

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081533.D
 Acq On : 21 Mar 2024 20:34
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 22 05:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	407655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	702462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	301015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	276355	53.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	8.171	113	244111	55.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	10.565	98	857433	53.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.847	95	311860	55.227	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	234899	42.794	ug/l	100
3) Chloromethane	2.365	50	253900	46.458	ug/l	95
4) Vinyl Chloride	2.518	62	348990	56.900	ug/l	91
5) Bromomethane	2.947	94	197722	45.583	ug/l	92
6) Chloroethane	3.124	64	201513	47.852	ug/l	100
7) Trichlorofluoromethane	3.500	101	461104	50.444	ug/l	95
8) Diethyl Ether	3.959	74	171667	56.747	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	259047	49.875	ug/l #	88
10) Methyl Iodide	4.588	142	309170	59.774	ug/l	99
11) Tert butyl alcohol	5.512	59	254474	280.887	ug/l	100
12) 1,1-Dichloroethene	4.336	96	252369	52.457	ug/l	88
13) Acrolein	4.177	56	281271	345.991	ug/l	97
14) Allyl chloride	5.024	41	319770	53.043	ug/l #	84
15) Acrylonitrile	5.712	53	635587	262.240	ug/l	97
16) Acetone	4.424	43	438645	261.084	ug/l	99
17) Carbon Disulfide	4.718	76	651259	47.172	ug/l	96
18) Methyl Acetate	5.024	43	294590	56.874	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	882210	58.593	ug/l	95
20) Methylene Chloride	5.283	84	291893	53.038	ug/l	86
21) trans-1,2-Dichloroethene	5.788	96	275192	51.302	ug/l	90
22) Diisopropyl ether	6.671	45	819659	58.516	ug/l #	92
23) Vinyl Acetate	6.600	43	3128101	280.560	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	511469	54.517	ug/l	98
25) 2-Butanone	7.482	43	764902	265.434	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	419180	51.514	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	334243	55.071	ug/l	84
28) Bromochloromethane	7.812	49	180147	47.143	ug/l #	54
29) Tetrahydrofuran	7.835	42	512242	263.865	ug/l #	78
30) Chloroform	7.965	83	551821	54.943	ug/l	99
31) Cyclohexane	8.259	56	388660	45.943	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	480417	52.723	ug/l	93
36) 1,1-Dichloropropene	8.371	75	387789	51.978	ug/l	94
37) Ethyl Acetate	7.559	43	324509	50.795	ug/l	96
38) Carbon Tetrachloride	8.359	117	415503	50.840	ug/l	98
39) Methylcyclohexane	9.600	83	439605	52.764	ug/l	85
40) Benzene	8.606	78	1186073	54.378	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	185711	54.968	ug/l	89
42) 1,2-Dichloroethane	8.671	62	412631	53.756	ug/l	97
43) Isopropyl Acetate	8.688	43	570382	53.862	ug/l #	90
44) Trichloroethene	9.353	130	325289	53.025	ug/l	95
45) 1,2-Dichloropropane	9.623	63	292062	55.250	ug/l	100
46) Dibromomethane	9.706	93	213148	53.096	ug/l #	87
47) Bromodichloromethane	9.888	83	437268	55.711	ug/l #	98
48) Methyl methacrylate	9.682	41	271940	55.675	ug/l #	85
49) 1,4-Dioxane	9.694	88	112163	955.559	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1702337	263.448	ug/l	90
52) Toluene	10.629	92	755505	54.496	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	467201	55.125	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	497575	54.758	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	307389	55.096	ug/l	94
56) Ethyl methacrylate	10.876	69	447197	53.432	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	513646	56.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1028199	292.886	ug/l #	84
59) 2-Hexanone	11.194	43	1248127	261.254	ug/l	89
60) Dibromochloromethane	11.359	129	337895	55.069	ug/l	97
61) 1,2-Dibromoethane	11.470	107	312818	54.995	ug/l	99
64) Tetrachloroethene	11.106	164	322612	52.942	ug/l	92
65) Chlorobenzene	11.894	112	812106	53.887	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	312080	55.873	ug/l	97
67) Ethyl Benzene	11.964	91	1454497	55.561	ug/l	98
68) m/p-Xylenes	12.070	106	1114477	113.560	ug/l	93
69) o-Xylene	12.400	106	551602	57.252	ug/l	92
70) Styrene	12.412	104	901432	58.012	ug/l	96
71) Bromoform	12.576	173	221311	52.727	ug/l #	96
73) Isopropylbenzene	12.694	105	1404832	54.750	ug/l	97
74) N-amyl acetate	12.494	43	506006	54.494	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	377508	50.040	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	537839	74.696	ug/l	62
77) Bromobenzene	12.982	156	332604	52.474	ug/l	71
78) n-propylbenzene	13.035	91	1636710	54.014	ug/l	95
79) 2-Chlorotoluene	13.123	91	964214	53.166	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1181568	55.753	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	154554	58.004	ug/l	94
82) 4-Chlorotoluene	13.223	91	978030	54.698	ug/l	94
83) tert-Butylbenzene	13.441	119	994582	54.422	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1190130	55.874	ug/l	94
85) sec-Butylbenzene	13.617	105	1428486	54.678	ug/l	93
86) p-Isopropyltoluene	13.729	119	1199802	56.181	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	608238	52.229	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	611443	50.707	ug/l	97
89) n-Butylbenzene	14.058	91	1026494	54.206	ug/l	97
90) Hexachloroethane	14.335	117	205814	50.887	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	595607	53.137	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	79817	49.714	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	341730	52.728	ug/l	99
94) Hexachlorobutadiene	15.500	225	129187	45.430	ug/l	97
95) Naphthalene	15.641	128	1189918	56.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	337812	51.819	ug/l	97

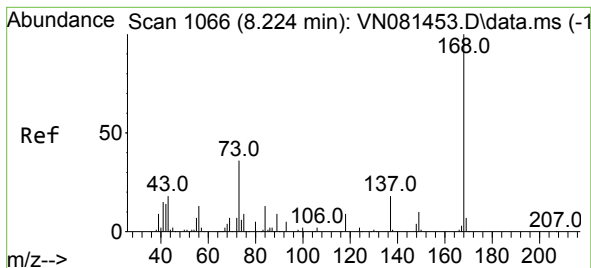
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

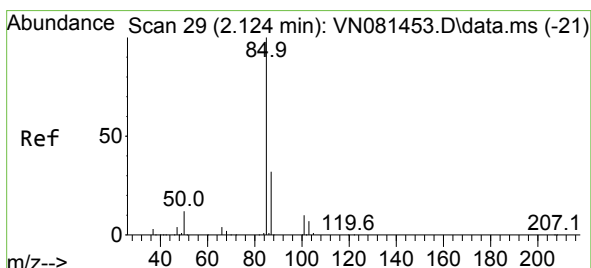
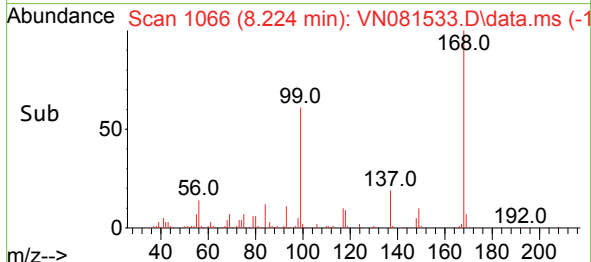
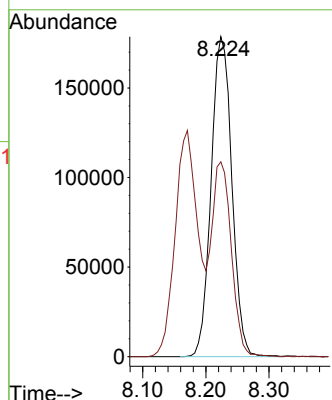
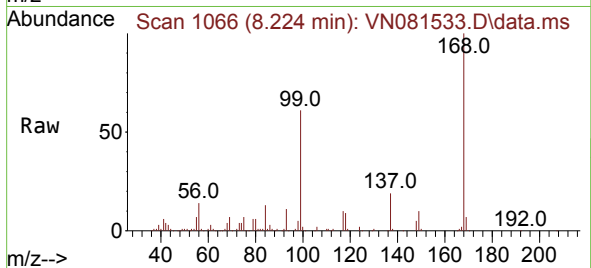
VSTDCCC050EC

Tgt Ion:168 Resp: 407655

Ion Ratio Lower Upper

168 100

99 60.9 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 42.794 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081533.D

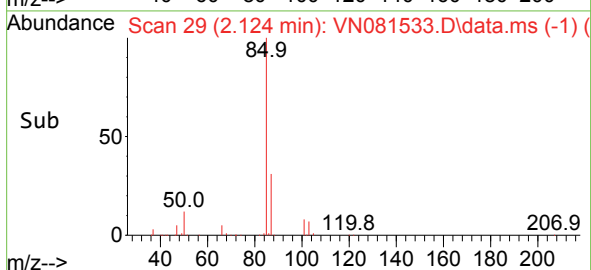
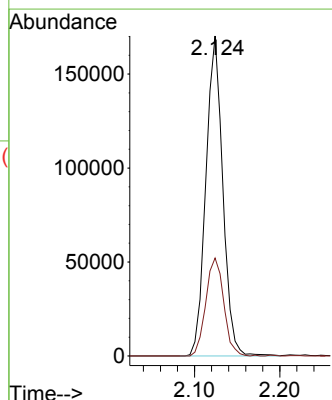
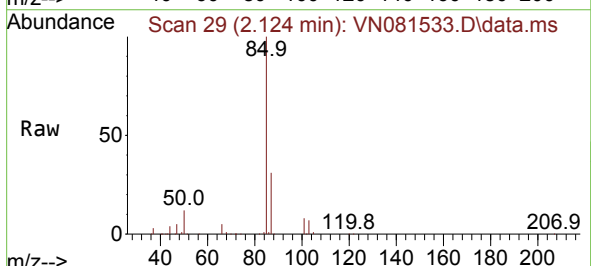
Acq: 21 Mar 2024 20:34

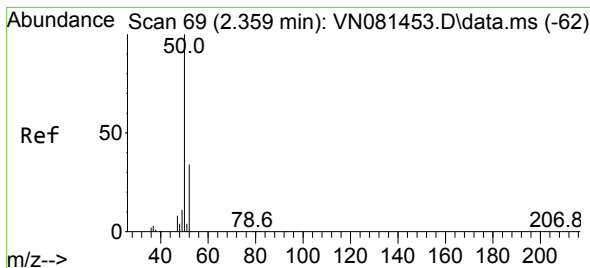
Tgt Ion: 85 Resp: 234899

Ion Ratio Lower Upper

85 100

87 30.6 15.3 45.9





#3

Chloromethane

Concen: 46.458 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

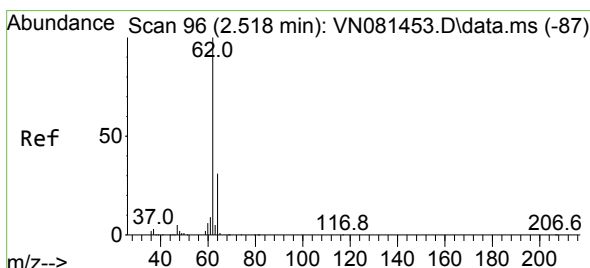
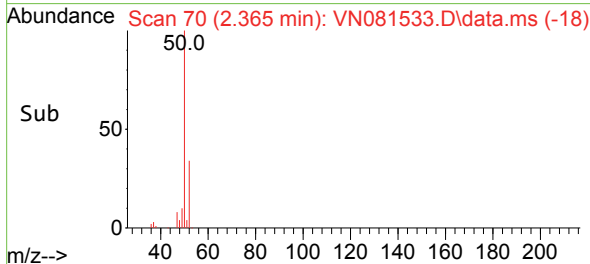
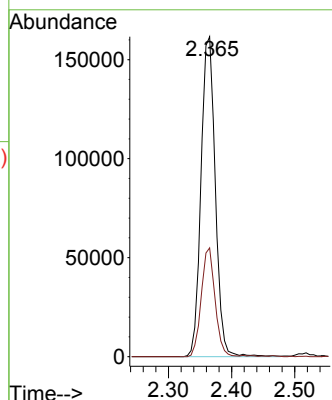
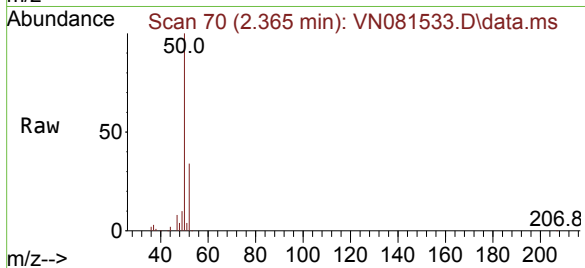
VSTDCCC050EC

Tgt Ion: 50 Resp: 253900

Ion Ratio Lower Upper

50 100

52 34.0 25.0 37.4



#4

Vinyl Chloride

Concen: 56.900 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081533.D

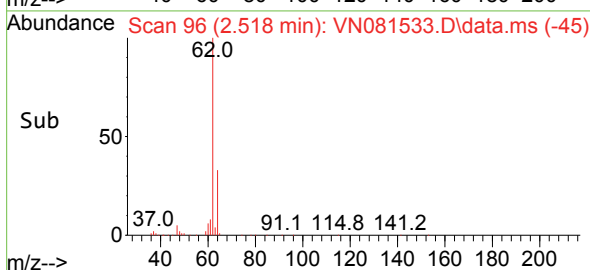
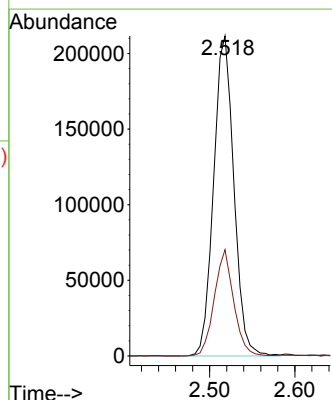
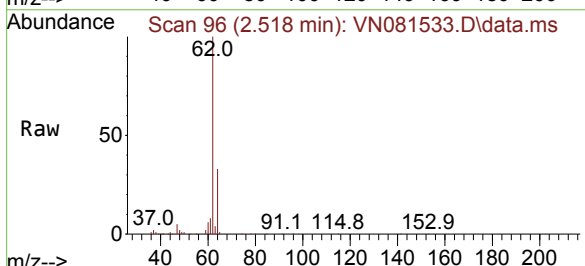
Acq: 21 Mar 2024 20:34

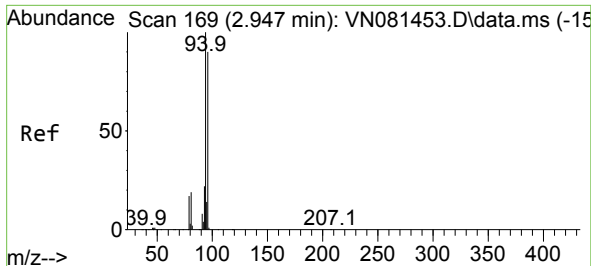
Tgt Ion: 62 Resp: 348990

Ion Ratio Lower Upper

62 100

64 33.2 22.7 34.1

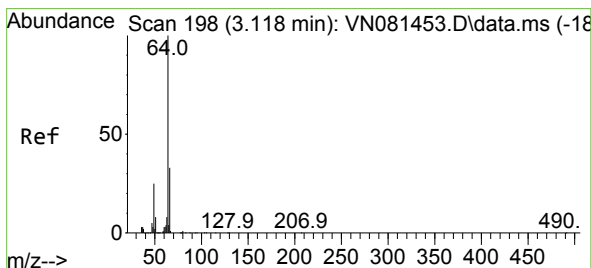
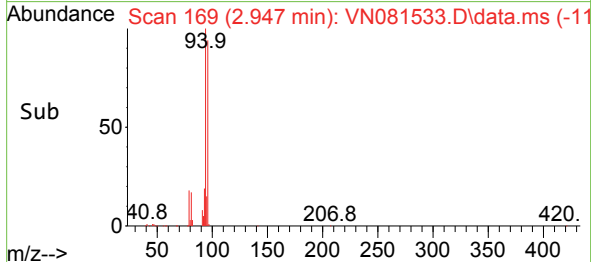
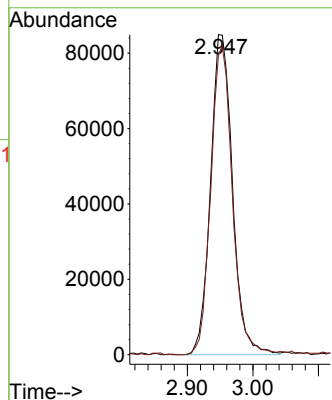
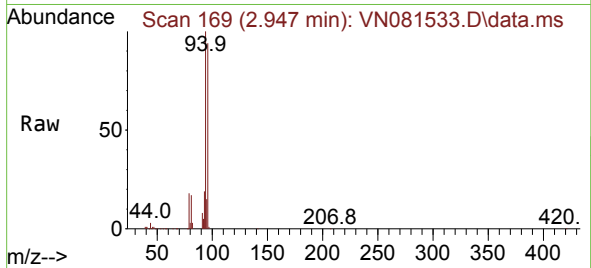




#5
Bromomethane
Concen: 45.583 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

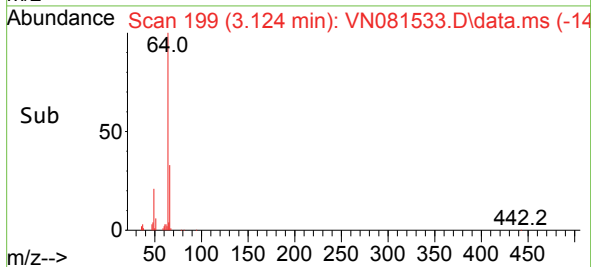
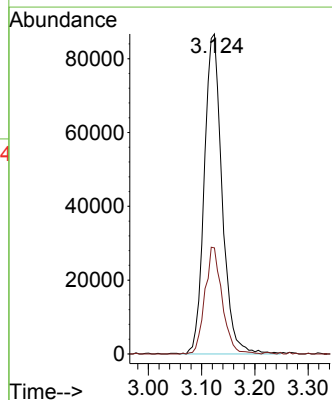
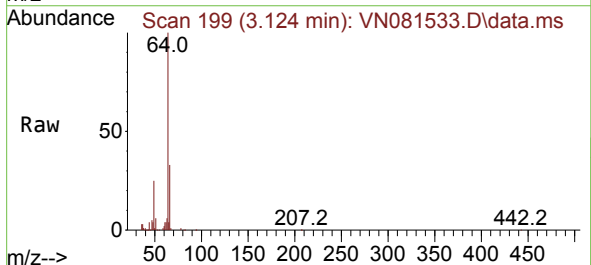
Instrument :
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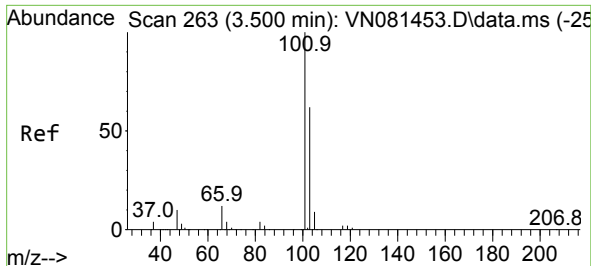
Tgt Ion: 94 Resp: 197722
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8



#6
Chloroethane
Concen: 47.852 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 64 Resp: 201513
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6

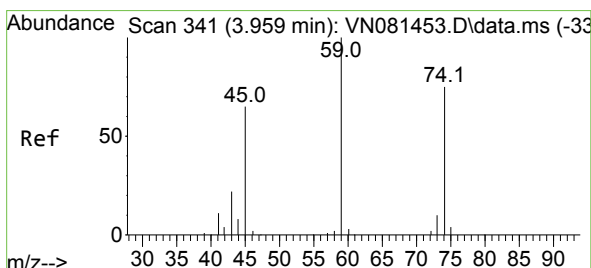
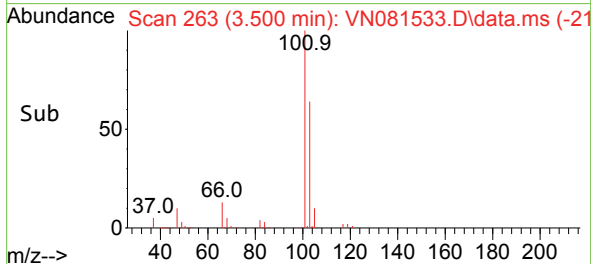
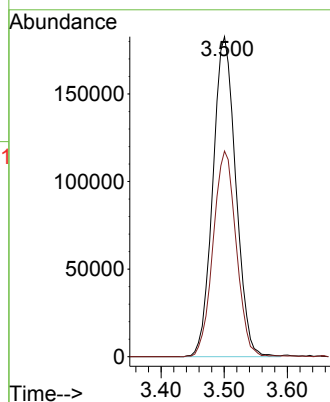
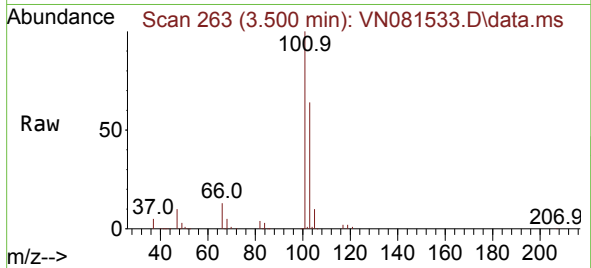




#7
 Trichlorofluoromethane
 Concen: 50.444 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

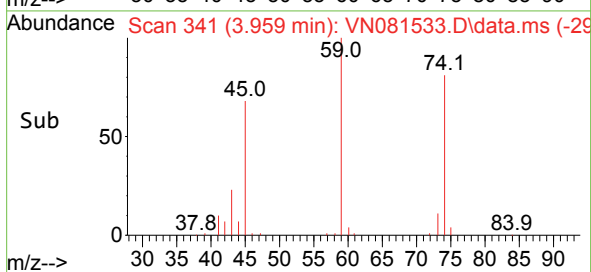
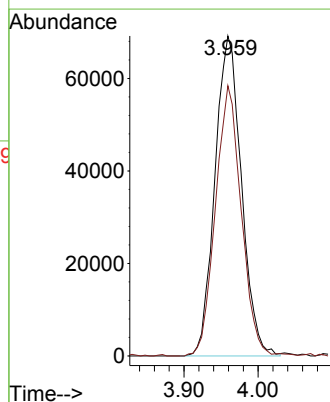
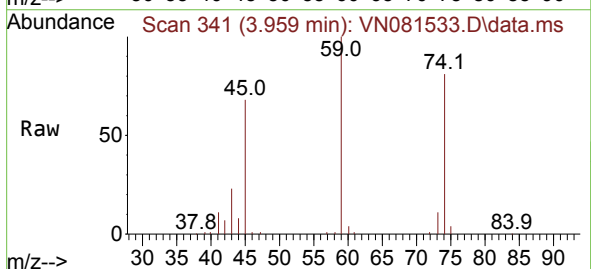
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 VSTDCCC050EC

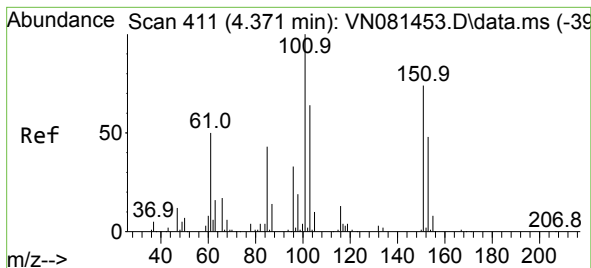
Tgt Ion:101 Resp: 461104
 Ion Ratio Lower Upper
 101 100
 103 64.3 54.4 81.6



#8
 Diethyl Ether
 Concen: 56.747 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 74 Resp: 171667
 Ion Ratio Lower Upper
 74 100
 45 82.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.875 ug/l

RT: 4.371 min Scan# 411

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

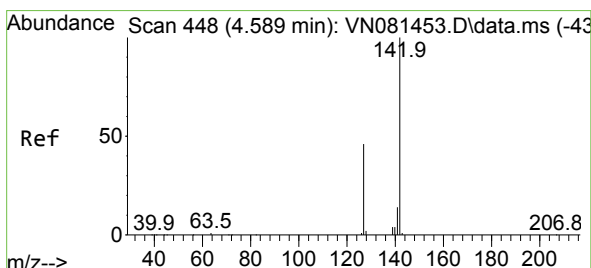
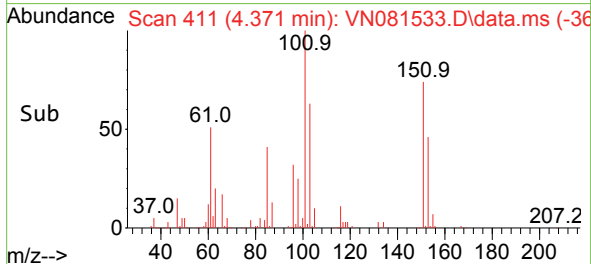
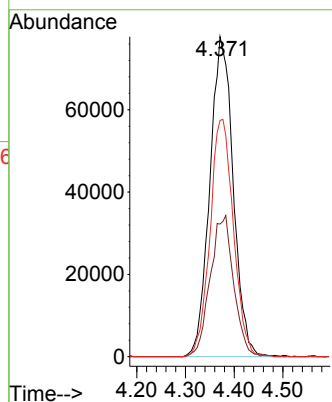
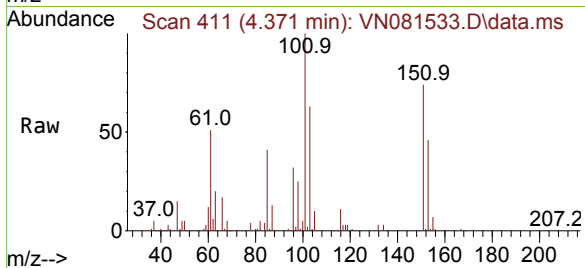
Tgt Ion:101 Resp: 259047

Ion Ratio Lower Upper

101 100

85 44.2 38.1 57.1

151 74.3 49.1 73.7#



#10

Methyl Iodide

Concen: 59.774 ug/l

RT: 4.588 min Scan# 448

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

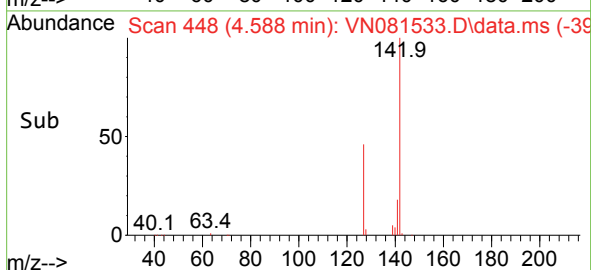
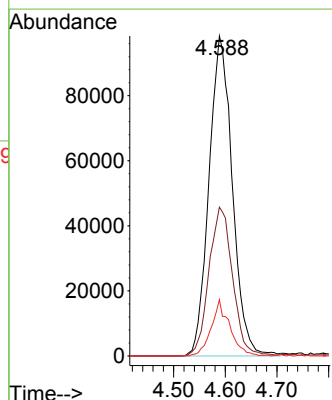
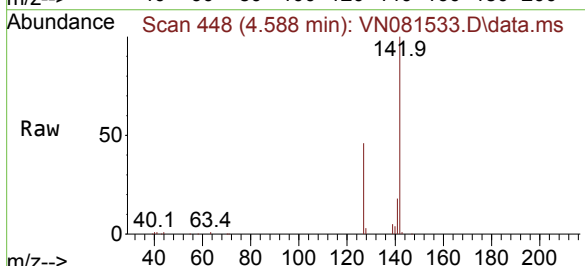
Tgt Ion:142 Resp: 309170

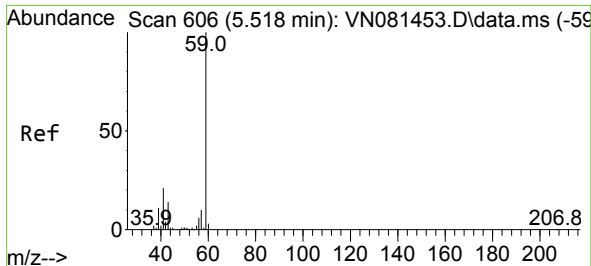
Ion Ratio Lower Upper

142 100

127 46.5 37.0 55.4

141 17.4 12.5 18.7

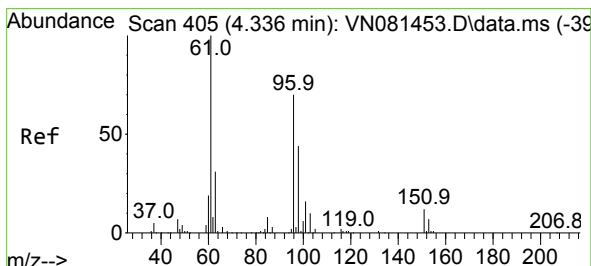
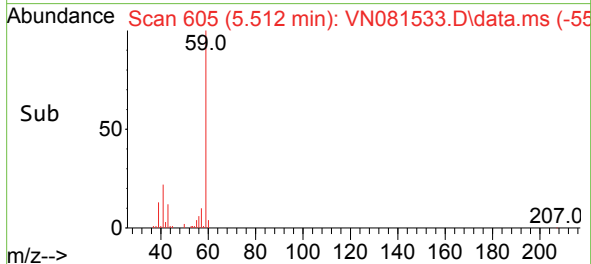
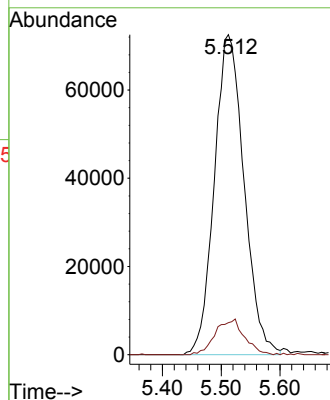
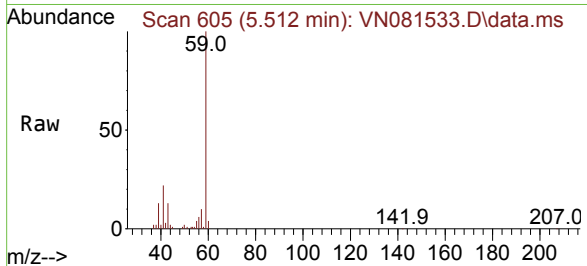




#11
Tert butyl alcohol
Concen: 280.887 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

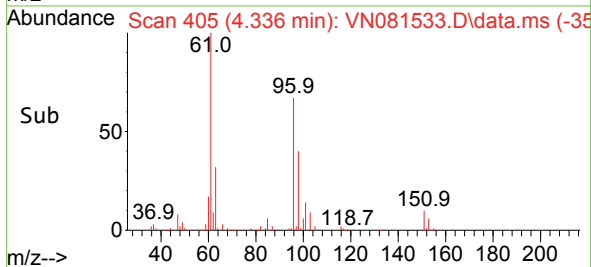
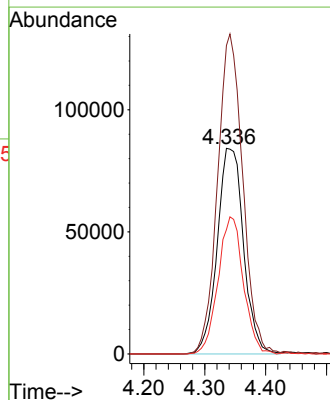
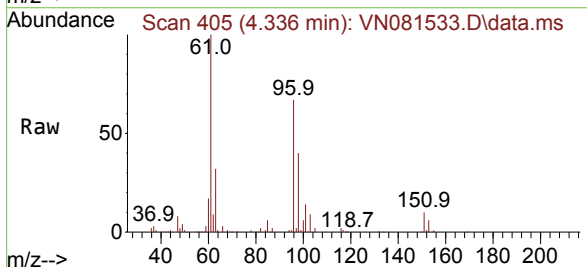
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

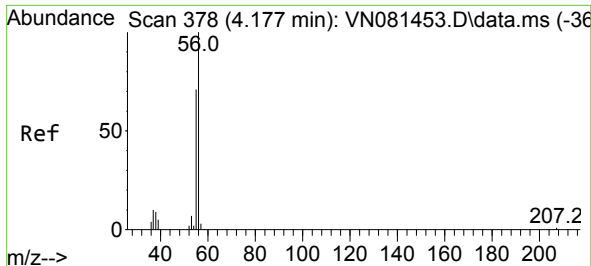
Tgt Ion: 59 Resp: 254474
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 52.457 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 96 Resp: 252369
Ion Ratio Lower Upper
96 100
61 150.1 138.2 207.4
98 60.5 49.2 73.8

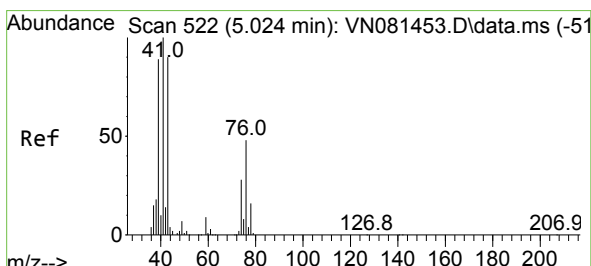
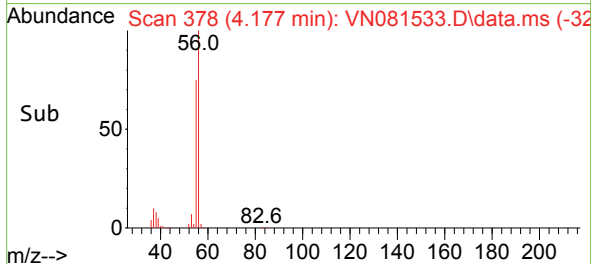
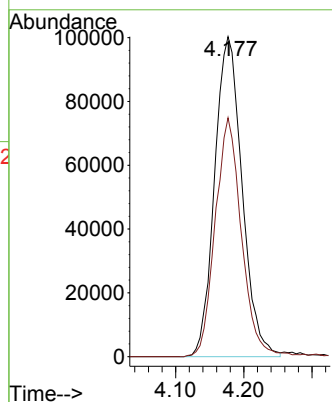
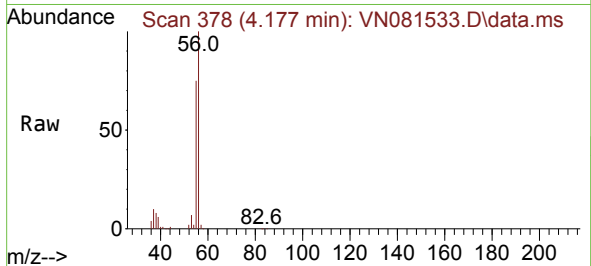




#13
Acrolein
Concen: 345.991 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

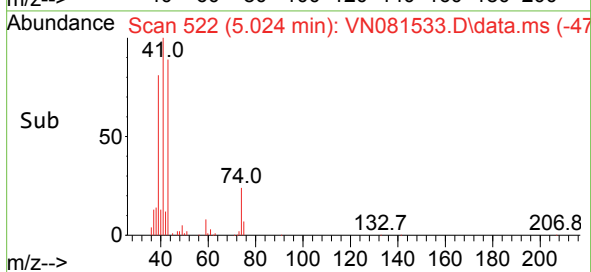
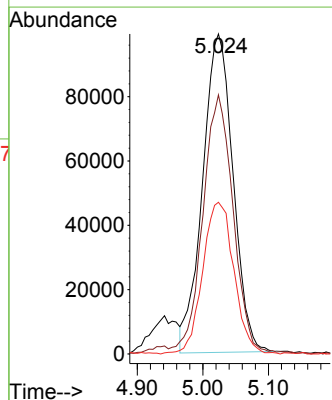
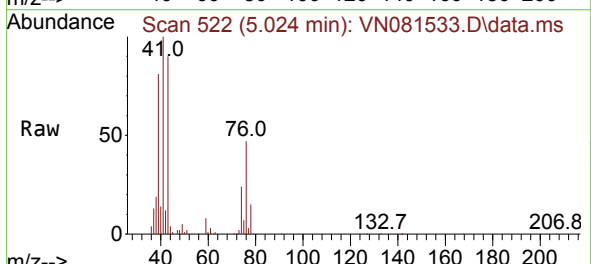
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

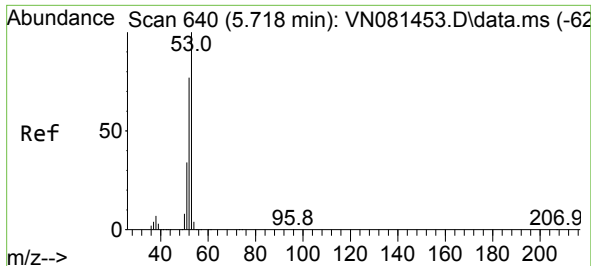
Tgt Ion: 56 Resp: 281271
Ion Ratio Lower Upper
56 100
55 71.4 55.3 82.9



#14
Allyl chloride
Concen: 53.043 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 41 Resp: 319770
Ion Ratio Lower Upper
41 100
39 80.8 57.7 86.5
76 48.9 26.8 40.2#





#15

Acrylonitrile

Concen: 262.240 ug/l

RT: 5.712 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

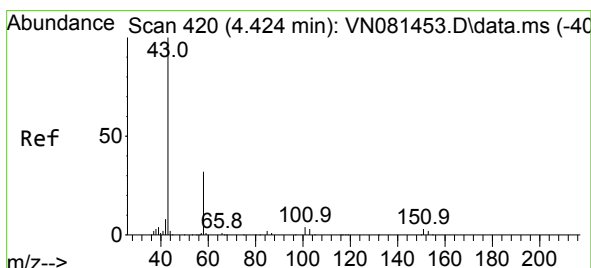
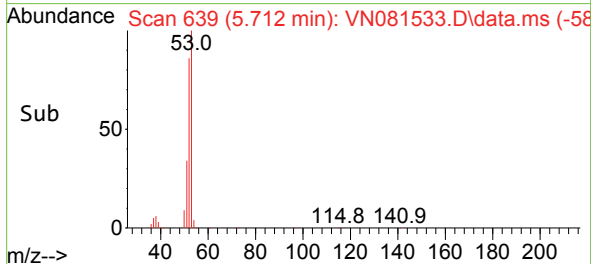
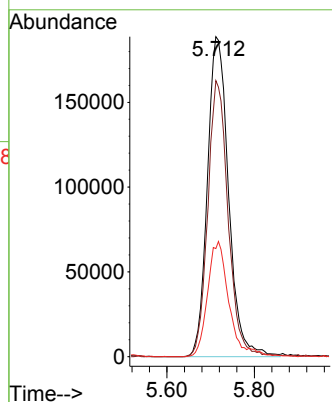
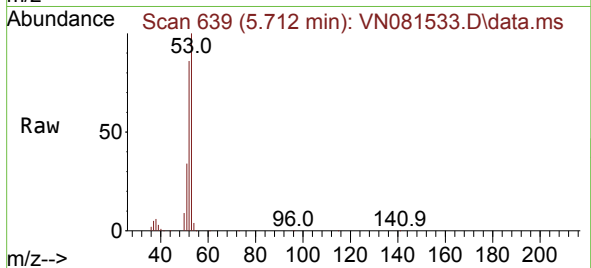
Tgt Ion: 53 Resp: 635587

Ion Ratio Lower Upper

53 100

52 82.7 64.8 97.2

51 36.2 26.9 40.3



#16

Acetone

Concen: 261.084 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN081533.D

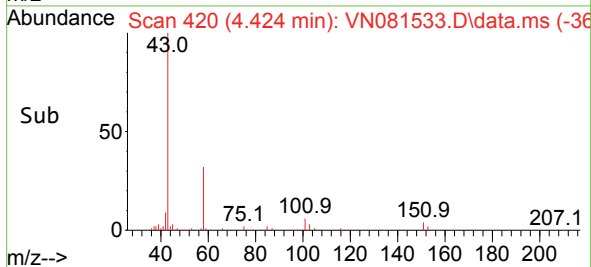
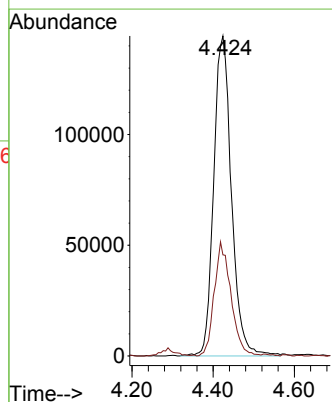
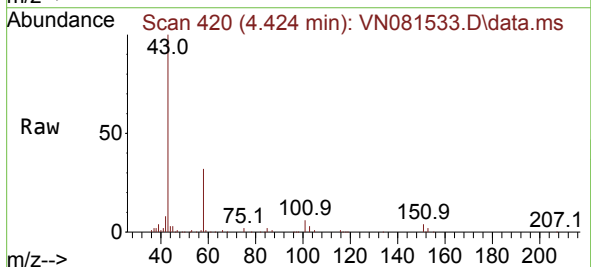
Acq: 21 Mar 2024 20:34

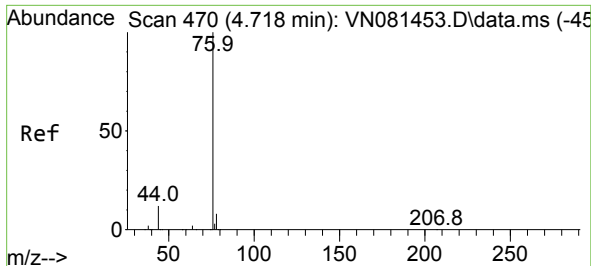
Tgt Ion: 43 Resp: 438645

Ion Ratio Lower Upper

43 100

58 31.6 24.8 37.2

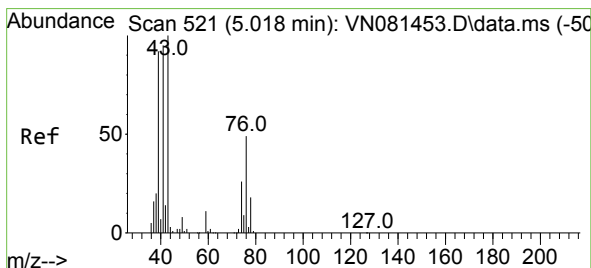
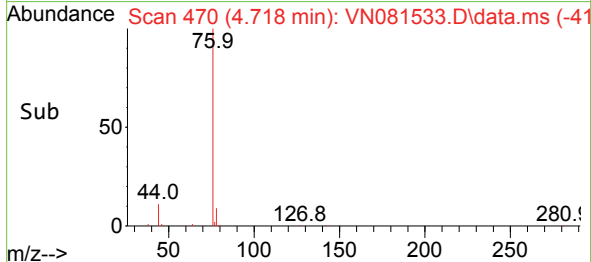
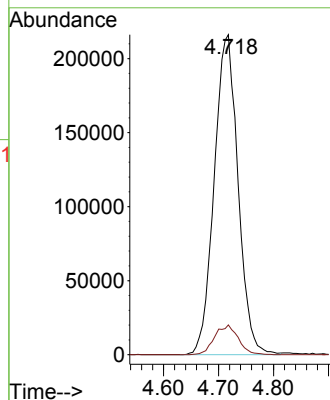
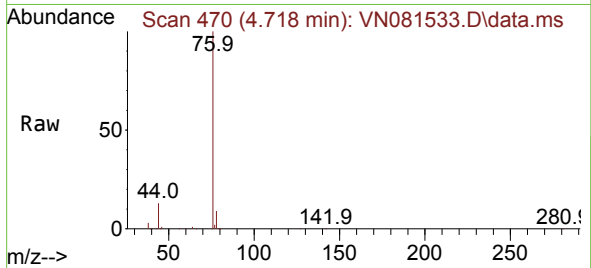




#17
Carbon Disulfide
Concen: 47.172 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

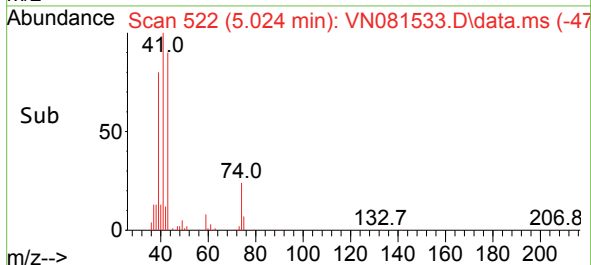
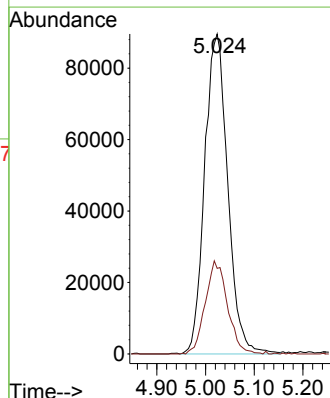
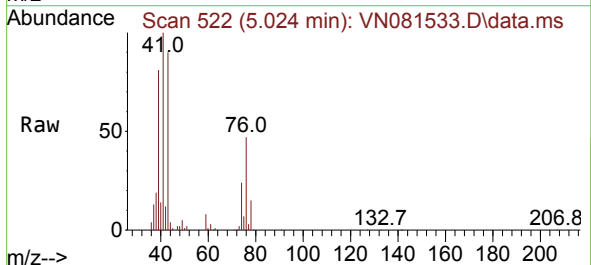
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

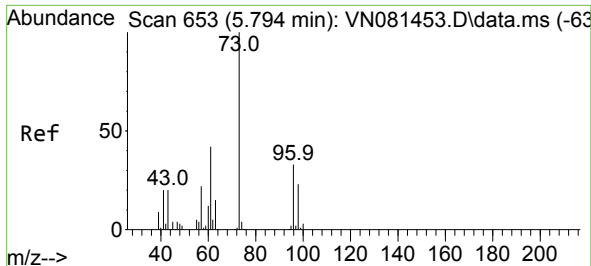
Tgt Ion: 76 Resp: 651259
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



#18
Methyl Acetate
Concen: 56.874 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 43 Resp: 294590
Ion Ratio Lower Upper
43 100
74 28.0 17.3 25.9#

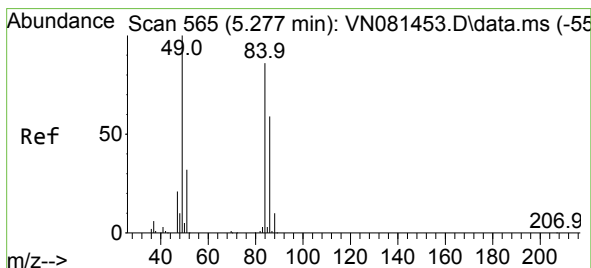
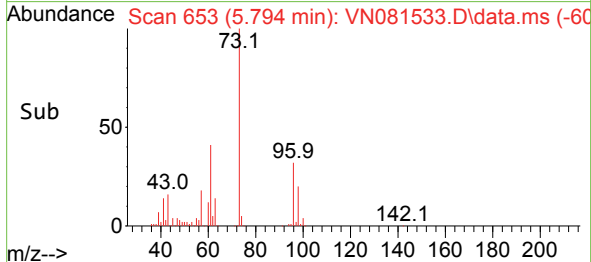
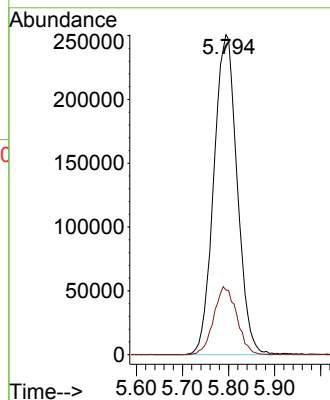
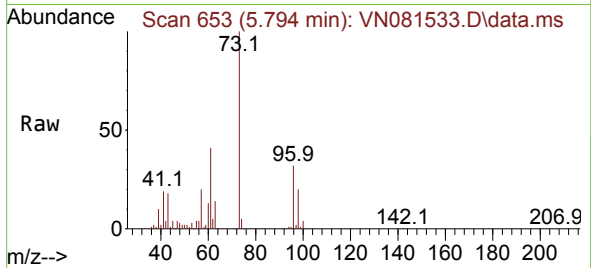




#19
Methyl tert-butyl Ether
Concen: 58.593 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

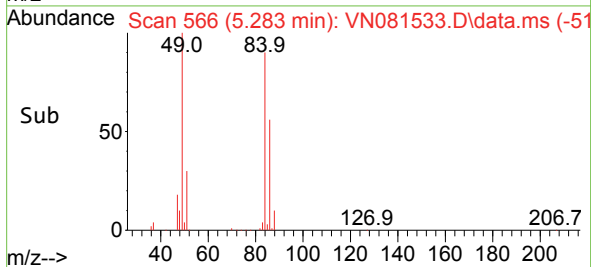
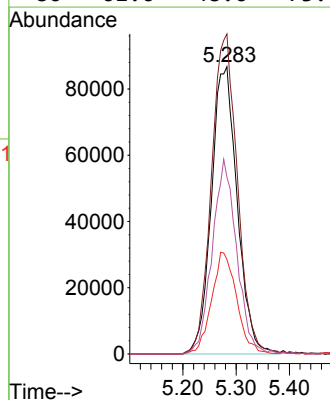
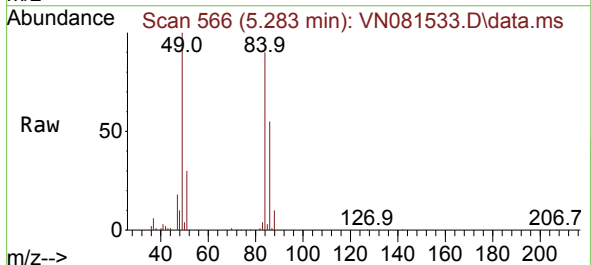
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

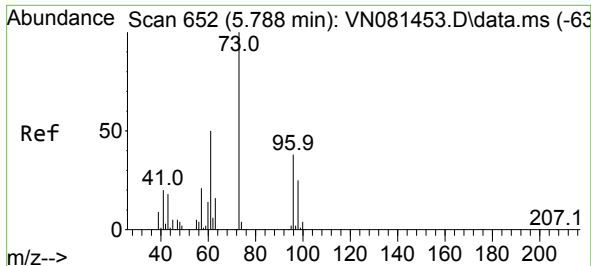
Tgt Ion: 73 Resp: 882210
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.4



#20
Methylene Chloride
Concen: 53.038 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 84 Resp: 291893
Ion Ratio Lower Upper
84 100
49 111.4 108.1 162.1
51 32.9 32.9 49.3
86 61.6 48.6 73.0

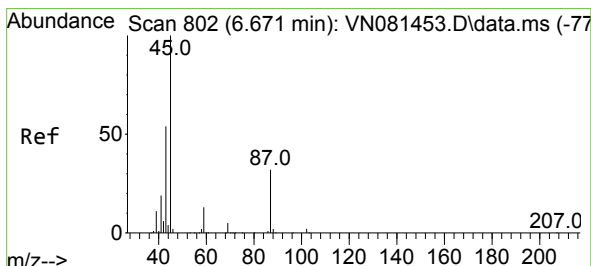
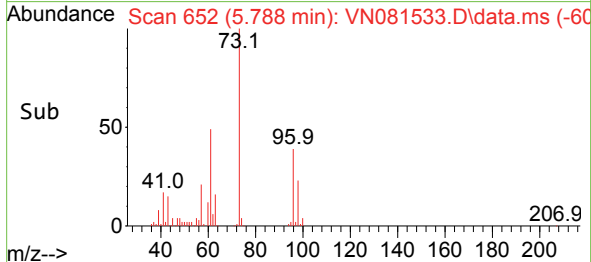
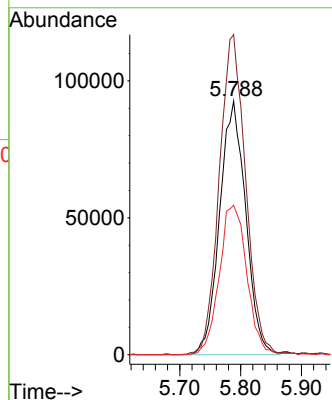
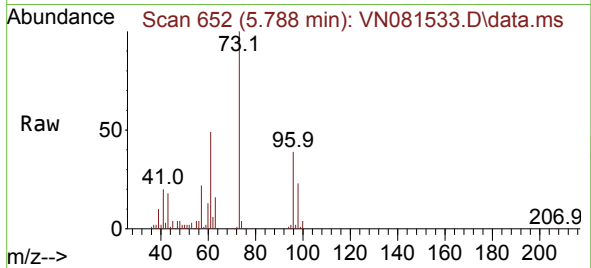




#21
trans-1,2-Dichloroethene
Concen: 51.302 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

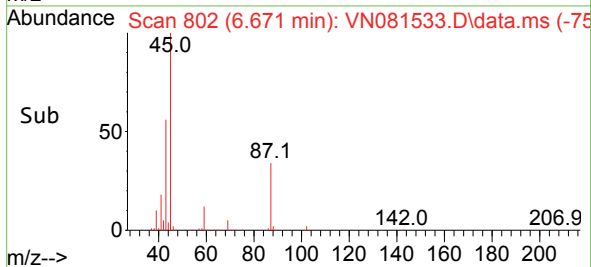
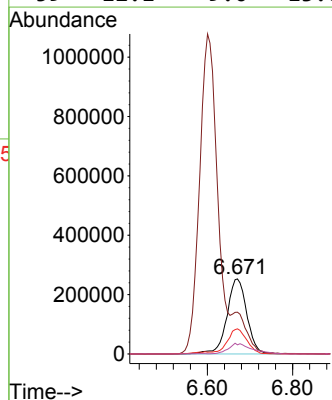
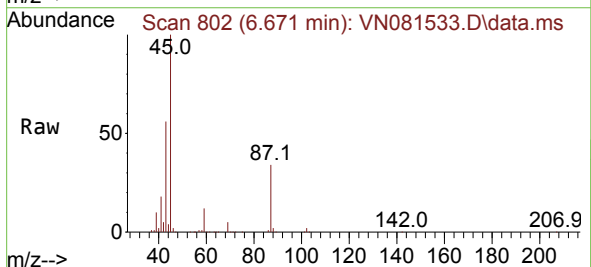
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

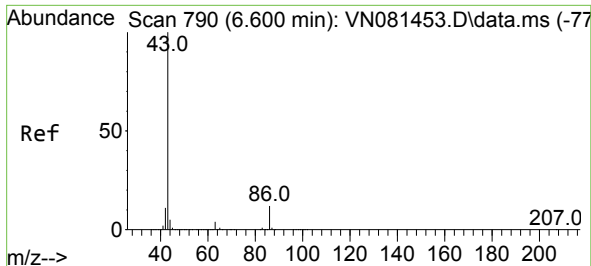
Tgt Ion: 96 Resp: 275192
Ion Ratio Lower Upper
96 100
61 126.2 112.8 169.2
98 58.9 51.0 76.4



#22
Diisopropyl ether
Concen: 58.516 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 45 Resp: 819659
Ion Ratio Lower Upper
45 100
43 54.9 41.8 62.8
87 33.4 18.1 27.1#
59 12.1 9.0 13.6

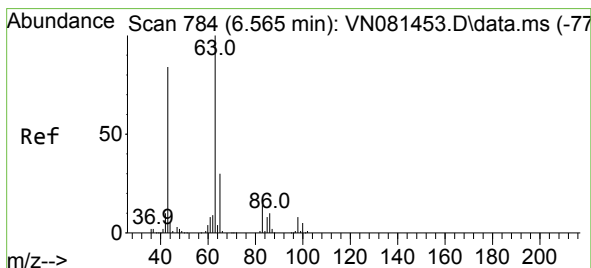
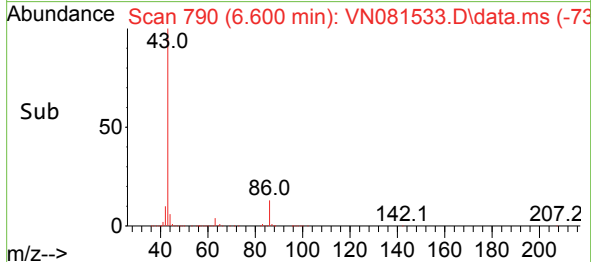
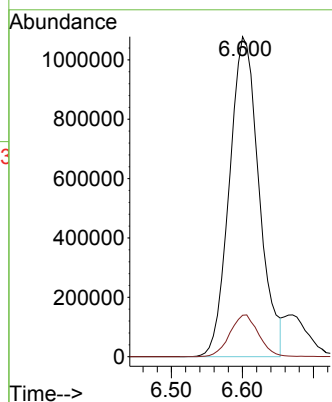
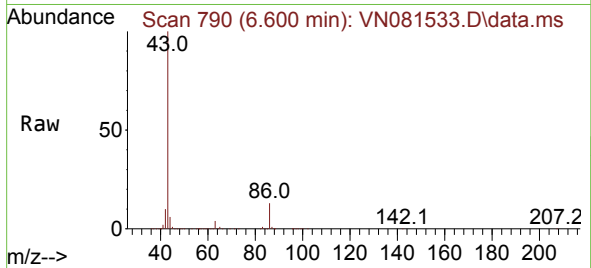




#23
 Vinyl Acetate
 Concen: 280.560 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

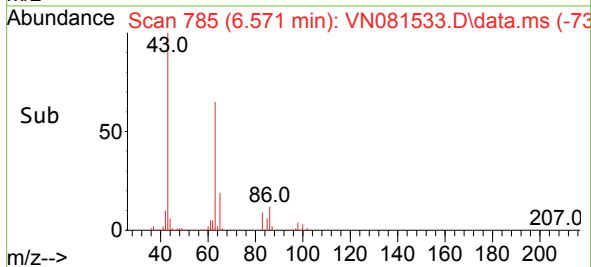
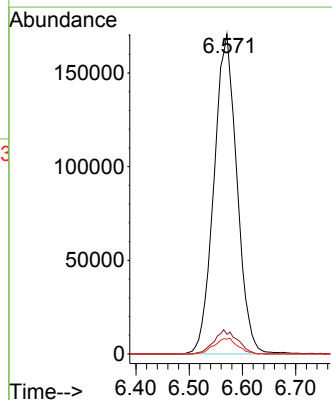
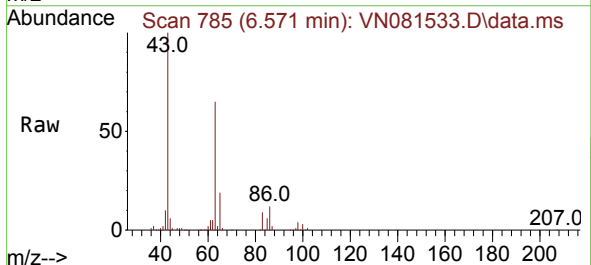
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 ClientSampleId :
 VSTDCCC050EC

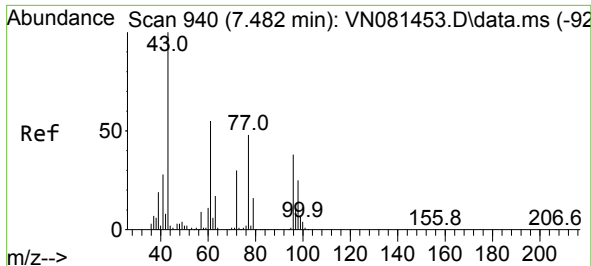
Tgt Ion: 43 Resp: 3128101
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.517 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 63 Resp: 511469
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 4.7 1.9 5.7

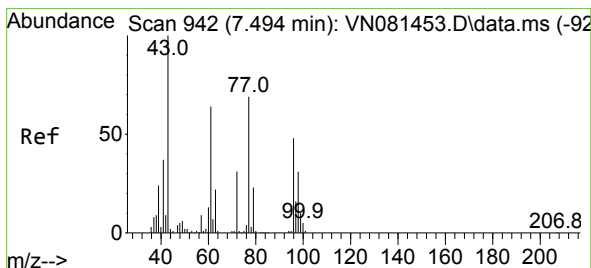
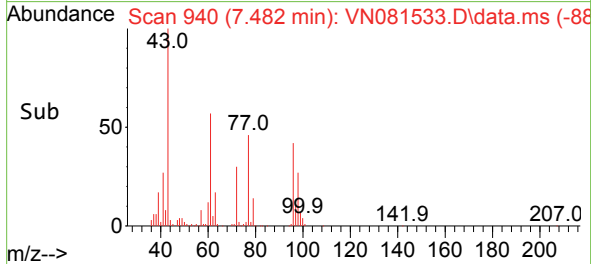
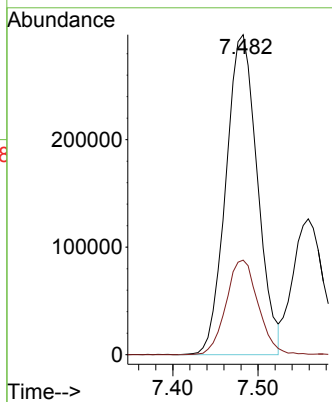
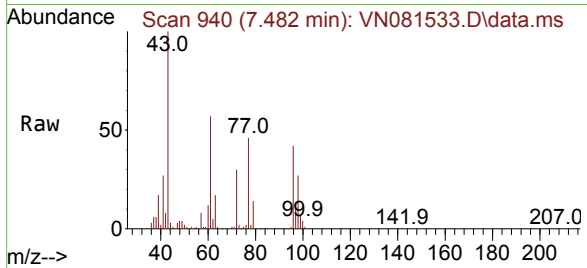




#25
2-Butanone
Concen: 265.434 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

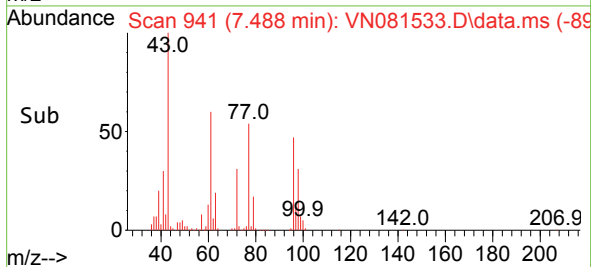
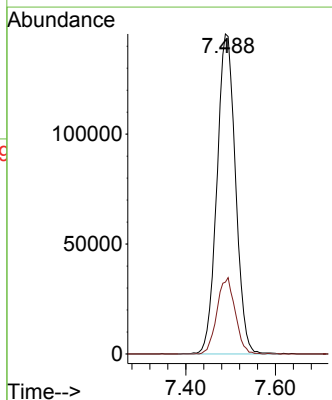
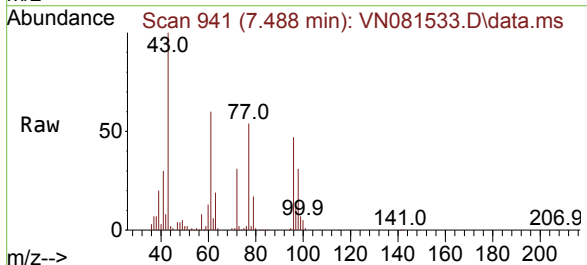
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

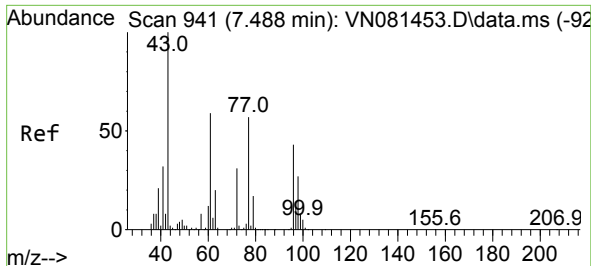
Tgt Ion: 43 Resp: 764902
Ion Ratio Lower Upper
43 100
72 29.5 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 51.514 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 77 Resp: 419180
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5

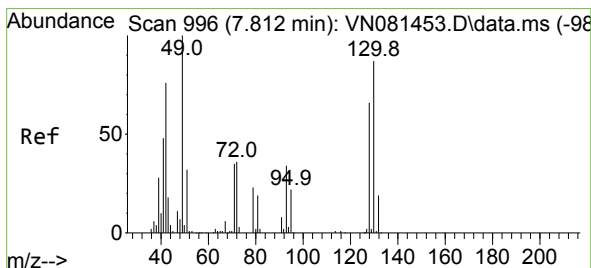
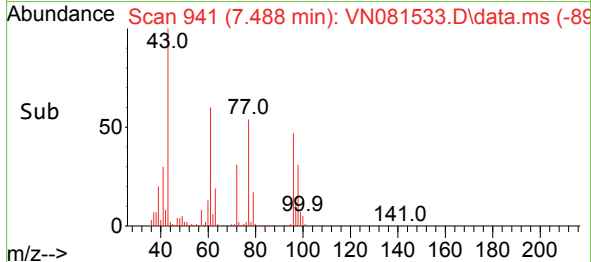
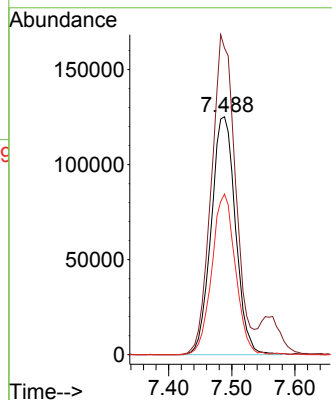
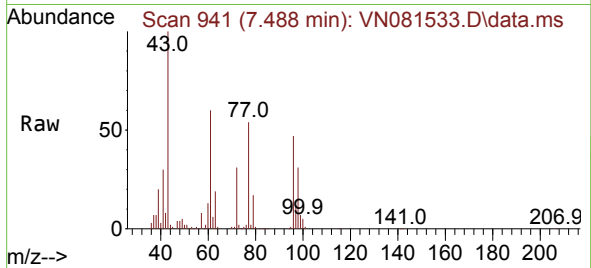




#27
 cis-1,2-Dichloroethene
 Concen: 55.071 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

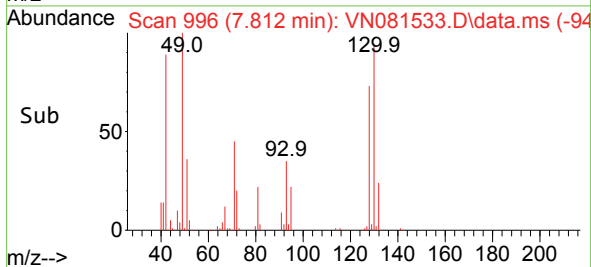
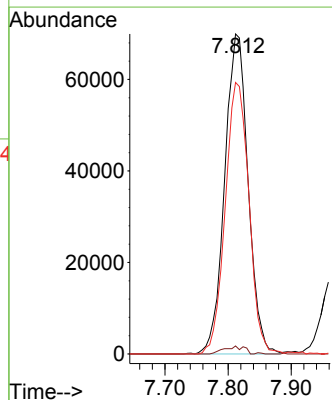
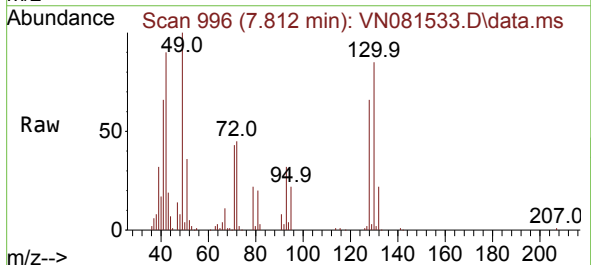
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

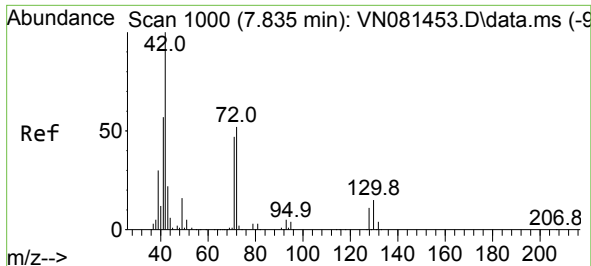
Tgt Ion: 96 Resp: 334243
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 325.4
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 47.143 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 49 Resp: 180147
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 85.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 263.865 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

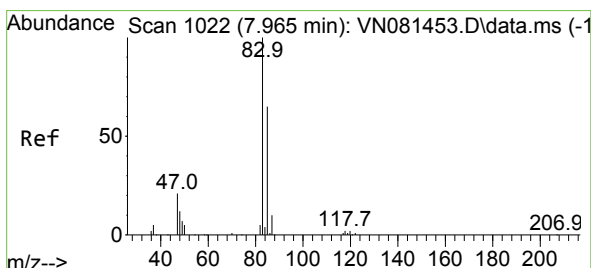
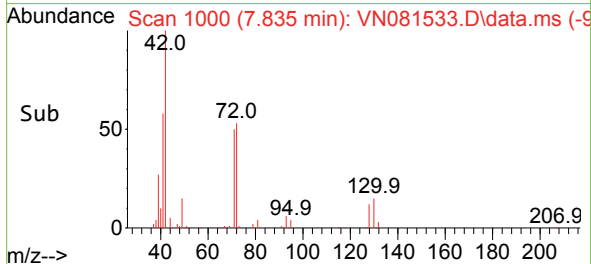
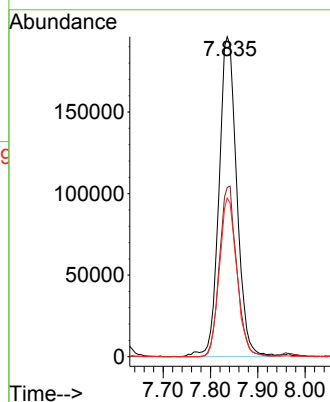
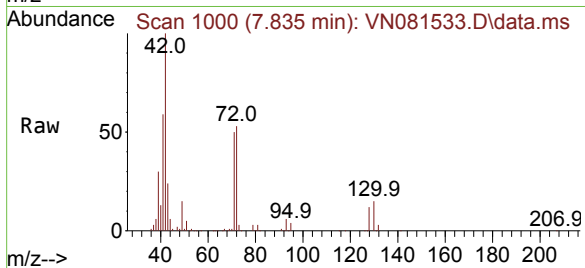
Tgt Ion: 42 Resp: 512242

Ion Ratio Lower Upper

42 100

72 51.9 31.1 46.7#

71 48.6 28.3 42.5#



#30

Chloroform

Concen: 54.943 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081533.D

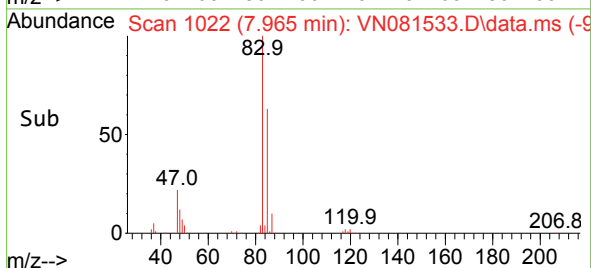
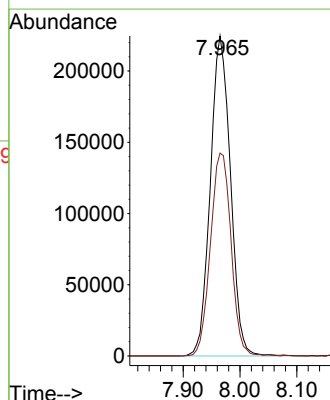
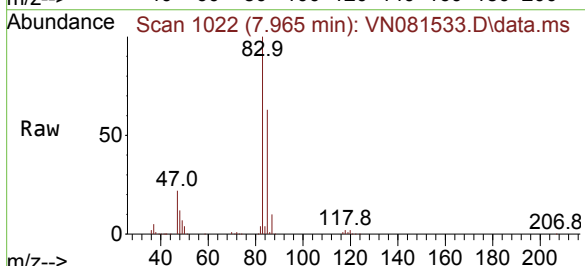
Acq: 21 Mar 2024 20:34

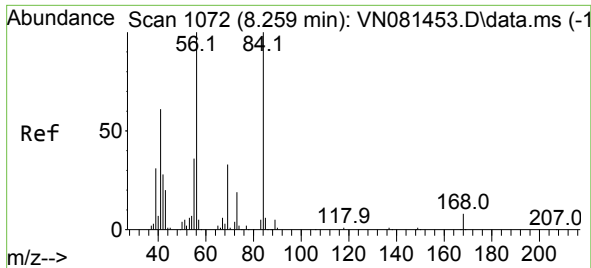
Tgt Ion: 83 Resp: 551821

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

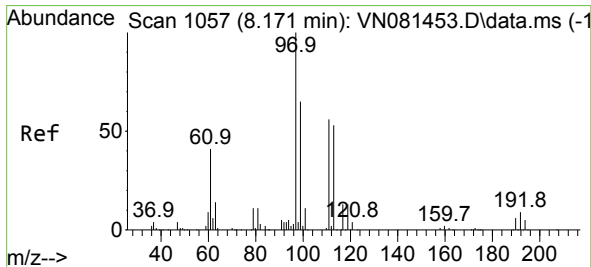
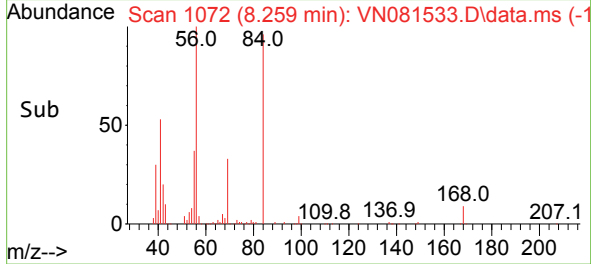
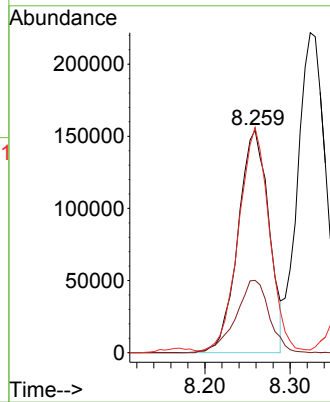
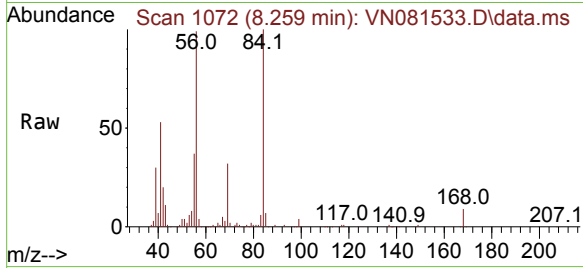




#31
Cyclohexane
Concen: 45.943 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

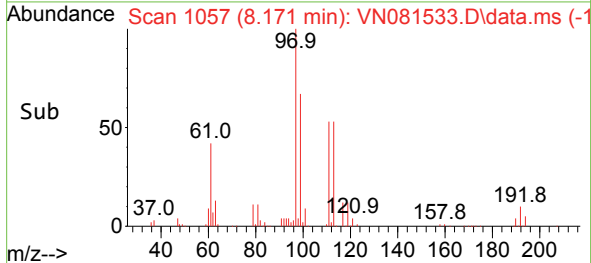
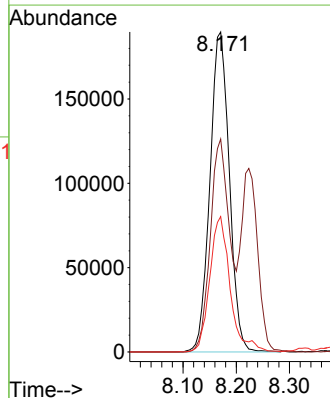
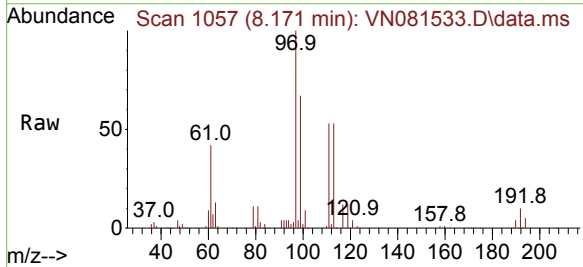
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

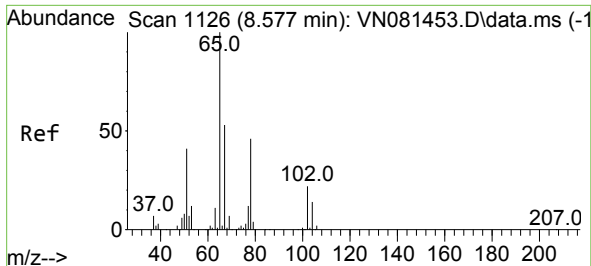
Tgt Ion: 56 Resp: 388660
Ion Ratio Lower Upper
56 100
69 32.5 20.1 30.1#
84 99.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 52.723 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 97 Resp: 480417
Ion Ratio Lower Upper
97 100
99 66.4 53.4 80.0
61 44.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.159 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

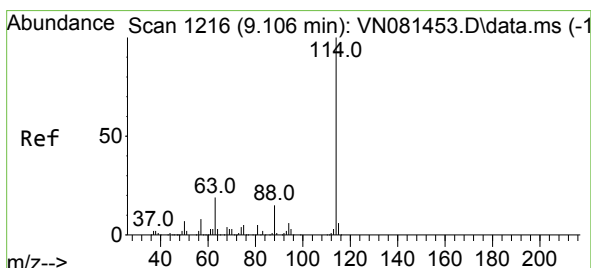
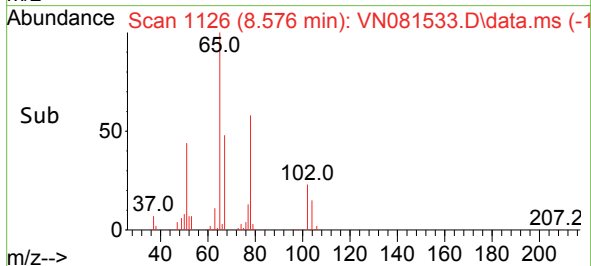
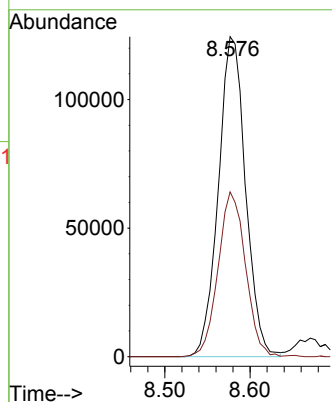
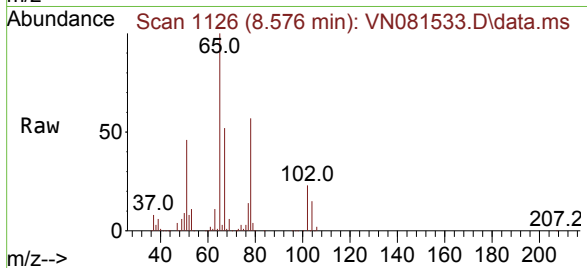
VSTDCCC050EC

Tgt Ion: 65 Resp: 276355

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

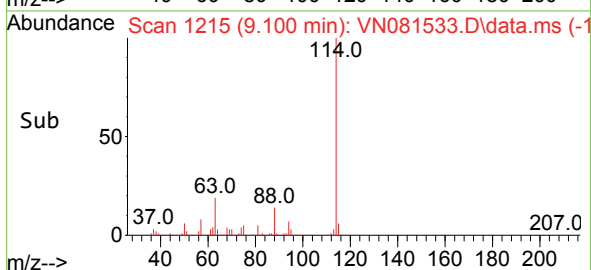
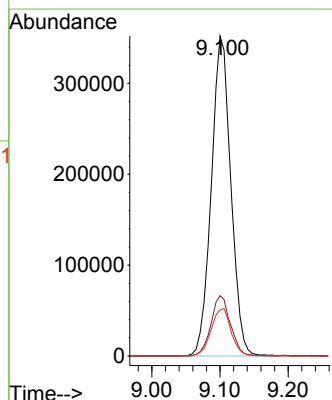
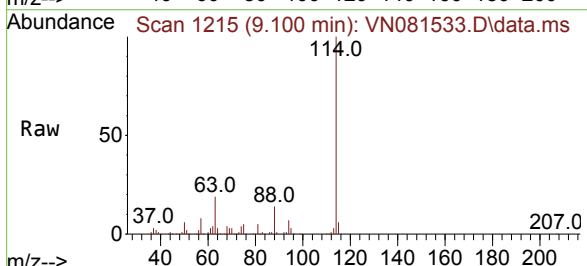
Tgt Ion: 114 Resp: 702462

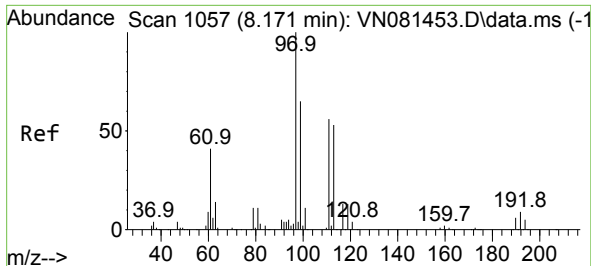
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 14.4 0.0 34.8

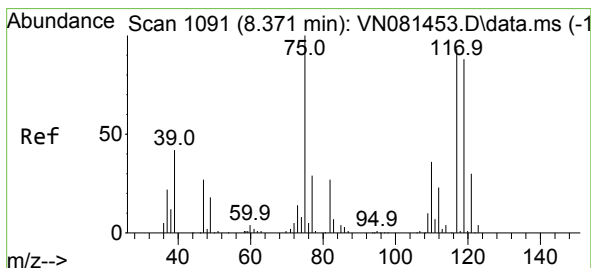
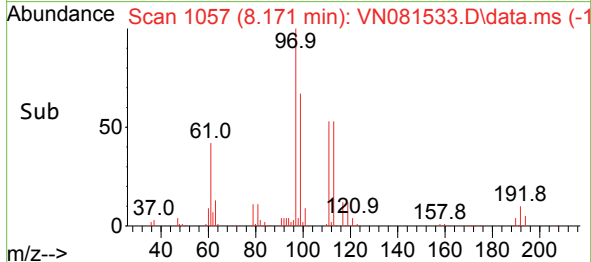
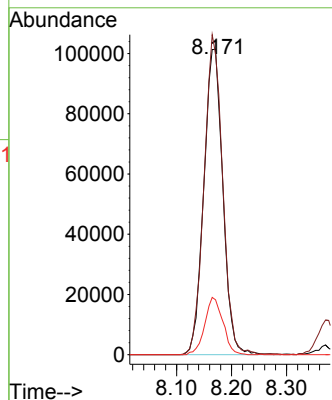
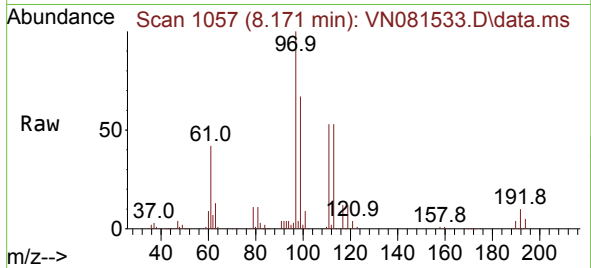




#35
Dibromofluoromethane
Concen: 55.064 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

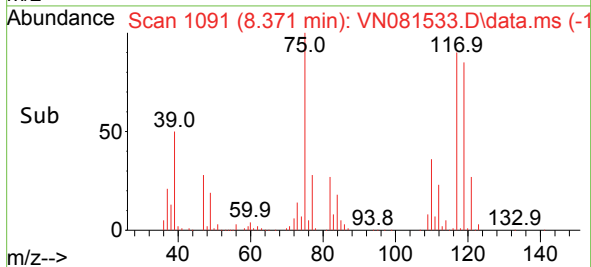
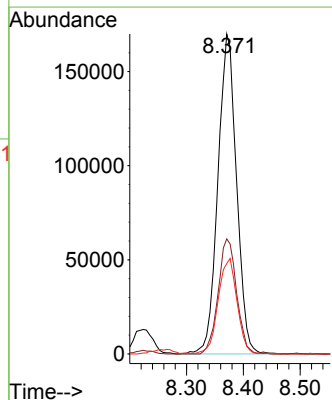
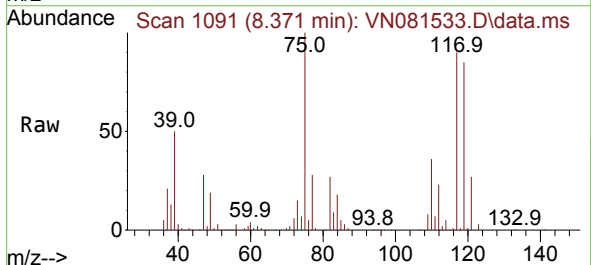
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

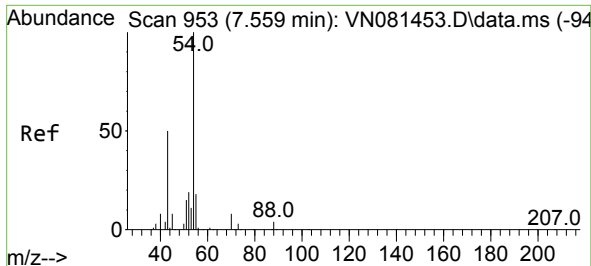
Tgt Ion:113 Resp: 244111
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 51.978 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 75 Resp: 387789
Ion Ratio Lower Upper
75 100
110 35.7 16.0 48.0
77 29.7 25.8 38.6

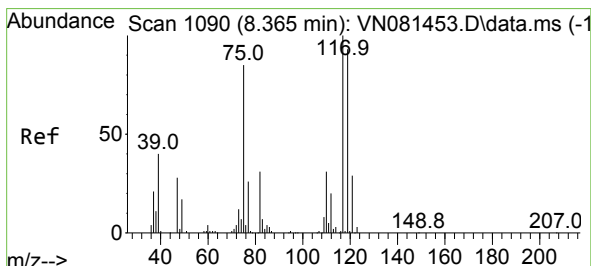
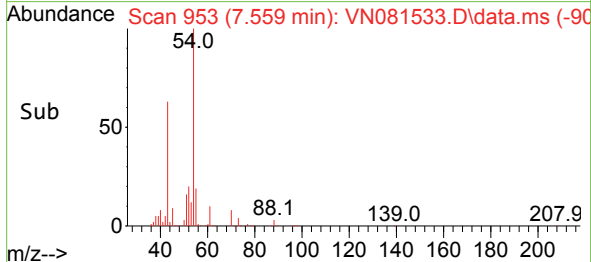
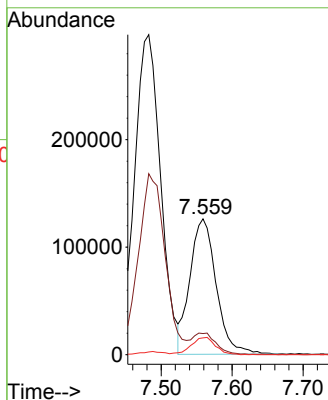
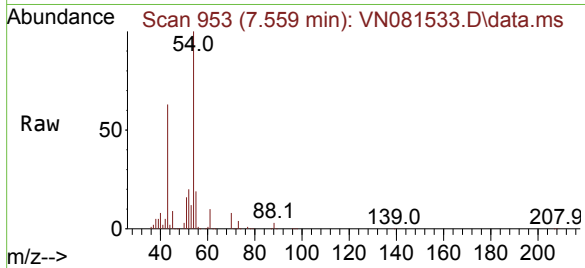




#37
Ethyl Acetate
Concen: 50.795 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

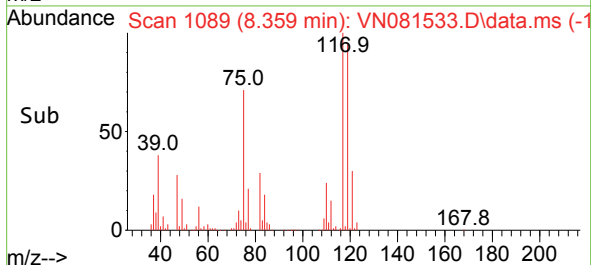
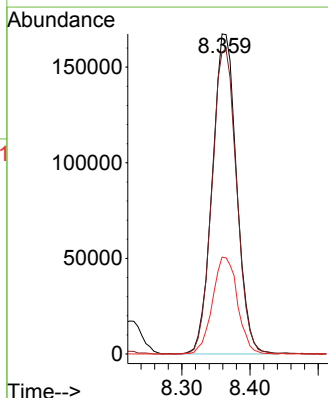
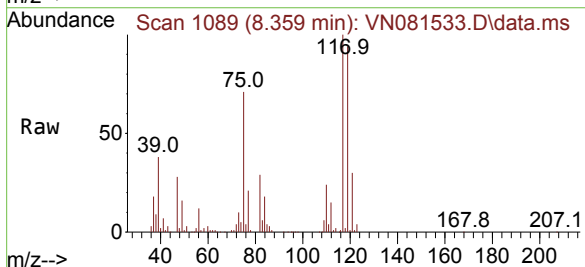
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

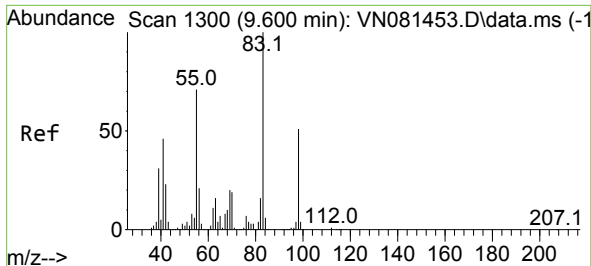
Tgt Ion: 43 Resp: 324509
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 11.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.840 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 117 Resp: 415503
Ion Ratio Lower Upper
117 100
119 94.2 73.4 110.2
121 30.2 24.4 36.6





#39

Methylcyclohexane

Concen: 52.764 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081533.D

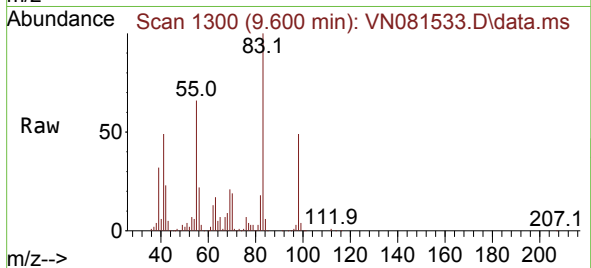
Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



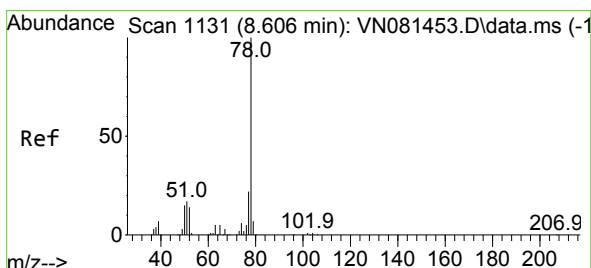
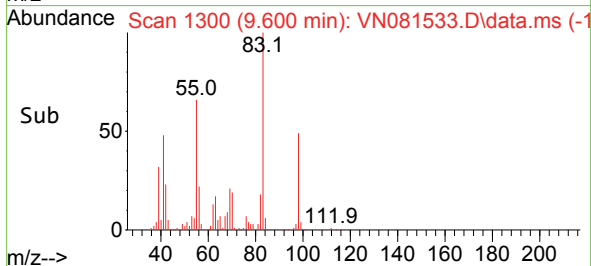
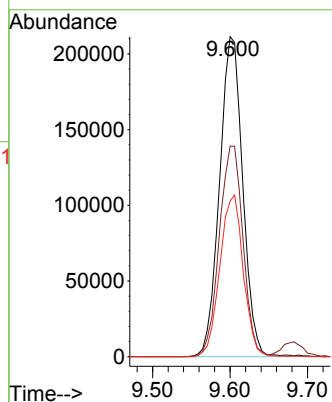
Tgt Ion: 83 Resp: 439605

Ion Ratio Lower Upper

83 100

55 65.8 65.7 98.5

98 48.6 33.8 50.6



#40

Benzene

Concen: 54.378 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081533.D

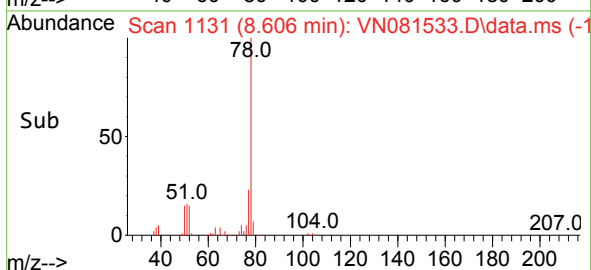
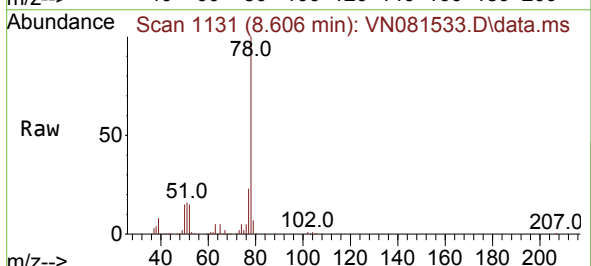
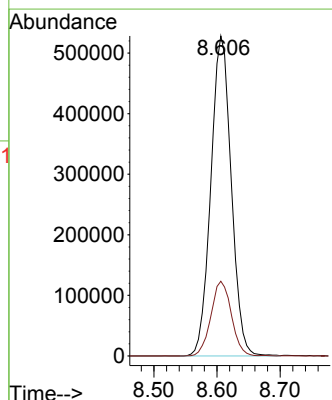
Acq: 21 Mar 2024 20:34

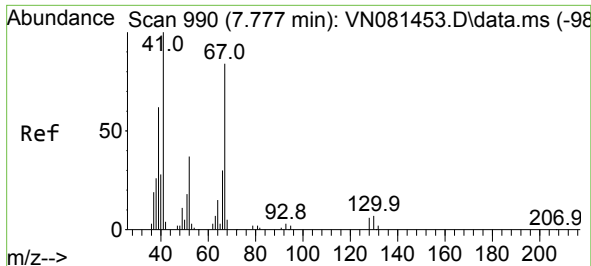
Tgt Ion: 78 Resp: 1186073

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

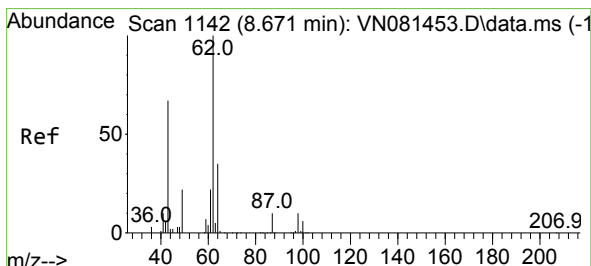
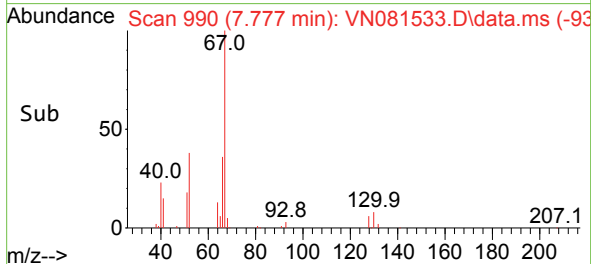
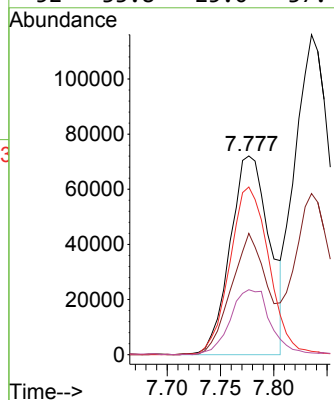
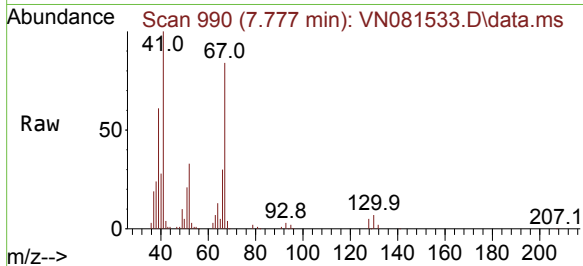




#41
Methacrylonitrile
Concen: 54.968 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

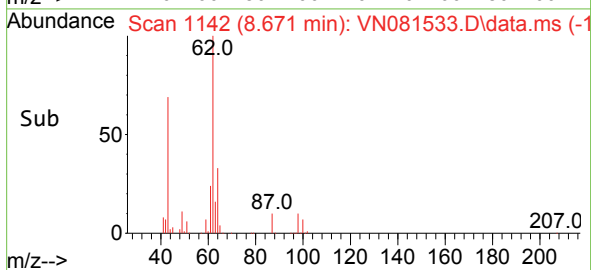
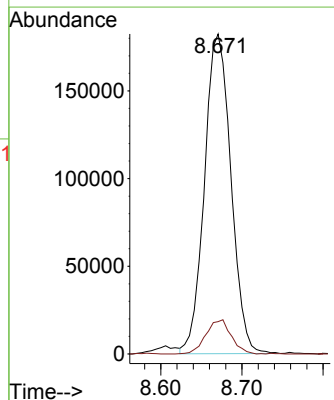
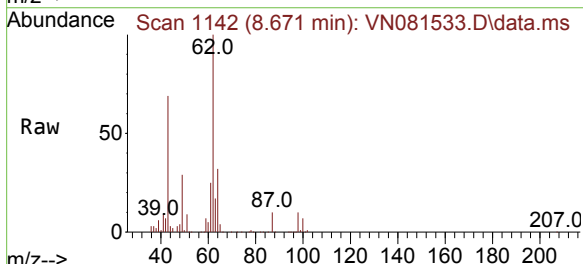
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

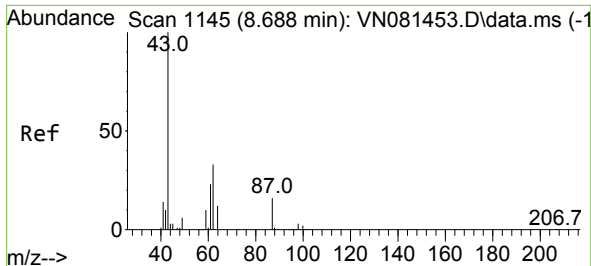
Tgt Ion:	41	Resp:	185711
Ion	Ratio	Lower	Upper
41	100		
39	53.5	48.4	72.6
67	84.4	56.8	85.2
52	33.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 53.756 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:	62	Resp:	412631
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0

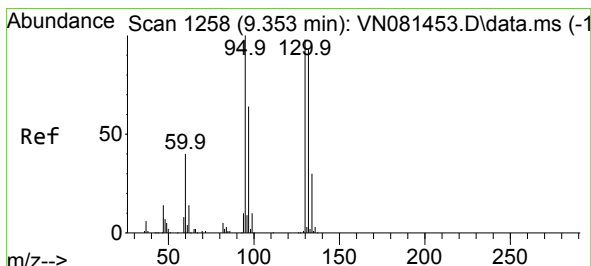
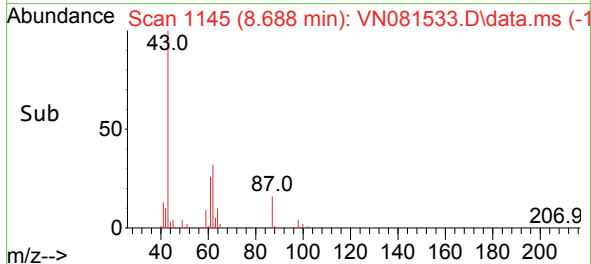
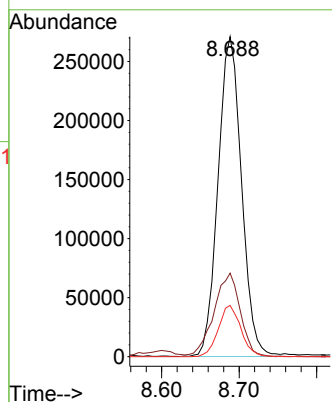
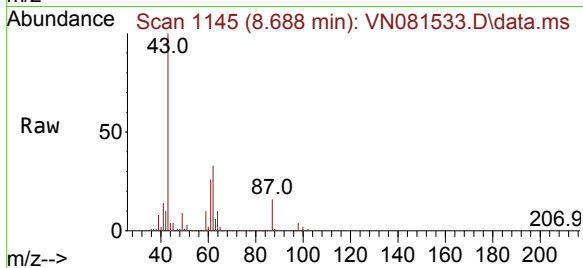




#43
Isopropyl Acetate
Concen: 53.862 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

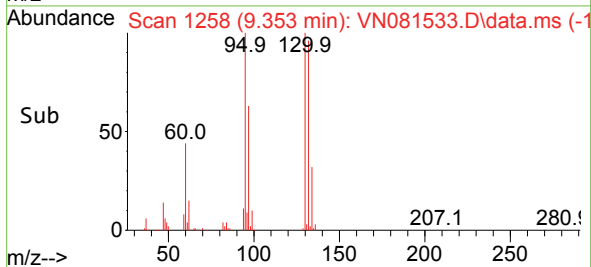
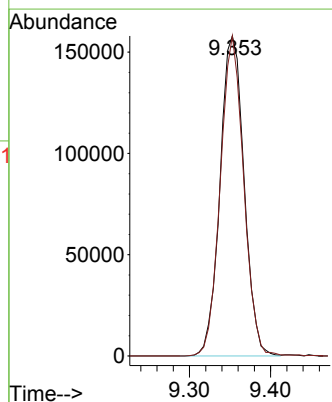
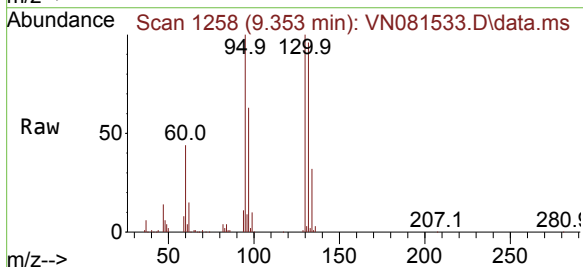
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

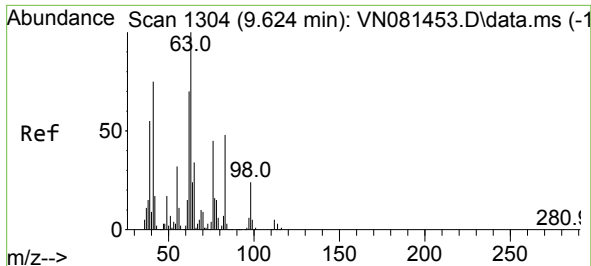
Tgt Ion: 43 Resp: 570382
Ion Ratio Lower Upper
43 100
61 29.4 19.9 29.9
87 15.5 9.0 13.6#



#44
Trichloroethene
Concen: 53.025 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:130 Resp: 325289
Ion Ratio Lower Upper
130 100
95 100.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 55.250 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

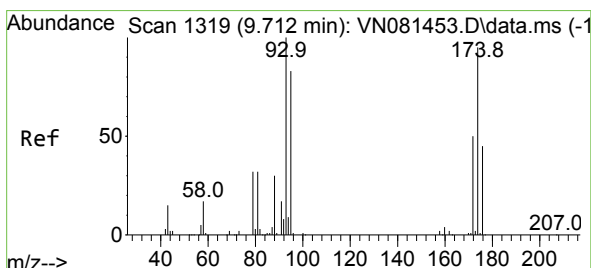
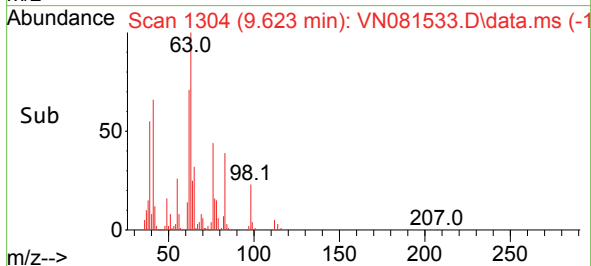
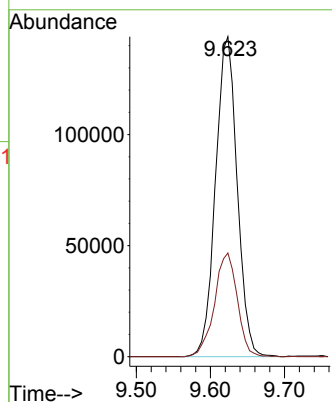
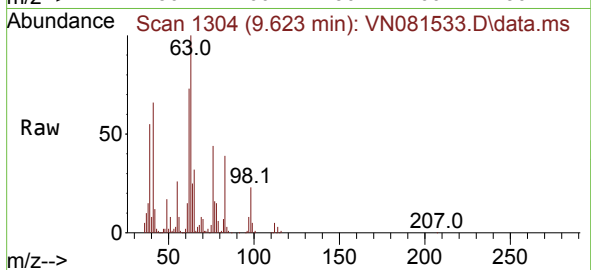
VSTDCCC050EC

Tgt Ion: 63 Resp: 292062

Ion Ratio Lower Upper

63 100

65 32.4 26.1 39.1



#46

Dibromomethane

Concen: 53.096 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

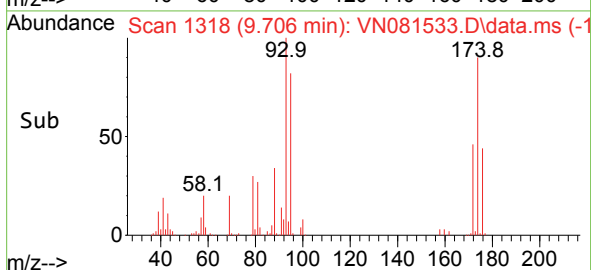
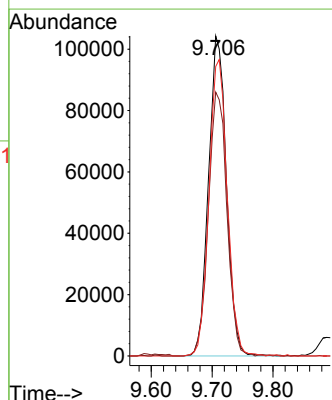
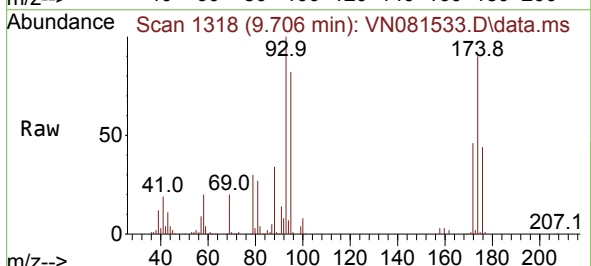
Tgt Ion: 93 Resp: 213148

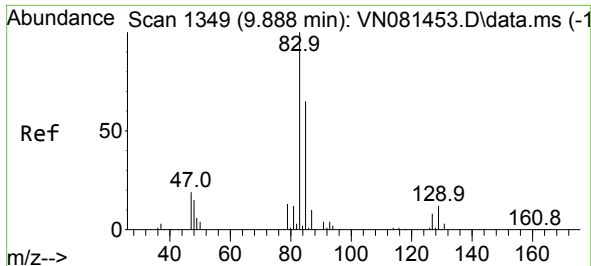
Ion Ratio Lower Upper

93 100

95 85.3 68.1 102.1

174 94.8 57.2 85.8#





#47

Bromodichloromethane

Concen: 55.711 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

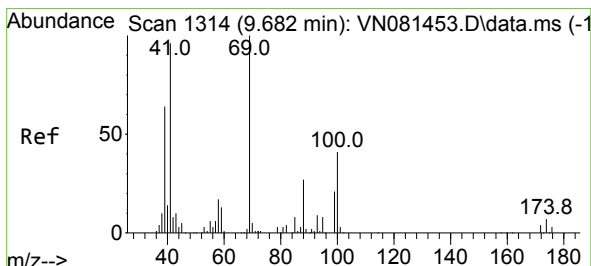
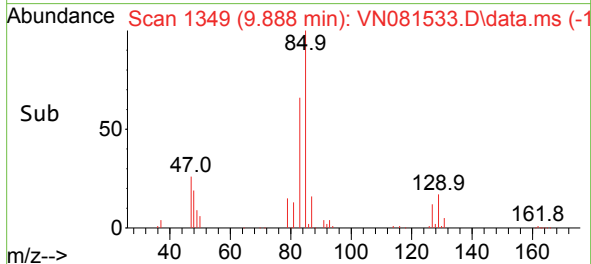
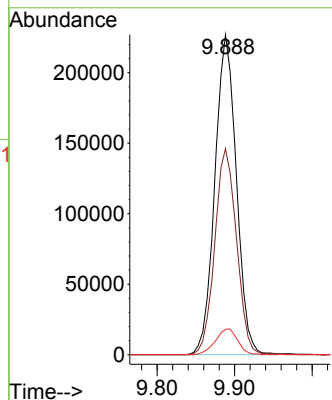
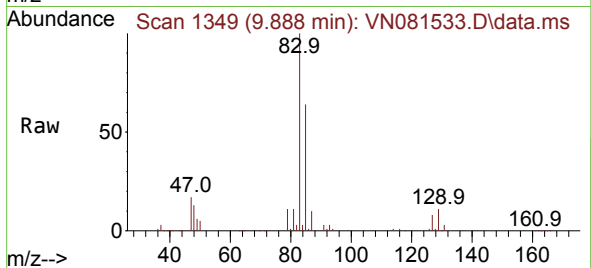
Tgt Ion: 83 Resp: 437268

Ion Ratio Lower Upper

83 100

85 64.3 52.3 78.5

127 7.9 4.6 7.0#



#48

Methyl methacrylate

Concen: 55.675 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

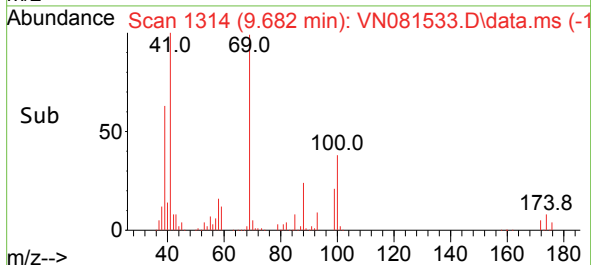
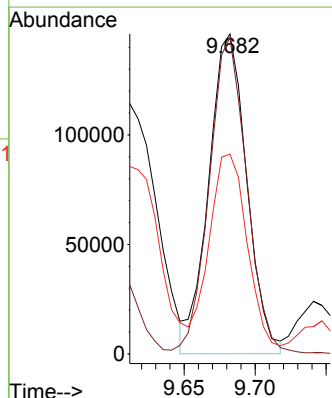
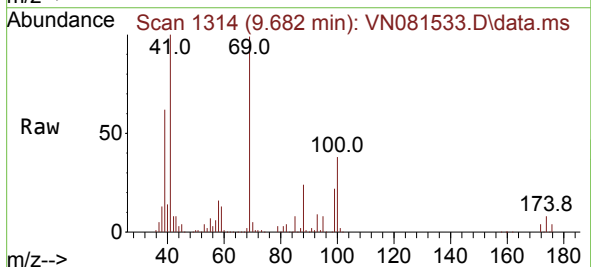
Tgt Ion: 41 Resp: 271940

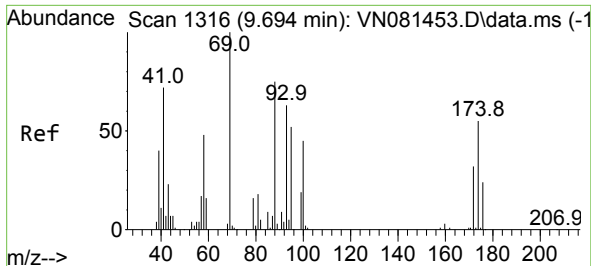
Ion Ratio Lower Upper

41 100

69 97.9 62.2 93.2#

39 63.1 47.6 71.4





#49

1,4-Dioxane

Concen: 955.559 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

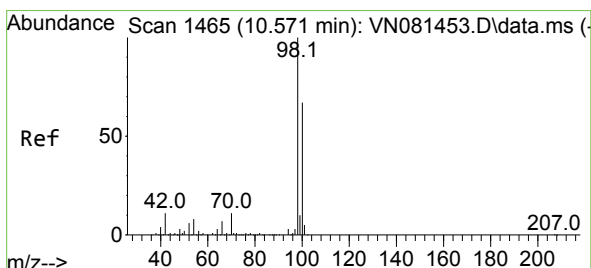
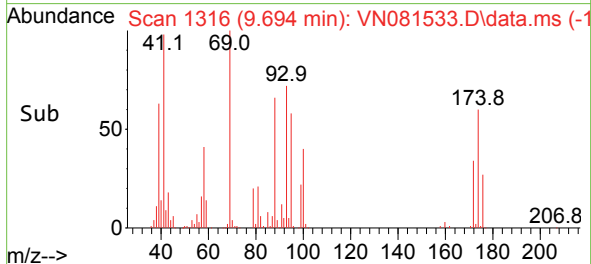
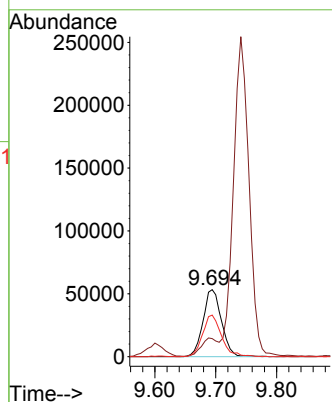
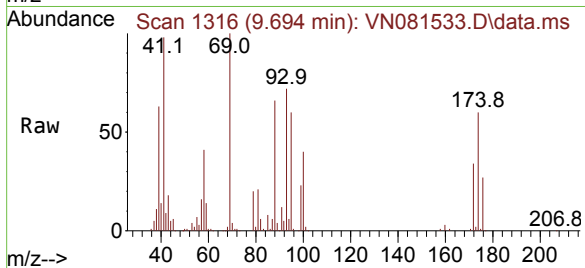
Tgt Ion: 88 Resp: 112163

Ion Ratio Lower Upper

88 100

43 25.2 30.1 45.1#

58 63.5 63.9 95.9#



#50

Toluene-d8

Concen: 53.504 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081533.D

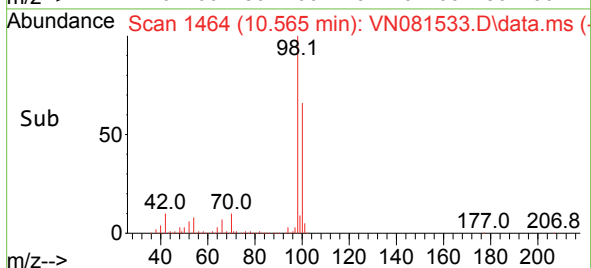
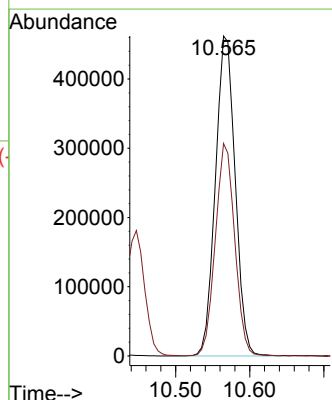
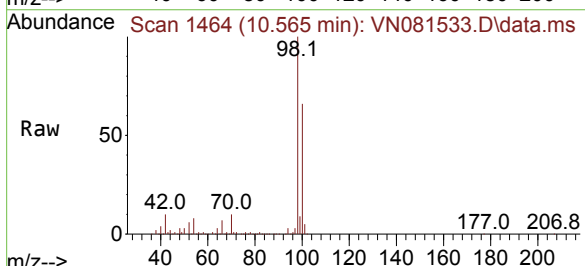
Acq: 21 Mar 2024 20:34

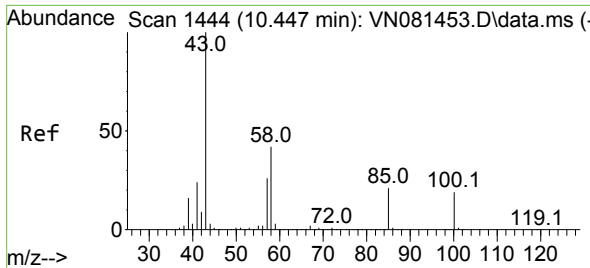
Tgt Ion: 98 Resp: 857433

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

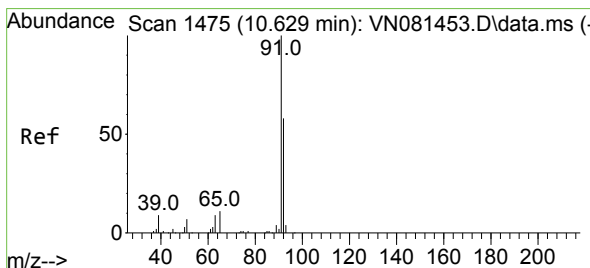
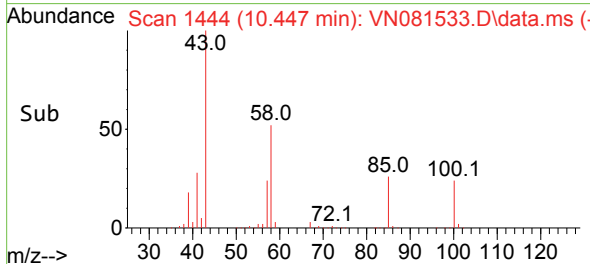
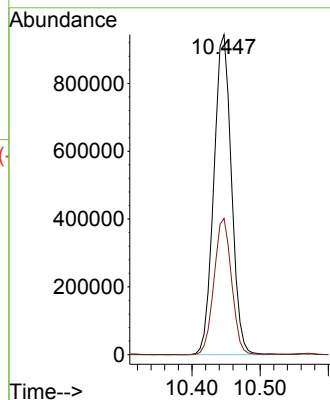
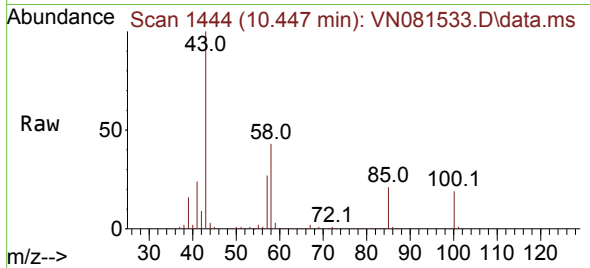




#51
4-Methyl-2-Pentanone
Concen: 263.448 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

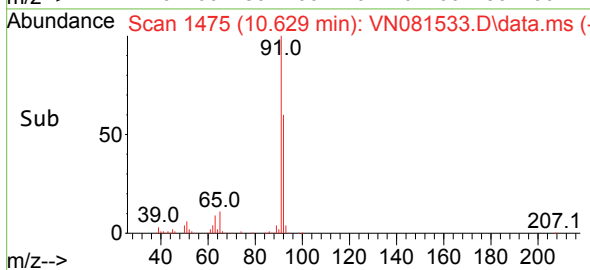
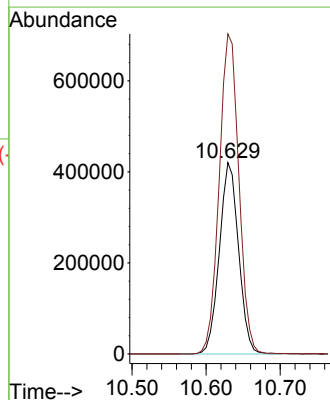
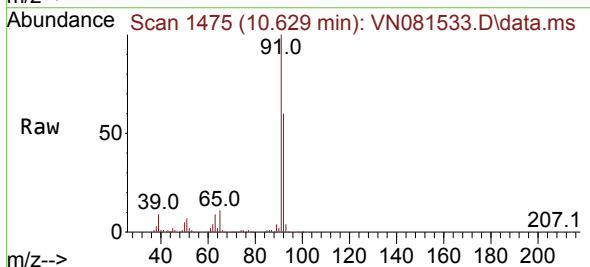
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

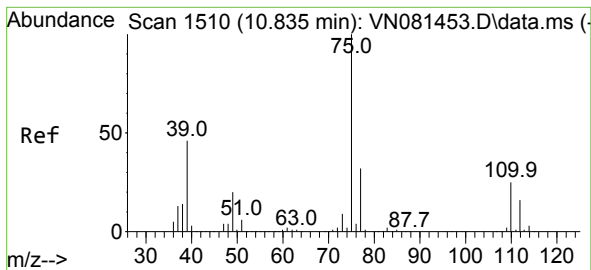
Tgt Ion: 43 Resp: 1702337
Ion Ratio Lower Upper
43 100
58 42.4 29.4 44.0



#52
Toluene
Concen: 54.496 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 92 Resp: 755505
Ion Ratio Lower Upper
92 100
91 171.6 139.4 209.0

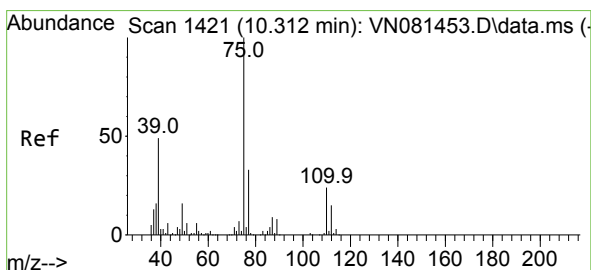
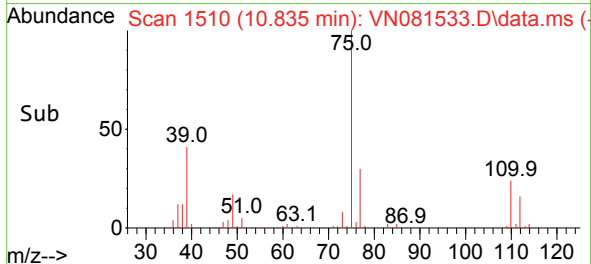
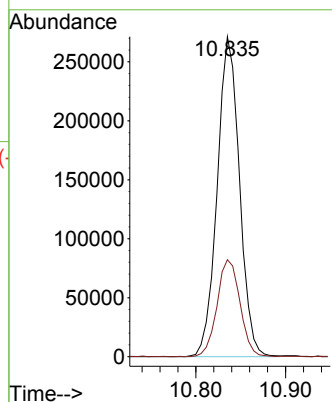
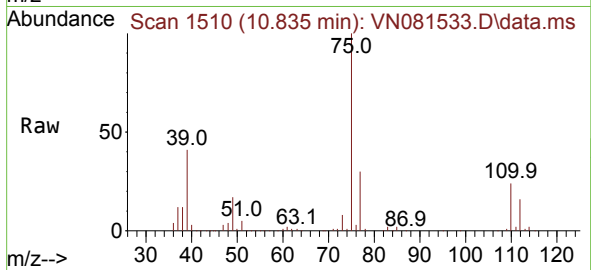




#53
 t-1,3-Dichloropropene
 Concen: 55.125 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

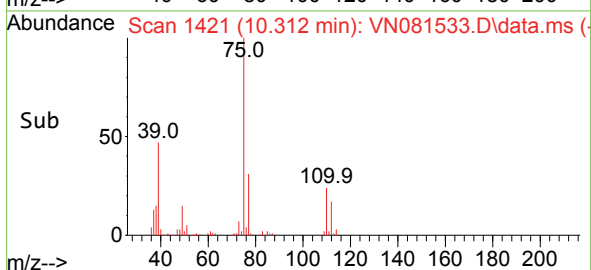
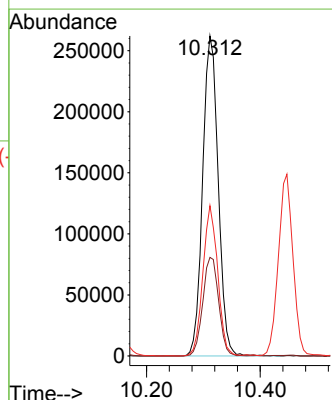
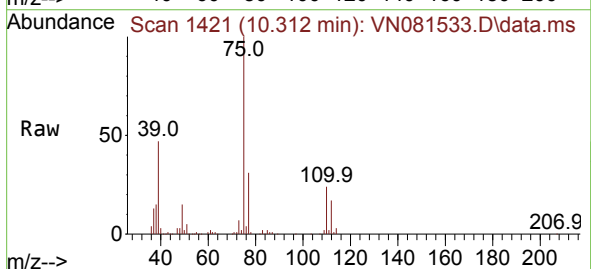
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

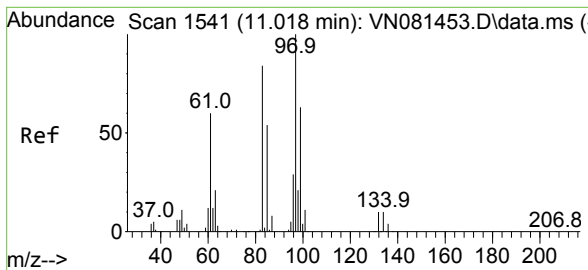
Tgt Ion: 75 Resp: 467201
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.758 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 75 Resp: 497575
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.3 34.9
 39 46.9 44.6 66.8

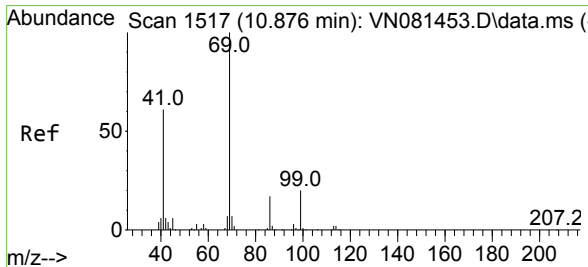
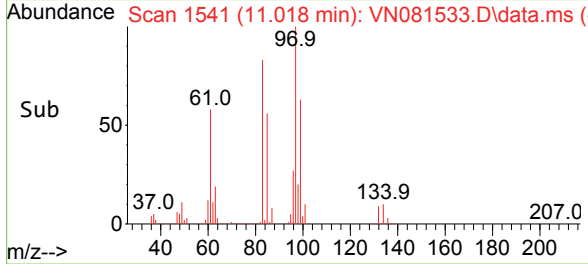
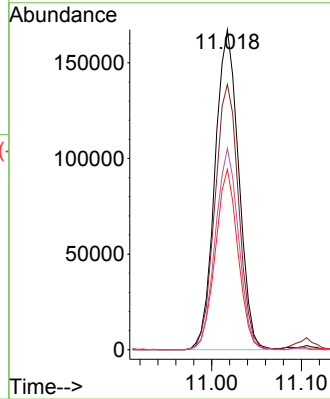
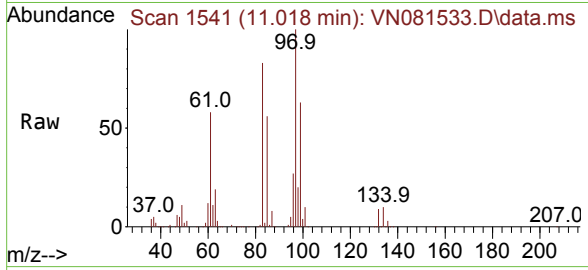




#55
1,1,2-Trichloroethane
Concen: 55.096 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

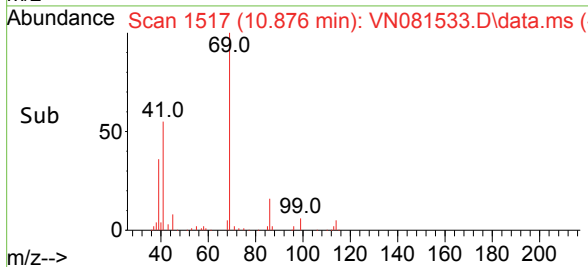
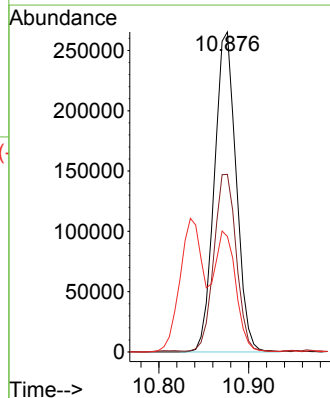
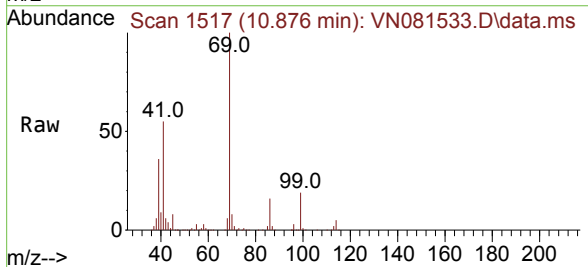
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

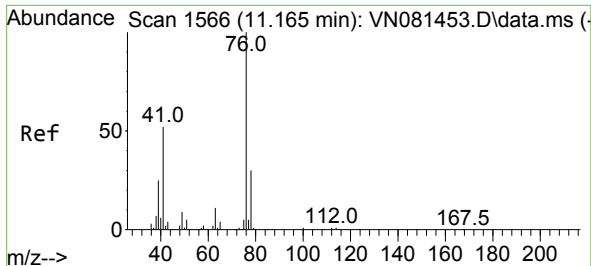
Tgt Ion:	97	Resp:	307389
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.9	109.3
85	56.3	50.2	75.2
99	62.9	49.6	74.4



#56
Ethyl methacrylate
Concen: 53.432 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:	69	Resp:	447197
Ion	Ratio	Lower	Upper
69	100		
41	56.9	61.0	91.6#
39	37.7	31.8	47.6





#57

1,3-Dichloropropane

Concen: 56.160 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

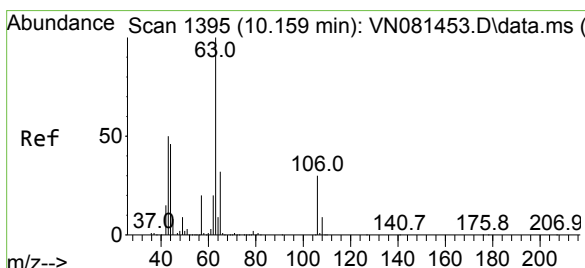
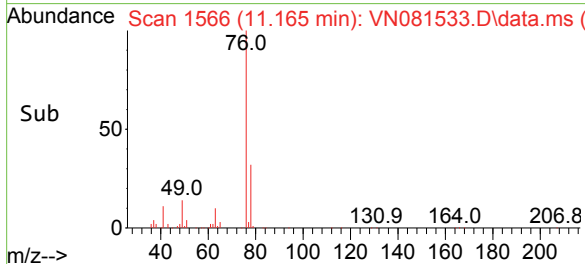
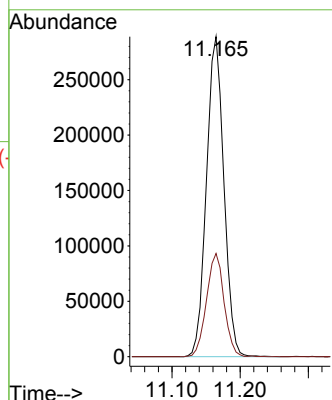
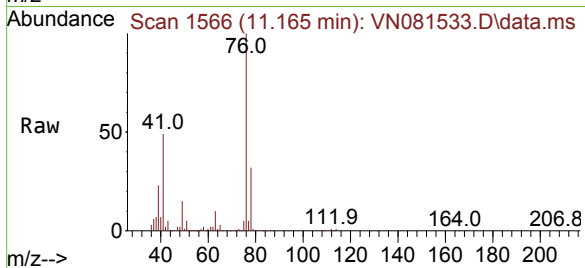
VSTDCCC050EC

Tgt Ion: 76 Resp: 513646

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 292.886 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081533.D

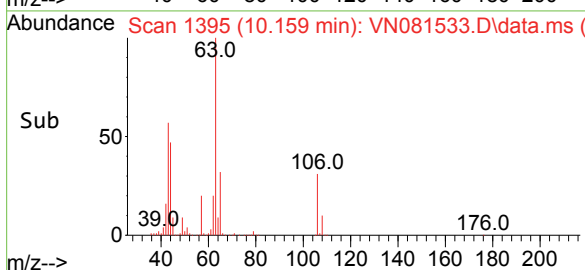
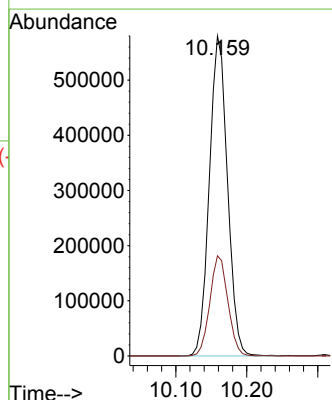
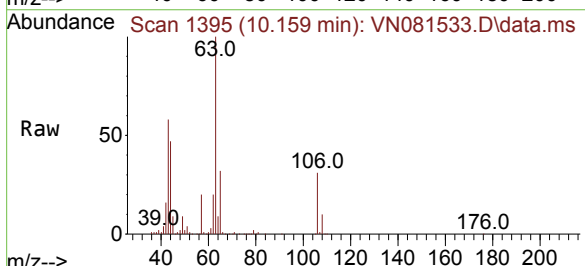
Acq: 21 Mar 2024 20:34

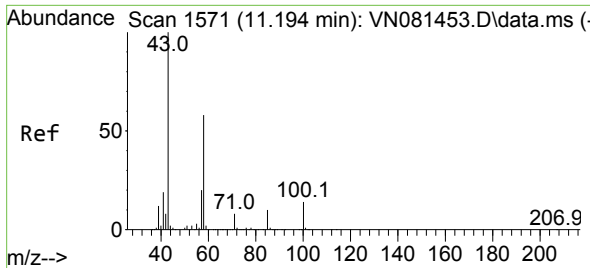
Tgt Ion: 63 Resp: 1028199

Ion Ratio Lower Upper

63 100

106 31.1 18.6 28.0#

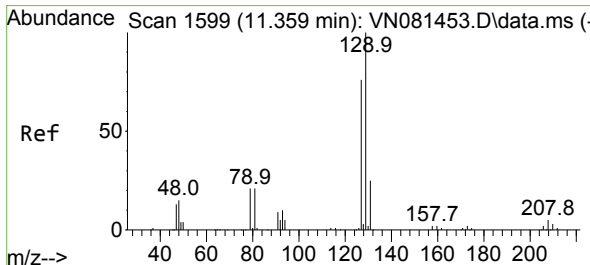
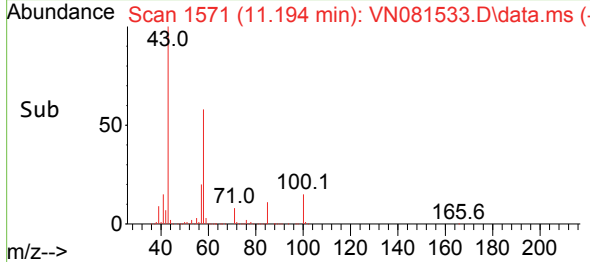
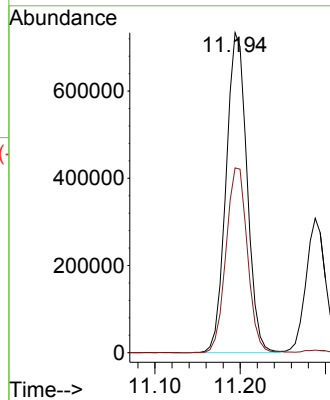
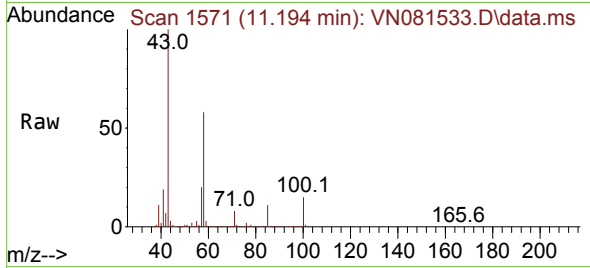




#59
2-Hexanone
Concen: 261.254 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

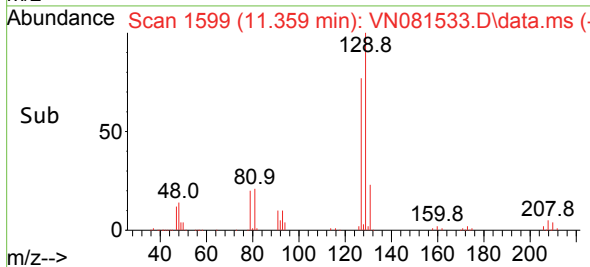
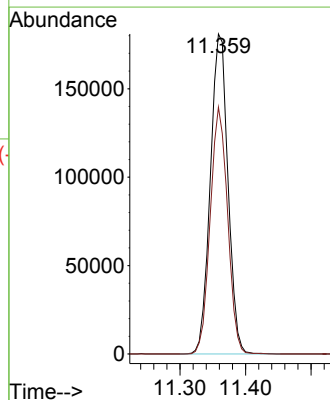
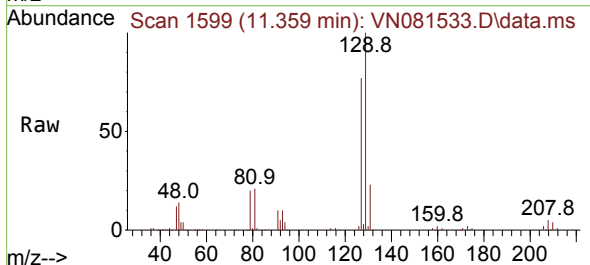
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

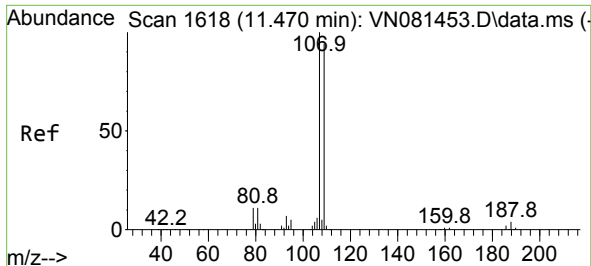
Tgt Ion: 43 Resp: 1248127
Ion Ratio Lower Upper
43 100
58 59.3 25.9 77.8



#60
Dibromochloromethane
Concen: 55.069 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 129 Resp: 337895
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.2

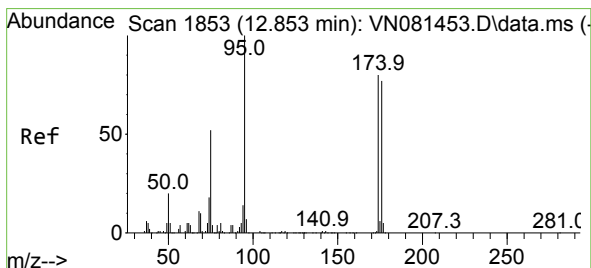
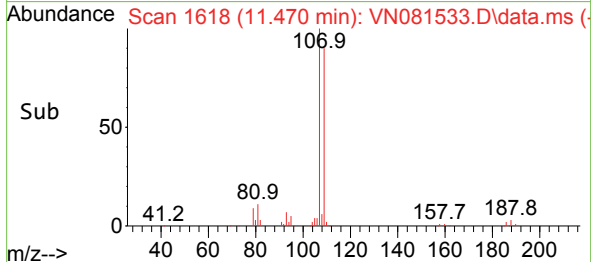
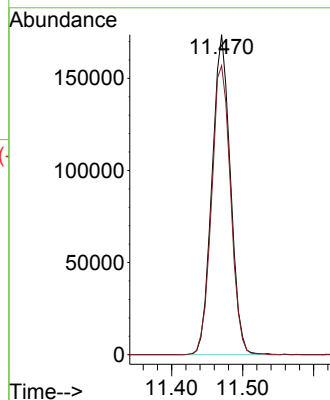
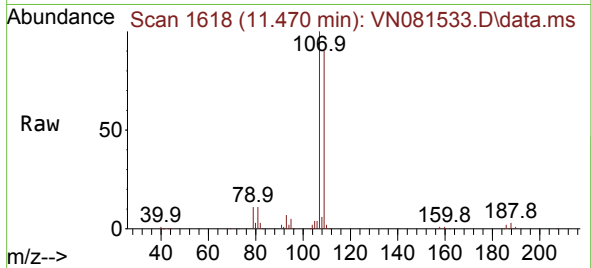




#61
1,2-Dibromoethane
Concen: 54.995 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

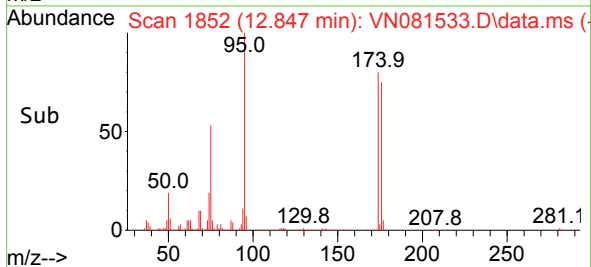
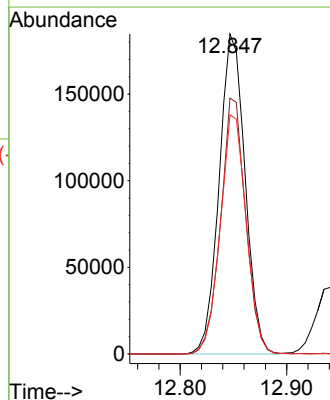
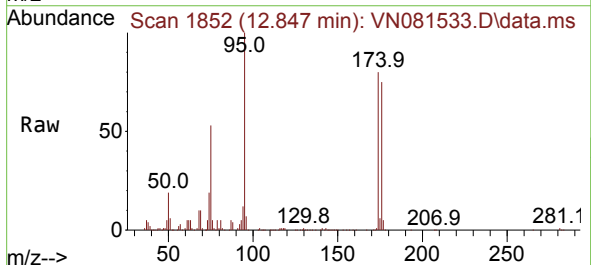
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

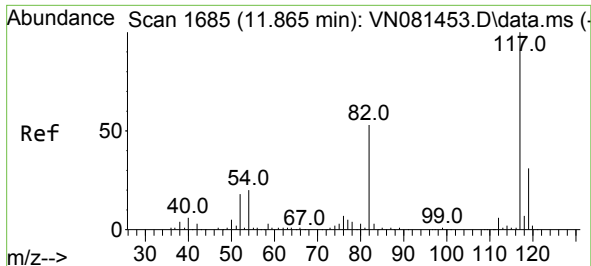
Tgt Ion:107 Resp: 312818
Ion Ratio Lower Upper
107 100
109 93.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion: 95 Resp: 311860
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 74.9 0.0 121.0

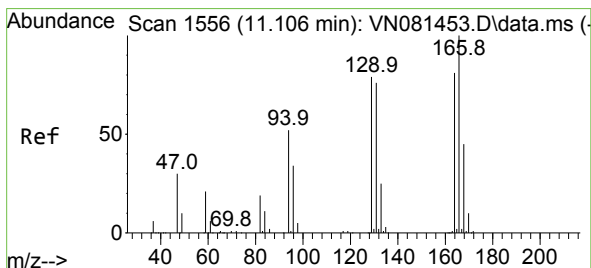
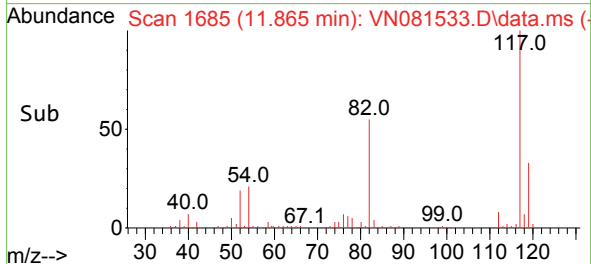
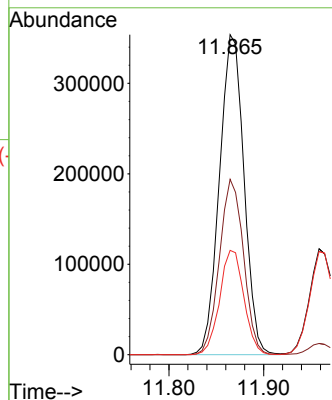
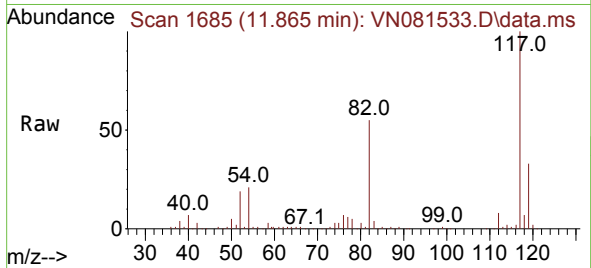




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

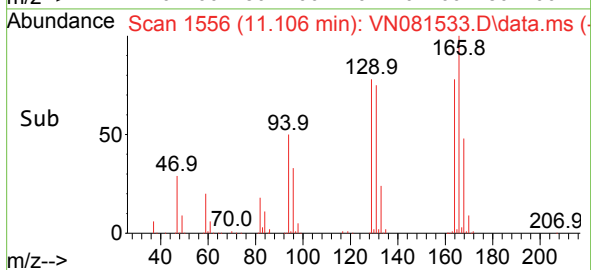
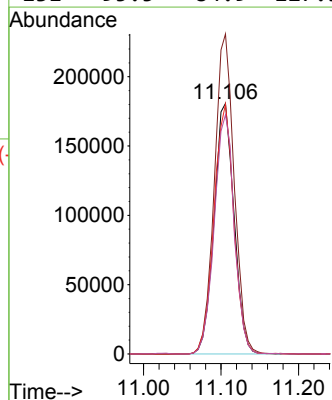
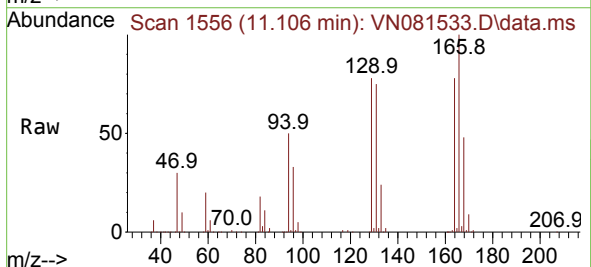
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

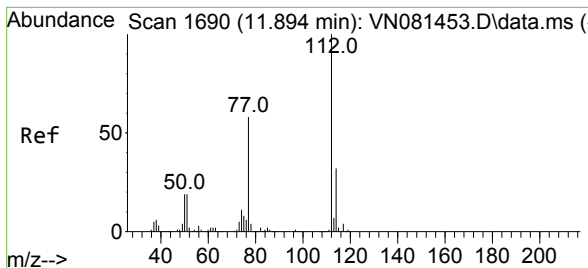
Tgt Ion:117 Resp: 637502
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 52.942 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:164 Resp: 322612
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.6
129 99.8 89.6 134.4
131 95.5 84.9 127.3

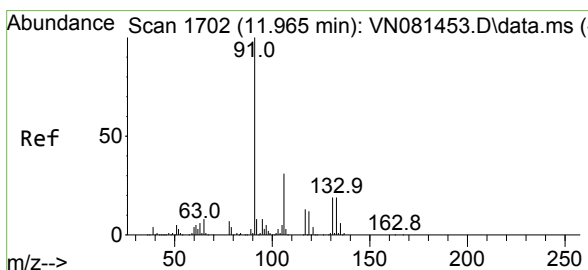
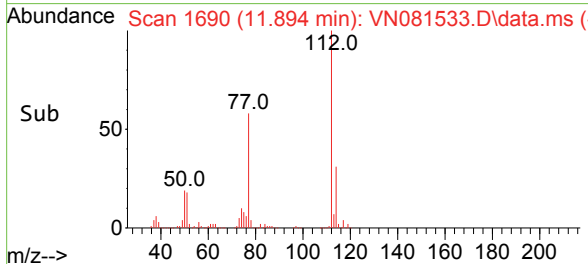
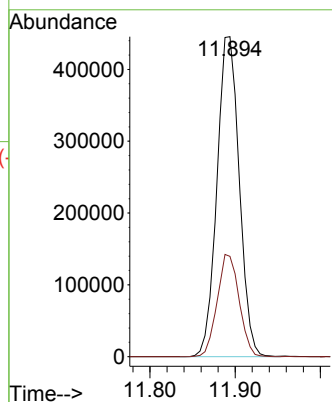
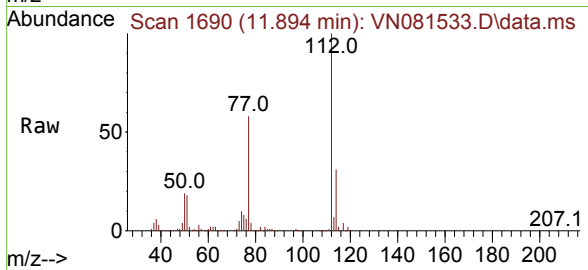




#65
Chlorobenzene
Concen: 53.887 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

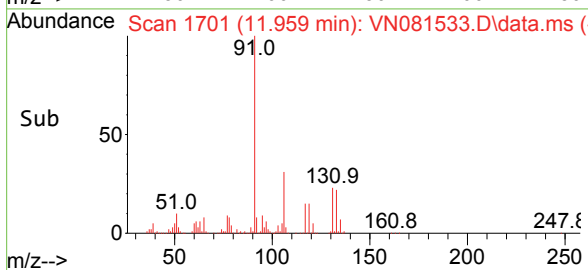
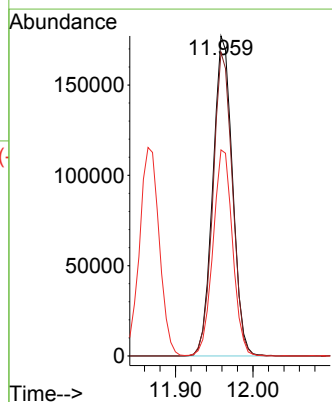
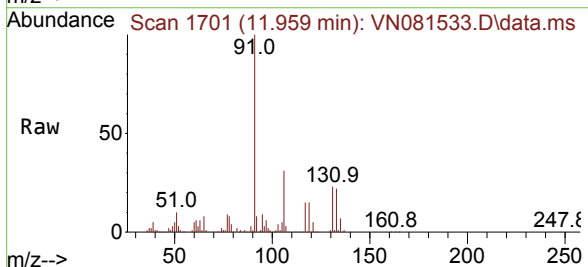
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

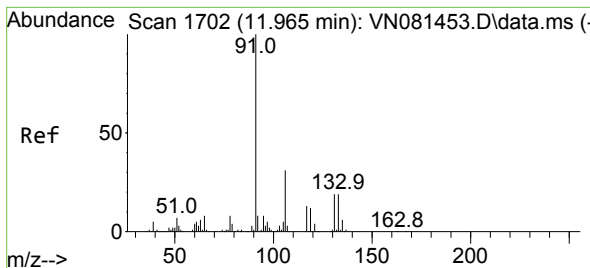
Tgt Ion:112 Resp: 812106
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.873 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:131 Resp: 312080
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 64.4 34.6 103.9





#67

Ethyl Benzene

Concen: 55.561 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

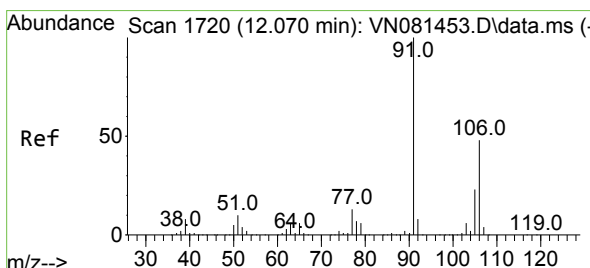
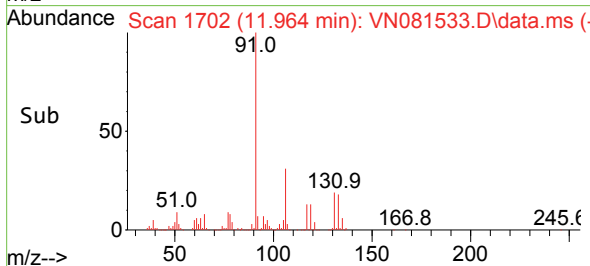
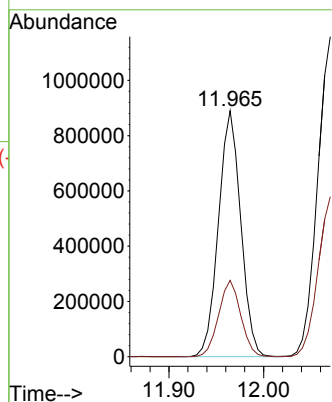
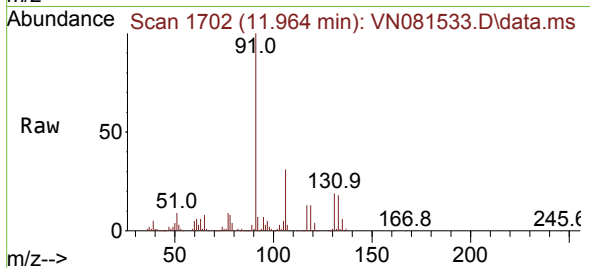
VSTDCCC050EC

Tgt Ion: 91 Resp: 1454497

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



#68

m/p-Xylenes

Concen: 113.560 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081533.D

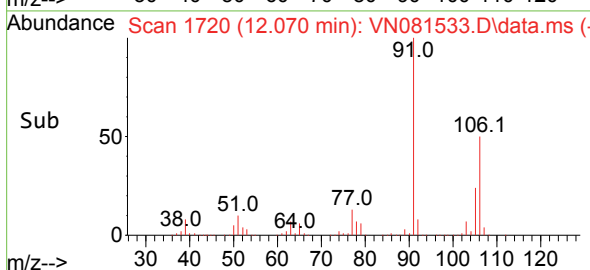
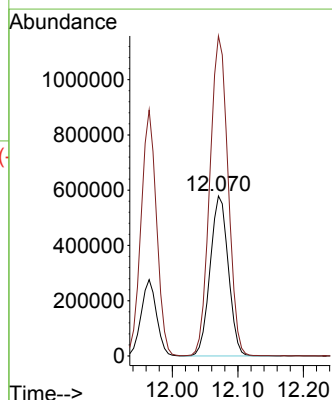
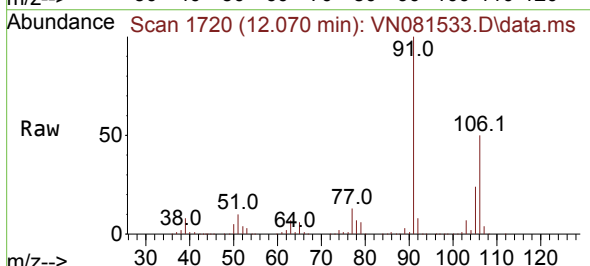
Acq: 21 Mar 2024 20:34

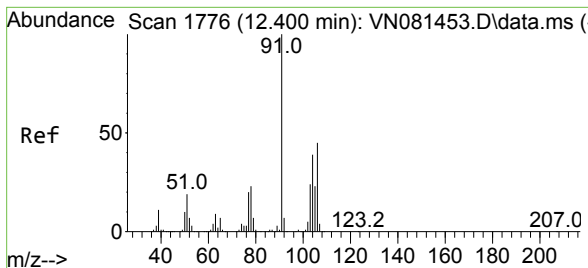
Tgt Ion:106 Resp: 1114477

Ion Ratio Lower Upper

106 100

91 200.5 169.0 253.6

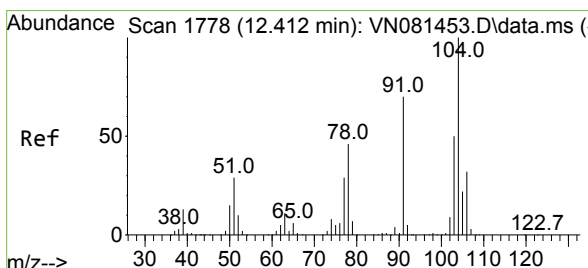
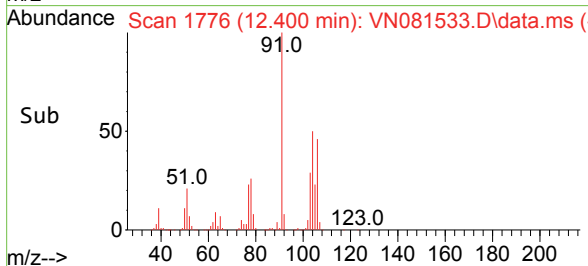
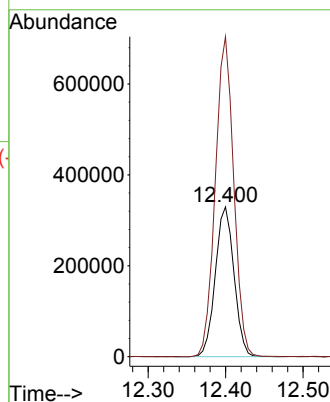
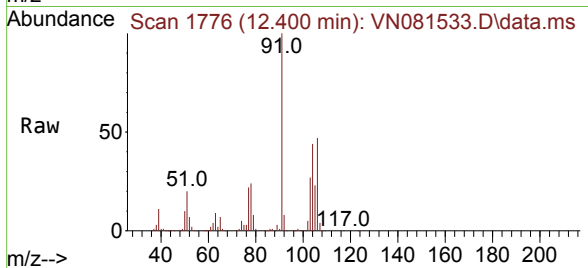




#69
o-Xylene
Concen: 57.252 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

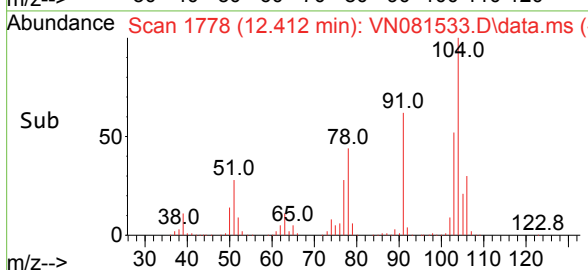
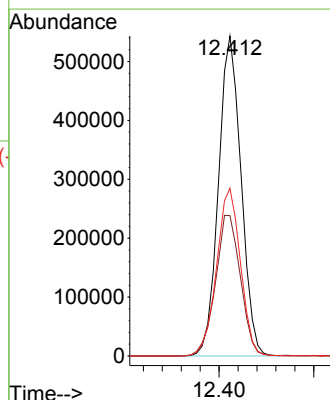
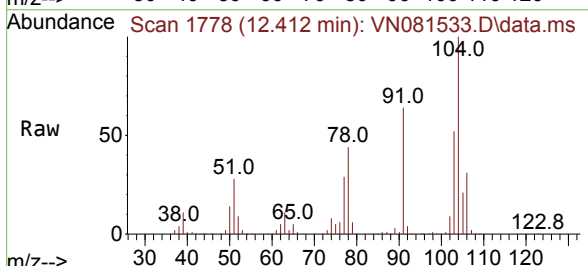
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

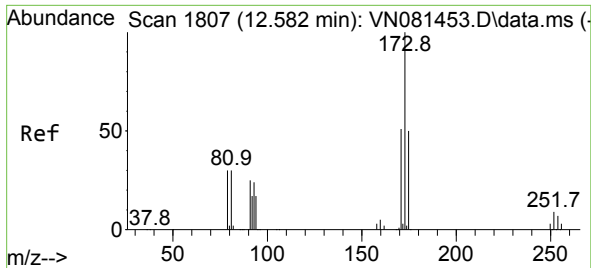
Tgt Ion:106 Resp: 551602
Ion Ratio Lower Upper
106 100
91 211.0 112.1 336.3



#70
Styrene
Concen: 58.012 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:104 Resp: 901432
Ion Ratio Lower Upper
104 100
78 48.5 43.8 65.8
103 55.2 44.2 66.2

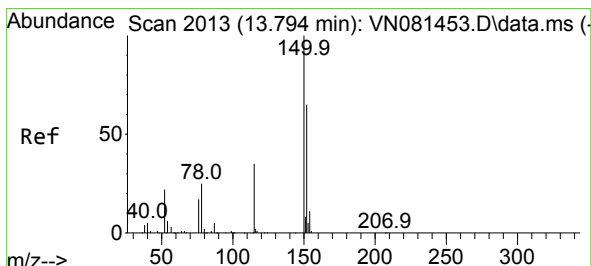
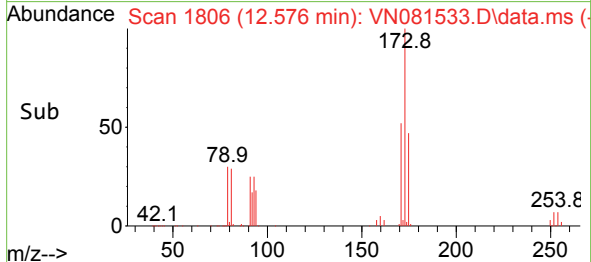
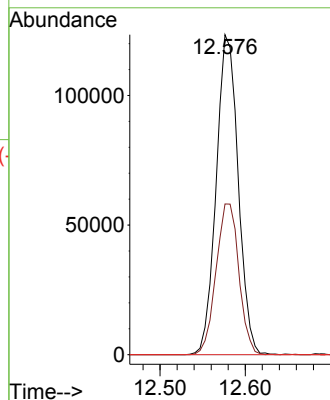
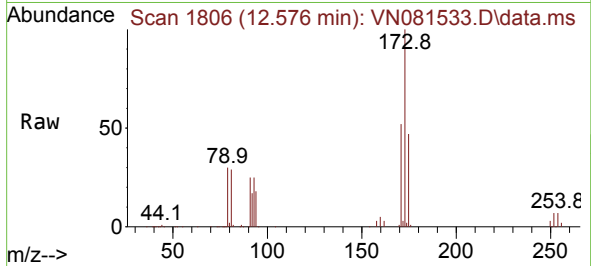




#71
Bromoform
Concen: 52.727 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

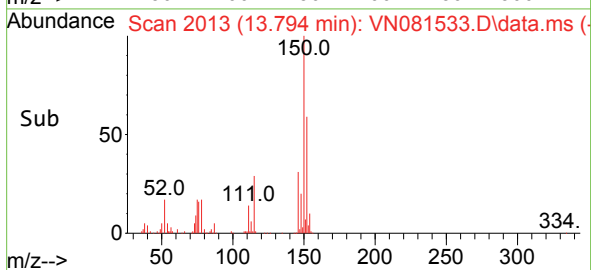
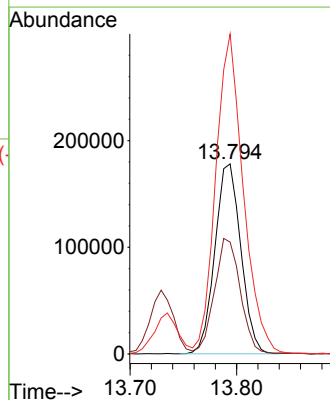
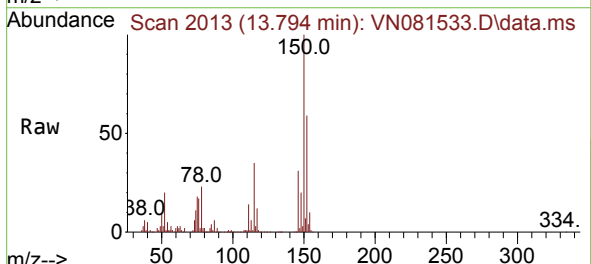
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

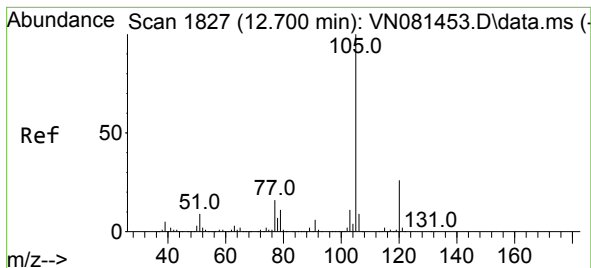
Tgt Ion:173 Resp: 221311
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:152 Resp: 301015
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 179.4 0.0 339.8





#73

Isopropylbenzene

Concen: 54.750 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

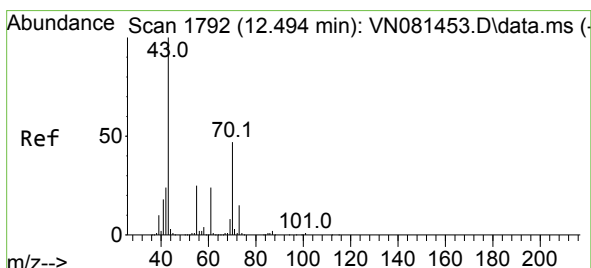
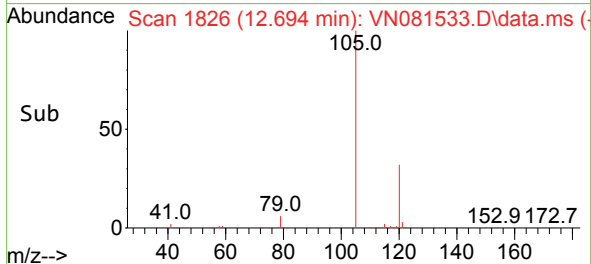
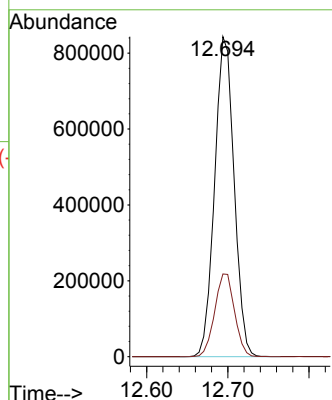
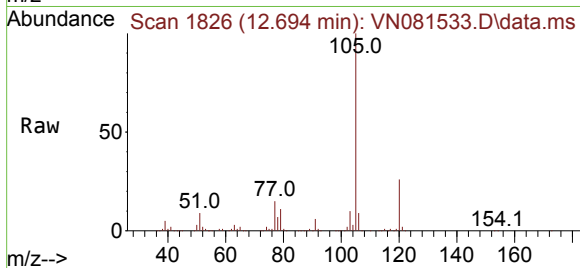
VSTDCCC050EC

Tgt Ion:105 Resp: 1404832

Ion Ratio Lower Upper

105 100

120 26.4 12.6 37.6



#74

N-ethyl acetate

Concen: 54.494 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Tgt Ion: 43 Resp: 506006

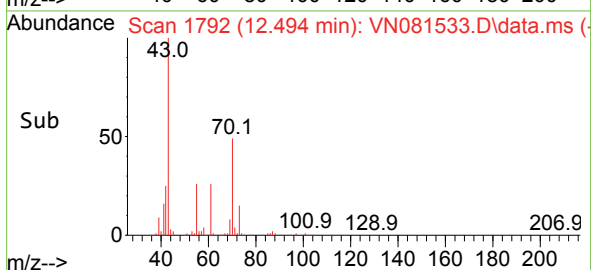
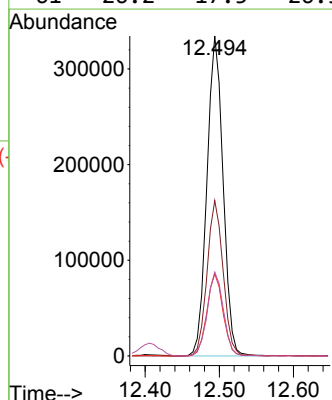
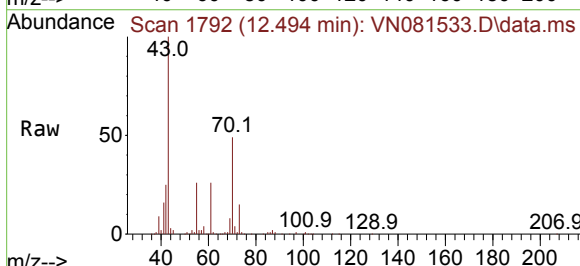
Ion Ratio Lower Upper

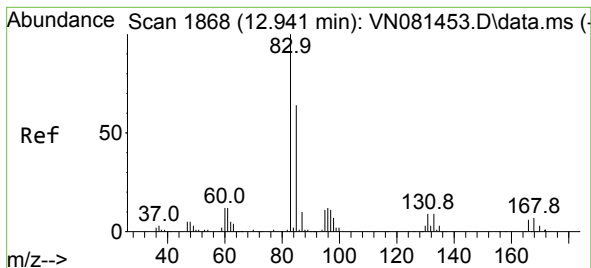
43 100

70 48.3 30.1 45.1#

55 25.8 17.0 25.4#

61 26.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.040 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

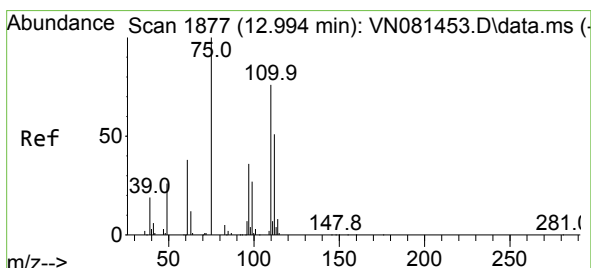
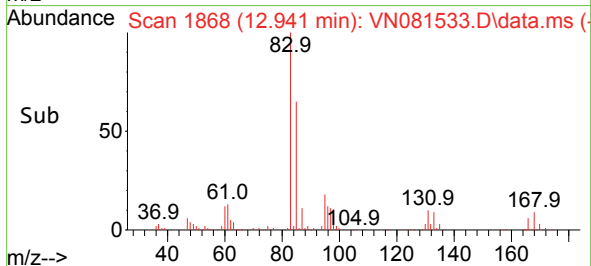
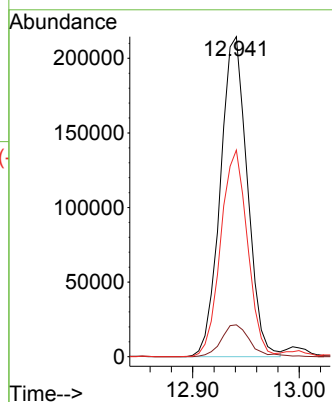
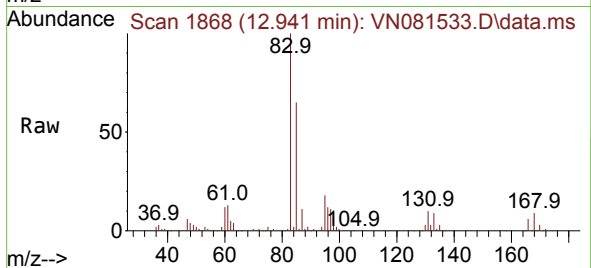
Tgt Ion: 83 Resp: 377508

Ion Ratio Lower Upper

83 100

131 10.6 4.1 12.3

85 64.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 74.696 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081533.D

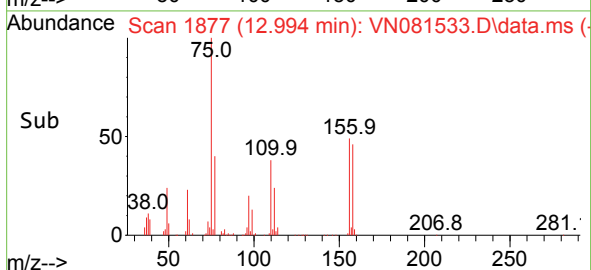
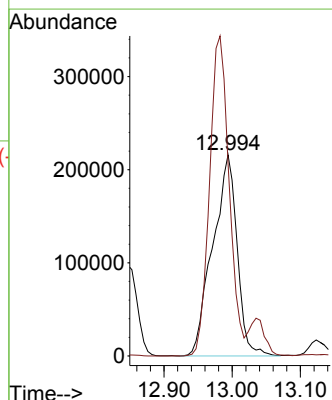
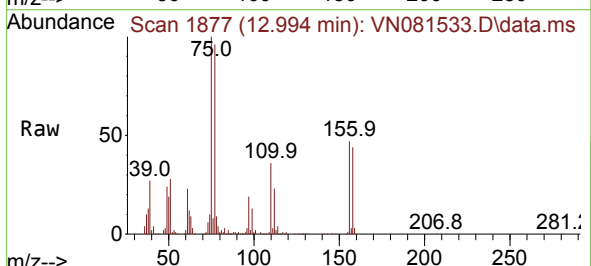
Acq: 21 Mar 2024 20:34

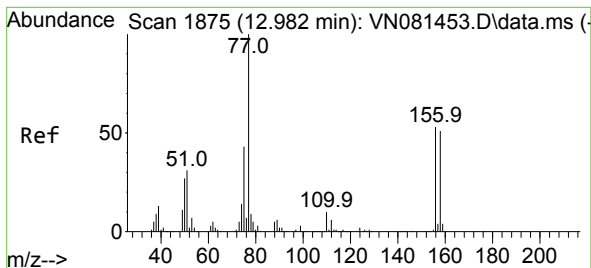
Tgt Ion: 75 Resp: 537839

Ion Ratio Lower Upper

75 100

77 127.6 91.0 272.8





#77

Bromobenzene

Concen: 52.474 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

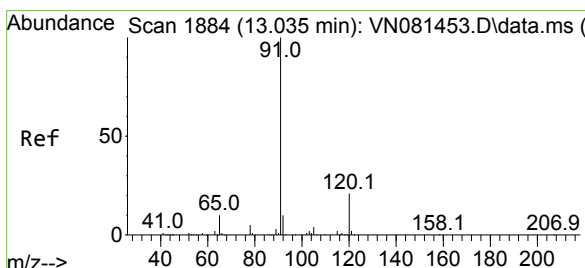
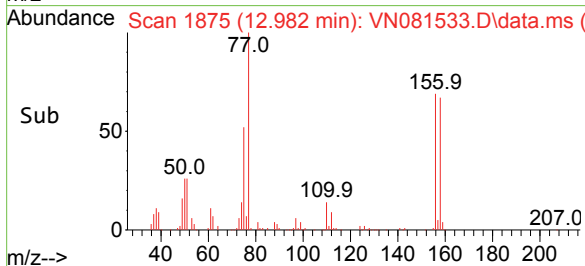
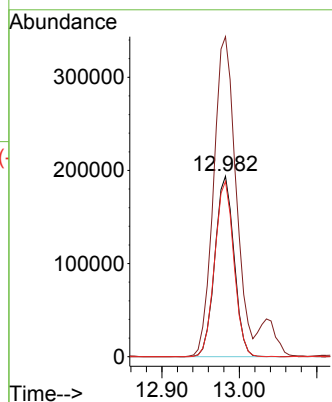
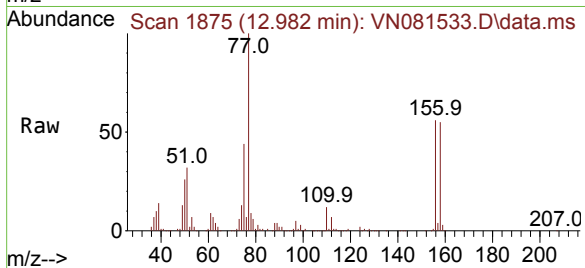
Tgt Ion:156 Resp: 332604

Ion Ratio Lower Upper

156 100

77 206.4 138.1 414.3

158 97.3 46.5 139.5



#78

n-propylbenzene

Concen: 54.014 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081533.D

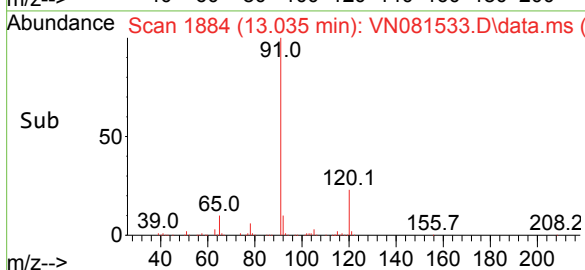
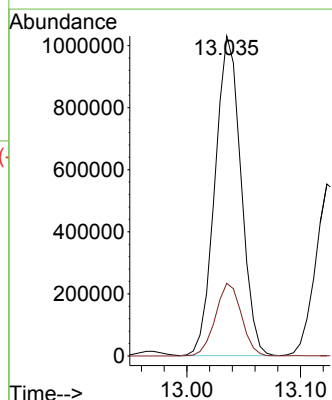
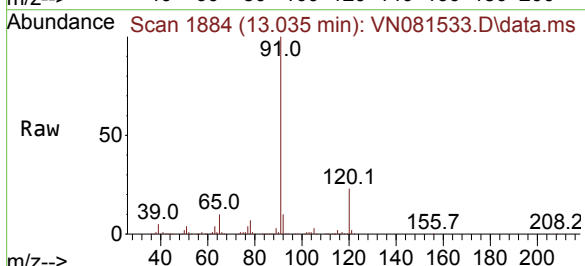
Acq: 21 Mar 2024 20:34

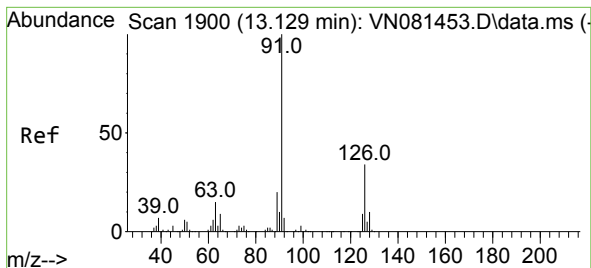
Tgt Ion: 91 Resp: 1636710

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 53.166 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

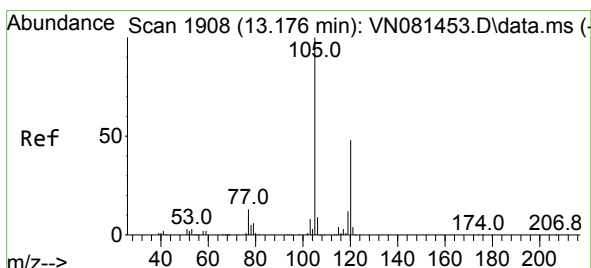
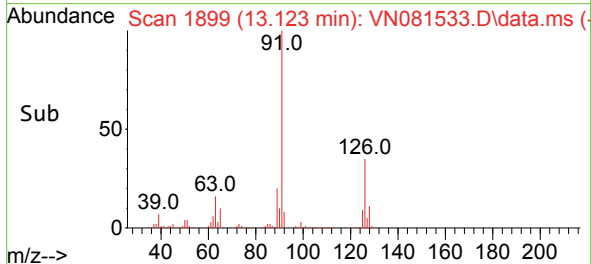
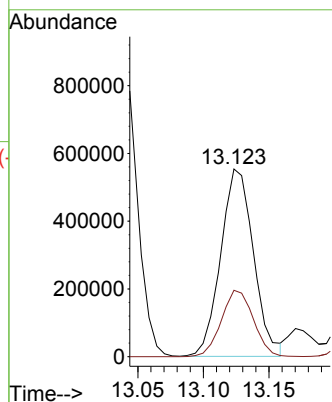
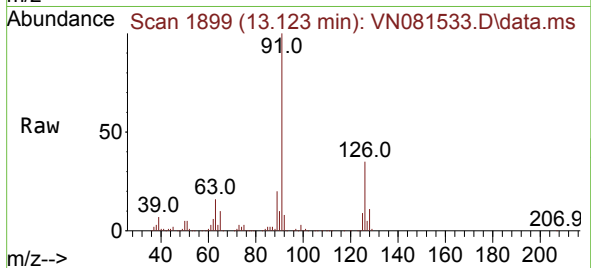
VSTDCCC050EC

Tgt Ion: 91 Resp: 964214

Ion Ratio Lower Upper

91 100

126 34.6 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 55.753 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081533.D

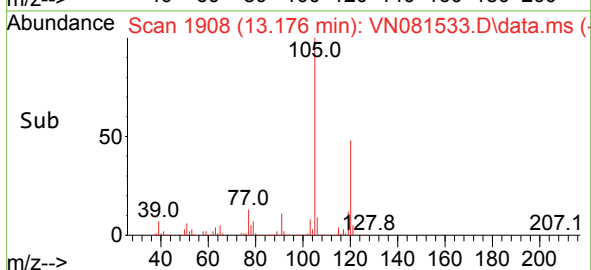
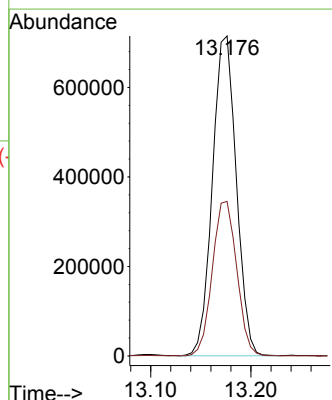
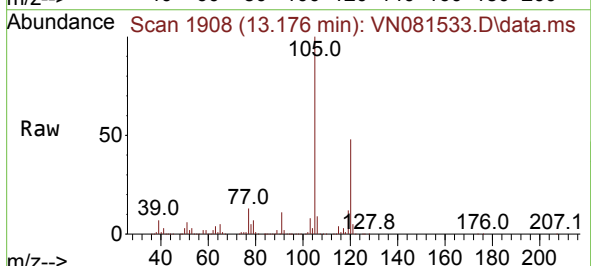
Acq: 21 Mar 2024 20:34

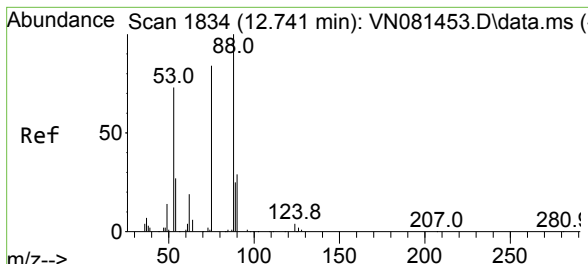
Tgt Ion: 105 Resp: 1181568

Ion Ratio Lower Upper

105 100

120 49.4 23.0 69.0

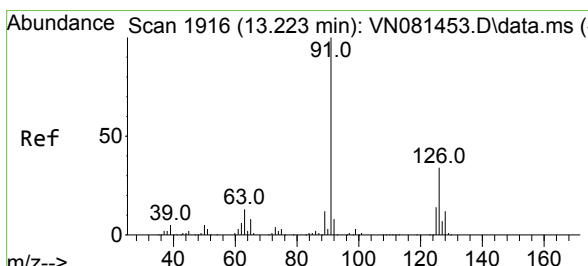
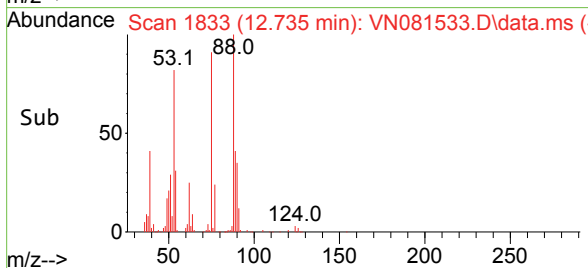
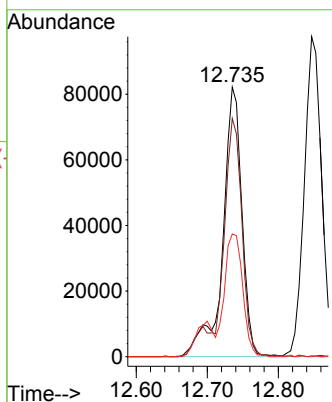
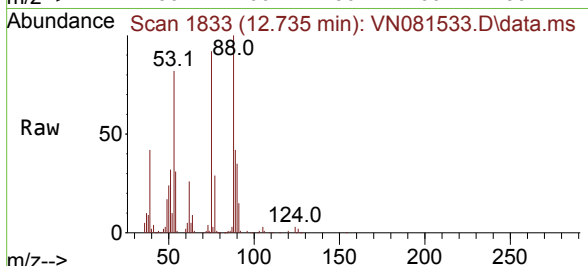




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.004 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

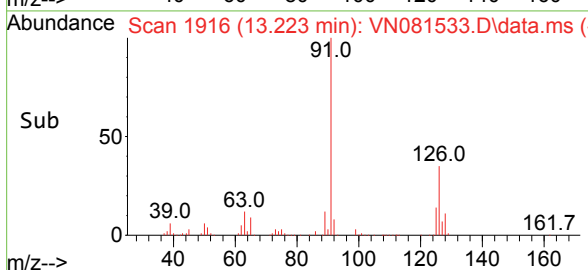
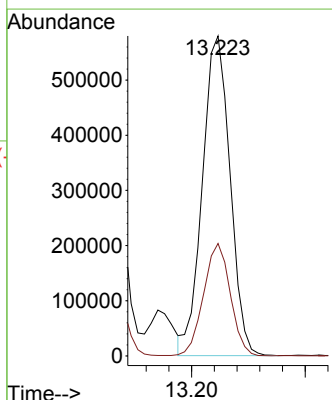
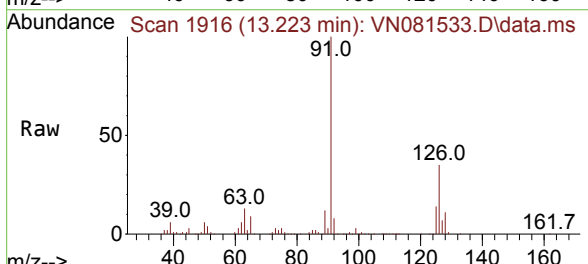
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

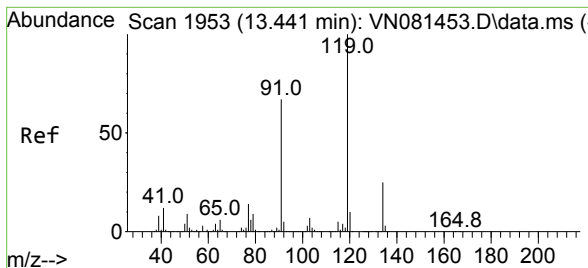
Tgt Ion:	75	Resp:	154554
Ion	Ratio	Lower	Upper
75	100		
53	81.7	71.4	107.2
89	43.0	33.4	50.0



#82
 4-Chlorotoluene
 Concen: 54.698 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion:	91	Resp:	978030
Ion	Ratio	Lower	Upper
91	100		
126	34.0	15.3	45.9

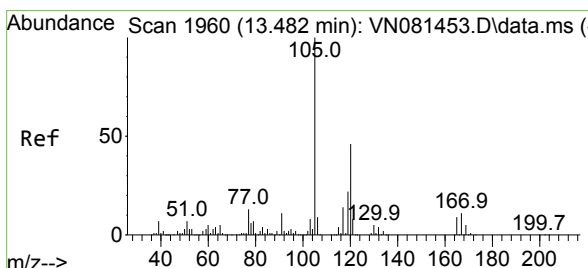
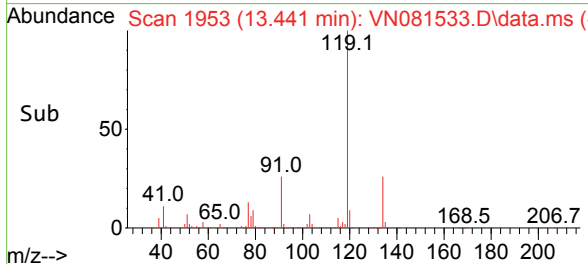
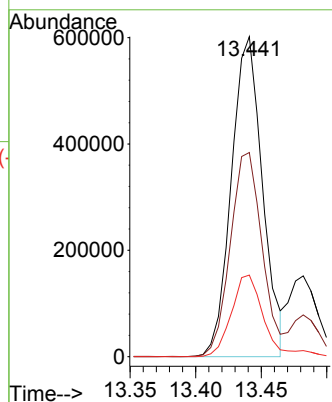
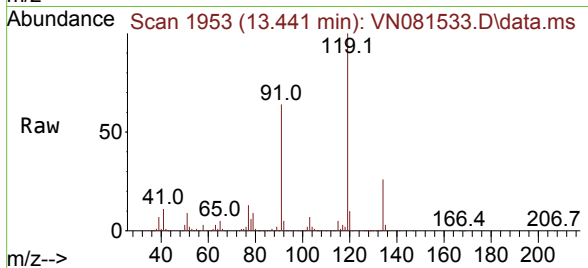




#83
tert-Butylbenzene
Concen: 54.422 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

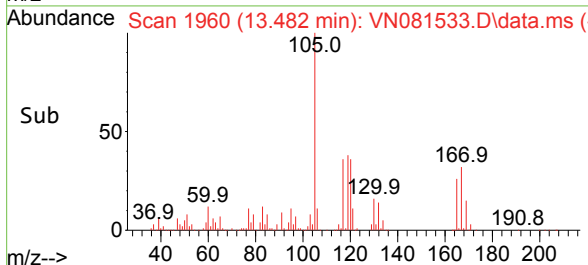
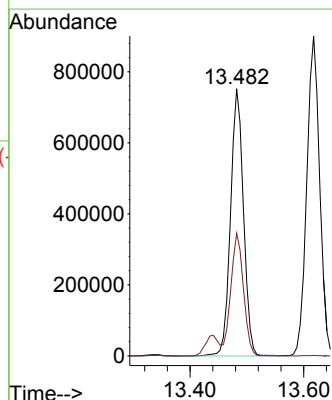
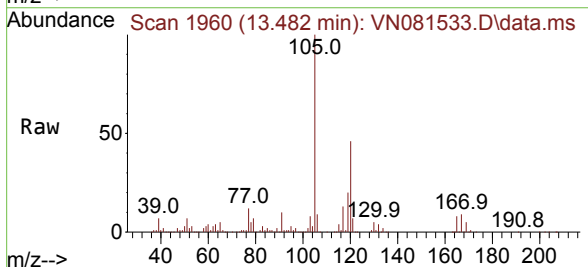
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

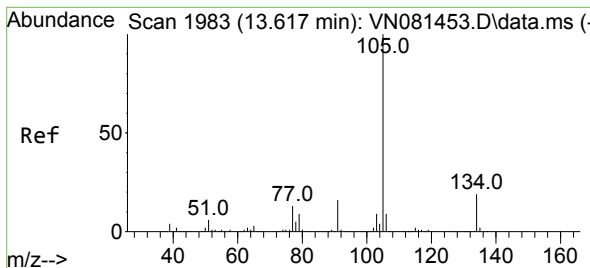
Tgt Ion:119 Resp: 994582
Ion Ratio Lower Upper
119 100
91 65.0 36.8 110.4
134 26.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 55.874 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:105 Resp: 1190130
Ion Ratio Lower Upper
105 100
120 45.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 54.678 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

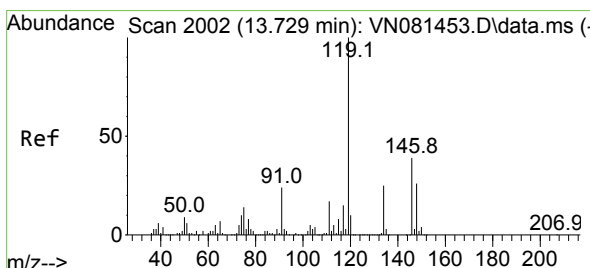
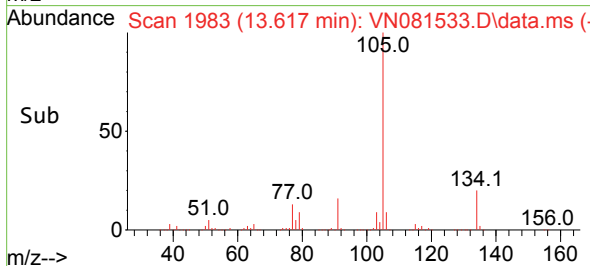
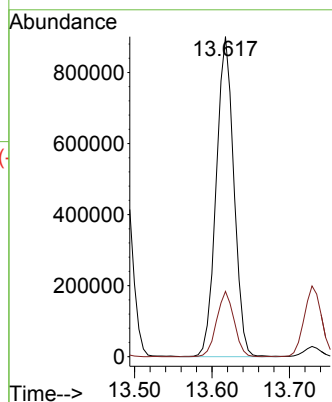
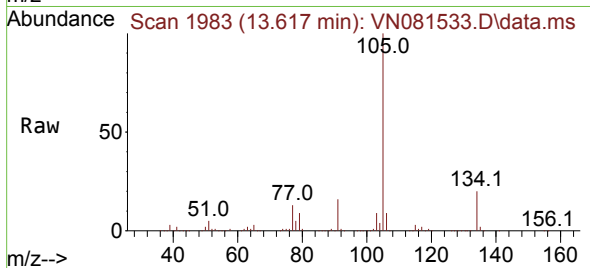
VSTDCCC050EC

Tgt Ion:105 Resp: 1428486

Ion Ratio Lower Upper

105 100

134 20.2 8.6 25.8



#86

p-Isopropyltoluene

Concen: 56.181 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

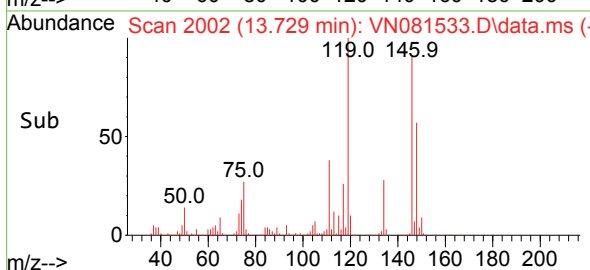
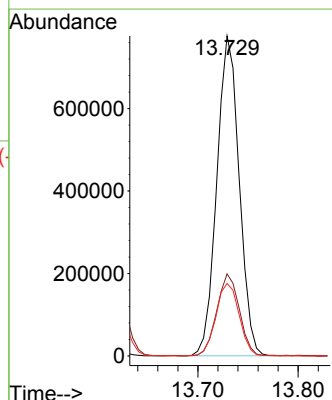
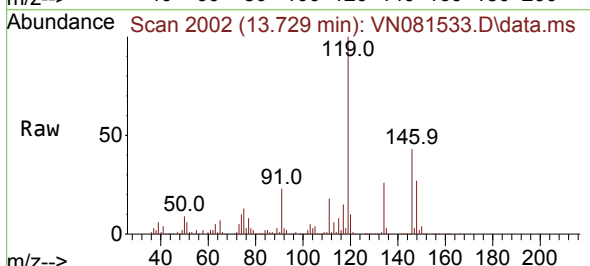
Tgt Ion:119 Resp: 1199802

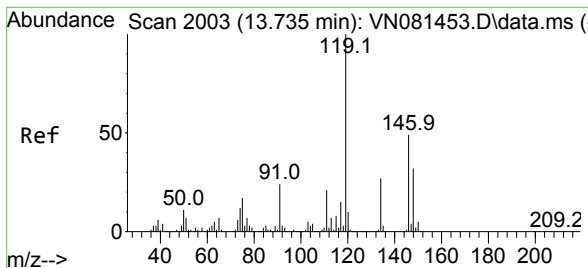
Ion Ratio Lower Upper

119 100

134 25.8 12.4 37.2

91 23.5 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 52.229 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

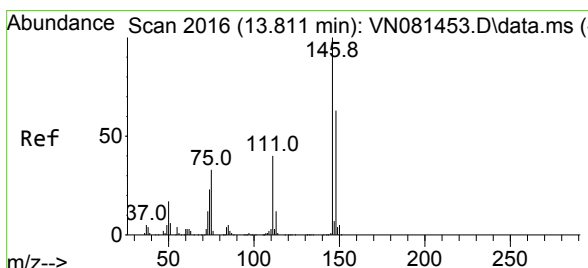
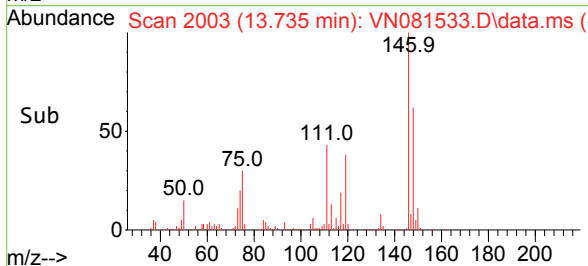
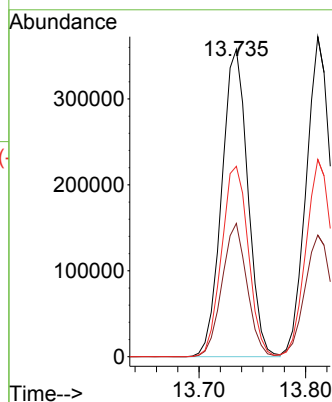
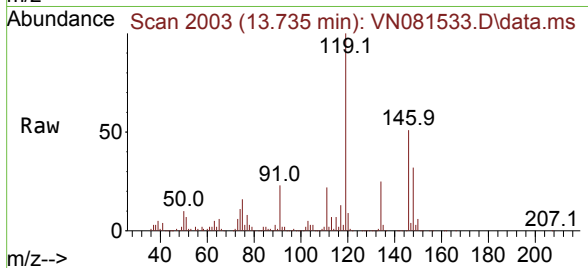
Tgt Ion:146 Resp: 608238

Ion Ratio Lower Upper

146 100

111 41.6 23.9 71.7

148 63.4 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 50.707 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081533.D

Acq: 21 Mar 2024 20:34

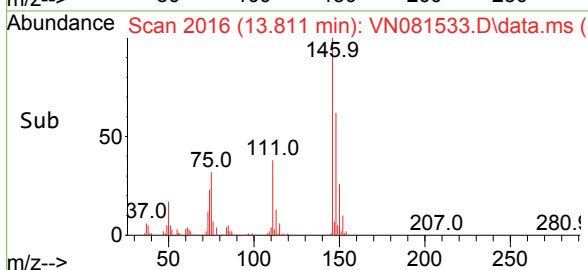
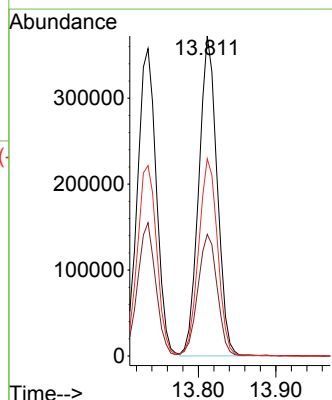
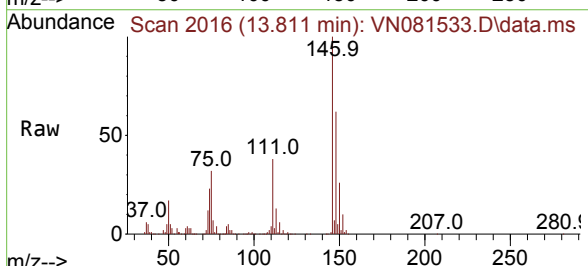
Tgt Ion:146 Resp: 611443

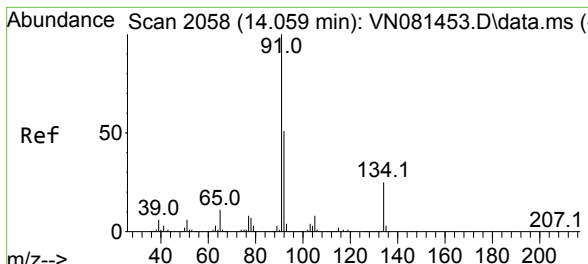
Ion Ratio Lower Upper

146 100

111 39.9 22.6 67.7

148 63.7 31.9 95.5



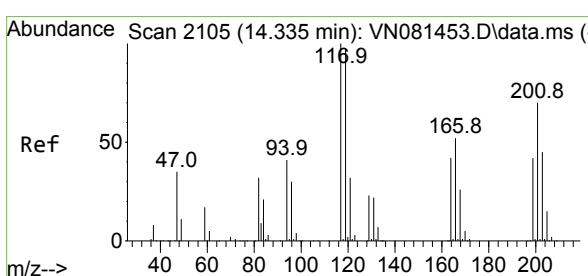
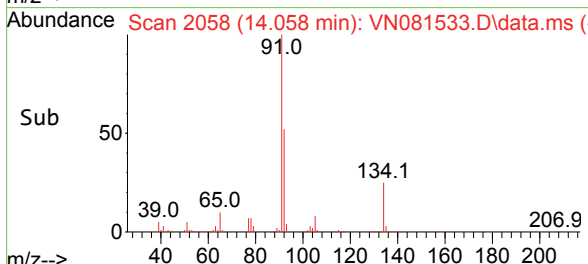
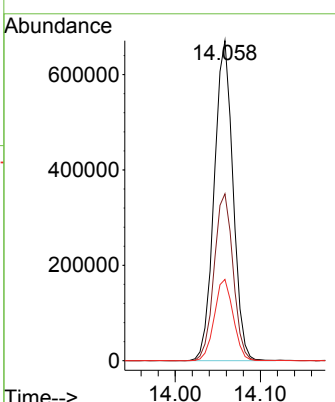
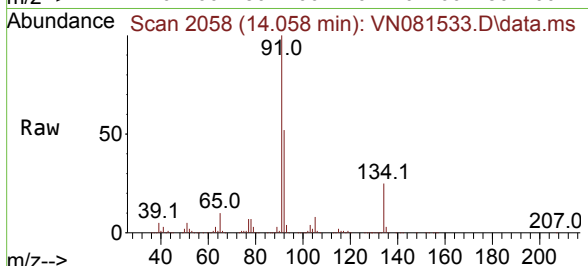


#89
 n-Butylbenzene
 Concen: 54.206 ug/l
 RT: 14.058 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 91 Resp: 1026494

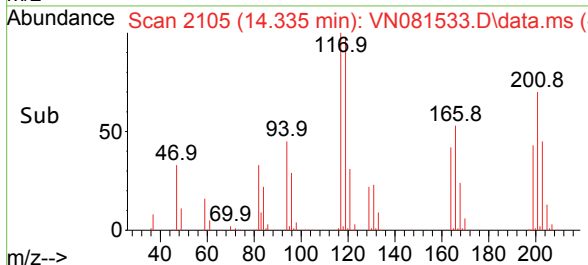
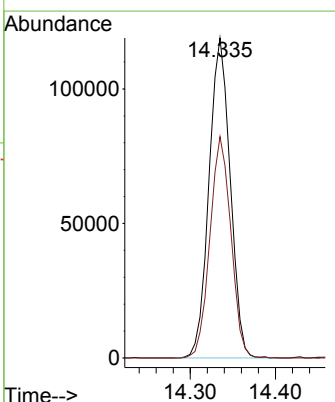
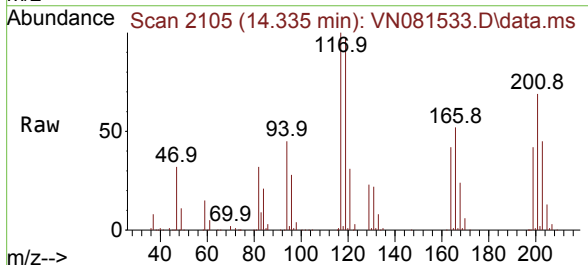
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	25.7	10.8	32.4

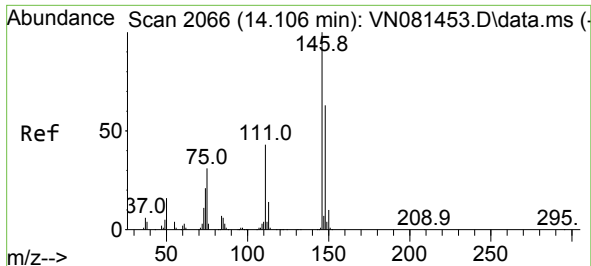


#90
 Hexachloroethane
 Concen: 50.887 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 117 Resp: 205814

Ion	Ratio	Lower	Upper
117	100		
201	68.5	30.0	90.0

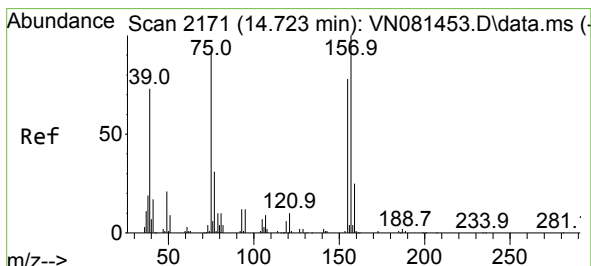
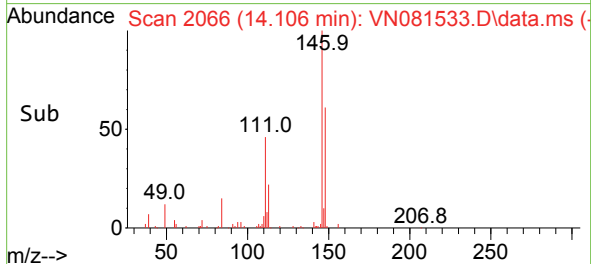
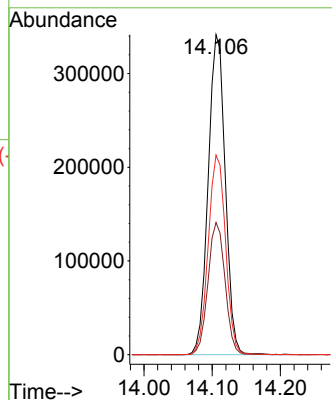
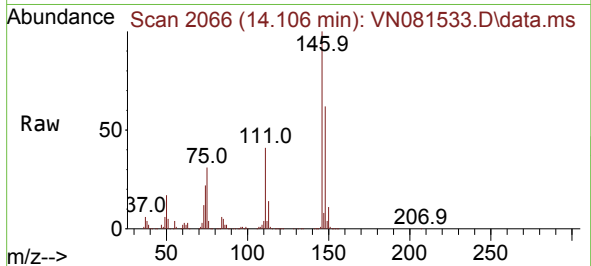




#91
 1,2-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

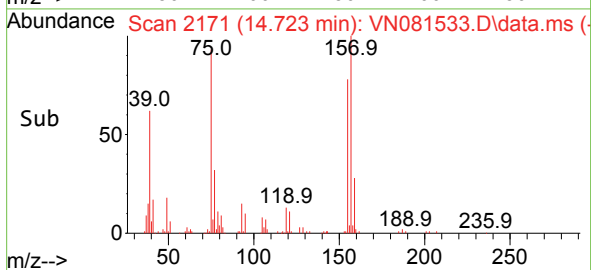
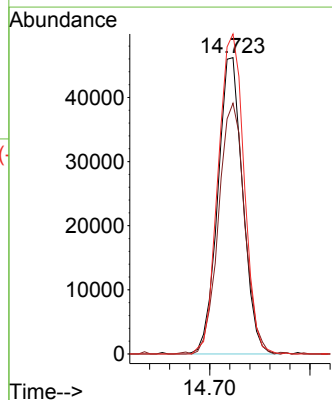
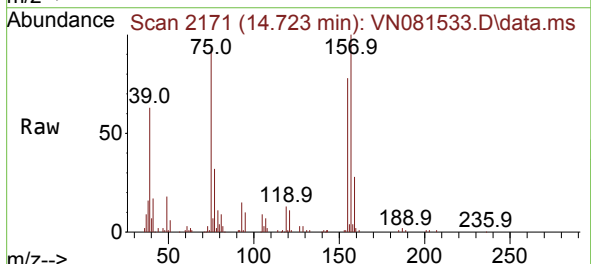
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

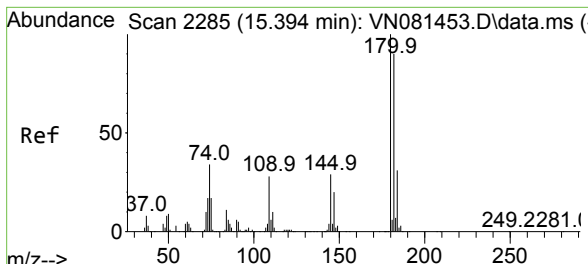
Tgt Ion:146 Resp: 595607
 Ion Ratio Lower Upper
 146 100
 111 41.4 23.9 71.8
 148 63.5 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.714 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081533.D
 Acq: 21 Mar 2024 20:34

Tgt Ion: 75 Resp: 79817
 Ion Ratio Lower Upper
 75 100
 155 88.3 31.8 95.4
 157 111.8 41.1 123.4

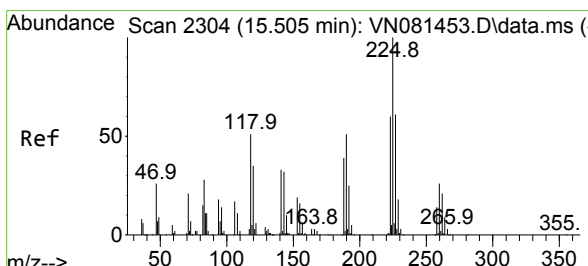
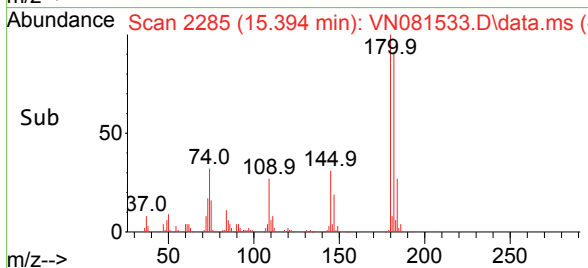
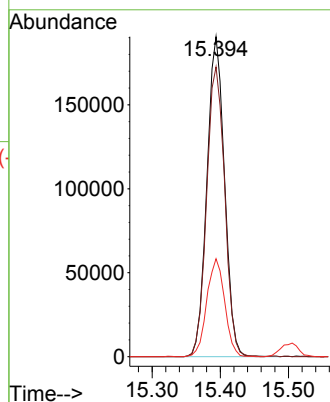
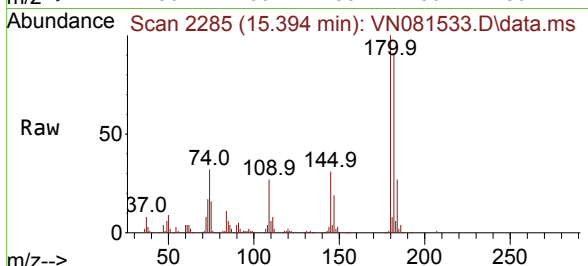




#93
1,2,4-Trichlorobenzene
Concen: 52.728 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

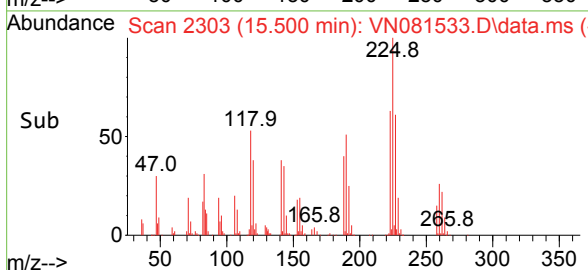
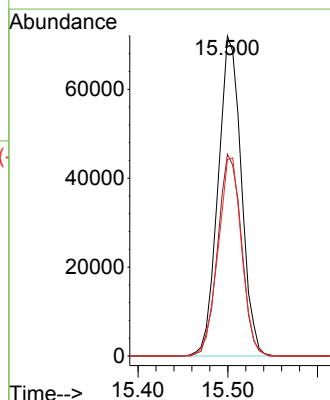
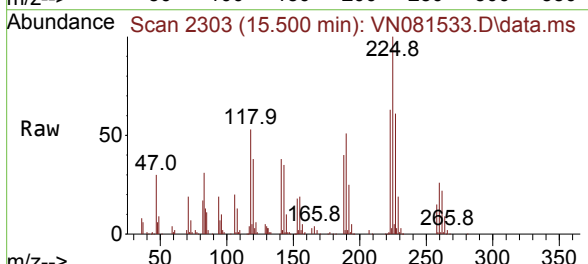
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

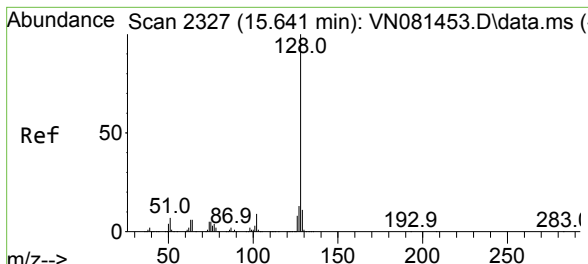
Tgt Ion:180 Resp: 341730
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.7
145 31.2 16.8 50.3



#94
Hexachlorobutadiene
Concen: 45.430 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:225 Resp: 129187
Ion Ratio Lower Upper
225 100
223 64.4 33.3 99.8
227 62.9 33.1 99.2



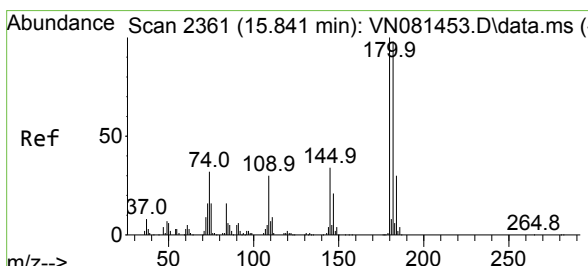
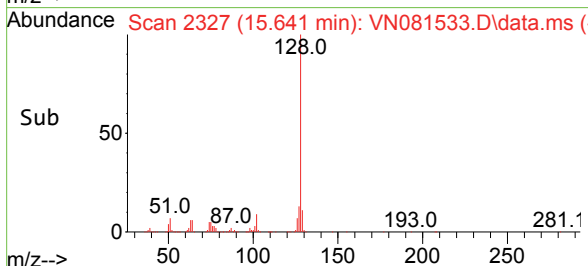
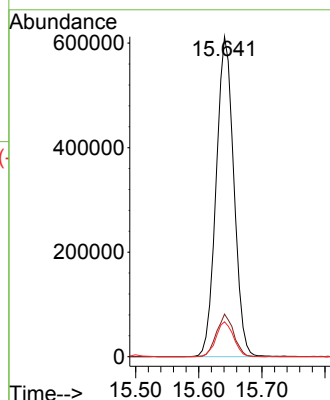
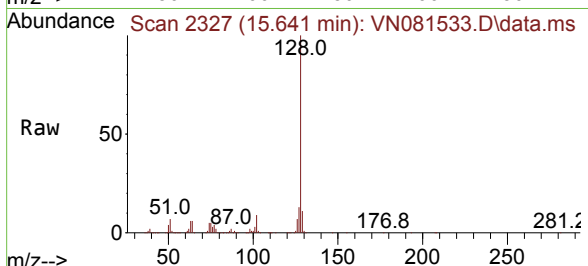


#95
Naphthalene
Concen: 56.661 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1189918

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.819 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081533.D
Acq: 21 Mar 2024 20:34

Tgt Ion:180 Resp: 337812

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.5	139.3
145	33.4	17.8	53.4

