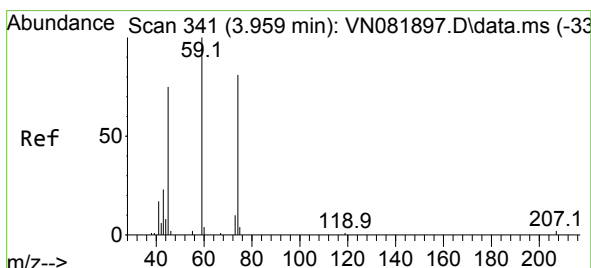
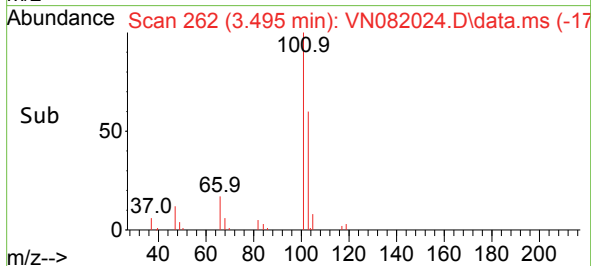
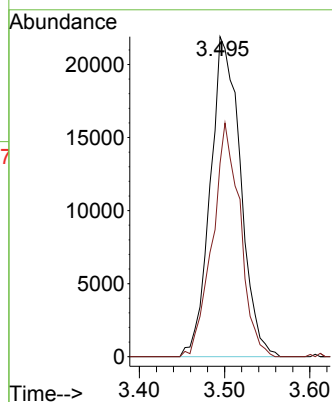
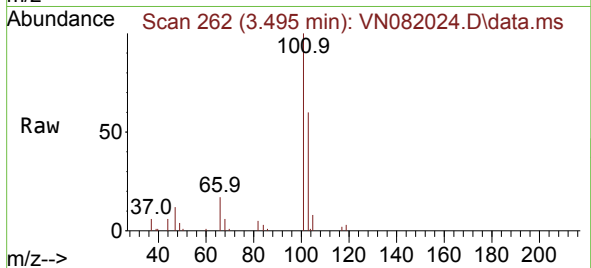




#7
Trichlorofluoromethane
Concen: 18.066 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

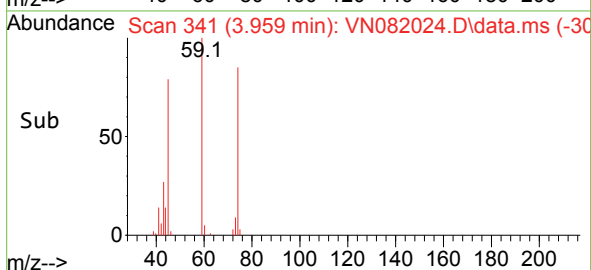
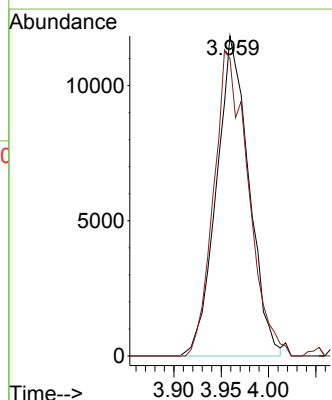
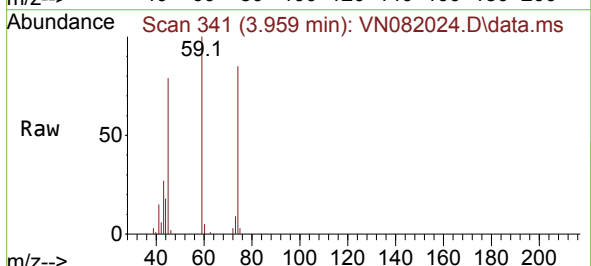
Instrument :
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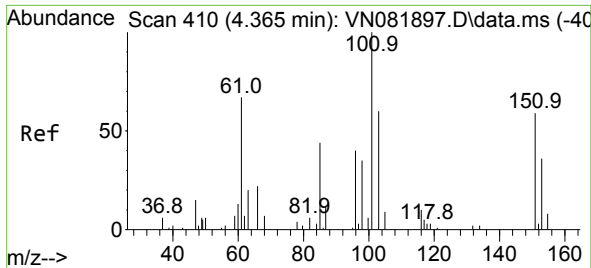
Tgt Ion:101 Resp: 53907
Ion Ratio Lower Upper
101 100
103 60.4 53.0 79.4



#8
Diethyl Ether
Concen: 19.558 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 74 Resp: 28250
Ion Ratio Lower Upper
74 100
45 101.2 16.4 147.4

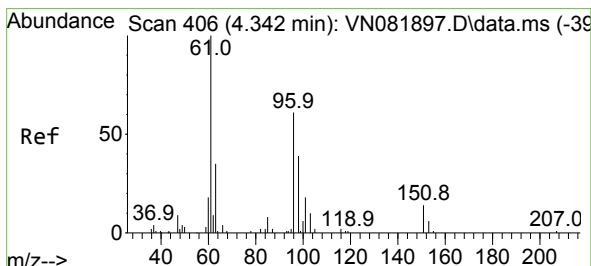
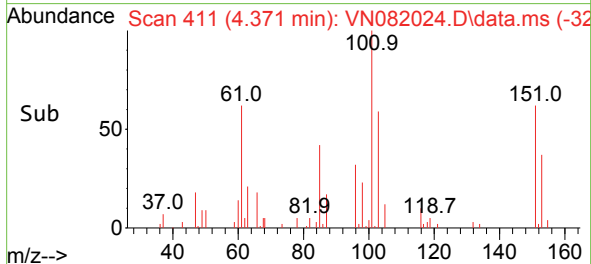
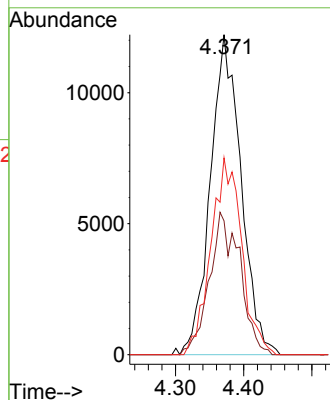
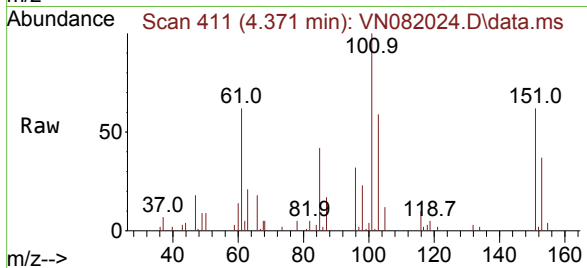




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.653 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

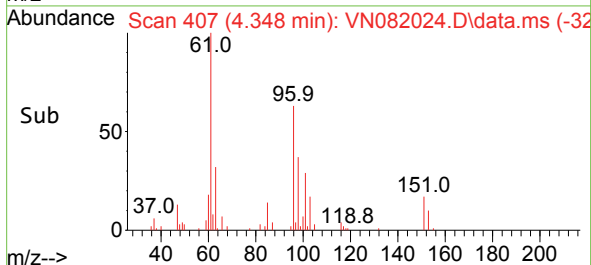
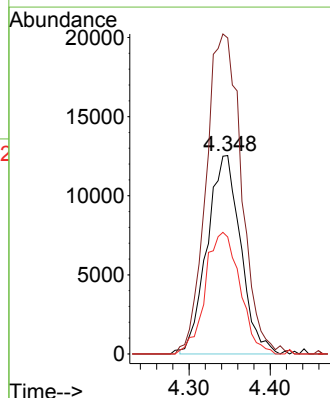
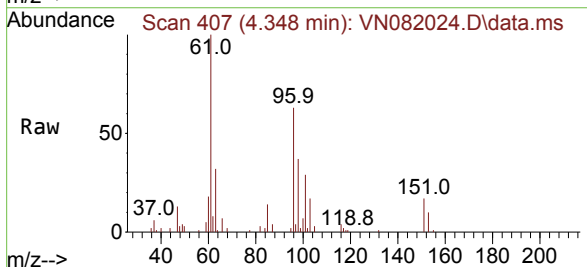
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

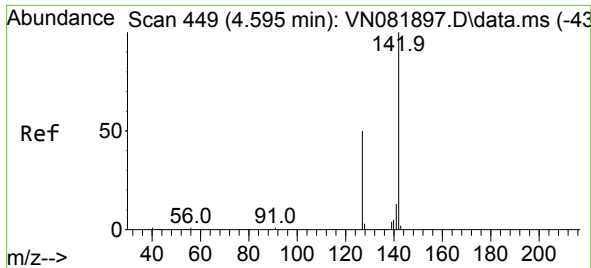
Tgt Ion:101 Resp: 38156
Ion Ratio Lower Upper
101 100
85 27.0 0.0 90.6
151 36.3 0.0 157.6



#10
1,1-Dichloroethene
Concen: 17.949 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 96 Resp: 35919
Ion Ratio Lower Upper
96 100
61 155.5 117.6 176.4
98 58.9 48.4 72.6

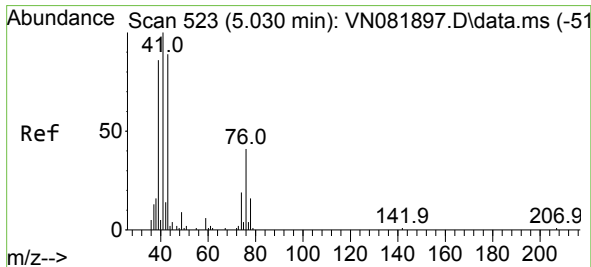
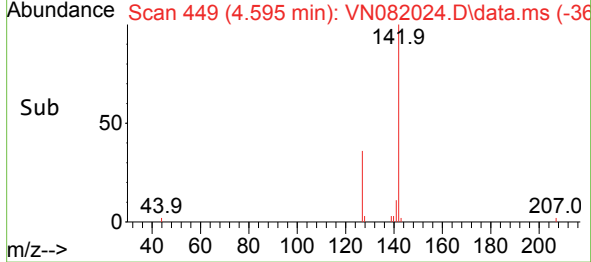
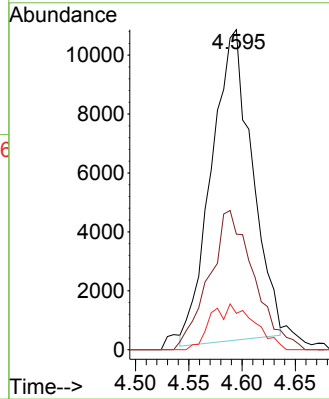
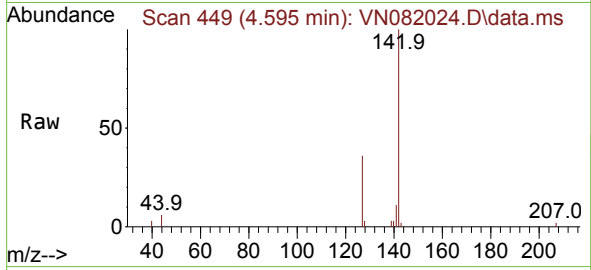




#11
Methyl Iodide
Concen: 15.331 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

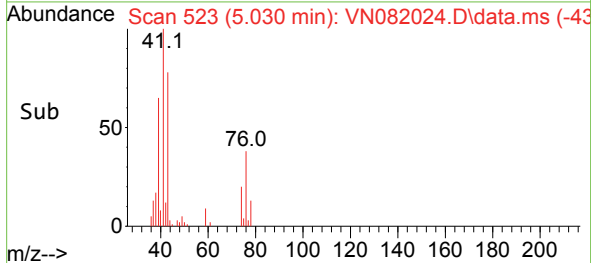
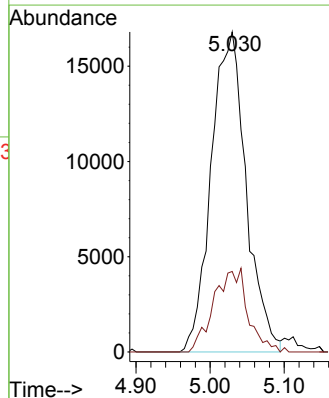
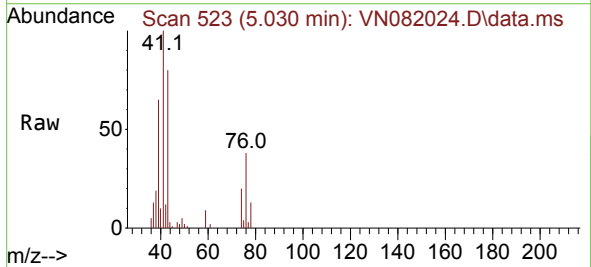
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

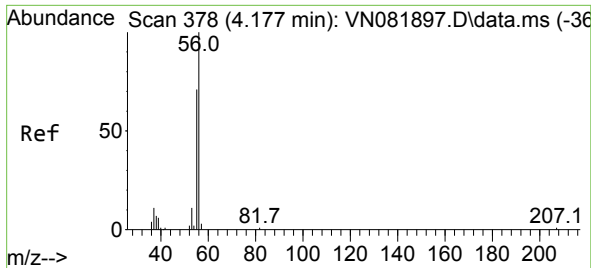
Tgt Ion:142 Resp: 28039
Ion Ratio Lower Upper
142 100
127 33.7 26.3 78.9
141 11.1 8.3 24.9



#12
Methyl Acetate
Concen: 21.963 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 43 Resp: 55036
Ion Ratio Lower Upper
43 100
74 25.6 27.7 41.5#





#13

Acrolein

Concen: 38.686 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

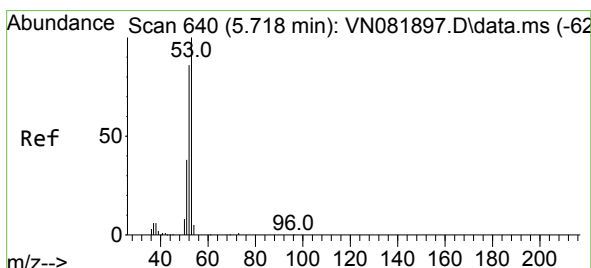
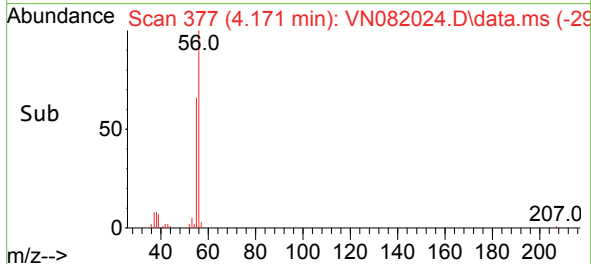
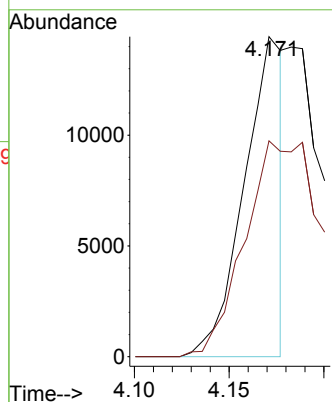
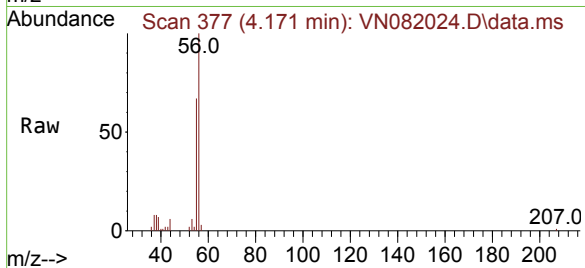
VSTDCCC020

Tgt Ion: 56 Resp: 20603

Ion Ratio Lower Upper

56 100

55 84.1 55.5 83.3#



#14

Acrylonitrile

Concen: 103.039 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

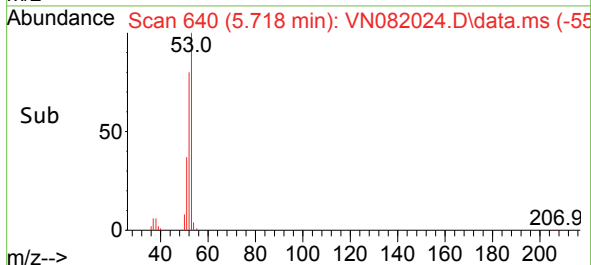
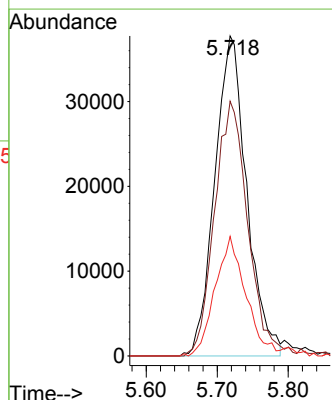
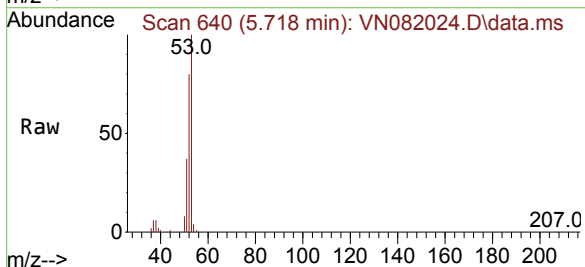
Tgt Ion: 53 Resp: 117842

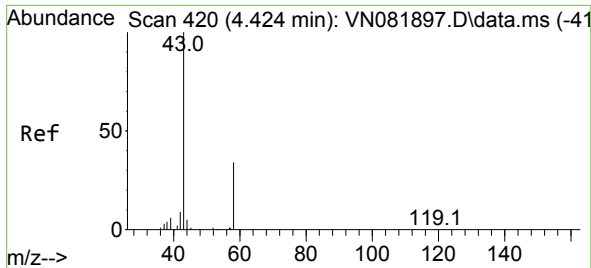
Ion Ratio Lower Upper

53 100

52 82.4 41.3 123.9

51 35.0 16.8 50.3





#15

Acetone

Concen: 112.691 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

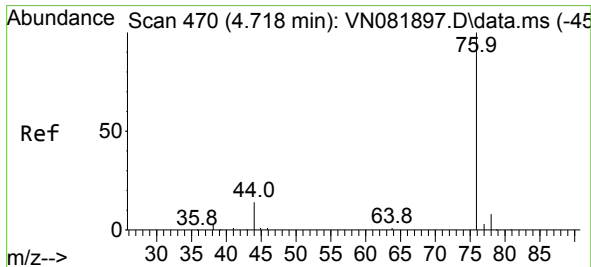
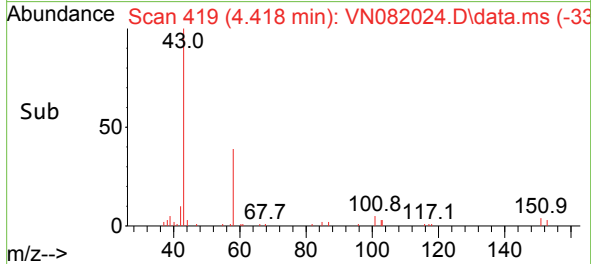
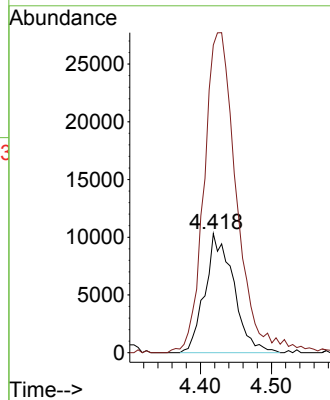
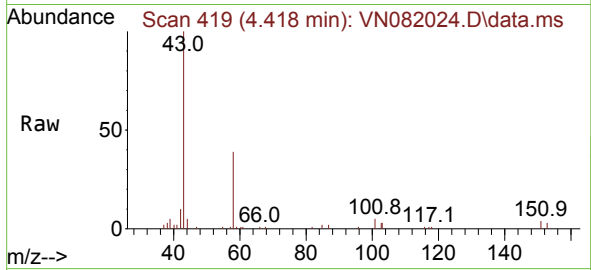
VSTDCCC020

Tgt Ion: 58 Resp: 28880

Ion Ratio Lower Upper

58 100

43 255.4 223.1 334.7



#16

Carbon Disulfide

Concen: 17.396 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082024.D

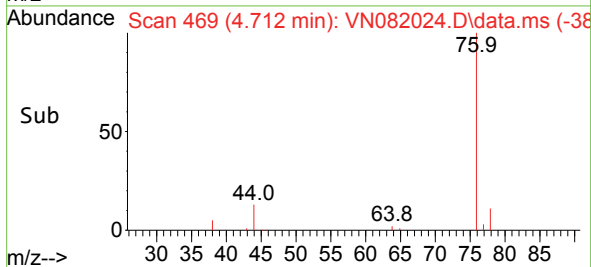
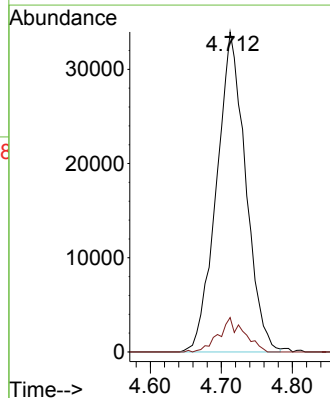
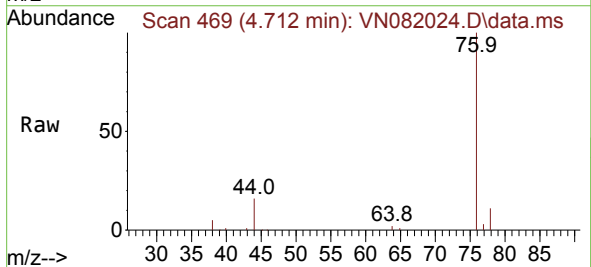
Acq: 08 May 2024 09:33

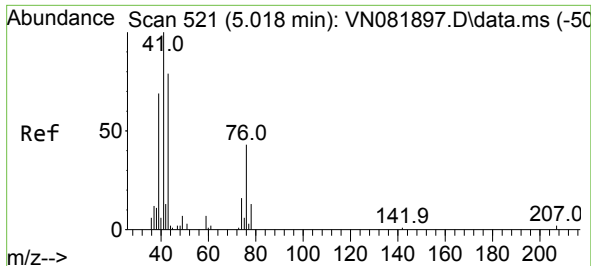
Tgt Ion: 76 Resp: 96451

Ion Ratio Lower Upper

76 100

78 10.8 6.3 9.5#





#17

Allyl chloride

Concen: 20.388 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

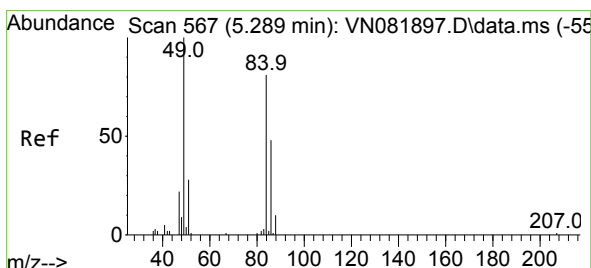
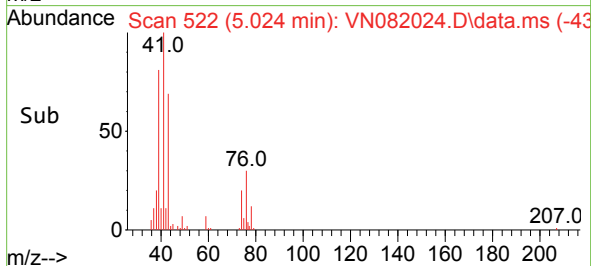
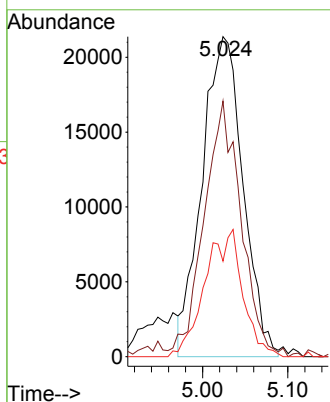
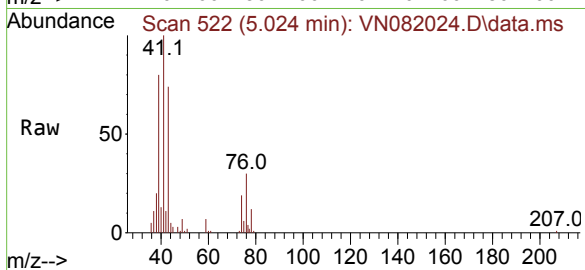
Tgt Ion: 41 Resp: 71634

Ion Ratio Lower Upper

41 100

39 78.5 37.6 112.9

76 33.2 27.8 83.4



#18

Methylene Chloride

Concen: 19.933 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.012 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Tgt Ion: 84 Resp: 45388

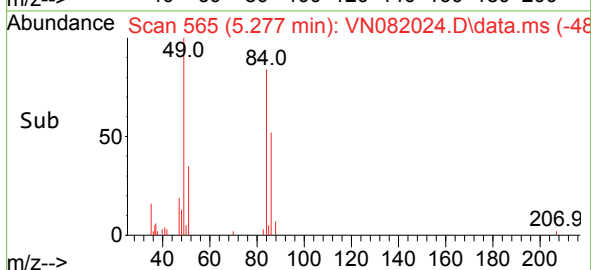
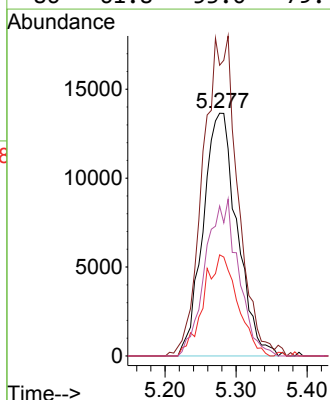
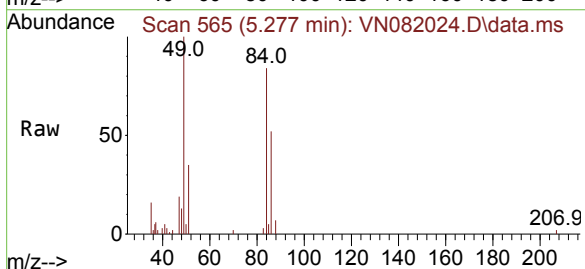
Ion Ratio Lower Upper

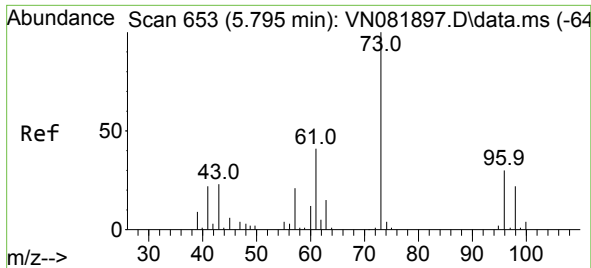
84 100

49 116.0 86.0 129.0

51 41.6 30.0 45.0

86 61.8 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 10.859 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.018 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

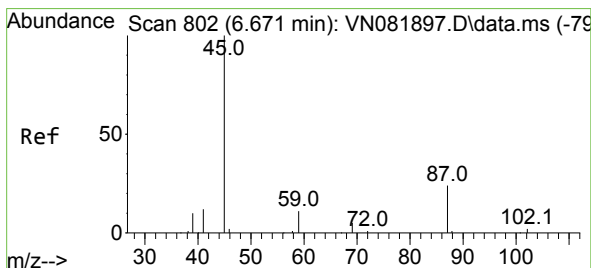
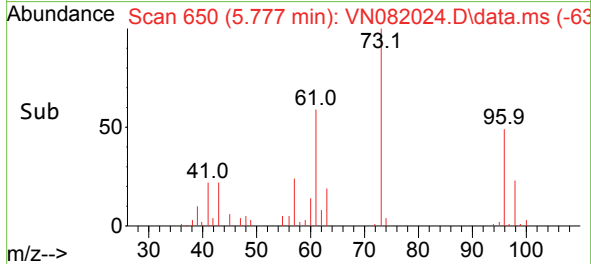
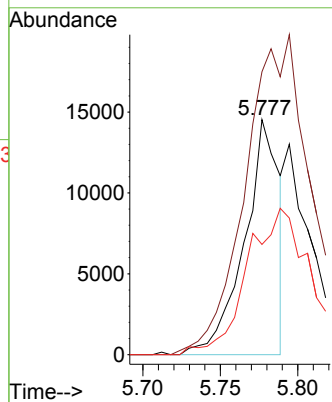
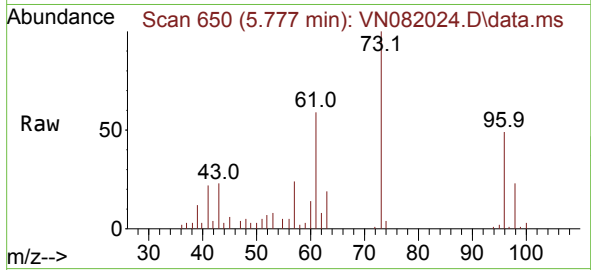
Tgt Ion: 96 Resp: 22621

Ion Ratio Lower Upper

96 100

61 118.6 111.8 167.6

98 46.9 49.2 73.8#



#20

Diisopropyl ether

Concen: 20.815 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Tgt Ion: 45 Resp: 161812

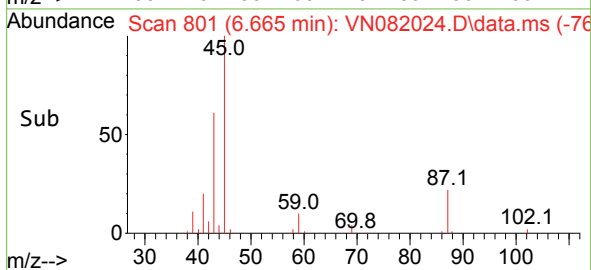
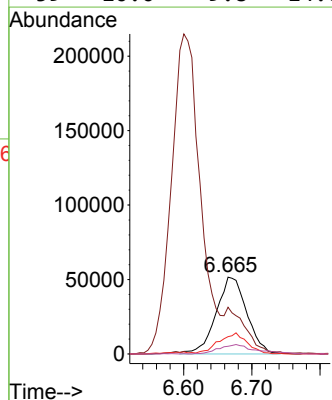
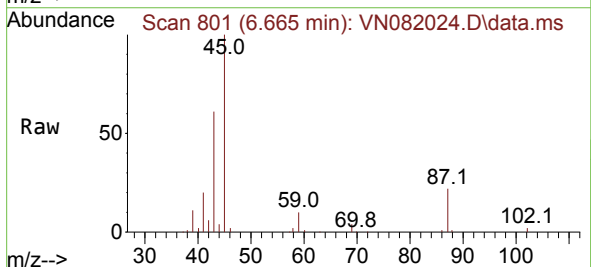
Ion Ratio Lower Upper

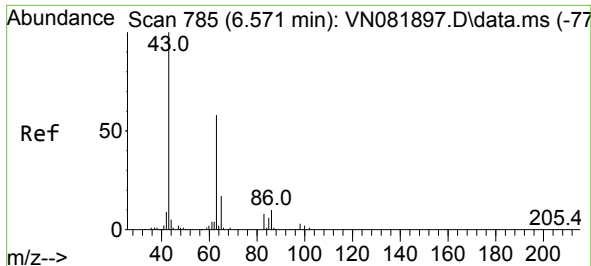
45 100

43 58.2 40.4 60.6

87 21.9 23.8 35.8#

59 10.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.091 ug/l

RT: 6.565 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

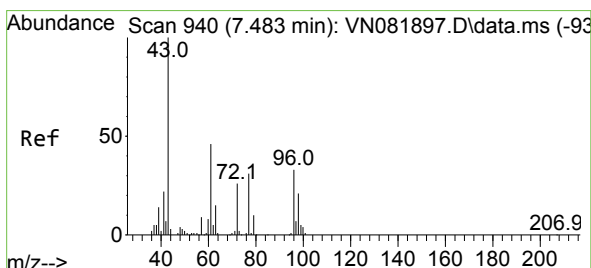
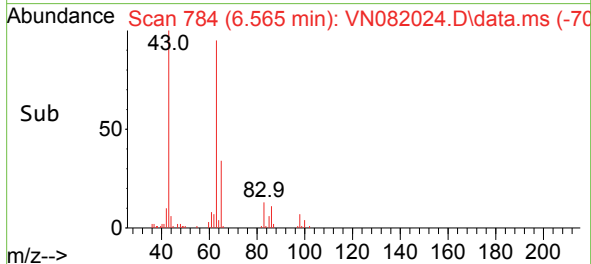
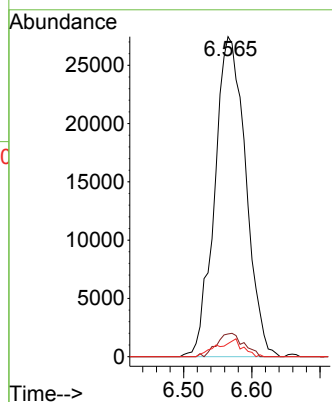
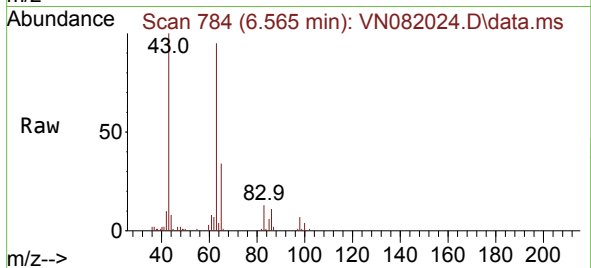
Tgt Ion: 63 Resp: 86815

Ion Ratio Lower Upper

63 100

98 7.1 4.1 12.3

100 4.1 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 19.409 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

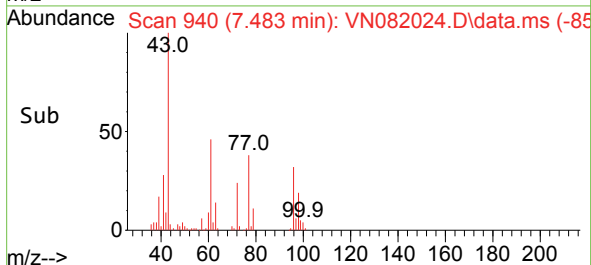
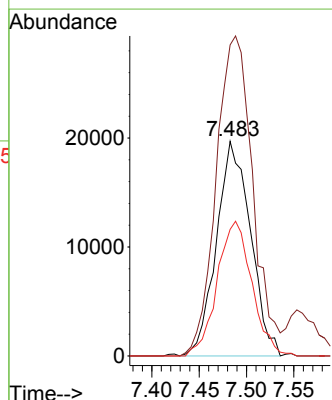
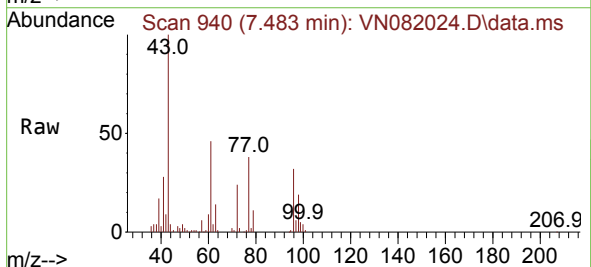
Tgt Ion: 96 Resp: 49270

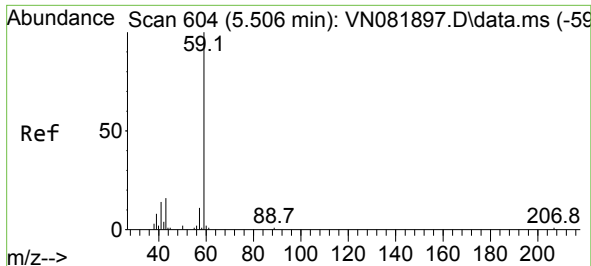
Ion Ratio Lower Upper

96 100

61 160.1 113.5 170.3

98 64.1 52.0 78.0

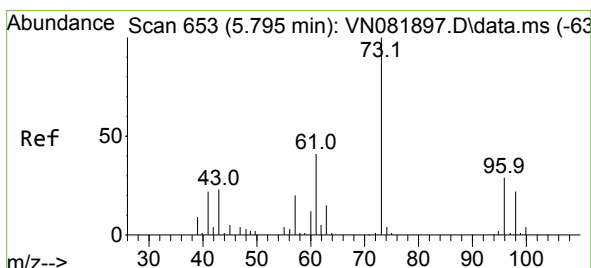
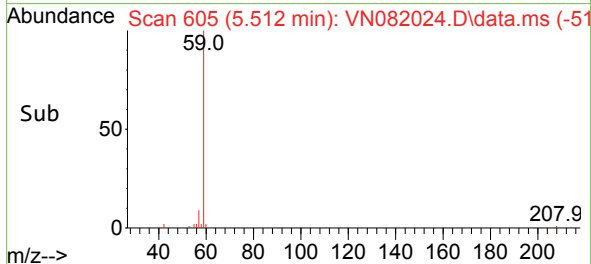
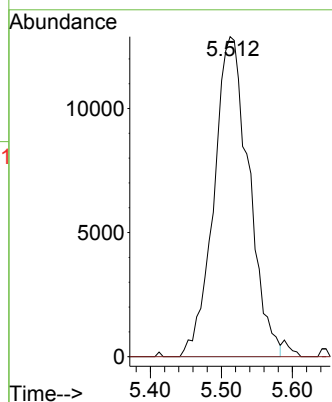
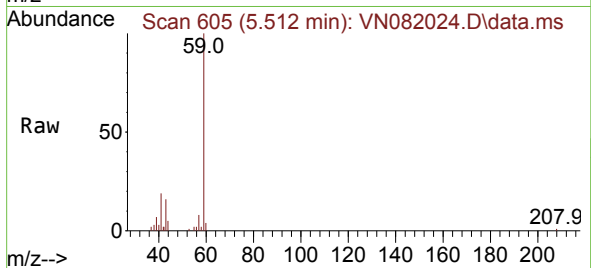




#23
tert-Butyl Alcohol
Concen: 93.671 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

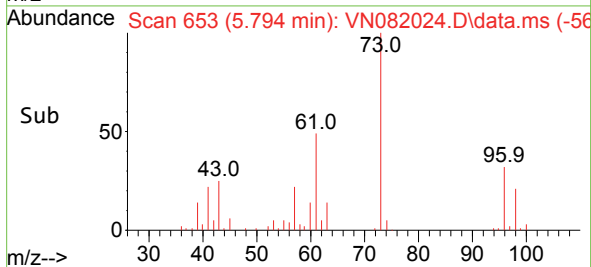
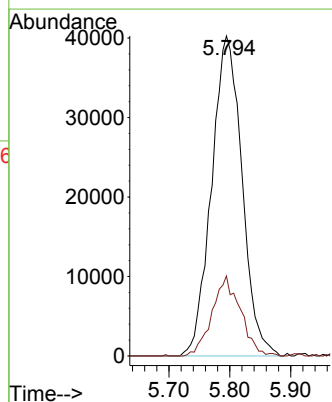
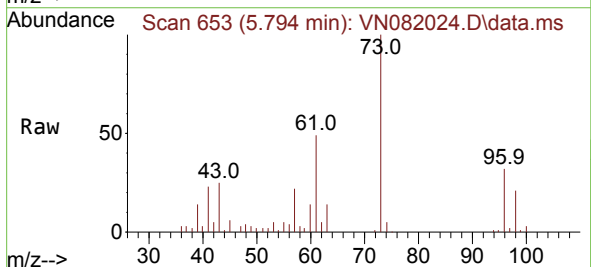
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

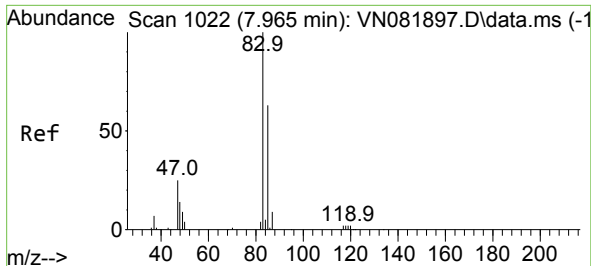
Tgt Ion: 59 Resp: 44127
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.396 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 73 Resp: 139944
Ion Ratio Lower Upper
73 100
43 23.0 13.4 20.2#

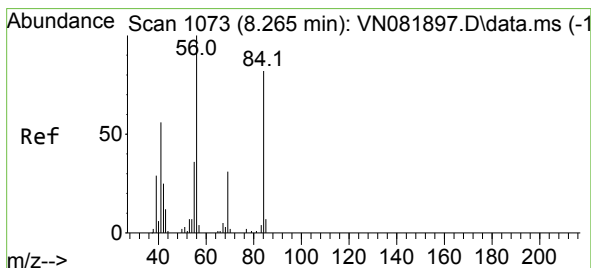
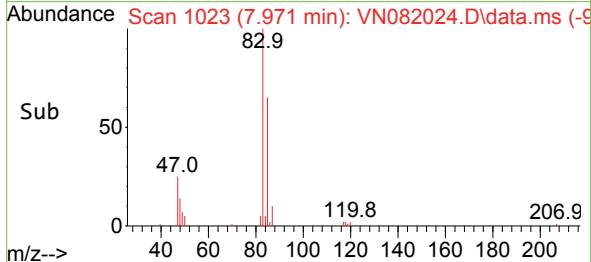
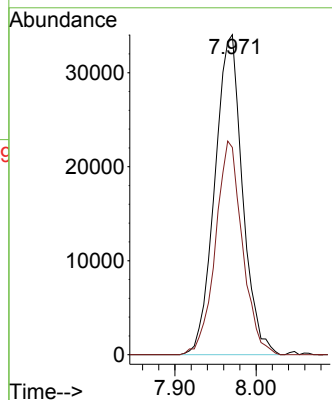
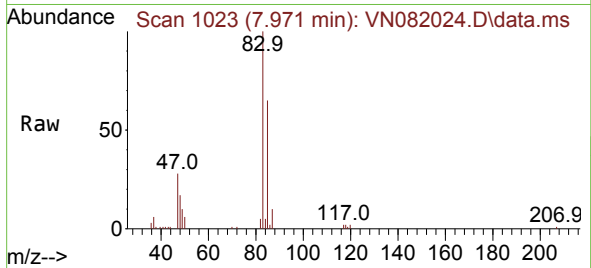




#25
Chloroform
Concen: 20.405 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

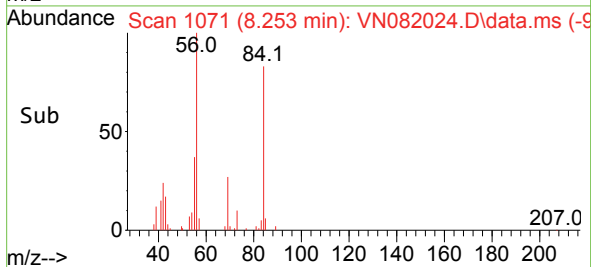
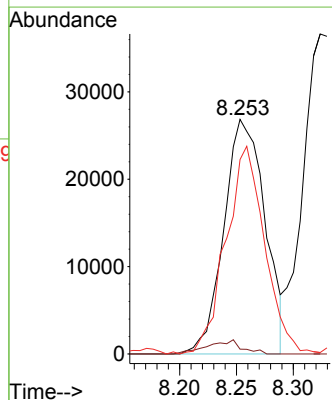
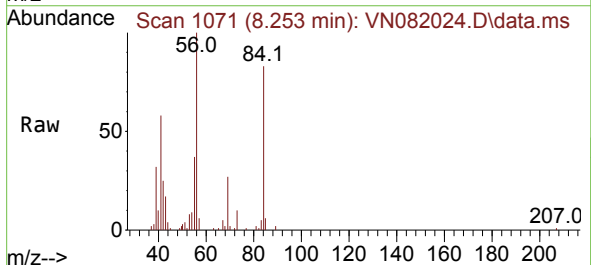
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

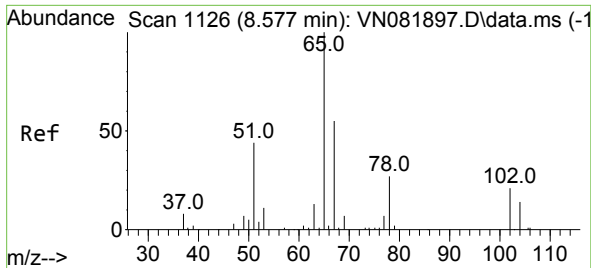
Tgt Ion: 83 Resp: 80806
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3



#26
Cyclohexane
Concen: 18.992 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 56 Resp: 67602
Ion Ratio Lower Upper
56 100
89 1.8 19.3 28.9#
84 83.1 71.3 106.9

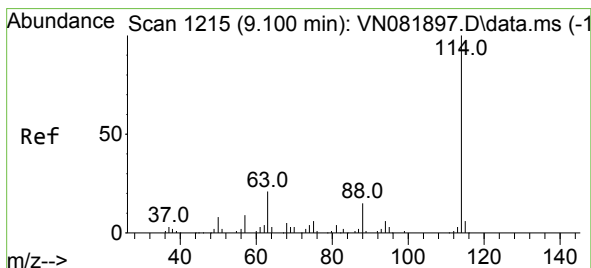
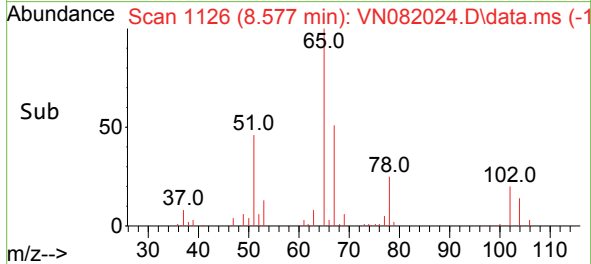
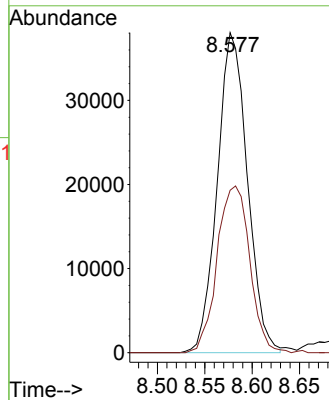
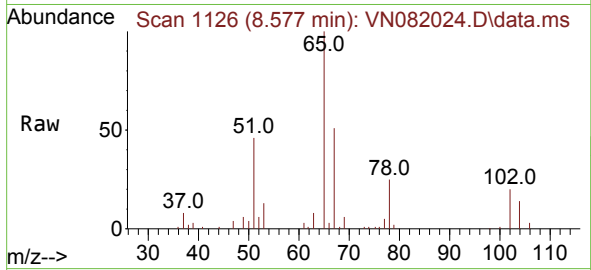




#27
 1,2-Dichloroethane-d4
 Concen: 30.659 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

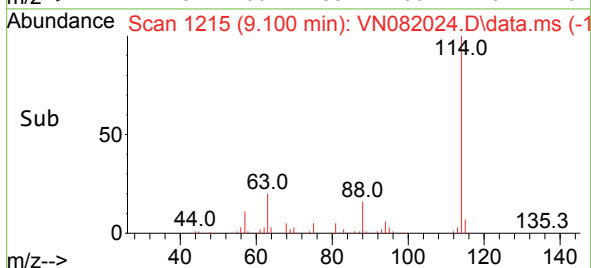
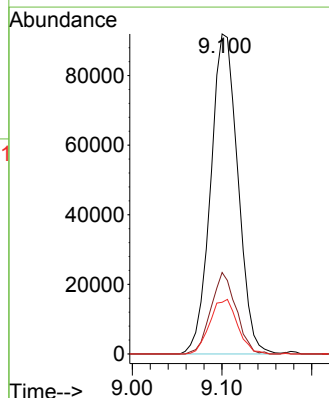
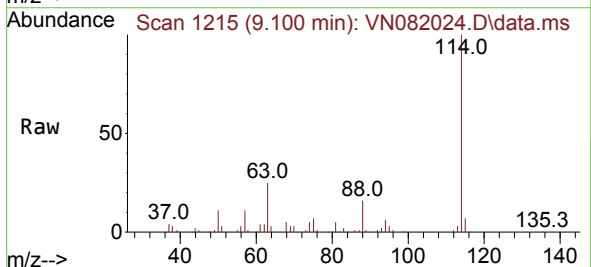
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

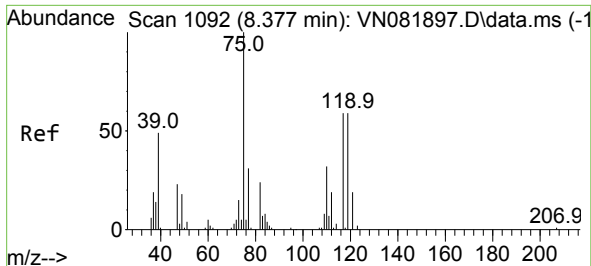
Tgt Ion: 65 Resp: 84168
 Ion Ratio Lower Upper
 65 100
 67 56.3 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

Tgt Ion: 114 Resp: 193786
 Ion Ratio Lower Upper
 114 100
 63 23.5 15.9 23.9
 88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.016 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

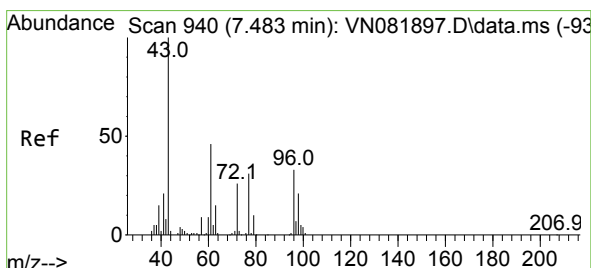
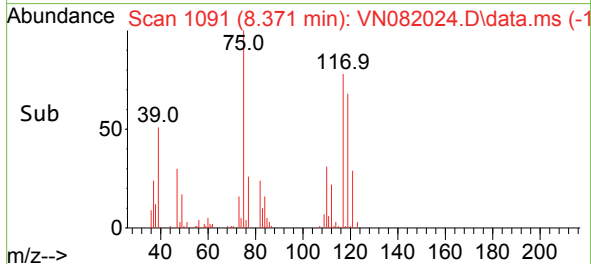
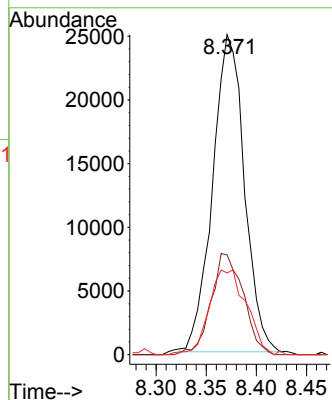
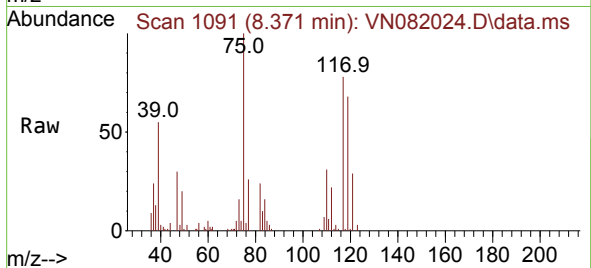
Tgt Ion: 75 Resp: 54862

Ion Ratio Lower Upper

75 100

110 32.3 0.0 70.2

77 31.2 0.0 61.4



#30

2-Butanone

Concen: 102.940 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

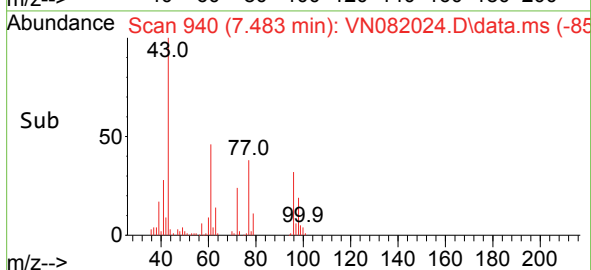
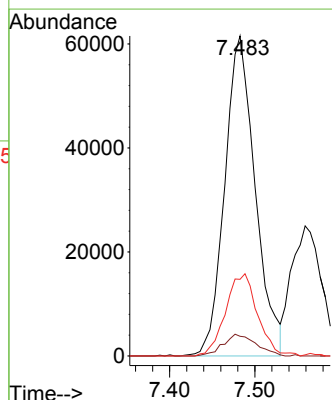
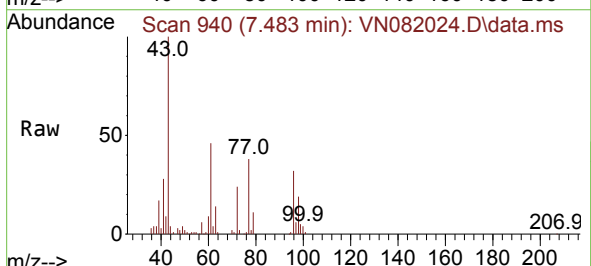
Tgt Ion: 43 Resp: 153086

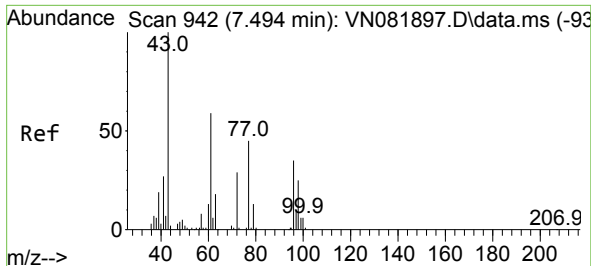
Ion Ratio Lower Upper

43 100

57 7.3 6.7 10.1

72 26.6 24.0 36.0

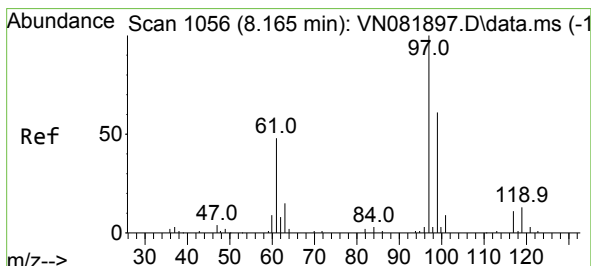
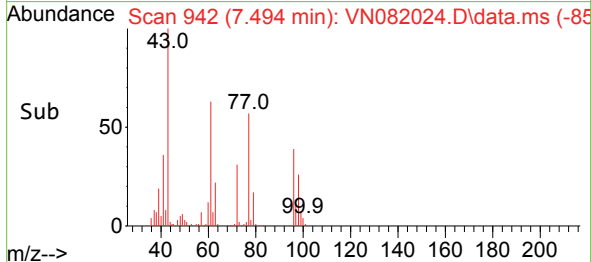
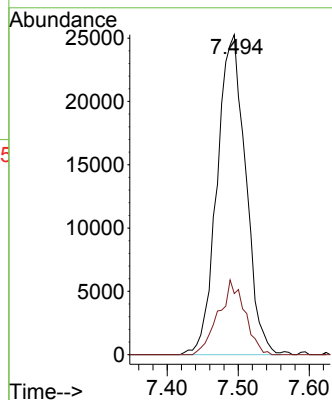
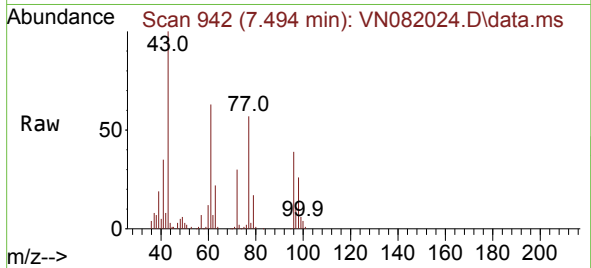




#31
2,2-Dichloropropane
Concen: 23.865 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

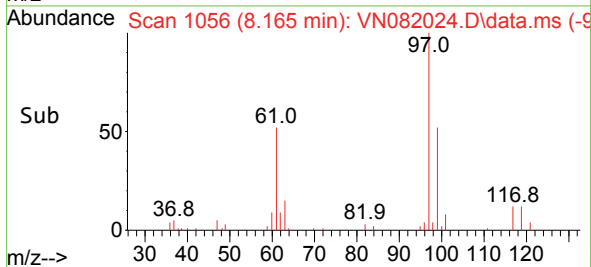
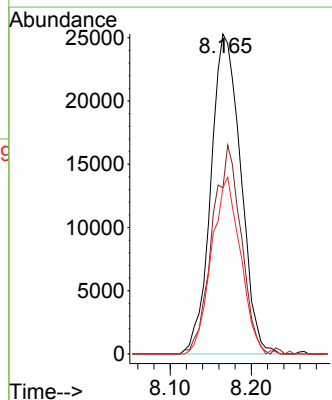
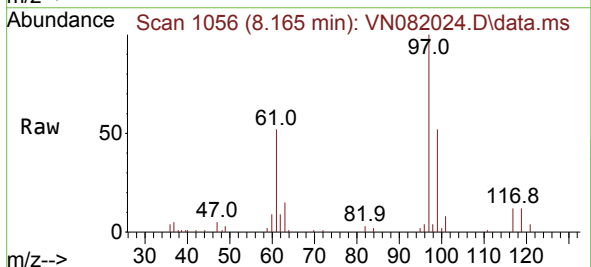
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

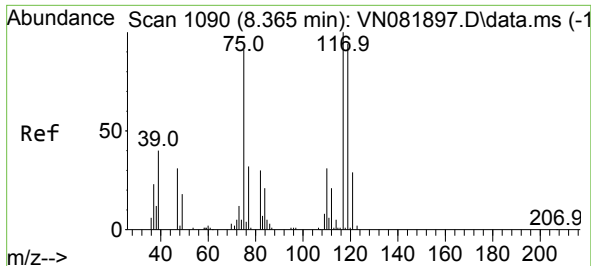
Tgt Ion: 77 Resp: 70556
Ion Ratio Lower Upper
77 100
97 15.3 18.3 27.5#



#32
1,1,1-Trichloroethane
Concen: 19.466 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 97 Resp: 64589
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 53.4 33.8 50.8#

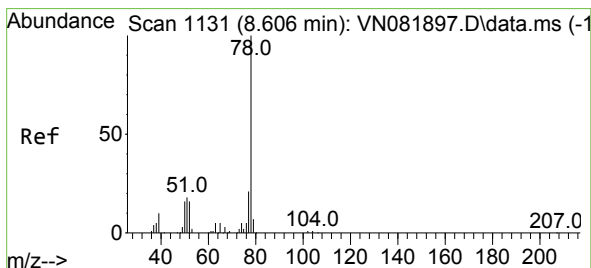
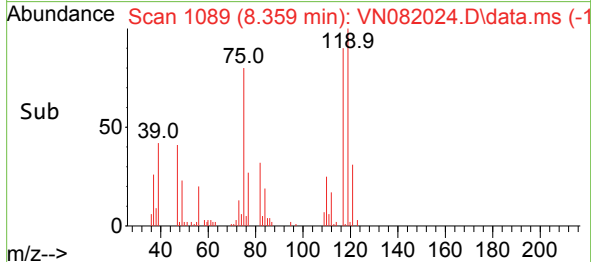
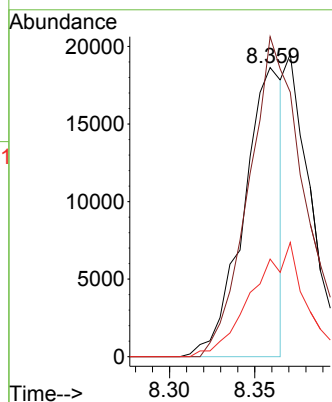
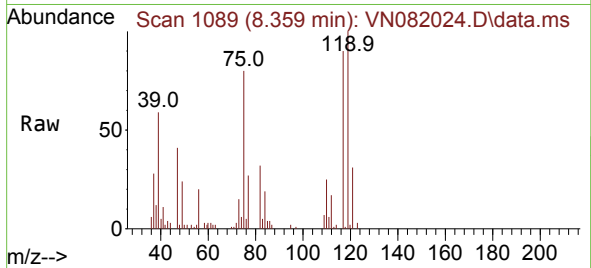




#33
Carbon Tetrachloride
Concen: 10.971 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

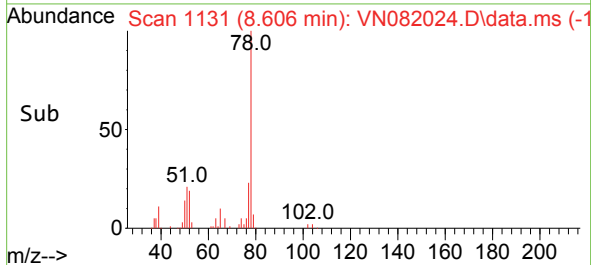
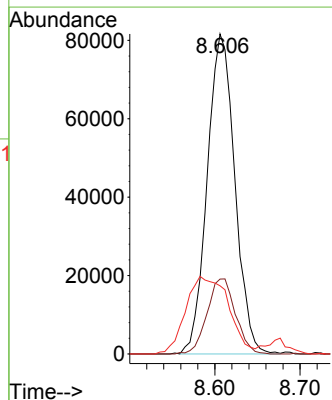
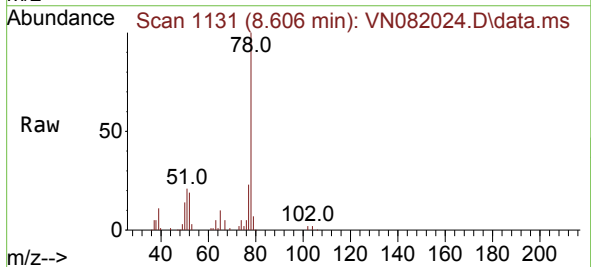
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

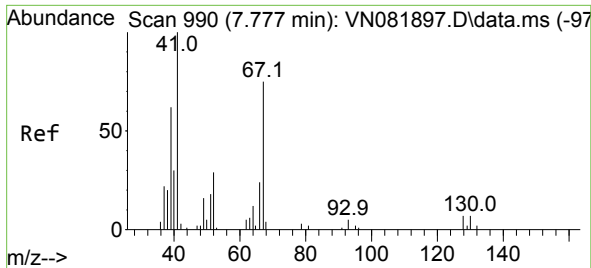
Tgt Ion:117 Resp: 29543
Ion Ratio Lower Upper
117 100
119 110.7 77.7 116.5
121 33.8 27.0 40.6



#34
Benzene
Concen: 20.006 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 78 Resp: 184134
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 16.3 13.3 19.9

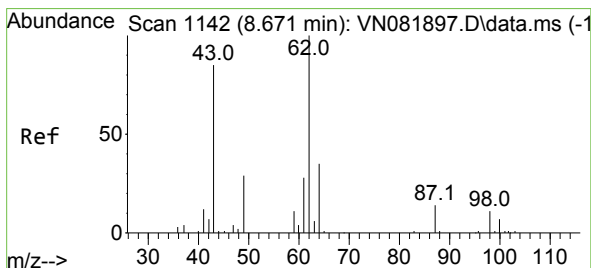
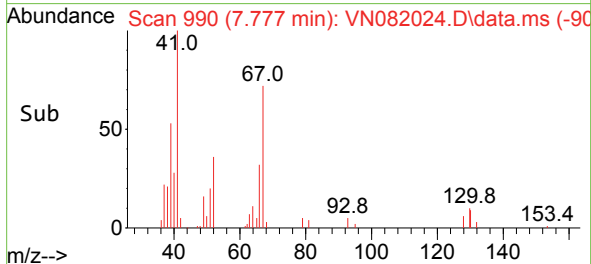
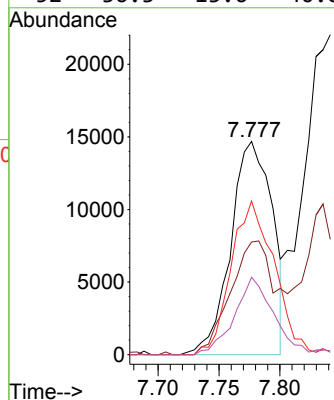
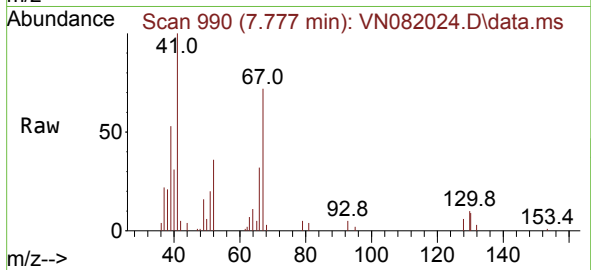




#35
Methacrylonitrile
Concen: 18.527 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

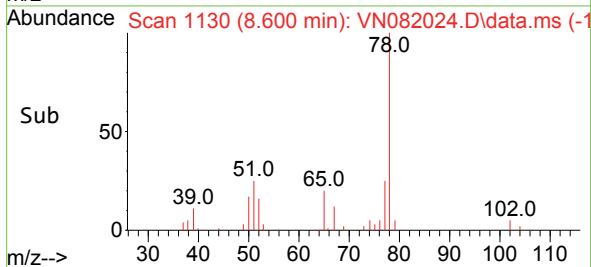
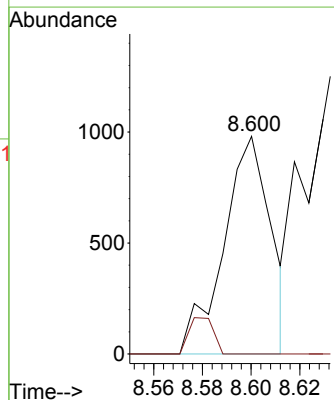
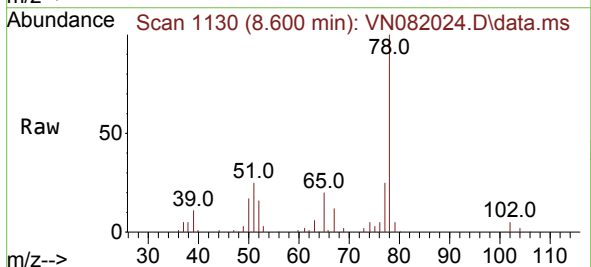
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

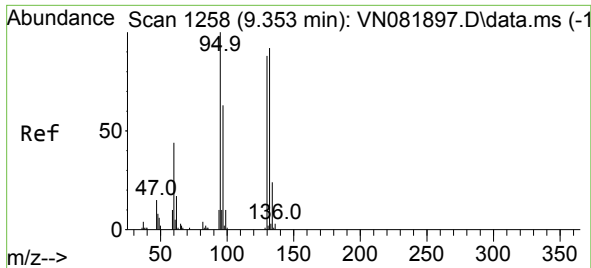
Tgt Ion:	41	Resp:	34858
Ion	Ratio	Lower	Upper
41	100		
39	52.8	25.3	75.9
67	72.1	38.7	116.1
52	36.3	13.6	40.8



#36
1,2-Dichloroethane
Concen: 0.428 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.071 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:	62	Resp:	1323
Ion	Ratio	Lower	Upper
62	100		
98	8.6	8.2	12.4

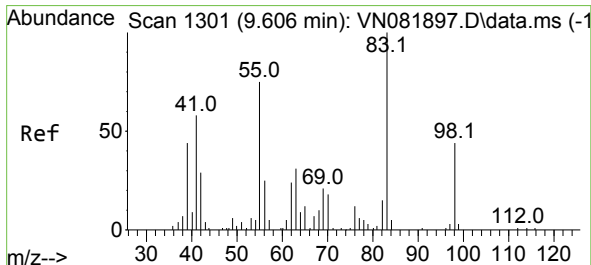
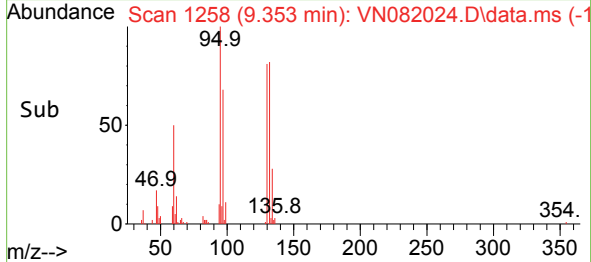
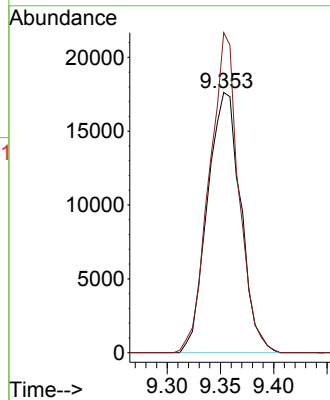
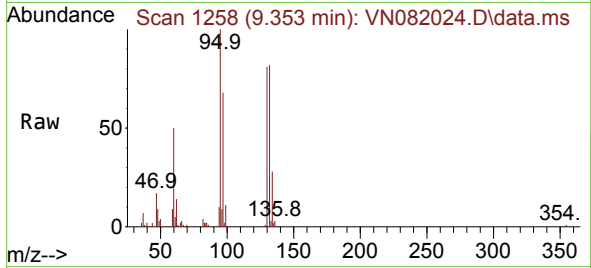




#37
Trichloroethene
Concen: 16.953 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

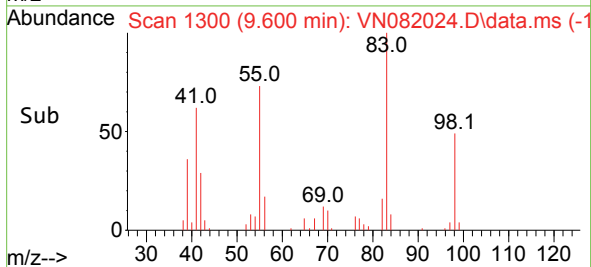
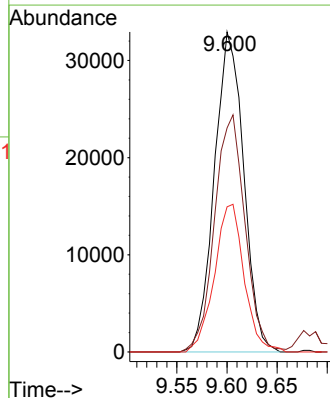
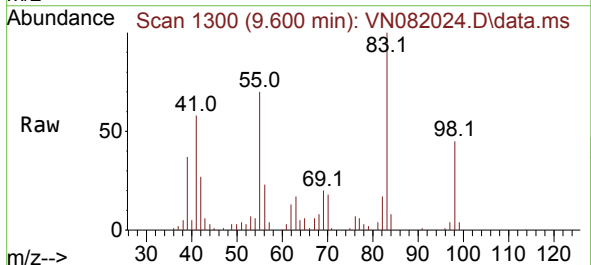
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

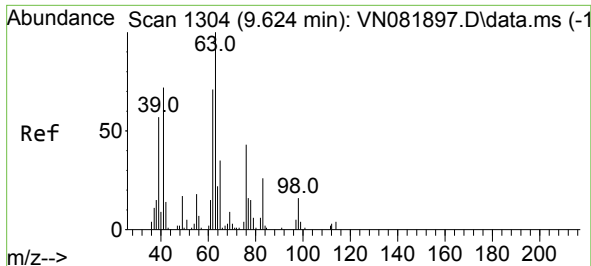
Tgt Ion:130 Resp: 38218
Ion Ratio Lower Upper
130 100
95 123.0 80.2 120.4#



#38
Methylcyclohexane
Concen: 19.182 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 83 Resp: 66852
Ion Ratio Lower Upper
83 100
55 77.1 36.6 109.9
98 46.8 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.699 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

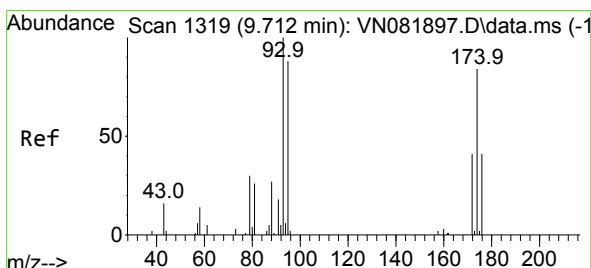
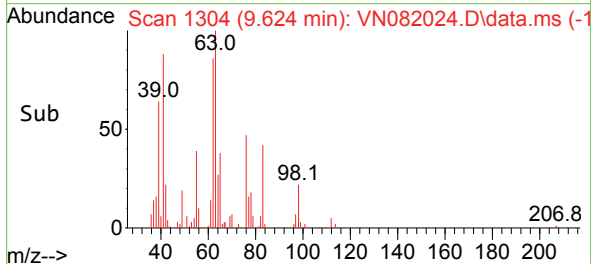
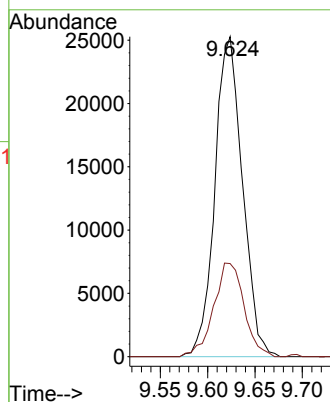
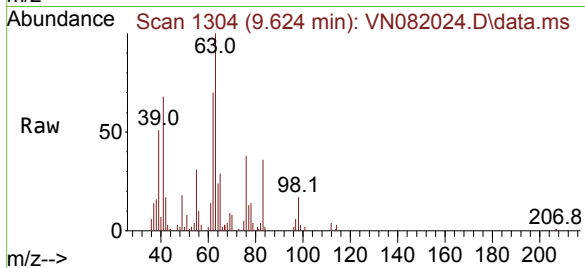
VSTDCCC020

Tgt Ion: 63 Resp: 51245

Ion Ratio Lower Upper

63 100

65 29.1 25.0 37.4



#40

Dibromomethane

Concen: 19.668 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

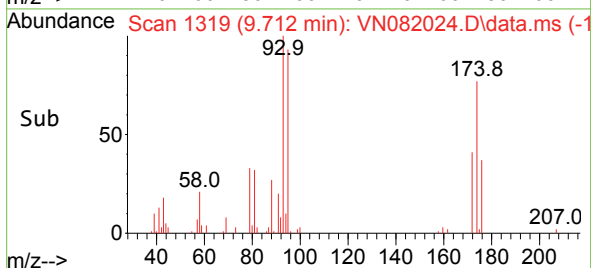
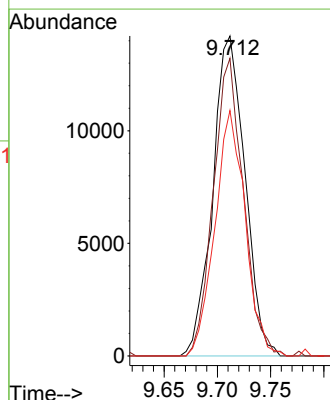
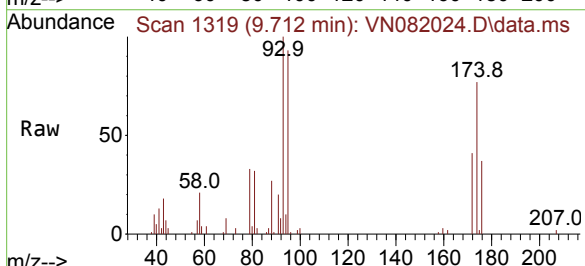
Tgt Ion: 93 Resp: 29839

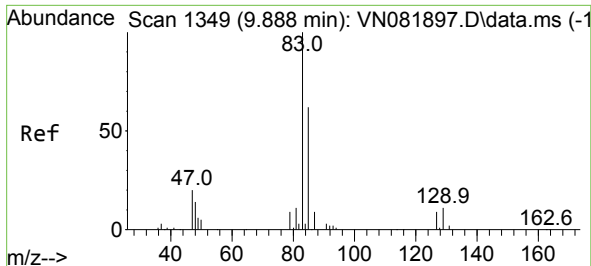
Ion Ratio Lower Upper

93 100

95 86.8 0.0 164.6

174 72.3 0.0 193.2

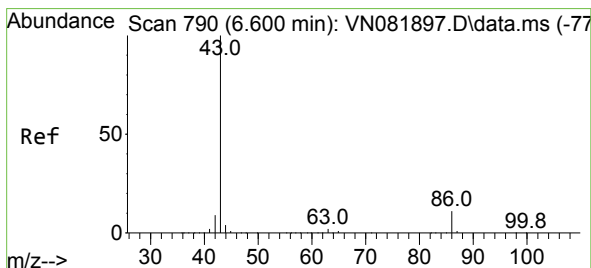
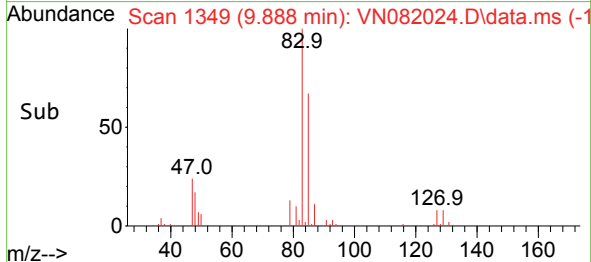
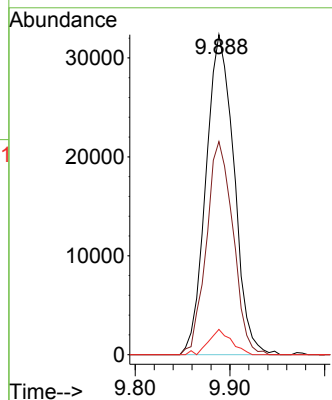
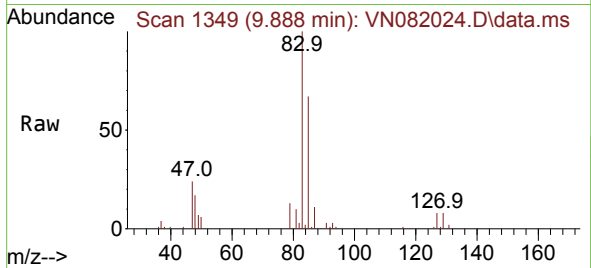




#41
Bromodichloromethane
Concen: 20.527 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

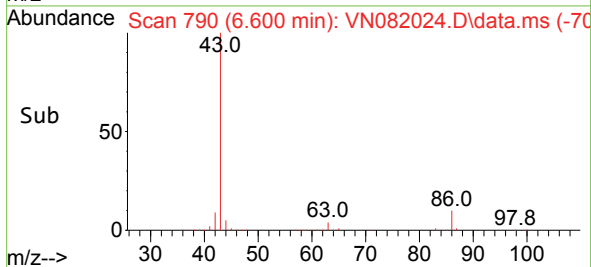
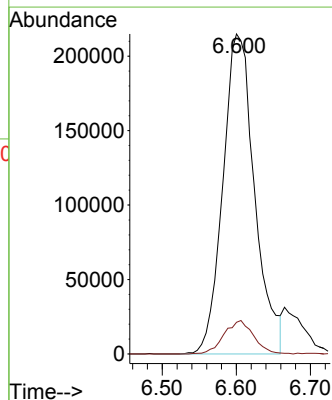
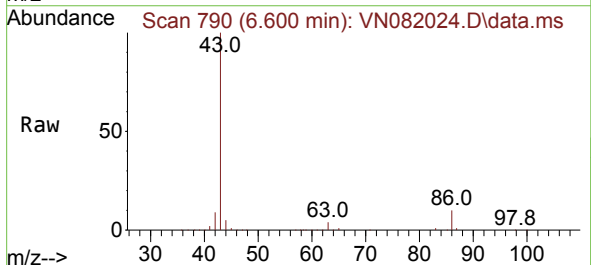
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

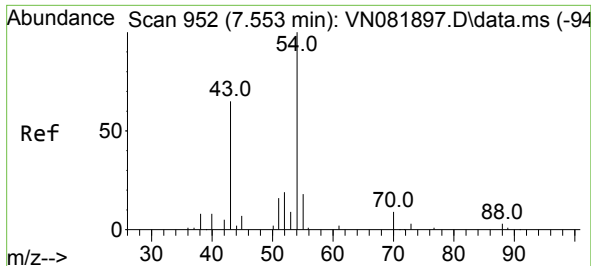
Tgt Ion: 83 Resp: 66562
Ion Ratio Lower Upper
83 100
85 66.6 49.4 74.2
127 7.9 7.3 10.9



#42
Vinyl Acetate
Concen: 101.049 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 43 Resp: 639614
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.2

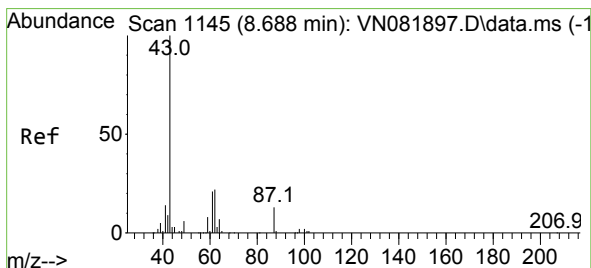
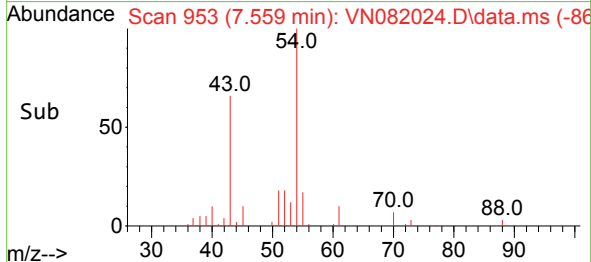
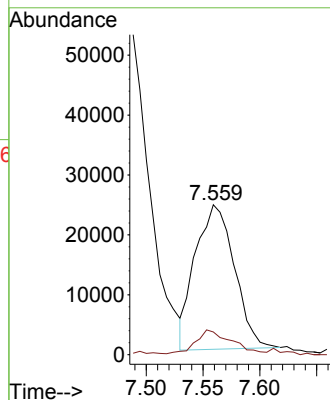
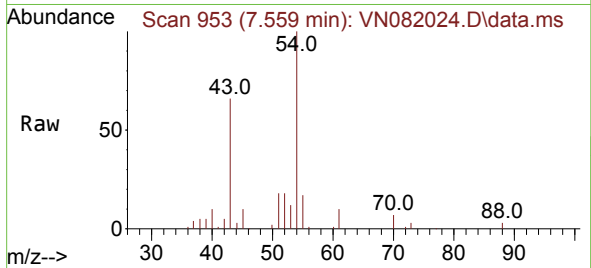




#43
Ethyl Acetate
Concen: 17.825 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

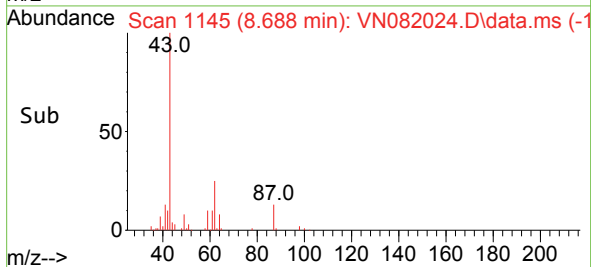
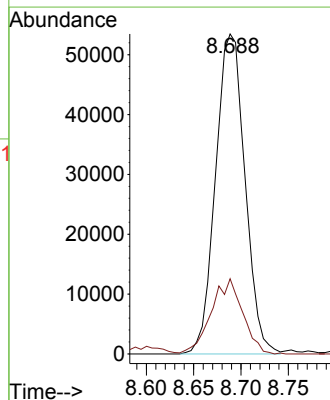
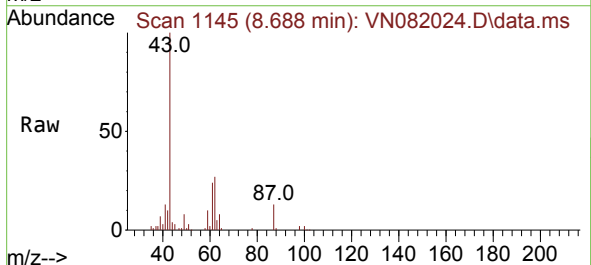
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

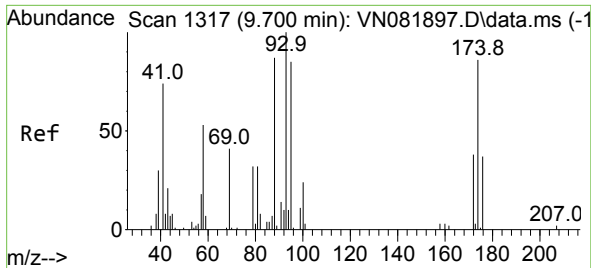
Tgt Ion: 43 Resp: 57795
Ion Ratio Lower Upper
43 100
45 16.0 10.6 15.8#



#44
Isopropyl Acetate
Concen: 20.099 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 43 Resp: 115697
Ion Ratio Lower Upper
43 100
61 25.1 25.0 37.4

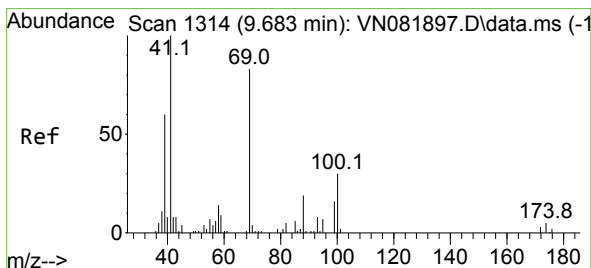
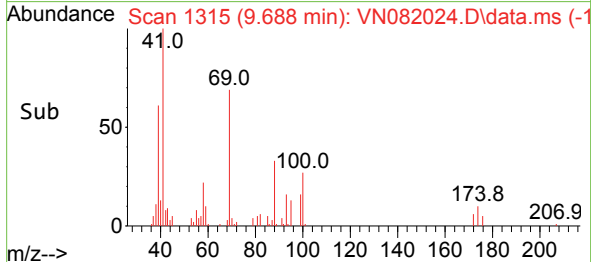
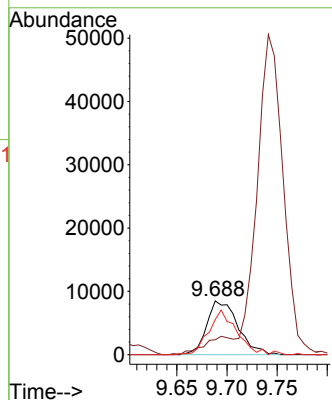
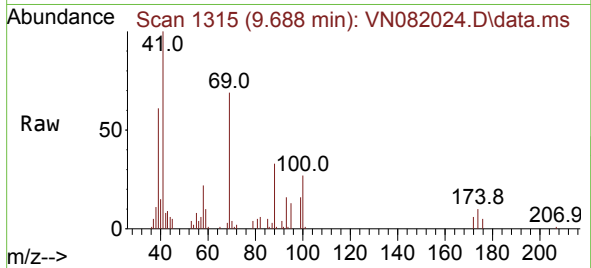




#45
1,4-Dioxane
Concen: 398.618 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

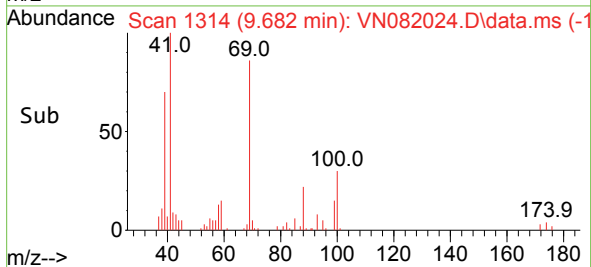
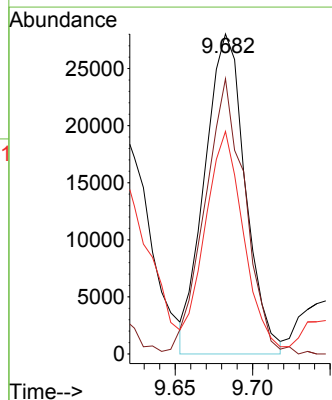
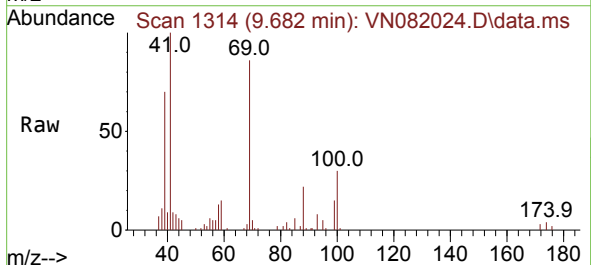
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

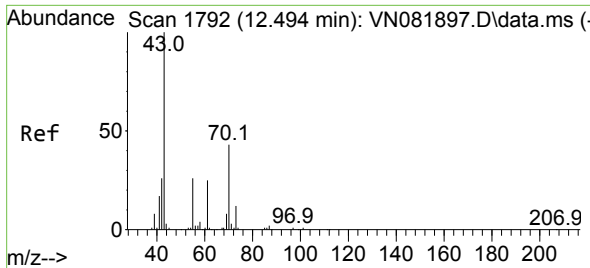
Tgt Ion: 88 Resp: 18402
Ion Ratio Lower Upper
88 100
43 31.0 19.8 29.6#
58 71.1 55.4 83.0



#46
Methyl methacrylate
Concen: 19.445 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 41 Resp: 51139
Ion Ratio Lower Upper
41 100
69 87.9 51.1 153.3
39 70.0 25.8 77.3

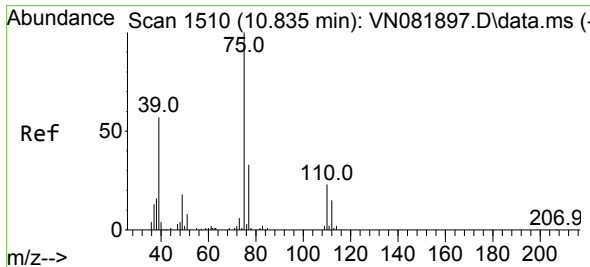
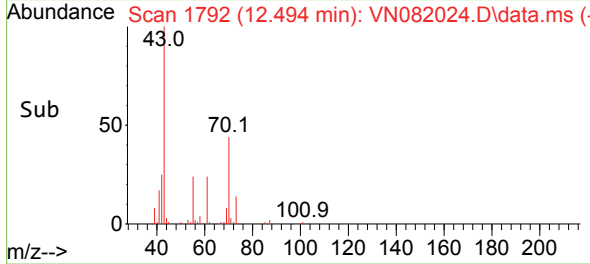
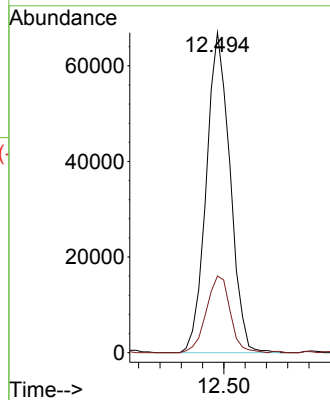
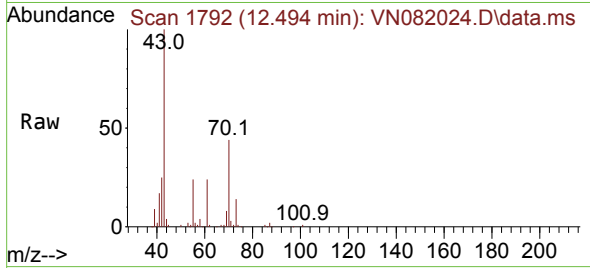




#47
n-amy1 Acetate
Concen: 19.991 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

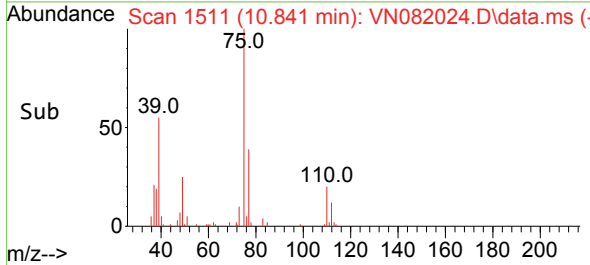
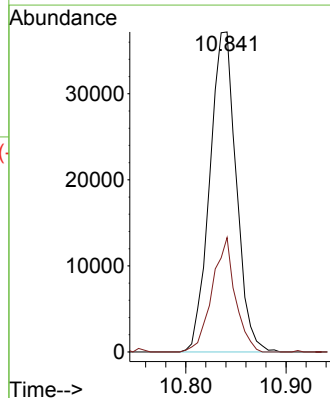
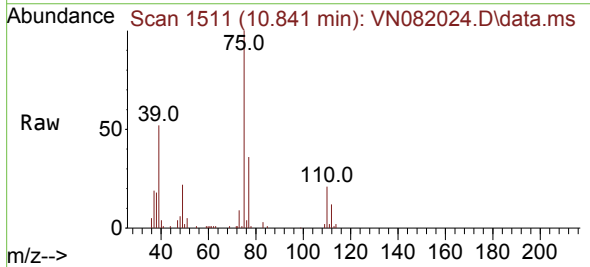
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

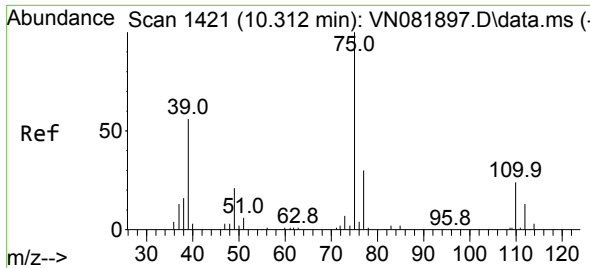
Tgt Ion: 43 Resp: 103792
Ion Ratio Lower Upper
43 100
55 24.0 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 19.446 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 75 Resp: 68382
Ion Ratio Lower Upper
75 100
77 35.8 23.8 35.6#

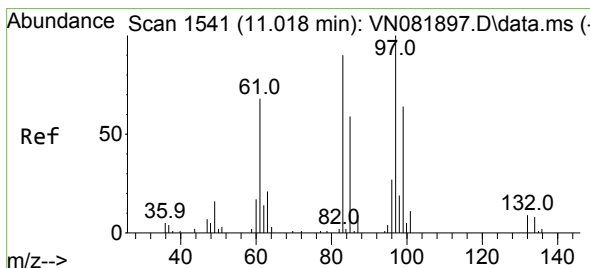
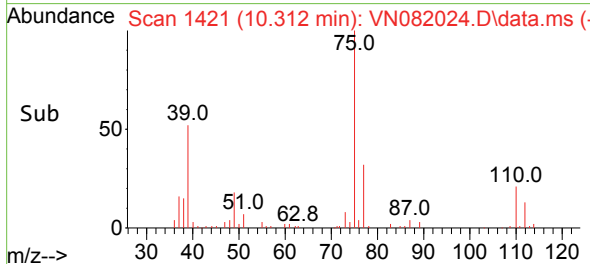
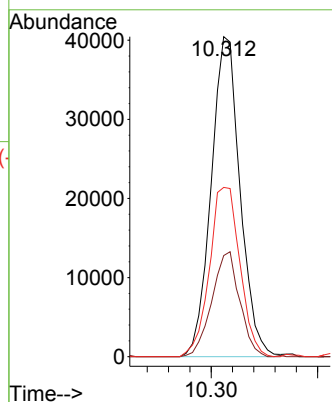
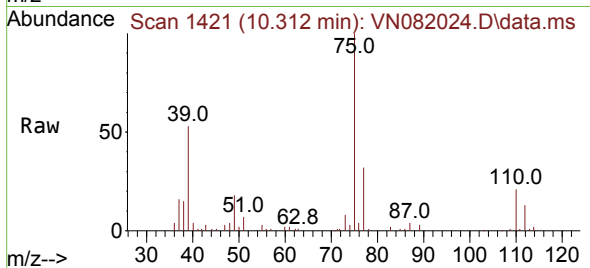




#49
 cis-1,3-Dichloropropene
 Concen: 20.493 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

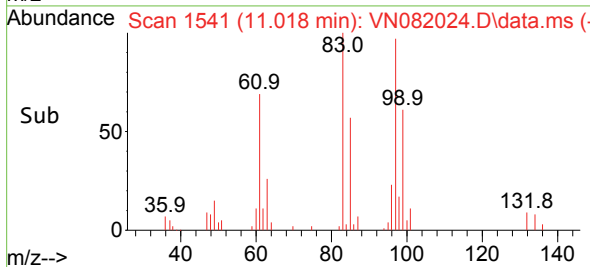
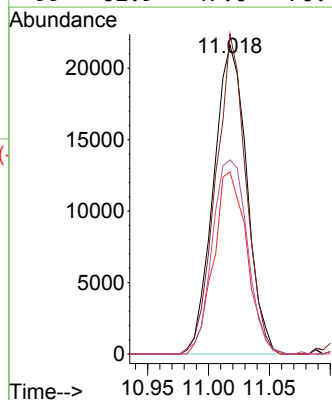
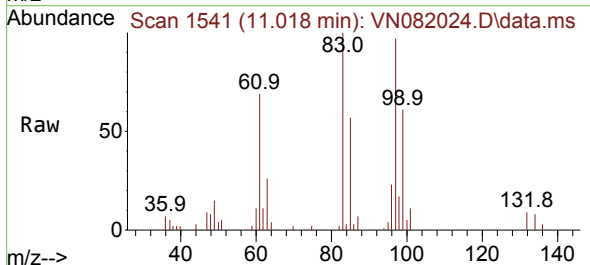
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

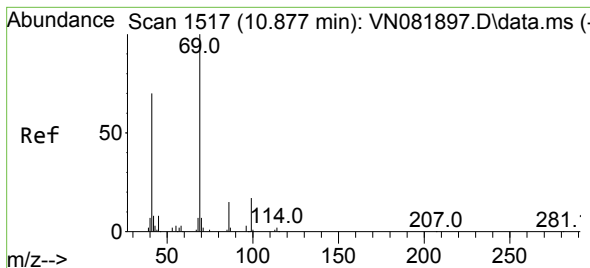
Tgt Ion: 75 Resp: 76193
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3
 39 52.9 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 19.961 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

Tgt Ion: 97 Resp: 41086
 Ion Ratio Lower Upper
 97 100
 83 103.6 68.1 102.1#
 85 59.0 41.8 62.6
 99 62.9 47.0 70.4





#51

Ethyl methacrylate

Concen: 19.638 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

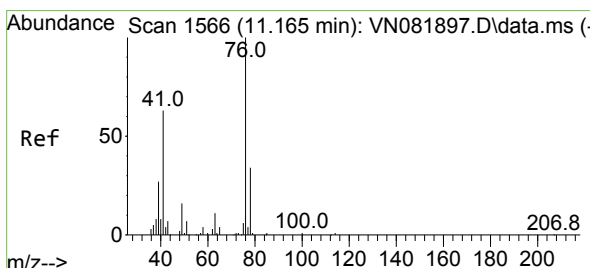
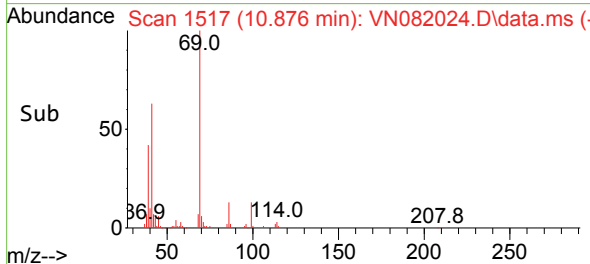
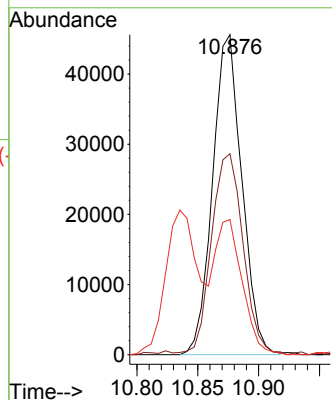
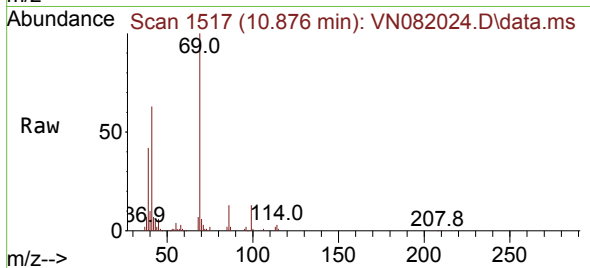
Tgt Ion: 69 Resp: 76289

Ion Ratio Lower Upper

69 100

41 62.1 25.5 76.5

39 41.8 16.0 47.9



#52

1,3-Dichloropropane

Concen: 20.690 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082024.D

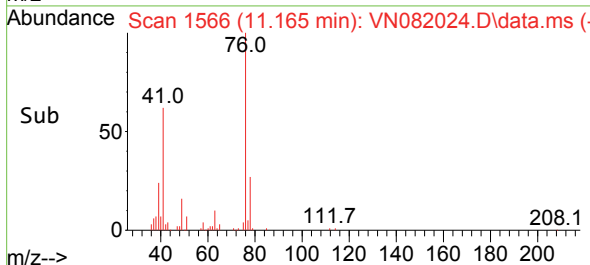
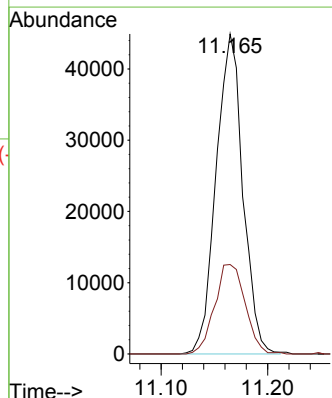
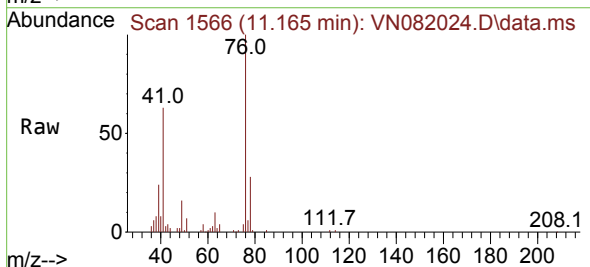
Acq: 08 May 2024 09:33

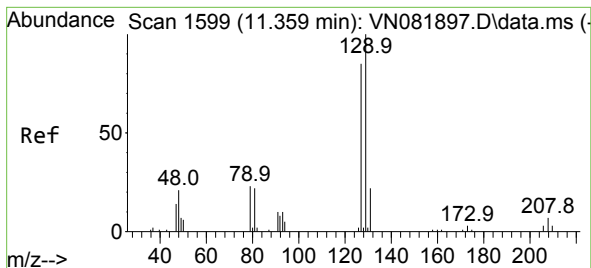
Tgt Ion: 76 Resp: 78240

Ion Ratio Lower Upper

76 100

78 31.8 0.0 65.8





#53

Dibromochloromethane

Concen: 19.090 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

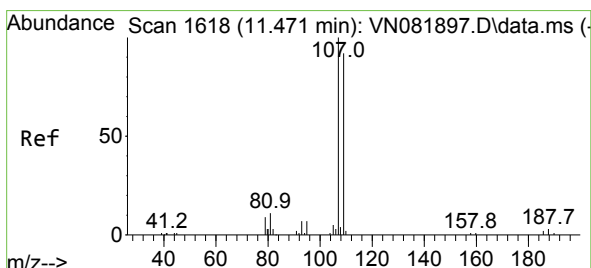
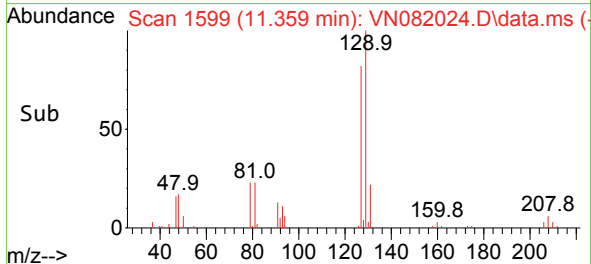
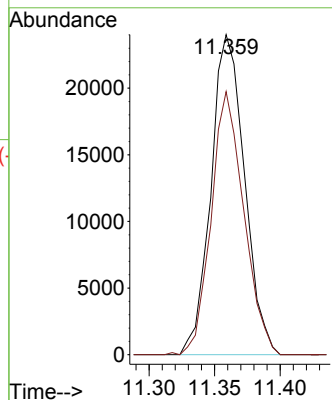
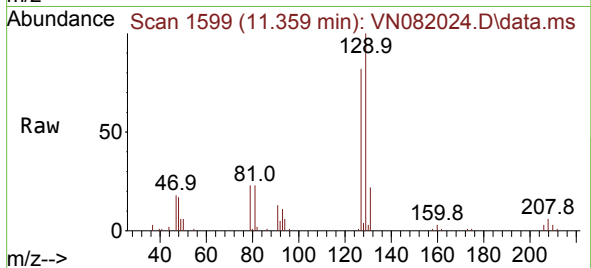
VSTDCCC020

Tgt Ion:129 Resp: 42752

Ion Ratio Lower Upper

129 100

127 79.8 39.4 118.1



#54

1,2-Dibromoethane

Concen: 19.967 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082024.D

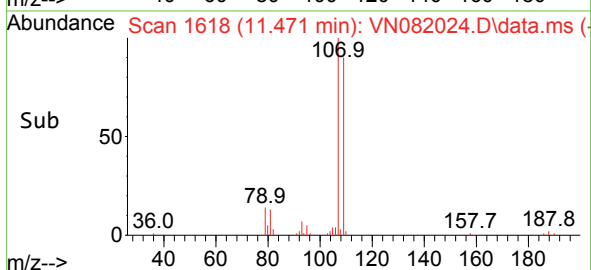
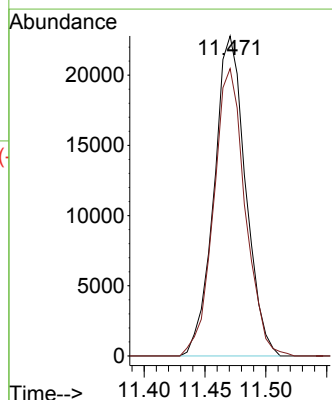
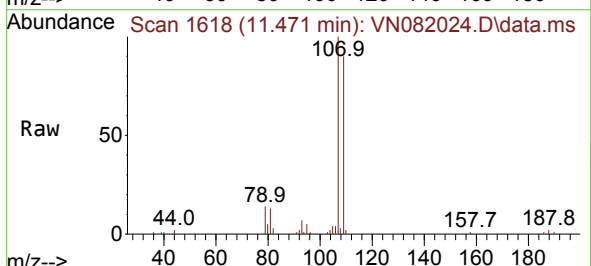
Acq: 08 May 2024 09:33

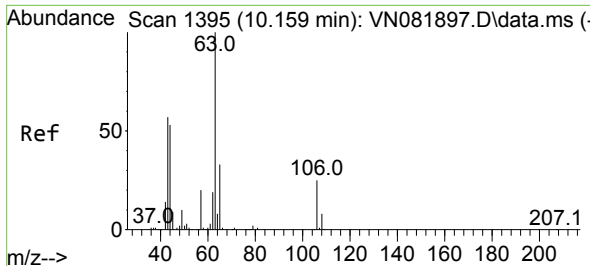
Tgt Ion:107 Resp: 40987

Ion Ratio Lower Upper

107 100

109 90.2 74.7 112.1

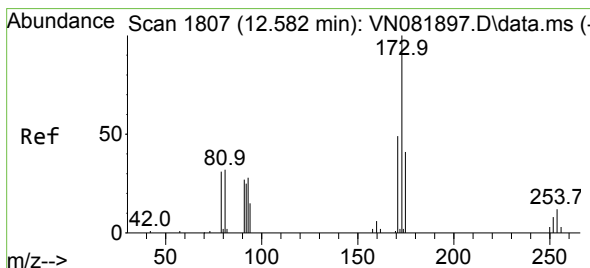
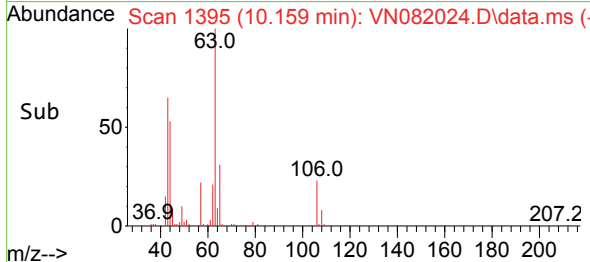
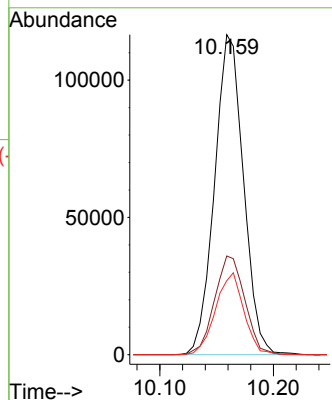
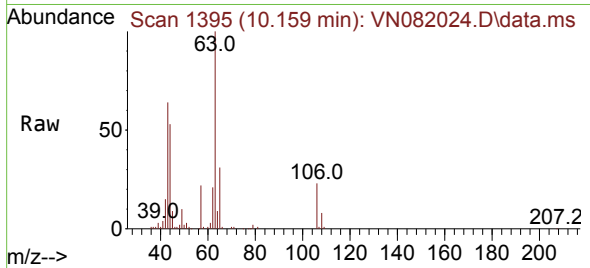




#55
2-Chloroethyl vinyl ether
Concen: 106.078 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

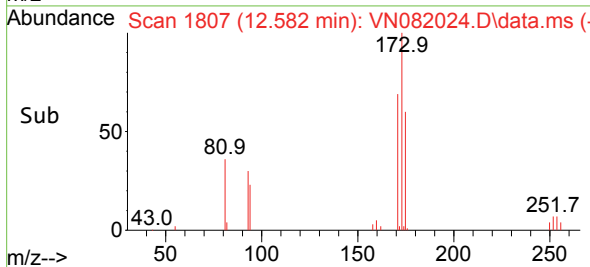
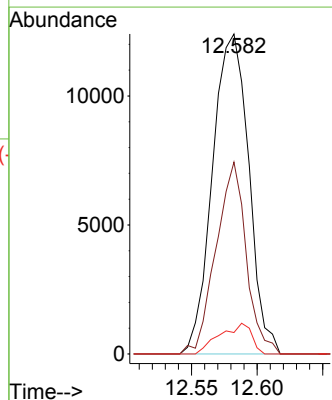
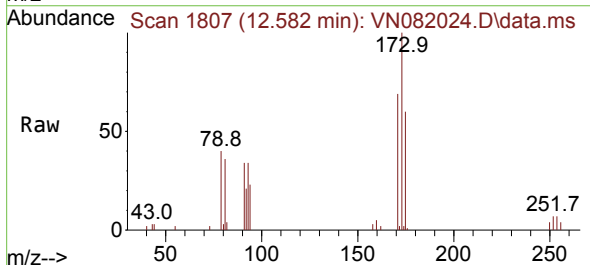
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

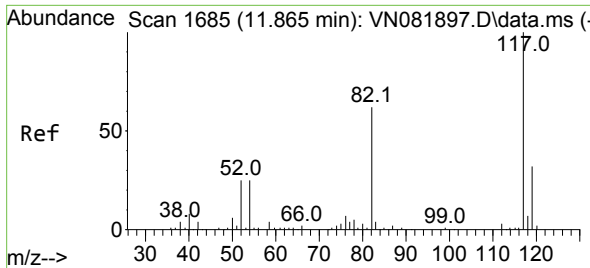
Tgt Ion: 63 Resp: 206064
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 25.0 23.8 35.8



#56
Bromoform
Concen: 17.486 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 173 Resp: 23833
Ion Ratio Lower Upper
173 100
175 50.0 40.0 60.0
254 8.3 8.3 12.5

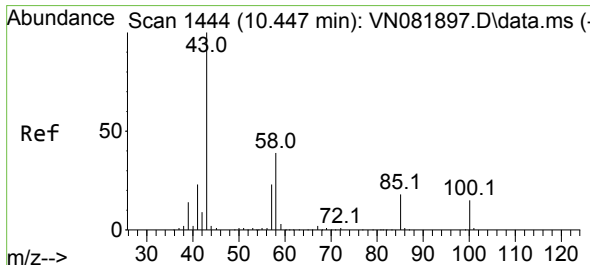
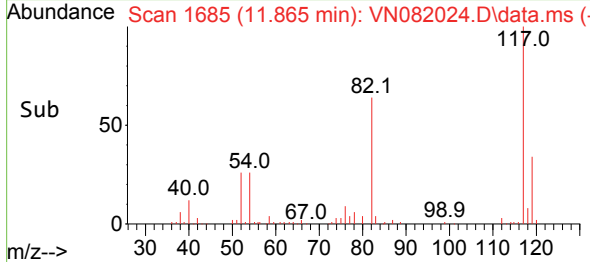
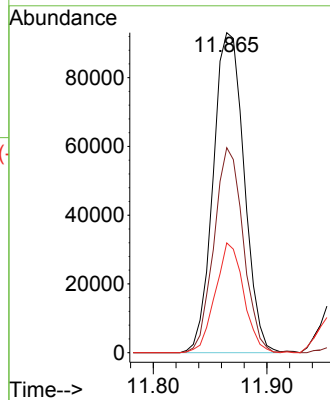
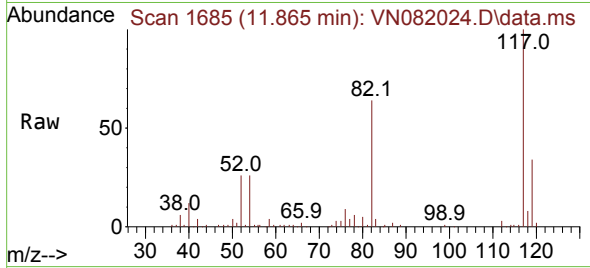




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

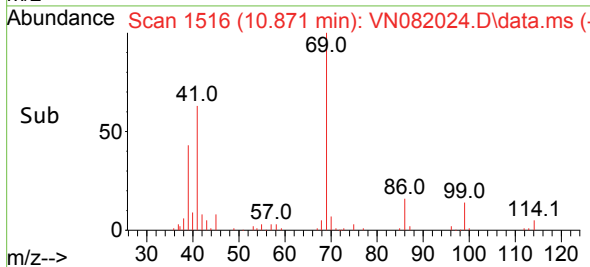
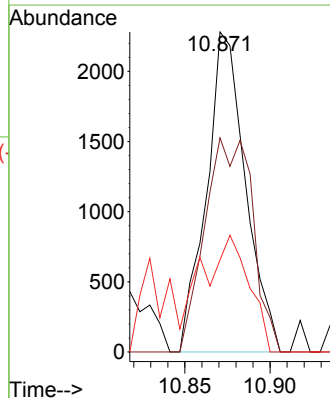
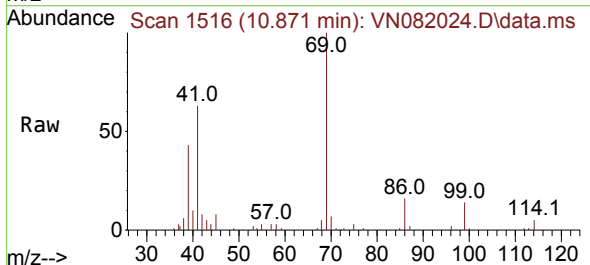
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

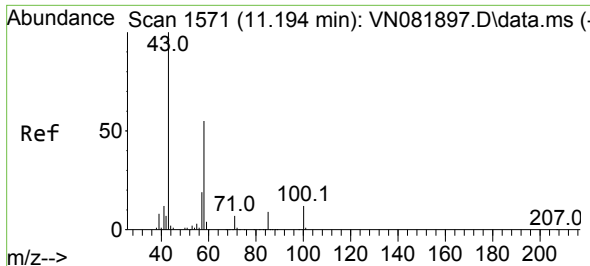
Tgt Ion:117 Resp: 176192
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 31.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 1.062 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.423 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 43 Resp: 3632
Ion Ratio Lower Upper
43 100
58 48.6 36.5 54.7
85 28.8 19.5 29.3

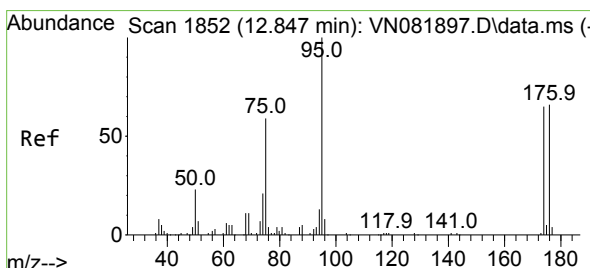
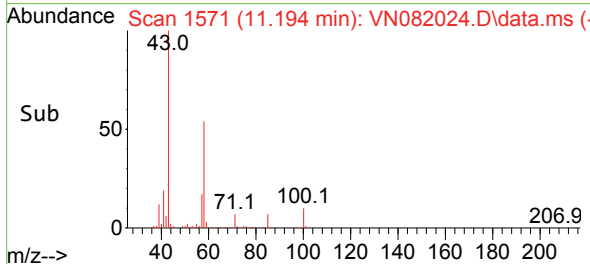
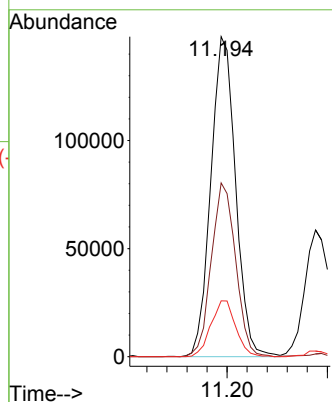
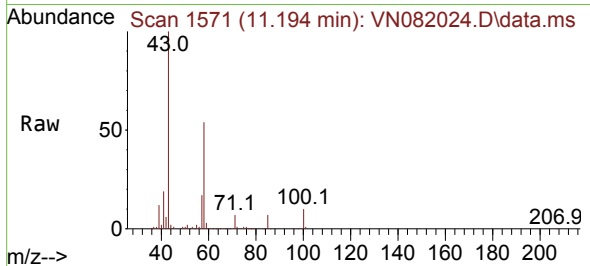




#59
2-Hexanone
Concen: 100.169 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

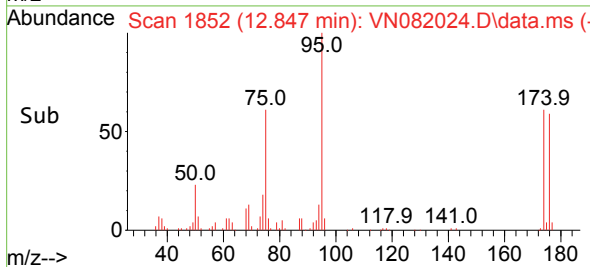
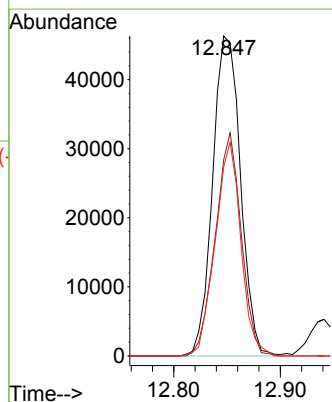
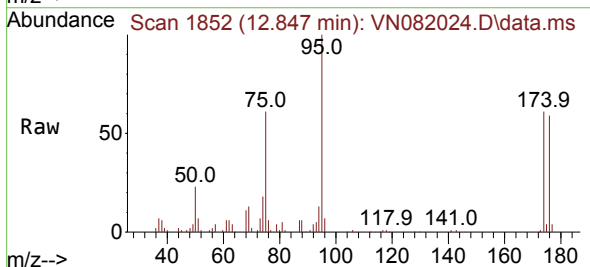
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

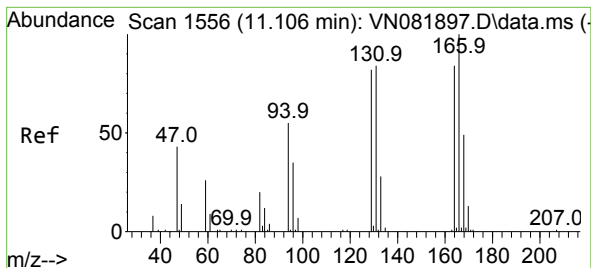
Tgt Ion: 43 Resp: 254086
Ion Ratio Lower Upper
43 100
58 53.2 50.4 75.6
57 17.6 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.720 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 95 Resp: 84214
Ion Ratio Lower Upper
95 100
174 64.6 60.5 90.7
176 61.2 57.8 86.6





#61

Tetrachloroethene

Concen: 17.025 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 33285

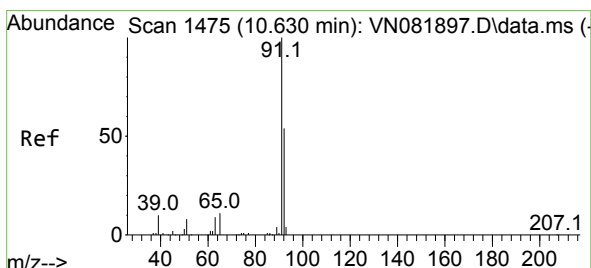
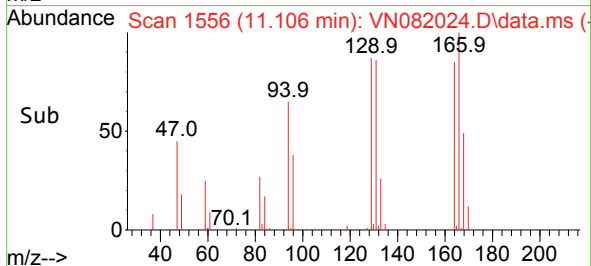
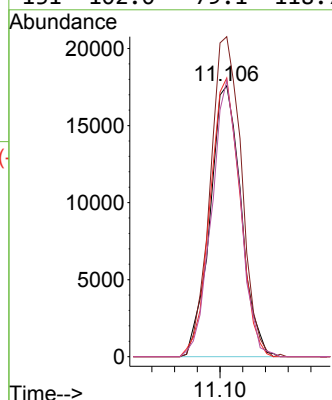
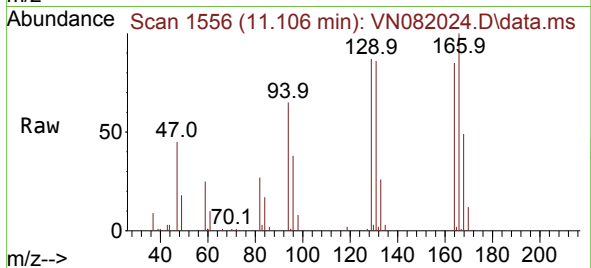
Ion Ratio Lower Upper

164 100

166 118.1 106.7 160.1

129 102.9 85.8 128.6

131 102.0 79.1 118.7



#62

Toluene

Concen: 18.705 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082024.D

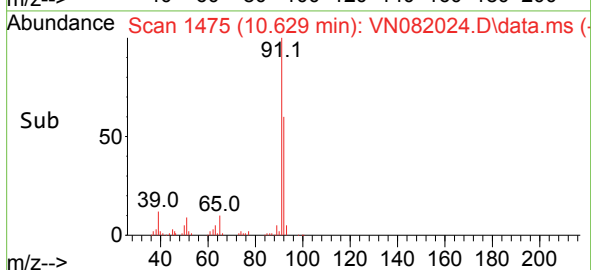
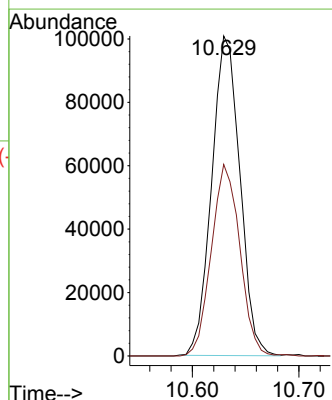
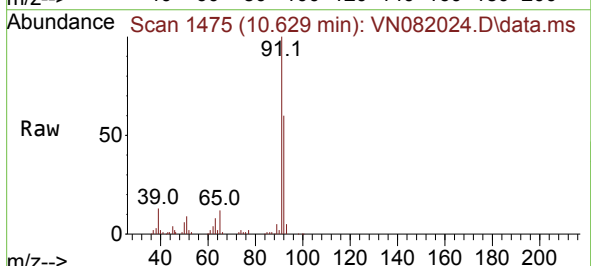
Acq: 08 May 2024 09:33

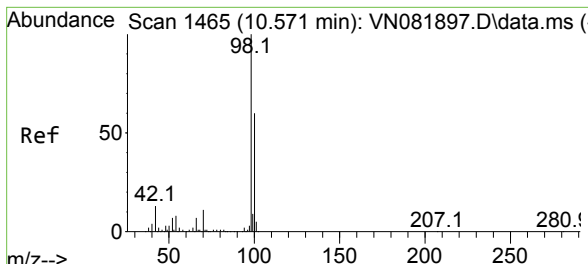
Tgt Ion: 91 Resp: 185432

Ion Ratio Lower Upper

91 100

92 60.4 46.5 69.7

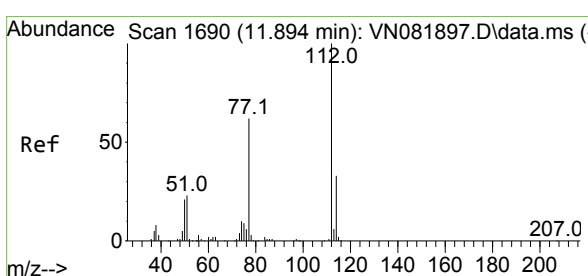
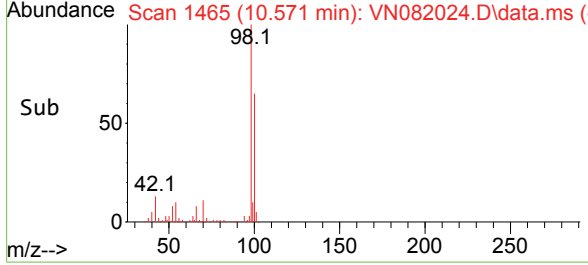
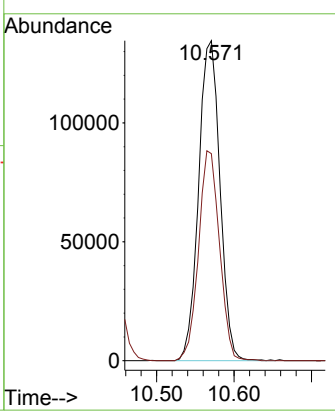
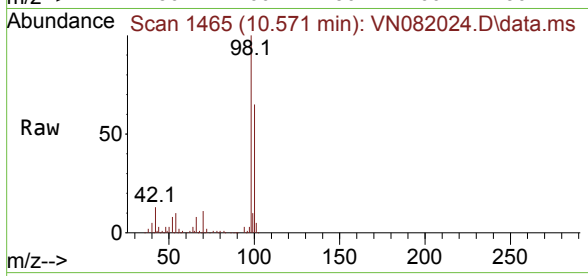




#63
Toluene-d8
Concen: 30.745 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

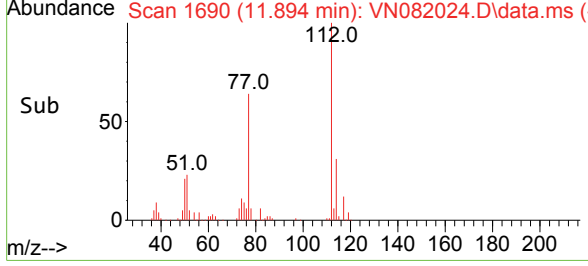
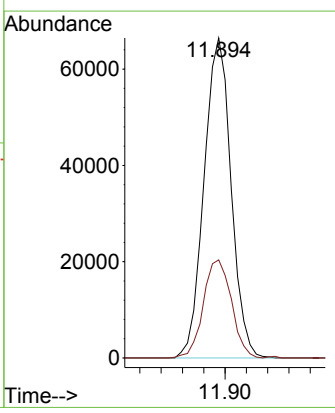
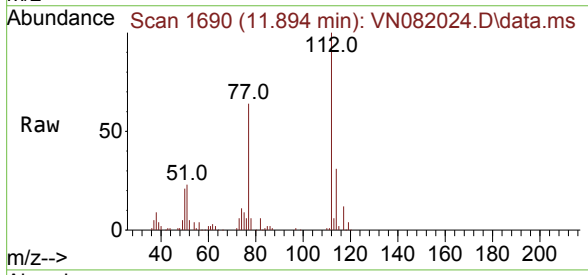
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

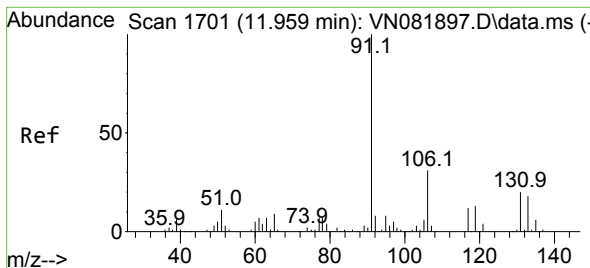
Tgt Ion:	98	Resp:	257255
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.7	79.1



#64
Chlorobenzene
Concen: 19.287 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:	112	Resp:	116945
Ion Ratio	Lower	Upper	
112	100		
114	30.4	26.6	39.8

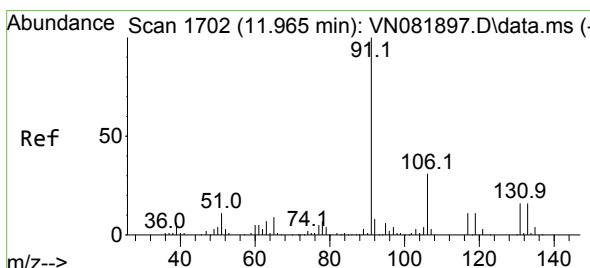
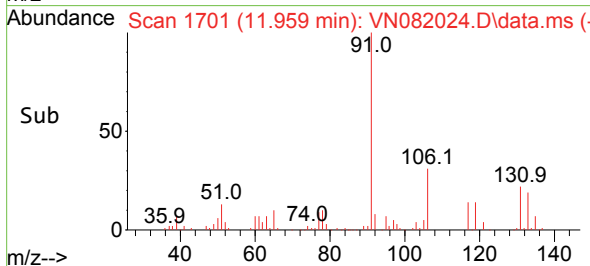
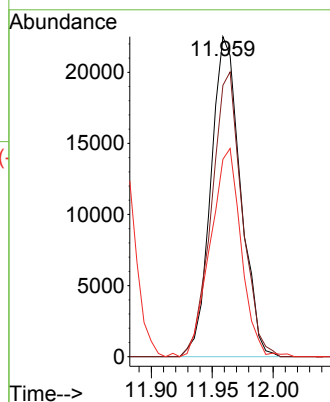
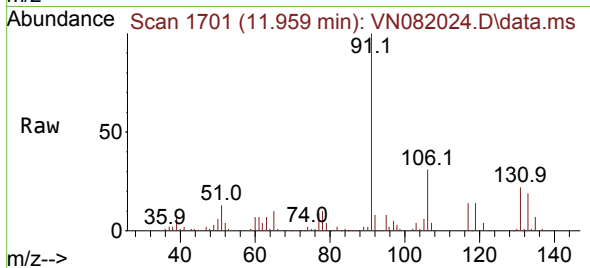




#65
1,1,1,2-Tetrachloroethane
Concen: 19.217 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

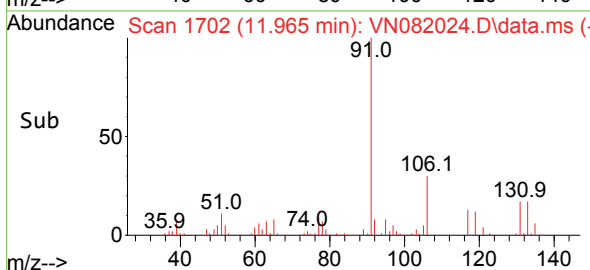
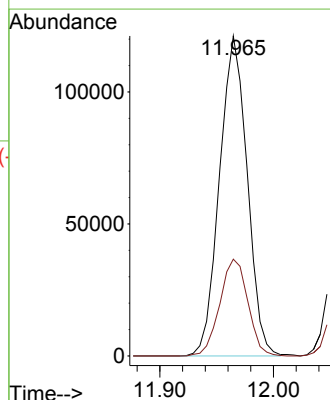
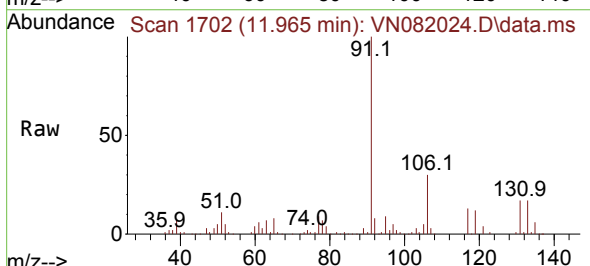
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

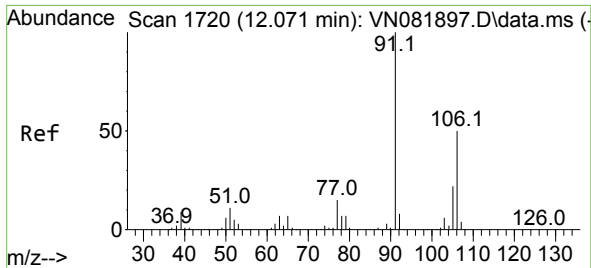
Tgt Ion:131 Resp: 38139
Ion Ratio Lower Upper
131 100
133 91.2 0.0 188.0
119 66.8 0.0 122.8



#66
Ethyl Benzene
Concen: 18.892 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 91 Resp: 205294
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

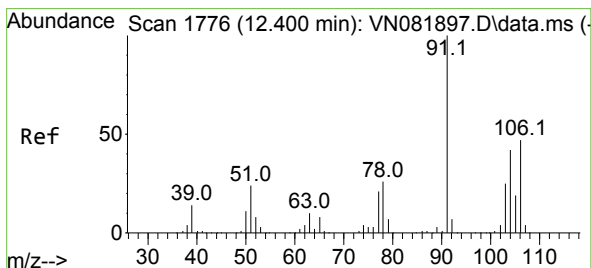
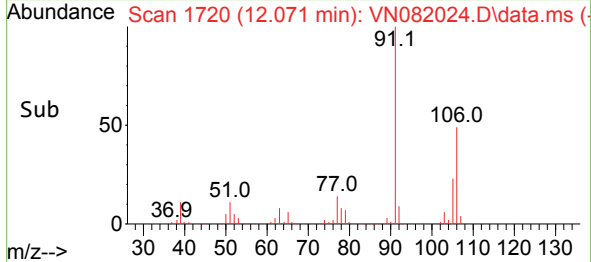
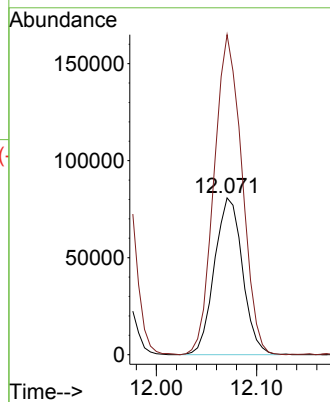
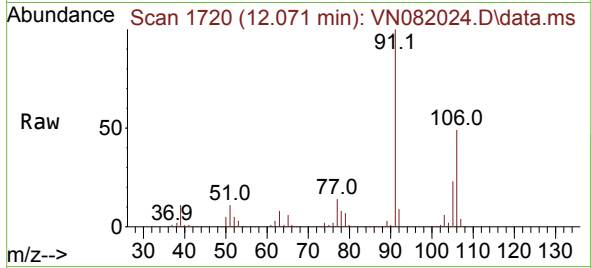




#67
m/p-Xylenes
Concen: 38.976 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

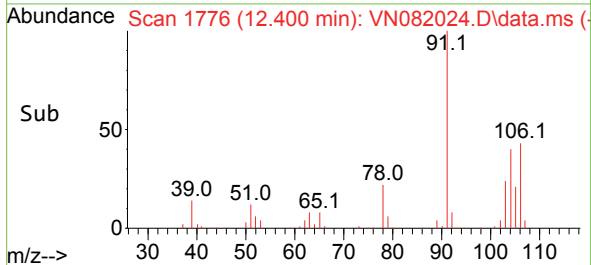
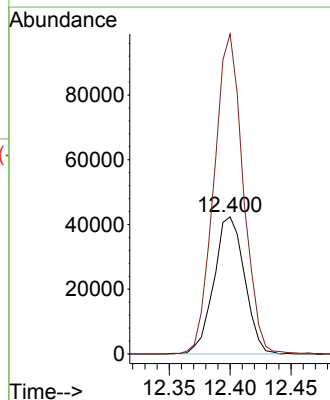
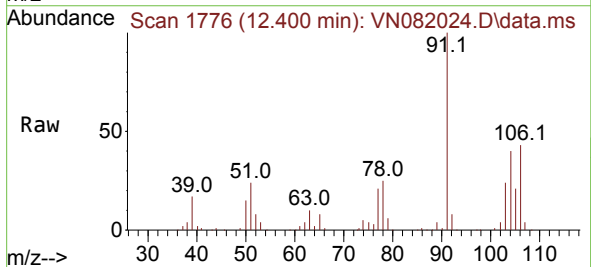
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

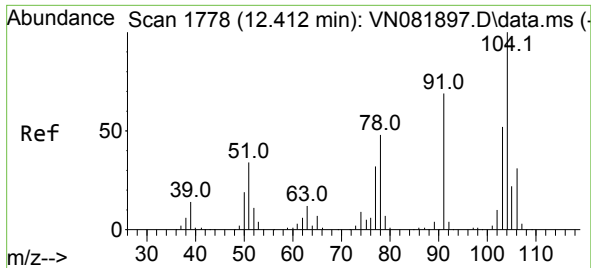
Tgt Ion:106 Resp: 157032
Ion Ratio Lower Upper
106 100
91 203.0 166.6 249.8



#68
o-Xylene
Concen: 18.604 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:106 Resp: 74159
Ion Ratio Lower Upper
106 100
91 222.1 110.0 330.0

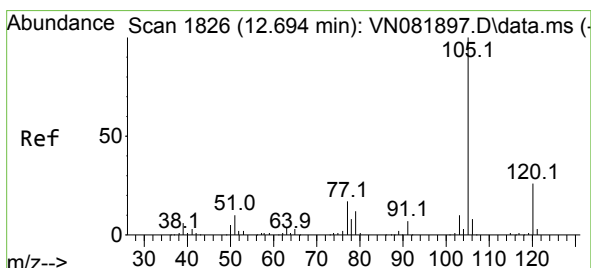
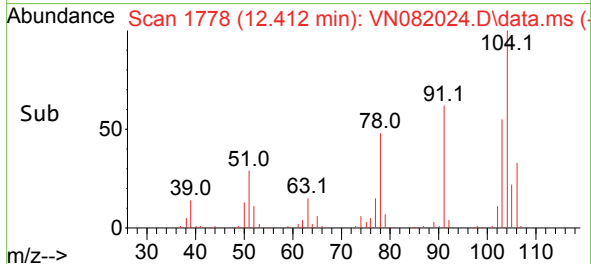
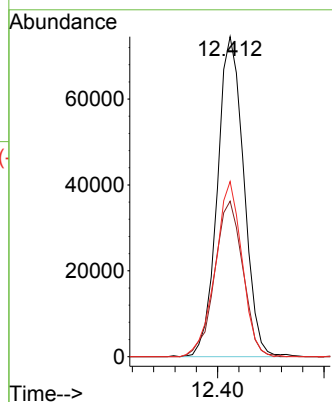
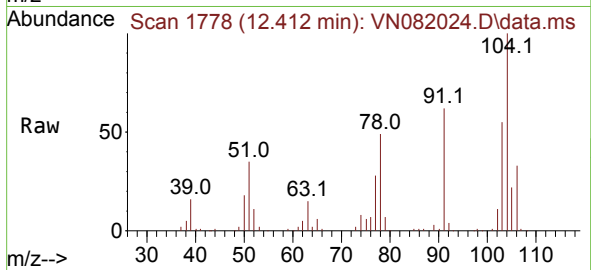




#69
Styrene
Concen: 19.158 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

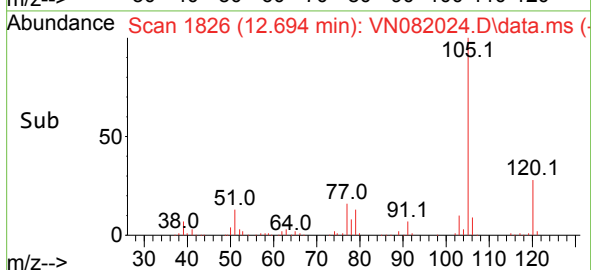
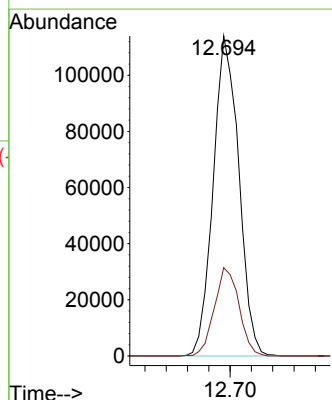
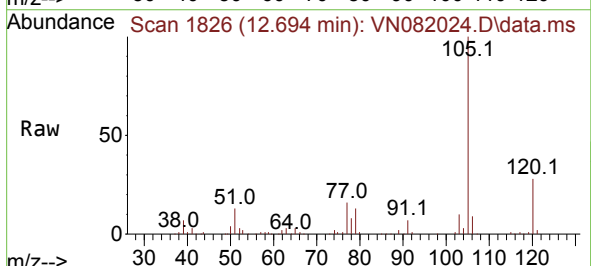
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

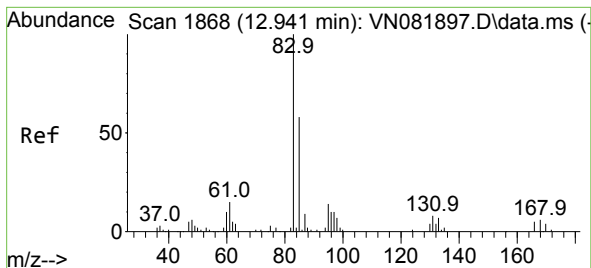
Tgt Ion:104 Resp: 128194
Ion Ratio Lower Upper
104 100
78 52.0 42.6 64.0
103 55.4 43.7 65.5



#70
Isopropylbenzene
Concen: 18.747 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:105 Resp: 189794
Ion Ratio Lower Upper
105 100
120 26.6 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 20.175 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

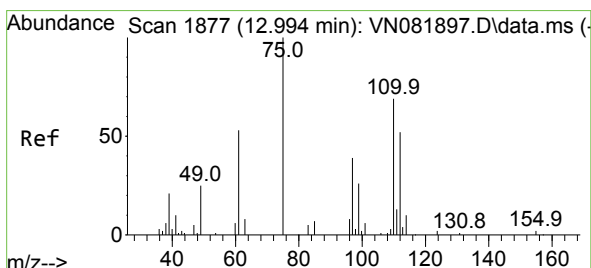
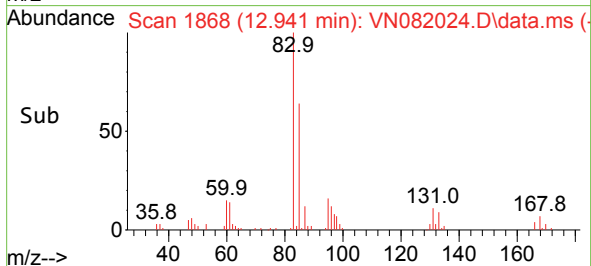
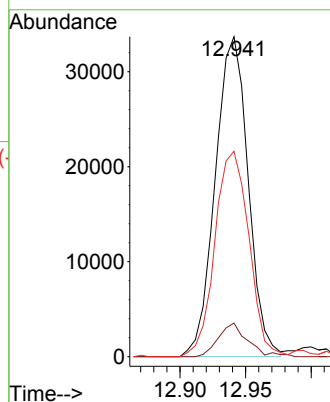
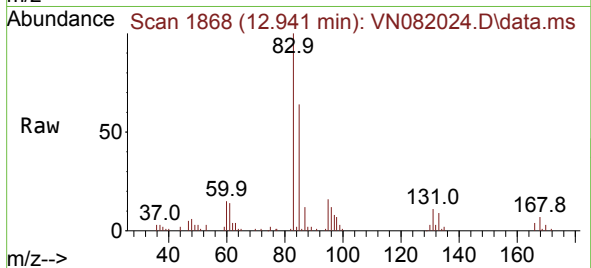
Tgt Ion: 83 Resp: 58777

Ion Ratio Lower Upper

83 100

131 8.8 5.2 15.6

85 66.3 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 29.121 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082024.D

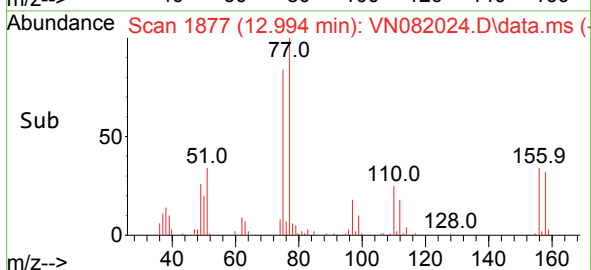
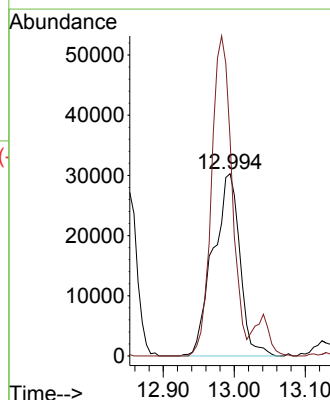
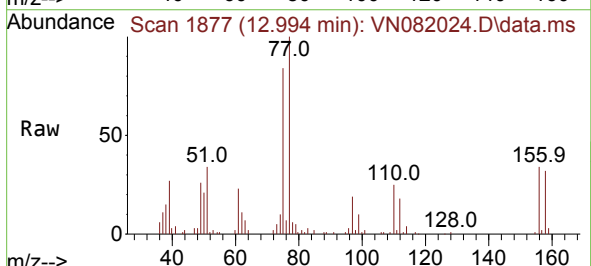
Acq: 08 May 2024 09:33

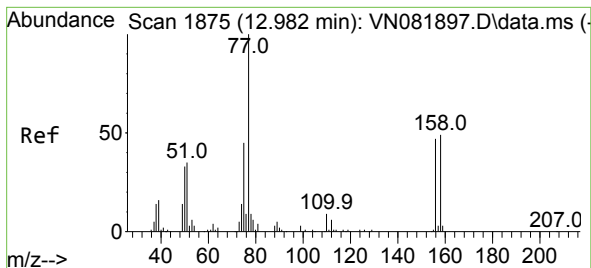
Tgt Ion: 75 Resp: 79316

Ion Ratio Lower Upper

75 100

77 133.3 0.0 367.6





#73

Bromobenzene

Concen: 18.340 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

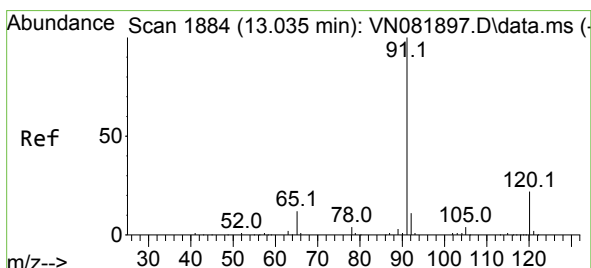
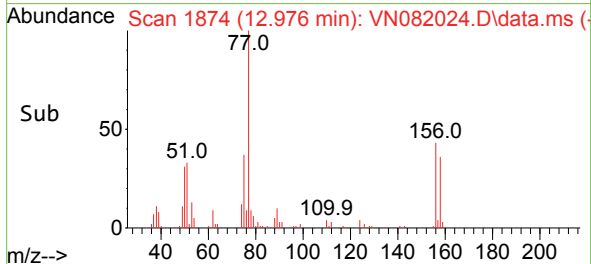
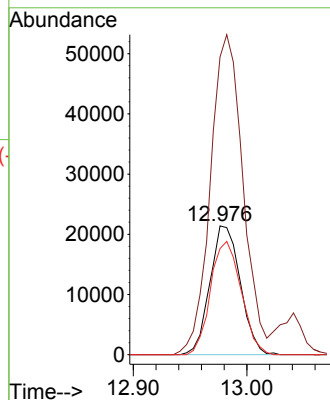
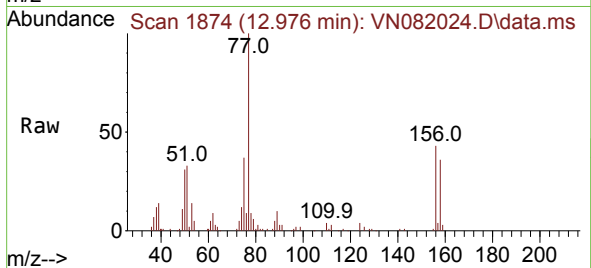
Tgt Ion:156 Resp: 39745

Ion Ratio Lower Upper

156 100

77 266.1 0.0 437.6

158 88.6 0.0 203.8



#74

n-propylbenzene

Concen: 19.561 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082024.D

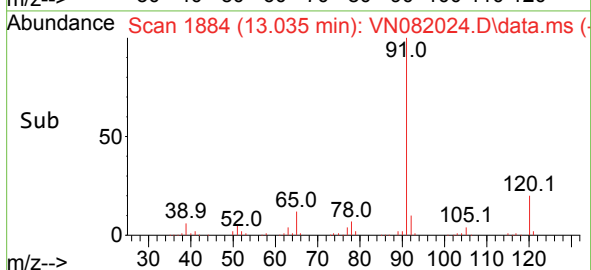
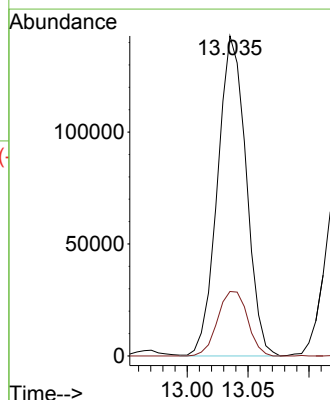
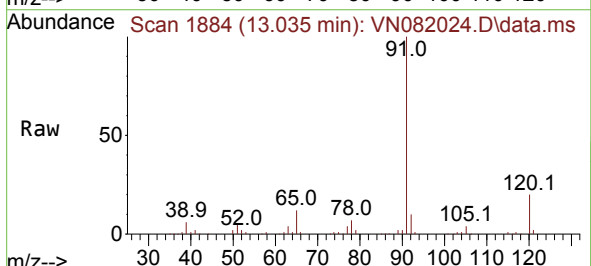
Acq: 08 May 2024 09:33

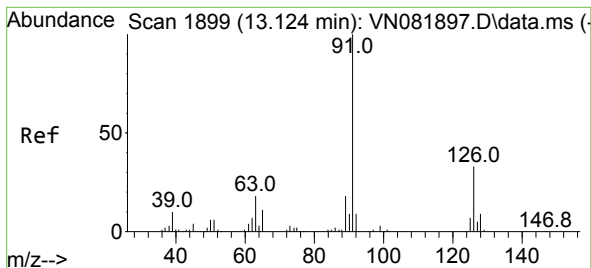
Tgt Ion: 91 Resp: 233634

Ion Ratio Lower Upper

91 100

120 21.1 0.0 43.8





#75

2-Chlorotoluene

Concen: 19.498 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

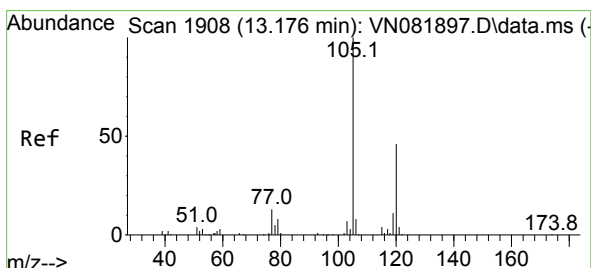
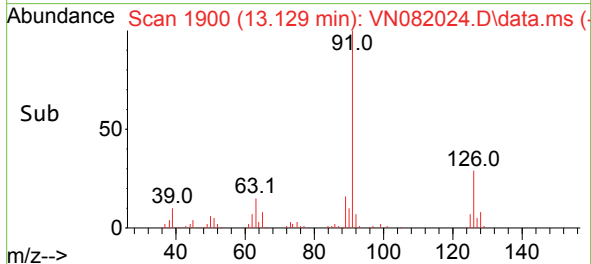
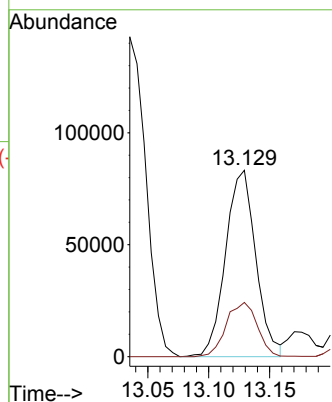
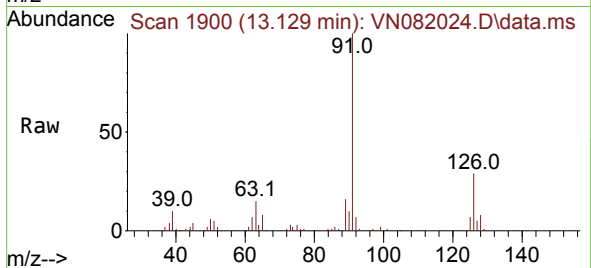
VSTDCCC020

Tgt Ion: 91 Resp: 144067

Ion Ratio Lower Upper

91 100

126 29.8 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 18.795 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082024.D

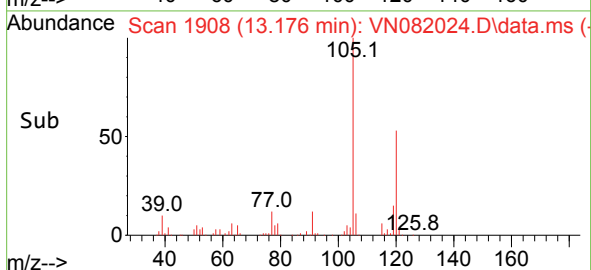
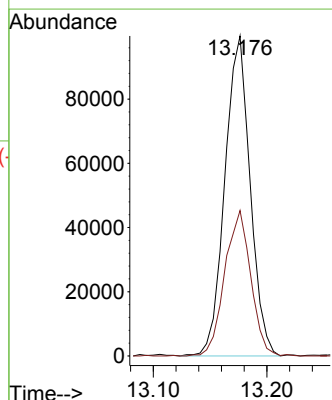
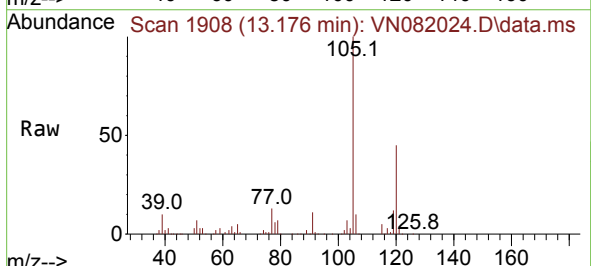
Acq: 08 May 2024 09:33

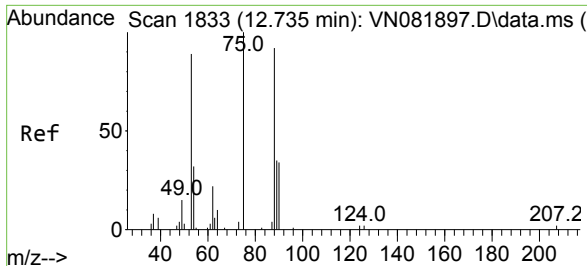
Tgt Ion:105 Resp: 154015

Ion Ratio Lower Upper

105 100

120 46.7 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.593 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

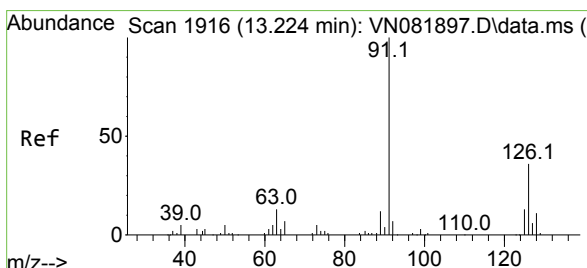
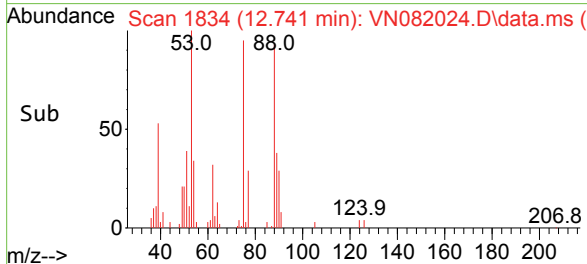
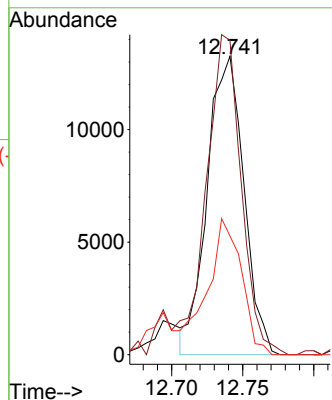
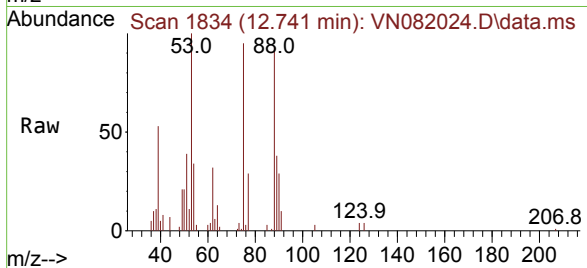
Tgt Ion: 75 Resp: 23752

Ion Ratio Lower Upper

75 100

53 103.8 45.9 137.7

89 39.8 25.9 77.7



#78

4-Chlorotoluene

Concen: 18.784 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN082024.D

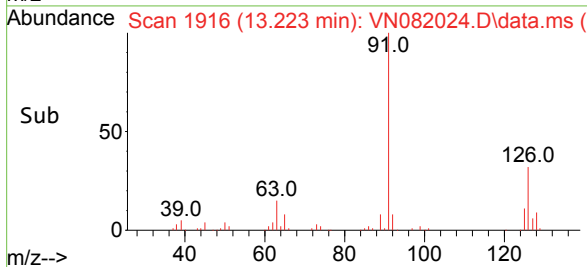
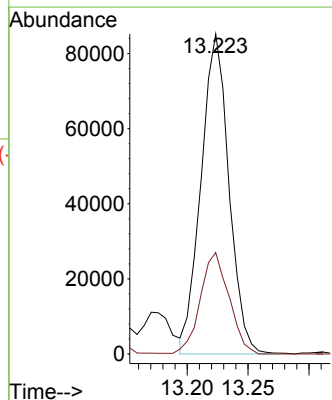
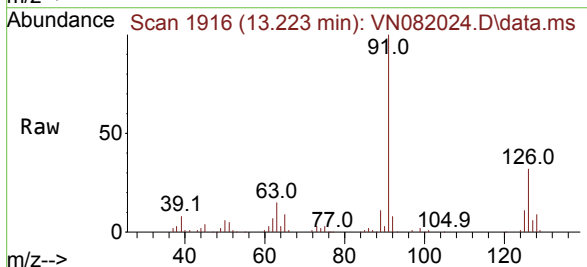
Acq: 08 May 2024 09:33

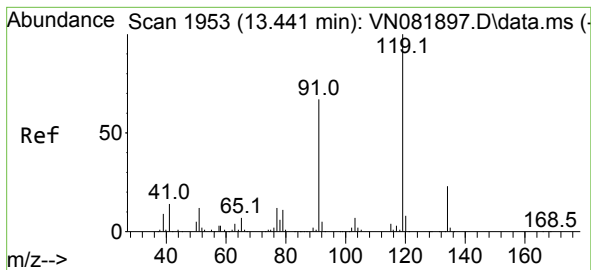
Tgt Ion: 91 Resp: 135970

Ion Ratio Lower Upper

91 100

126 32.6 0.0 62.8

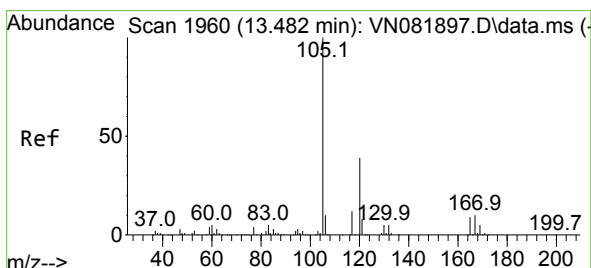
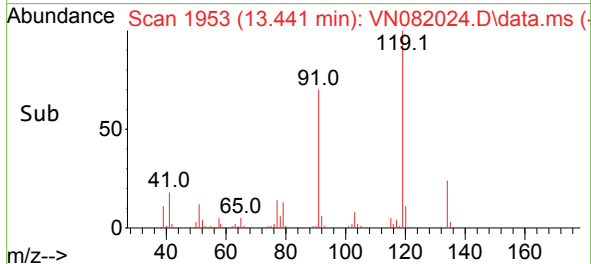
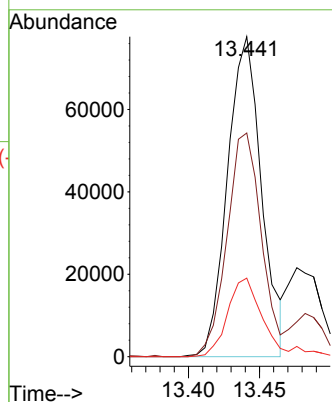
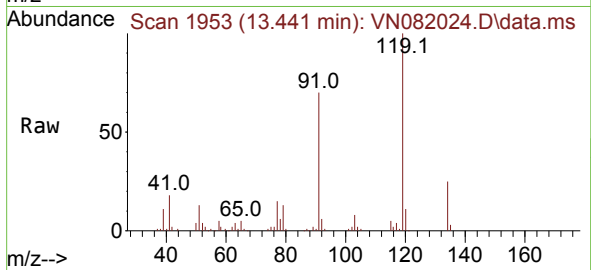




#79
tert-butylbenzene
Concen: 18.394 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

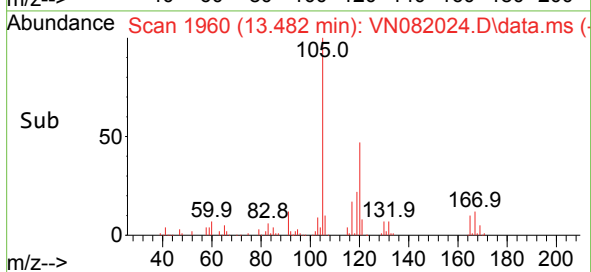
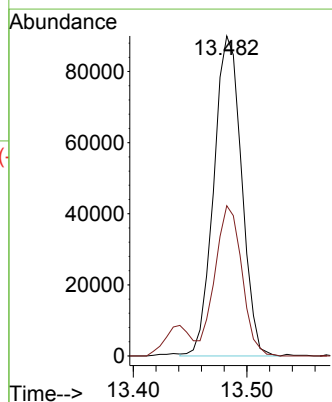
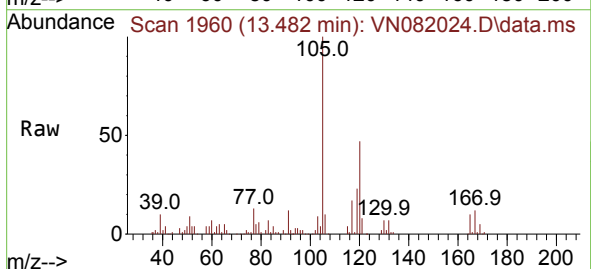
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

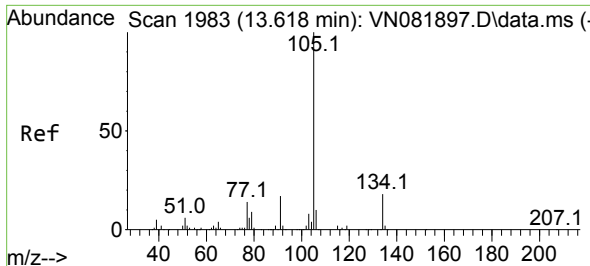
Tgt Ion:119 Resp: 129781
Ion Ratio Lower Upper
119 100
91 70.3 0.0 138.8
134 24.4 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 18.572 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:105 Resp: 152867
Ion Ratio Lower Upper
105 100
120 45.1 0.0 86.8

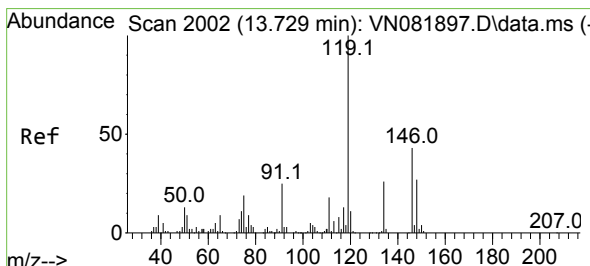
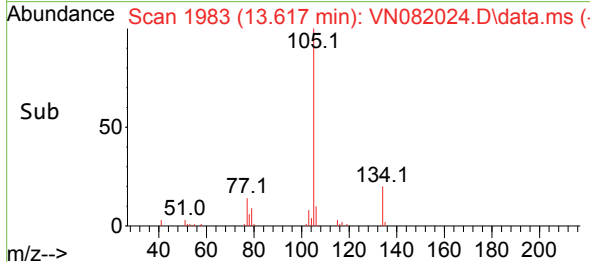
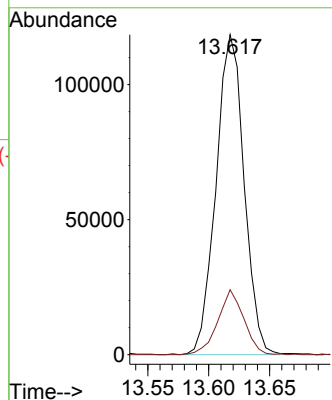
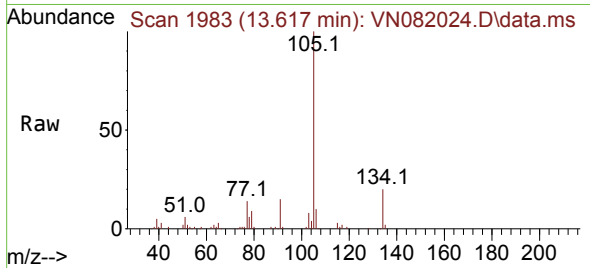




#81
 sec-Butylbenzene
 Concen: 19.222 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

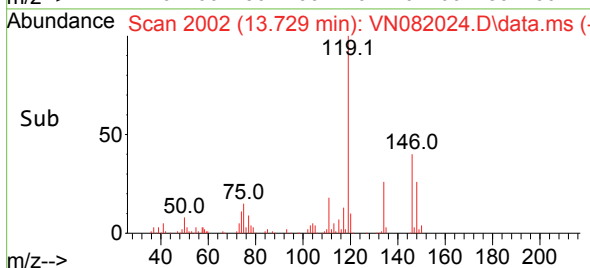
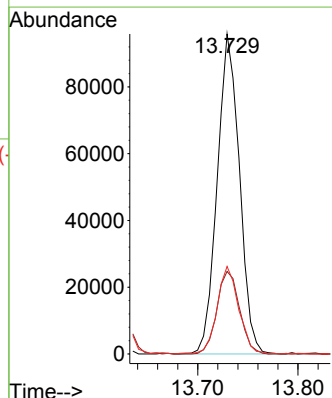
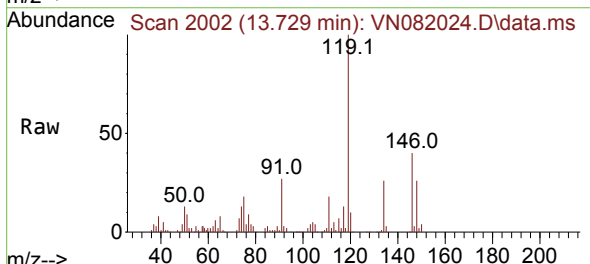
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

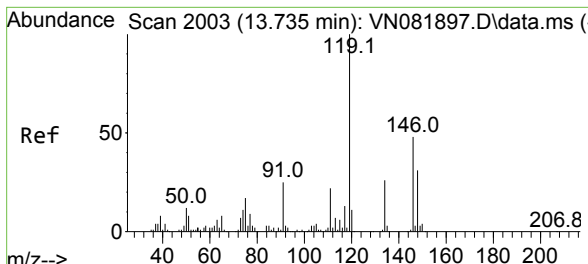
Tgt Ion:105 Resp: 190103
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.882 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082024.D
 Acq: 08 May 2024 09:33

Tgt Ion:119 Resp: 147665
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 49.2
 91 26.4 0.0 48.8

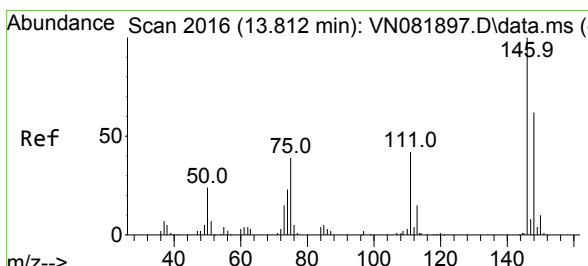
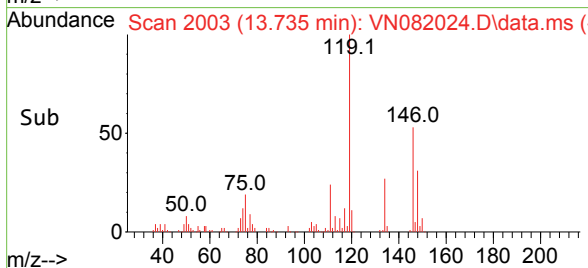
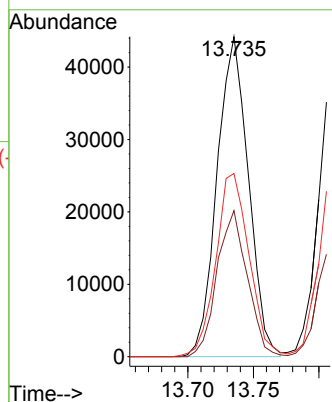
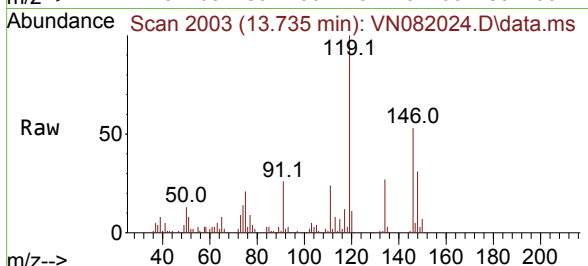




#83
1,3-Dichlorobenzene
Concen: 18.836 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

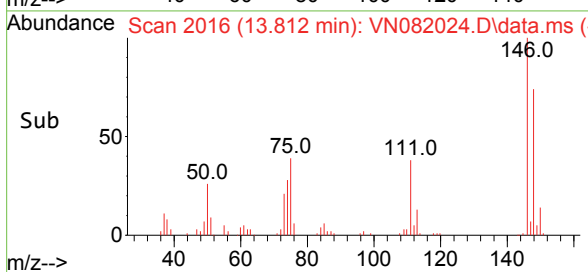
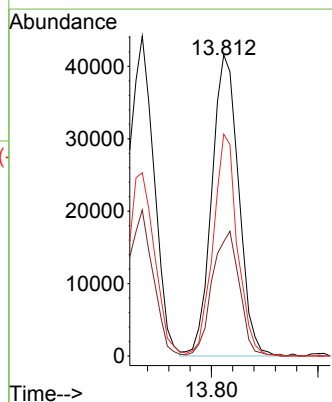
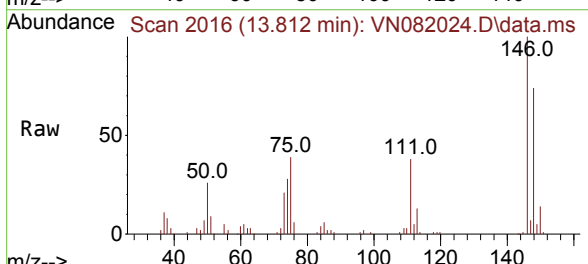
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

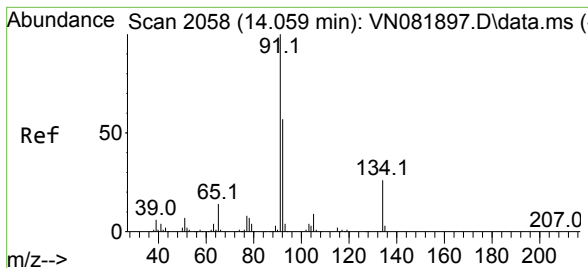
Tgt Ion:146 Resp: 73499
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 60.8 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 18.594 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion:146 Resp: 72926
Ion Ratio Lower Upper
146 100
111 42.0 21.3 63.9
148 66.6 31.9 95.5





#85

n-Butylbenzene

Concen: 19.824 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

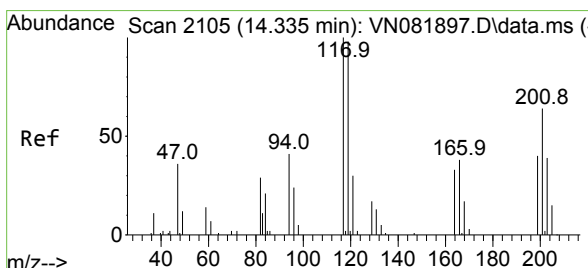
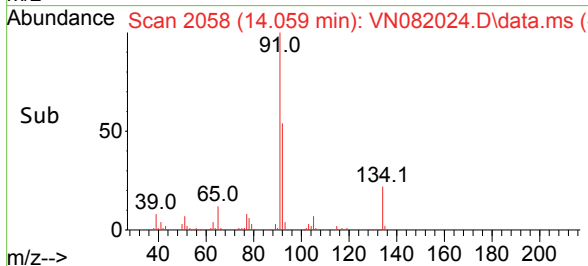
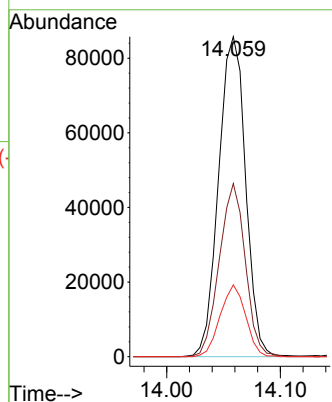
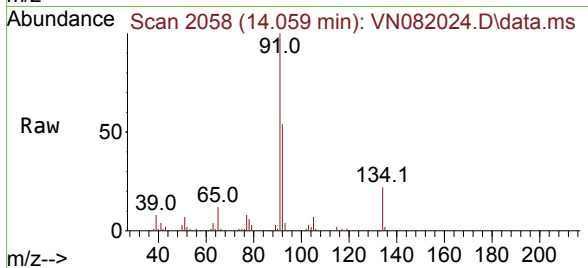
Tgt Ion: 91 Resp: 141614

Ion Ratio Lower Upper

91 100

92 52.1 0.0 105.0

134 21.2 0.0 51.8



#86

Hexachloroethane

Concen: 18.565 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082024.D

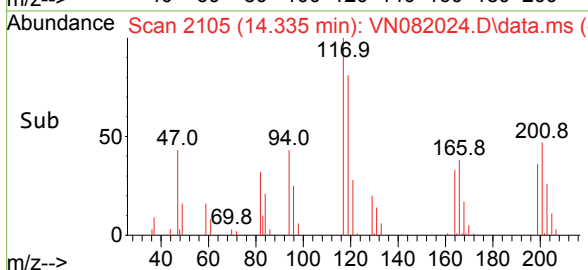
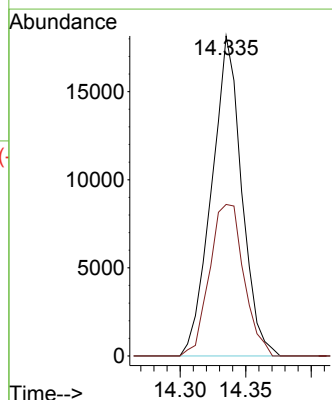
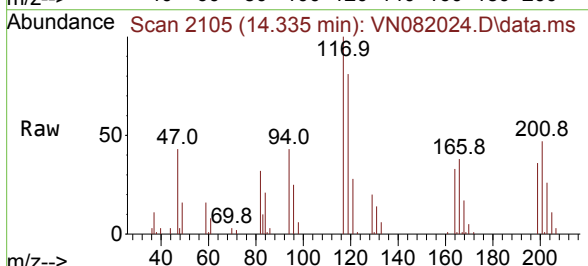
Acq: 08 May 2024 09:33

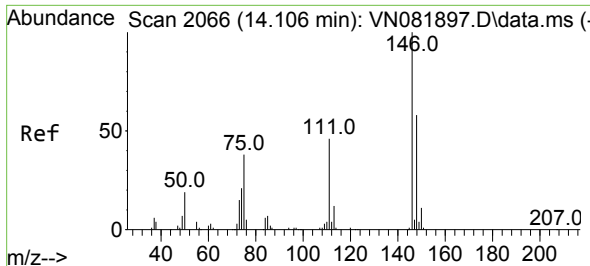
Tgt Ion: 117 Resp: 28949

Ion Ratio Lower Upper

117 100

201 53.9 38.0 114.0

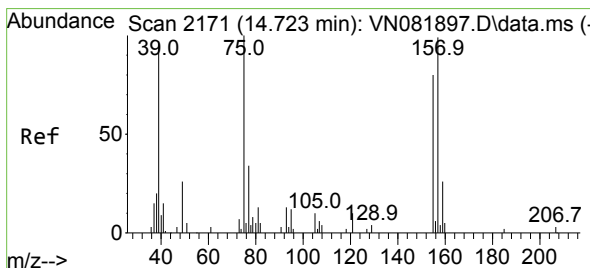
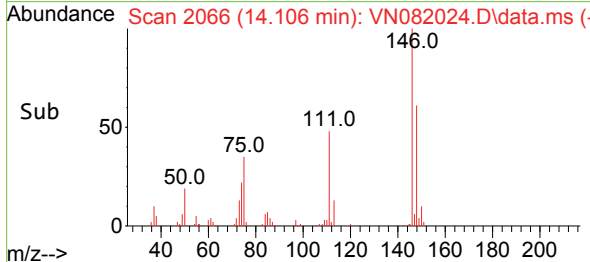
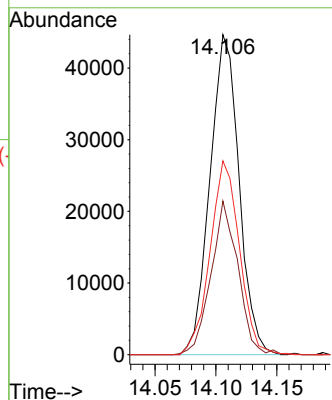
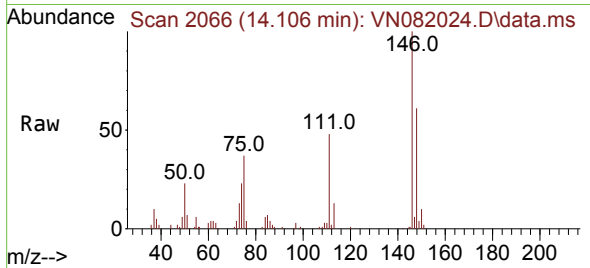




#87
1,2-Dichlorobenzene
Concen: 19.131 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

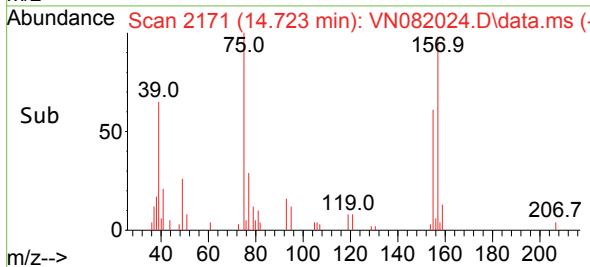
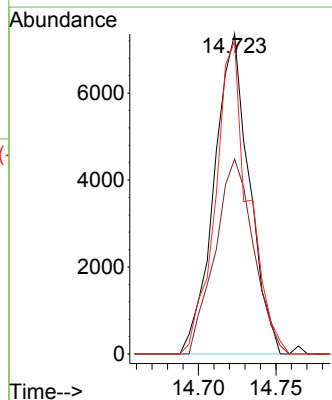
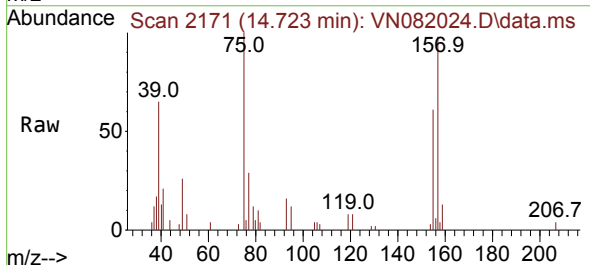
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

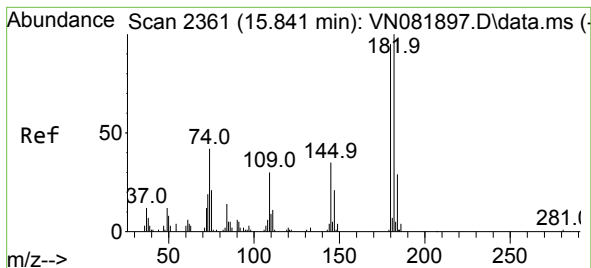
Tgt Ion:146 Resp: 74351
Ion Ratio Lower Upper
146 100
111 44.2 22.6 67.8
148 61.3 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.719 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082024.D
Acq: 08 May 2024 09:33

Tgt Ion: 75 Resp: 11584
Ion Ratio Lower Upper
75 100
155 66.8 61.7 92.5
157 92.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.082 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

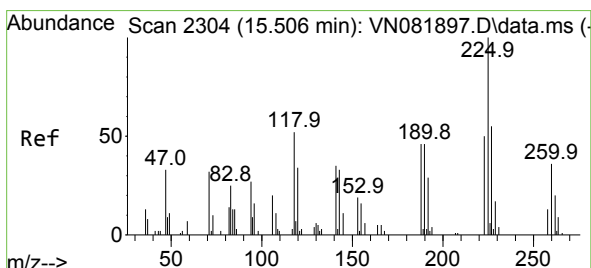
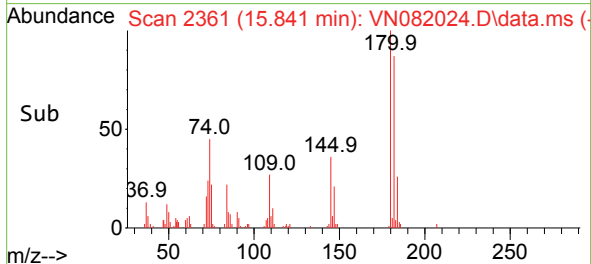
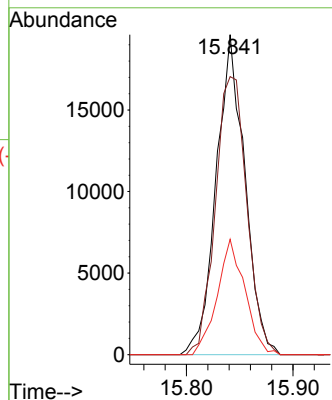
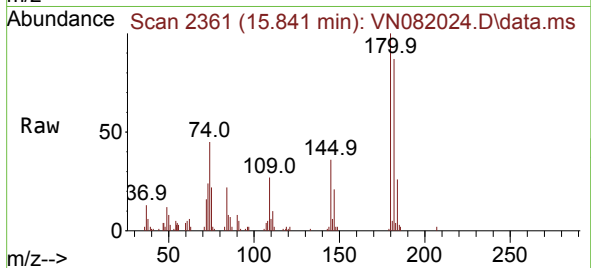
Tgt Ion:180 Resp: 36556

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 34.9 28.4 42.6



#90

Hexachlorobutadiene

Concen: 15.062 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

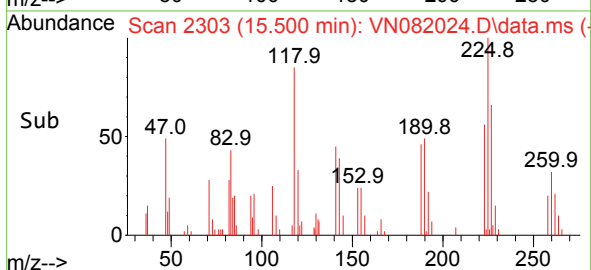
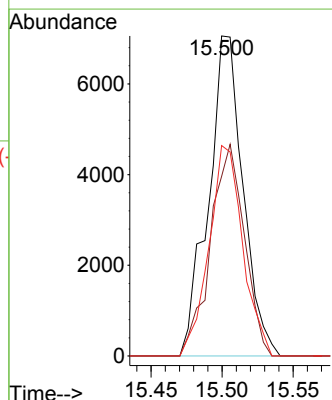
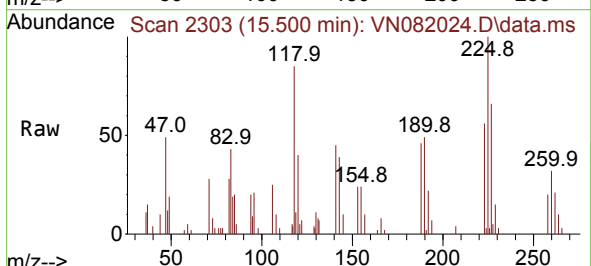
Tgt Ion:225 Resp: 11938

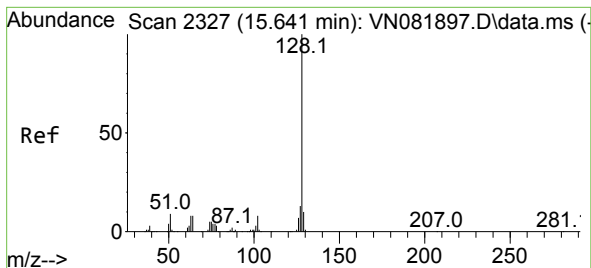
Ion Ratio Lower Upper

225 100

223 64.9 0.0 126.6

227 64.2 0.0 126.6





#91

Naphthalene

Concen: 17.393 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

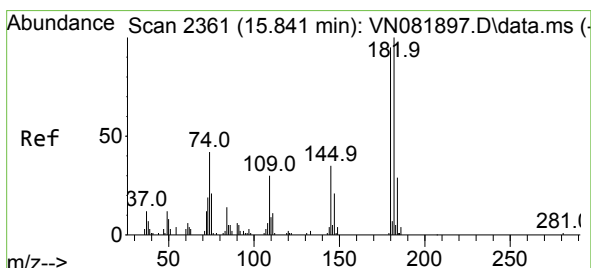
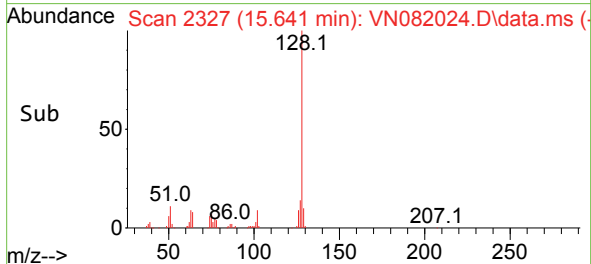
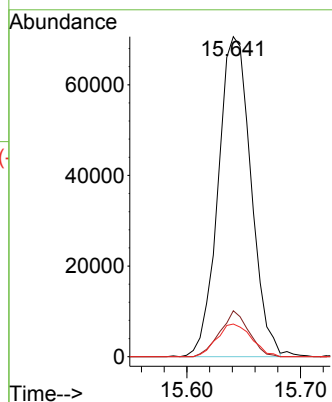
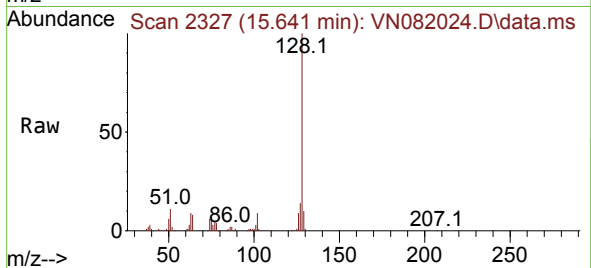
Tgt Ion:128 Resp: 141494

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.8 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 17.082 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082024.D

Acq: 08 May 2024 09:33

Tgt Ion:180 Resp: 36556

Ion Ratio Lower Upper

180 100

182 95.4 0.0 191.0

145 34.9 0.0 71.0

