

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078483.D
 Acq On : 12 Jul 2023 17:33
 Operator : JC\MD
 Sample : 03585-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 02:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	422101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	734287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	683093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272878	48.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.440%
35) Dibromofluoromethane	8.177	113	269756	54.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.240%
50) Toluene-d8	10.576	98	862947	45.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.853	95	296510	51.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.240%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.142	85	94	0.018	ug/l #	43
3) Chloromethane	2.371	50	1917	0.341	ug/l	92
4) Vinyl Chloride	2.512	62	831	0.114	ug/l #	83
5) Bromomethane	2.936	94	139	Below Cal	#	4
6) Chloroethane	3.100	64	1775	Below Cal	#	44
7) Trichlorofluoromethane	3.506	101	466	0.054	ug/l	100
8) Diethyl Ether	3.965	74	83	0.029	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.365	101	246	0.053	ug/l #	20
10) Methyl Iodide	4.612	142	2739	0.433	ug/l #	89
11) Tert butyl alcohol	5.565	59	6366	7.296	ug/l #	81
12) 1,1-Dichloroethene	4.347	96	354	0.079	ug/l #	3
13) Acrolein	4.218	56	1105	1.287	ug/l #	52
14) Allyl chloride	5.030	41	191	0.031	ug/l #	48
15) Acrylonitrile	5.747	53	1732	0.786	ug/l #	68
16) Acetone	4.442	43	212243	120.409	ug/l	92
17) Carbon Disulfide	4.724	76	14636	1.136	ug/l #	91
18) Methyl Acetate	5.059	43	2340	0.314	ug/l #	47
19) Methyl tert-butyl Ether	5.818	73	34722	2.366	ug/l #	85
20) Methylene Chloride	5.277	84	864	Below Cal	#	37
21) trans-1,2-Dichloroethene	5.788	96	980	0.195	ug/l #	32
22) Diisopropyl ether	6.683	45	3658	0.268	ug/l #	66
23) Vinyl Acetate	6.630	43	2185	0.252	ug/l #	62
24) 1,1-Dichloroethane	6.577	63	81	0.009	ug/l #	81
25) 2-Butanone	7.506	43	23847	8.594	ug/l #	71
26) 2,2-Dichloropropane	7.488	77	56	0.007	ug/l #	53
27) cis-1,2-Dichloroethene	7.500	96	784	0.135	ug/l	66
28) Bromochloromethane	7.835	49	382	0.088	ug/l #	35
29) Tetrahydrofuran	7.853	42	635	0.349	ug/l #	44
30) Chloroform	7.959	83	890	0.093	ug/l #	15
31) Cyclohexane	8.235	56	11180	1.462	ug/l #	27
32) 1,1,1-Trichloroethane	8.171	97	168	0.020	ug/l #	24
36) 1,1-Dichloropropene	8.365	75	1199	0.167	ug/l #	40
37) Ethyl Acetate	7.506	43	23847	3.975	ug/l #	68
38) Carbon Tetrachloride	8.229	117	45186	5.777	ug/l #	16
39) Methylcyclohexane	9.606	83	1880	0.286	ug/l #	73
40) Benzene	8.612	78	30983	1.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	857	0.280	ug/l #	38
42) 1,2-Dichloroethane	8.682	62	1243	0.171	ug/l #	73
43) Isopropyl Acetate	8.735	43	1307	0.132	ug/l #	49
44) Trichloroethene	9.359	130	1067	0.186	ug/l	77
46) Dibromomethane	9.718	93	619	0.163	ug/l #	73
47) Bromodichloromethane	9.894	83	666	0.087	ug/l #	72
48) Methyl methacrylate	9.688	41	881	0.193	ug/l #	41
49) 1,4-Dioxane	9.724	88	238	2.385	ug/l #	57
51) 4-Methyl-2-Pentanone	10.453	43	5340	0.909	ug/l	93
52) Toluene	10.635	92	65844	4.982	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	686	0.088	ug/l #	43
54) cis-1,3-Dichloropropene	10.318	75	736	0.088	ug/l #	72
55) 1,1,2-Trichloroethane	11.035	97	441	0.085	ug/l #	16
56) Ethyl methacrylate	10.876	69	311	0.043	ug/l #	1
57) 1,3-Dichloropropane	11.165	76	1000	0.113	ug/l #	85
58) 2-Chloroethyl Vinyl ether	10.171	63	55	0.021	ug/l #	42
59) 2-Hexanone	11.206	43	7278	1.743	ug/l	79
60) Dibromochloromethane	11.365	129	661	0.115	ug/l	74
61) 1,2-Dibromoethane	11.465	107	848	0.158	ug/l #	2
64) Tetrachloroethene	11.106	164	1188	0.231	ug/l #	77
65) Chlorobenzene	11.894	112	3103	0.203	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	468	0.080	ug/l #	61
67) Ethyl Benzene	11.976	91	15701	0.608	ug/l #	84
68) m/p-Xylenes	12.076	106	14840	1.555	ug/l	90
69) o-Xylene	12.400	106	17853	1.852	ug/l	94
70) Styrene	12.417	104	6429	0.426	ug/l #	60
71) Bromoform	12.582	173	761	0.191	ug/l #	28
73) Isopropylbenzene	12.700	105	4162	0.177	ug/l	83
74) N-amyl acetate	12.506	43	2589	0.319	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	1850	Below Cal	#	94
76) 1,2,3-Trichloropropane	12.853	75	157957	26.097	ug/l #	1
77) Bromobenzene	12.994	156	1543	Below Cal		66
78) n-propylbenzene	13.035	91	7743	0.308	ug/l	99
79) 2-Chlorotoluene	13.135	91	5831	0.354	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	9840	0.529	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.853	75	157957	68.578	ug/l #	15
82) 4-Chlorotoluene	13.229	91	4663	0.303	ug/l	93
83) tert-Butylbenzene	13.453	119	2710	0.172	ug/l	77
84) 1,2,4-Trimethylbenzene	13.488	105	14170	0.785	ug/l	93
85) sec-Butylbenzene	13.617	105	7086	0.355	ug/l	99
86) p-Isopropyltoluene	13.735	119	6550	0.409	ug/l	93
87) 1,3-Dichlorobenzene	13.741	146	3769	0.417	ug/l	93
88) 1,4-Dichlorobenzene	13.741	146	3769	0.414	ug/l	91
89) n-Butylbenzene	14.064	91	11357	0.991	ug/l	92
90) Hexachloroethane	14.335	117	1232	Below Cal		69
91) 1,2-Dichlorobenzene	14.117	146	4195	0.467	ug/l	80
92) 1,2-Dibromo-3-Chloropr...	14.723	75	943	Below Cal		95
93) 1,2,4-Trichlorobenzene	15.394	180	6137	2.139	ug/l #	84
94) Hexachlorobutadiene	15.506	225	3277	Below Cal		79
95) Naphthalene	15.647	128	29889	3.047	ug/l	96
96) 1,2,3-Trichlorobenzene	15.853	180	8639	2.619	ug/l #	74

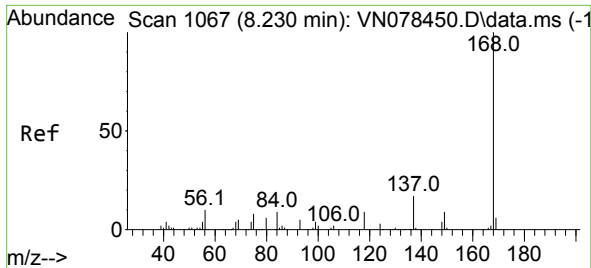
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

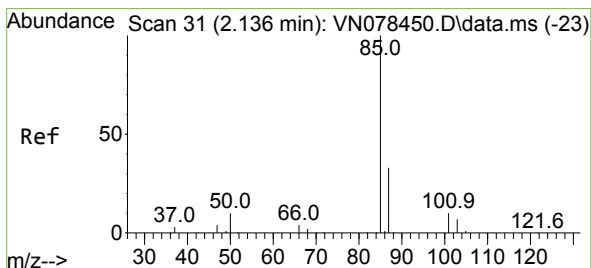
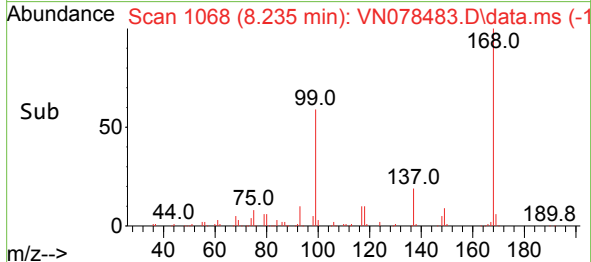
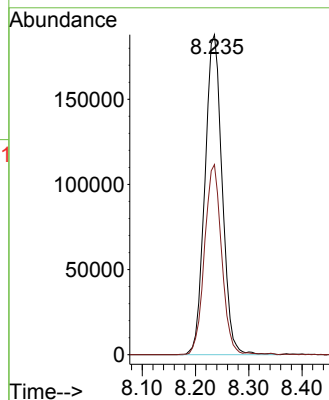
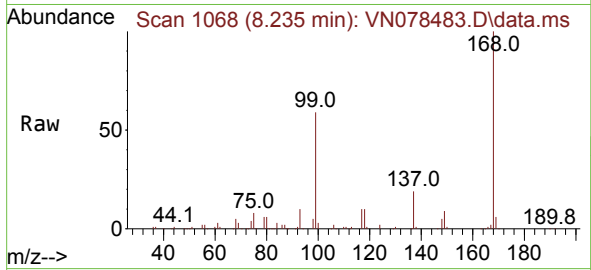
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
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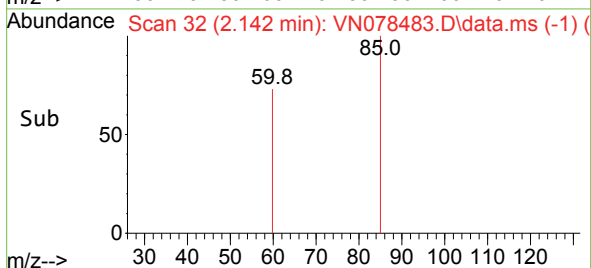
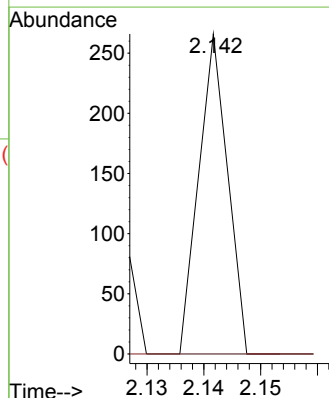
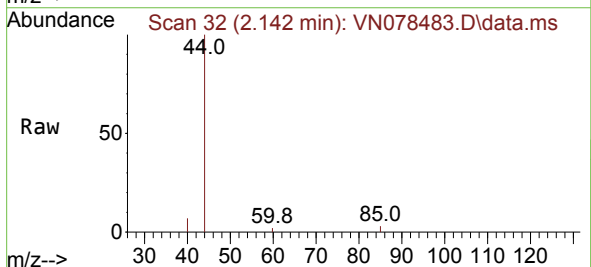
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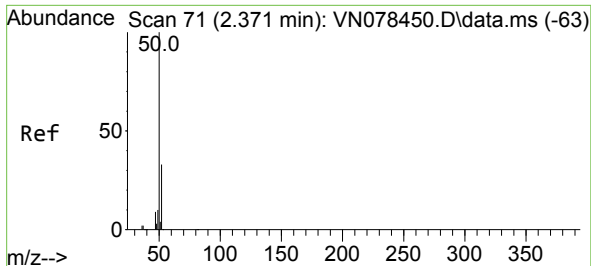
Tgt Ion:168 Resp: 422101
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.018 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 85 Resp: 94
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

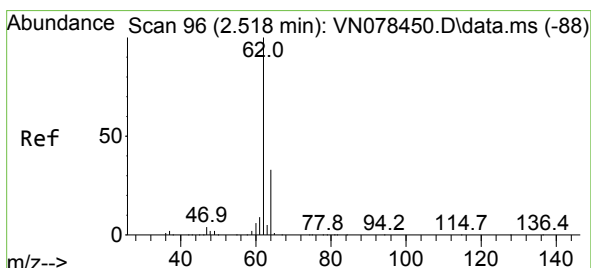
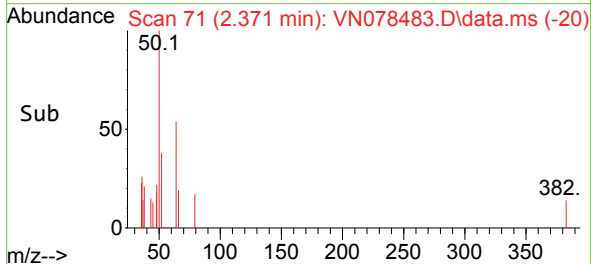
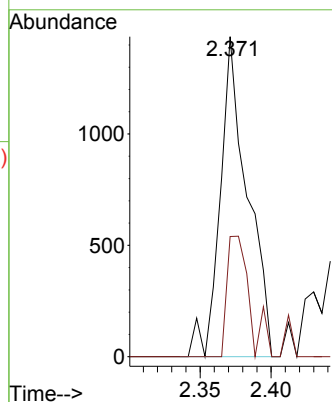
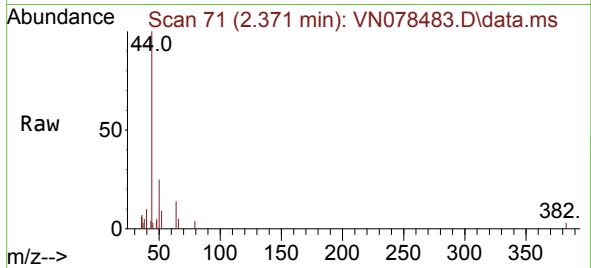




#3
Chloromethane
Concen: 0.341 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

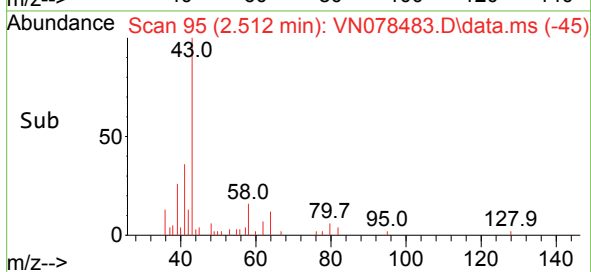
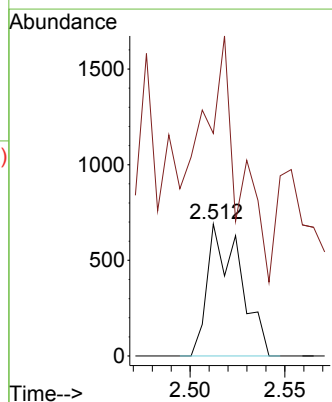
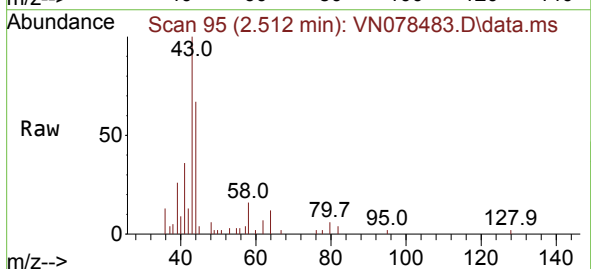
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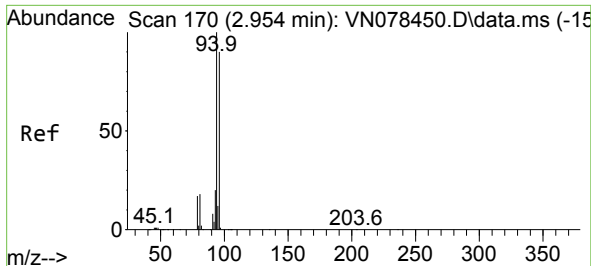
Tgt Ion: 50 Resp: 1917
Ion Ratio Lower Upper
50 100
52 37.6 26.5 39.7



#4
Vinyl Chloride
Concen: 0.114 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 62 Resp: 831
Ion Ratio Lower Upper
62 100
64 42.0 26.2 39.2#

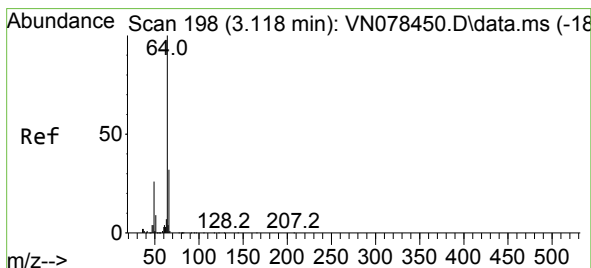
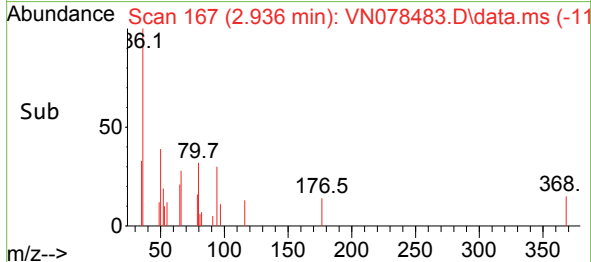
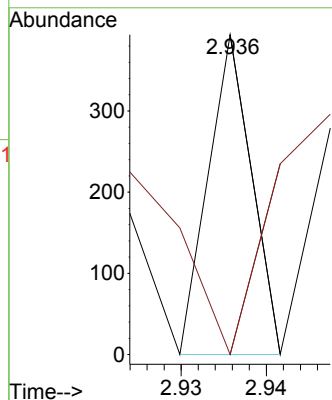
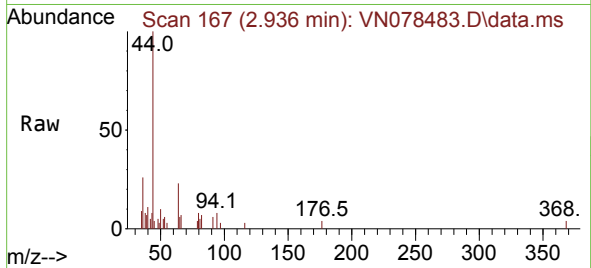




#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

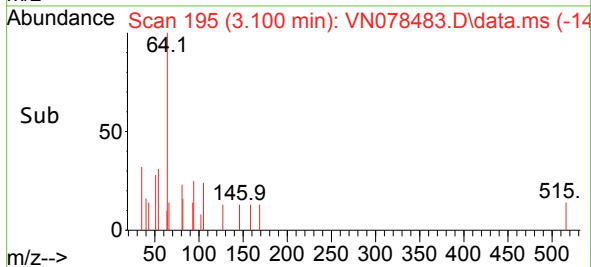
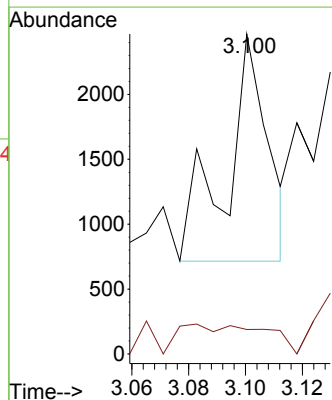
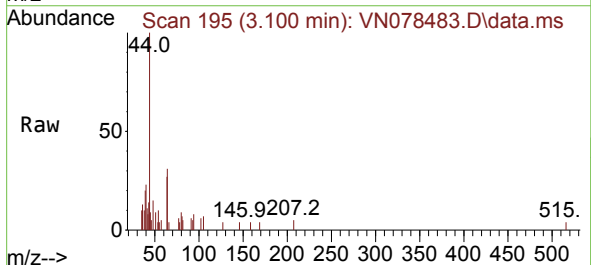
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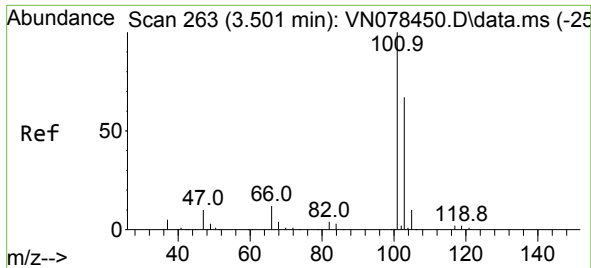
Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 64 Resp: 1775
Ion Ratio Lower Upper
64 100
66 0.5 25.4 38.2#

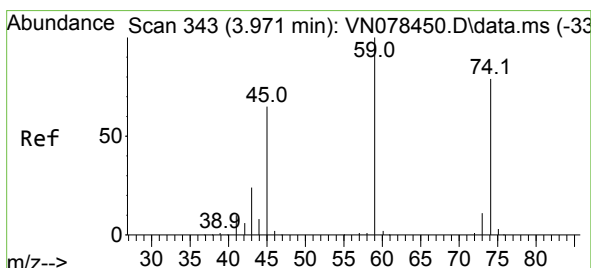
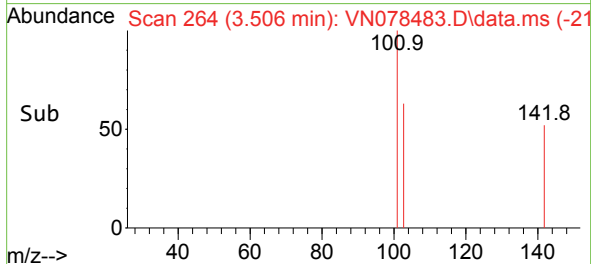
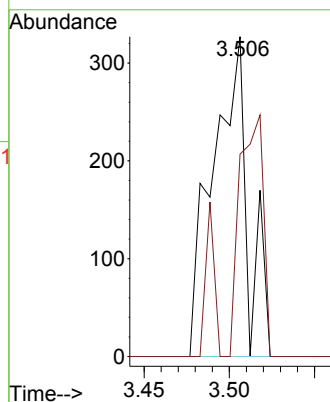
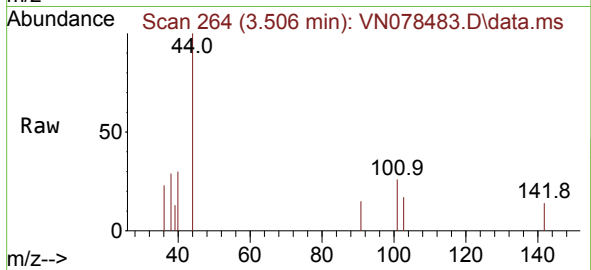




#7
 Trichlorofluoromethane
 Concen: 0.054 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

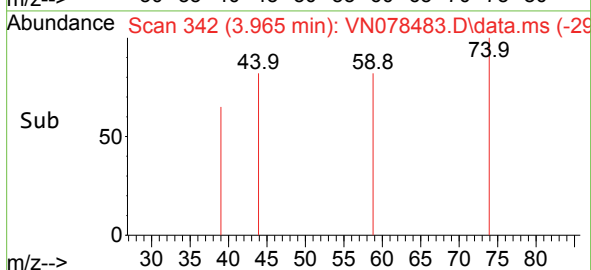
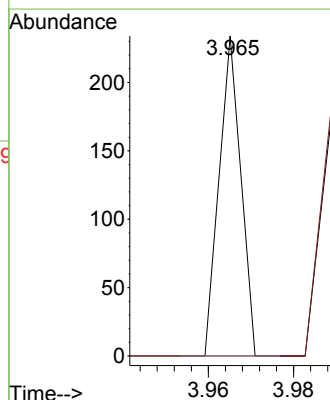
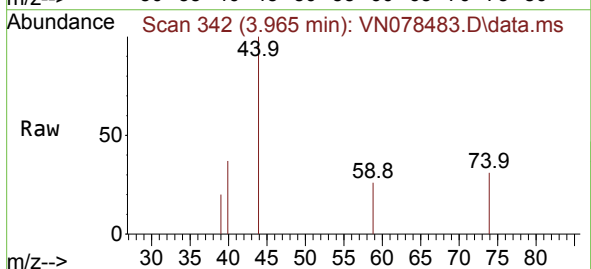
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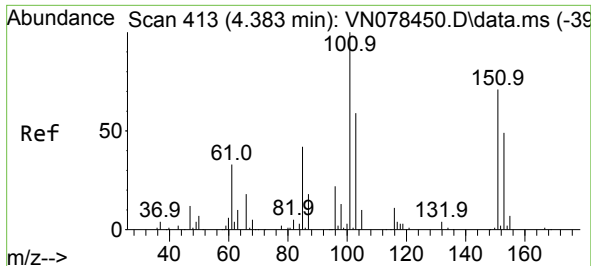
Tgt Ion:101 Resp: 466
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 0.029 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 74 Resp: 83
 Ion Ratio Lower Upper
 74 100
 45 0.0 34.4 103.3#

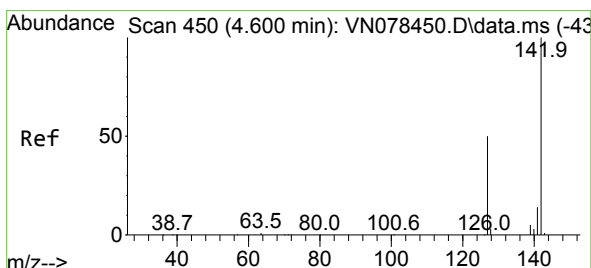
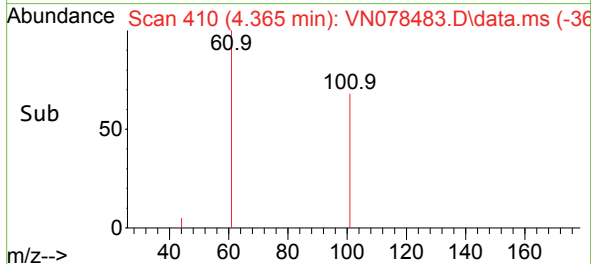
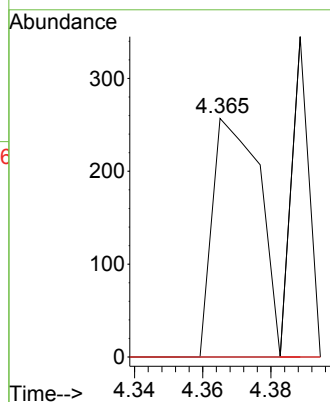
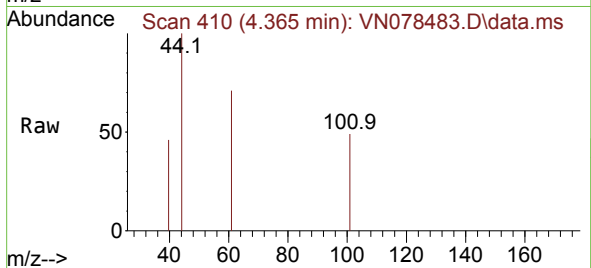




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.053 ug/l
RT: 4.365 min Scan# 413
Delta R.T. -0.018 min
Lab File: VN078483.D
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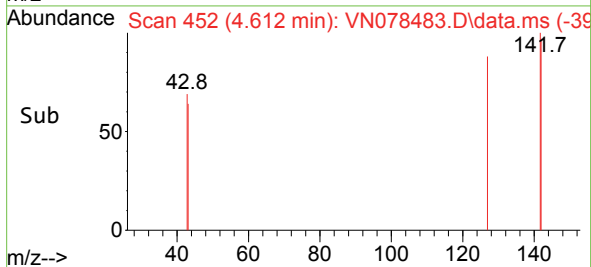
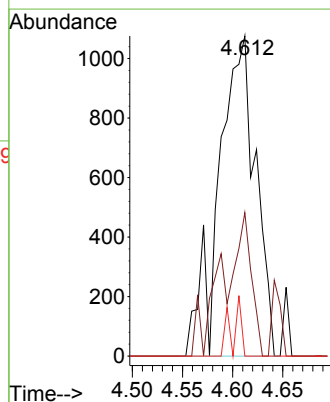
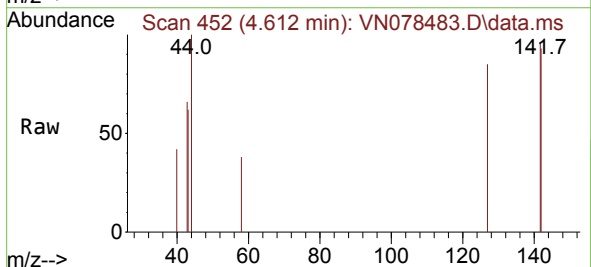
Instrument :
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ClientSampleId :
VSTDCCC050

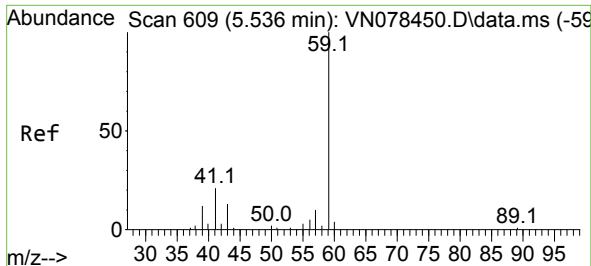
Tgt Ion:101 Resp: 246
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 57.6 86.4#



#10
Methyl Iodide
Concen: 0.433 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:142 Resp: 2739
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 0.0 11.4 17.0#

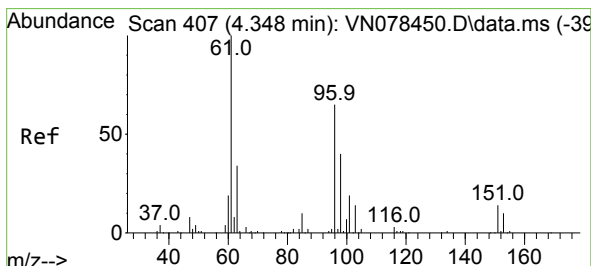
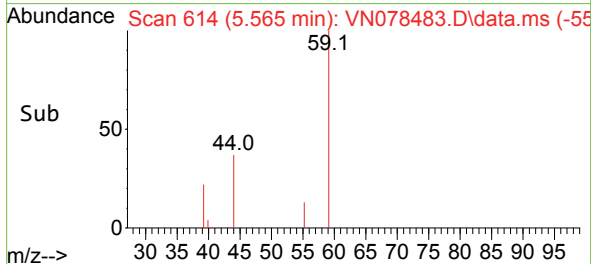
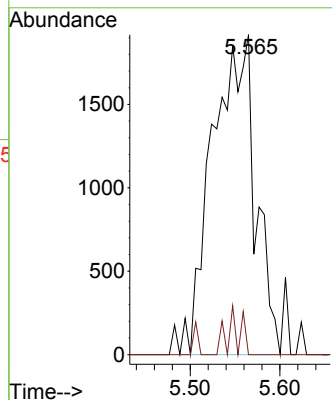
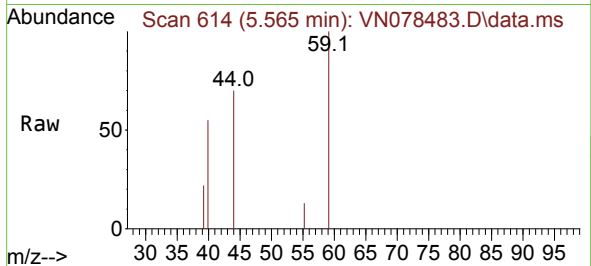




#11
Tert butyl alcohol
Concen: 7.296 ug/l
RT: 5.565 min Scan# 614
Delta R.T. 0.029 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

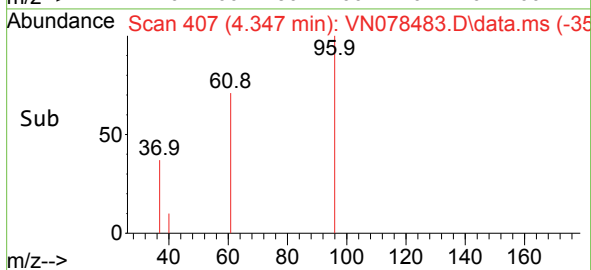
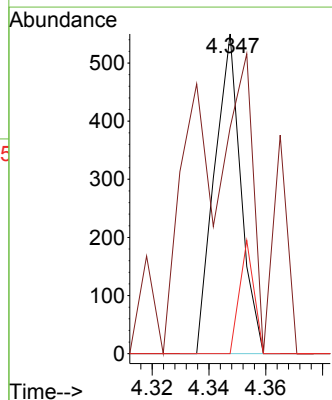
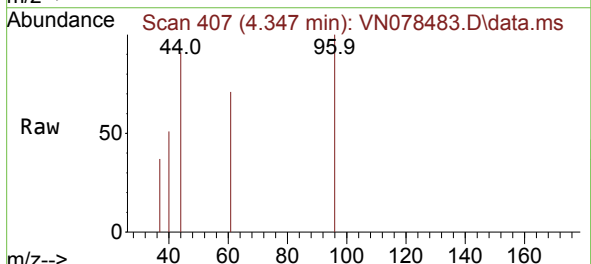
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

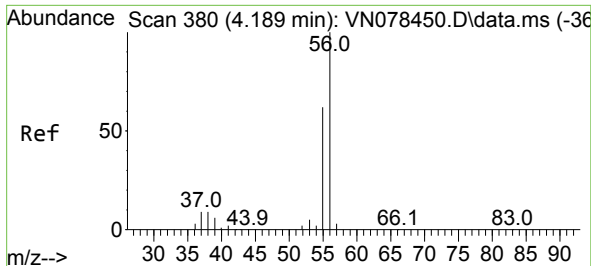
Tgt Ion: 59 Resp: 6366
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.079 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 96 Resp: 354
Ion Ratio Lower Upper
96 100
61 13.8 112.7 169.1#
98 0.0 51.2 76.8#

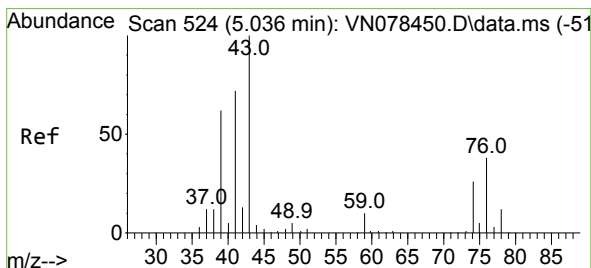
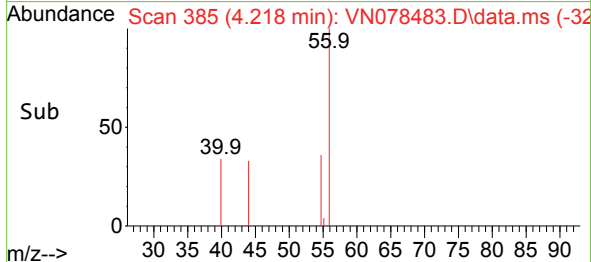
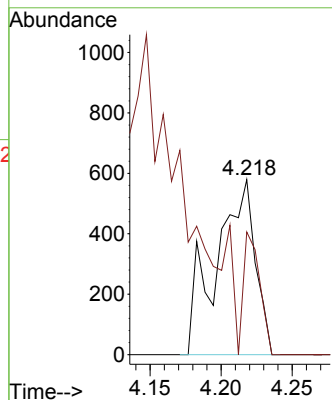
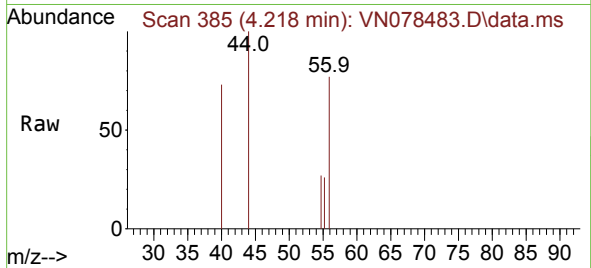




#13
Acrolein
Concen: 1.287 ug/l
RT: 4.218 min Scan# 31
Delta R.T. 0.029 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

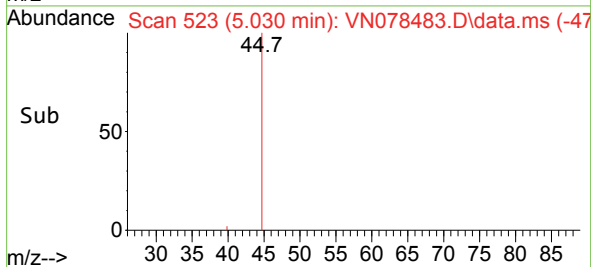
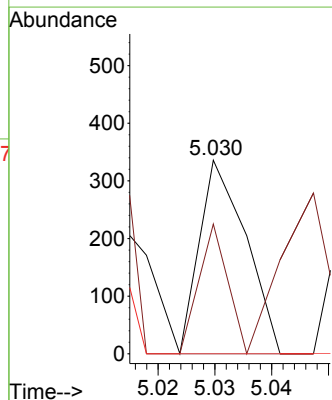
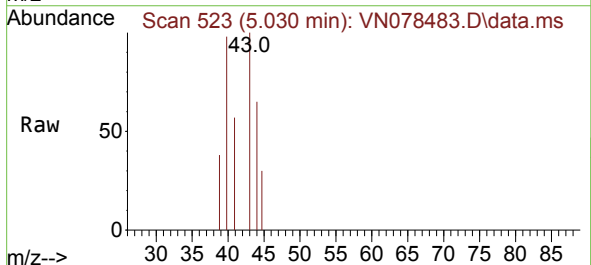
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

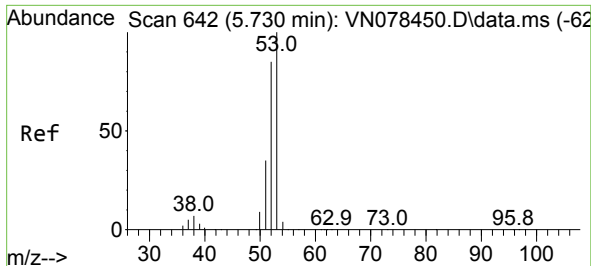
Tgt Ion: 56 Resp: 1105
Ion Ratio Lower Upper
56 100
55 29.2 54.5 81.7#



#14
Allyl chloride
Concen: 0.031 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 41 Resp: 191
Ion Ratio Lower Upper
41 100
39 41.4 58.8 88.2#
76 0.0 39.1 58.7#

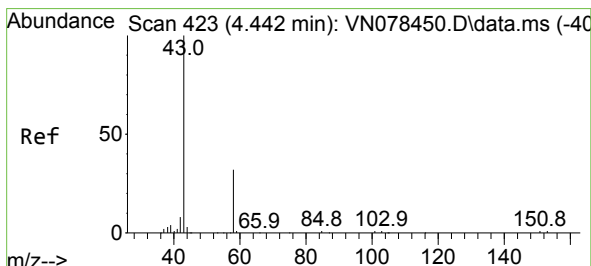
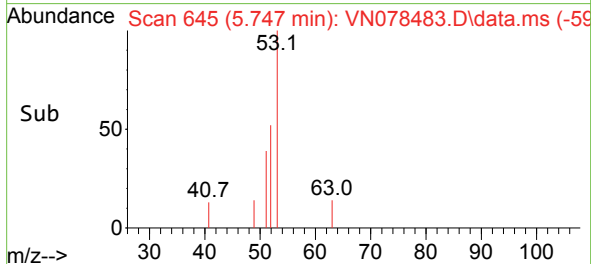
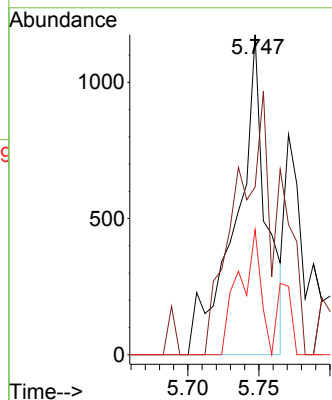
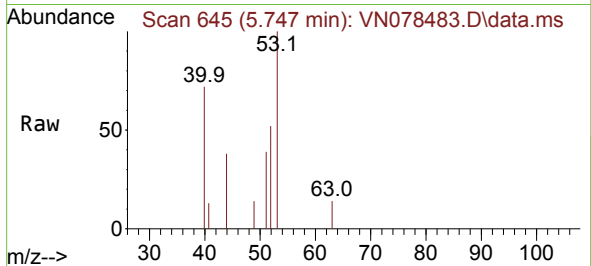




#15
Acrylonitrile
Concen: 0.786 ug/l
RT: 5.747 min Scan# 642
Delta R.T. 0.017 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

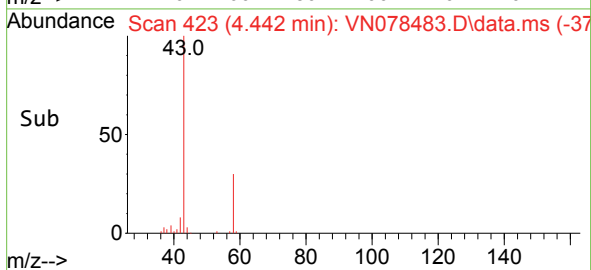
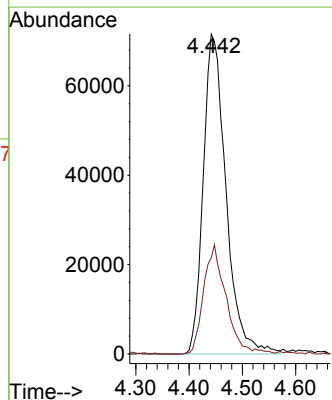
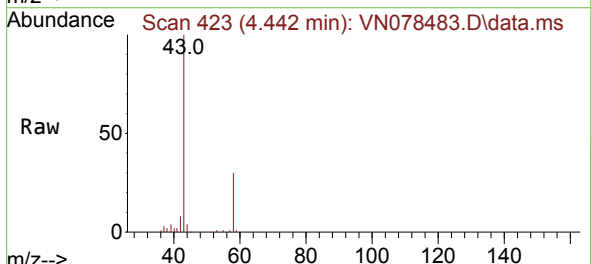
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

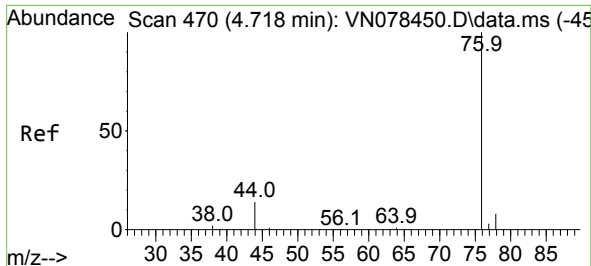
Tgt Ion: 53 Resp: 1732
Ion Ratio Lower Upper
53 100
52 117.0 65.3 97.9#
51 28.1 28.9 43.3#



#16
Acetone
Concen: 120.409 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 43 Resp: 212243
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

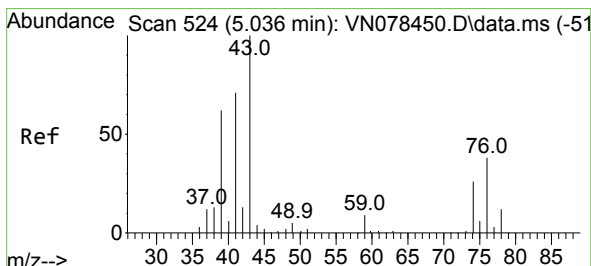
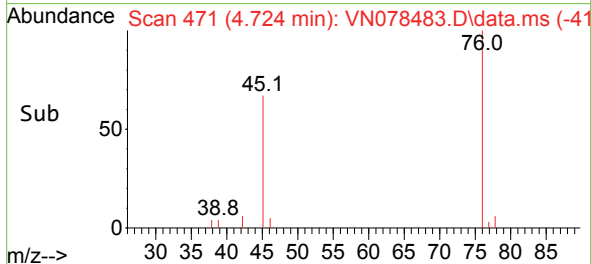
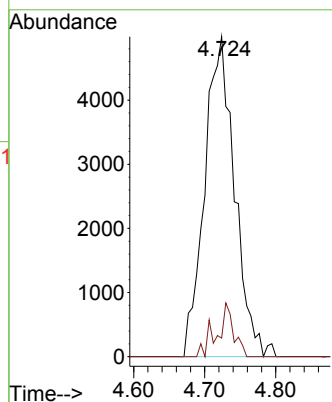
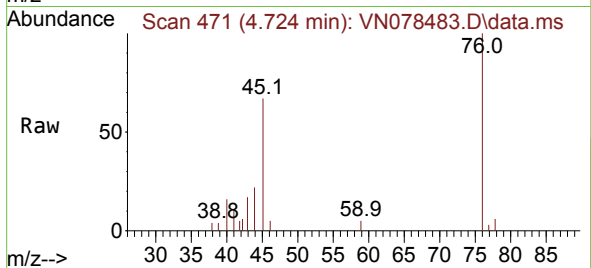




#17
Carbon Disulfide
Concen: 1.136 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

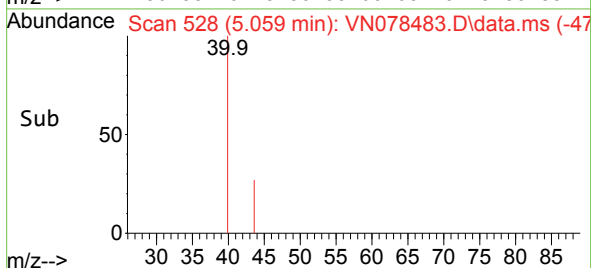
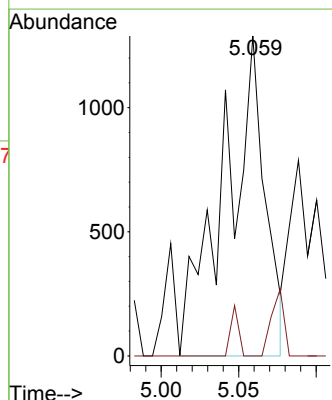
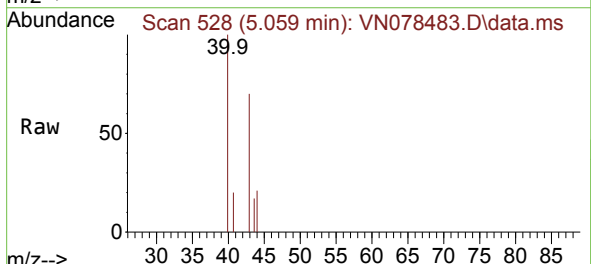
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

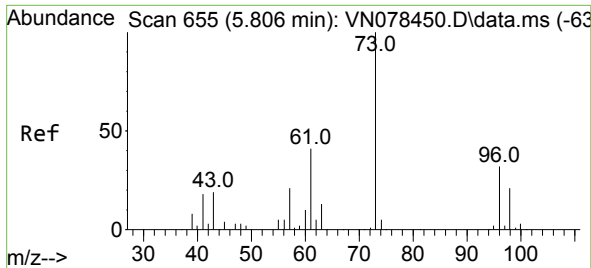
Tgt Ion: 76 Resp: 14636
Ion Ratio Lower Upper
76 100
78 5.8 7.4 11.0#



#18
Methyl Acetate
Concen: 0.314 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.023 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
74 3.1 26.2 39.4#

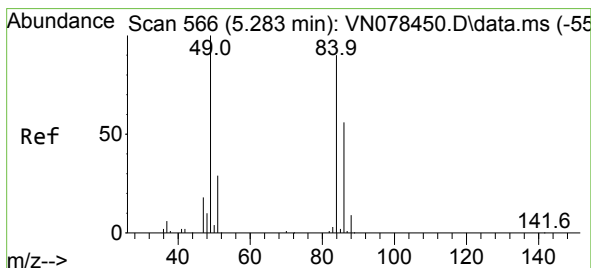
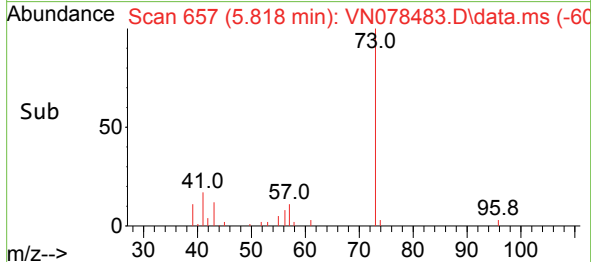
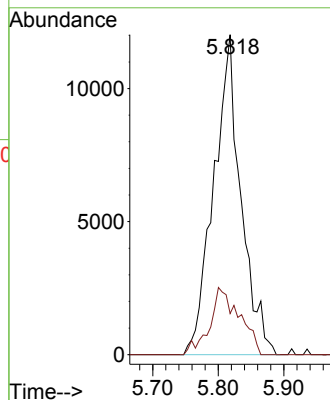
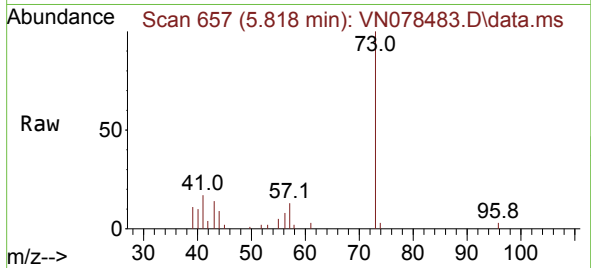




#19
Methyl tert-butyl Ether
Concen: 2.366 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

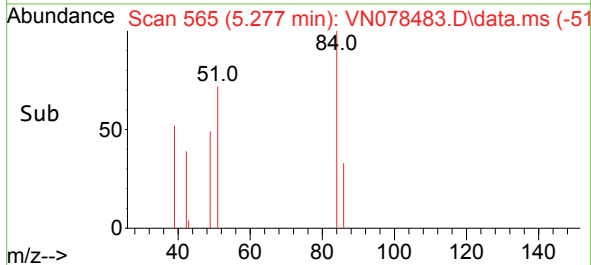
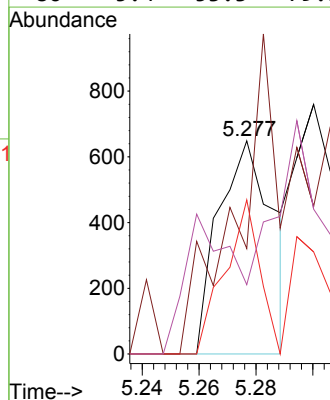
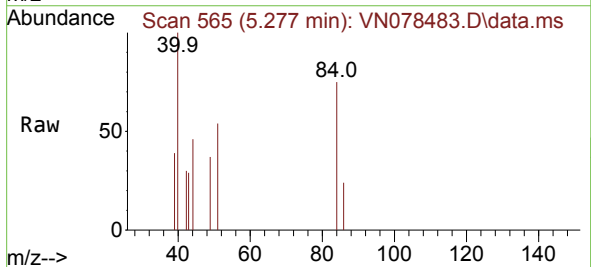
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

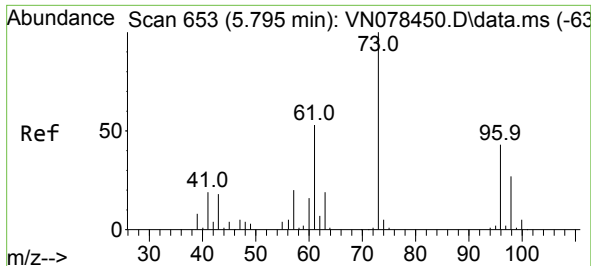
Tgt Ion: 73 Resp: 34722
Ion Ratio Lower Upper
73 100
57 12.8 15.6 23.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 49.5 79.7 119.5#
51 72.3 25.2 37.8#
86 5.4 53.3 79.9#

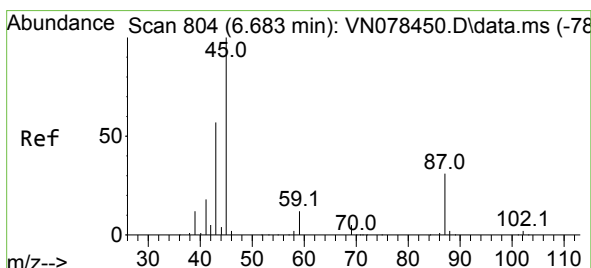
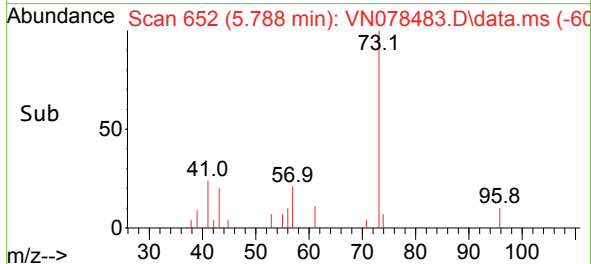
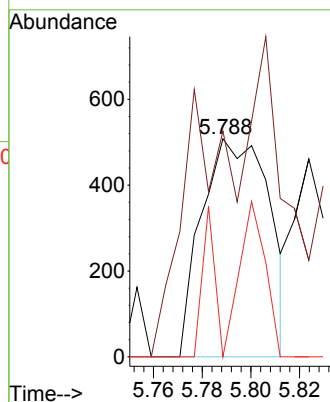
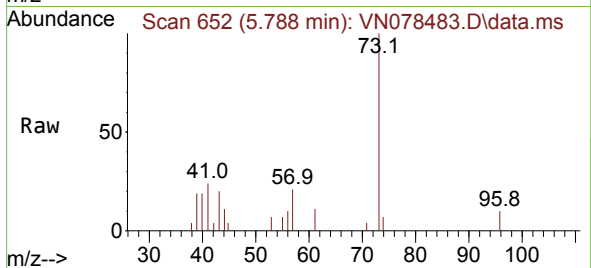




#21
trans-1,2-Dichloroethene
Concen: 0.195 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.007 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

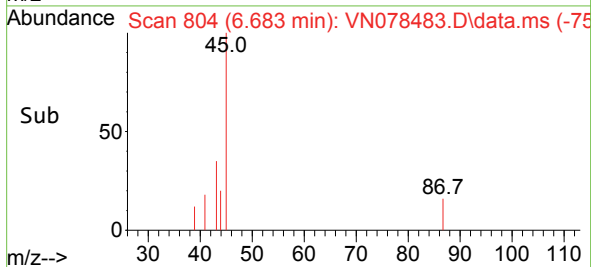
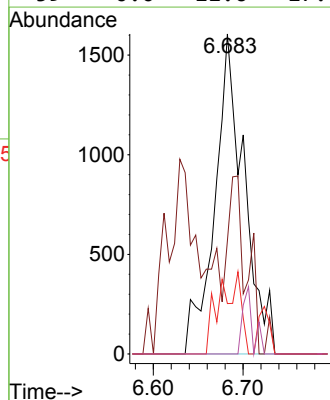
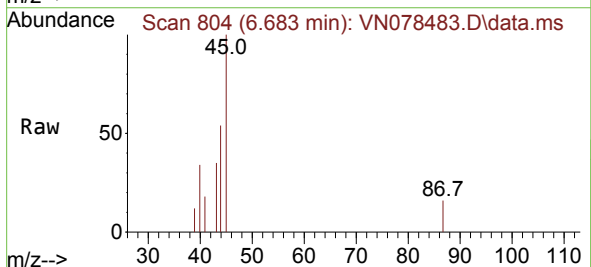
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

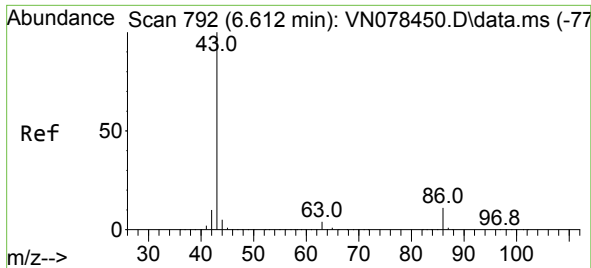
Tgt Ion: 96 Resp: 980
Ion Ratio Lower Upper
96 100
61 46.1 90.1 135.1#
98 0.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.268 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 45 Resp: 3658
Ion Ratio Lower Upper
45 100
43 35.4 45.5 68.3#
87 15.8 31.8 47.8#
59 0.0 11.6 17.4#

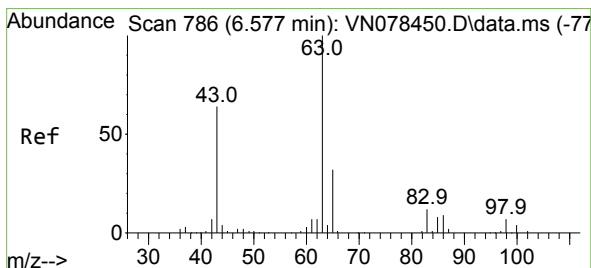
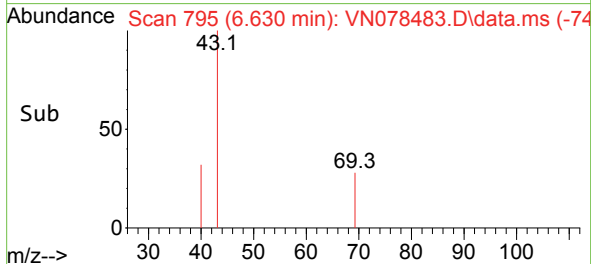
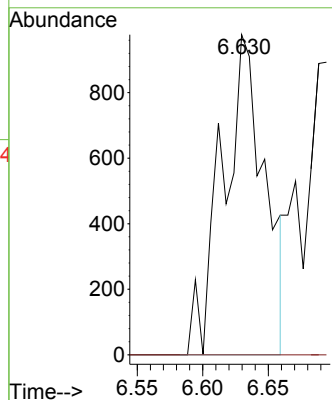
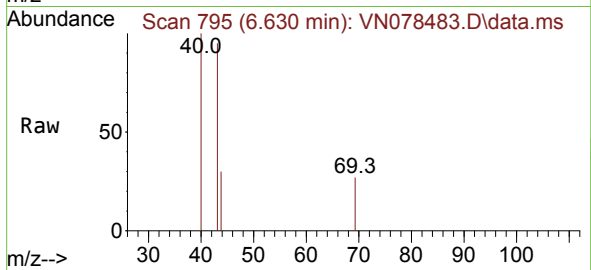




#23
 Vinyl Acetate
 Concen: 0.252 ug/l
 RT: 6.630 min Scan# 795
 Delta R.T. 0.018 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

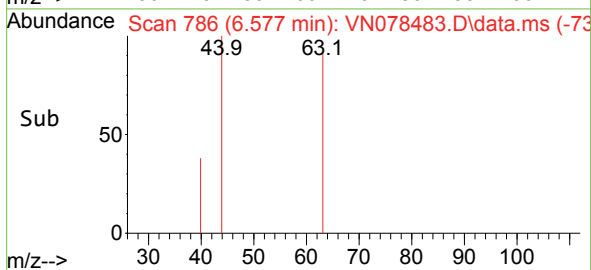
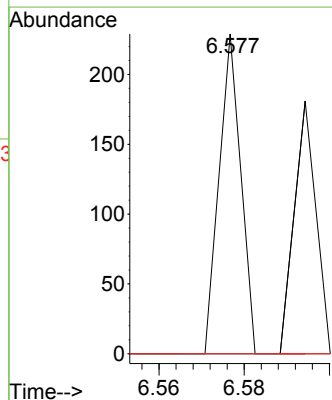
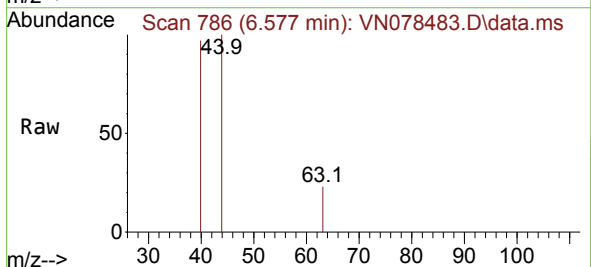
Instrument :
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 VSTDCCC050

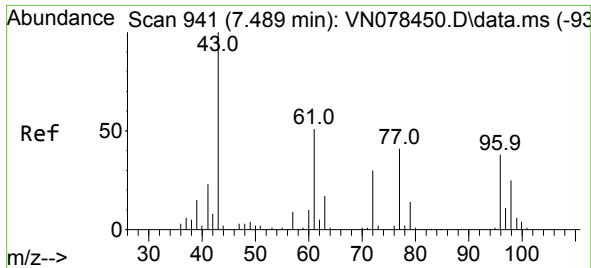
Tgt Ion: 43 Resp: 2185
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.009 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 63 Resp: 81
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

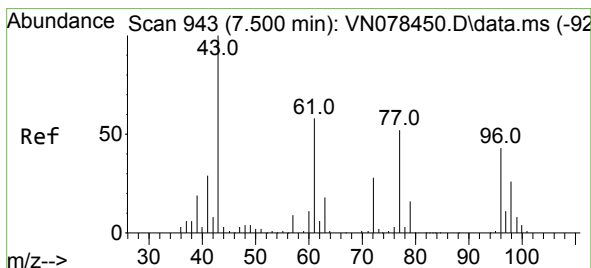
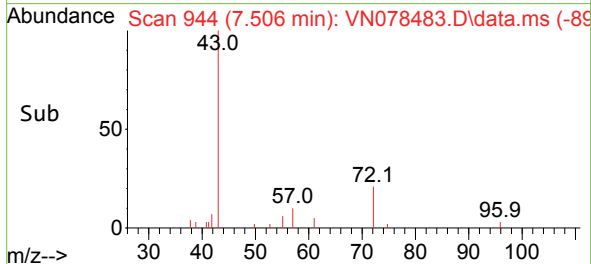
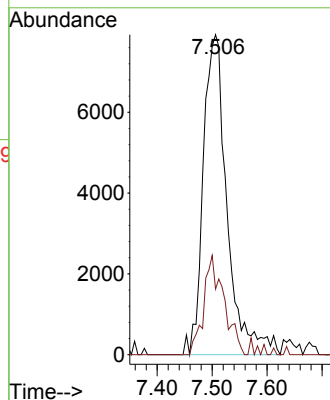
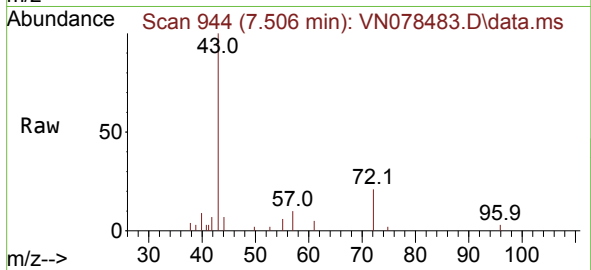




#25
2-Butanone
Concen: 8.594 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

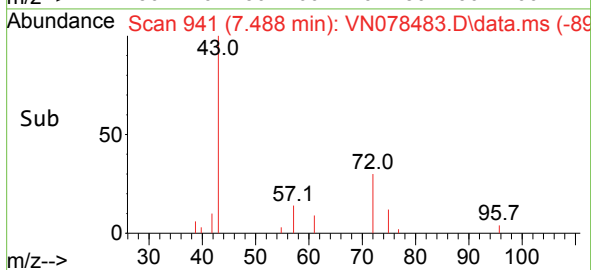
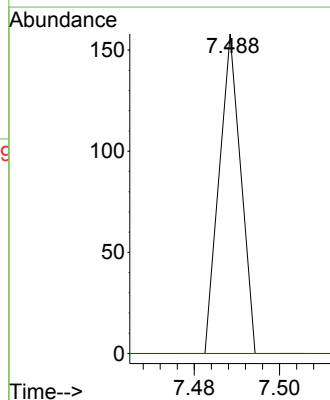
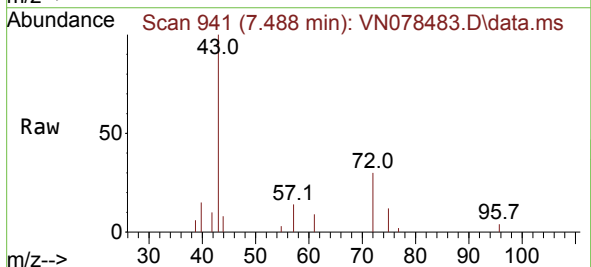
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

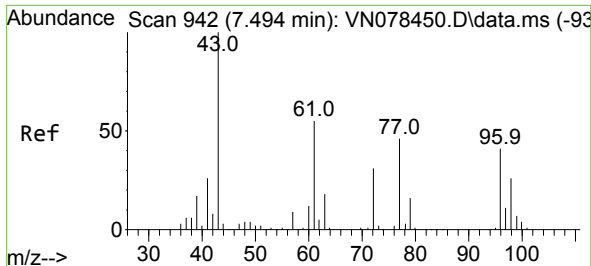
Tgt Ion: 43 Resp: 23847
Ion Ratio Lower Upper
43 100
72 20.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.007 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 0.135 ug/l

RT: 7.500 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

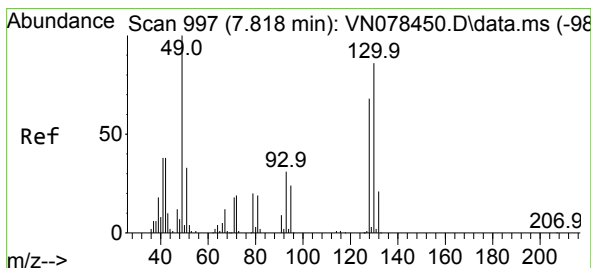
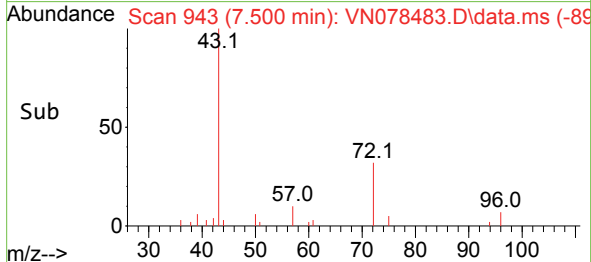
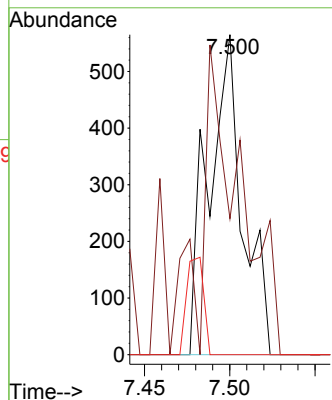
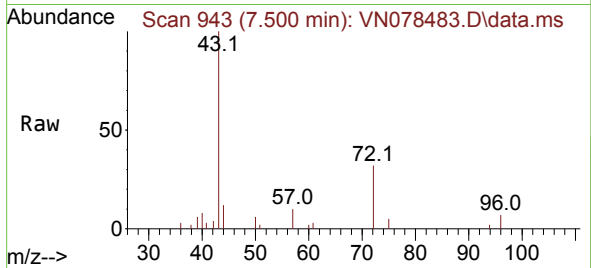
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 784

Ion	Ratio	Lower	Upper
96	100		
61	104.5	0.0	255.2
98	15.2	0.0	128.8



#28

Bromochloromethane

Concen: 0.088 ug/l

RT: 7.835 min Scan# 1000

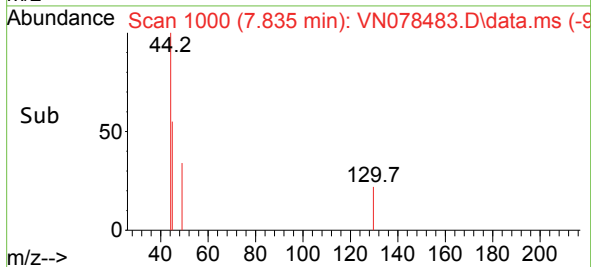
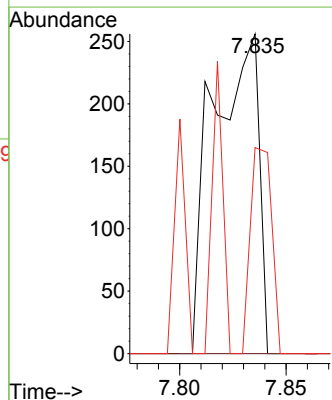
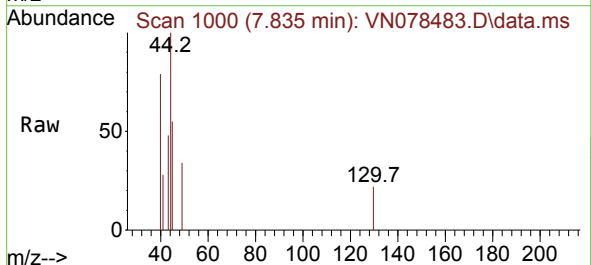
Delta R.T. 0.017 min

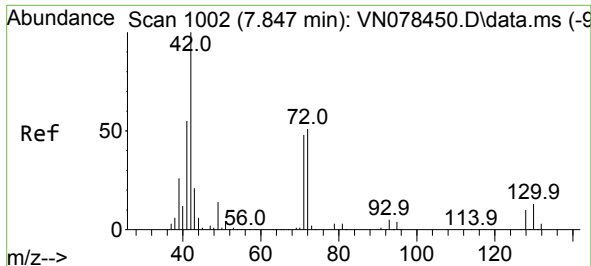
Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Tgt Ion: 49 Resp: 382

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	30.1	75.3	112.9#





#29

Tetrahydrofuran

Concen: 0.349 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

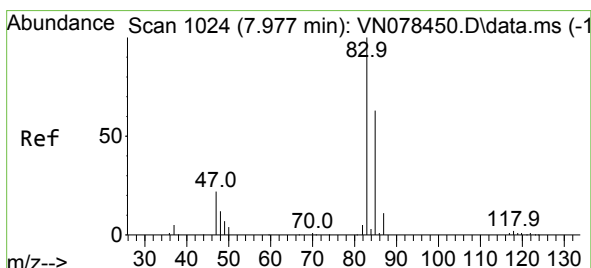
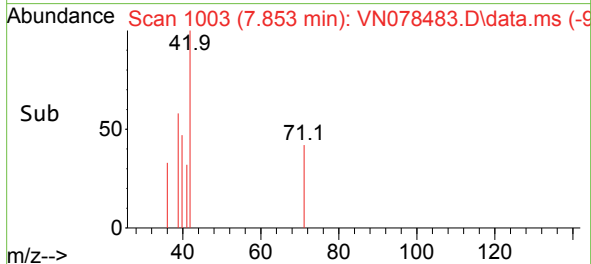
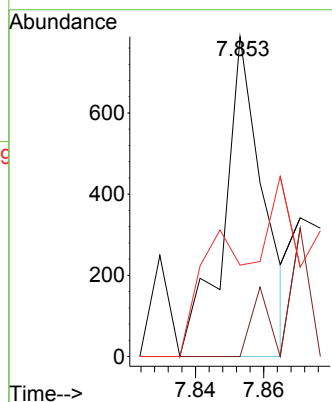
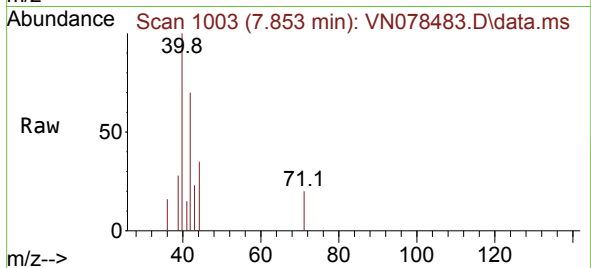
Tgt Ion: 42 Resp: 635

Ion Ratio Lower Upper

42 100

72 27.1 49.8 74.6#

71 109.4 47.4 71.2#



#30

Chloroform

Concen: 0.093 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.018 min

Lab File: VN078483.D

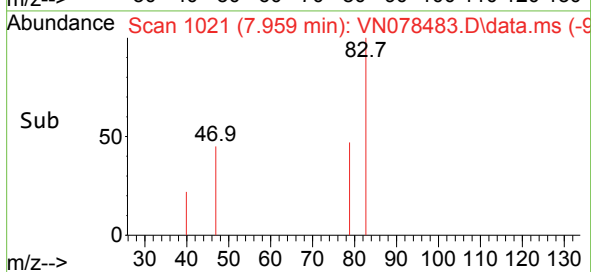
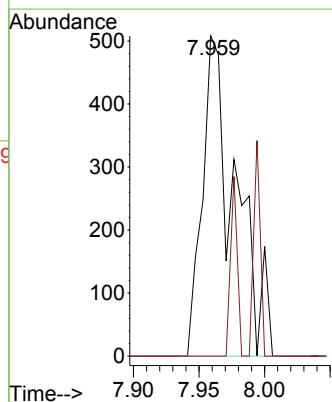
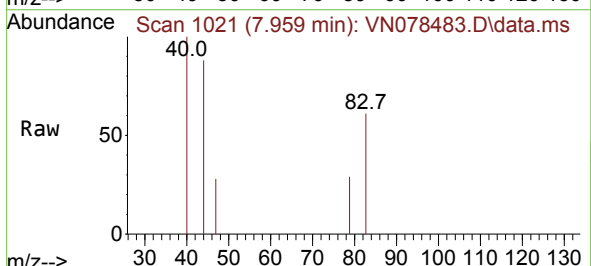
Acq: 12 Jul 2023 17:33

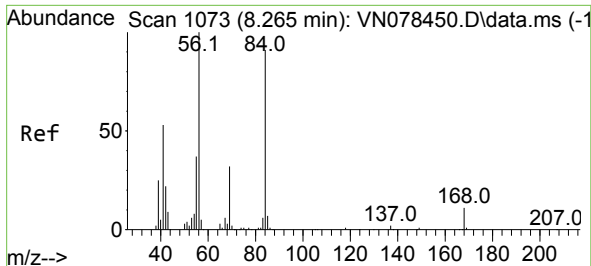
Tgt Ion: 83 Resp: 890

Ion Ratio Lower Upper

83 100

85 0.0 55.4 83.0#

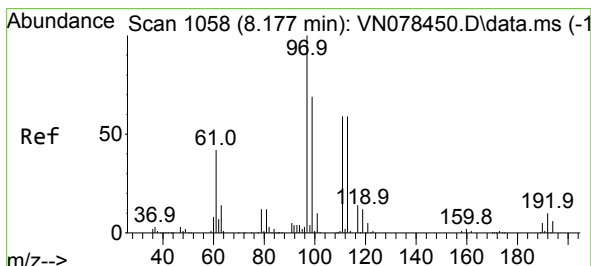
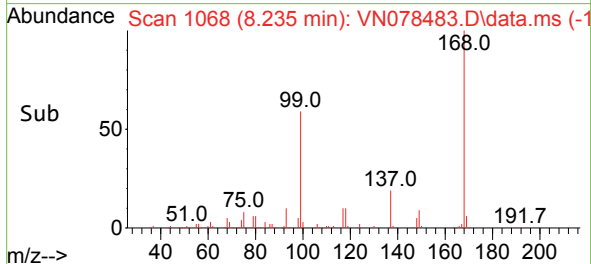
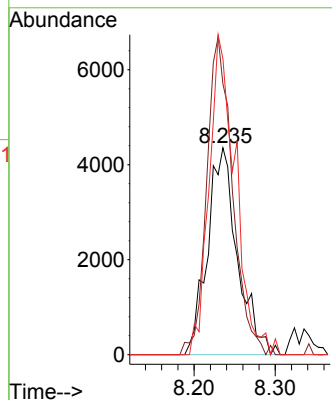
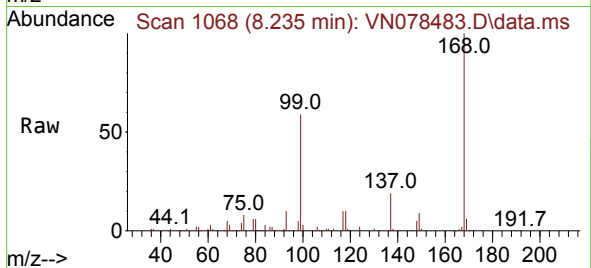




#31
Cyclohexane
Concen: 1.462 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

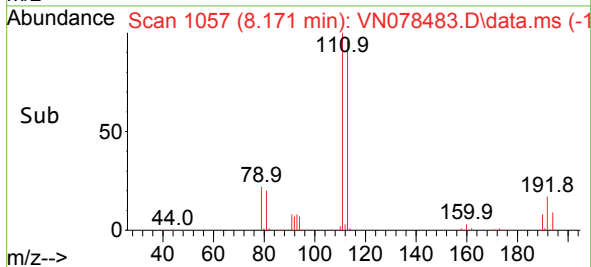
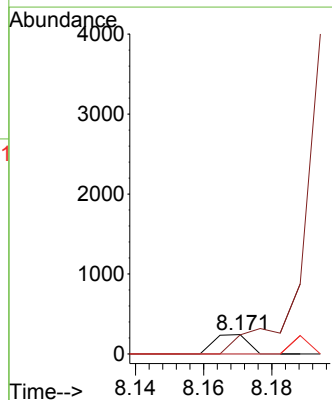
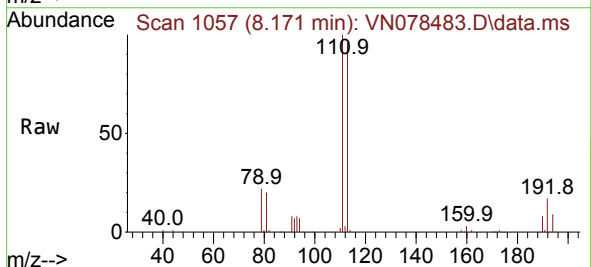
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

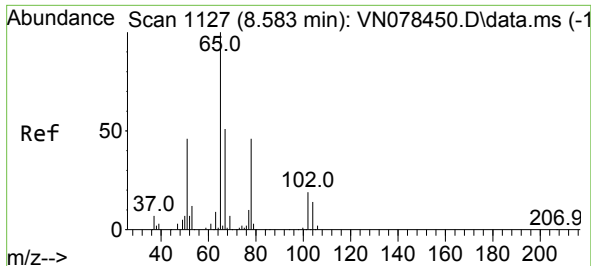
Tgt Ion: 56 Resp: 11180
Ion Ratio Lower Upper
56 100
69 130.9 26.8 40.2#
84 143.0 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.020 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 97 Resp: 168
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 48.223 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

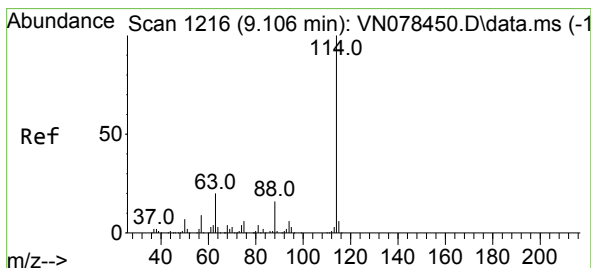
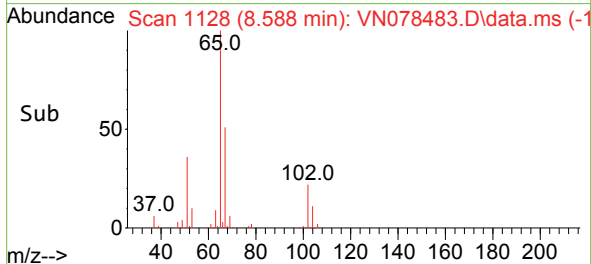
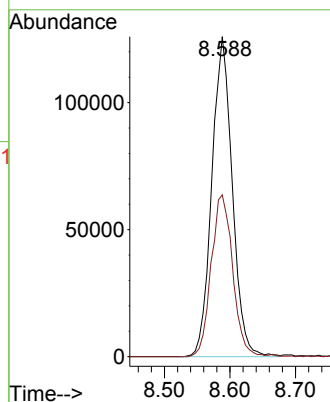
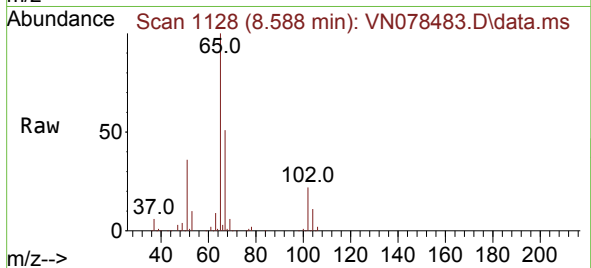
VSTDCCC050

Tgt Ion: 65 Resp: 272878

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

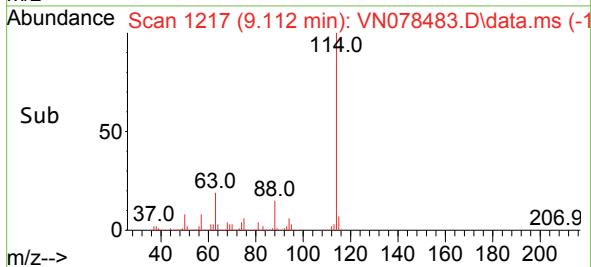
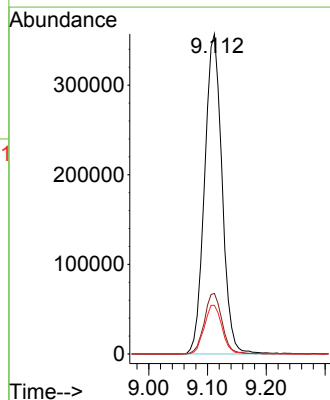
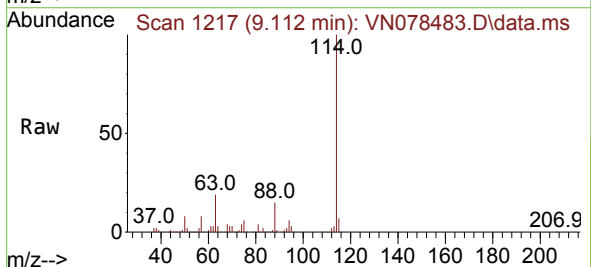
Tgt Ion: 114 Resp: 734287

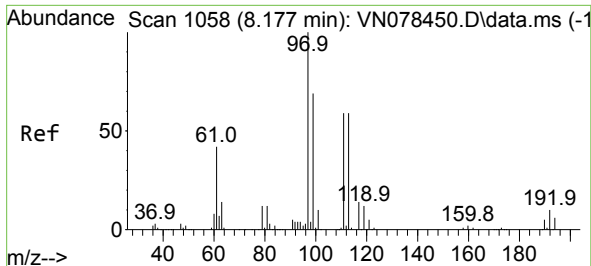
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

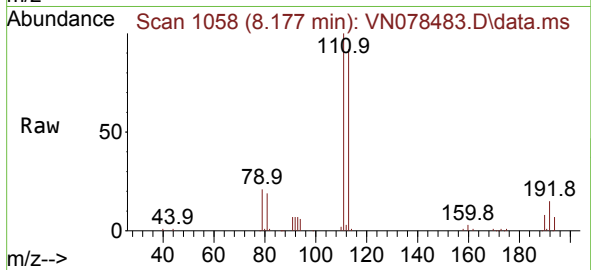
88 15.2 0.0 30.6



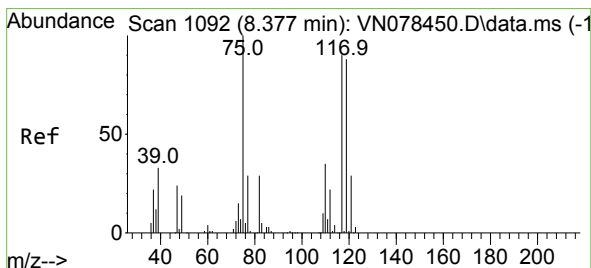
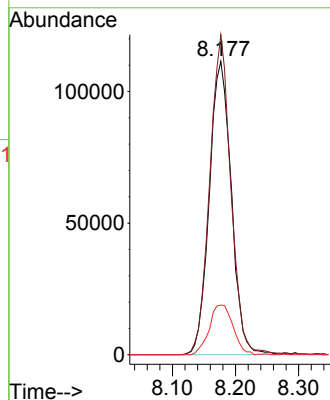
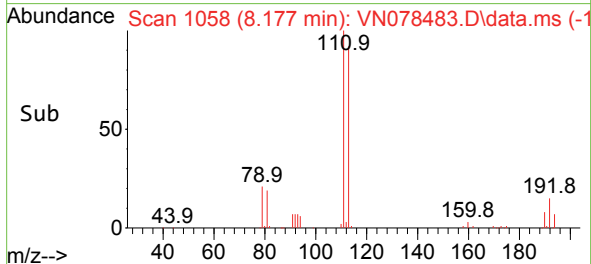


#35
Dibromofluoromethane
Concen: 54.118 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

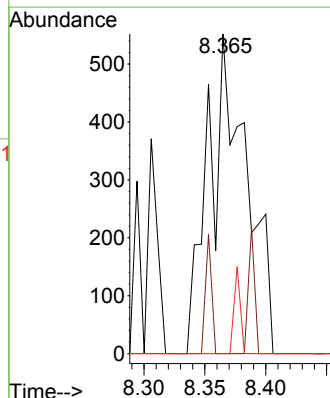
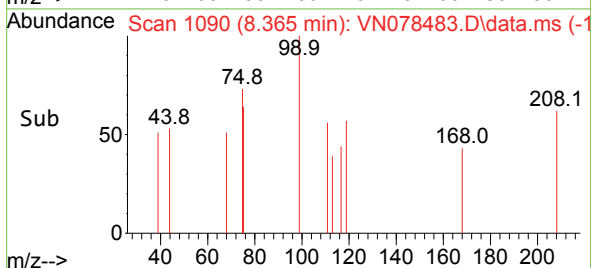
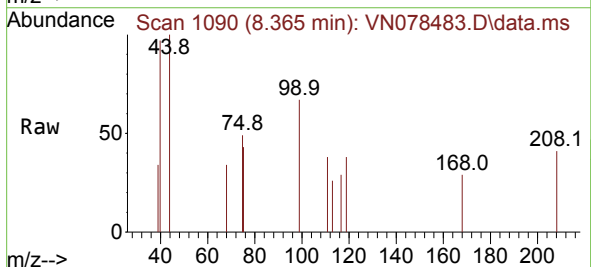


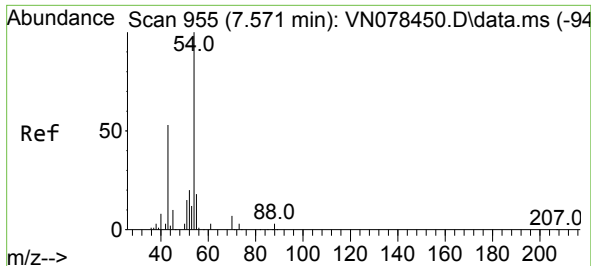
Tgt Ion:113 Resp: 269756
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.167 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 75 Resp: 1199
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 3.975 ug/l

RT: 7.506 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN078483.D

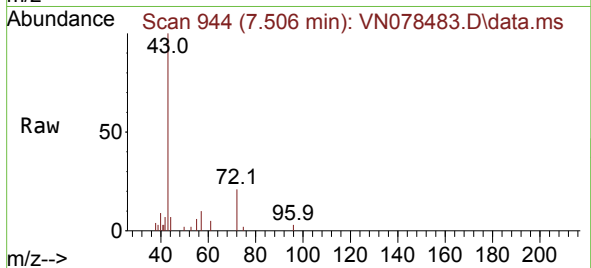
Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



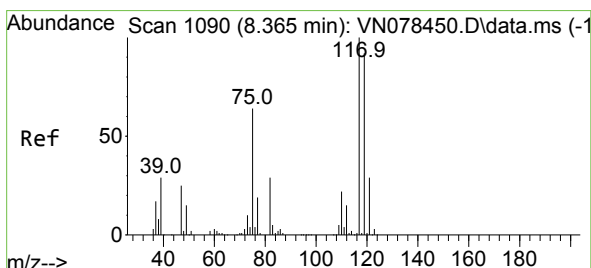
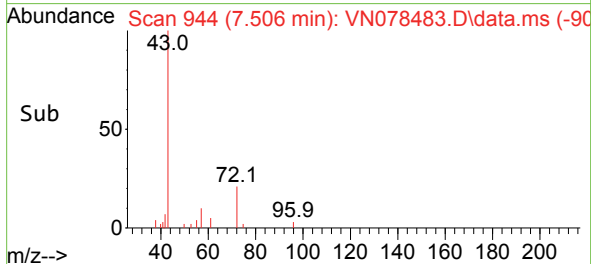
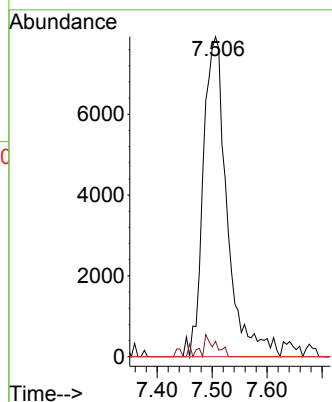
Tgt Ion: 43 Resp: 23847

Ion Ratio Lower Upper

43 100

61 3.4 13.2 19.8#

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

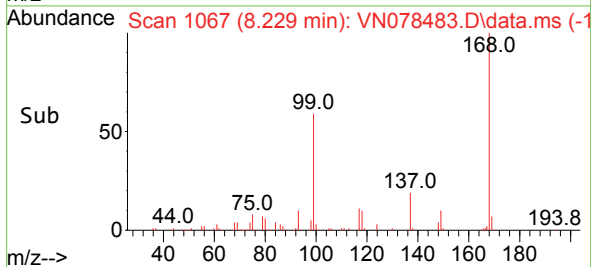
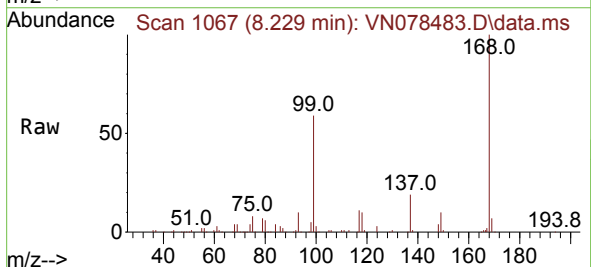
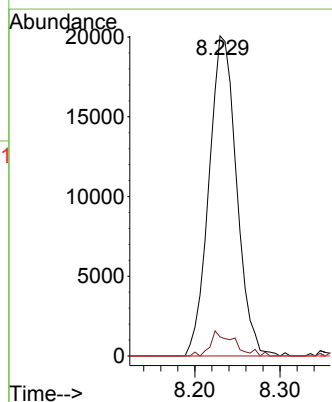
Tgt Ion: 117 Resp: 45186

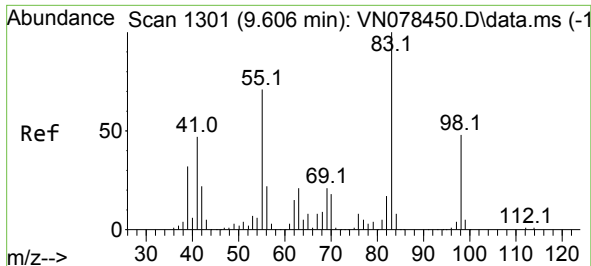
Ion Ratio Lower Upper

117 100

119 6.0 77.3 115.9#

121 0.0 23.3 34.9#

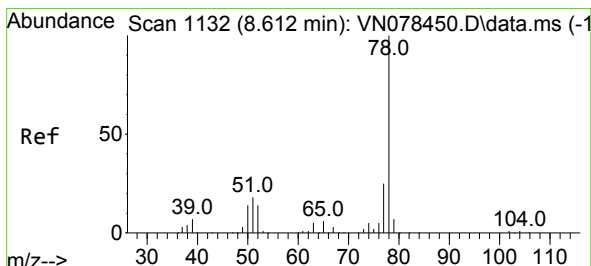
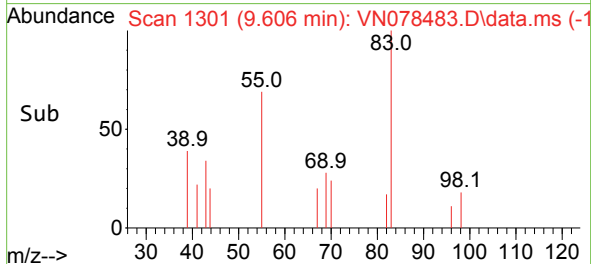
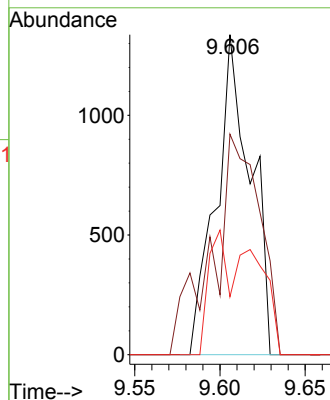
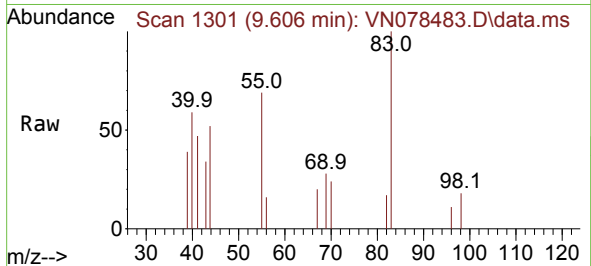




#39
Methylcyclohexane
Concen: 0.286 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

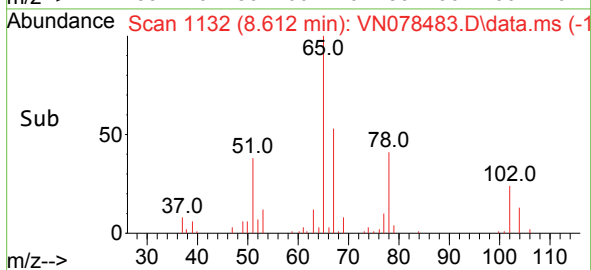
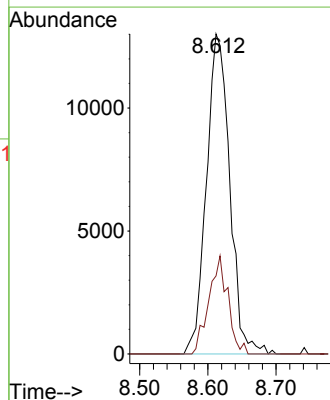
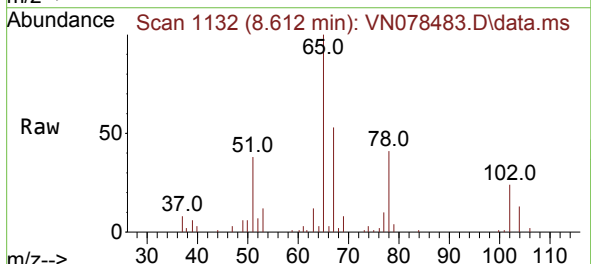
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

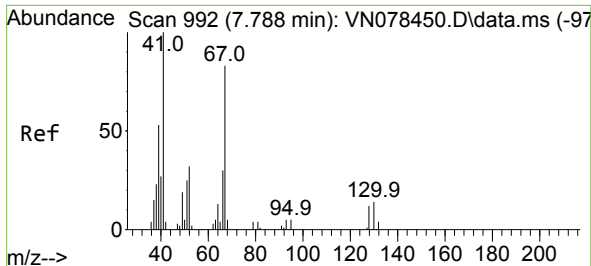
Tgt Ion: 83 Resp: 1880
Ion Ratio Lower Upper
83 100
55 68.9 49.1 73.7
98 18.1 40.6 61.0#



#40
Benzene
Concen: 1.453 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 78 Resp: 30983
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

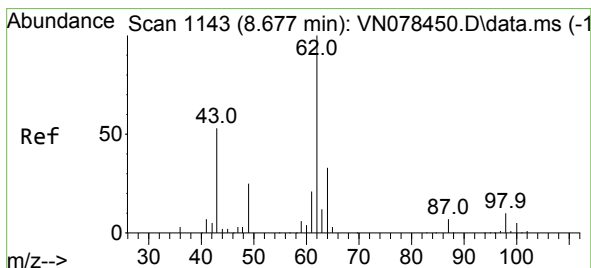
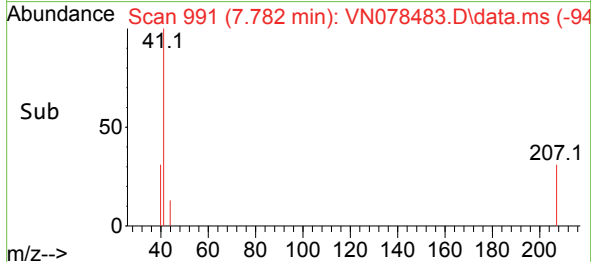
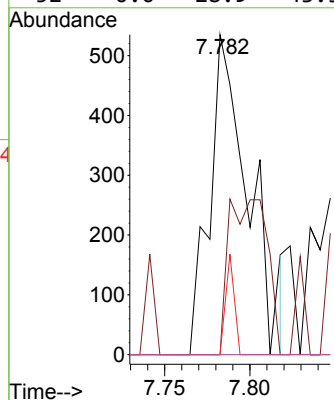
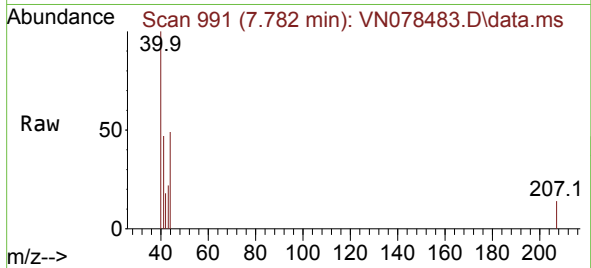




#41
Methacrylonitrile
Concen: 0.280 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

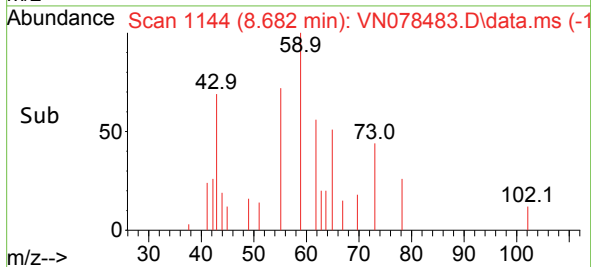
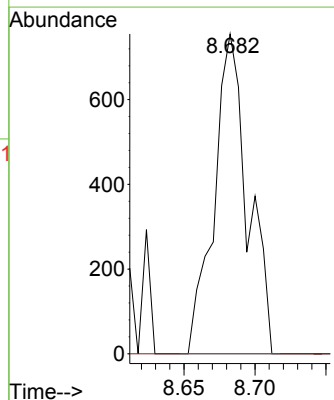
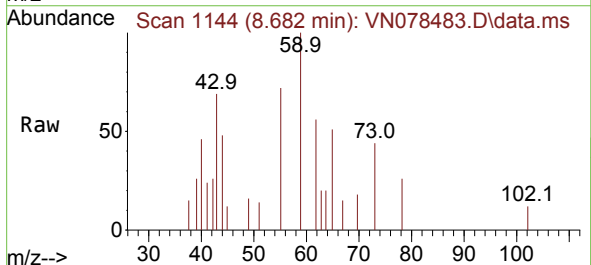
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

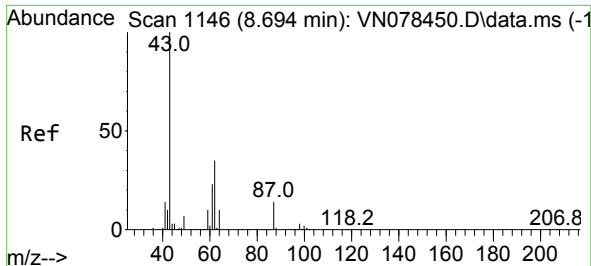
Tgt Ion:	41	Resp:	857
Ion	Ratio	Lower	Upper
41	100		
39	48.0	42.6	64.0
67	6.9	77.5	116.3#
52	0.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.171 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:	62	Resp:	1243
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

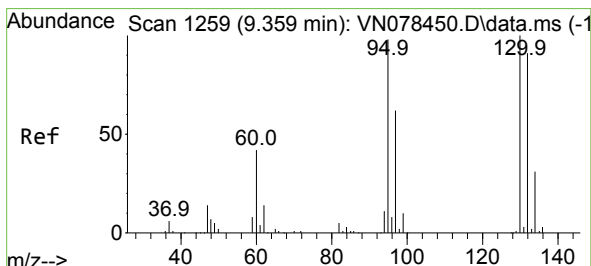
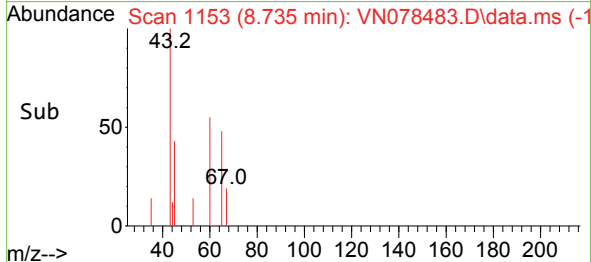
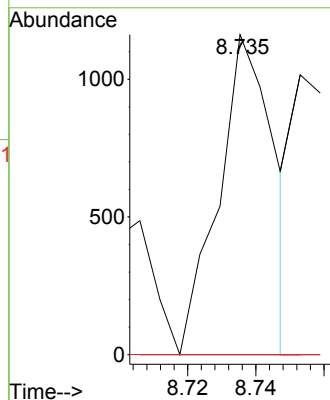
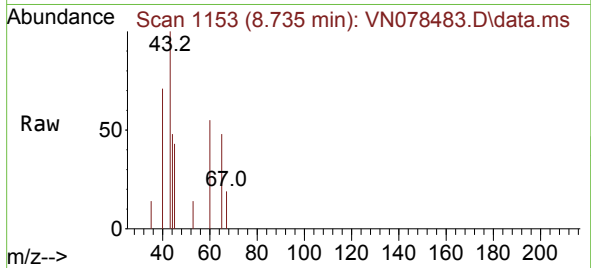




#43
Isopropyl Acetate
Concen: 0.132 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

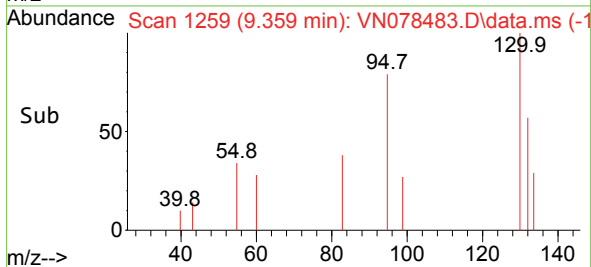
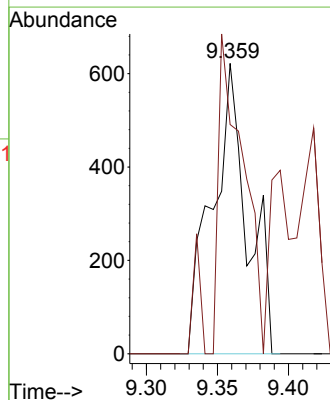
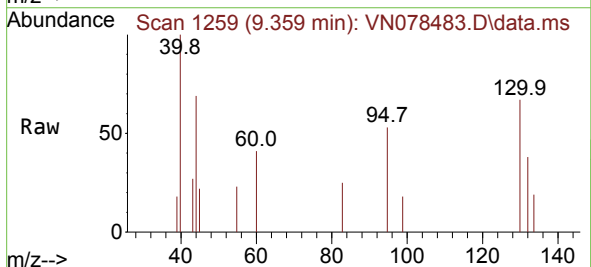
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

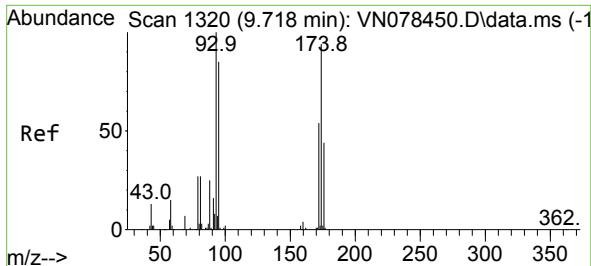
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.186 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:130 Resp: 1067
Ion Ratio Lower Upper
130 100
95 78.9 0.0 204.6

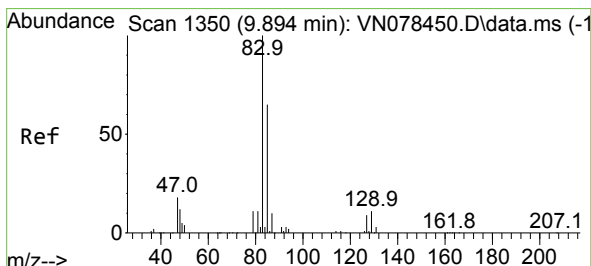
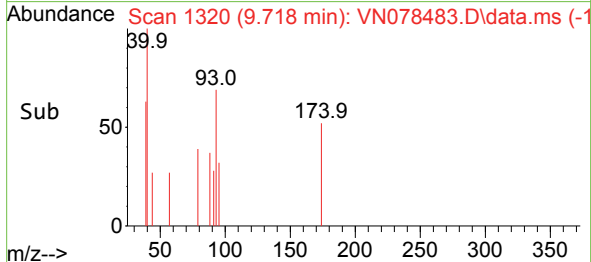
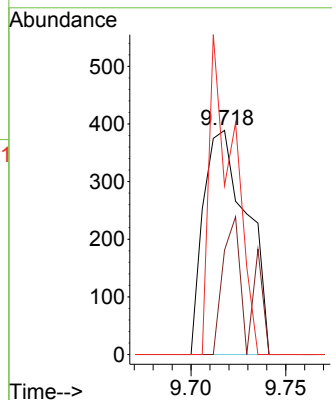
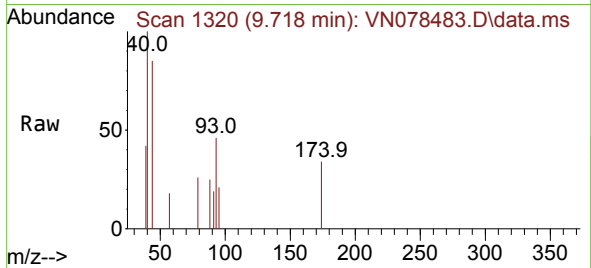




#46
Dibromomethane
Concen: 0.163 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

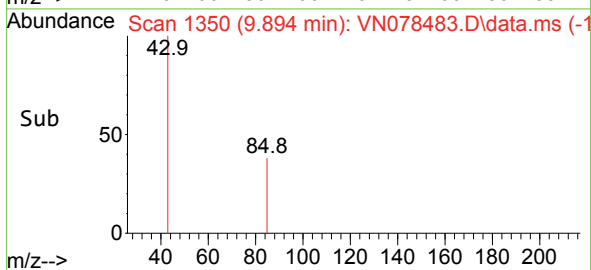
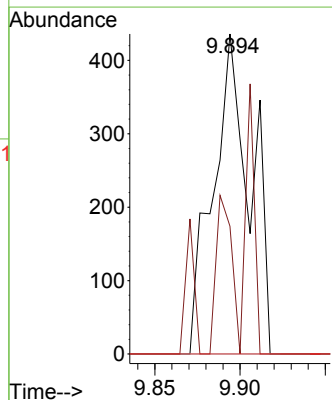
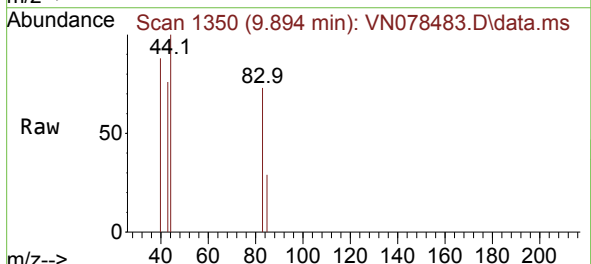
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

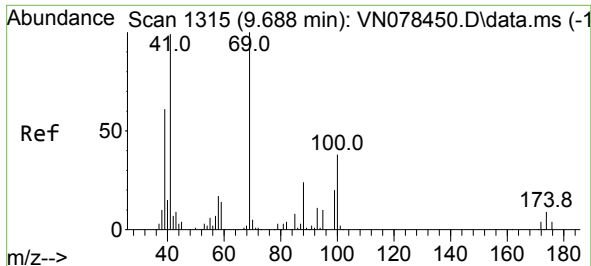
Tgt Ion: 93 Resp: 619
Ion Ratio Lower Upper
93 100
95 34.4 63.8 95.8#
174 80.0 65.6 98.4



#47
Bromodichloromethane
Concen: 0.087 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 83 Resp: 666
Ion Ratio Lower Upper
83 100
85 39.9 49.6 74.4#
127 0.0 7.0 10.6#

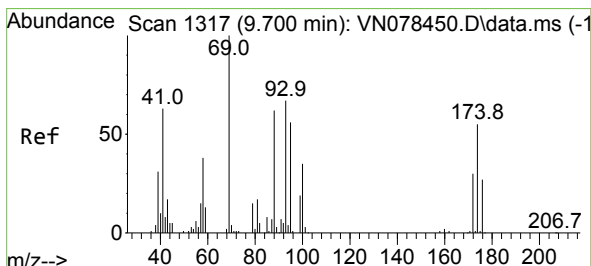
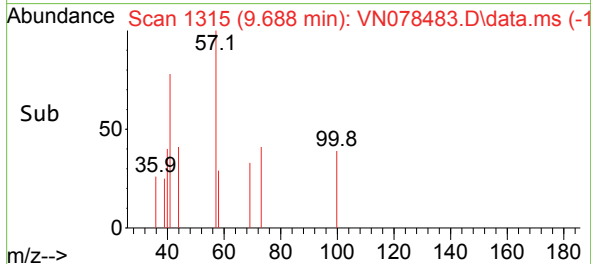
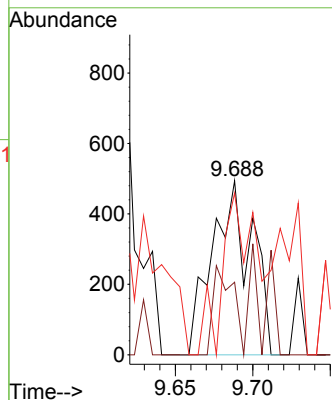
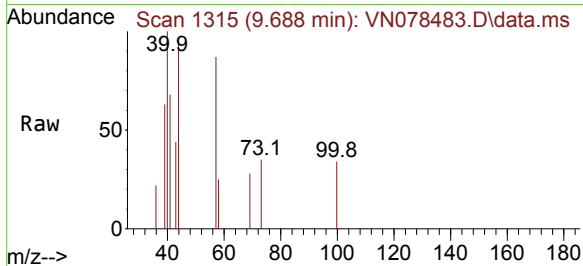




#48
Methyl methacrylate
Concen: 0.193 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

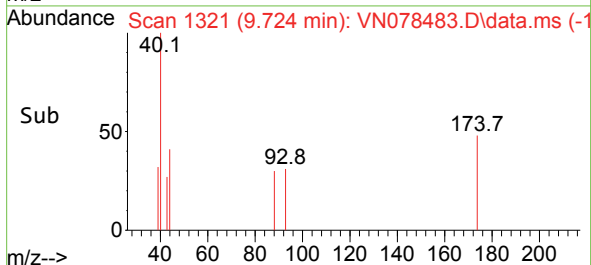
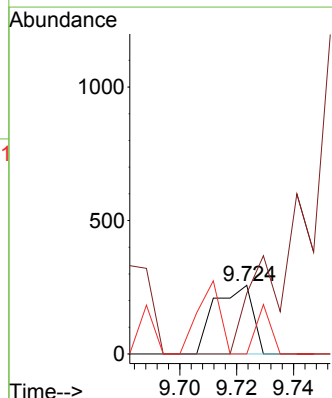
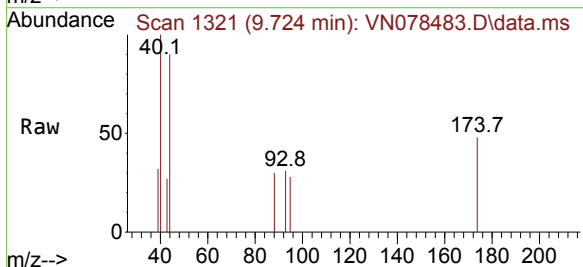
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

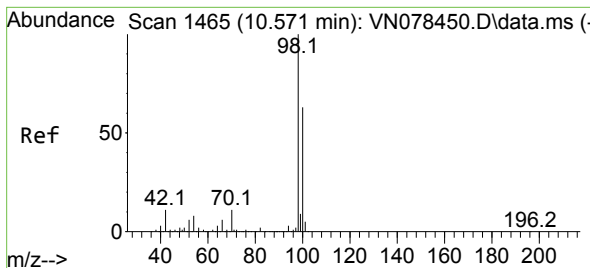
Tgt Ion: 41 Resp: 881
Ion Ratio Lower Upper
41 100
69 24.5 90.4 135.6#
39 84.6 54.6 81.8#



#49
1,4-Dioxane
Concen: 2.385 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.024 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 27.3 47.0 70.4#

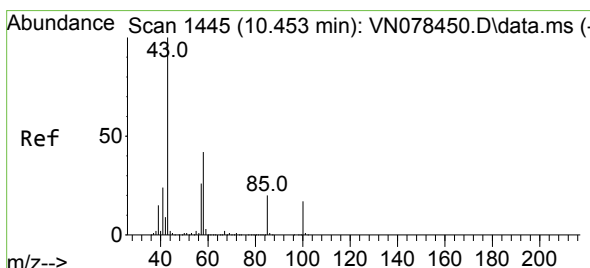
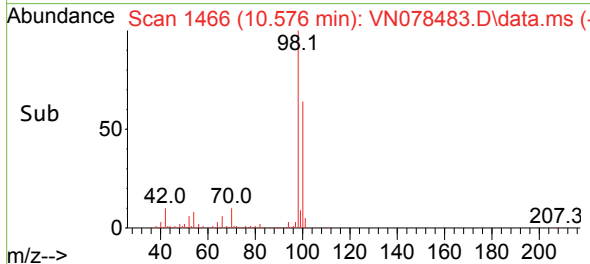
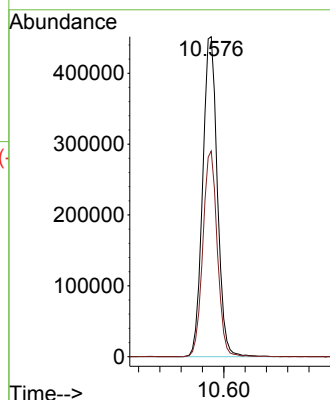
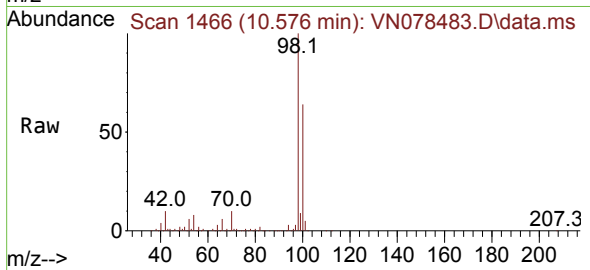




#50
Toluene-d8
Concen: 45.828 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

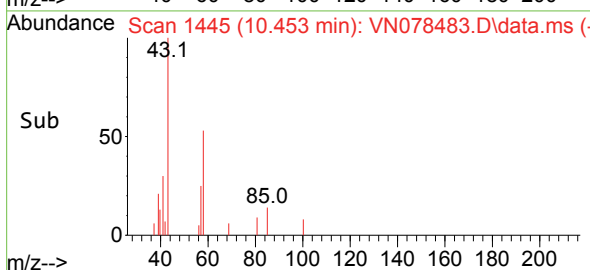
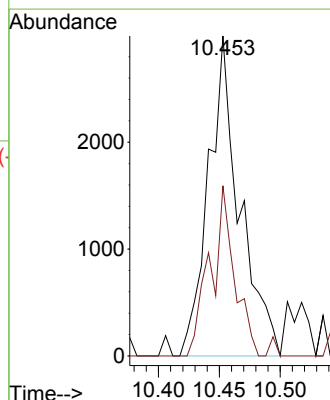
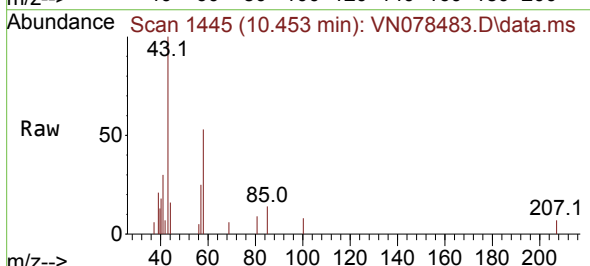
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

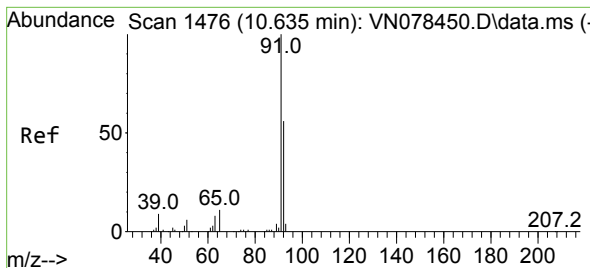
Tgt Ion: 98 Resp: 862947
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.909 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 43 Resp: 5340
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8





#52

Toluene

Concen: 4.982 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

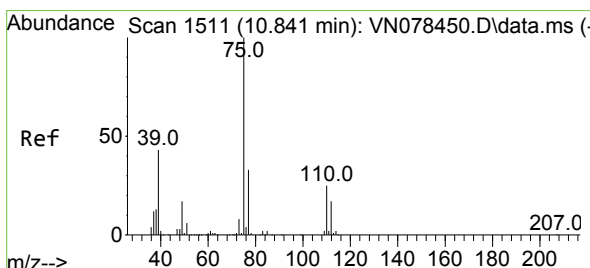
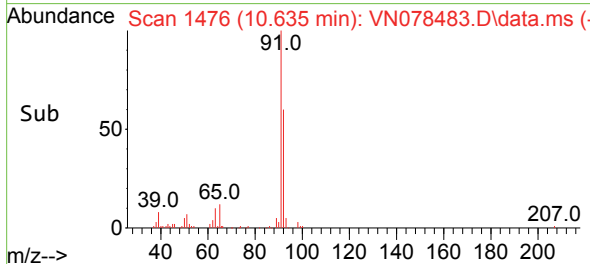
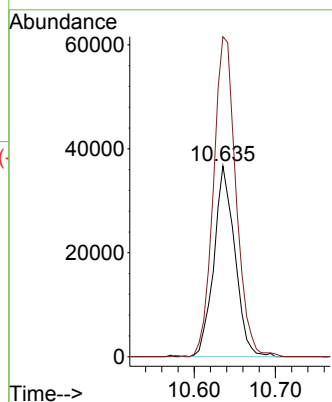
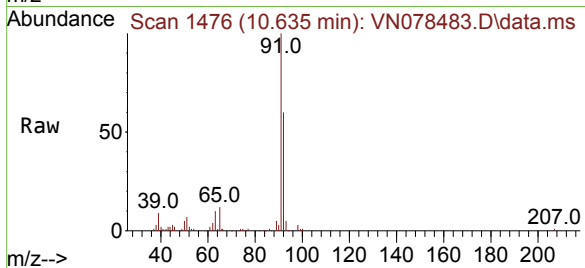
VSTDCCC050

Tgt Ion: 92 Resp: 65844

Ion Ratio Lower Upper

92 100

91 180.8 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.088 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078483.D

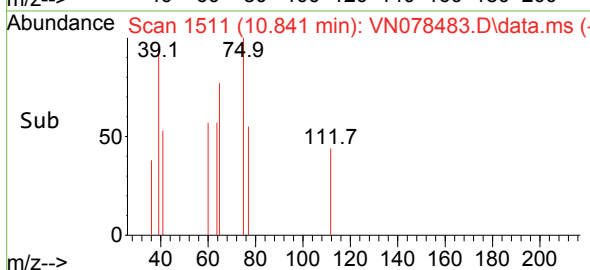
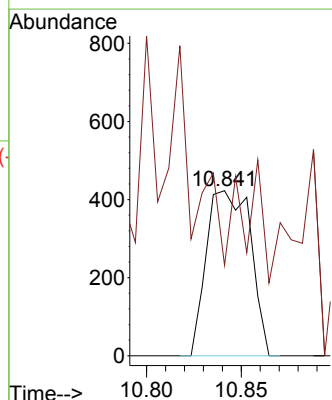
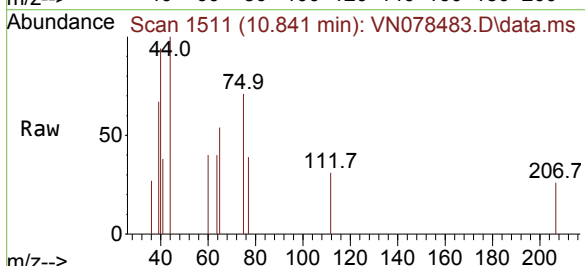
Acq: 12 Jul 2023 17:33

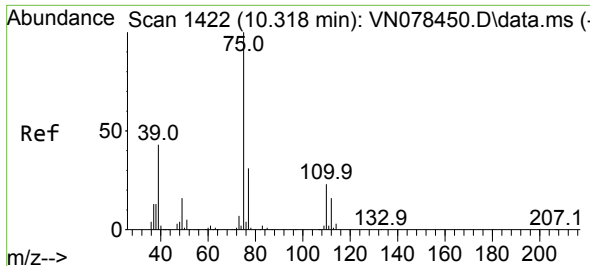
Tgt Ion: 75 Resp: 686

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

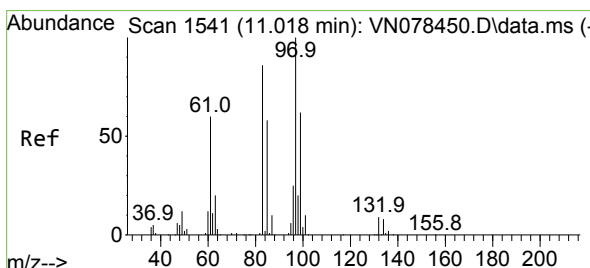
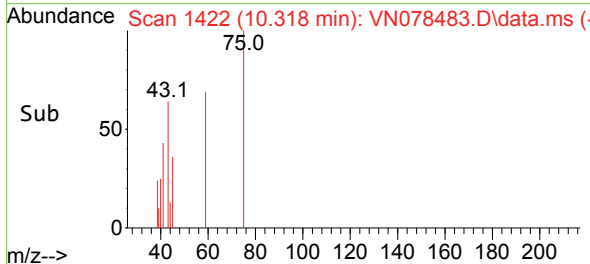
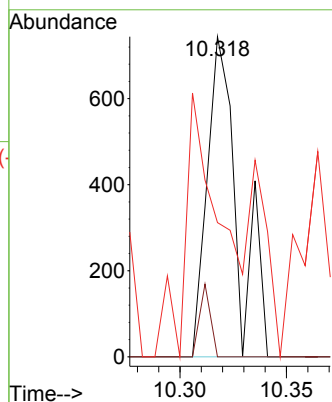
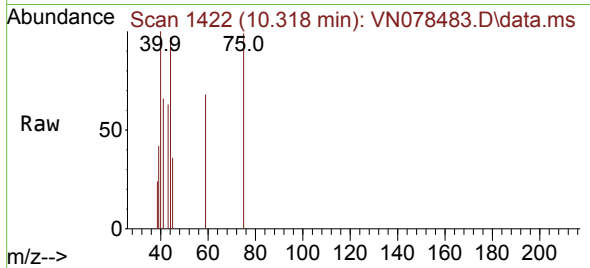




#54
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

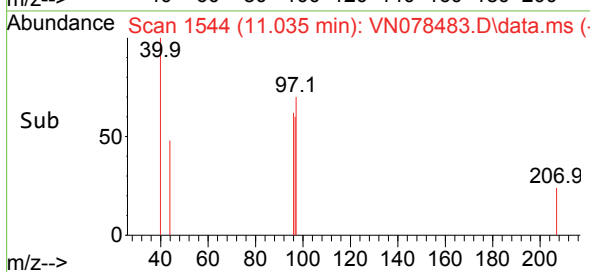
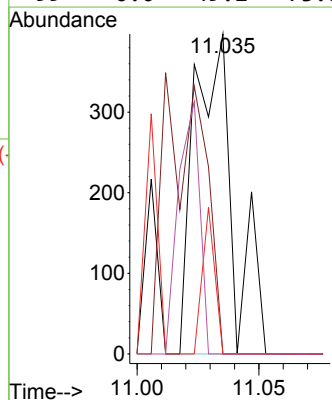
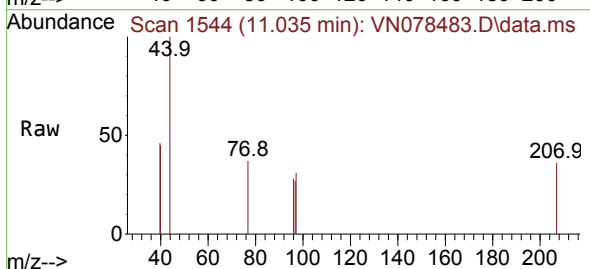
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

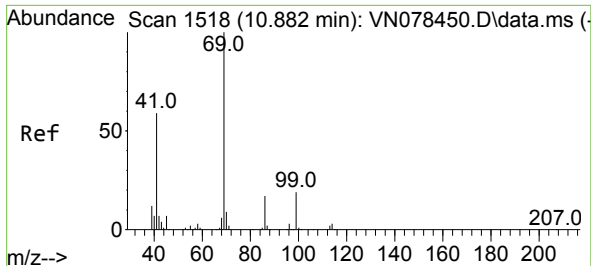
Tgt Ion: 75 Resp: 736
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 41.9 31.6 47.4



#55
 1,1,2-Trichloroethane
 Concen: 0.085 ug/l
 RT: 11.035 min Scan# 1544
 Delta R.T. 0.017 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 97 Resp: 441
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 0.0 49.2 73.8#

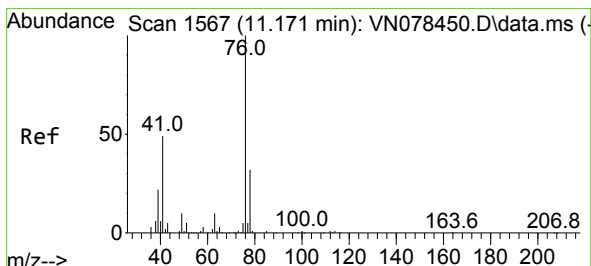
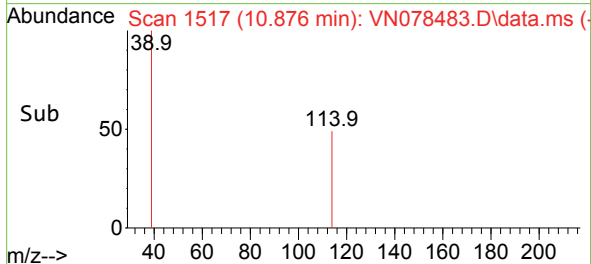
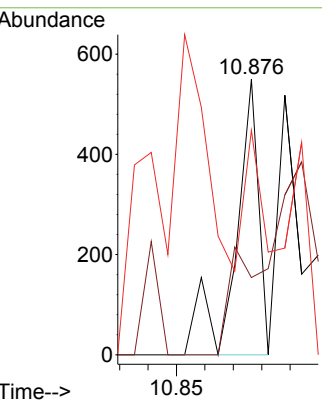
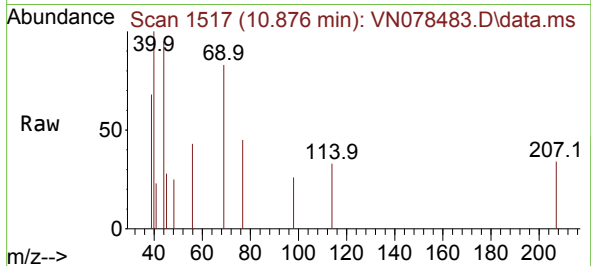




#56
Ethyl methacrylate
Concen: 0.043 ug/l
RT: 10.876 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

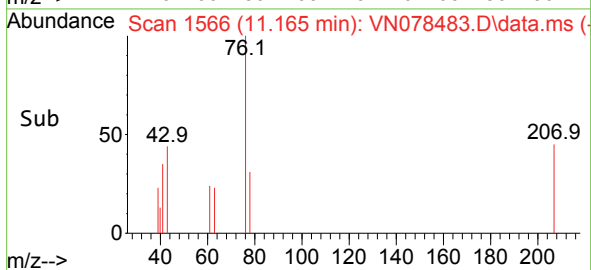
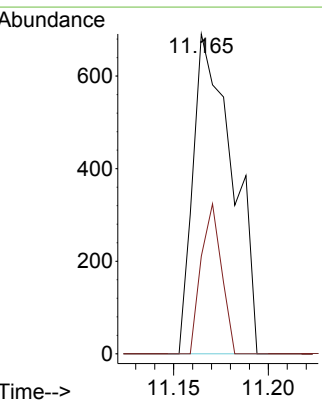
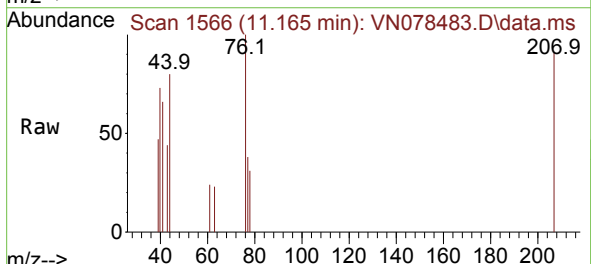
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

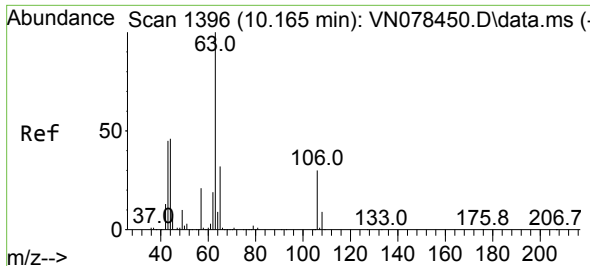
Tgt Ion: 69 Resp: 311
Ion Ratio Lower Upper
69 100
41 194.5 39.6 59.4#
39 146.3 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 0.113 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 76 Resp: 1000
Ion Ratio Lower Upper
76 100
78 24.3 26.1 39.1#

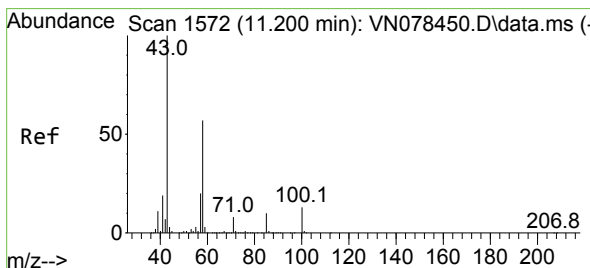
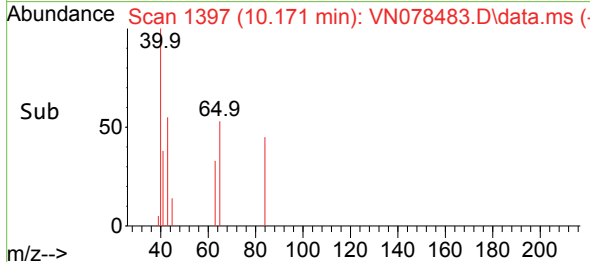
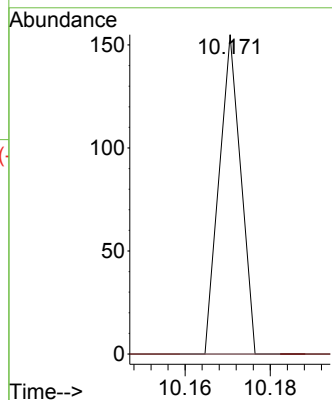
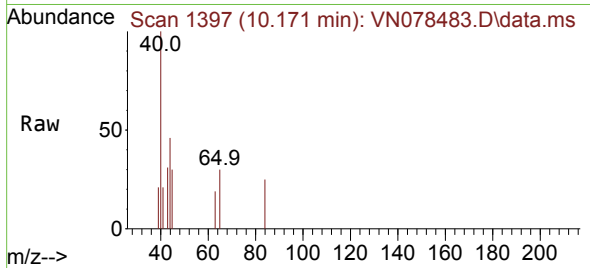




#58
2-Chloroethyl Vinyl ether
Concen: 0.021 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

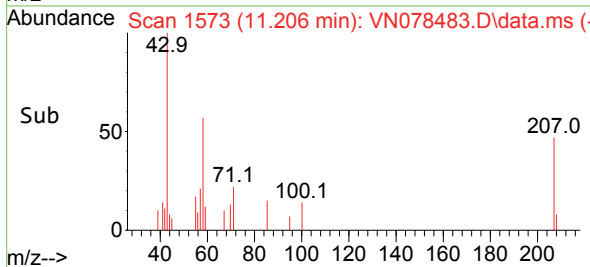
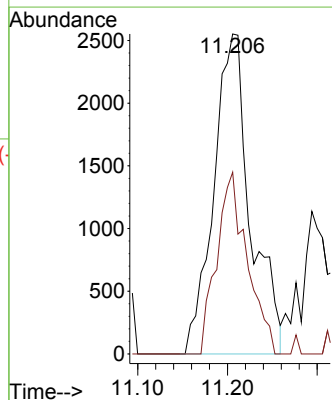
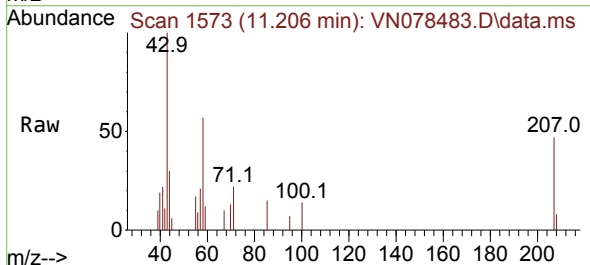
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

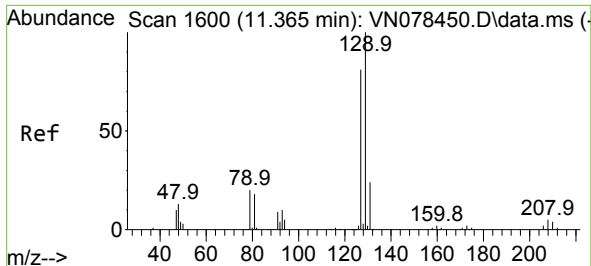
Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.743 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 43 Resp: 7278
Ion Ratio Lower Upper
43 100
58 46.8 31.7 95.1

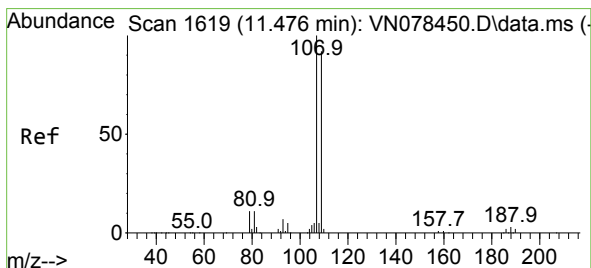
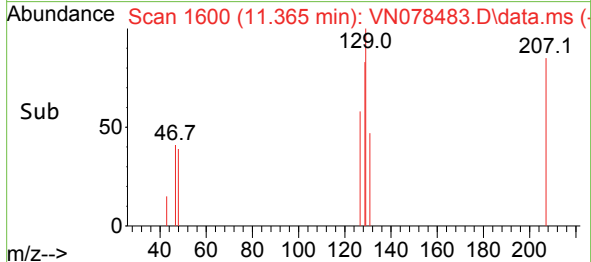
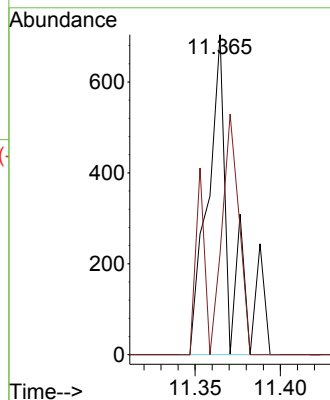
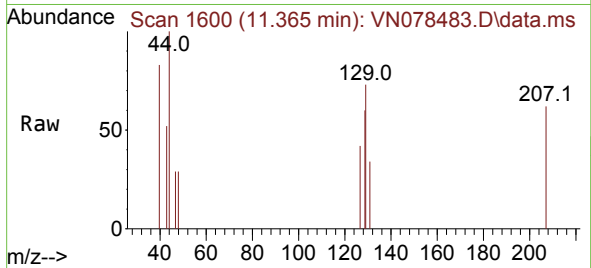




#60
Dibromochloromethane
Concen: 0.115 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

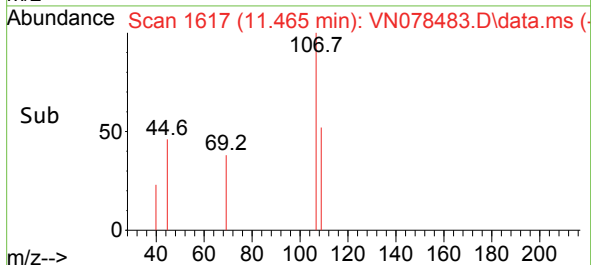
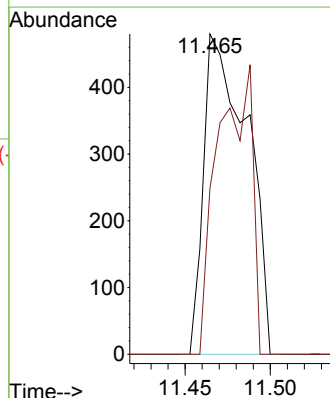
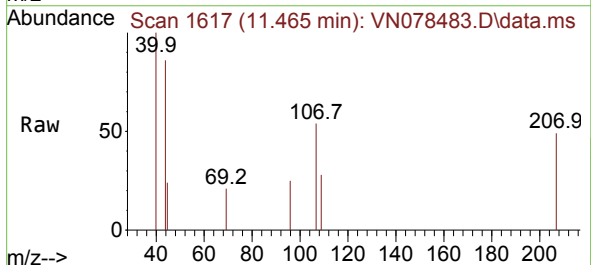
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

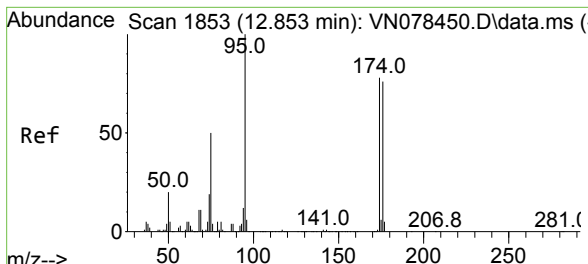
Tgt Ion:129 Resp: 661
Ion Ratio Lower Upper
129 100
127 55.1 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.158 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.011 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:107 Resp: 848
Ion Ratio Lower Upper
107 100
109 0.0 76.6 114.8#

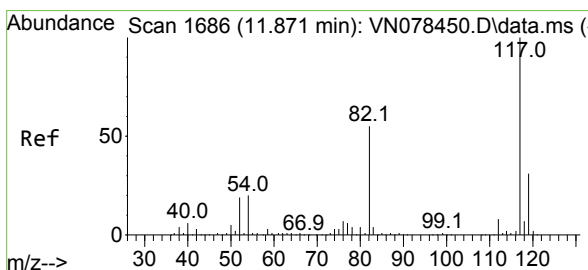
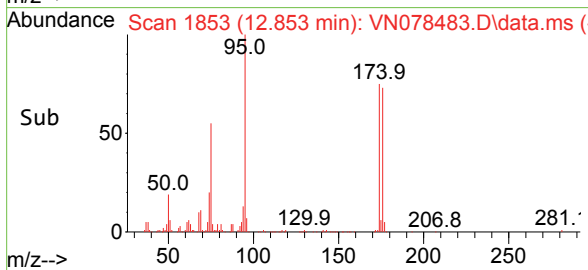
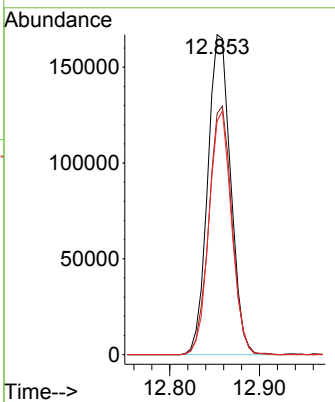
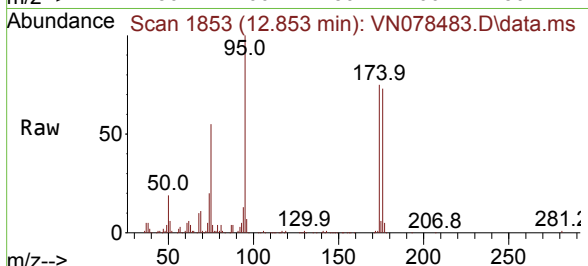




#62
 4-Bromofluorobenzene
 Concen: 51.122 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

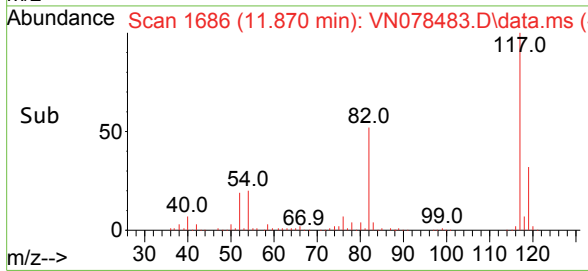
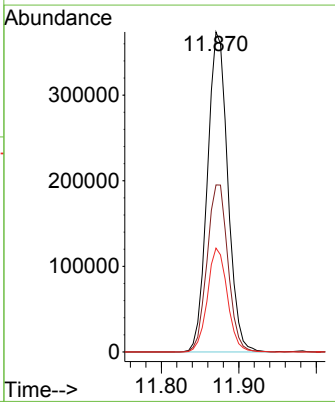
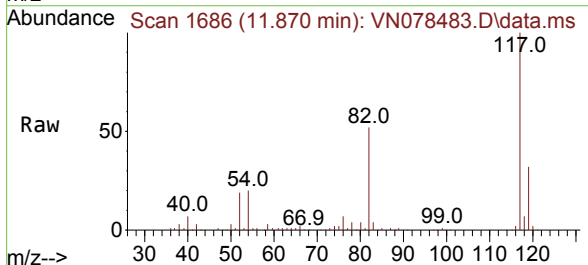
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

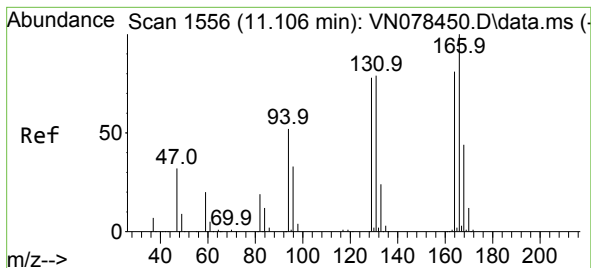
Tgt Ion:	95	Resp:	296510
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	143.8
176	74.7	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion:	117	Resp:	683093
Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.0	66.0
119	32.5	25.6	38.4





#64

Tetrachloroethene

Concen: 0.231 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078483.D

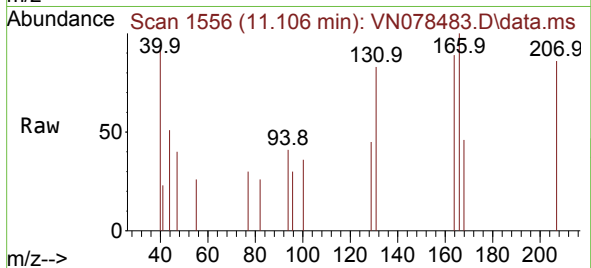
Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:164 Resp: 1188

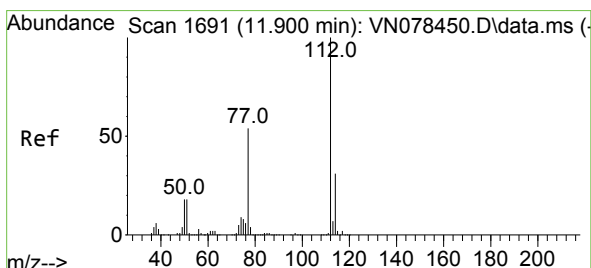
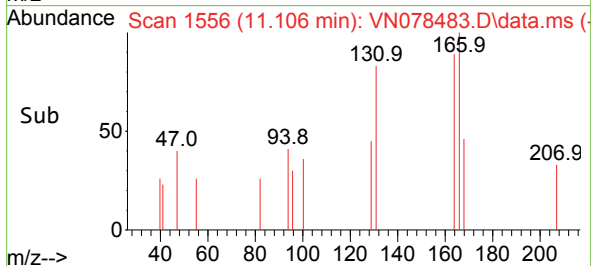
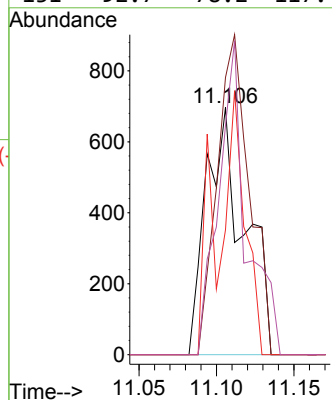
Ion Ratio Lower Upper

164 100

166 112.1 101.4 152.0

129 50.5 82.4 123.6#

131 92.7 78.2 117.4



#65

Chlorobenzene

Concen: 0.203 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.006 min

Lab File: VN078483.D

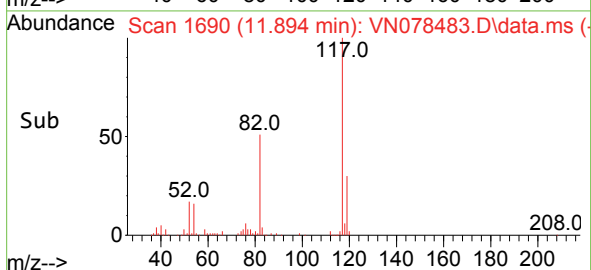
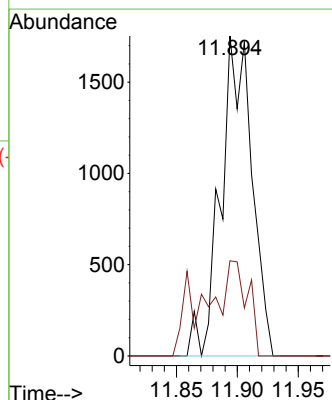
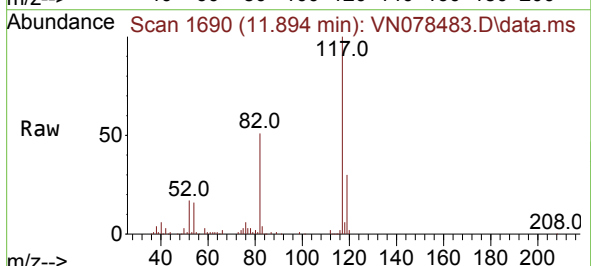
Acq: 12 Jul 2023 17:33

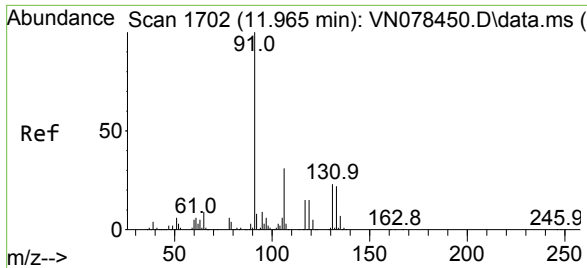
Tgt Ion:112 Resp: 3103

Ion Ratio Lower Upper

112 100

114 29.7 25.0 37.4

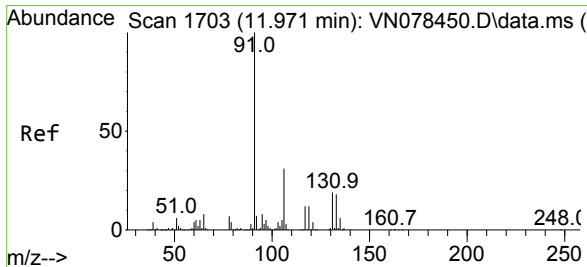
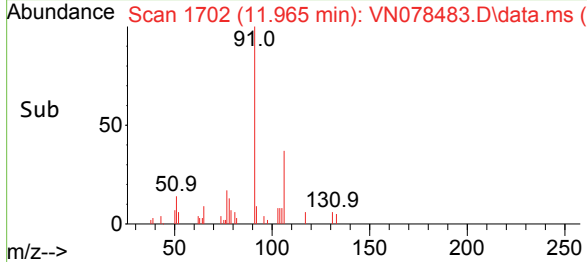
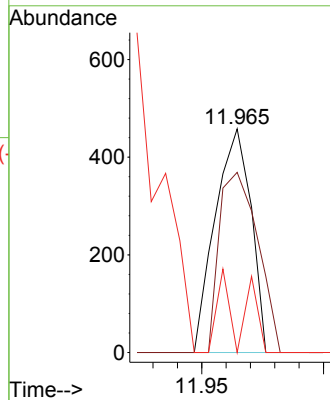
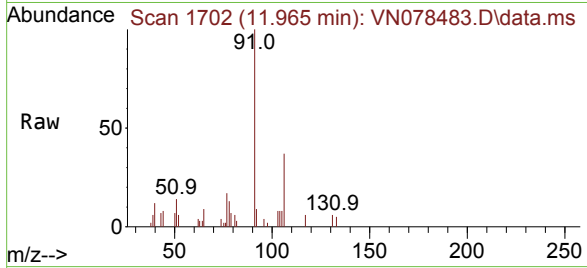




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.080 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

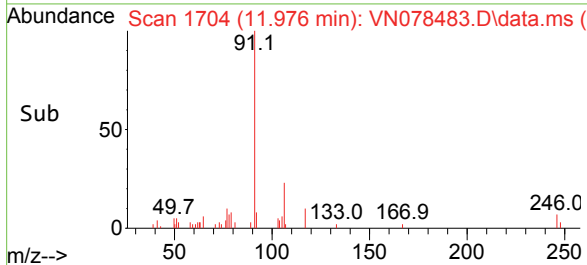
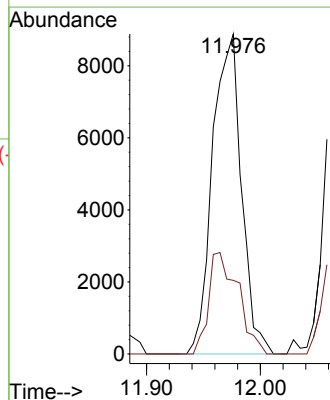
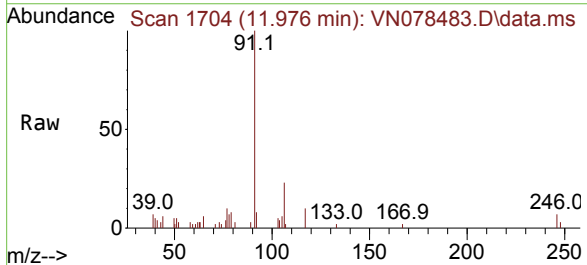
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

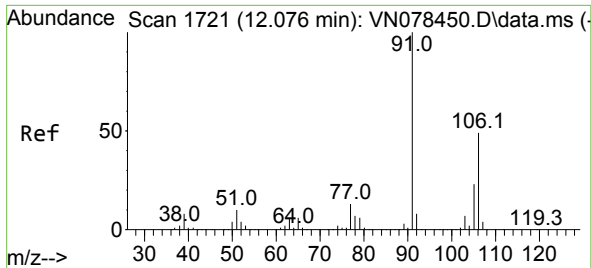
Tgt Ion:131 Resp: 468
 Ion Ratio Lower Upper
 131 100
 133 86.8 46.4 139.1
 119 0.0 34.1 102.2#



#67
 Ethyl Benzene
 Concen: 0.608 ug/l
 RT: 11.976 min Scan# 1704
 Delta R.T. 0.005 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 91 Resp: 15701
 Ion Ratio Lower Upper
 91 100
 106 23.0 25.6 38.4#

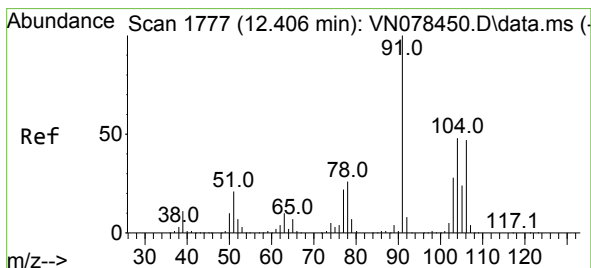
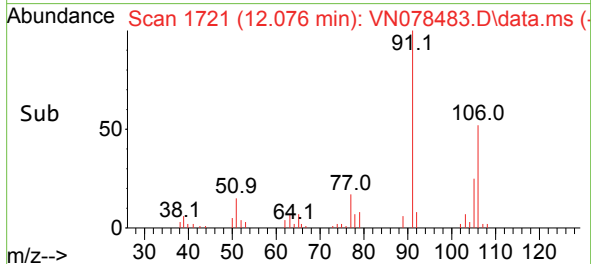
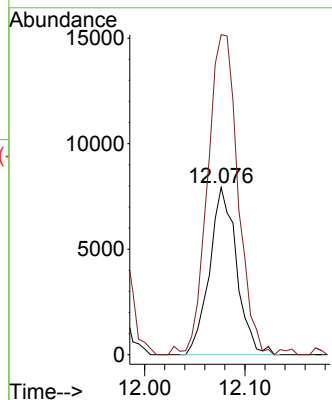
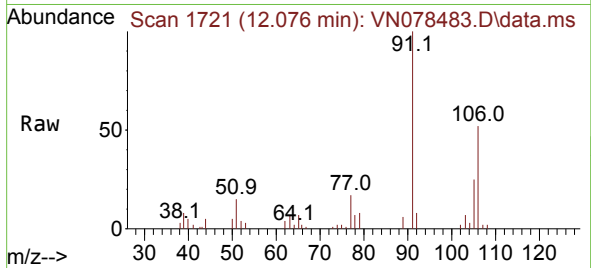




#68
m/p-Xylenes
Concen: 1.555 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

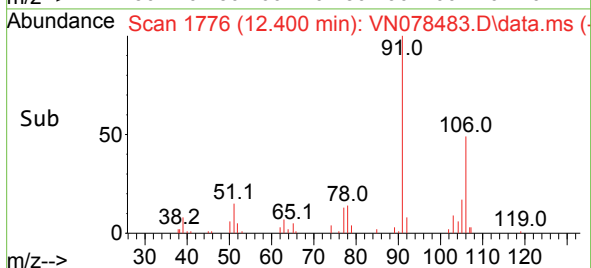
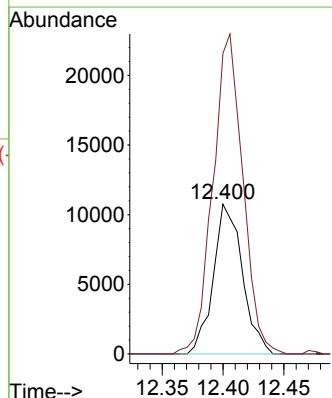
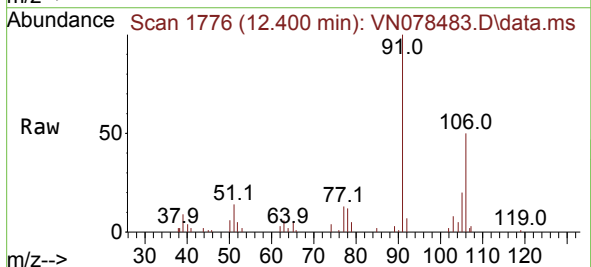
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

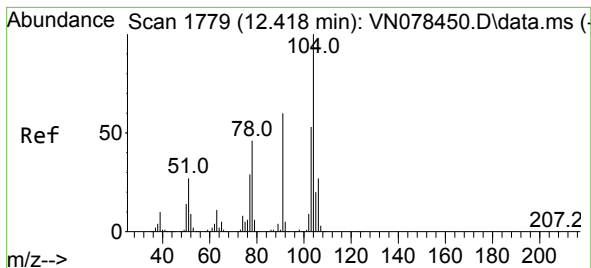
Tgt Ion:106 Resp: 14840
Ion Ratio Lower Upper
106 100
91 215.1 159.6 239.4



#69
o-Xylene
Concen: 1.852 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:106 Resp: 17853
Ion Ratio Lower Upper
106 100
91 220.0 105.2 315.5





#70

Styrene

Concen: 0.426 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

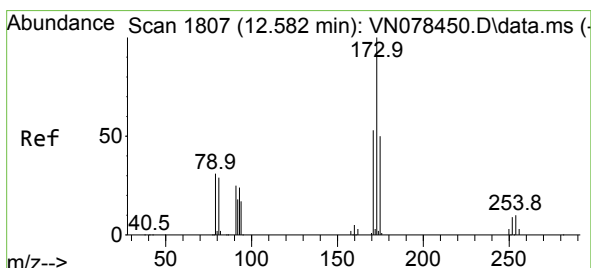
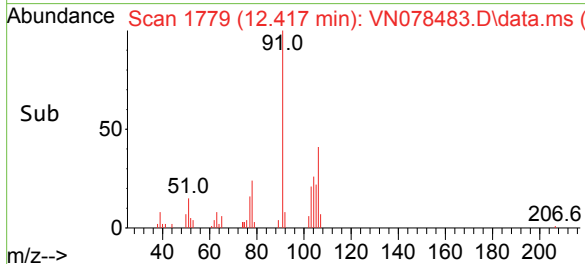
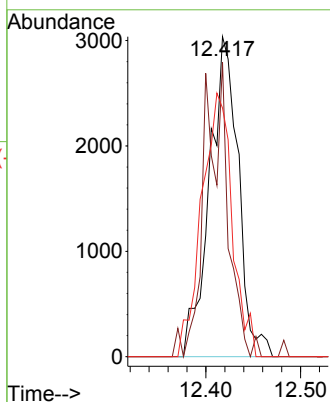
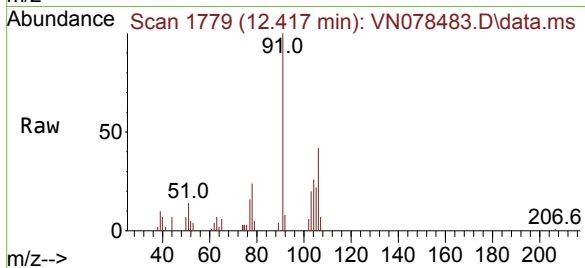
Tgt Ion:104 Resp: 6429

Ion Ratio Lower Upper

104 100

78 72.9 39.5 59.3#

103 86.9 43.2 64.8#



#71

Bromoform

Concen: 0.191 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

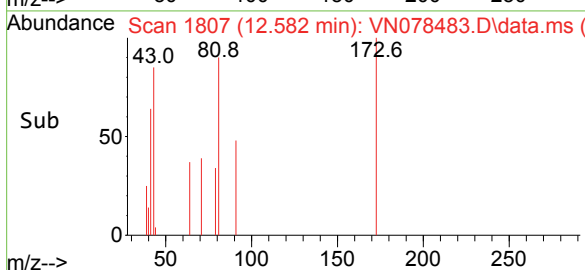
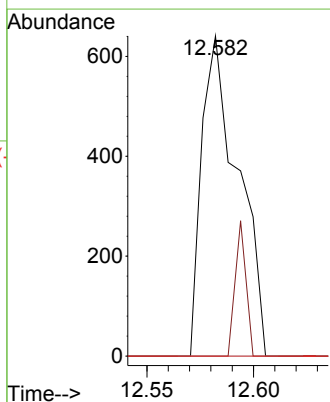
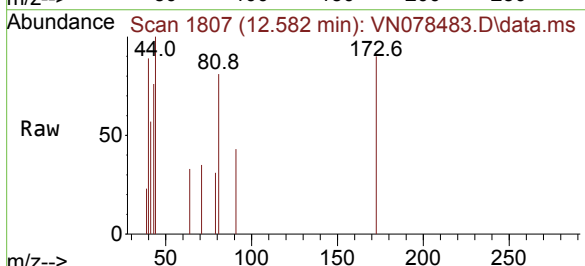
Tgt Ion:173 Resp: 761

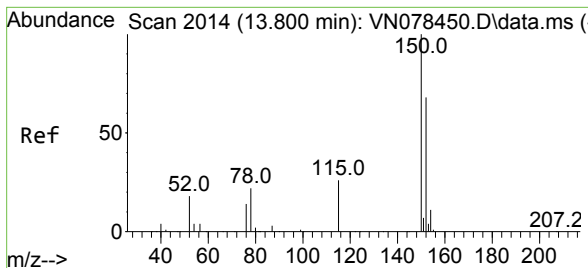
Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

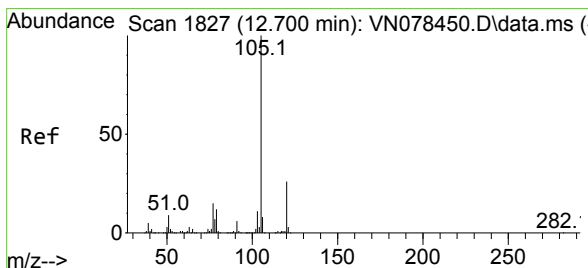
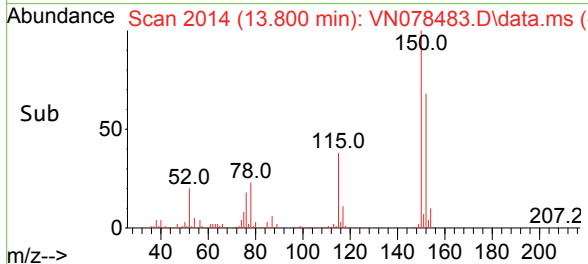
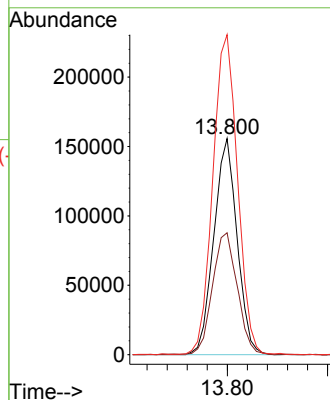
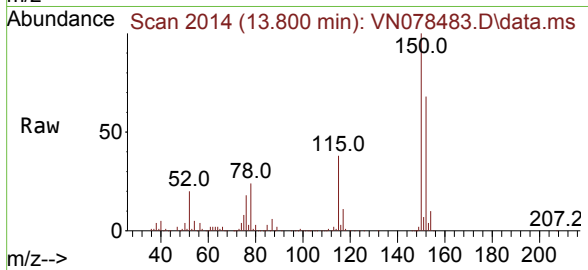
Tgt Ion:152 Resp: 250410

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 157.1 0.0 355.8



#73

Isopropylbenzene

Concen: 0.177 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078483.D

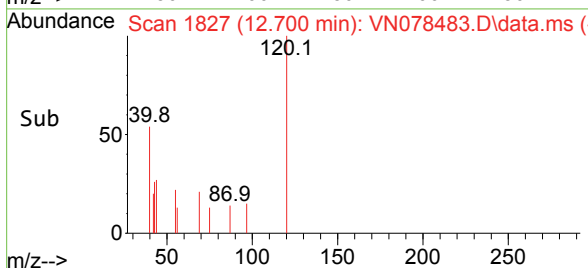
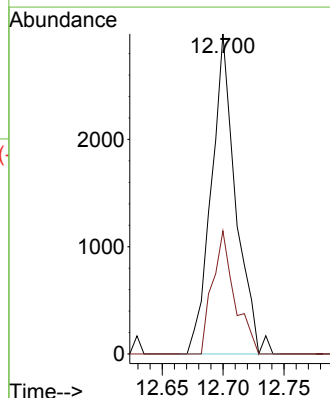
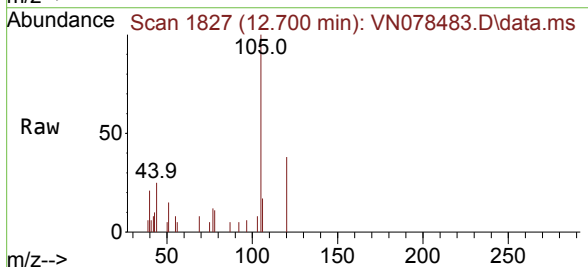
Acq: 12 Jul 2023 17:33

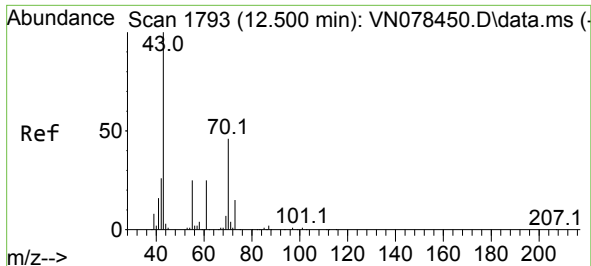
Tgt Ion:105 Resp: 4162

Ion Ratio Lower Upper

105 100

120 34.7 13.1 39.1

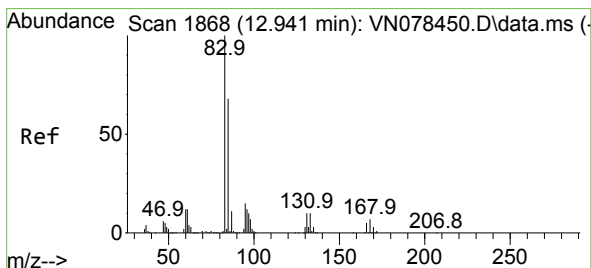
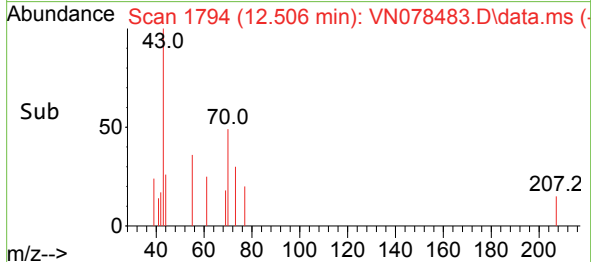
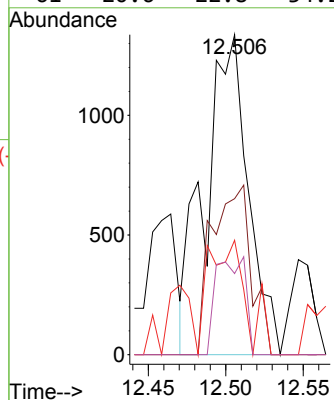
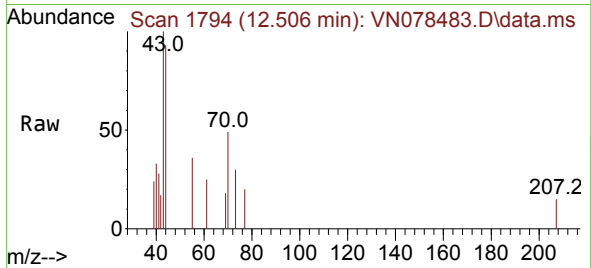




#74
N-amy1 acetate
Concen: 0.319 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

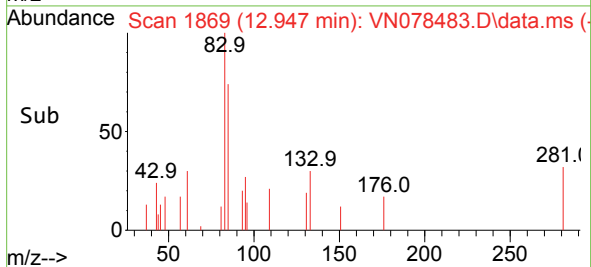
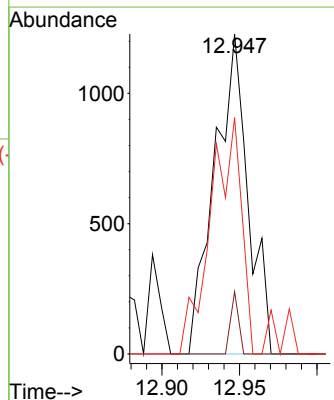
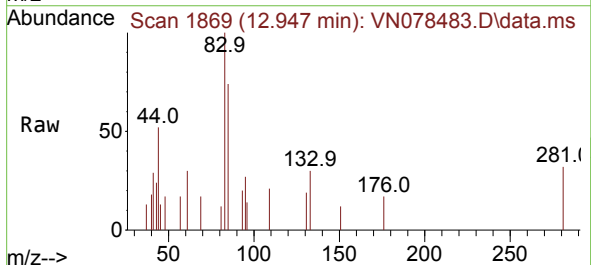
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

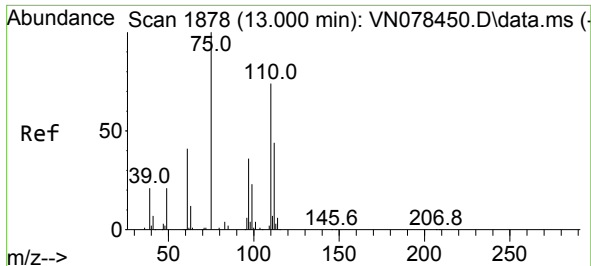
Tgt Ion: 43	Resp: 2589
Ion Ratio	Lower Upper
43 100	
70 48.2	43.4 65.2
55 30.9	21.4 32.0
61 20.6	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 83	Resp: 1850
Ion Ratio	Lower Upper
83 100	
131 4.5	5.0 15.0#
85 67.6	31.9 95.7

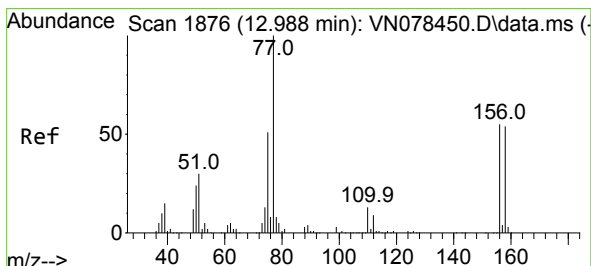
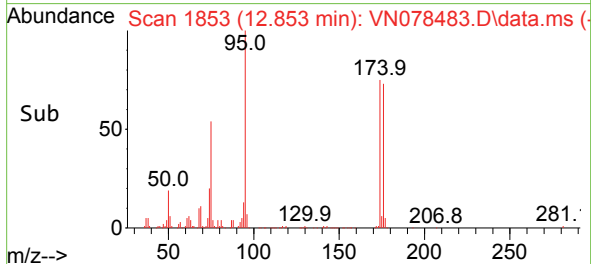
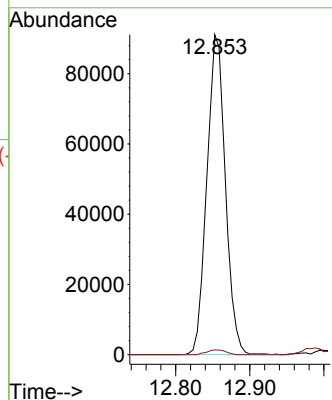
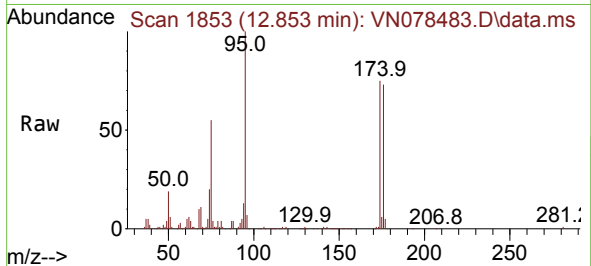




#76
1,2,3-Trichloropropane
Concen: 26.097 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

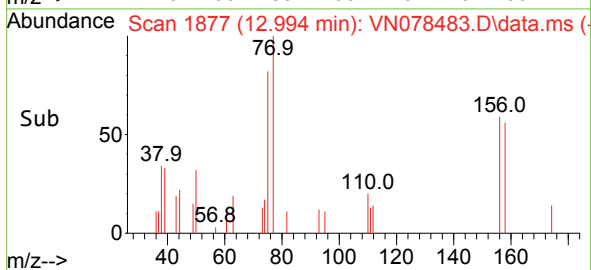
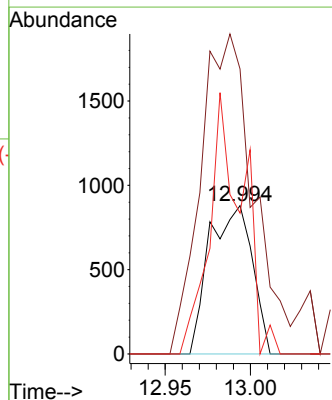
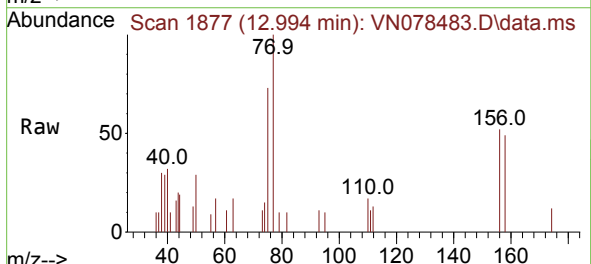
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

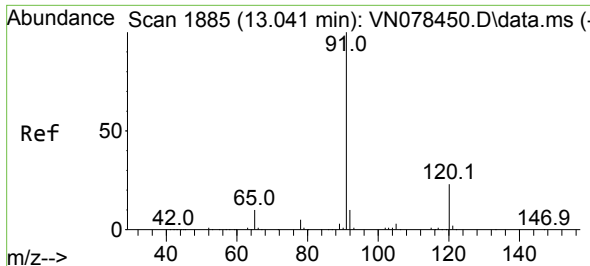
Tgt Ion: 75 Resp: 157957
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion:156 Resp: 1543
Ion Ratio Lower Upper
156 100
77 264.4 107.7 323.3
158 136.5 48.4 145.3

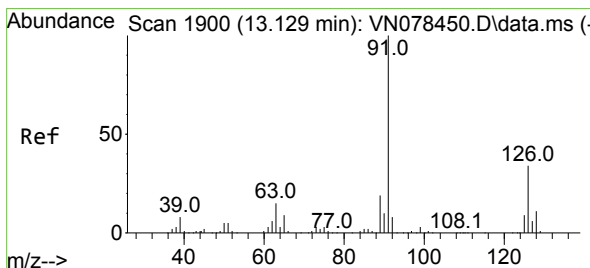
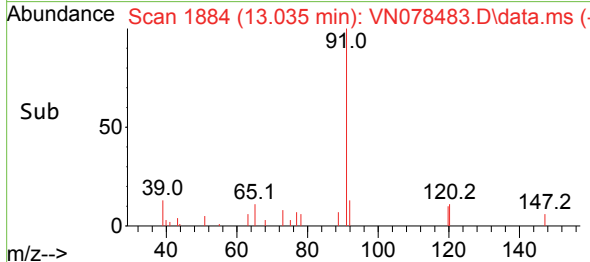
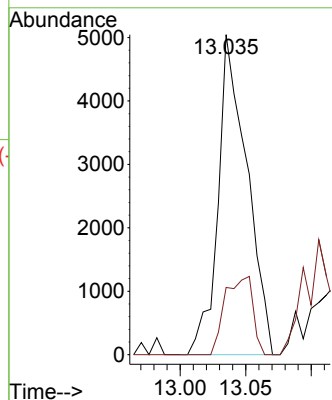
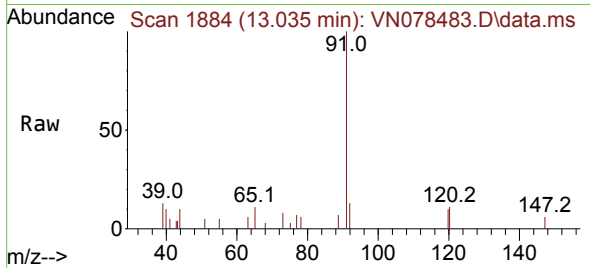




#78
n-propylbenzene
Concen: 0.308 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

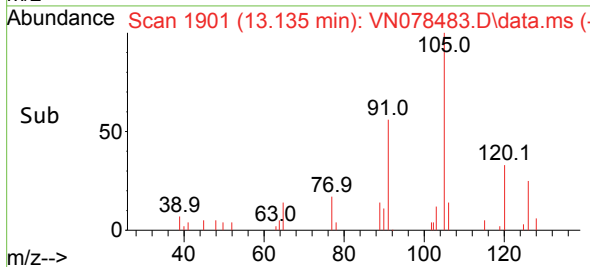
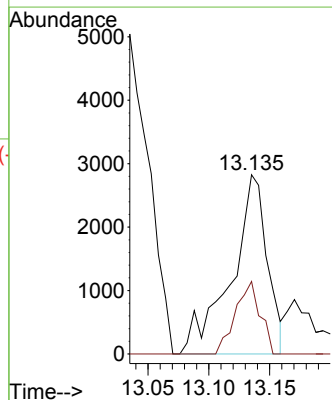
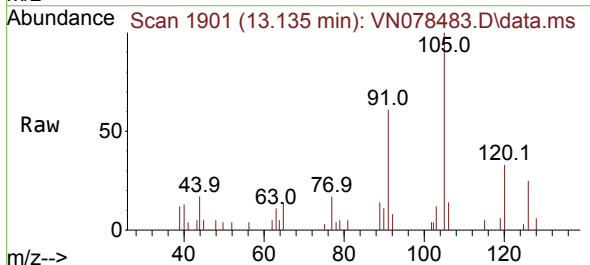
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

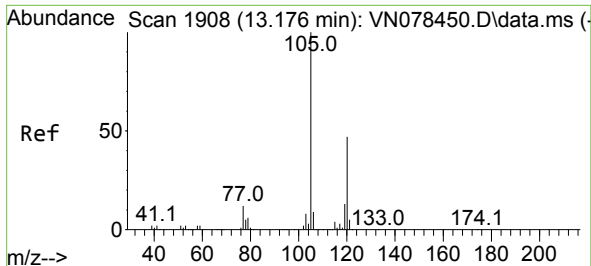
Tgt Ion: 91 Resp: 7743
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.354 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 91 Resp: 5831
Ion Ratio Lower Upper
91 100
126 27.7 16.3 48.8

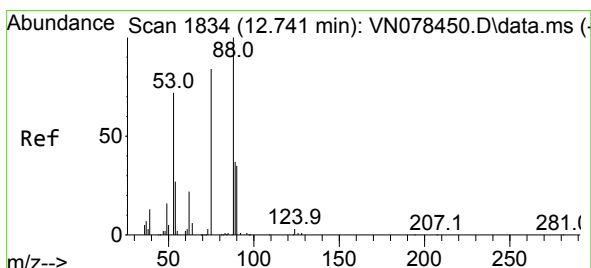
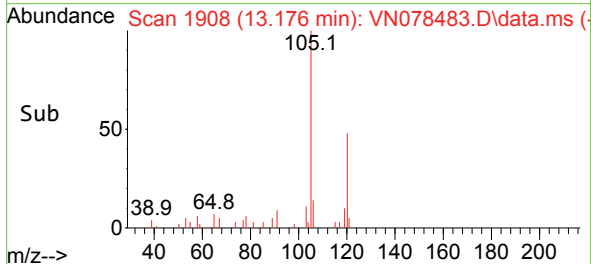
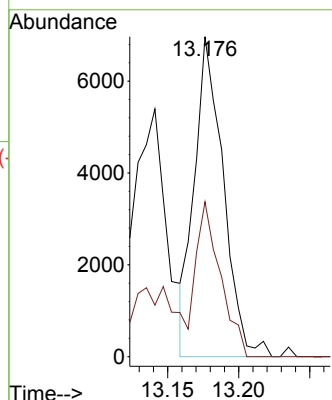
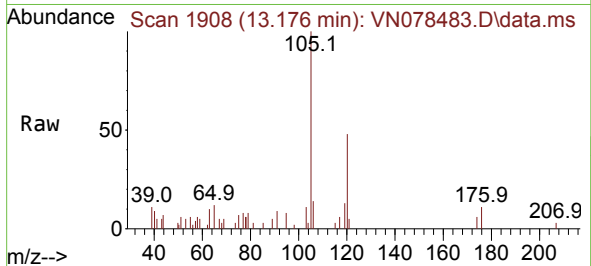




#80
 1,3,5-Trimethylbenzene
 Concen: 0.529 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

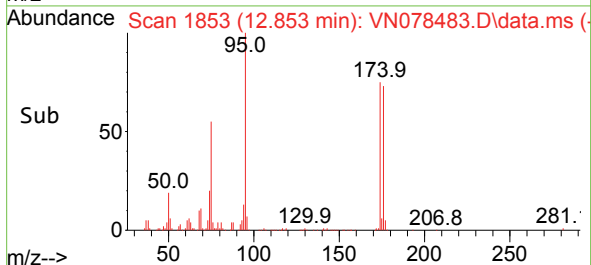
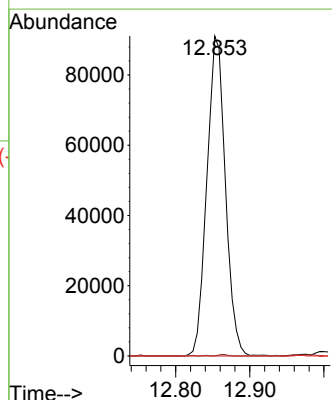
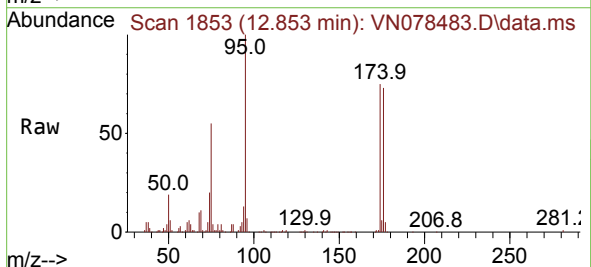
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

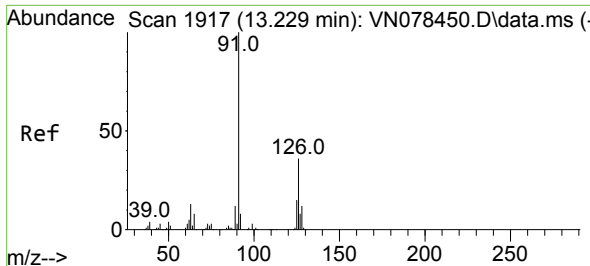
Tgt Ion:105 Resp: 9840
 Ion Ratio Lower Upper
 105 100
 120 40.2 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.578 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 75 Resp: 157957
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

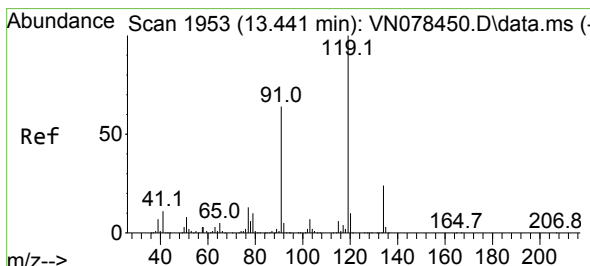
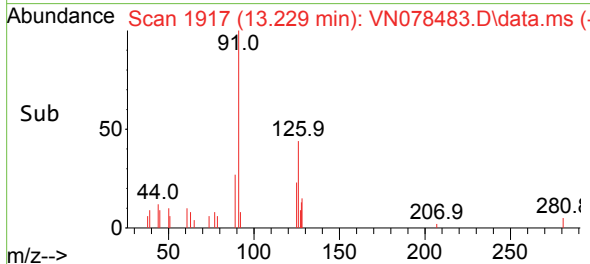
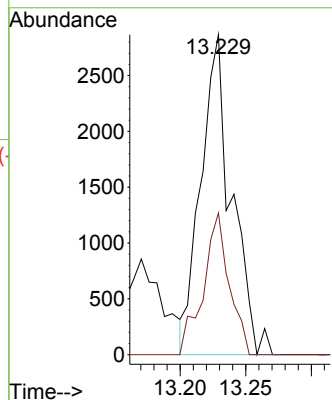
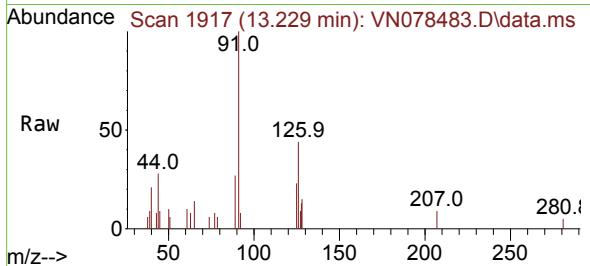




#82
4-Chlorotoluene
Concen: 0.303 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

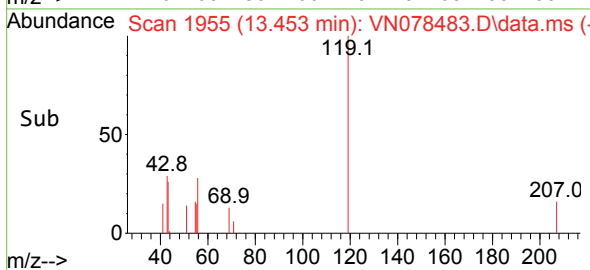
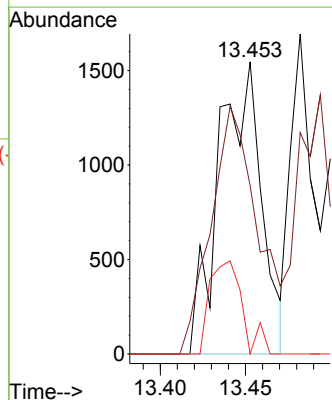
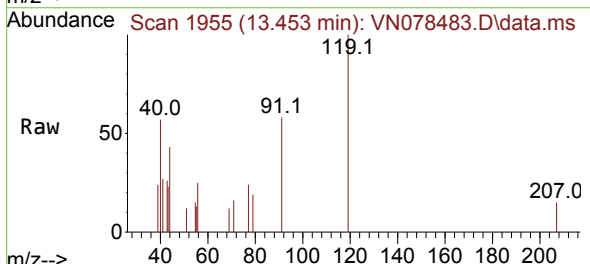
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

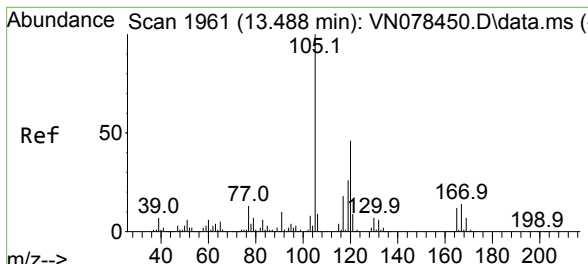
Tgt Ion: 91 Resp: 4663
Ion Ratio Lower Upper
91 100
126 37.4 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.172 ug/l
RT: 13.453 min Scan# 1955
Delta R.T. 0.012 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Tgt Ion: 119 Resp: 2710
Ion Ratio Lower Upper
119 100
91 92.0 33.9 101.7
134 24.2 13.2 39.6

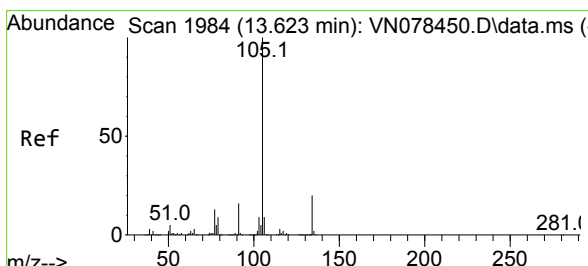
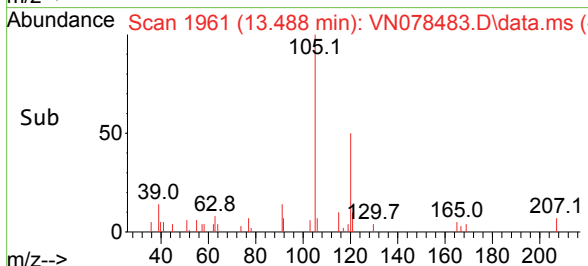
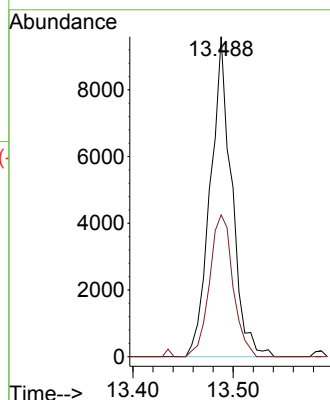
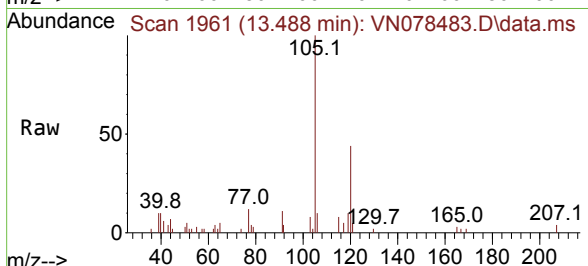




#84
 1,2,4-Trimethylbenzene
 Concen: 0.785 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

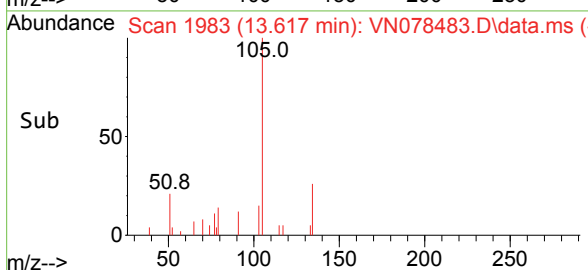
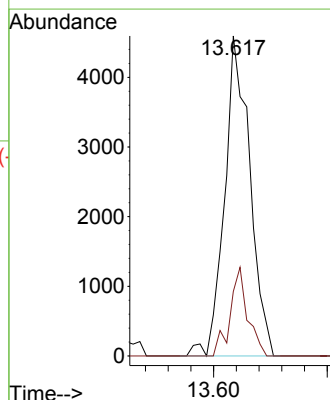
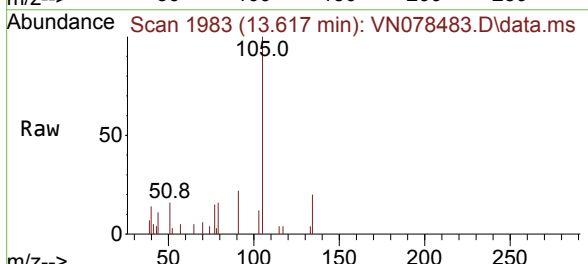
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

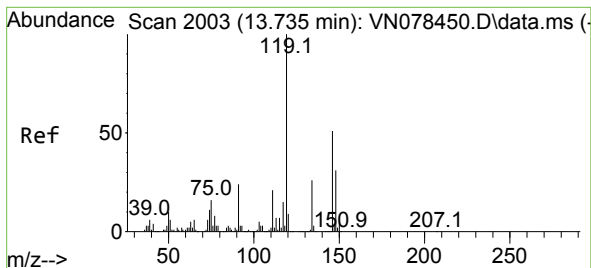
Tgt Ion:105 Resp: 14170
 Ion Ratio Lower Upper
 105 100
 120 48.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.355 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion:105 Resp: 7086
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.409 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

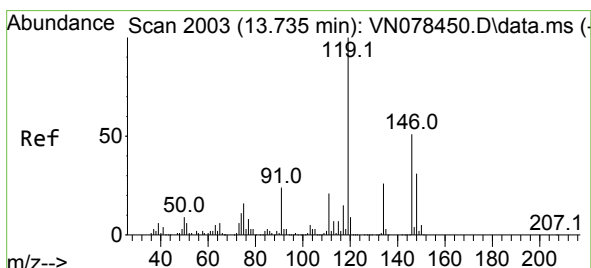
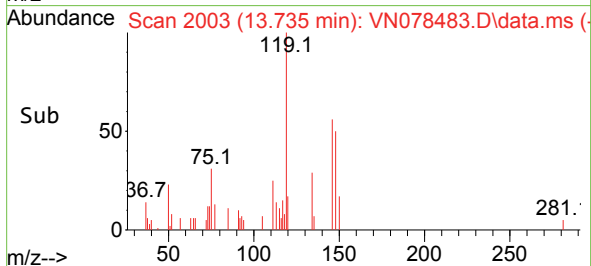
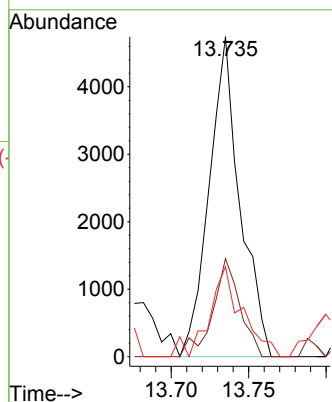
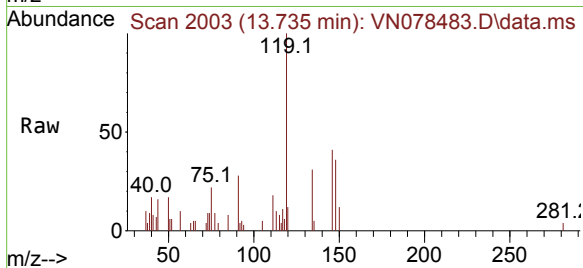
Tgt Ion:119 Resp: 6550

Ion Ratio Lower Upper

119 100

134 27.1 12.6 37.8

91 30.2 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.417 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

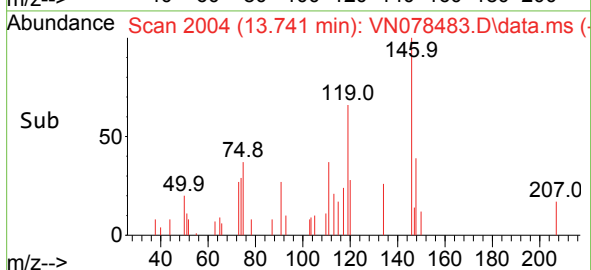
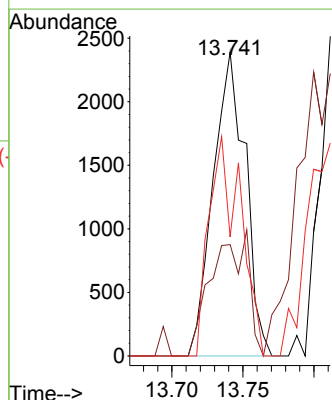
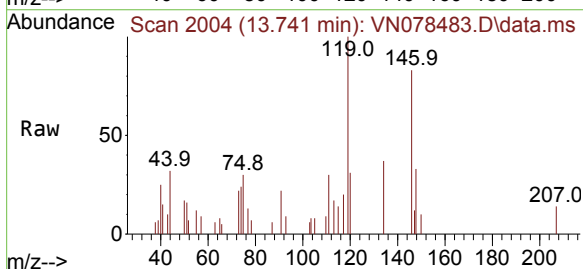
Tgt Ion:146 Resp: 3769

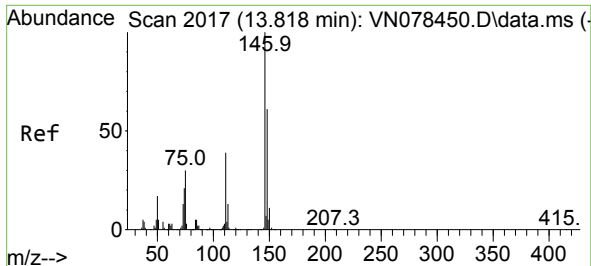
Ion Ratio Lower Upper

146 100

111 46.4 22.1 66.3

148 71.0 32.0 96.0

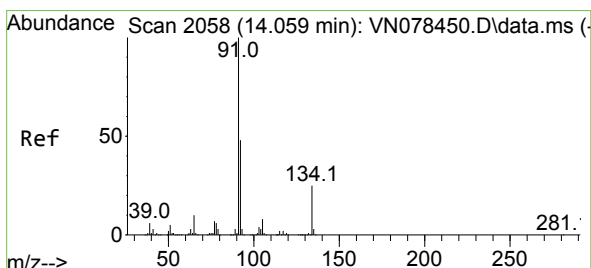
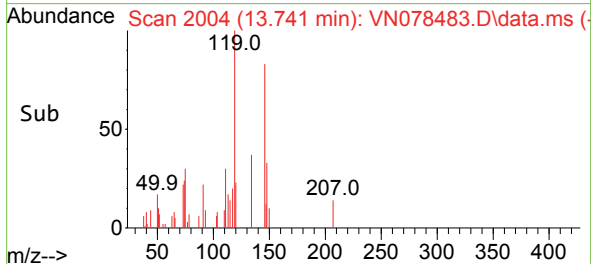
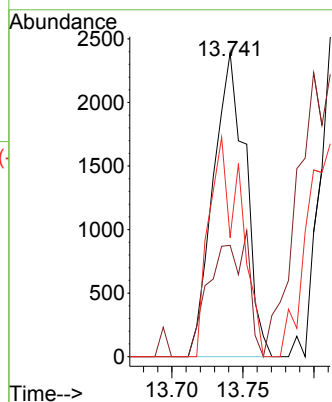
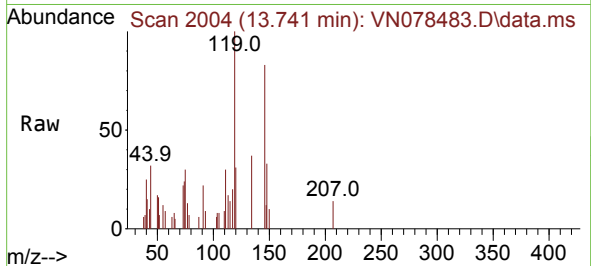




#88
 1,4-Dichlorobenzene
 Concen: 0.414 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.077 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

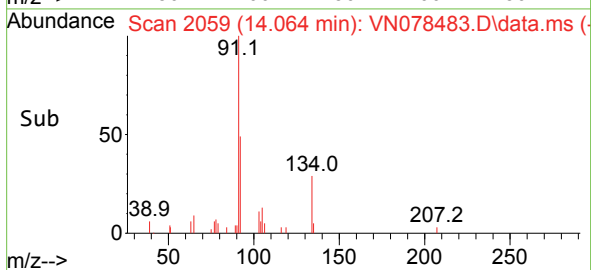
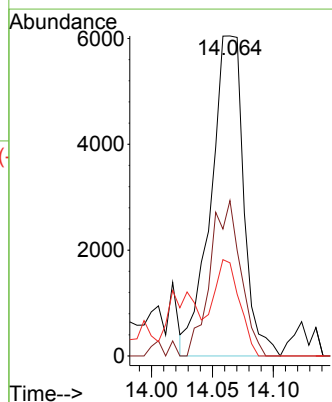
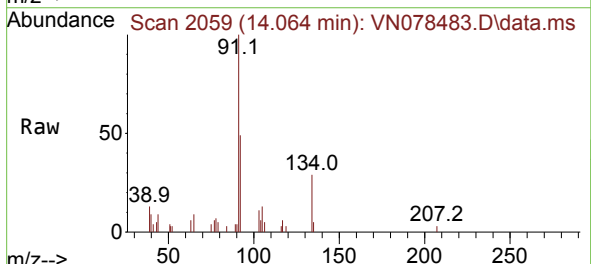
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

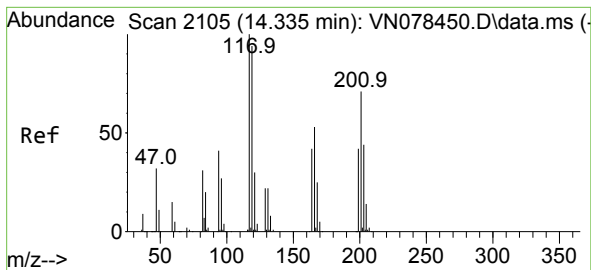
Tgt Ion:146 Resp: 3769
 Ion Ratio Lower Upper
 146 100
 111 46.4 20.6 61.8
 148 71.0 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.991 ug/l
 RT: 14.064 min Scan# 2059
 Delta R.T. 0.005 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 91 Resp: 11357
 Ion Ratio Lower Upper
 91 100
 92 44.9 26.4 79.0
 134 24.2 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

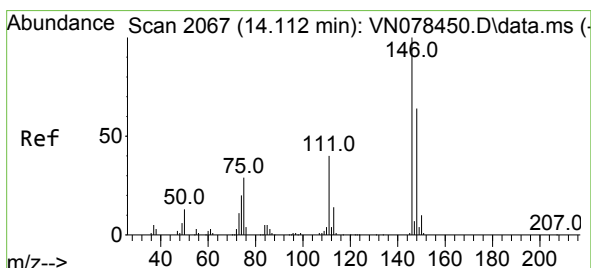
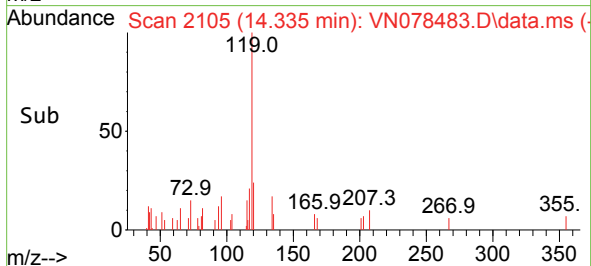
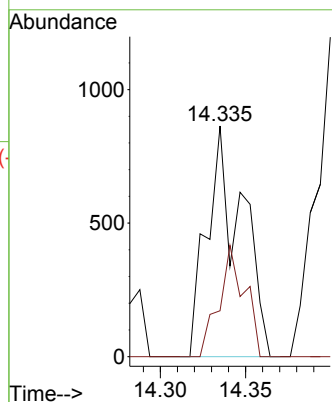
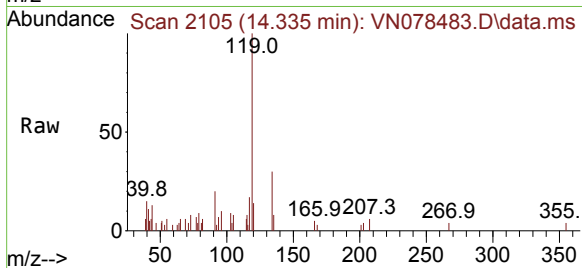
VSTDCCC050

Tgt Ion:117 Resp: 1232

Ion Ratio Lower Upper

117 100

201 35.4 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.467 ug/l

RT: 14.117 min Scan# 2068

Delta R.T. 0.005 min

Lab File: VN078483.D

Acq: 12 Jul 2023 17:33

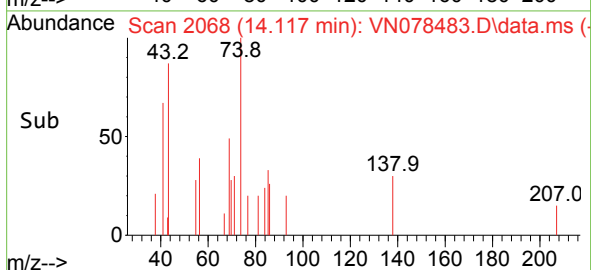
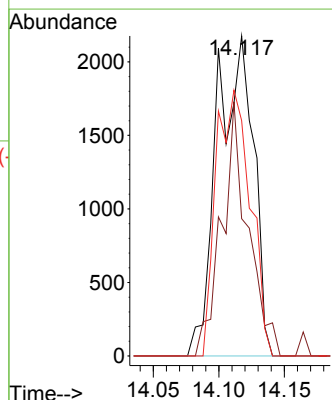
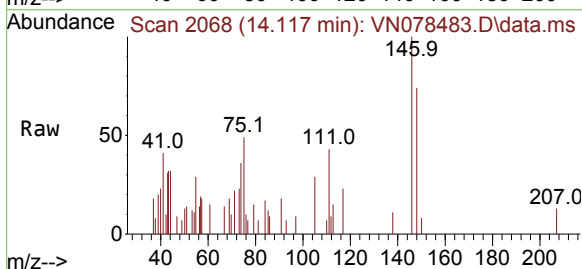
Tgt Ion:146 Resp: 4195

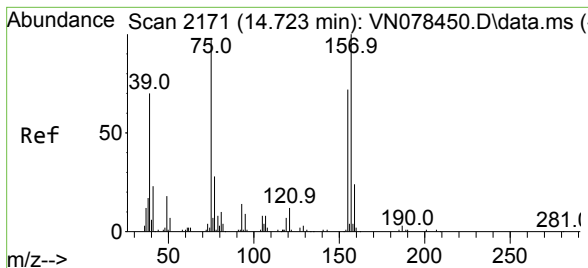
Ion Ratio Lower Upper

146 100

111 57.2 22.0 66.0

148 78.4 31.8 95.3

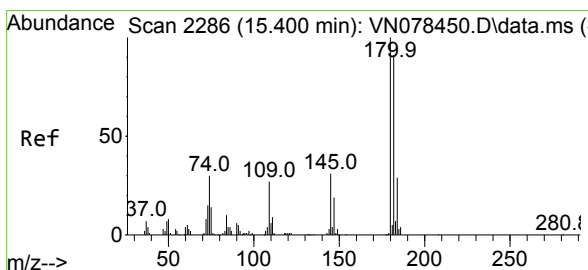
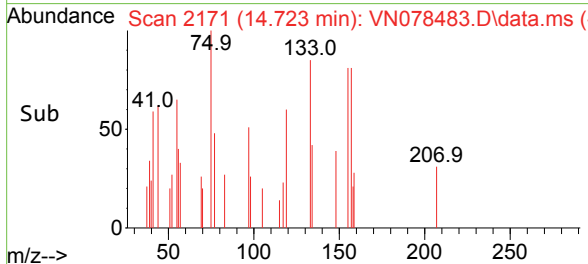
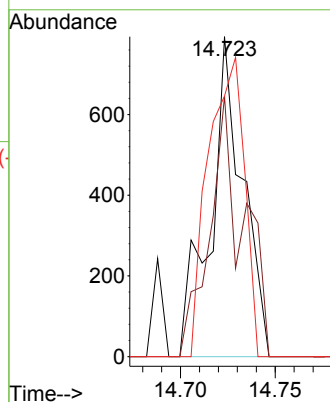
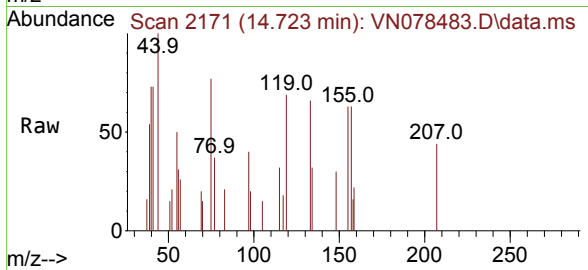




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

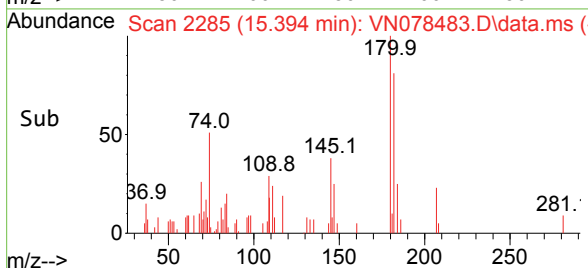
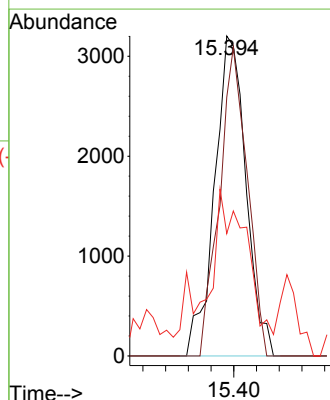
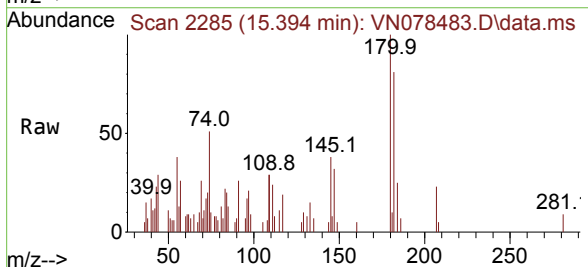
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

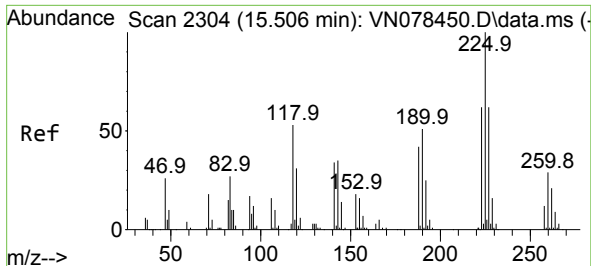
Tgt Ion: 75 Resp: 943
 Ion Ratio Lower Upper
 75 100
 155 84.6 39.1 117.2
 157 104.1 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 2.139 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078483.D
 Acq: 12 Jul 2023 17:33

Tgt Ion: 180 Resp: 6137
 Ion Ratio Lower Upper
 180 100
 182 85.8 46.1 138.2
 145 56.7 16.6 49.8#

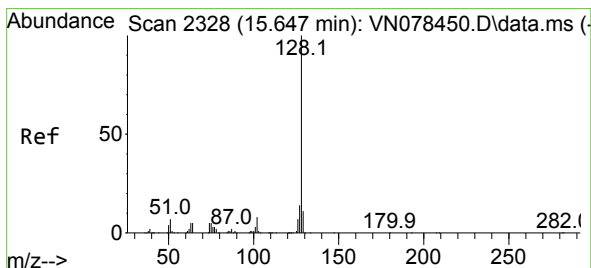
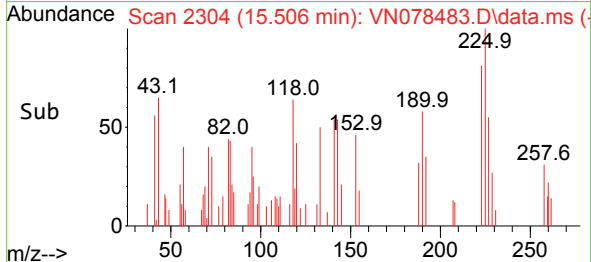
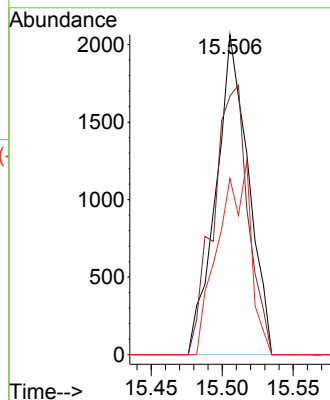
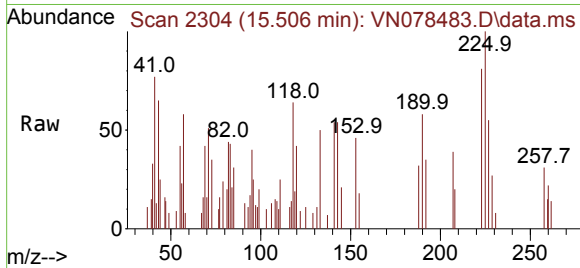




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

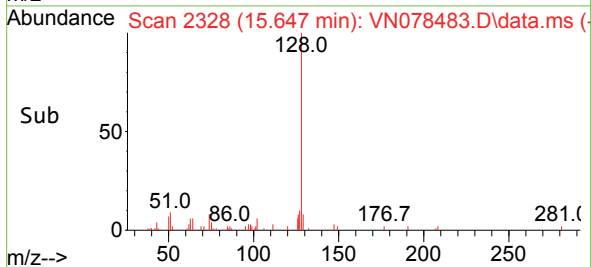
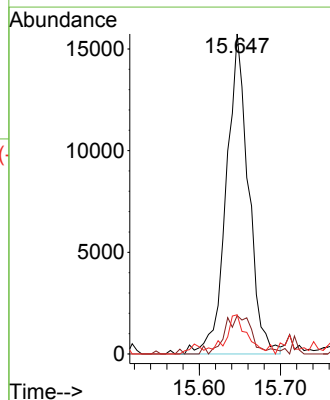
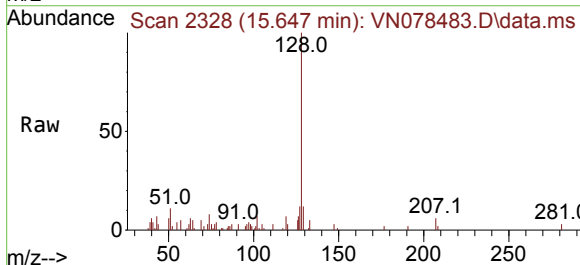
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

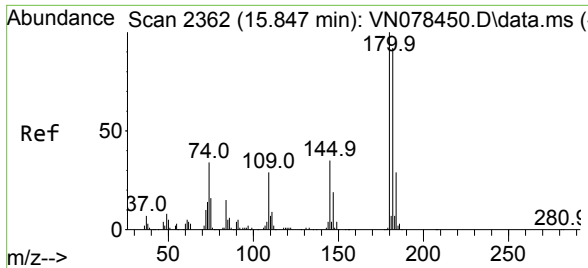
Tgt Ion:	225	Resp:	3277
Ion Ratio	Lower	Upper	
225	100		
223	90.4	31.3	93.8
227	59.8	31.9	95.9



#95
Naphthalene
Concen: 3.047 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

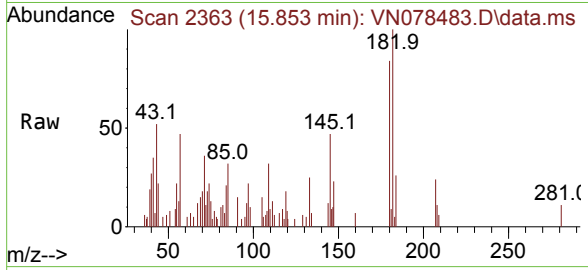
Tgt Ion:	128	Resp:	29889
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.0	15.0
129	11.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 2.619 ug/l
RT: 15.853 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078483.D
Acq: 12 Jul 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	180	Resp:	8639
Ion	Ratio	Lower	Upper
180	100		
182	100.8	46.2	138.6
145	77.1	17.5	52.6#

