

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081234.D
 Acq On : 27 Feb 2024 21:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 28 04:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	255805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	480991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167057	53.280	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.560%	
35) Dibromofluoromethane	8.165	113	146505	53.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.720%	
50) Toluene-d8	10.571	98	476076	49.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.853	95	187382	51.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	175836	53.152	ug/l	99
3) Chloromethane	2.365	50	168270	46.532	ug/l	100
4) Vinyl Chloride	2.518	62	186359	50.715	ug/l	93
5) Bromomethane	2.953	94	111961	42.898	ug/l	94
6) Chloroethane	3.118	64	132522	55.882	ug/l	100
7) Trichlorofluoromethane	3.500	101	290025	54.026	ug/l	93
8) Diethyl Ether	3.965	74	105992	54.004	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	160910	53.769	ug/l	93
10) Methyl Iodide	4.589	142	167421	50.120	ug/l	98
11) Tert butyl alcohol	5.518	59	152213	263.973	ug/l	100
12) 1,1-Dichloroethene	4.341	96	146454	50.627	ug/l	93
13) Acrolein	4.171	56	72587	234.866	ug/l	99
14) Allyl chloride	5.024	41	222510	51.840	ug/l	# 93
15) Acrylonitrile	5.718	53	445820	296.039	ug/l	99
16) Acetone	4.424	43	332457	269.473	ug/l	97
17) Carbon Disulfide	4.718	76	363638	45.067	ug/l	97
18) Methyl Acetate	5.024	43	204397	67.914	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	551503	55.663	ug/l	95
20) Methylene Chloride	5.277	84	186180	58.491	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	166694	51.648	ug/l	92
22) Diisopropyl ether	6.677	45	565843	58.114	ug/l	# 92
23) Vinyl Acetate	6.606	43	2187683	276.929	ug/l	# 94
24) 1,1-Dichloroethane	6.571	63	325143	57.753	ug/l	# 93
25) 2-Butanone	7.488	43	558348	280.136	ug/l	90
26) 2,2-Dichloropropane	7.488	77	239874	45.472	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	203689	54.319	ug/l	88
28) Bromochloromethane	7.812	49	143781	61.603	ug/l	# 72
29) Tetrahydrofuran	7.841	42	378169	284.229	ug/l	# 88
30) Chloroform	7.971	83	351911	58.798	ug/l	96
31) Cyclohexane	8.265	56	262753	48.533	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	307019	56.326	ug/l	93
36) 1,1-Dichloropropene	8.371	75	243208	52.194	ug/l	97
37) Ethyl Acetate	7.559	43	233412	55.503	ug/l	98
38) Carbon Tetrachloride	8.365	117	261854	55.544	ug/l	96
39) Methylcyclohexane	9.606	83	276856	50.969	ug/l	90
40) Benzene	8.612	78	743464	55.123	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	132985	55.563	ug/l	93
42) 1,2-Dichloroethane	8.677	62	264776	56.269	ug/l	100
43) Isopropyl Acetate	8.694	43	407826	55.449	ug/l	95
44) Trichloroethene	9.353	130	187383	52.162	ug/l	99
45) 1,2-Dichloropropane	9.624	63	193486	57.349	ug/l	95
46) Dibromomethane	9.712	93	137488	55.930	ug/l	93
47) Bromodichloromethane	9.888	83	272434	58.516	ug/l #	98
48) Methyl methacrylate	9.682	41	193285	56.477	ug/l	92
49) 1,4-Dioxane	9.694	88	77121	1233.911	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1256361	296.944	ug/l	95
52) Toluene	10.629	92	475153	55.648	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	285457	55.174	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	302295	54.080	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	193413	58.894	ug/l	93
56) Ethyl methacrylate	10.876	69	288537	57.487	ug/l	88
57) 1,3-Dichloropropane	11.165	76	328580	57.865	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	719307	285.628	ug/l #	89
59) 2-Hexanone	11.200	43	919811	274.216	ug/l	95
60) Dibromochloromethane	11.359	129	204684	58.669	ug/l	98
61) 1,2-Dibromoethane	11.470	107	193965	56.165	ug/l	98
64) Tetrachloroethene	11.106	164	177926	59.067	ug/l	94
65) Chlorobenzene	11.894	112	508881	53.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	192511	56.110	ug/l	96
67) Ethyl Benzene	11.965	91	916631	53.626	ug/l	98
68) m/p-Xylenes	12.076	106	696452	106.300	ug/l	98
69) o-Xylene	12.400	106	348472	53.657	ug/l	95
70) Styrene	12.412	104	576820	56.049	ug/l	96
71) Bromoform	12.582	173	127596	58.618	ug/l #	98
73) Isopropylbenzene	12.700	105	913068	52.111	ug/l	99
74) N-amyl acetate	12.494	43	364505	49.222	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	263649	53.512	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	344996	75.821	ug/l	64
77) Bromobenzene	12.982	156	200213	51.247	ug/l	78
78) n-propylbenzene	13.041	91	1076988	53.394	ug/l	97
79) 2-Chlorotoluene	13.129	91	630918	50.995	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	761695	53.616	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	95580	54.068	ug/l	99
82) 4-Chlorotoluene	13.223	91	624348	51.610	ug/l	95
83) tert-Butylbenzene	13.441	119	673601	54.835	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	777161	54.898	ug/l	96
85) sec-Butylbenzene	13.617	105	955110	55.929	ug/l	95
86) p-Isopropyltoluene	13.729	119	780464	55.022	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	378893	51.328	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	378956	52.245	ug/l	97
89) n-Butylbenzene	14.059	91	685304	55.456	ug/l	97
90) Hexachloroethane	14.335	117	133044	56.744	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	367715	51.648	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51992	50.756	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	198074	49.868	ug/l	98
94) Hexachlorobutadiene	15.505	225	73652	49.720	ug/l	95
95) Naphthalene	15.641	128	734670	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	203942	51.758	ug/l	98

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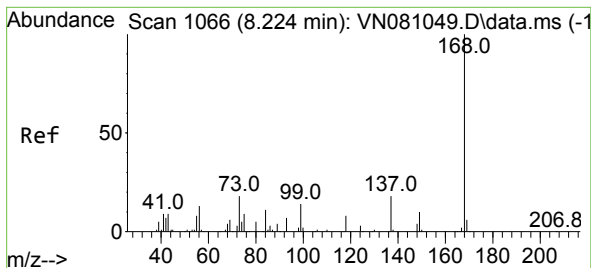
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QLast Update : Fri Feb 16 23:45:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1066

Delta R.T. 0.005 min

Lab File: VN081234.D

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Instrument :

MSVOA_N

ClientSampleId :

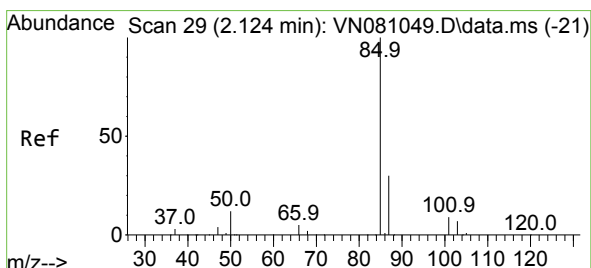
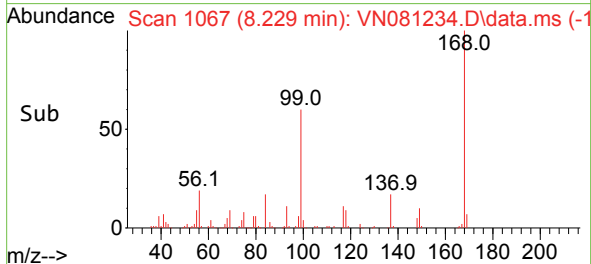
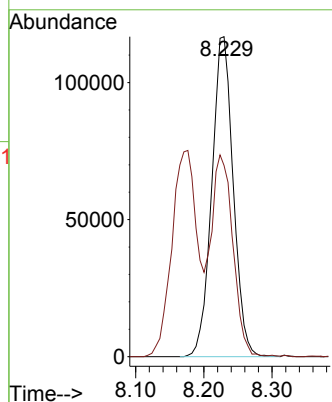
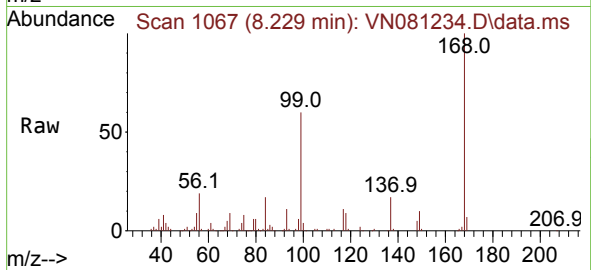
VSTDCCC050EC

Tgt Ion:168 Resp: 255805

Ion Ratio Lower Upper

168 100

99 59.5 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 53.152 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081234.D

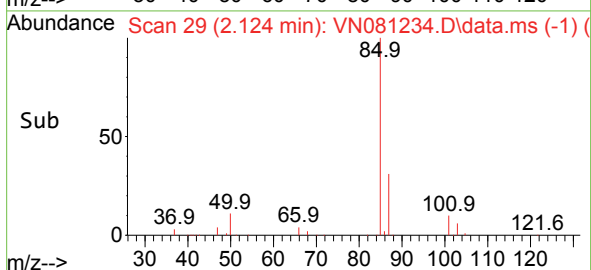
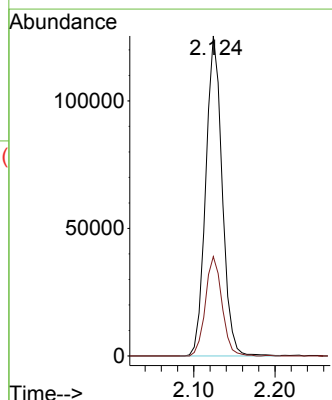
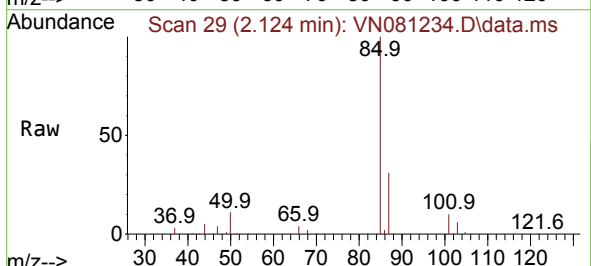
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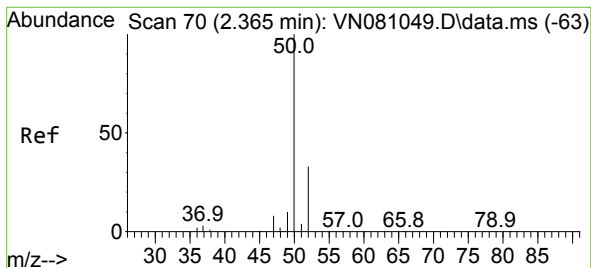
Tgt Ion: 85 Resp: 175836

Ion Ratio Lower Upper

85 100

87 31.0 15.3 45.9





#3

Chloromethane

Concen: 46.532 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

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ClientSampleId :

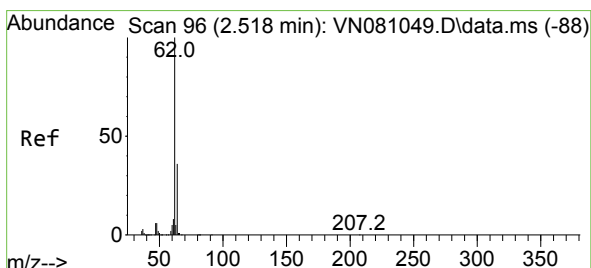
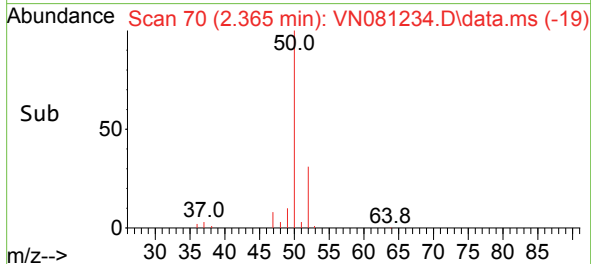
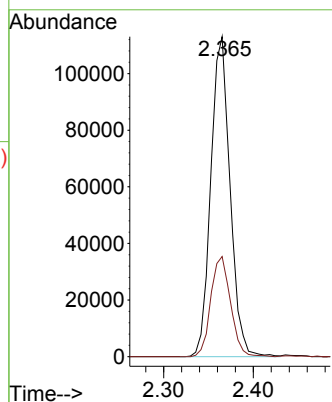
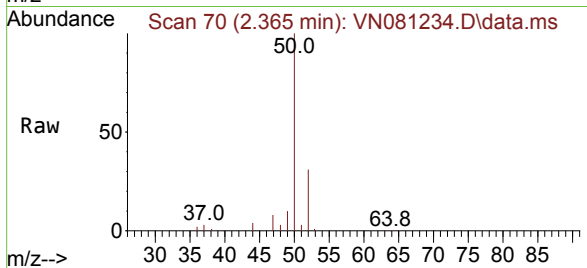
VSTDCCC050EC

Tgt Ion: 50 Resp: 168270

Ion Ratio Lower Upper

50 100

52 31.3 25.0 37.4



#4

Vinyl Chloride

Concen: 50.715 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081234.D

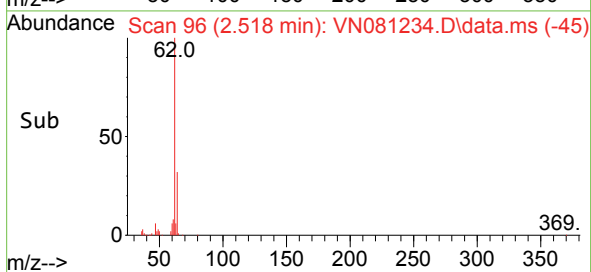
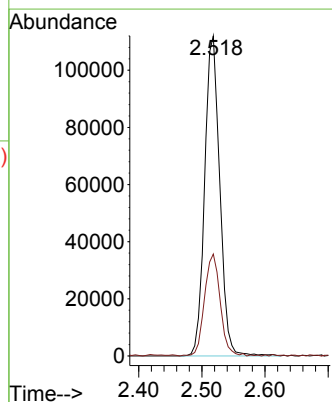
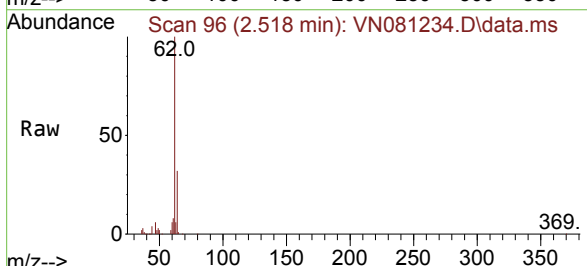
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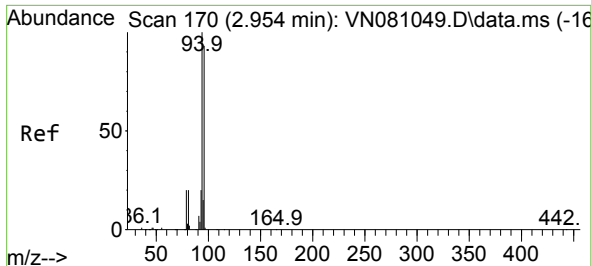
Tgt Ion: 62 Resp: 186359

Ion Ratio Lower Upper

62 100

64 31.8 22.7 34.1

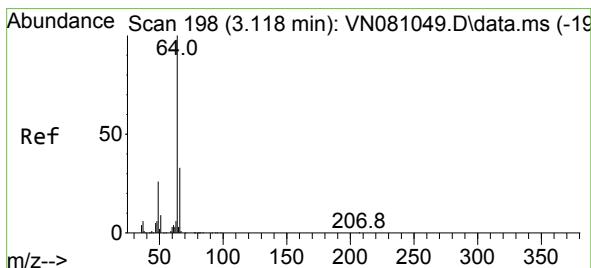
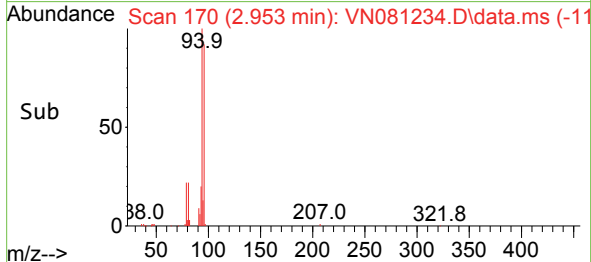
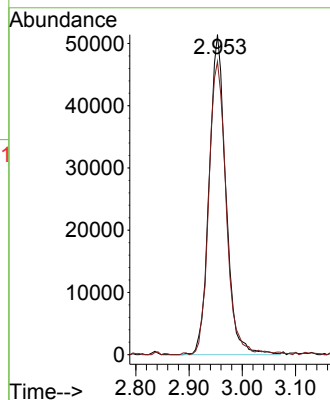
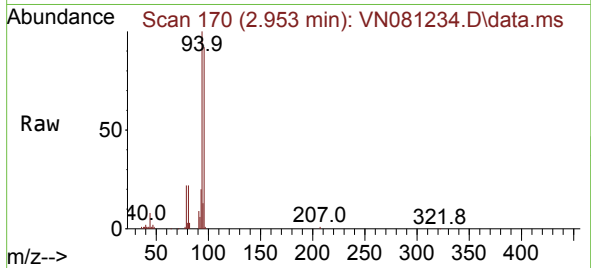




#5
Bromomethane
Concen: 42.898 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN081234.D
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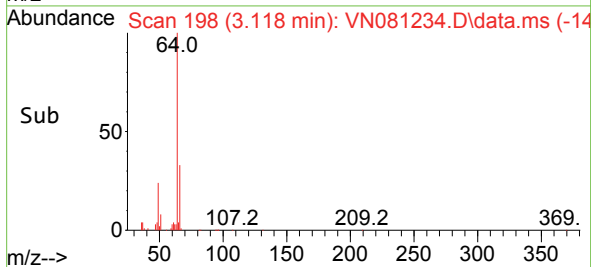
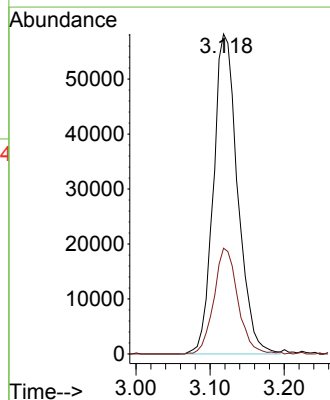
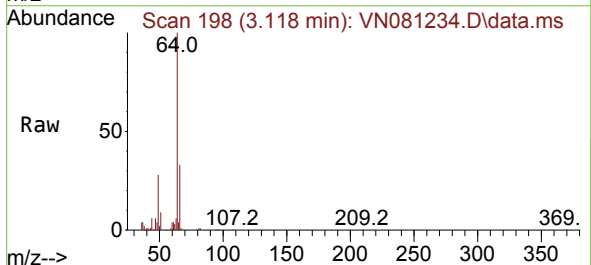
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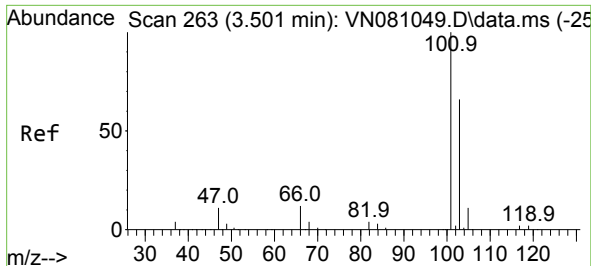
Tgt Ion: 94 Resp: 111961
Ion Ratio Lower Upper
94 100
96 91.6 69.2 103.8



#6
Chloroethane
Concen: 55.882 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 64 Resp: 132522
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6

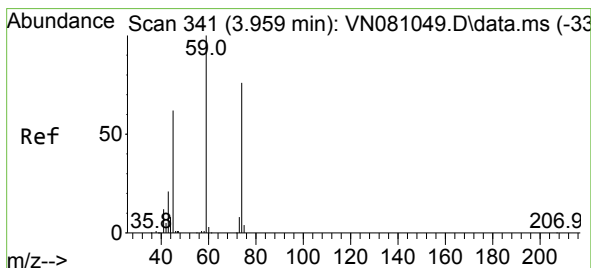
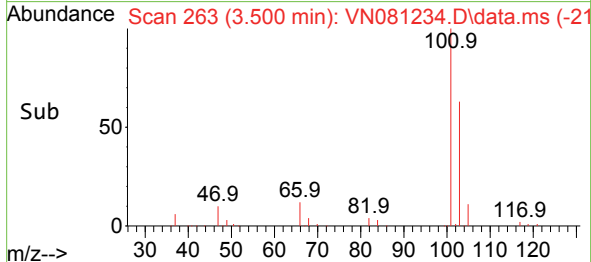
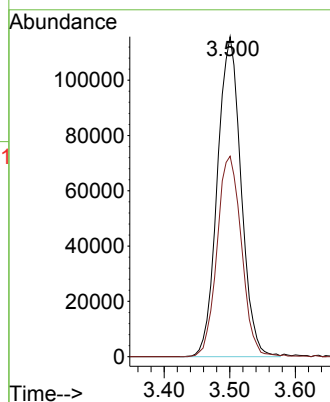
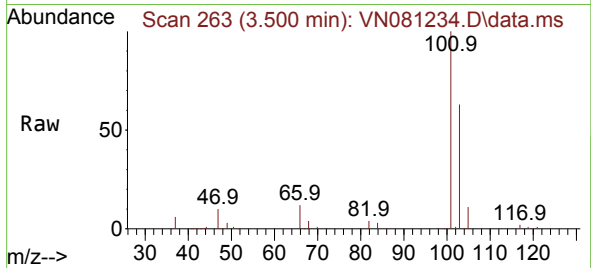




#7
 Trichlorofluoromethane
 Concen: 54.026 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

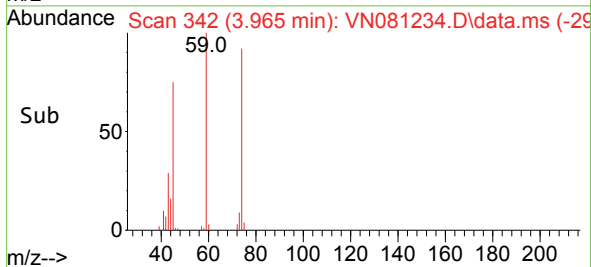
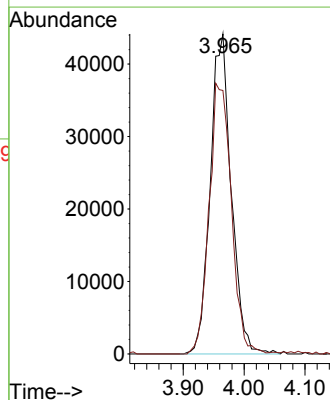
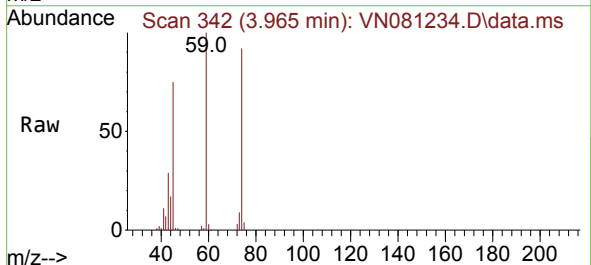
Instrument :
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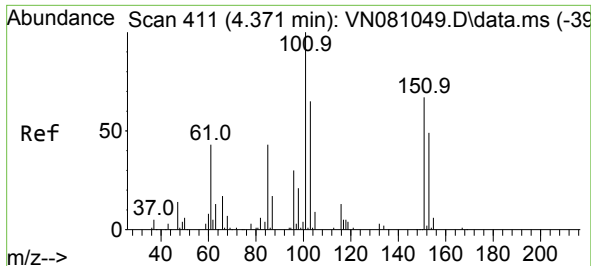
Tgt Ion:101 Resp: 290025
 Ion Ratio Lower Upper
 101 100
 103 62.6 54.4 81.6



#8
 Diethyl Ether
 Concen: 54.004 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

Tgt Ion: 74 Resp: 105992
 Ion Ratio Lower Upper
 74 100
 45 89.4 53.3 159.9

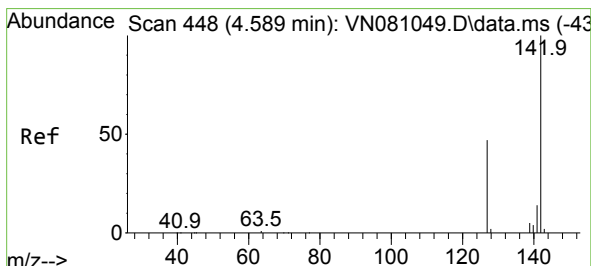
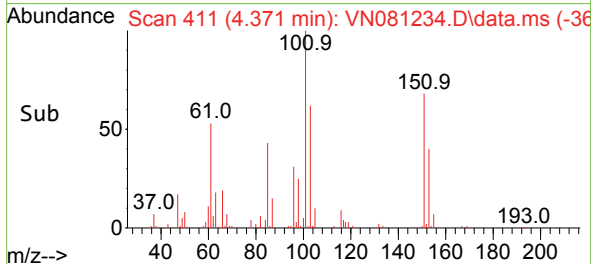
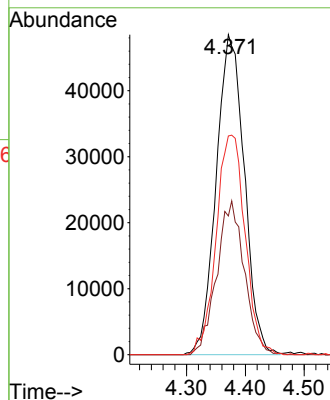
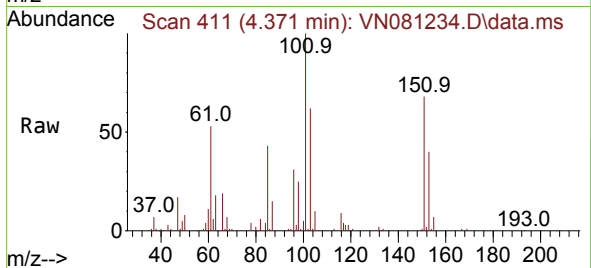




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.769 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

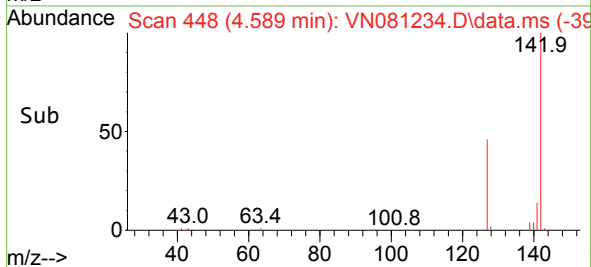
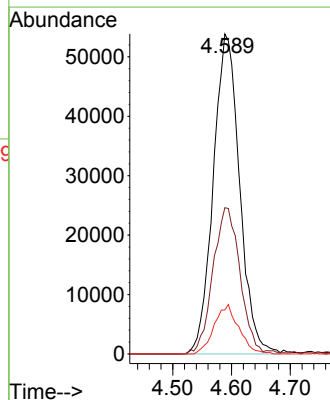
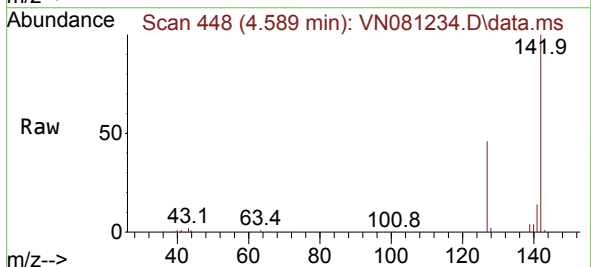
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 160910
Ion Ratio Lower Upper
101 100
85 47.3 38.1 57.1
151 70.5 49.1 73.7



#10
Methyl Iodide
Concen: 50.120 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:142 Resp: 167421
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 13.7 12.5 18.7





#11

Tert butyl alcohol

Concen: 263.973 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

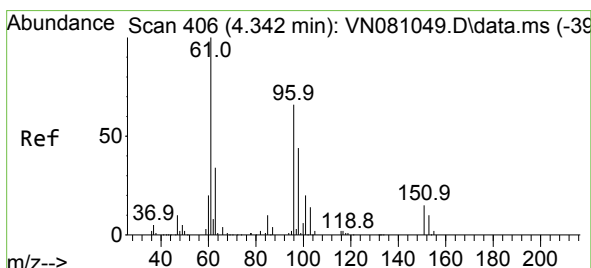
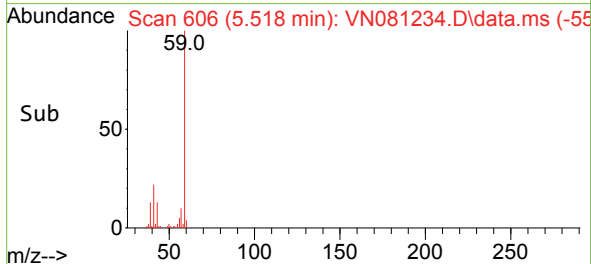
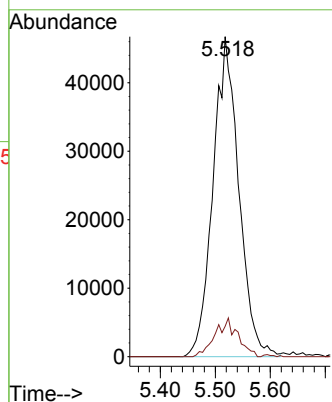
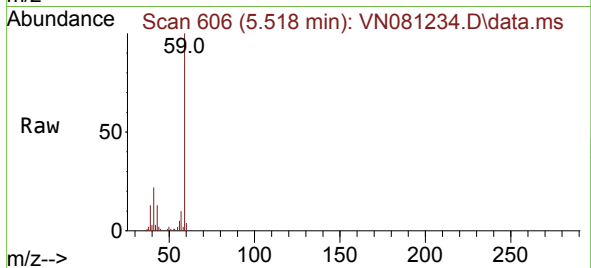
VSTDCCC050EC

Tgt Ion: 59 Resp: 152213

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8



#12

1,1-Dichloroethene

Concen: 50.627 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

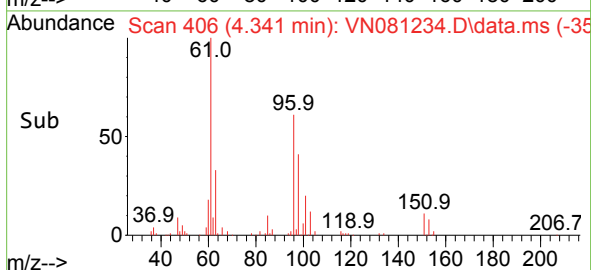
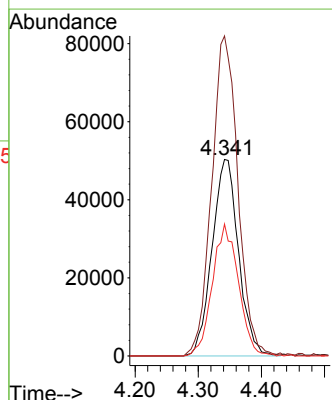
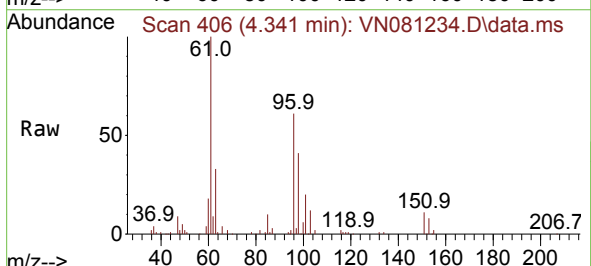
Tgt Ion: 96 Resp: 146454

Ion Ratio Lower Upper

96 100

61 162.8 138.2 207.4

98 67.1 49.2 73.8

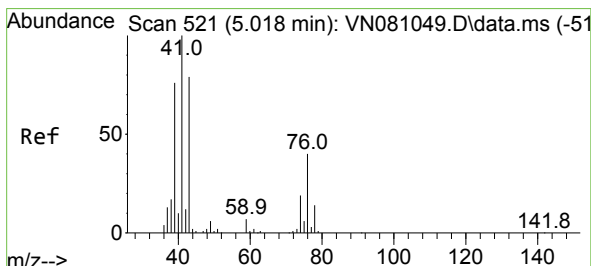
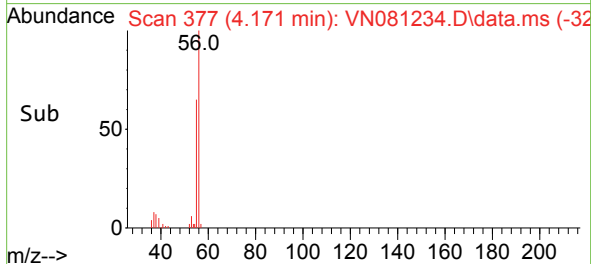
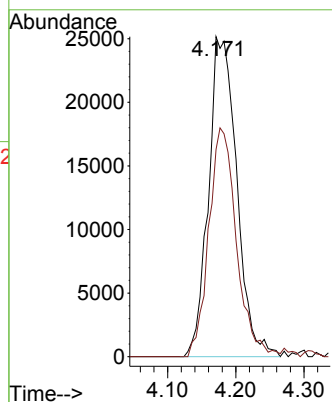
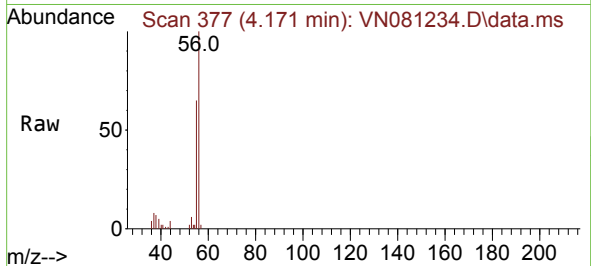




#13
Acrolein
Concen: 234.866 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

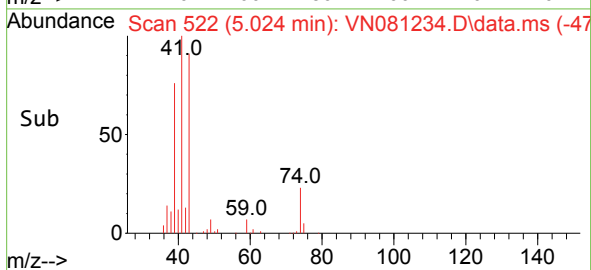
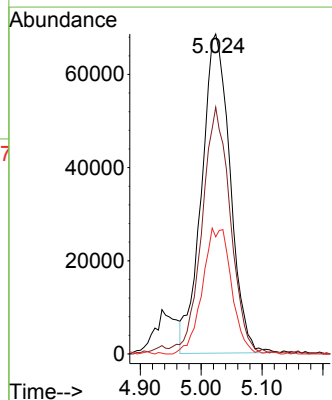
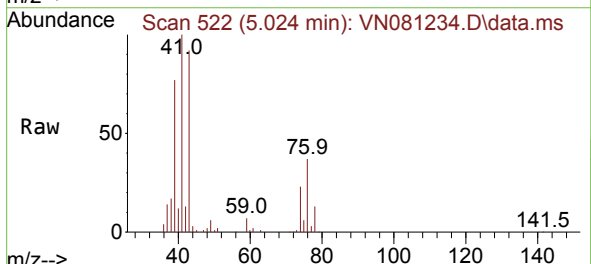
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

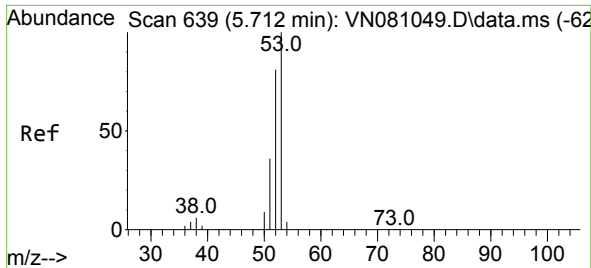
Tgt Ion: 56 Resp: 72587
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9



#14
Allyl chloride
Concen: 51.840 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 41 Resp: 222510
Ion Ratio Lower Upper
41 100
39 76.6 57.7 86.5
76 40.2 26.8 40.2#

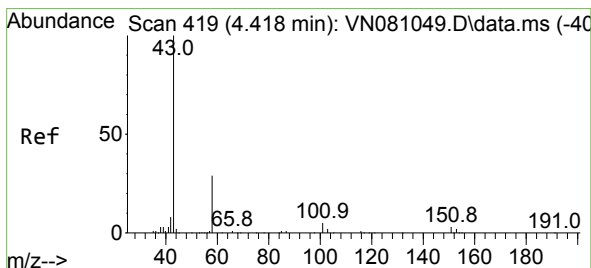
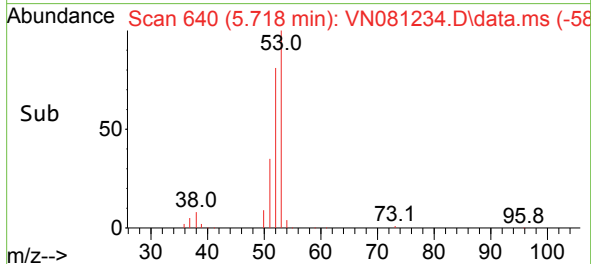
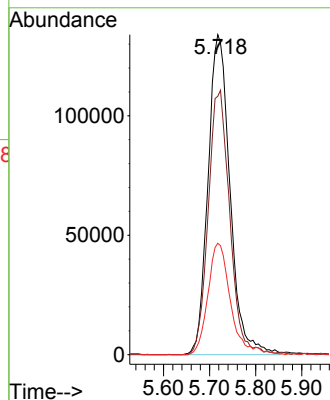
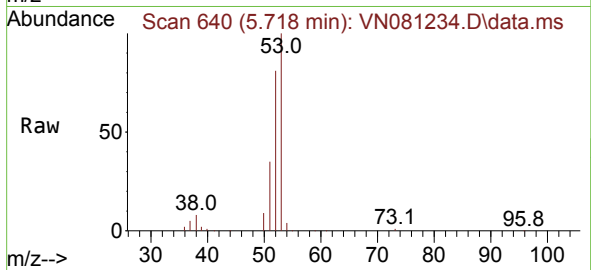




#15
Acrylonitrile
Concen: 296.039 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

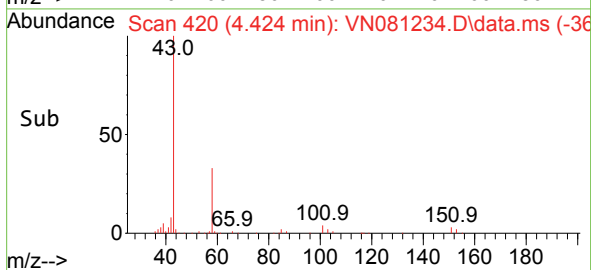
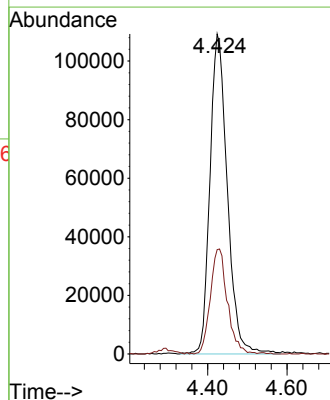
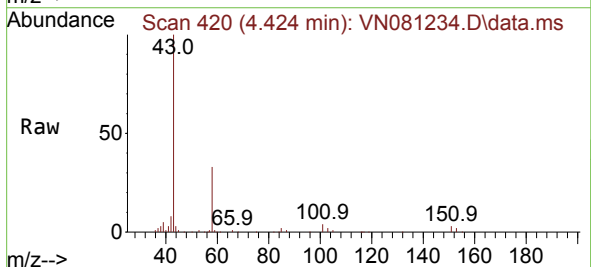
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

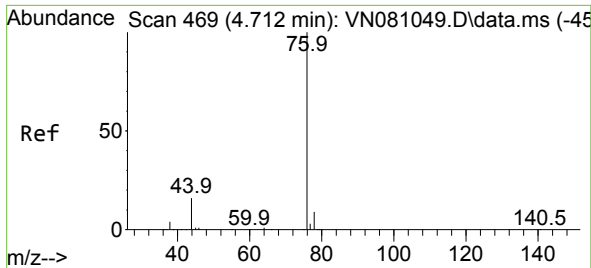
Tgt Ion: 53 Resp: 445820
Ion Ratio Lower Upper
53 100
52 80.7 64.8 97.2
51 35.8 26.9 40.3



#16
Acetone
Concen: 269.473 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 43 Resp: 332457
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2

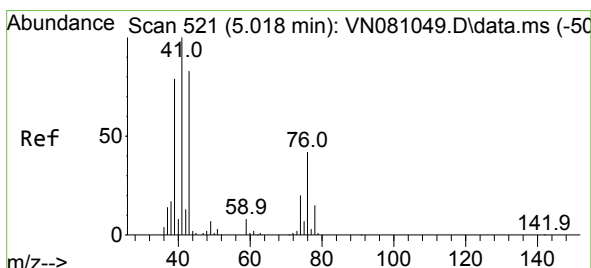
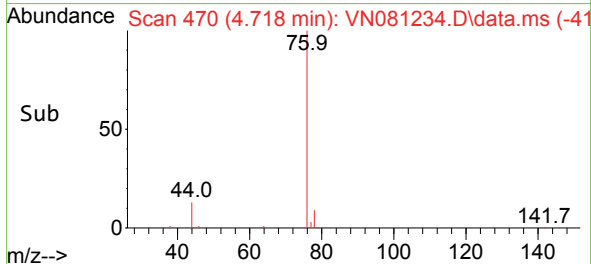
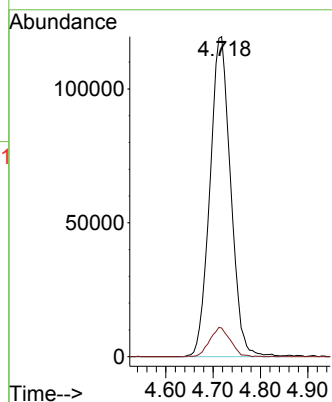
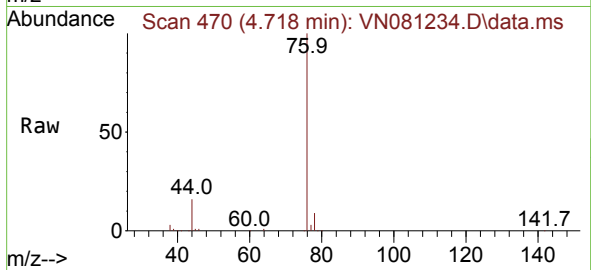




#17
Carbon Disulfide
Concen: 45.067 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

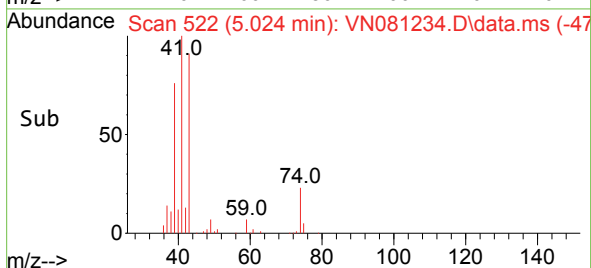
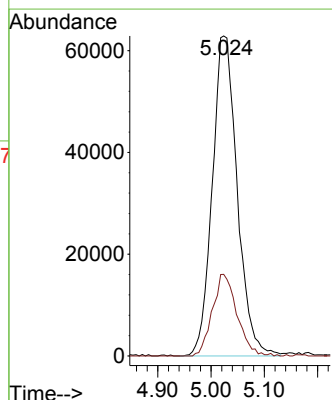
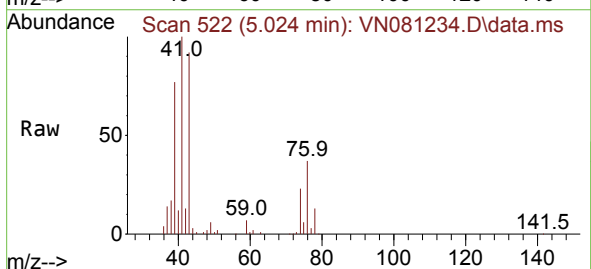
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

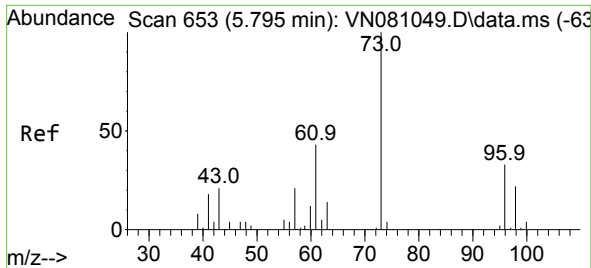
Tgt Ion: 76 Resp: 363638
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



#18
Methyl Acetate
Concen: 67.914 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 43 Resp: 204397
Ion Ratio Lower Upper
43 100
74 25.1 17.3 25.9

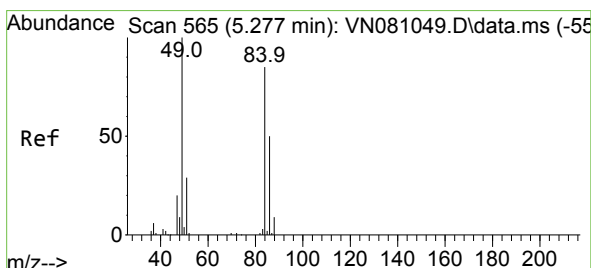
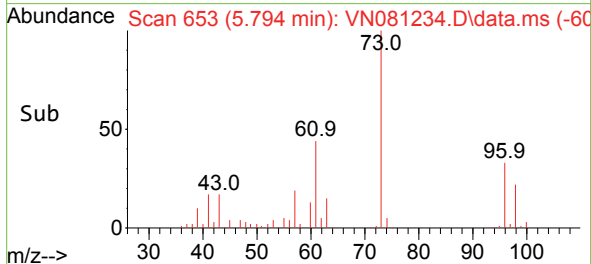
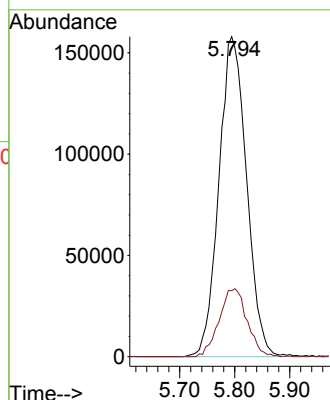
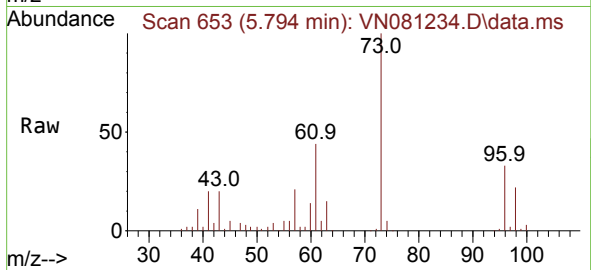




#19
Methyl tert-butyl Ether
Concen: 55.663 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

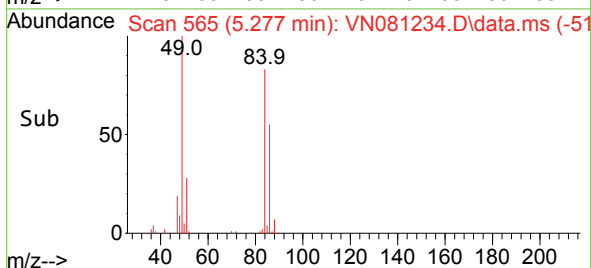
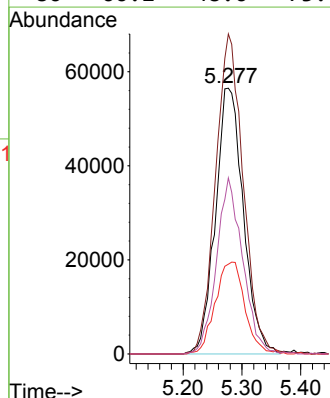
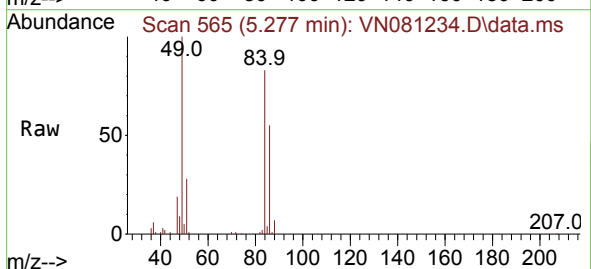
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

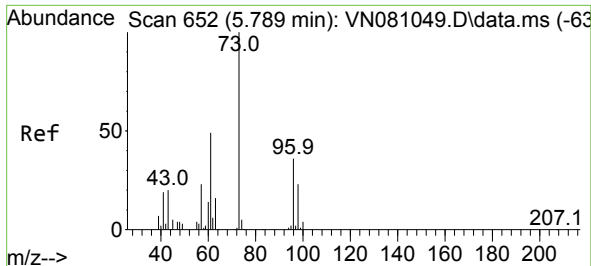
Tgt Ion: 73 Resp: 551503
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4



#20
Methylene Chloride
Concen: 58.491 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 84 Resp: 186180
Ion Ratio Lower Upper
84 100
49 120.4 108.1 162.1
51 33.8 32.9 49.3
86 66.2 48.6 73.0

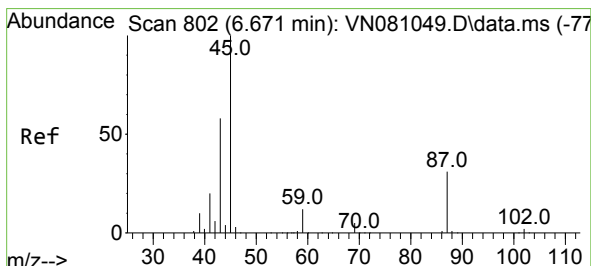
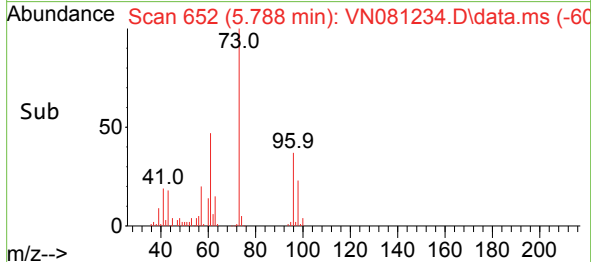
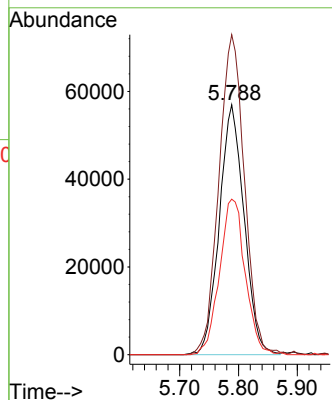
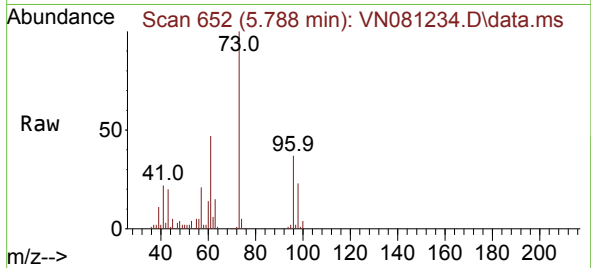




#21
trans-1,2-Dichloroethene
Concen: 51.648 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

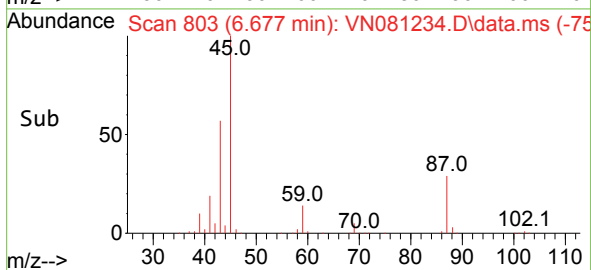
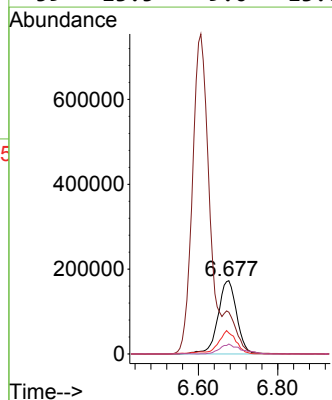
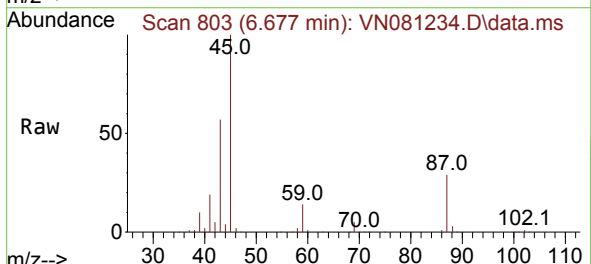
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

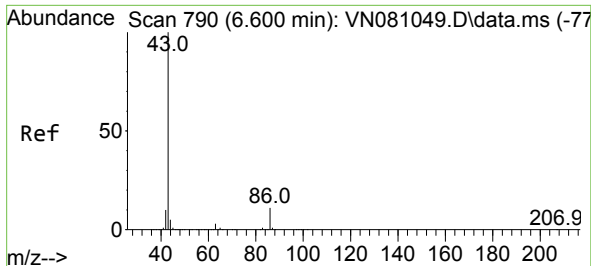
Tgt Ion: 96 Resp: 166694
Ion Ratio Lower Upper
96 100
61 128.1 112.8 169.2
98 62.3 51.0 76.4



#22
Diisopropyl ether
Concen: 58.114 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 45 Resp: 565843
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.8
87 28.7 18.1 27.1#
59 13.5 9.0 13.6

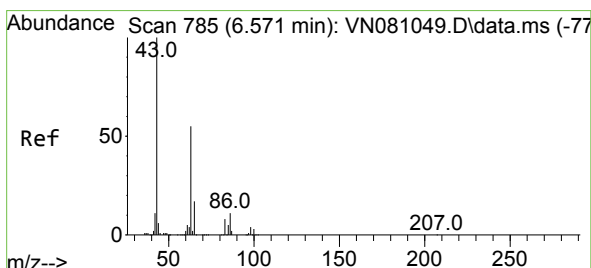
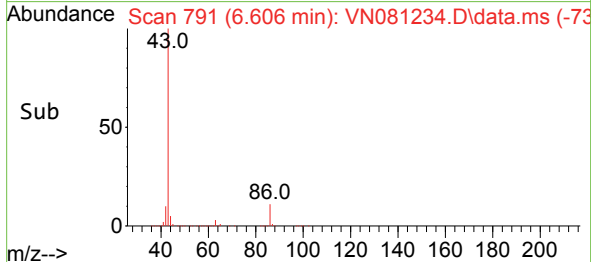
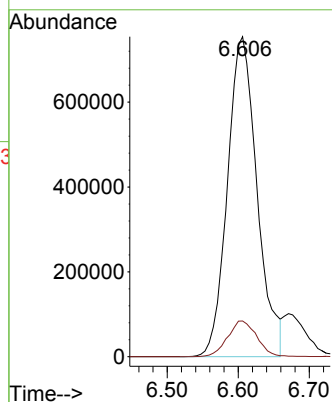
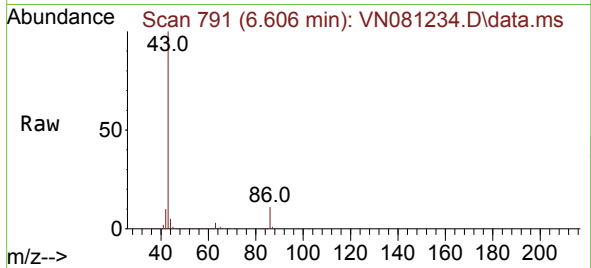




#23
 Vinyl Acetate
 Concen: 276.929 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

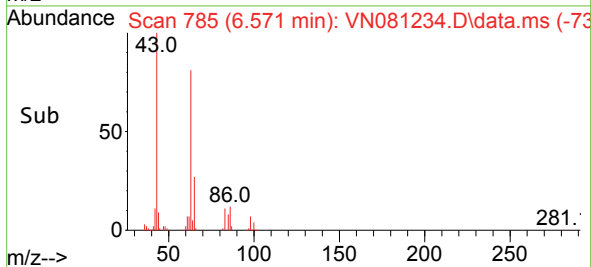
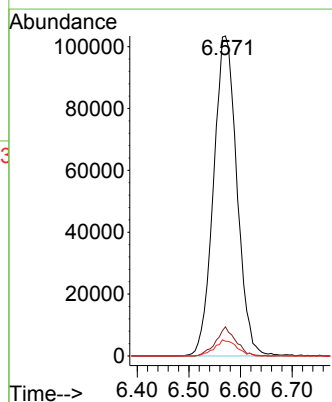
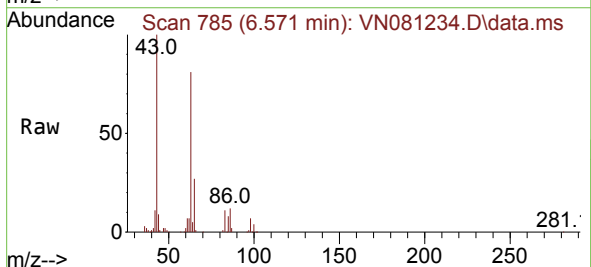
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

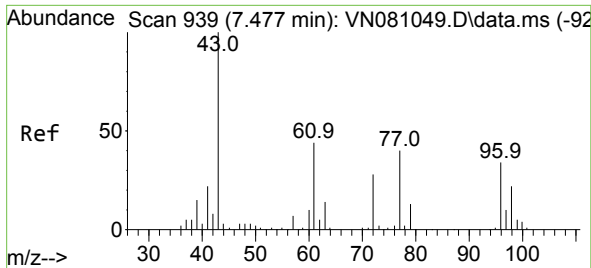
Tgt Ion: 43 Resp: 2187683
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 57.753 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

Tgt Ion: 63 Resp: 325143
 Ion Ratio Lower Upper
 63 100
 98 9.1 2.9 8.6#
 100 4.6 1.9 5.7

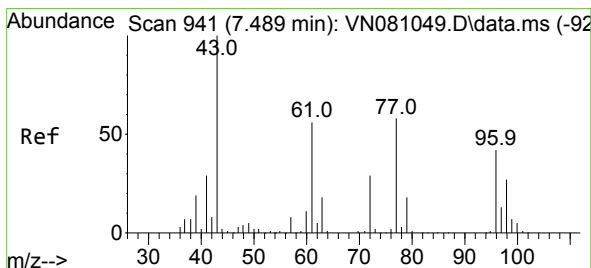
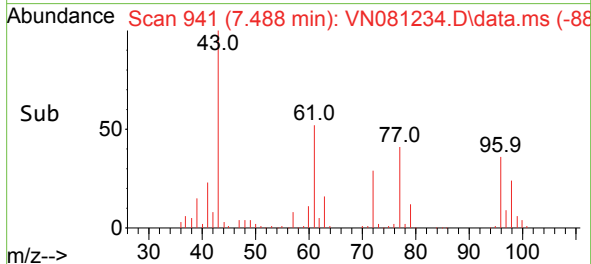
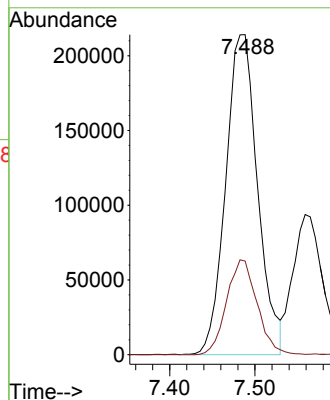
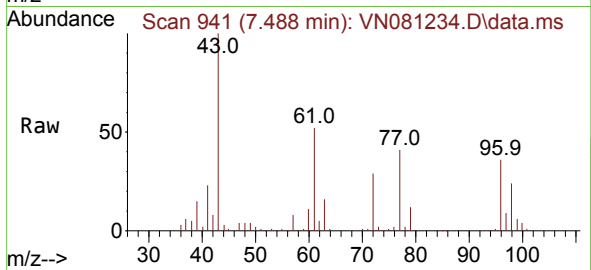




#25
2-Butanone
Concen: 280.136 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

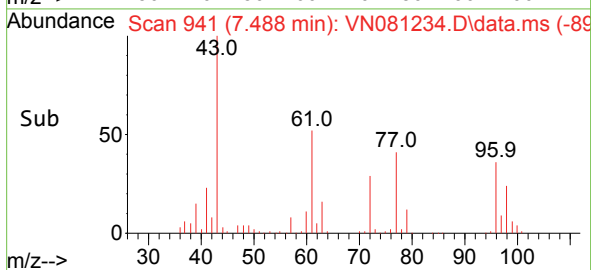
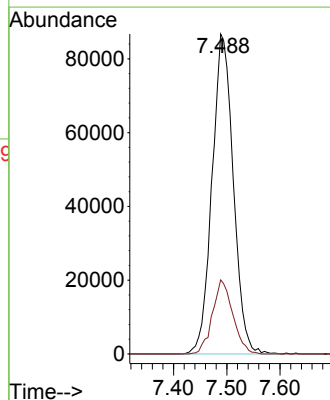
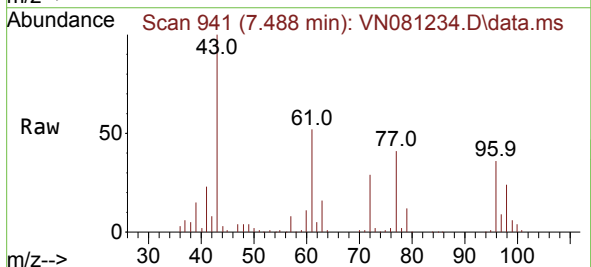
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

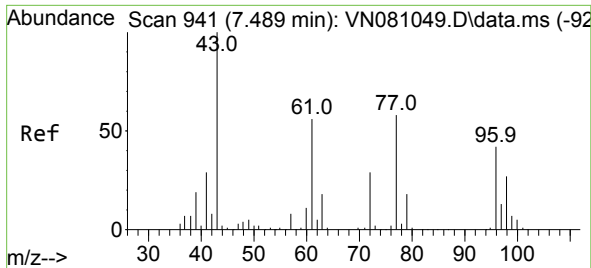
Tgt Ion: 43 Resp: 558348
Ion Ratio Lower Upper
43 100
72 29.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 45.472 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 77 Resp: 239874
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5

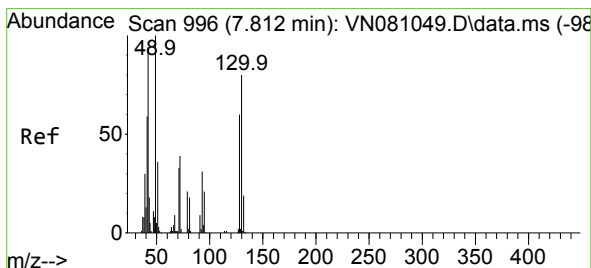
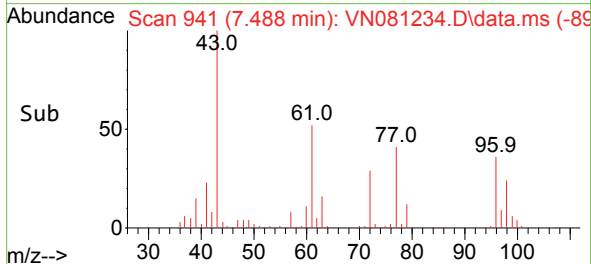
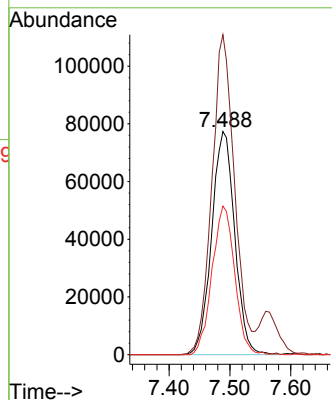
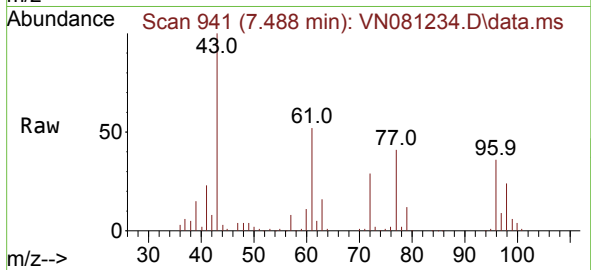




#27
 cis-1,2-Dichloroethene
 Concen: 54.319 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

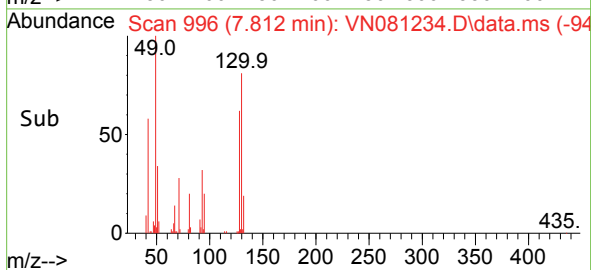
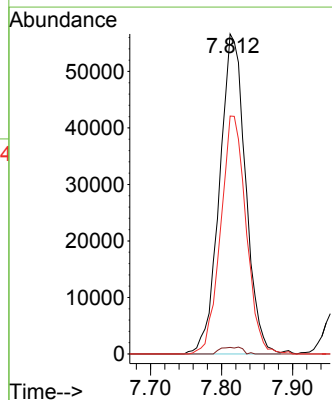
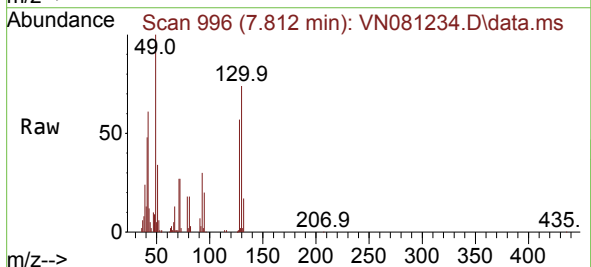
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

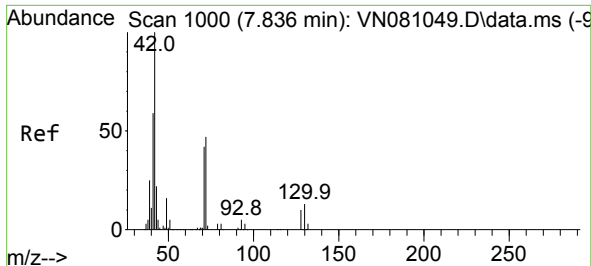
Tgt Ion: 96 Resp: 203689
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 325.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 61.603 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

Tgt Ion: 49 Resp: 143781
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 1.6#
 130 72.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 284.229 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

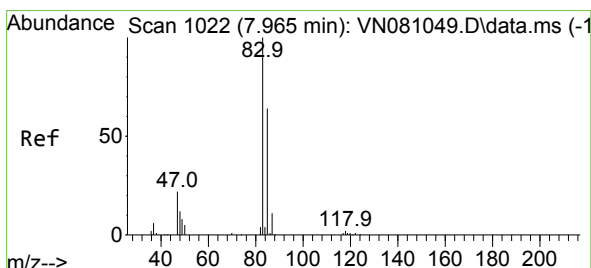
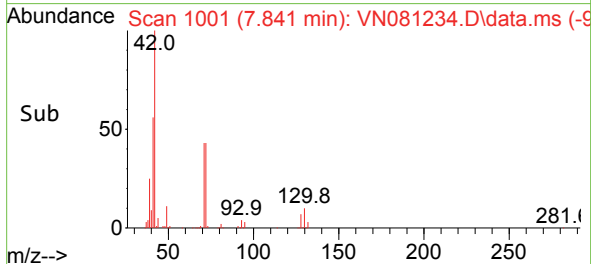
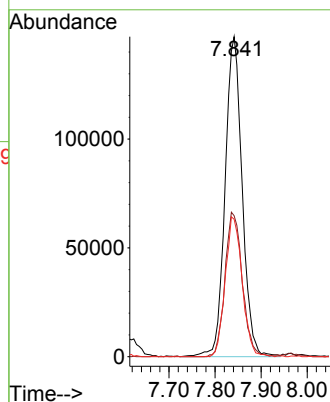
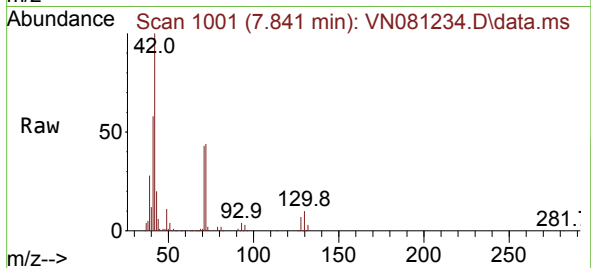
Tgt Ion: 42 Resp: 378169

Ion Ratio Lower Upper

42 100

72 45.6 31.1 46.7

71 43.3 28.3 42.5#



#30

Chloroform

Concen: 58.798 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081234.D

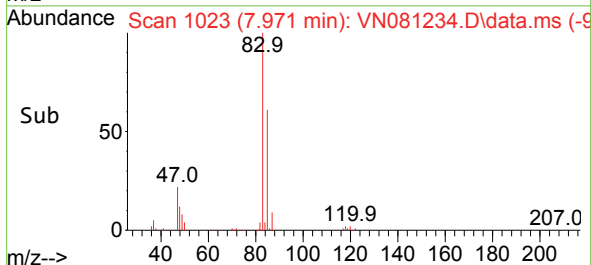
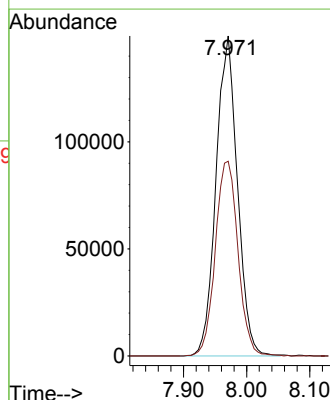
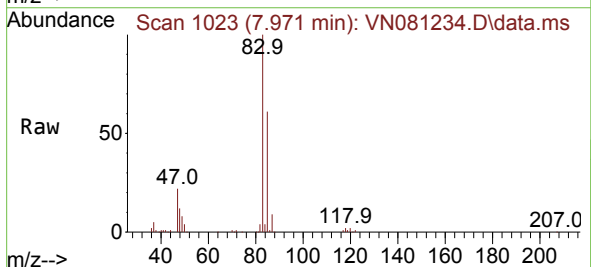
Acq: 27 Feb 2024 21:12

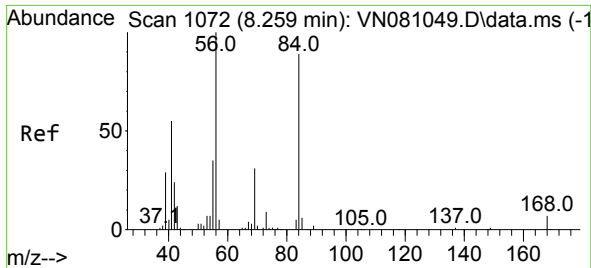
Tgt Ion: 83 Resp: 351911

Ion Ratio Lower Upper

83 100

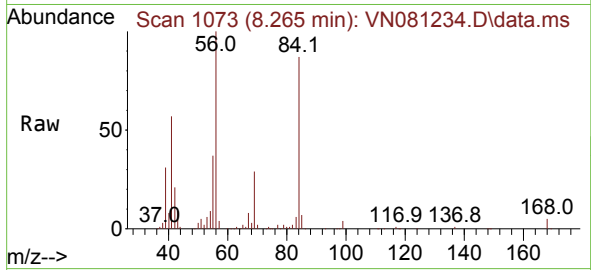
85 60.8 51.0 76.6



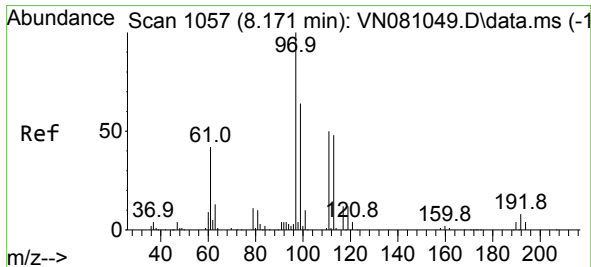
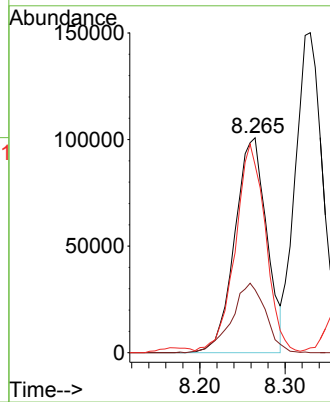
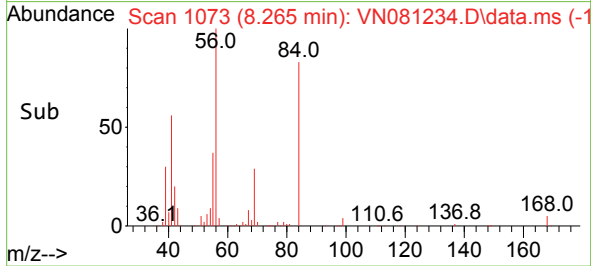


#31
Cyclohexane
Concen: 48.533 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

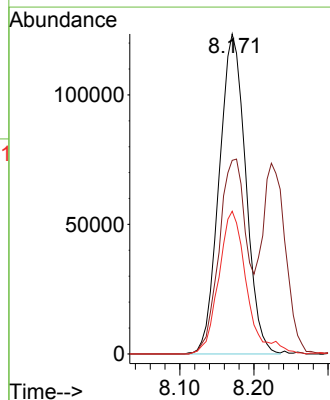
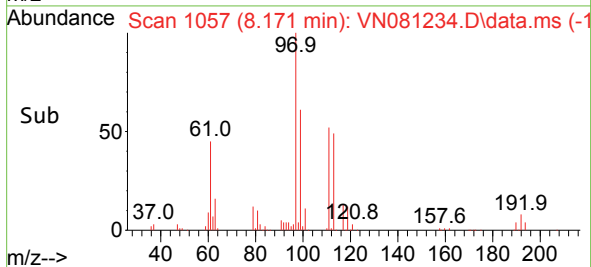
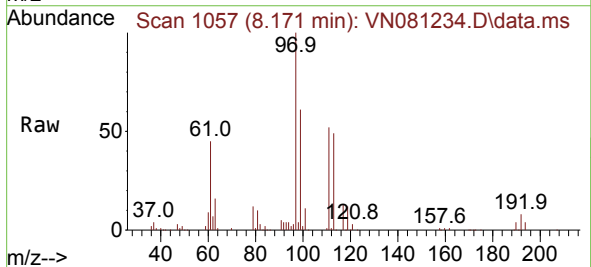


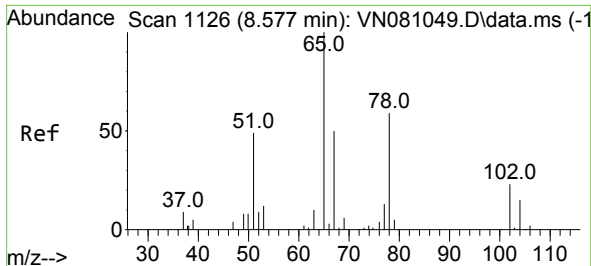
Tgt Ion: 56 Resp: 262753
Ion Ratio Lower Upper
56 100
69 28.9 20.1 30.1
84 85.3 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 56.326 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 97 Resp: 307019
Ion Ratio Lower Upper
97 100
99 63.7 53.4 80.0
61 47.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.280 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

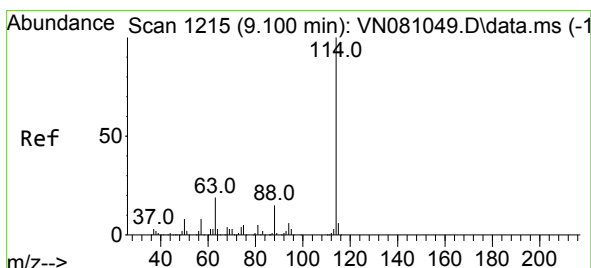
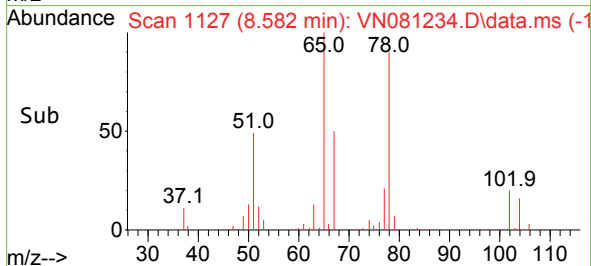
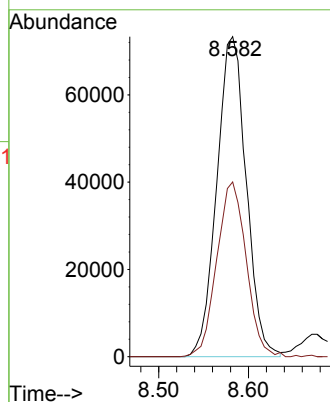
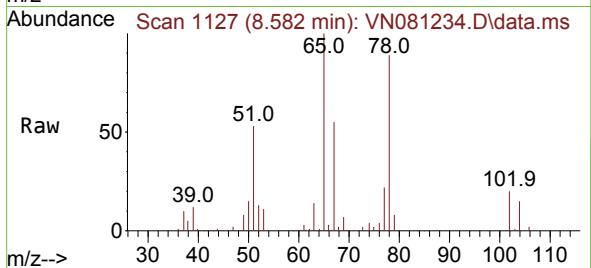
VSTDCCC050EC

Tgt Ion: 65 Resp: 167057

Ion Ratio Lower Upper

65 100

67 54.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

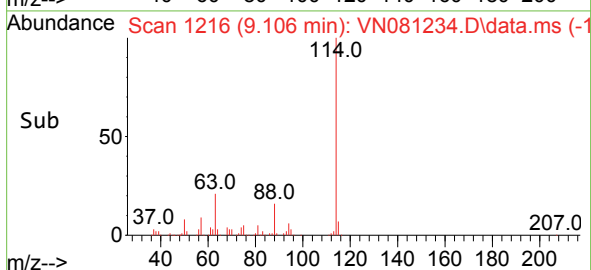
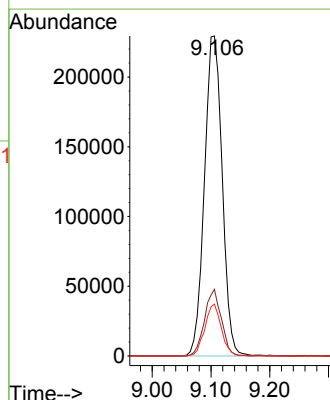
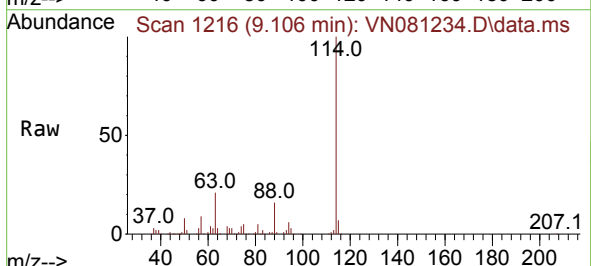
Tgt Ion:114 Resp: 480991

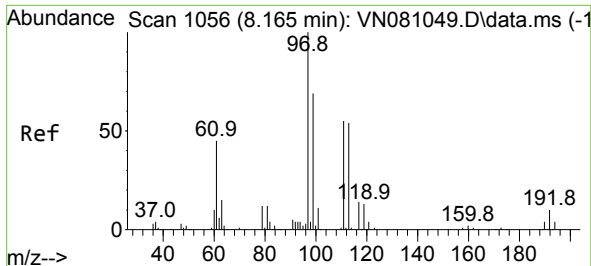
Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

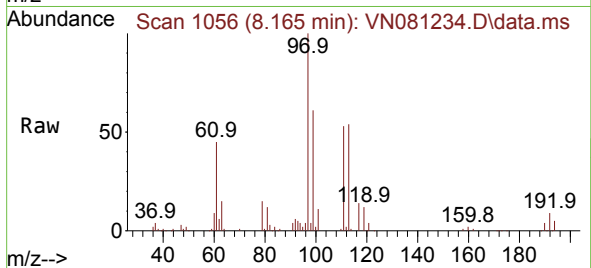
88 16.2 0.0 34.8



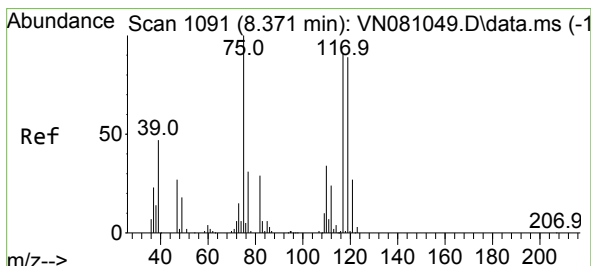
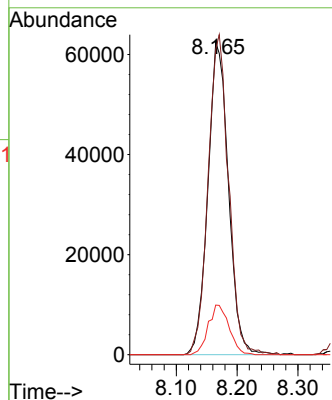
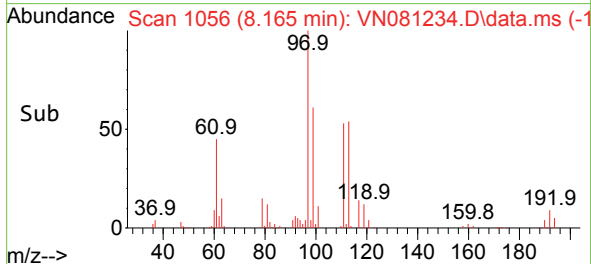


#35
Dibromofluoromethane
Concen: 53.865 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

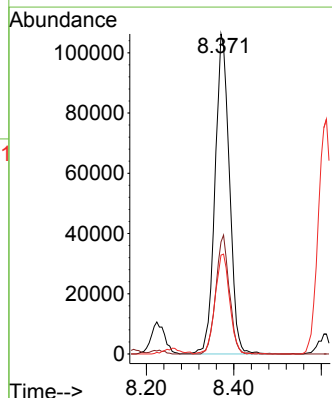
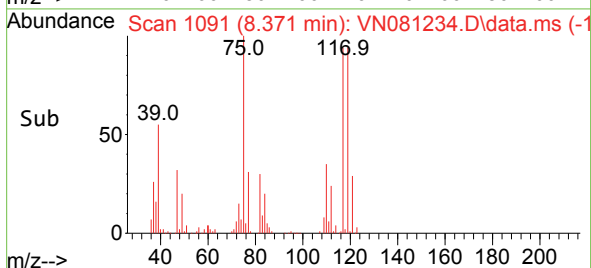
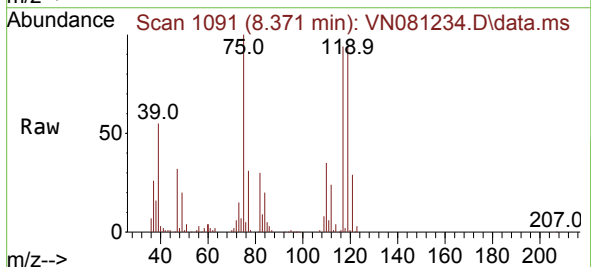


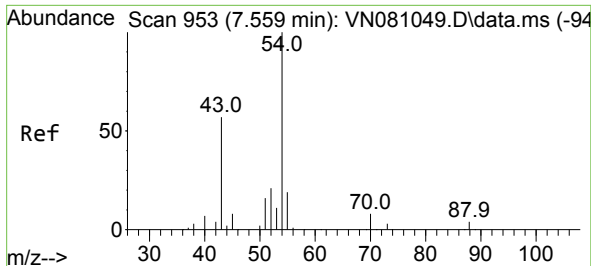
Tgt Ion:113 Resp: 146505
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 52.194 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 75 Resp: 243208
Ion Ratio Lower Upper
75 100
110 34.8 16.0 48.0
77 31.5 25.8 38.6

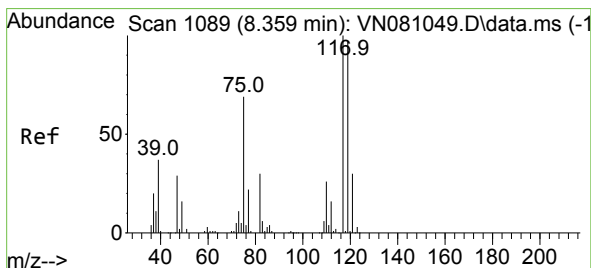
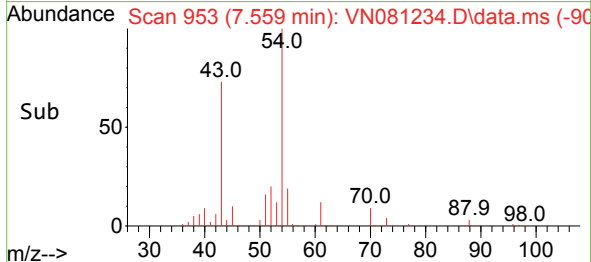
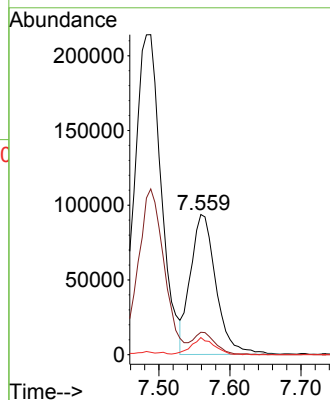
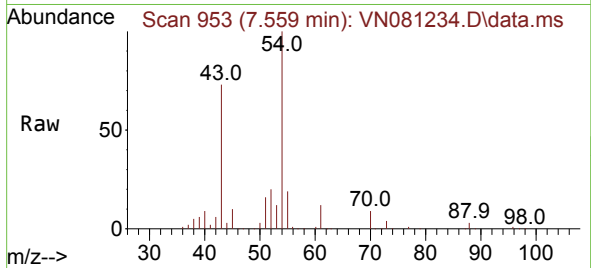




#37
Ethyl Acetate
Concen: 55.503 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

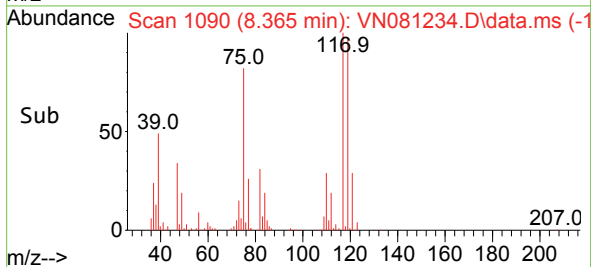
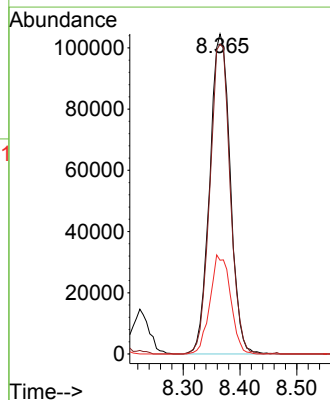
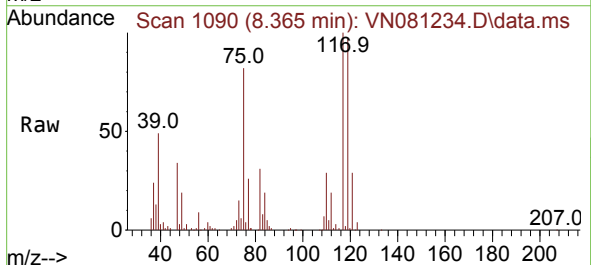
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 233412
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 55.544 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 117 Resp: 261854
Ion Ratio Lower Upper
117 100
119 96.8 73.4 110.2
121 29.3 24.4 36.6





#39

Methylcyclohexane

Concen: 50.969 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

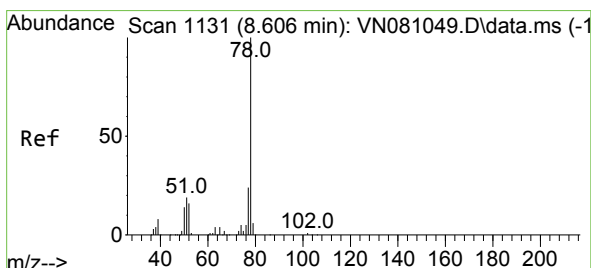
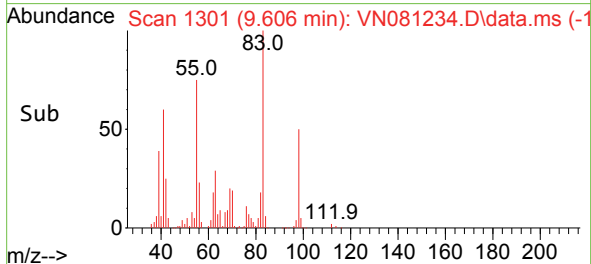
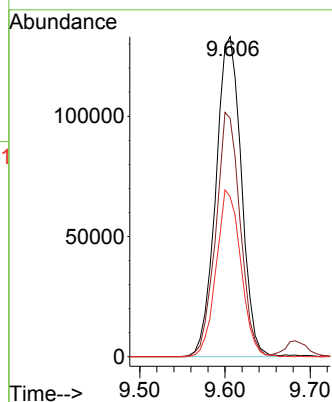
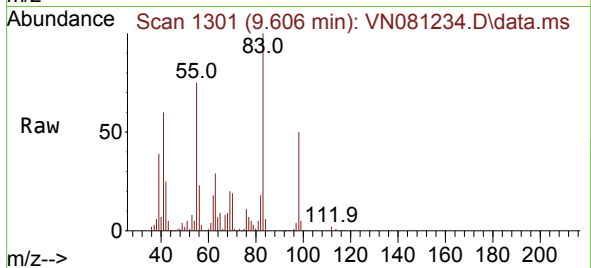
Tgt Ion: 83 Resp: 276856

Ion Ratio Lower Upper

83 100

55 74.6 65.7 98.5

98 50.0 33.8 50.6



#40

Benzene

Concen: 55.123 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081234.D

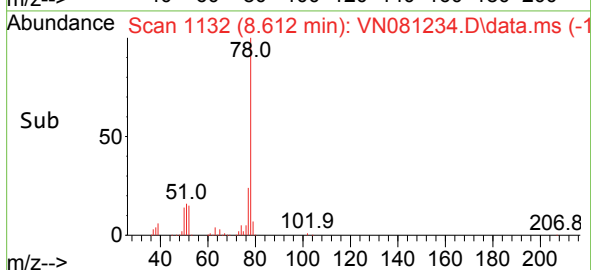
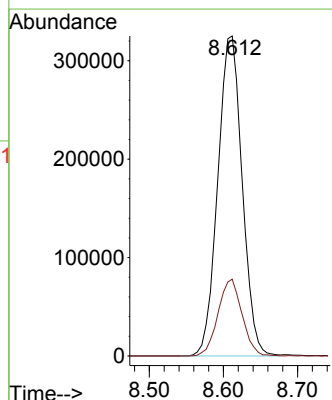
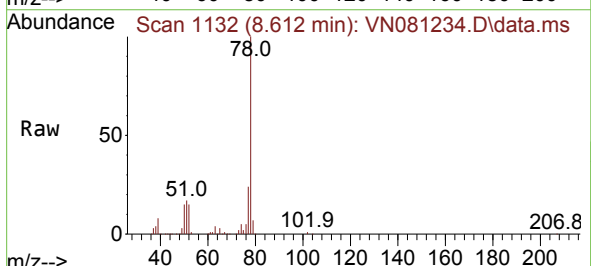
Acq: 27 Feb 2024 21:12

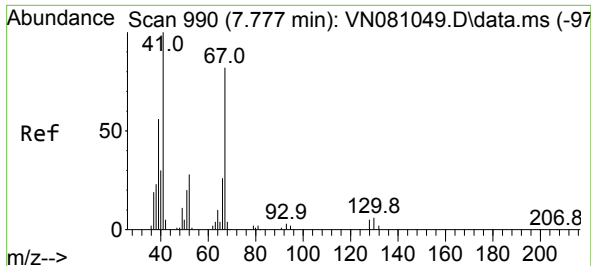
Tgt Ion: 78 Resp: 743464

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

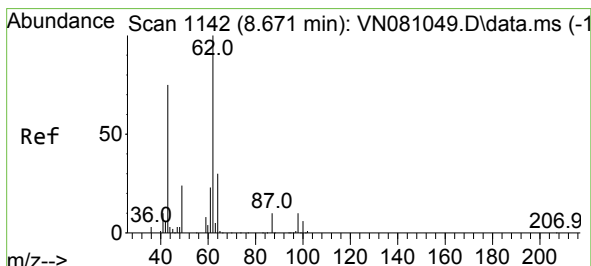
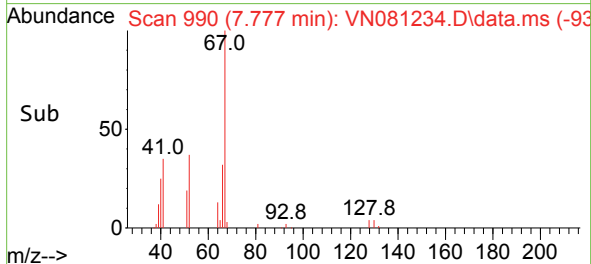
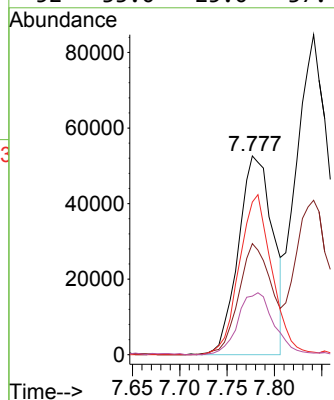
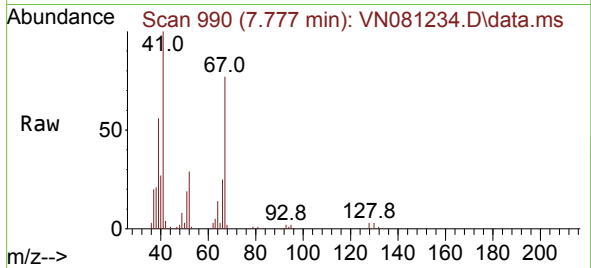




#41
Methacrylonitrile
Concen: 55.563 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

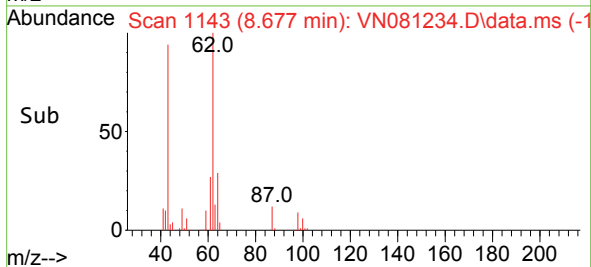
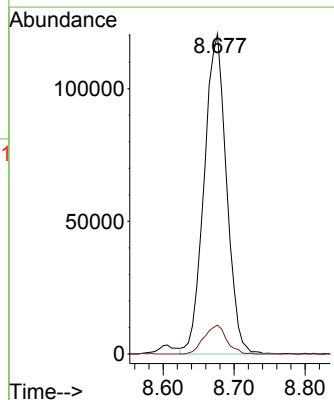
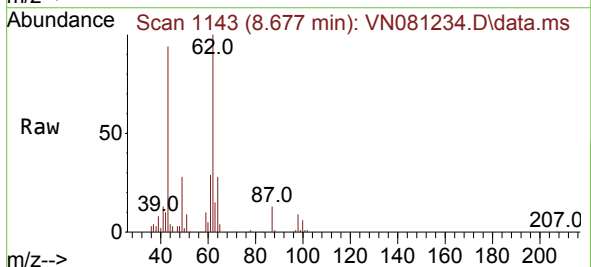
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

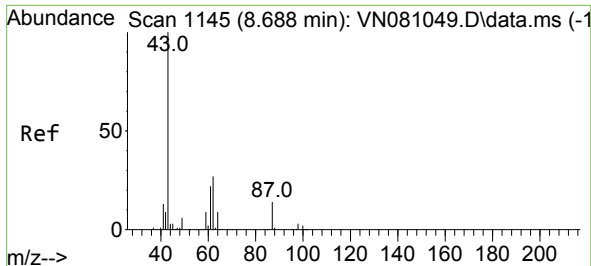
Tgt Ion:	41	Resp:	132985
Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.4	72.6
67	76.7	56.8	85.2
52	33.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 56.269 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:	62	Resp:	264776
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

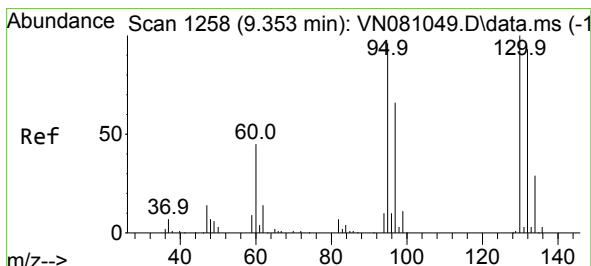
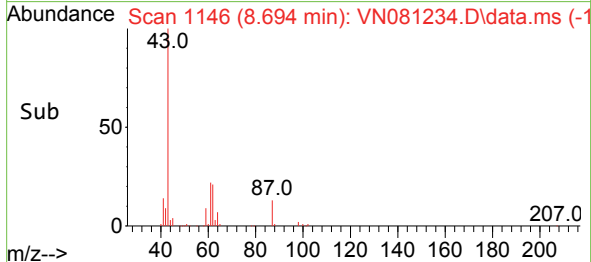
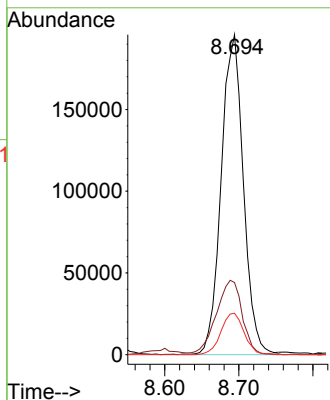
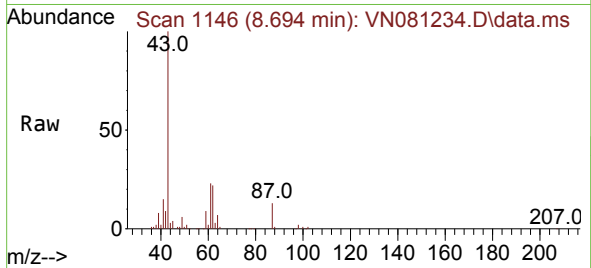




#43
Isopropyl Acetate
Concen: 55.449 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

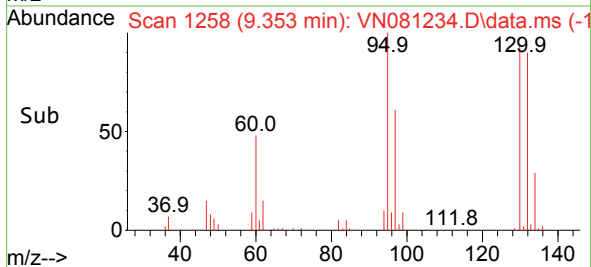
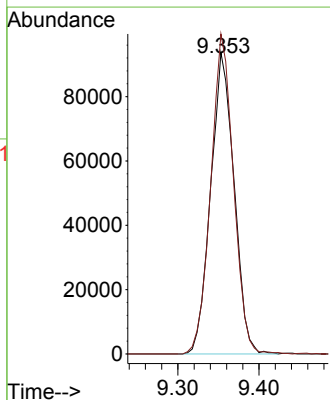
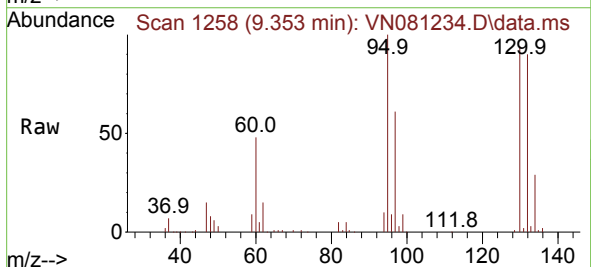
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

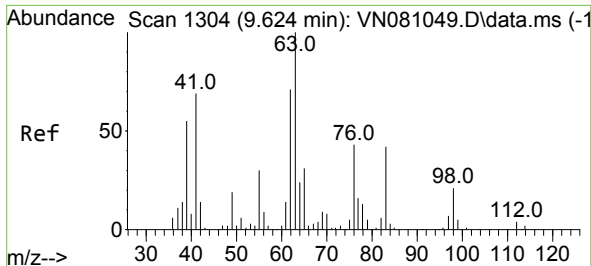
Tgt Ion: 43 Resp: 407826
Ion Ratio Lower Upper
43 100
61 27.3 19.9 29.9
87 13.5 9.0 13.6



#44
Trichloroethene
Concen: 52.162 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:130 Resp: 187383
Ion Ratio Lower Upper
130 100
95 106.2 0.0 210.4

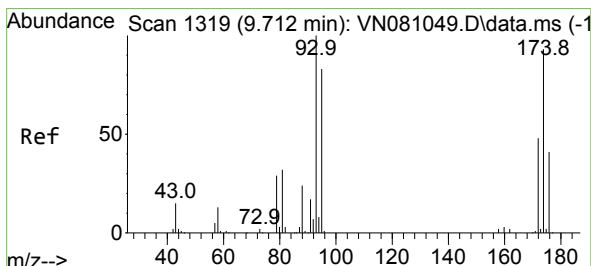
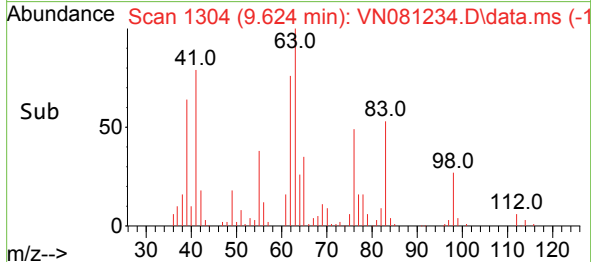
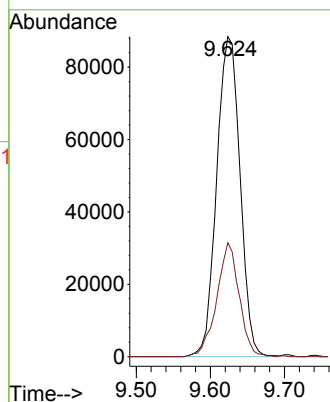
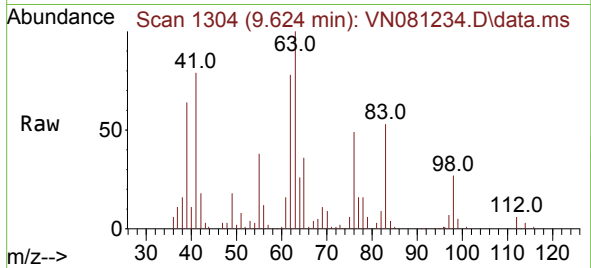




#45
1,2-Dichloropropane
Concen: 57.349 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

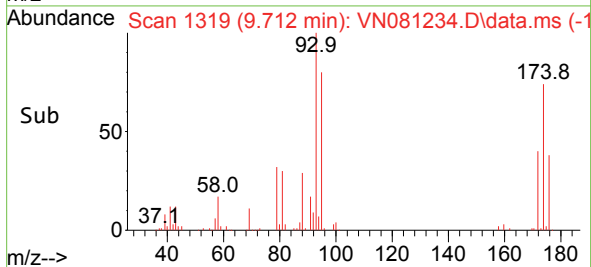
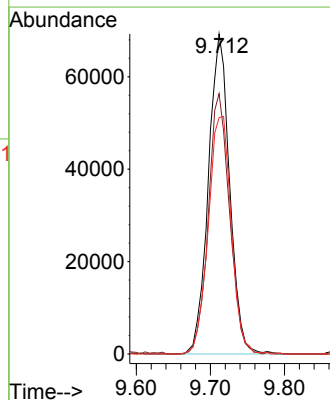
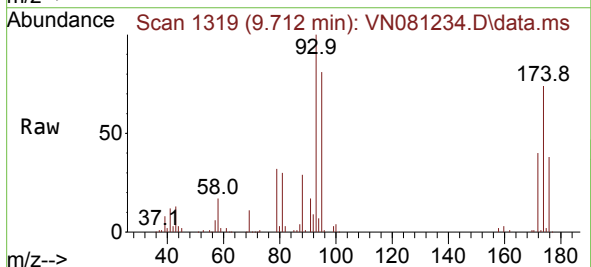
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

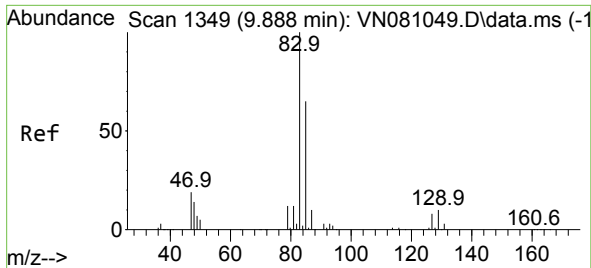
Tgt Ion: 63 Resp: 193486
Ion Ratio Lower Upper
63 100
65 35.6 26.1 39.1



#46
Dibromomethane
Concen: 55.930 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 93 Resp: 137488
Ion Ratio Lower Upper
93 100
95 81.7 68.1 102.1
174 80.2 57.2 85.8

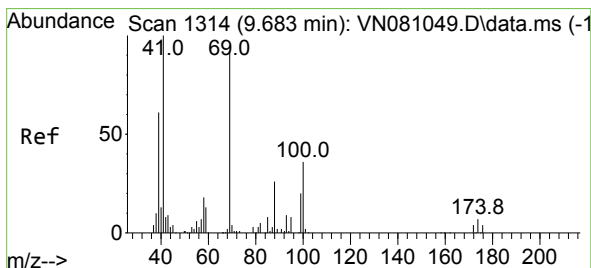
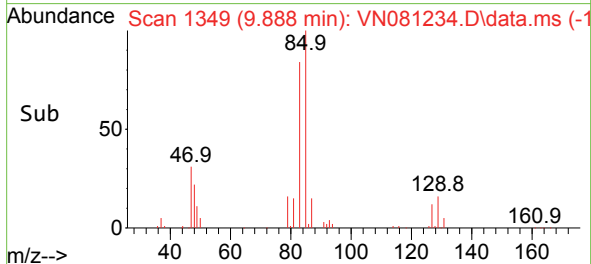
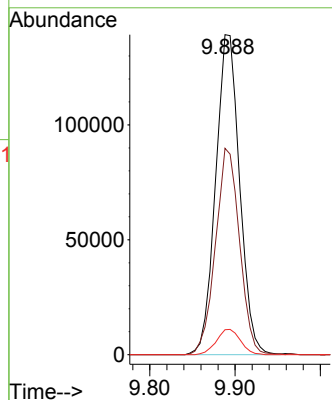
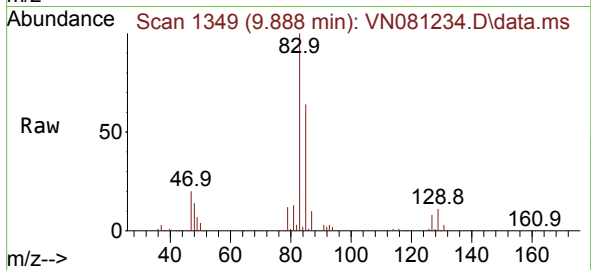




#47
Bromodichloromethane
Concen: 58.516 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

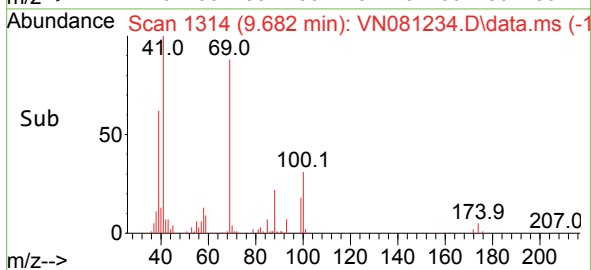
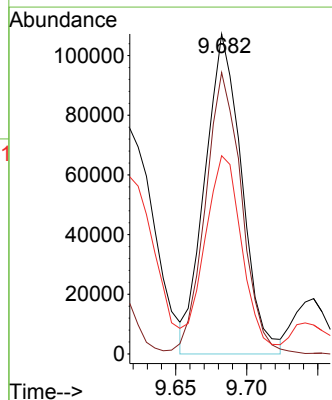
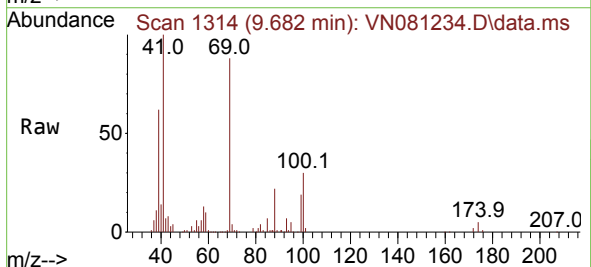
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

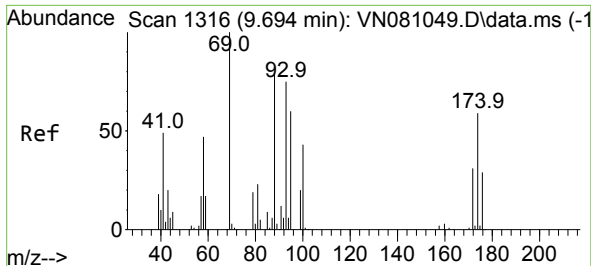
Tgt Ion: 83 Resp: 272434
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5
127 7.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 56.477 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 41 Resp: 193285
Ion Ratio Lower Upper
41 100
69 87.1 62.2 93.2
39 63.3 47.6 71.4





#49

1,4-Dioxane

Concen: 1233.911 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

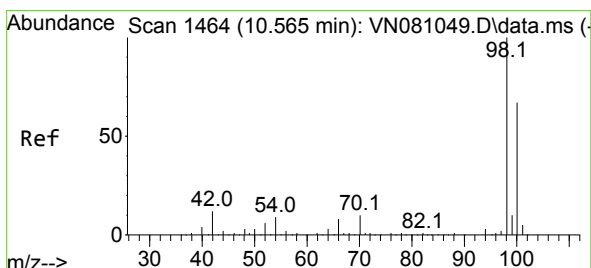
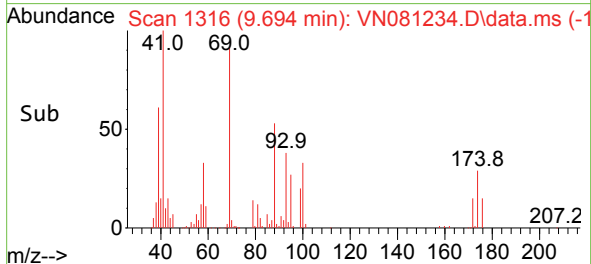
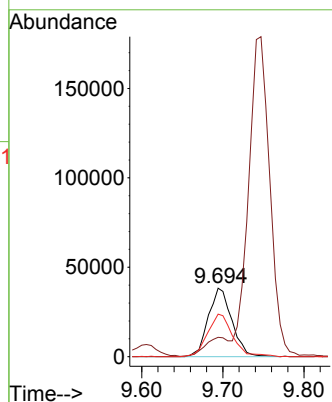
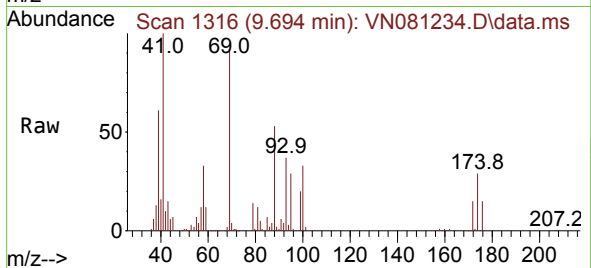
Tgt Ion: 88 Resp: 77121

Ion Ratio Lower Upper

88 100

43 26.5 30.1 45.1#

58 66.4 63.9 95.9



#50

Toluene-d8

Concen: 49.282 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081234.D

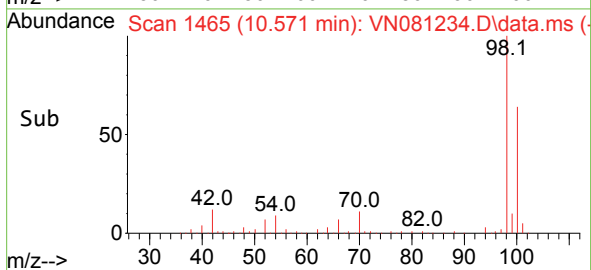
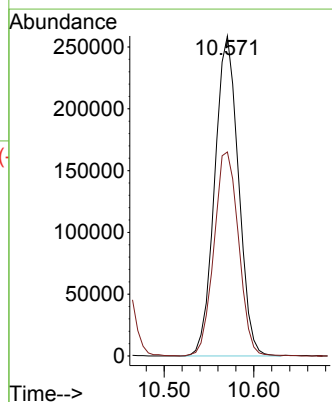
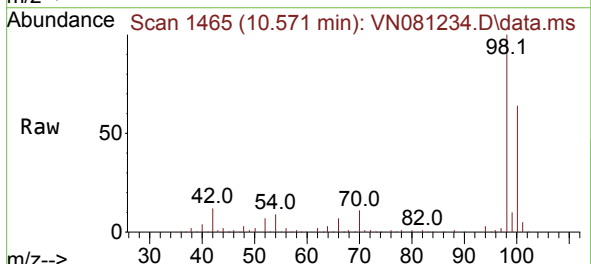
Acq: 27 Feb 2024 21:12

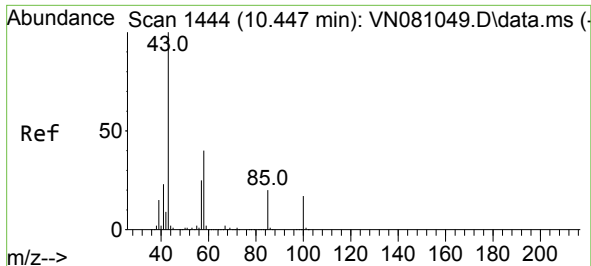
Tgt Ion: 98 Resp: 476076

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

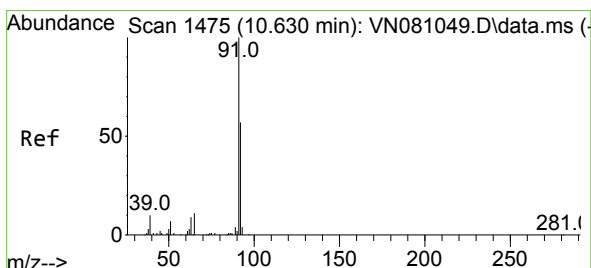
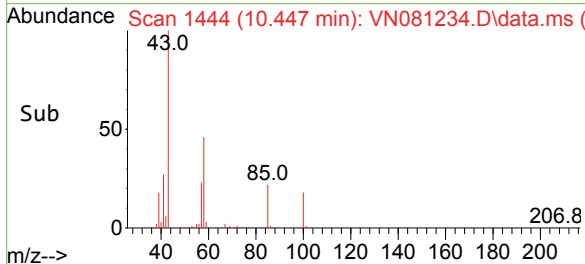
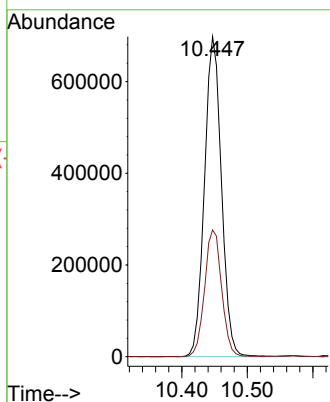
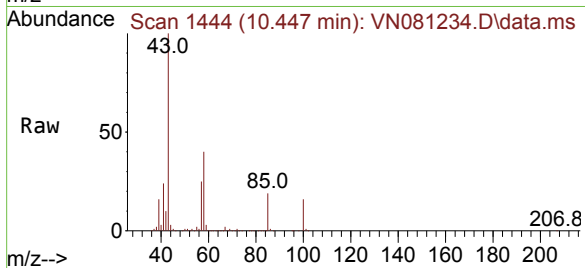




#51
4-Methyl-2-Pentanone
Concen: 296.944 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

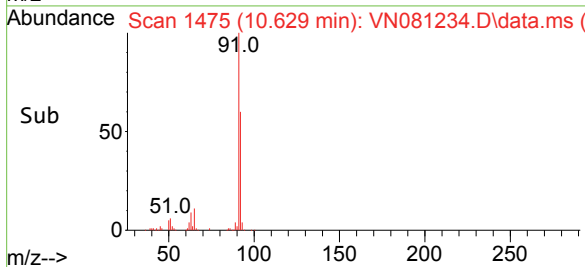
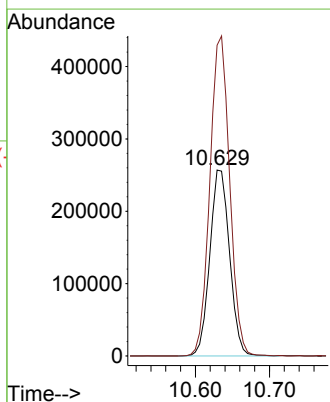
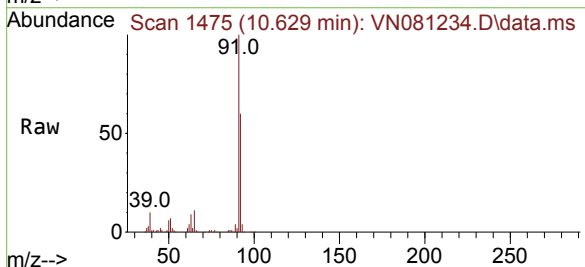
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

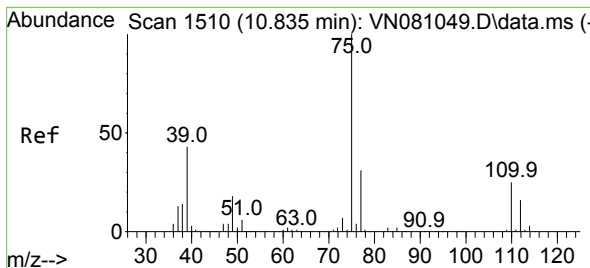
Tgt Ion: 43 Resp: 1256361
Ion Ratio Lower Upper
43 100
58 39.8 29.4 44.0



#52
Toluene
Concen: 55.648 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 92 Resp: 475153
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0

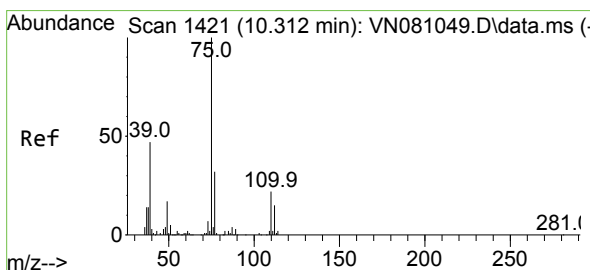
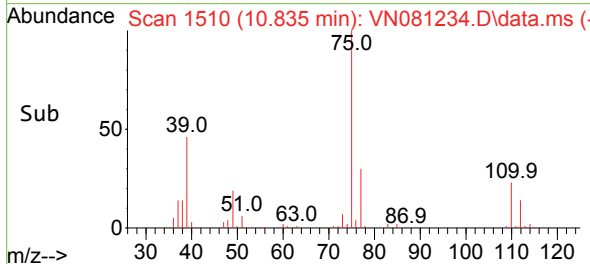
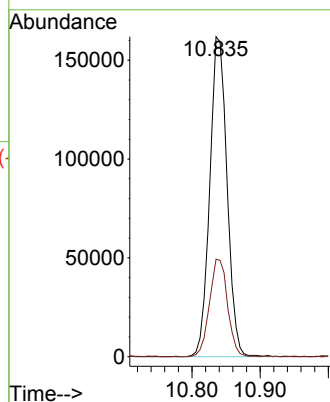
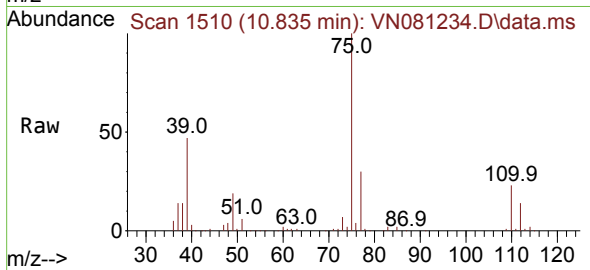




#53
 t-1,3-Dichloropropene
 Concen: 55.174 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

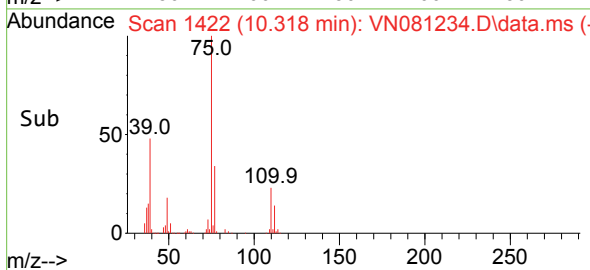
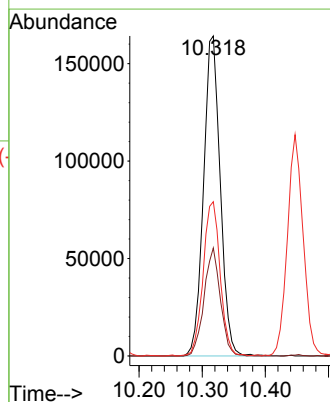
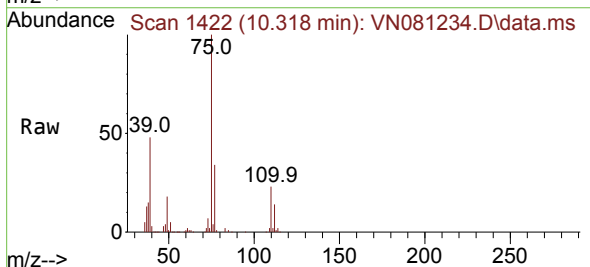
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

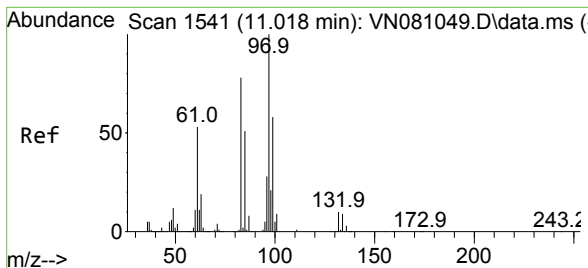
Tgt Ion: 75 Resp: 285457
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.080 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

Tgt Ion: 75 Resp: 302295
 Ion Ratio Lower Upper
 75 100
 77 33.8 23.3 34.9
 39 48.1 44.6 66.8

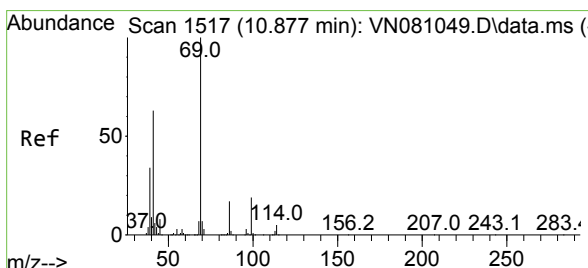
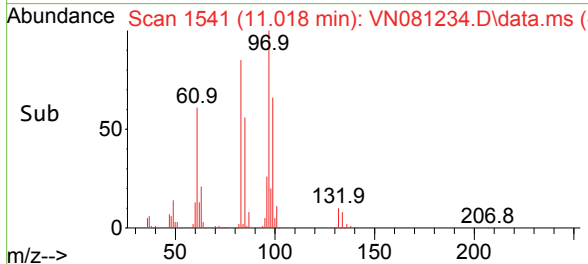
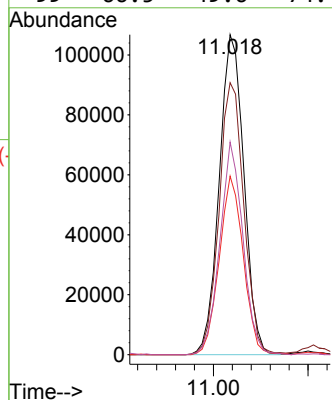
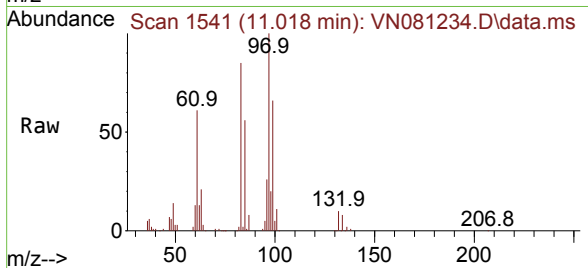




#55
1,1,2-Trichloroethane
Concen: 58.894 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

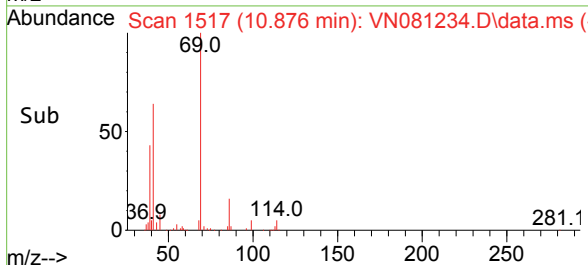
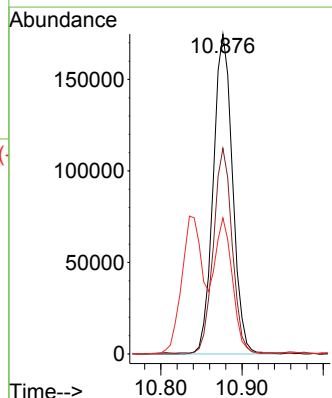
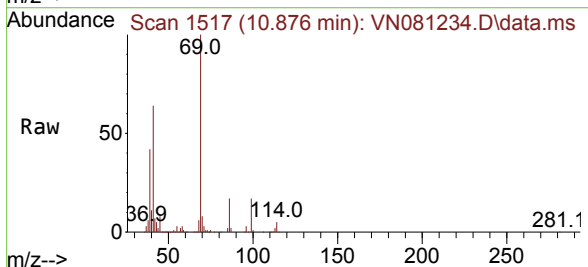
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	193413
Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.9	109.3
85	55.8	50.2	75.2
99	66.5	49.6	74.4



#56
Ethyl methacrylate
Concen: 57.487 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:	69	Resp:	288537
Ion	Ratio	Lower	Upper
69	100		
41	61.6	61.0	91.6
39	39.1	31.8	47.6





#57

1,3-Dichloropropane

Concen: 57.865 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

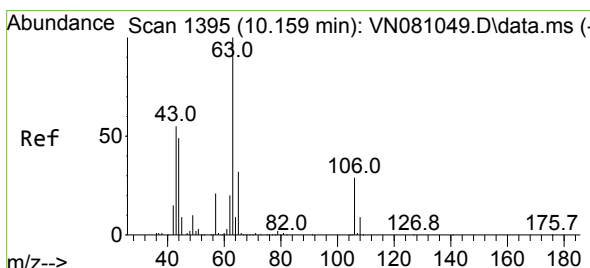
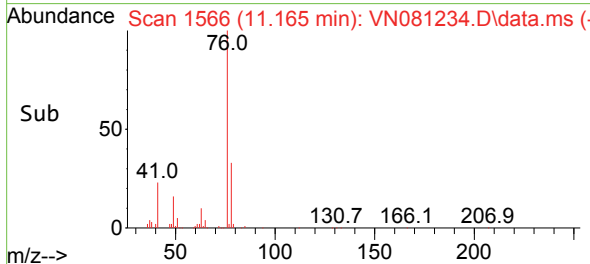
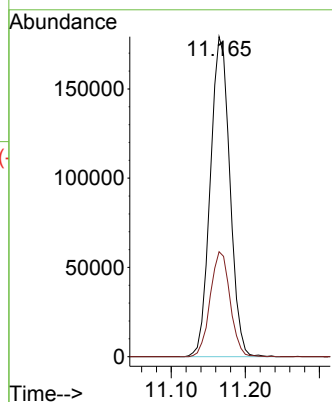
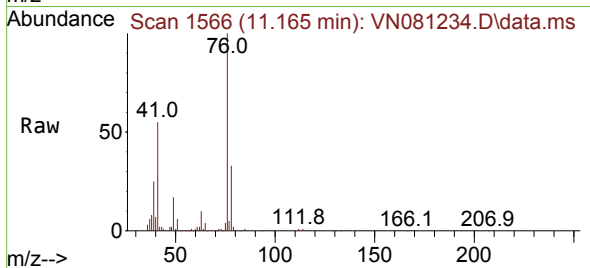
VSTDCCC050EC

Tgt Ion: 76 Resp: 328580

Ion Ratio Lower Upper

76 100

78 33.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 285.628 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081234.D

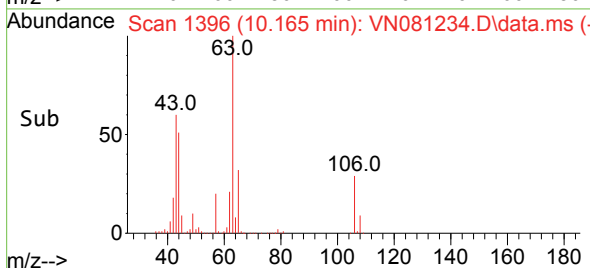
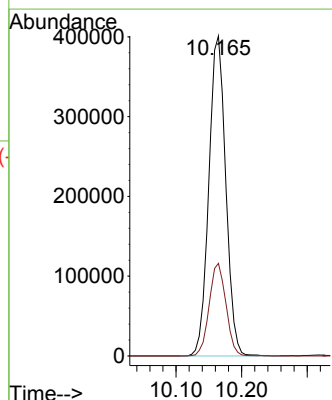
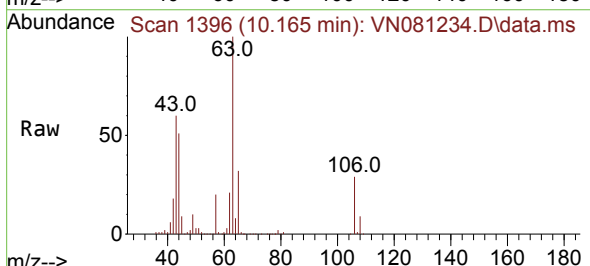
Acq: 27 Feb 2024 21:12

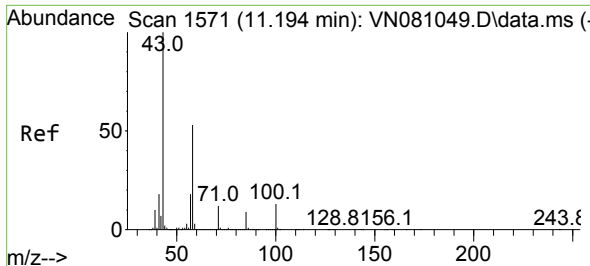
Tgt Ion: 63 Resp: 719307

Ion Ratio Lower Upper

63 100

106 28.7 18.6 28.0#

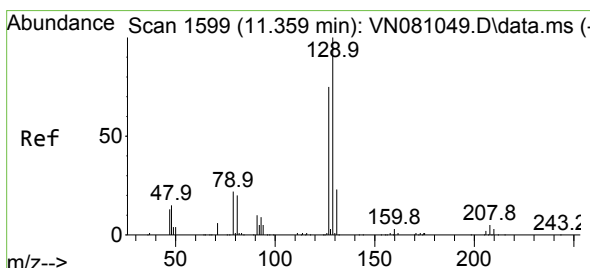
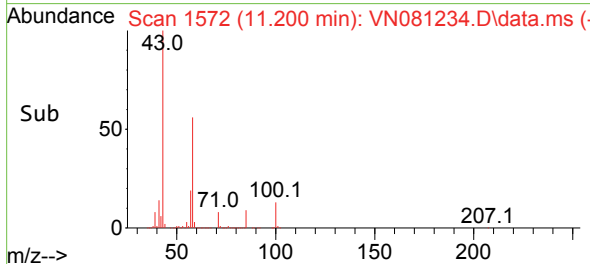
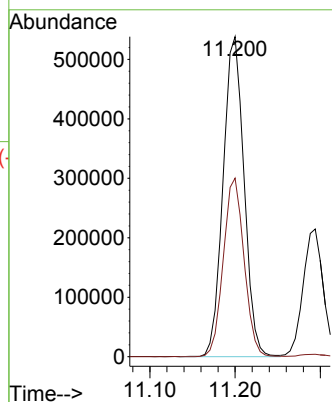
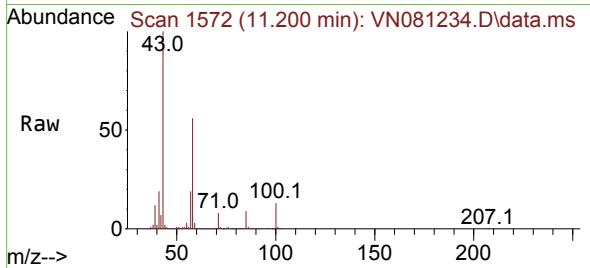




#59
2-Hexanone
Concen: 274.216 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

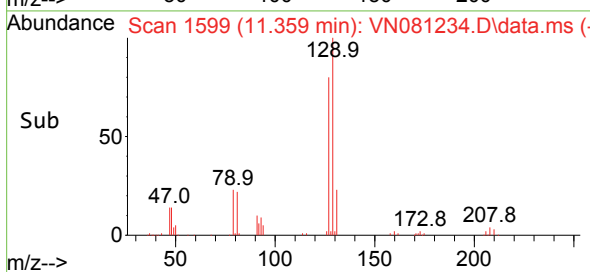
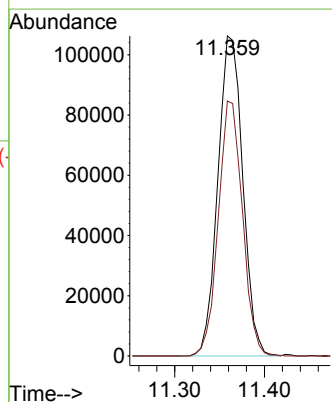
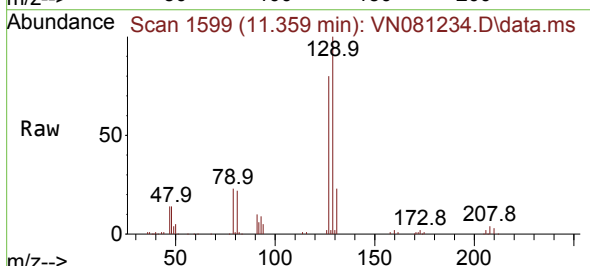
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

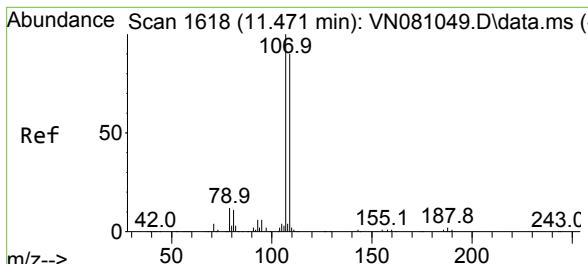
Tgt Ion: 43 Resp: 919811
Ion Ratio Lower Upper
43 100
58 55.2 25.9 77.8



#60
Dibromochloromethane
Concen: 58.669 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 129 Resp: 204684
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2

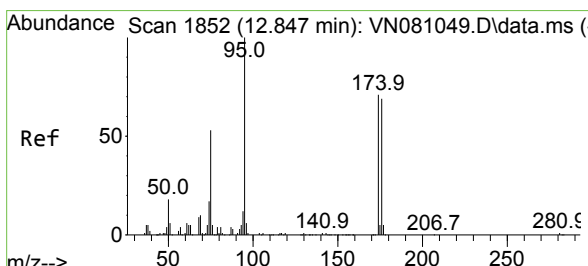
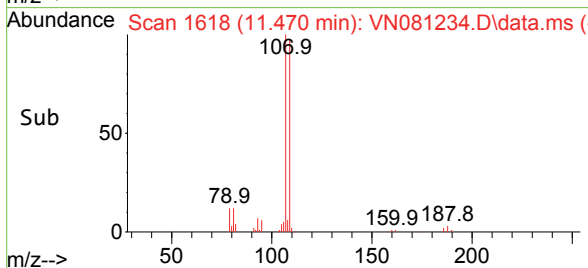
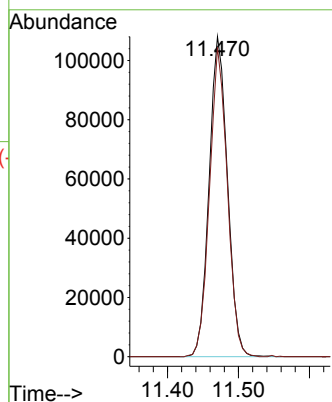
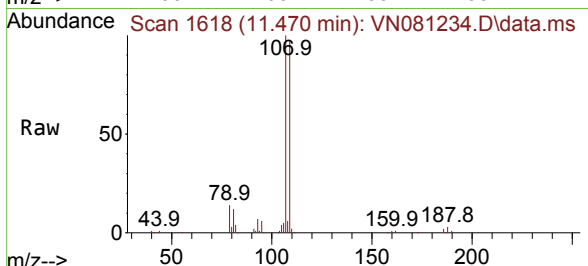




#61
1,2-Dibromoethane
Concen: 56.165 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

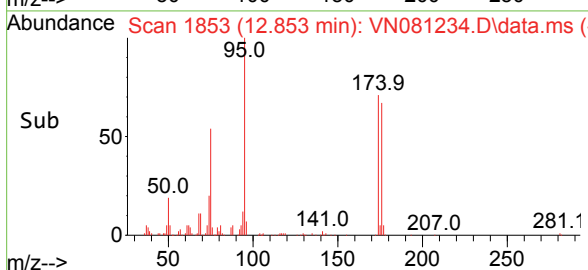
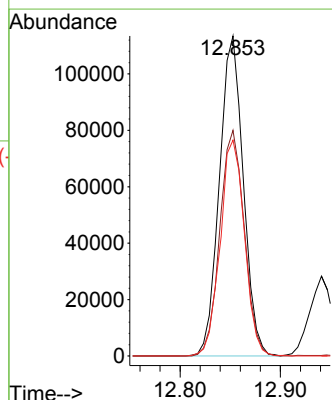
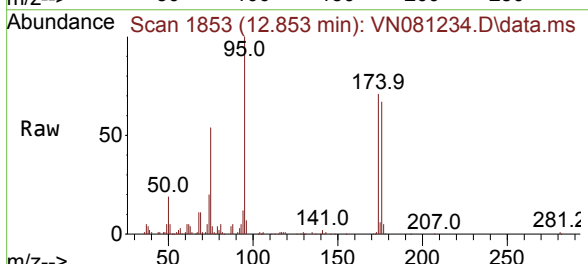
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

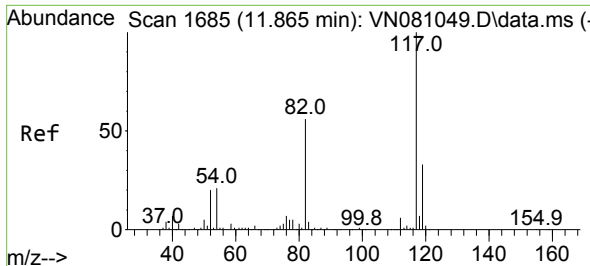
Tgt Ion:107 Resp: 193965
Ion Ratio Lower Upper
107 100
109 93.8 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.622 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 95 Resp: 187382
Ion Ratio Lower Upper
95 100
174 72.1 0.0 120.4
176 68.5 0.0 121.0

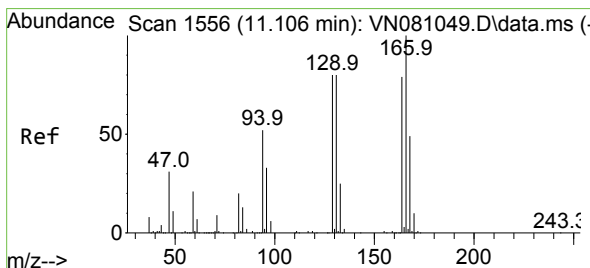
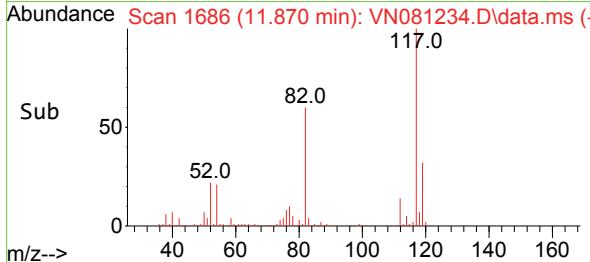
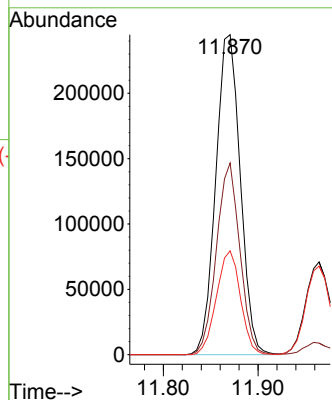
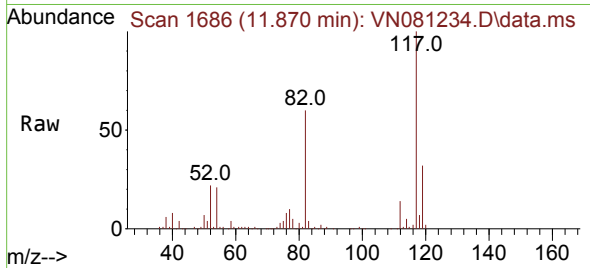




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

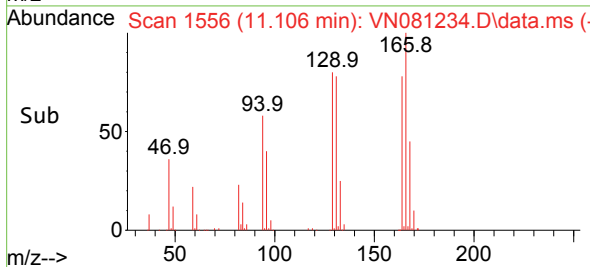
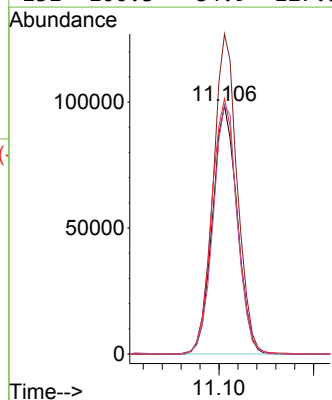
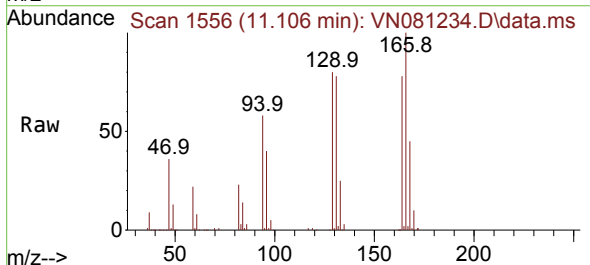
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

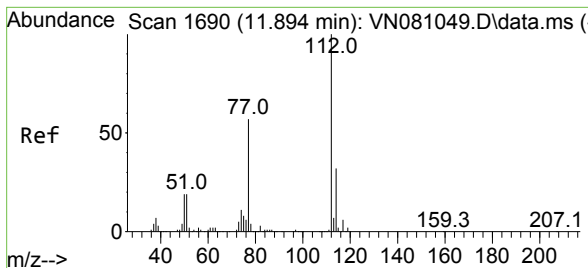
Tgt Ion:117 Resp: 441358
Ion Ratio Lower Upper
117 100
82 59.9 52.7 79.1
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 59.067 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:164 Resp: 177926
Ion Ratio Lower Upper
164 100
166 128.9 105.8 158.6
129 102.8 89.6 134.4
131 100.3 84.9 127.3

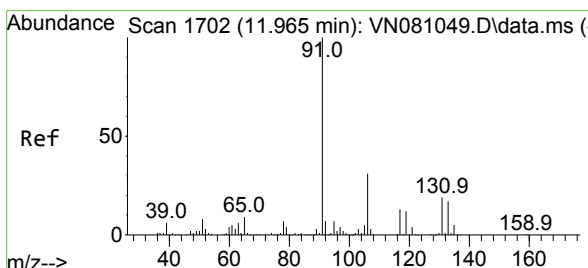
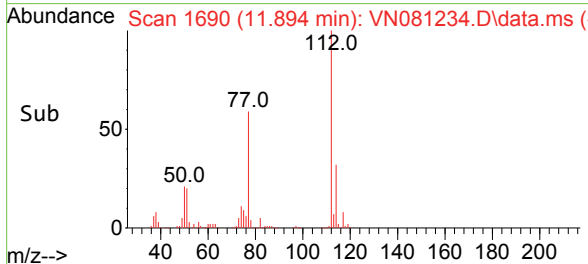
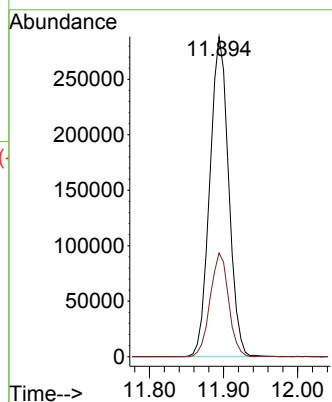
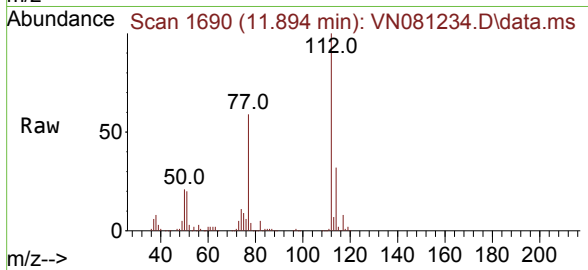




#65
Chlorobenzene
Concen: 53.273 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

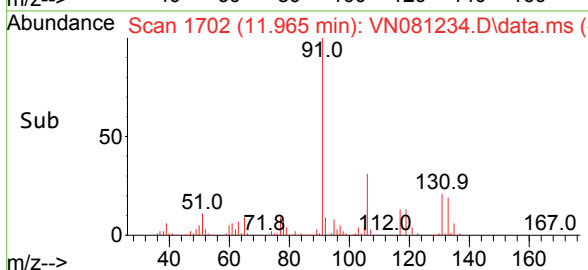
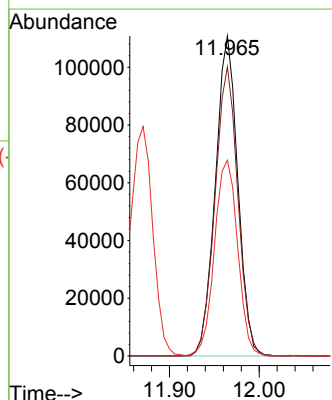
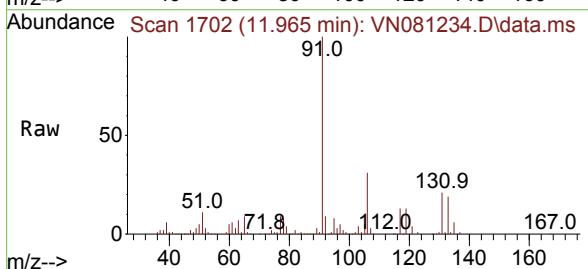
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

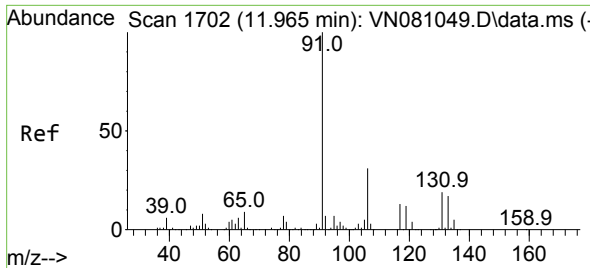
Tgt Ion:112 Resp: 508881
Ion Ratio Lower Upper
112 100
114 32.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.110 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:131 Resp: 192511
Ion Ratio Lower Upper
131 100
133 91.9 46.8 140.3
119 63.3 34.6 103.9

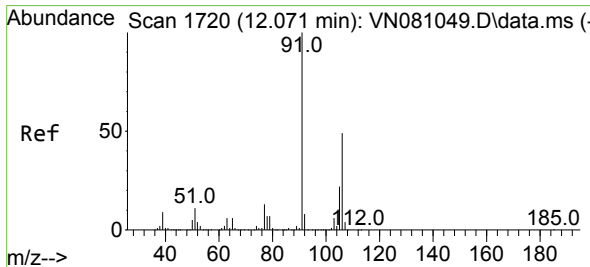
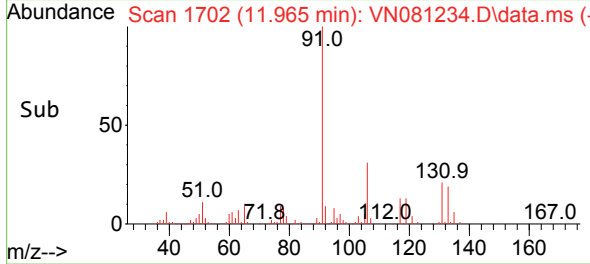
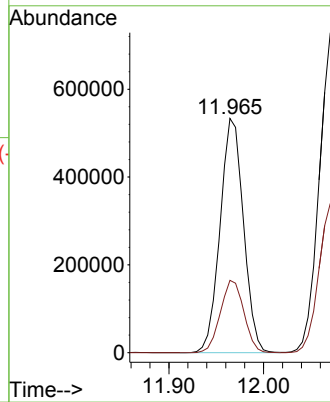
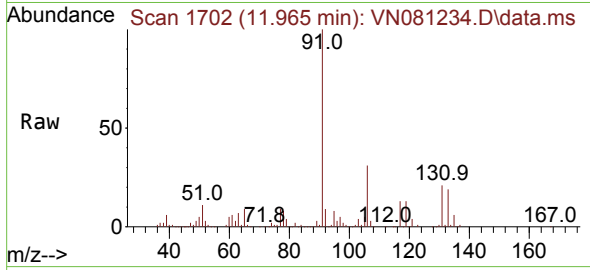




#67
Ethyl Benzene
Concen: 53.626 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

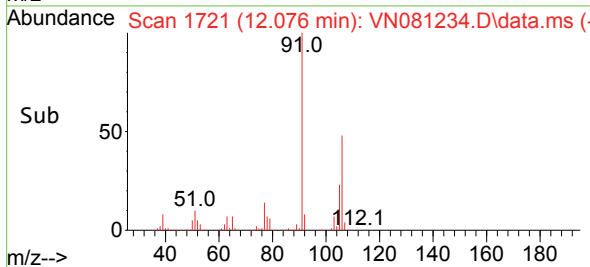
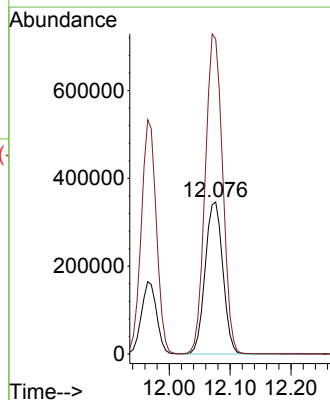
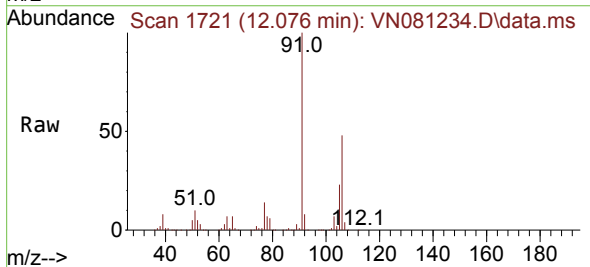
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

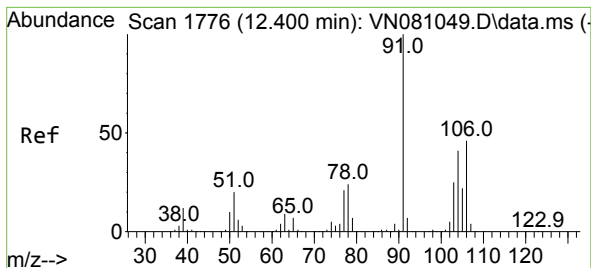
Tgt Ion: 91 Resp: 916631
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6



#68
m/p-Xylenes
Concen: 106.300 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:106 Resp: 696452
Ion Ratio Lower Upper
106 100
91 207.5 169.0 253.6





#69

o-Xylene

Concen: 53.657 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

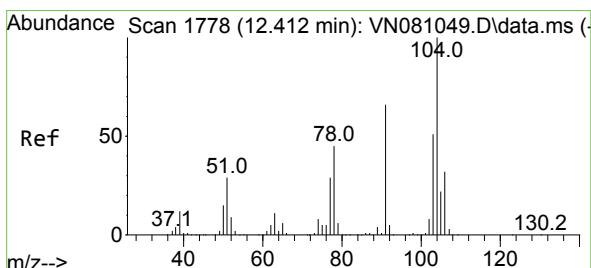
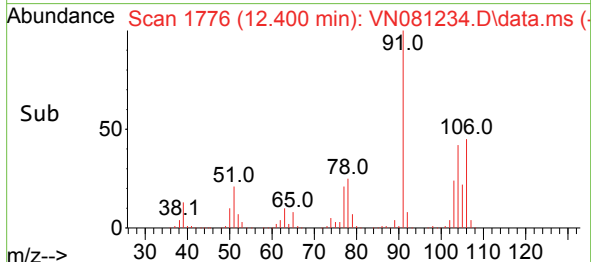
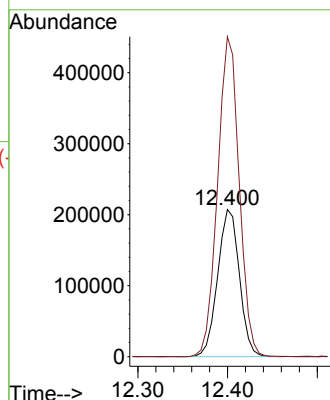
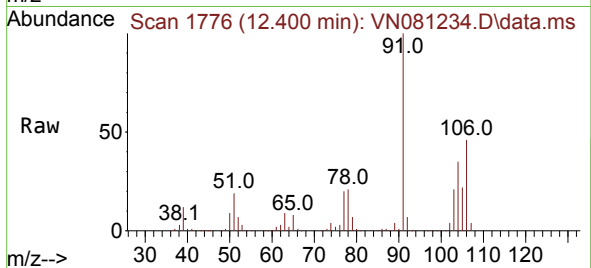
VSTDCCC050EC

Tgt Ion:106 Resp: 348472

Ion Ratio Lower Upper

106 100

91 216.1 112.1 336.3



#70

Styrene

Concen: 56.049 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

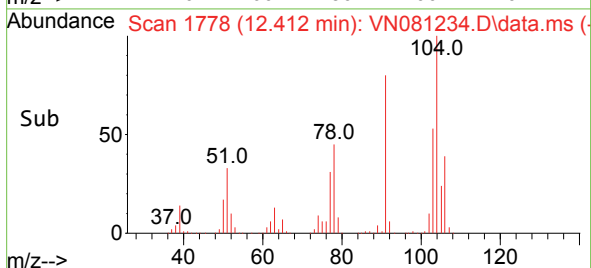
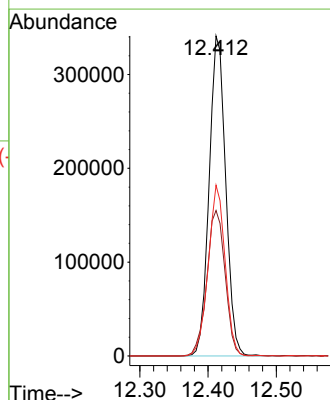
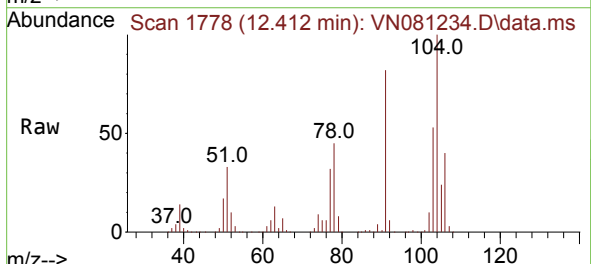
Tgt Ion:104 Resp: 576820

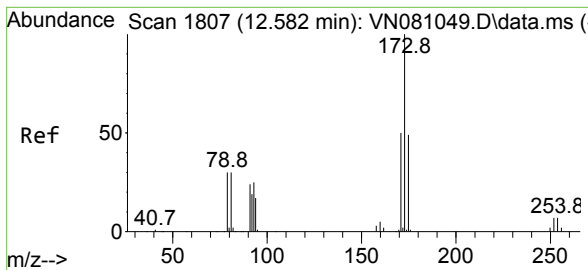
Ion Ratio Lower Upper

104 100

78 50.2 43.8 65.8

103 54.5 44.2 66.2

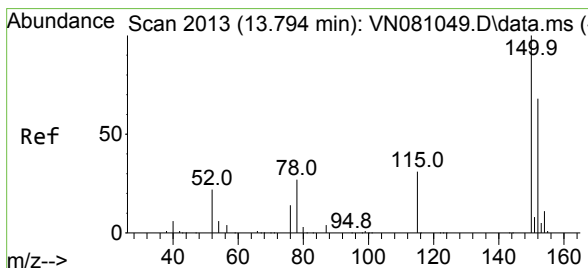
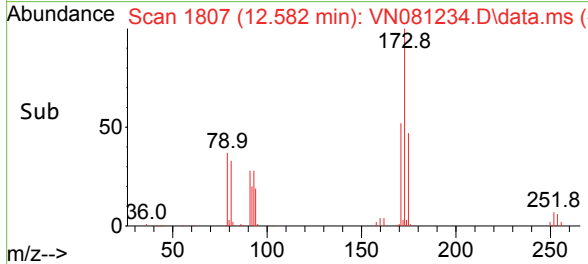
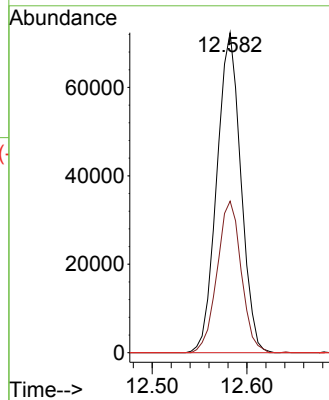
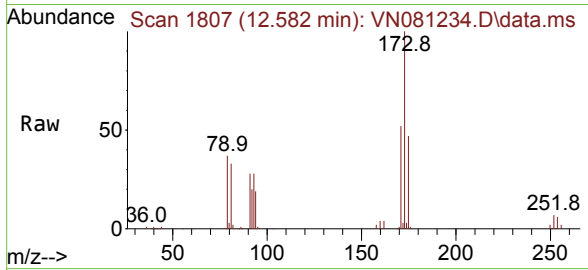




#71
Bromoform
Concen: 58.618 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

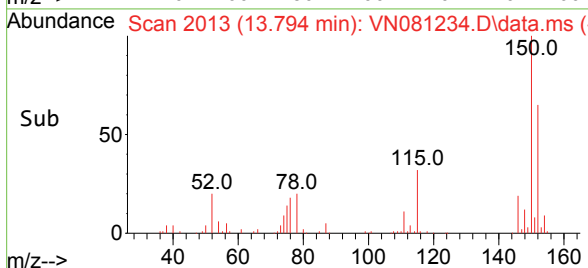
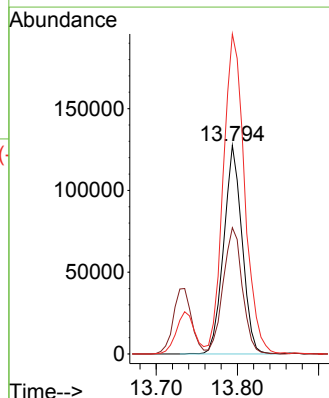
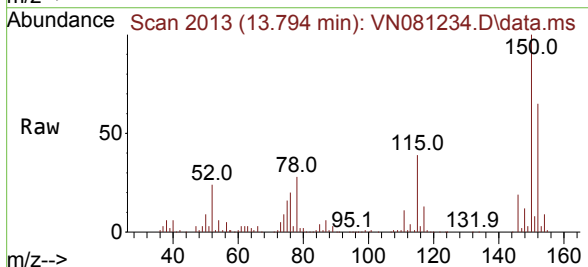
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

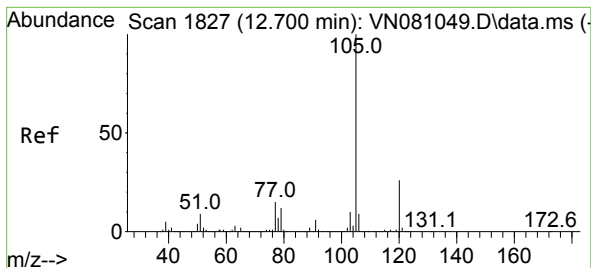
Tgt Ion:173 Resp: 127596
Ion Ratio Lower Upper
173 100
175 47.5 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:152 Resp: 200263
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 178.3 0.0 339.8





#73

Isopropylbenzene

Concen: 52.111 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

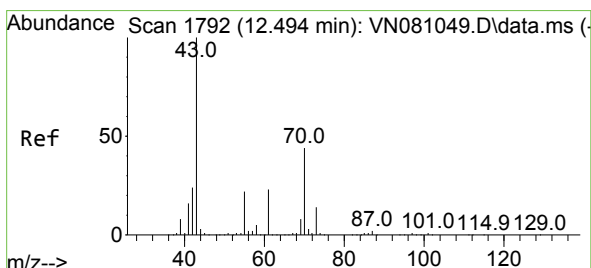
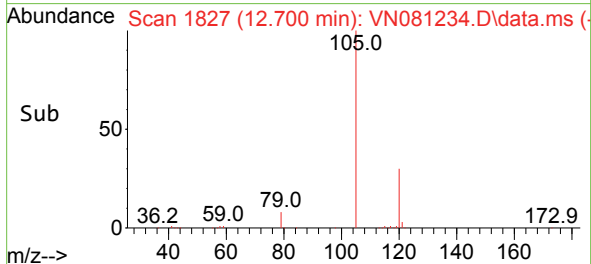
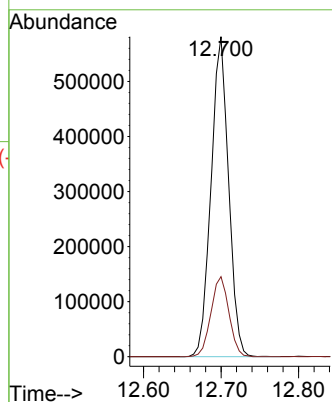
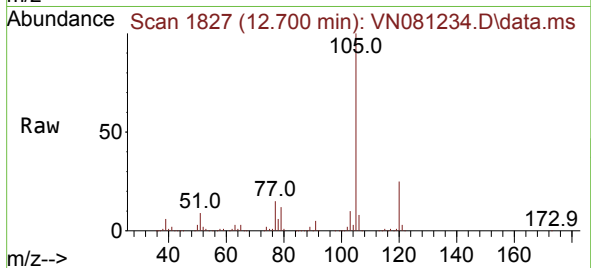
VSTDCCC050EC

Tgt Ion:105 Resp: 913068

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.6



#74

N-ethyl acetate

Concen: 49.222 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Tgt Ion: 43 Resp: 364505

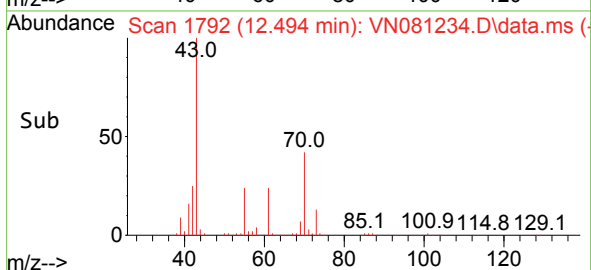
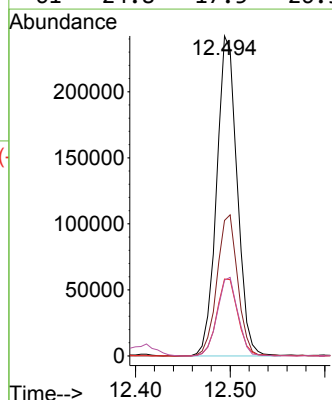
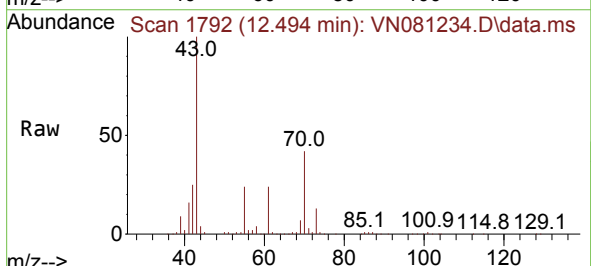
Ion Ratio Lower Upper

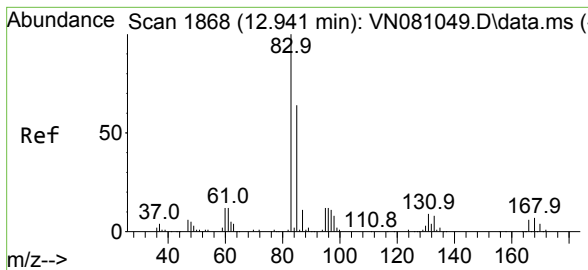
43 100

70 44.7 30.1 45.1

55 25.0 17.0 25.4

61 24.8 17.5 26.3

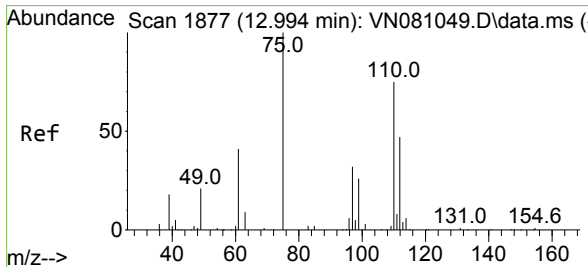
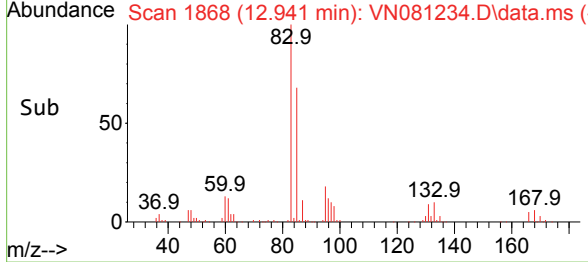
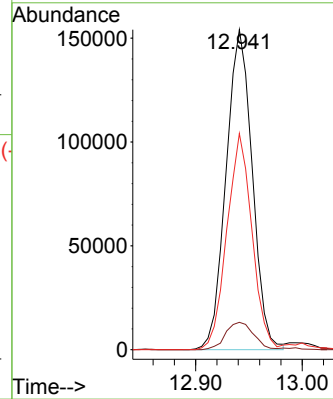
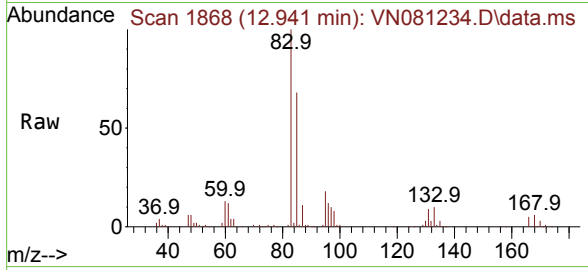




#75
1,1,2,2-Tetrachloroethane
Concen: 53.512 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

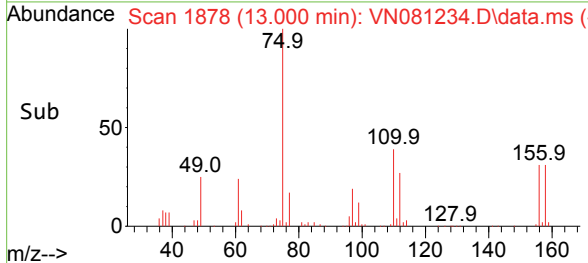
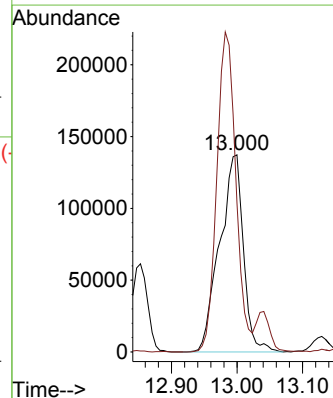
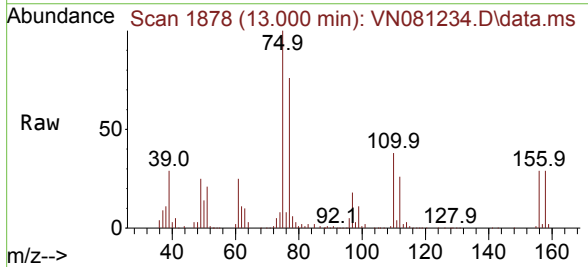
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

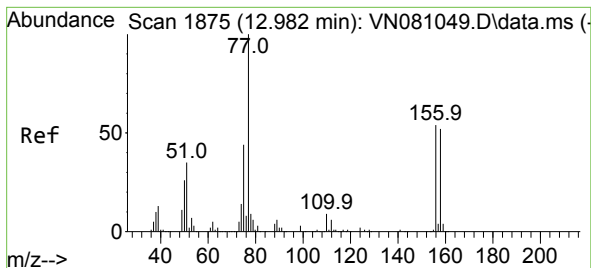
Tgt Ion: 83 Resp: 263649
Ion Ratio Lower Upper
83 100
131 9.2 4.1 12.3
85 64.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 75.821 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 75 Resp: 344996
Ion Ratio Lower Upper
75 100
77 130.6 91.0 272.8





#77

Bromobenzene

Concen: 51.247 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

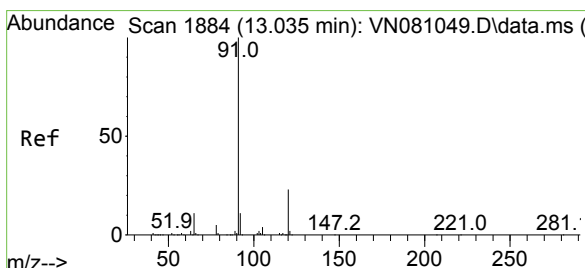
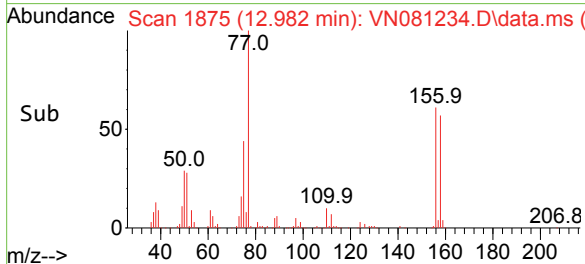
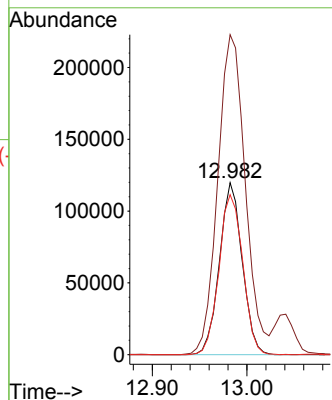
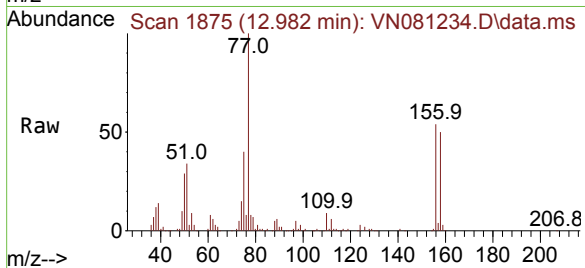
Tgt Ion:156 Resp: 200213

Ion Ratio Lower Upper

156 100

77 225.1 138.1 414.3

158 97.5 46.5 139.5



#78

n-propylbenzene

Concen: 53.394 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081234.D

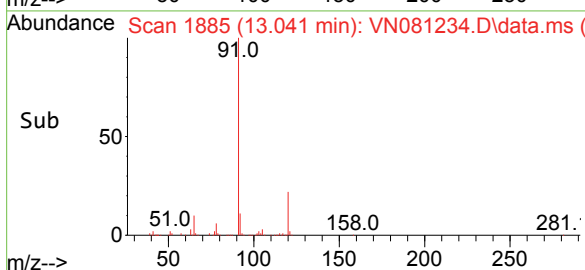
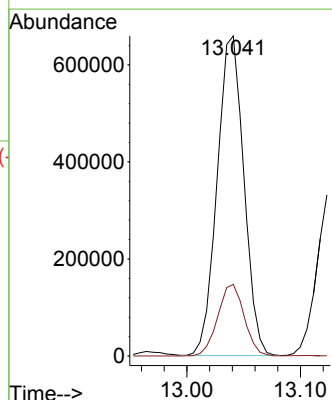
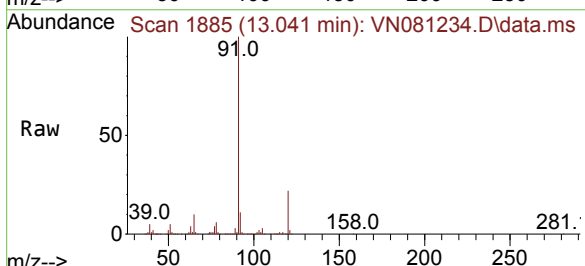
Acq: 27 Feb 2024 21:12

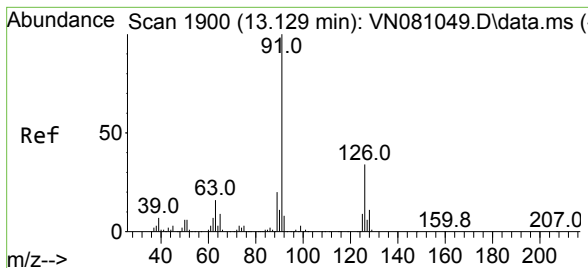
Tgt Ion: 91 Resp: 1076988

Ion Ratio Lower Upper

91 100

120 22.1 10.3 30.9

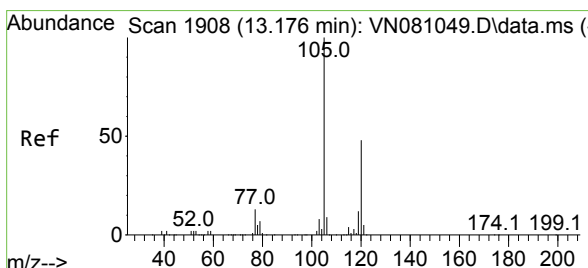
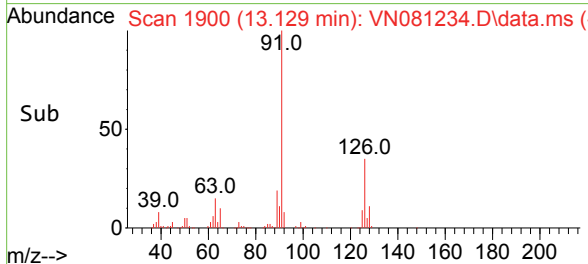
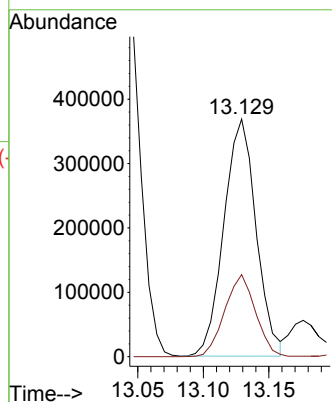
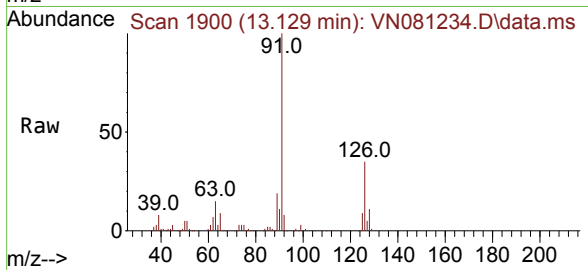




#79
2-Chlorotoluene
Concen: 50.995 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

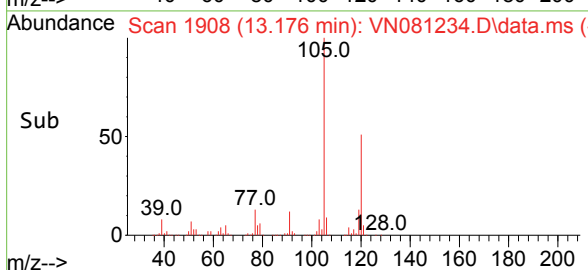
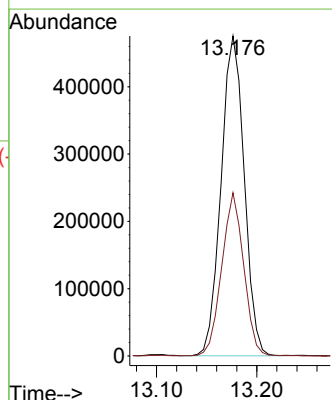
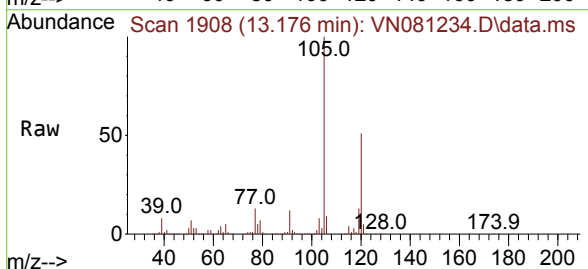
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

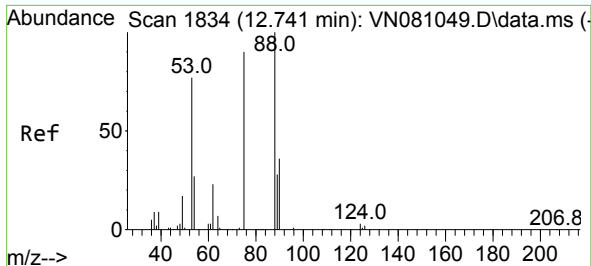
Tgt Ion: 91 Resp: 630918
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 53.616 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 105 Resp: 761695
Ion Ratio Lower Upper
105 100
120 48.5 23.0 69.0

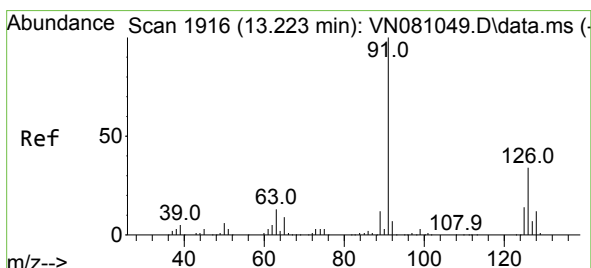
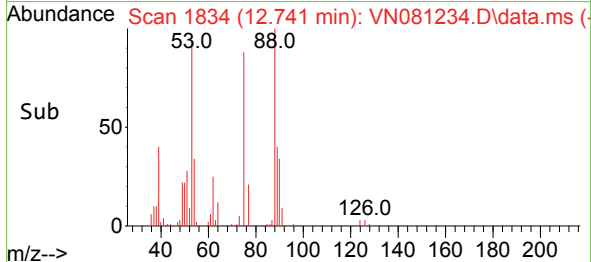
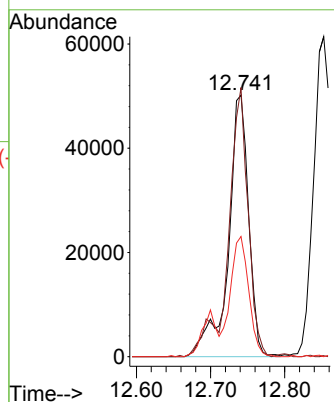
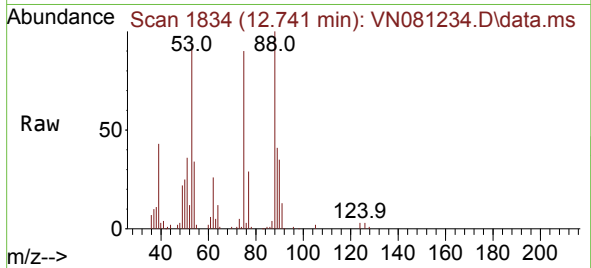




#81
trans-1,4-Dichloro-2-butene
Concen: 54.068 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

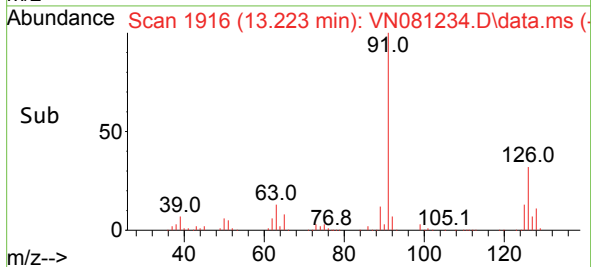
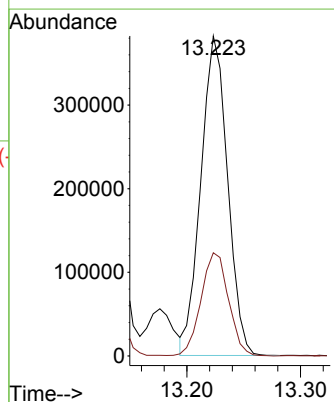
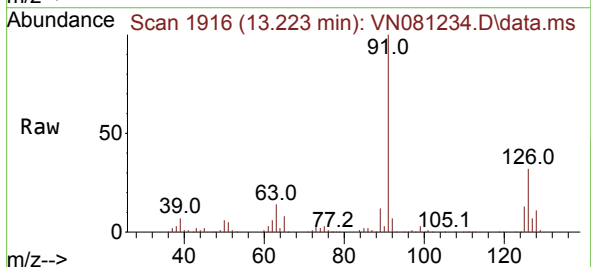
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

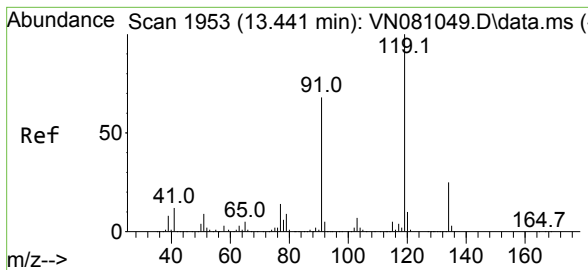
Tgt Ion: 75 Resp: 95580
Ion Ratio Lower Upper
75 100
53 88.3 71.4 107.2
89 41.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 51.610 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 91 Resp: 624348
Ion Ratio Lower Upper
91 100
126 33.3 15.3 45.9

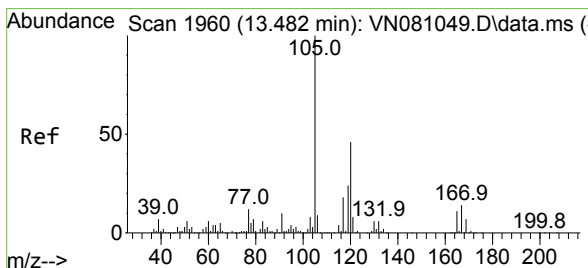
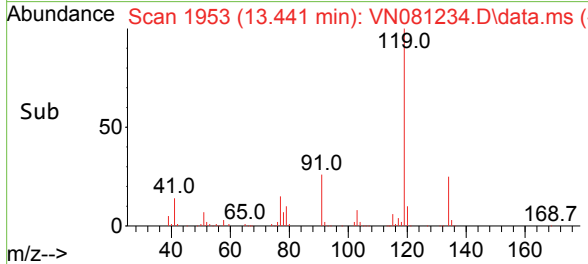
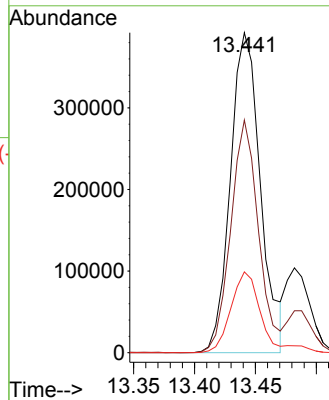
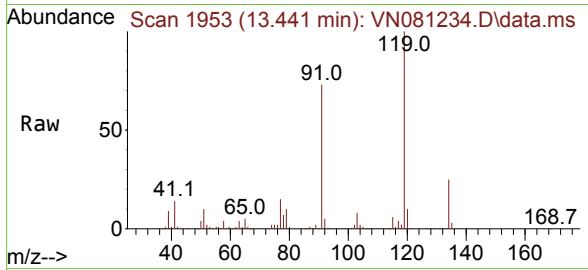




#83
tert-Butylbenzene
Concen: 54.835 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

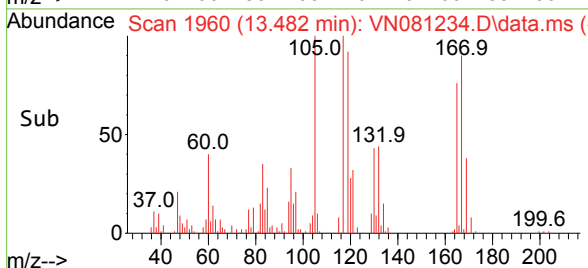
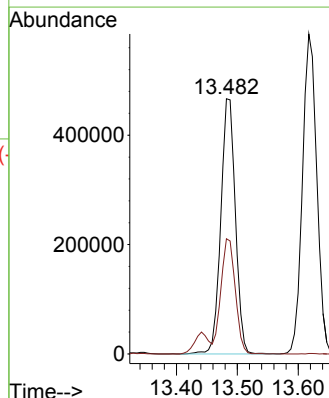
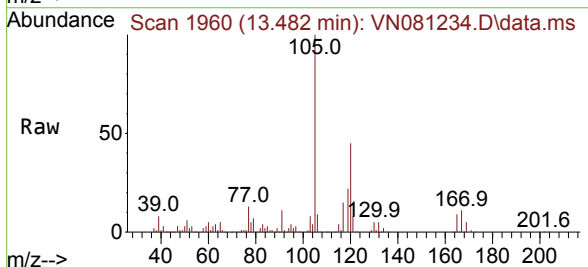
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

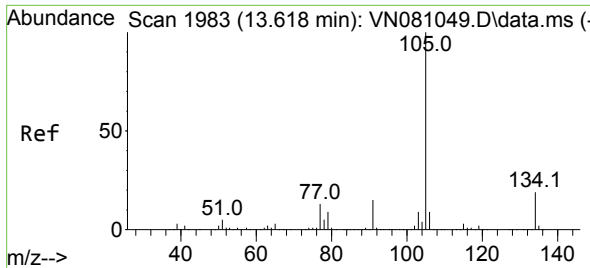
Tgt Ion:	119	Resp:	673601
Ion	Ratio	Lower	Upper
119	100		
91	67.1	36.8	110.4
134	25.6	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 54.898 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:	105	Resp:	777161
Ion	Ratio	Lower	Upper
105	100		
120	44.4	20.9	62.7

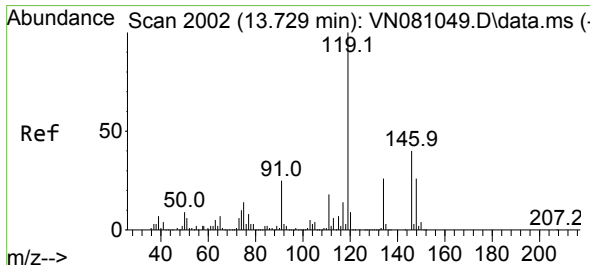
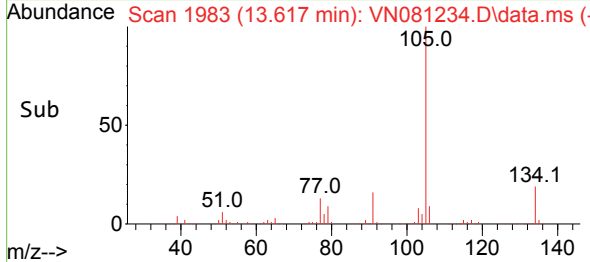
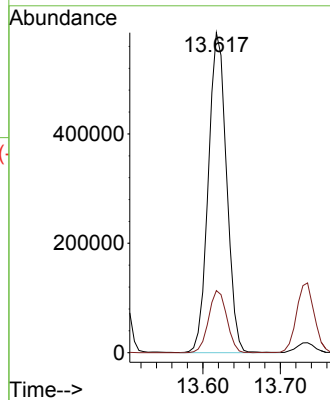
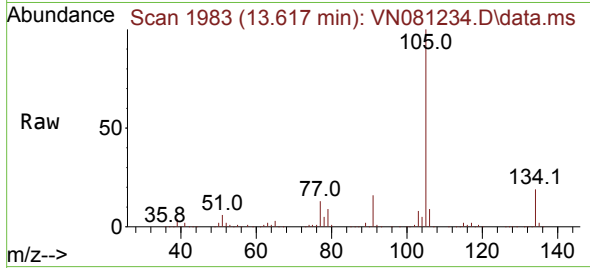




#85
 sec-Butylbenzene
 Concen: 55.929 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

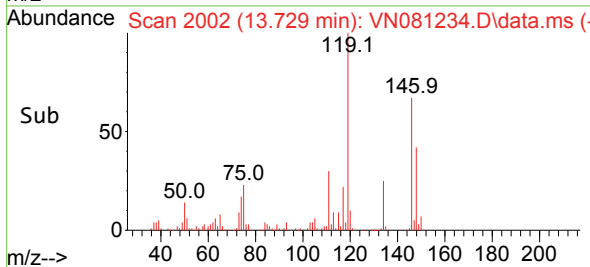
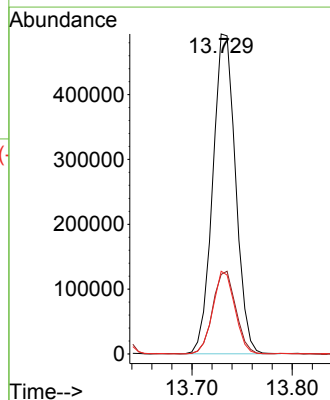
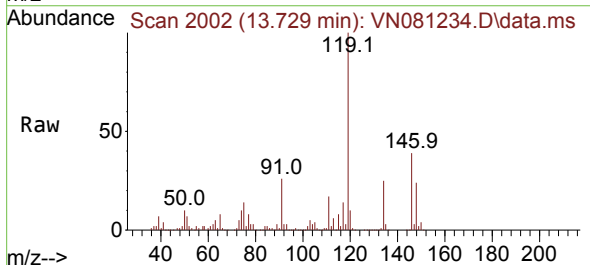
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

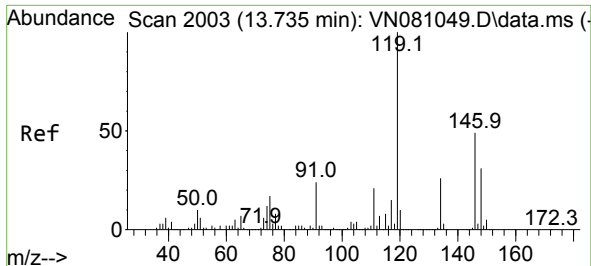
Tgt Ion:105 Resp: 955110
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 55.022 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081234.D
 Acq: 27 Feb 2024 21:12

Tgt Ion:119 Resp: 780464
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.8 13.5 40.4

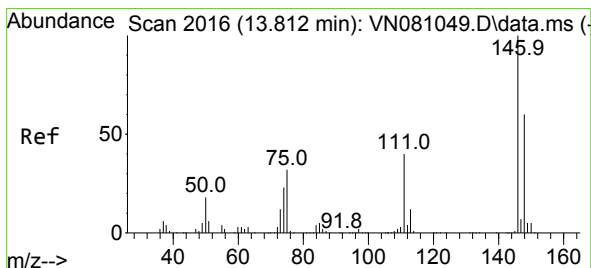
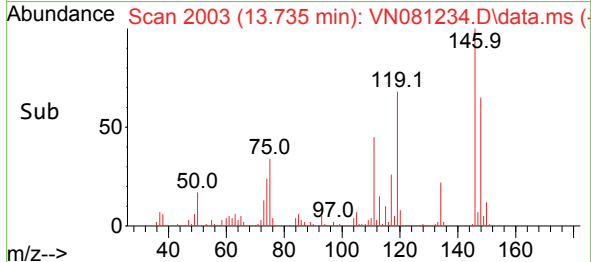
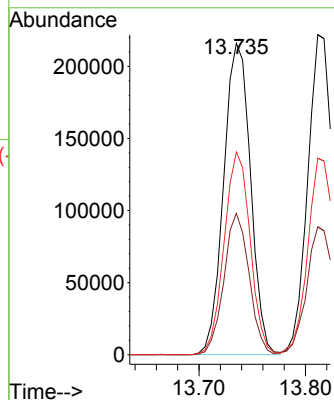
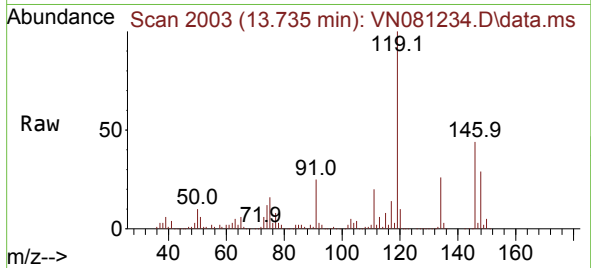




#87
1,3-Dichlorobenzene
Concen: 51.328 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

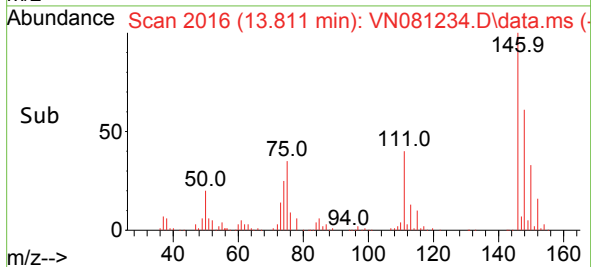
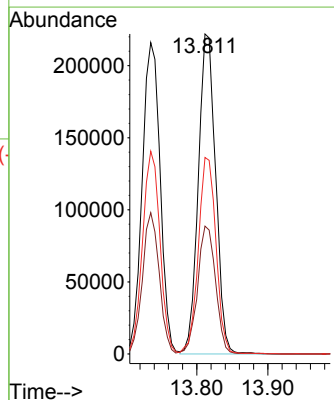
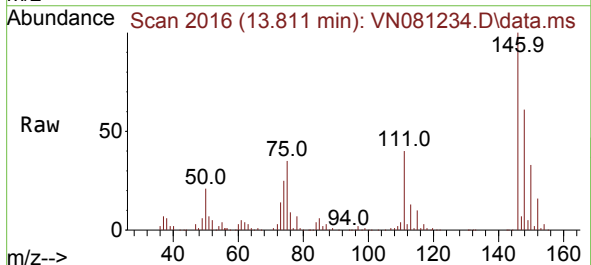
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

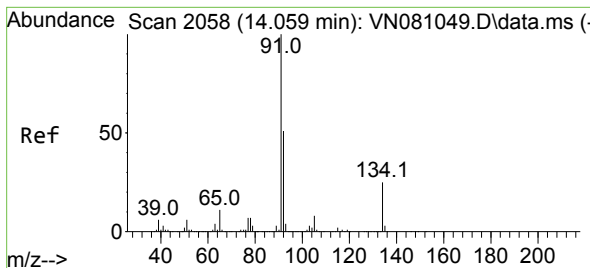
Tgt Ion:146 Resp: 378893
Ion Ratio Lower Upper
146 100
111 42.5 23.9 71.7
148 63.1 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 52.245 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:146 Resp: 378956
Ion Ratio Lower Upper
146 100
111 41.1 22.6 67.7
148 62.5 31.9 95.5





#89

n-Butylbenzene

Concen: 55.456 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

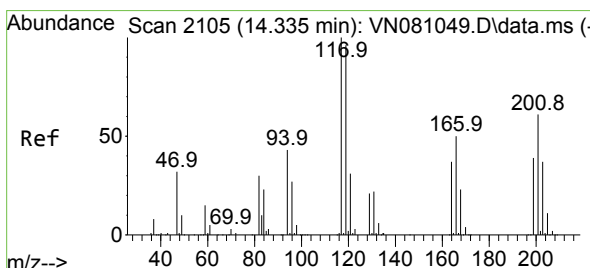
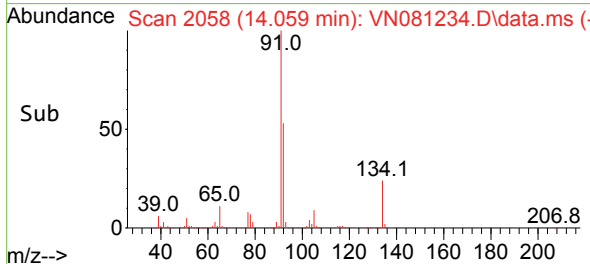
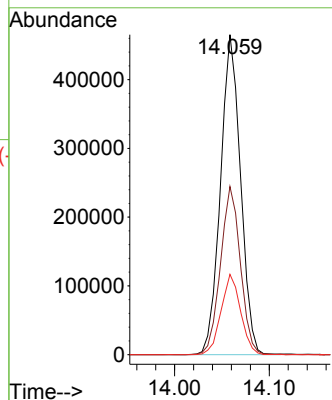
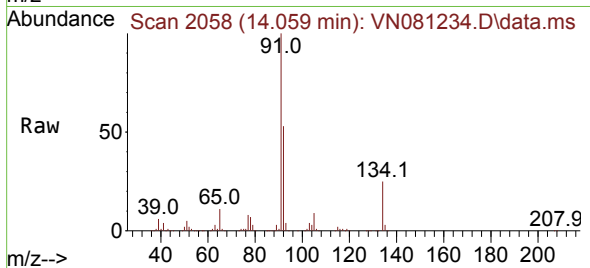
Tgt Ion: 91 Resp: 685304

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 24.5 10.8 32.4



#90

Hexachloroethane

Concen: 56.744 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081234.D

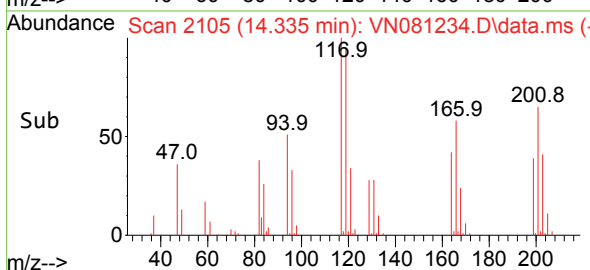
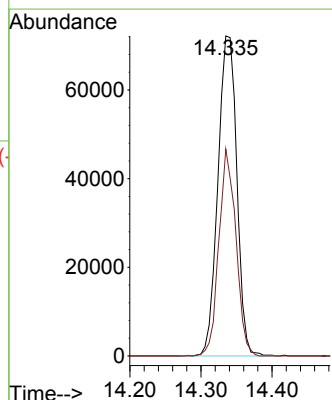
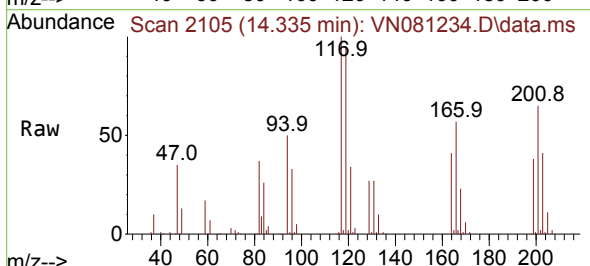
Acq: 27 Feb 2024 21:12

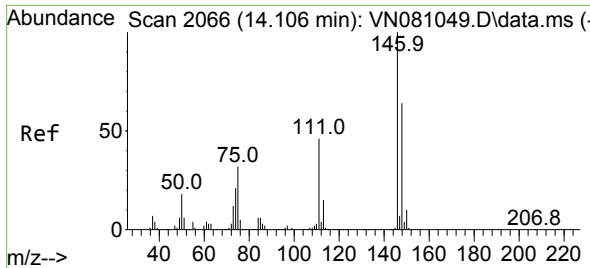
Tgt Ion: 117 Resp: 133044

Ion Ratio Lower Upper

117 100

201 58.3 30.0 90.0

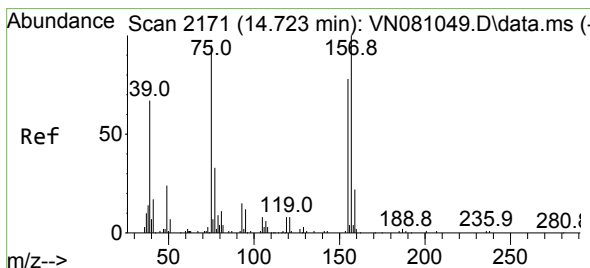
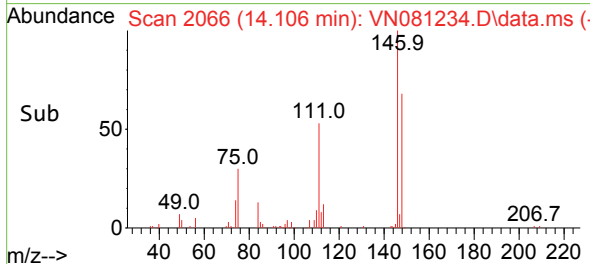
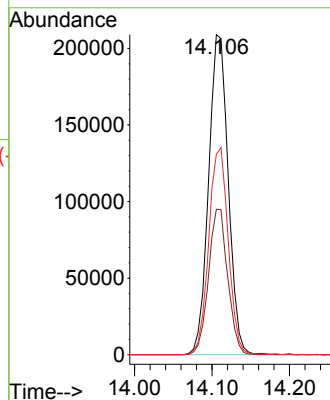
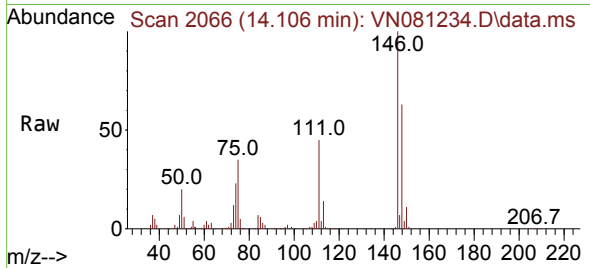




#91
1,2-Dichlorobenzene
Concen: 51.648 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

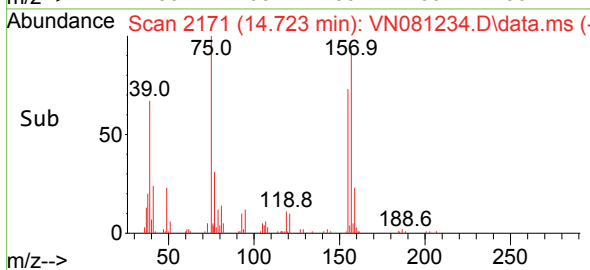
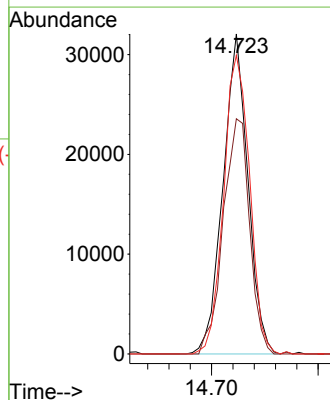
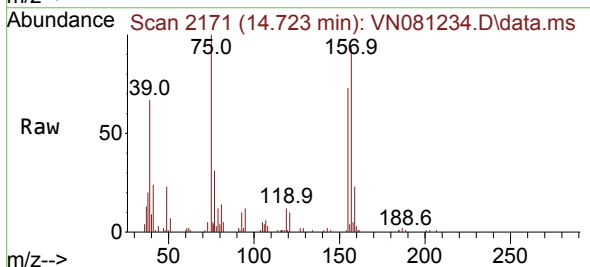
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

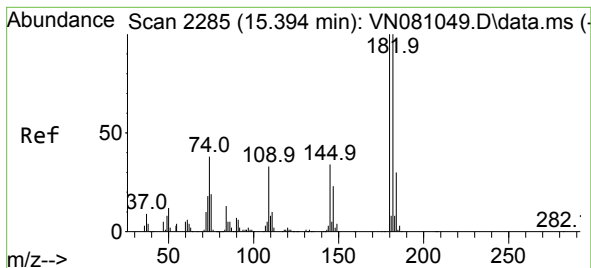
Tgt Ion:146 Resp: 367715
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.8
148 64.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.756 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion: 75 Resp: 51992
Ion Ratio Lower Upper
75 100
155 78.0 31.8 95.4
157 97.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 49.868 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

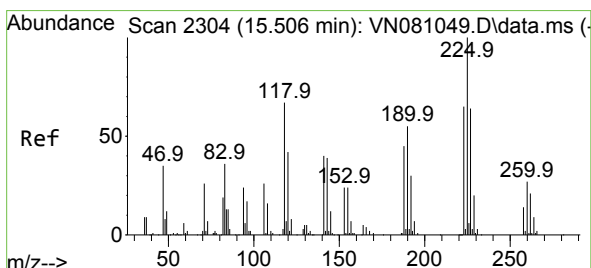
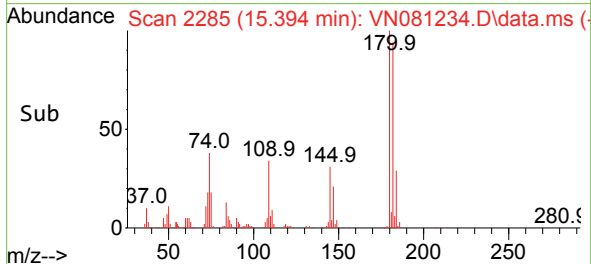
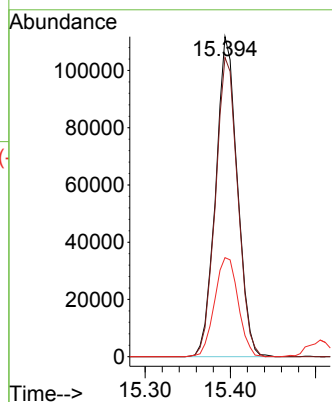
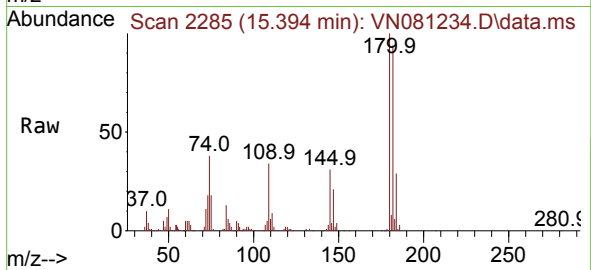
Tgt Ion:180 Resp: 198074

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

145 33.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 49.720 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081234.D

Acq: 27 Feb 2024 21:12

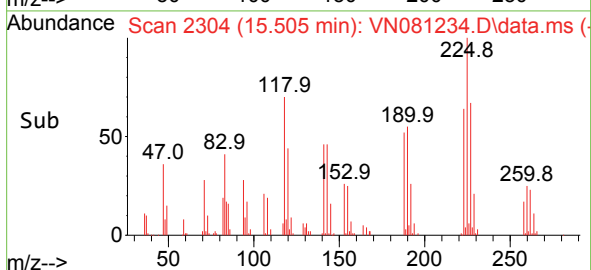
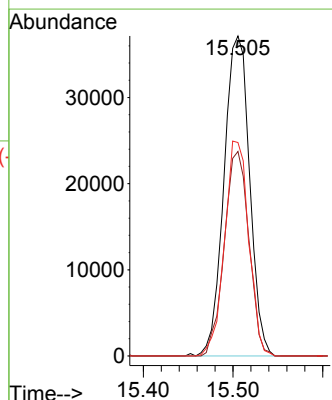
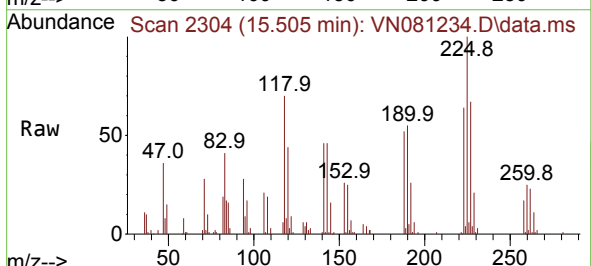
Tgt Ion:225 Resp: 73652

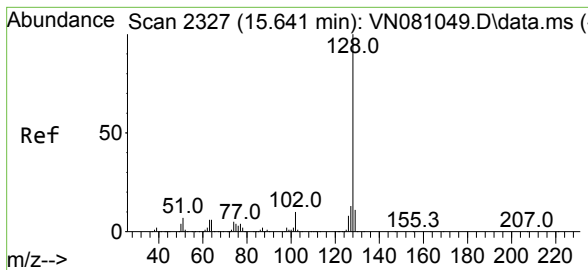
Ion Ratio Lower Upper

225 100

223 61.4 33.3 99.8

227 63.4 33.1 99.2

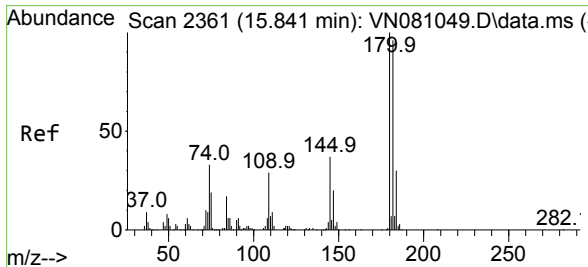
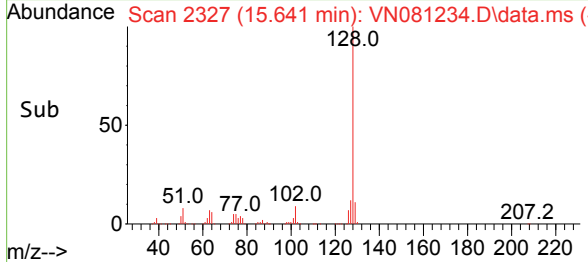
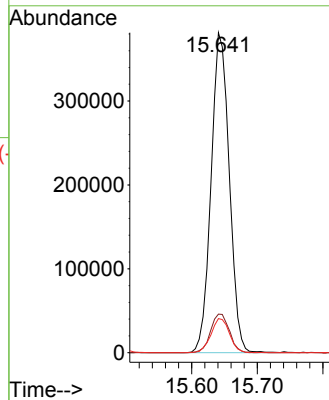
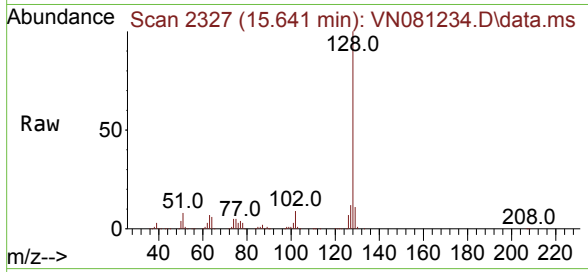




#95
Naphthalene
Concen: 50.474 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	734670
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.0	15.0
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.758 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081234.D
Acq: 27 Feb 2024 21:12

Tgt Ion:	180	Resp:	203942
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.5	139.3
145	36.2	17.8	53.4

