

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081162.D
 Acq On : 23 Feb 2024 16:22
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 23 21:59:46 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	8.224	168	313679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	561242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185019	48.122	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.240%
35) Dibromofluoromethane	8.171	113	157333	49.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	10.571	98	533504	47.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.853	95	210764	49.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	211941	52.246	ug/l	100
3) Chloromethane	2.365	50	199871	45.035	ug/l	97
4) Vinyl Chloride	2.512	62	228125	50.627	ug/l	98
5) Bromomethane	2.948	94	132909	41.529	ug/l	92
6) Chloroethane	3.118	64	160825	55.295	ug/l	97
7) Trichlorofluoromethane	3.501	101	341985	51.951	ug/l	98
8) Diethyl Ether	3.959	74	127788	53.097	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	196252	53.479	ug/l	93
10) Methyl Iodide	4.589	142	172829	42.193	ug/l	98
11) Tert butyl alcohol	5.518	59	206908	292.623	ug/l	100
12) 1,1-Dichloroethene	4.342	96	179425	50.581	ug/l	89
13) Acrolein	4.177	56	88138	232.567	ug/l	100
14) Allyl chloride	5.024	41	262008	49.779	ug/l #	90
15) Acrylonitrile	5.718	53	513123	277.865	ug/l	97
16) Acetone	4.430	43	354473	234.307	ug/l	99
17) Carbon Disulfide	4.718	76	449523	45.433	ug/l	98
18) Methyl Acetate	5.024	43	232454	62.986	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	648046	53.340	ug/l	99
20) Methylene Chloride	5.283	84	213941	54.753	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	197015	49.780	ug/l	93
22) Diisopropyl ether	6.677	45	660286	55.302	ug/l #	96
23) Vinyl Acetate	6.606	43	2693750	278.077	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	380274	55.083	ug/l	95
25) 2-Butanone	7.483	43	642070	262.706	ug/l	92
26) 2,2-Dichloropropane	7.488	77	338372	52.310	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	240680	52.341	ug/l	88
28) Bromochloromethane	7.812	49	164947	57.632	ug/l #	65
29) Tetrahydrofuran	7.841	42	452459	277.323	ug/l #	87
30) Chloroform	7.965	83	401974	54.772	ug/l	99
31) Cyclohexane	8.259	56	323377	48.710	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	359162	53.735	ug/l	93
36) 1,1-Dichloropropene	8.377	75	290821	53.488	ug/l	95
37) Ethyl Acetate	7.559	43	277734	56.599	ug/l	99
38) Carbon Tetrachloride	8.359	117	306729	55.760	ug/l	98
39) Methylcyclohexane	9.606	83	344038	54.280	ug/l #	87
40) Benzene	8.612	78	874737	55.582	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158051	56.594	ug/l	94
42) 1,2-Dichloroethane	8.671	62	306695	55.858	ug/l	97
43) Isopropyl Acetate	8.688	43	485544	56.576	ug/l	96
44) Trichloroethene	9.353	130	220206	52.534	ug/l	96
45) 1,2-Dichloropropane	9.624	63	224716	57.082	ug/l	98
46) Dibromomethane	9.712	93	159674	55.668	ug/l	92
47) Bromodichloromethane	9.888	83	315189	58.019	ug/l #	99
48) Methyl methacrylate	9.682	41	224205	56.144	ug/l	91
49) 1,4-Dioxane	9.700	88	92000	1262.426	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1468975	297.551	ug/l	96
52) Toluene	10.635	92	552199	55.424	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	343566	56.911	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	366722	56.225	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	222120	57.964	ug/l	95
56) Ethyl methacrylate	10.877	69	340808	58.193	ug/l	88
57) 1,3-Dichloropropane	11.165	76	383817	57.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	743212	252.921	ug/l #	87
59) 2-Hexanone	11.200	43	1080786	276.135	ug/l	96
60) Dibromochloromethane	11.365	129	233909	57.459	ug/l	99
61) 1,2-Dibromoethane	11.471	107	227836	56.540	ug/l	99
64) Tetrachloroethene	11.106	164	194076	56.021	ug/l	95
65) Chlorobenzene	11.894	112	589370	53.648	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	215561	54.630	ug/l	96
67) Ethyl Benzene	11.965	91	1086979	55.294	ug/l	99
68) m/p-Xylenes	12.076	106	833684	110.641	ug/l	95
69) o-Xylene	12.400	106	410484	54.958	ug/l	93
70) Styrene	12.412	104	677171	57.214	ug/l	97
71) Bromoform	12.582	173	150911	60.282	ug/l #	98
73) Isopropylbenzene	12.700	105	1074774	51.441	ug/l	98
74) N-amyl acetate	12.494	43	435619	49.332	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	314491	53.530	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	412346	75.999	ug/l	61
77) Bromobenzene	12.982	156	238561	51.208	ug/l	76
78) n-propylbenzene	13.041	91	1277279	53.104	ug/l	96
79) 2-Chlorotoluene	13.129	91	749849	50.827	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	911063	53.781	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	106164	50.364	ug/l	91
82) 4-Chlorotoluene	13.223	91	751260	52.080	ug/l	95
83) tert-Butylbenzene	13.441	119	797460	54.442	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	920336	54.520	ug/l	97
85) sec-Butylbenzene	13.618	105	1137251	55.847	ug/l	95
86) p-Isopropyltoluene	13.735	119	948054	56.051	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	465105	52.839	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	454334	52.529	ug/l	98
89) n-Butylbenzene	14.059	91	838443	56.899	ug/l	97
90) Hexachloroethane	14.335	117	161784	57.866	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	434895	51.227	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66022	54.051	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	251708	53.144	ug/l	98
94) Hexachlorobutadiene	15.506	225	90201	51.065	ug/l	99
95) Naphthalene	15.647	128	905934	52.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	244334	52.002	ug/l	97

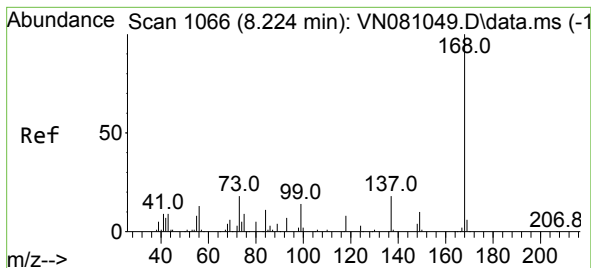
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

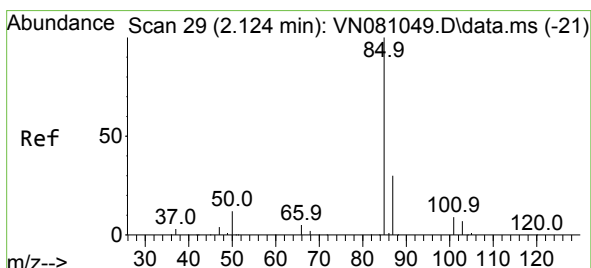
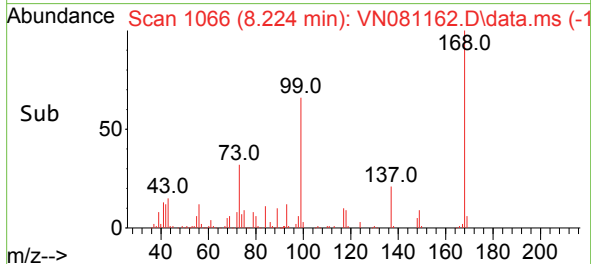
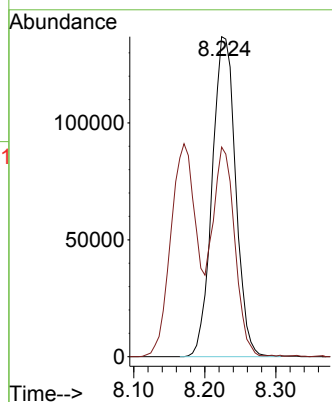
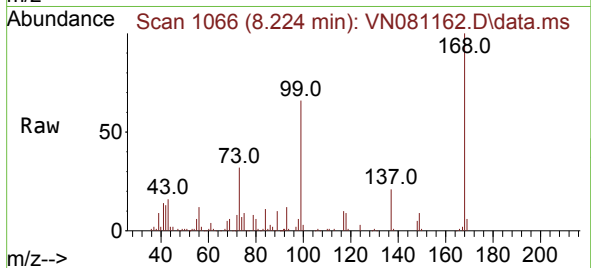
VSTDCCC050

Tgt Ion:168 Resp: 313679

Ion Ratio Lower Upper

168 100

99 65.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 52.246 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081162.D

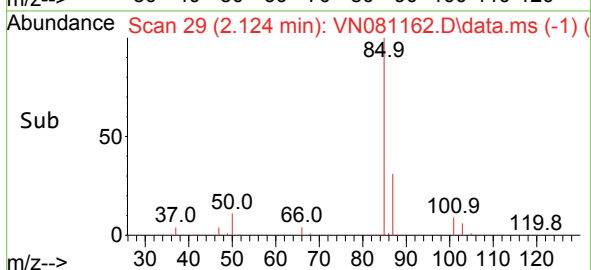
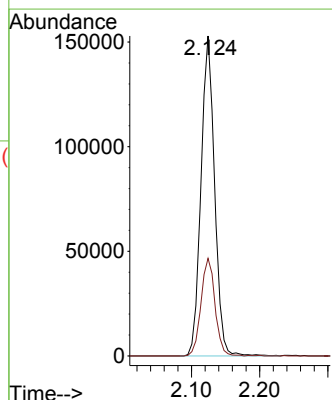
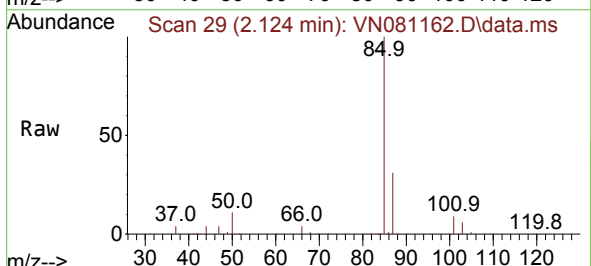
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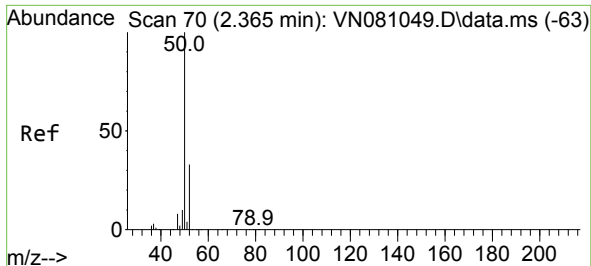
Tgt Ion: 85 Resp: 211941

Ion Ratio Lower Upper

85 100

87 30.5 15.3 45.9

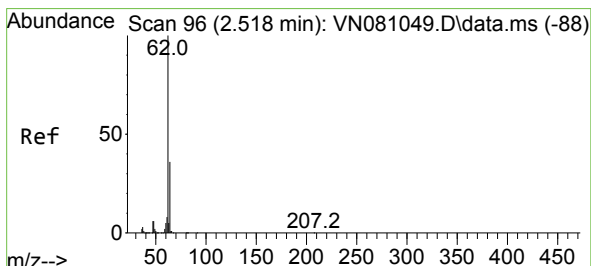
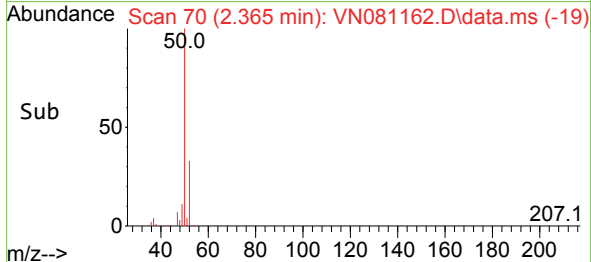
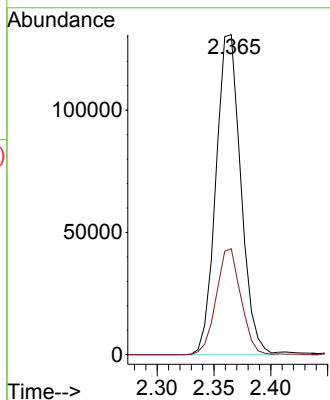
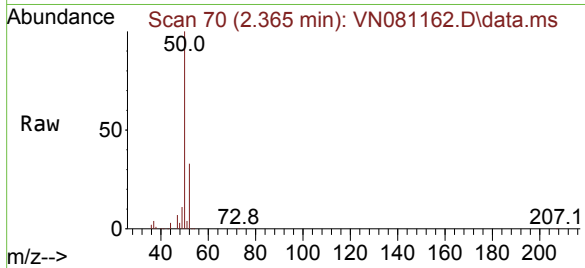




#3
Chloromethane
Concen: 45.035 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

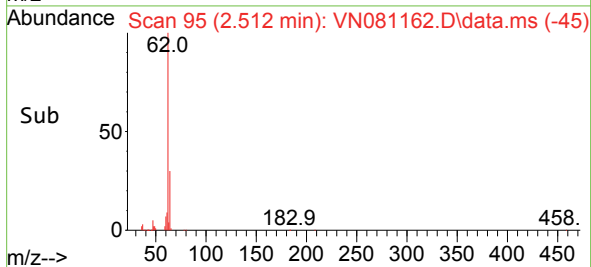
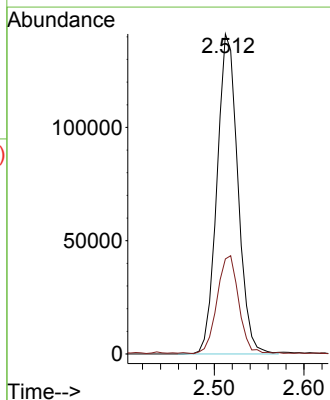
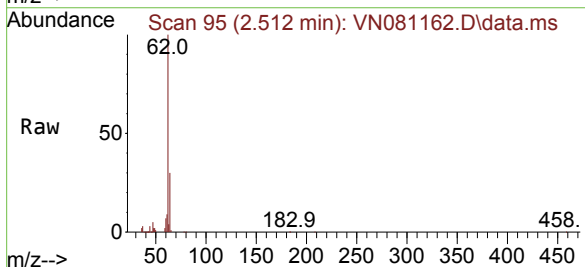
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

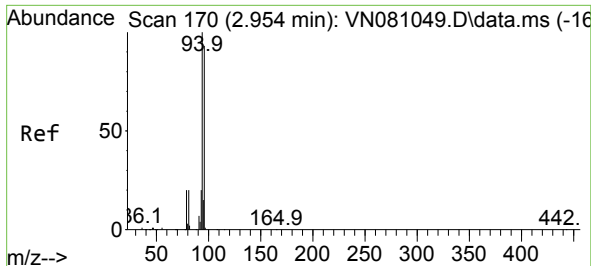
Tgt Ion: 50 Resp: 199871
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4



#4
Vinyl Chloride
Concen: 50.627 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 62 Resp: 228125
Ion Ratio Lower Upper
62 100
64 29.4 22.7 34.1

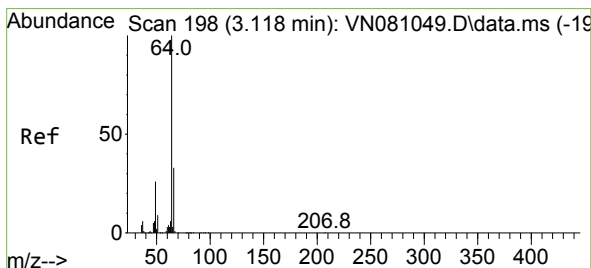
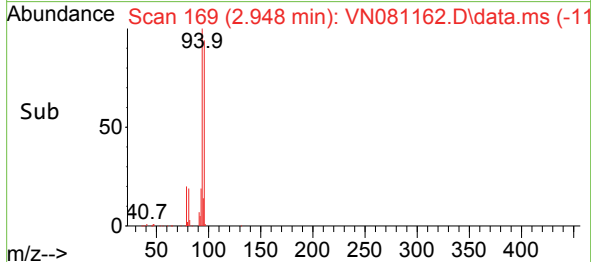
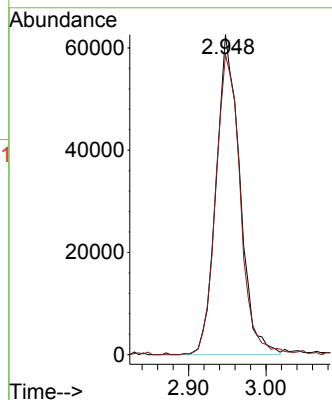
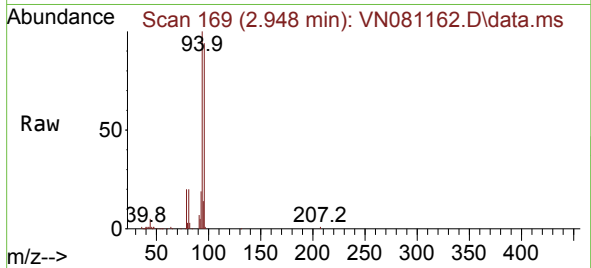




#5
Bromomethane
Concen: 41.529 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

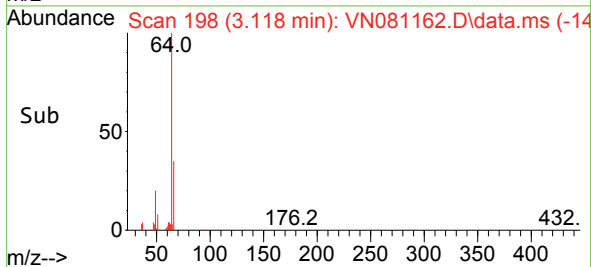
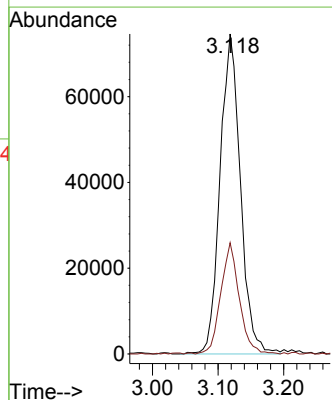
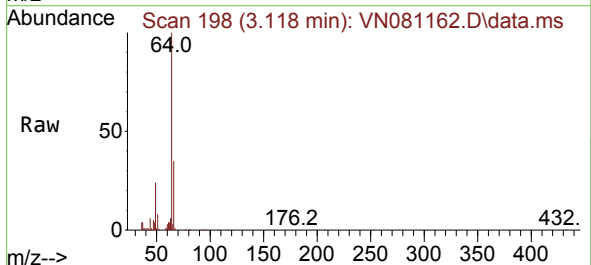
Instrument :
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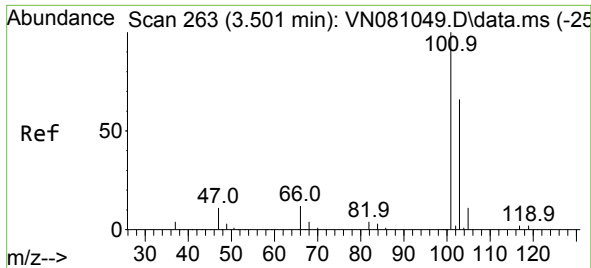
Tgt Ion: 94 Resp: 132909
Ion Ratio Lower Upper
94 100
96 93.7 69.2 103.8



#6
Chloroethane
Concen: 55.295 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 64 Resp: 160825
Ion Ratio Lower Upper
64 100
66 34.7 26.4 39.6

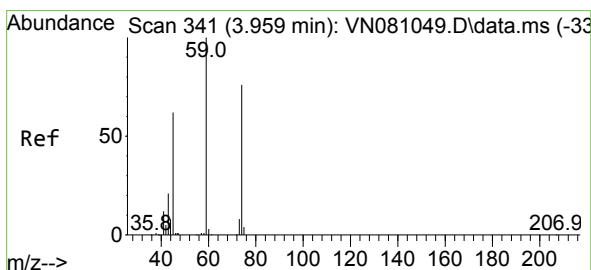
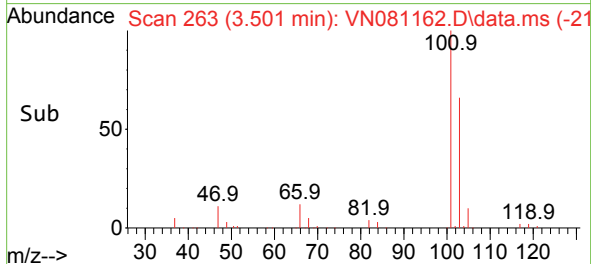
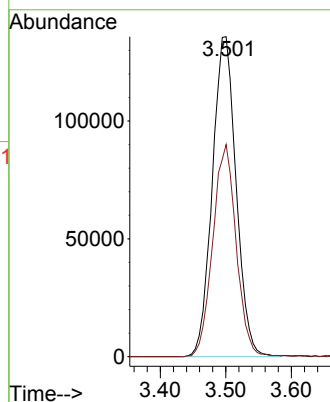
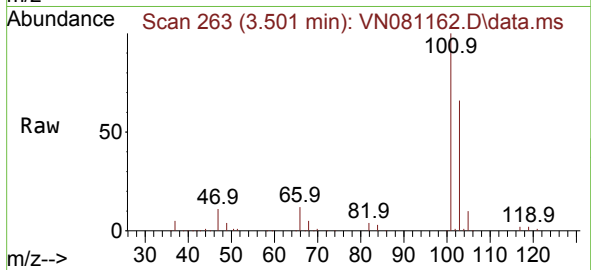




#7
Trichlorofluoromethane
Concen: 51.951 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

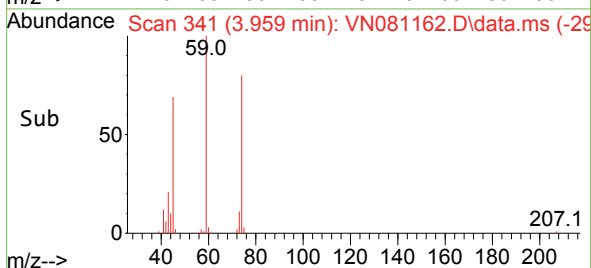
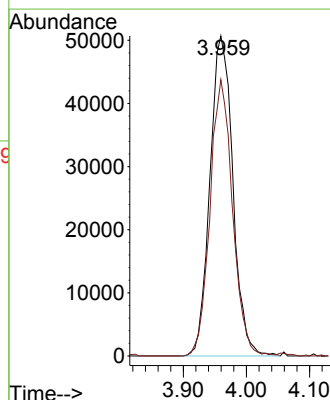
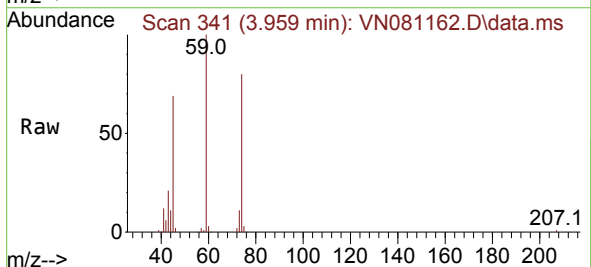
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

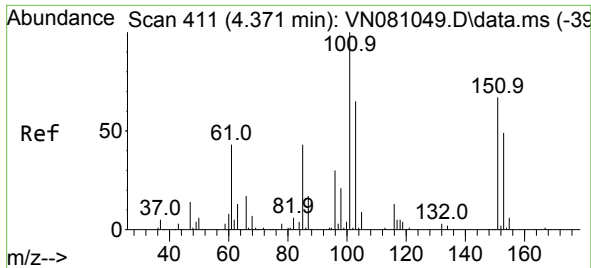
Tgt Ion:101 Resp: 341985
Ion Ratio Lower Upper
101 100
103 66.3 54.4 81.6



#8
Diethyl Ether
Concen: 53.097 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 74 Resp: 127788
Ion Ratio Lower Upper
74 100
45 84.9 53.3 159.9

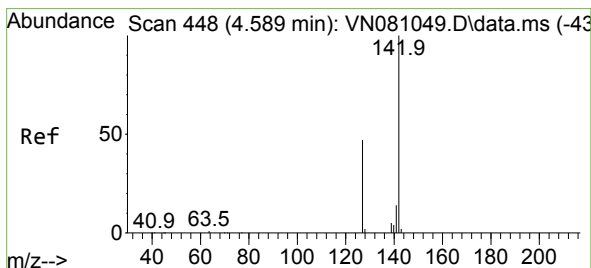
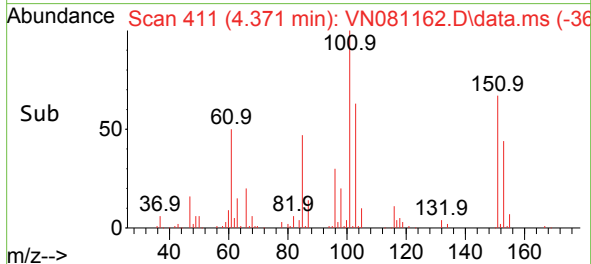
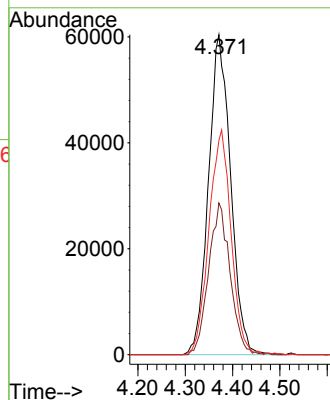
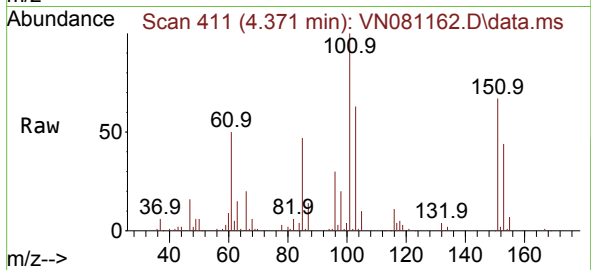




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.479 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081162.D
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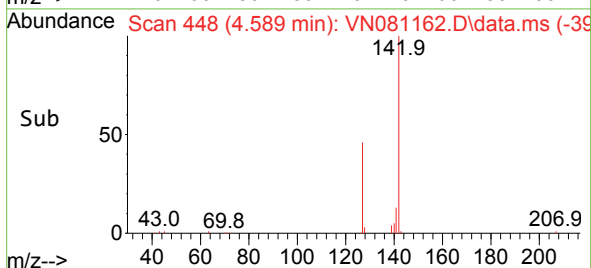
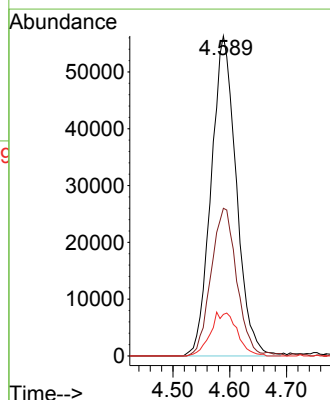
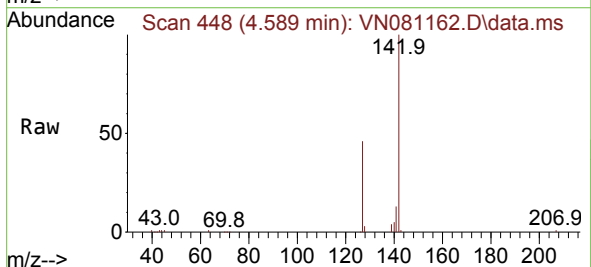
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 196252
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 70.1 49.1 73.7



#10
Methyl Iodide
Concen: 42.193 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:142 Resp: 172829
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.4
141 13.0 12.5 18.7

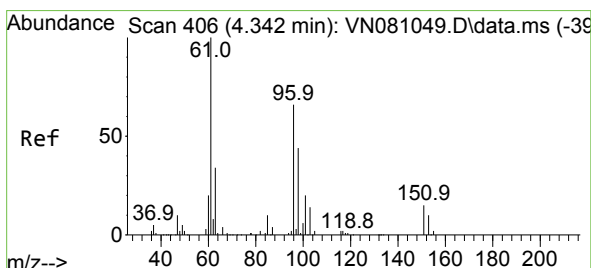
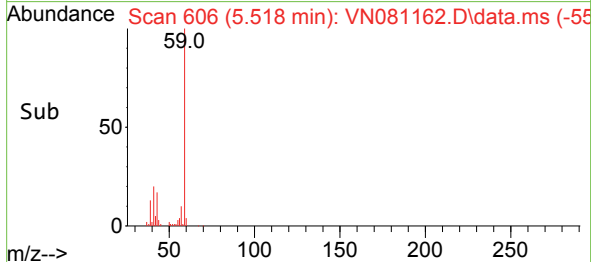
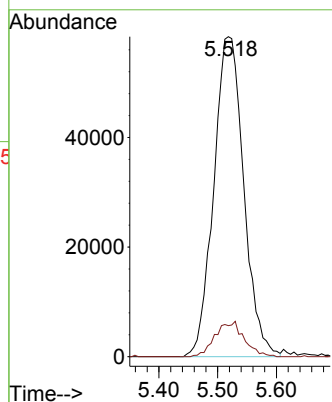
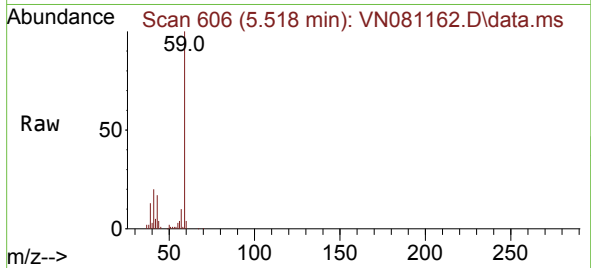




#11
Tert butyl alcohol
Concen: 292.623 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

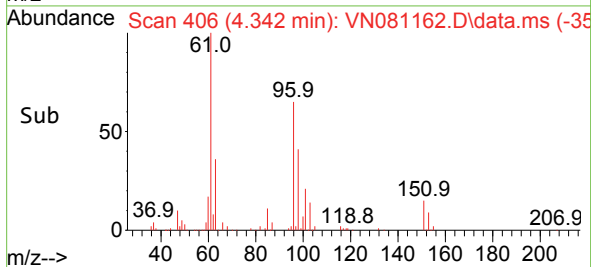
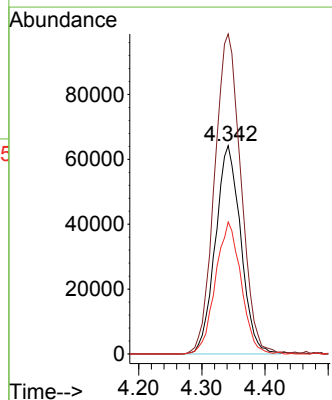
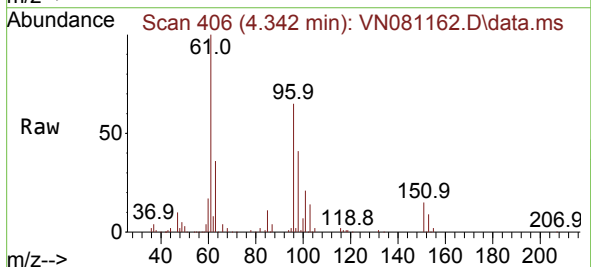
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

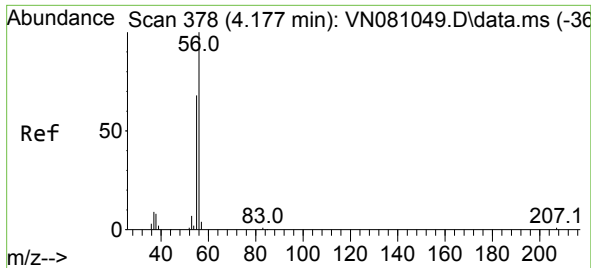
Tgt Ion: 59 Resp: 206908
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.581 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 96 Resp: 179425
Ion Ratio Lower Upper
96 100
61 153.7 138.2 207.4
98 63.4 49.2 73.8

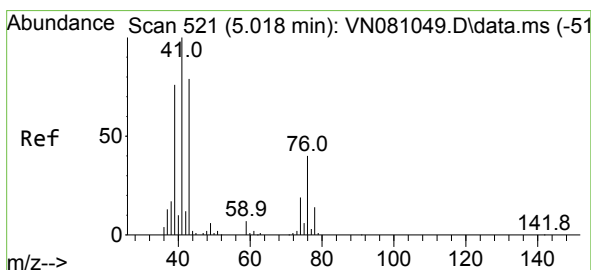
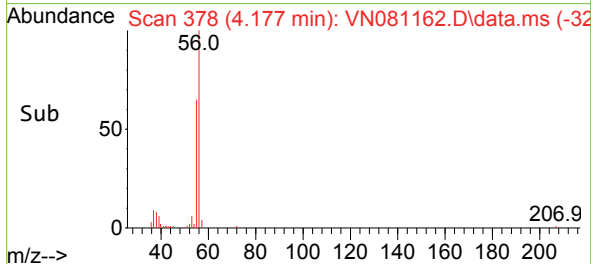
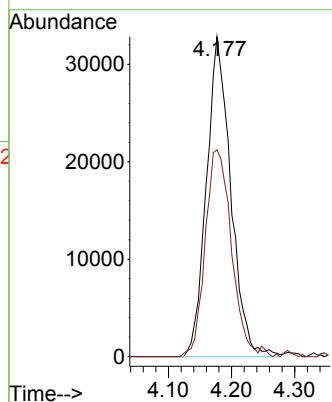
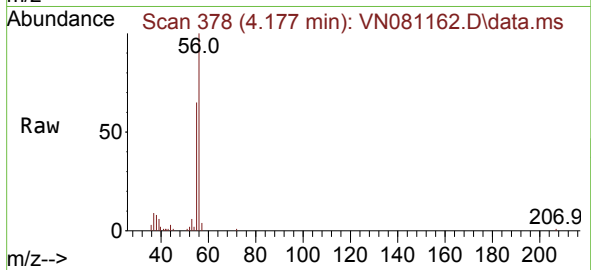




#13
Acrolein
Concen: 232.567 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

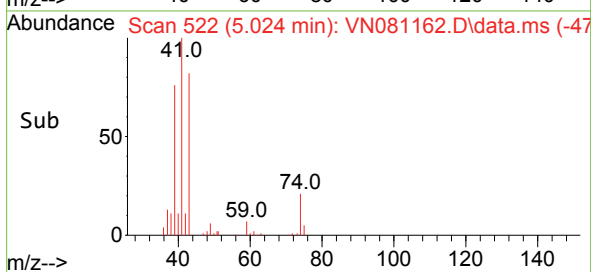
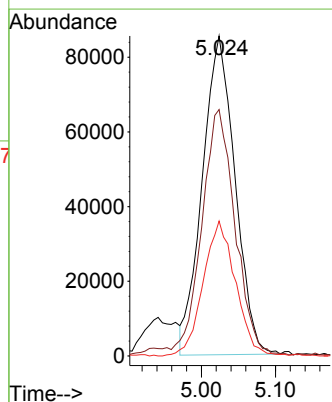
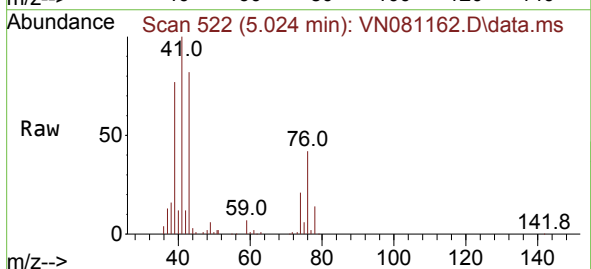
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

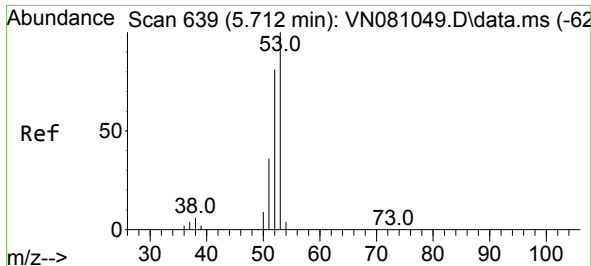
Tgt Ion: 56 Resp: 88138
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9



#14
Allyl chloride
Concen: 49.779 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 41 Resp: 262008
Ion Ratio Lower Upper
41 100
39 78.2 57.7 86.5
76 41.9 26.8 40.2#

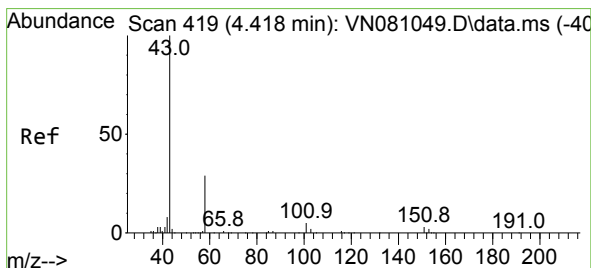
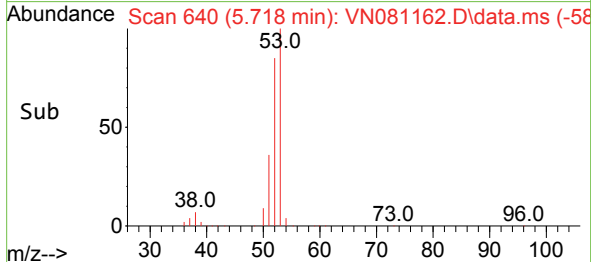
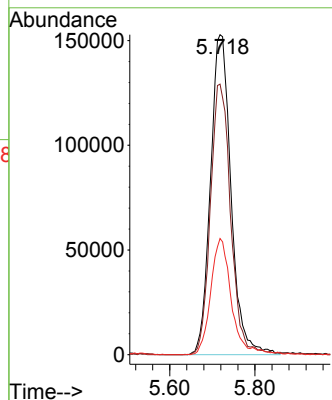
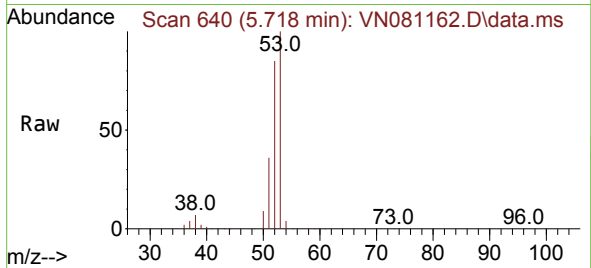




#15
Acrylonitrile
Concen: 277.865 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

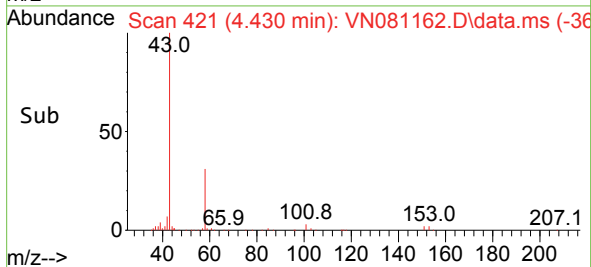
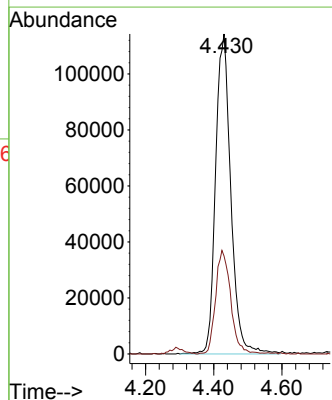
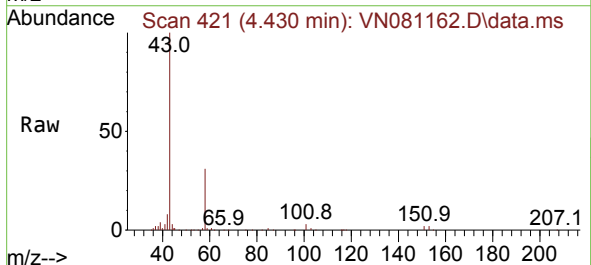
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

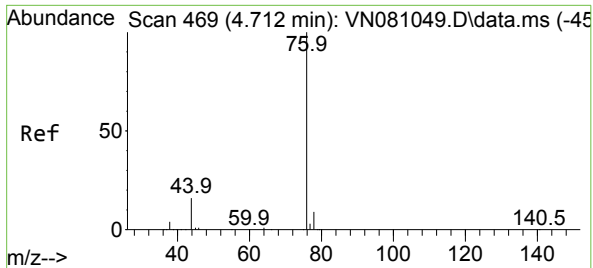
Tgt Ion: 53 Resp: 513123
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.5 26.9 40.3



#16
Acetone
Concen: 234.307 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 43 Resp: 354473
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2

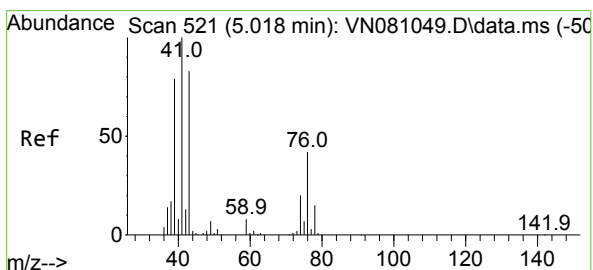
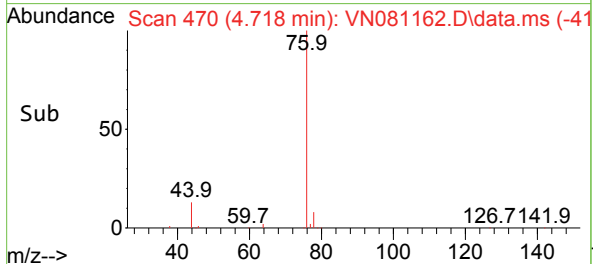
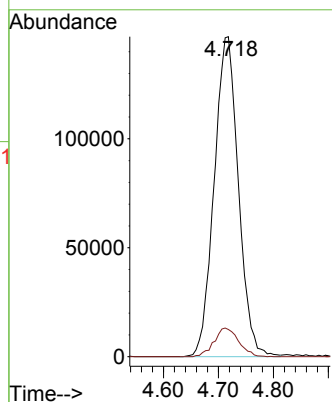
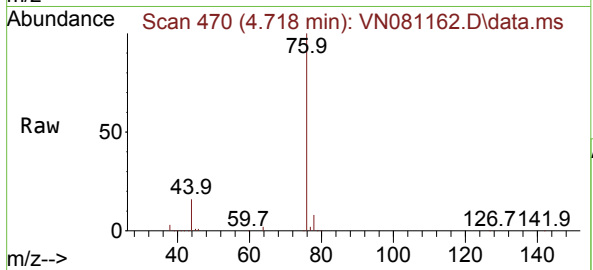




#17
Carbon Disulfide
Concen: 45.433 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

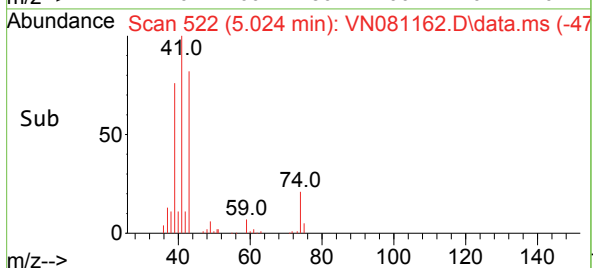
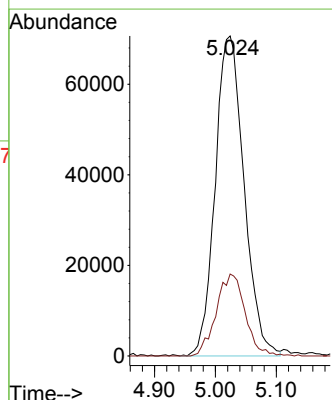
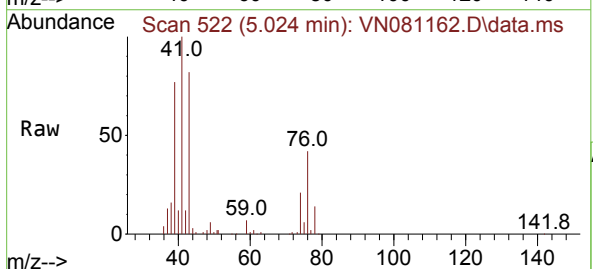
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

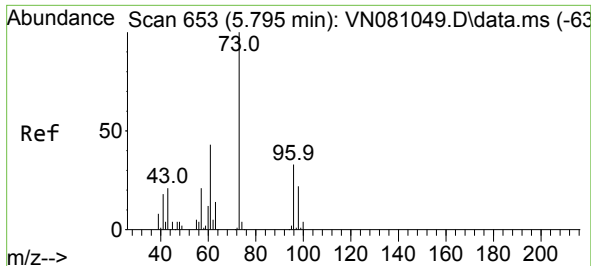
Tgt Ion: 76 Resp: 449523
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5



#18
Methyl Acetate
Concen: 62.986 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 43 Resp: 232454
Ion Ratio Lower Upper
43 100
74 25.7 17.3 25.9

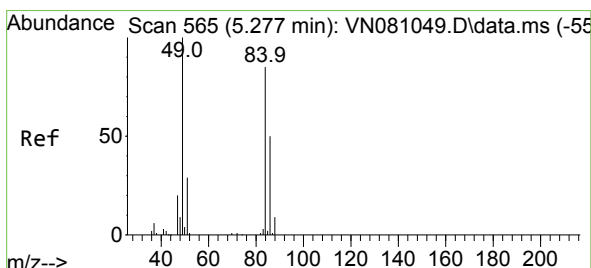
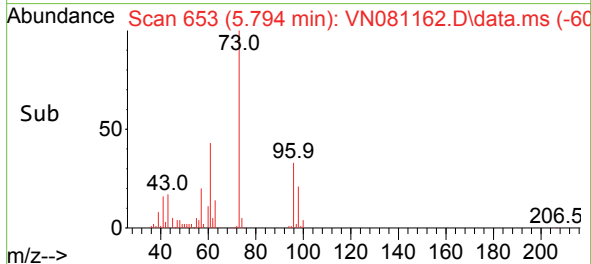
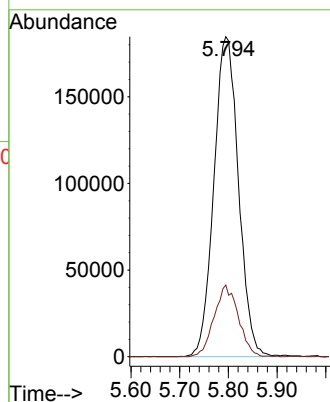
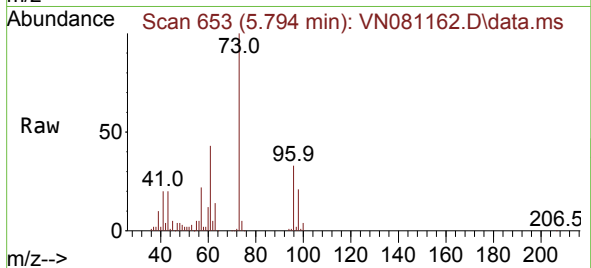




#19
Methyl tert-butyl Ether
Concen: 53.340 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

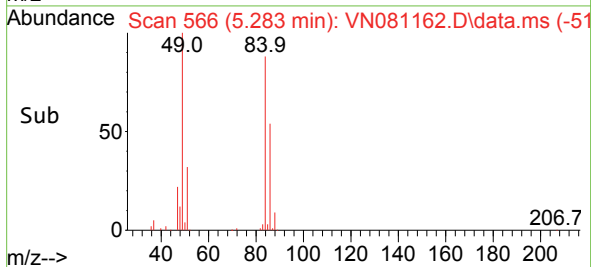
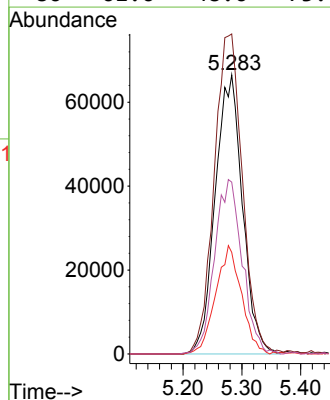
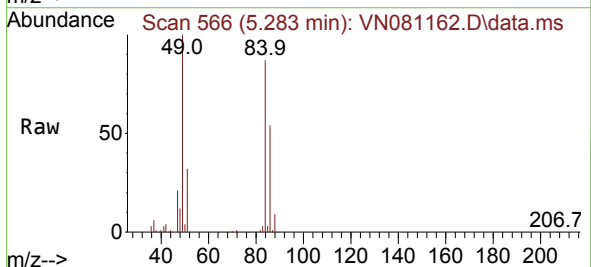
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

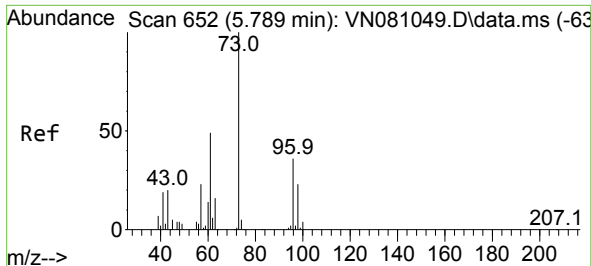
Tgt Ion: 73 Resp: 648046
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 54.753 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 84 Resp: 213941
Ion Ratio Lower Upper
84 100
49 114.7 108.1 162.1
51 36.4 32.9 49.3
86 61.6 48.6 73.0

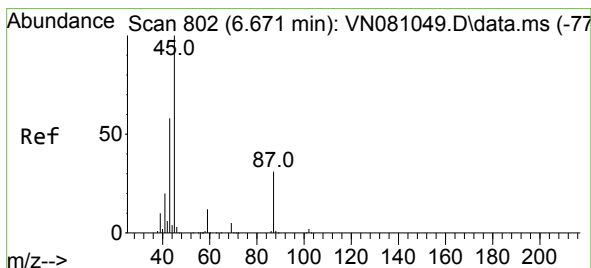
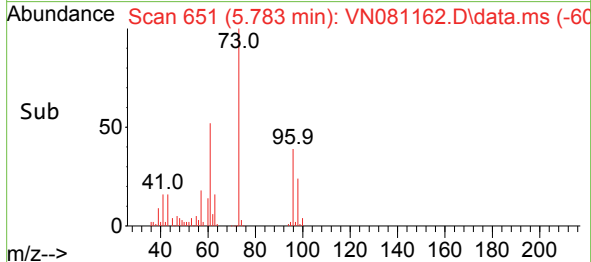
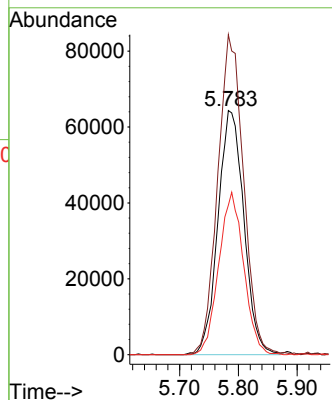
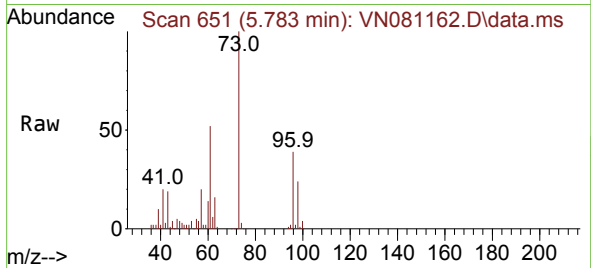




#21
trans-1,2-Dichloroethene
Concen: 49.780 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

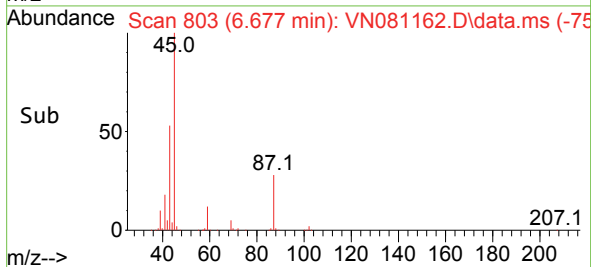
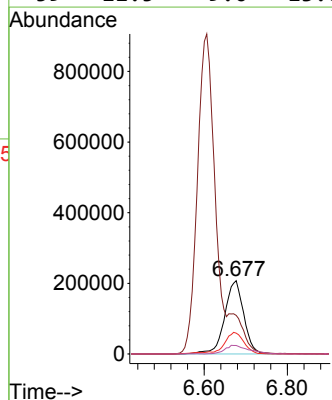
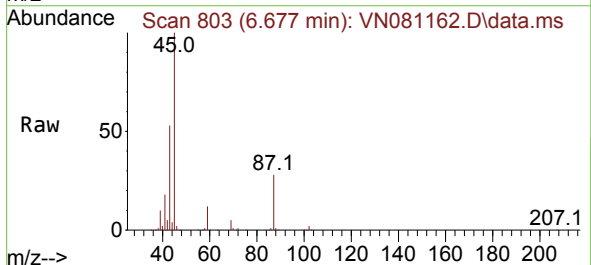
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

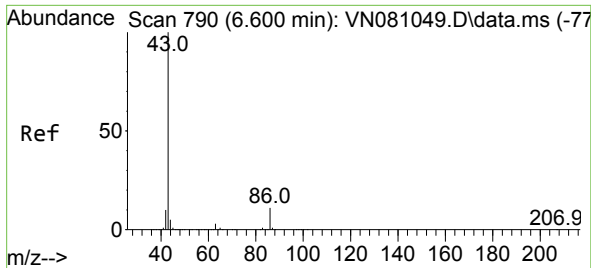
Tgt Ion: 96 Resp: 197015
Ion Ratio Lower Upper
96 100
61 131.1 112.8 169.2
98 61.2 51.0 76.4



#22
Diisopropyl ether
Concen: 55.302 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 45 Resp: 660286
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.8
87 28.3 18.1 27.1#
59 11.5 9.0 13.6

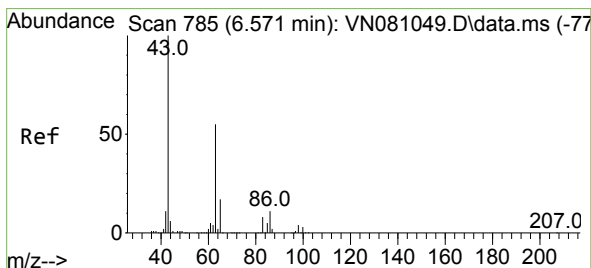
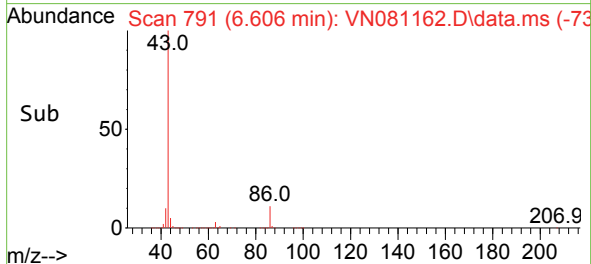
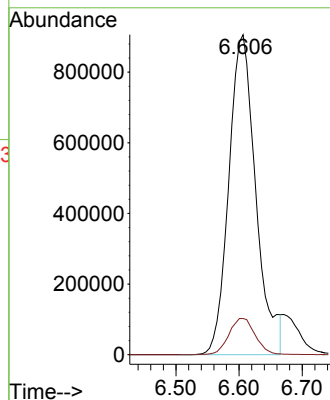
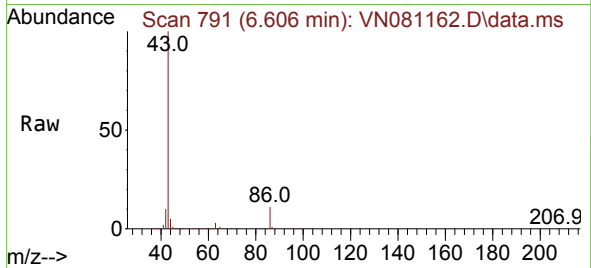




#23
 Vinyl Acetate
 Concen: 278.077 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

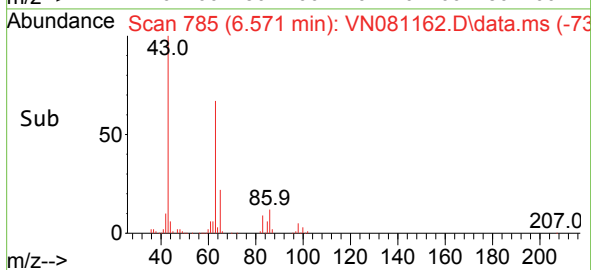
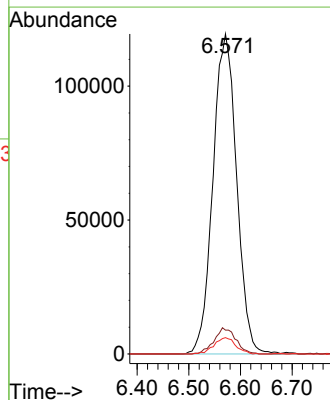
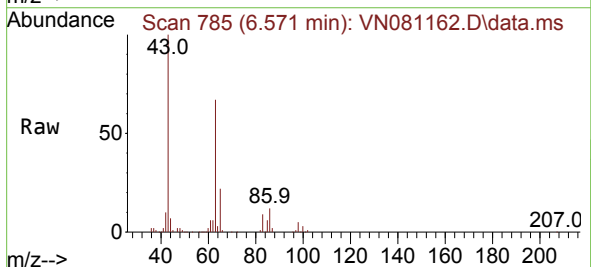
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

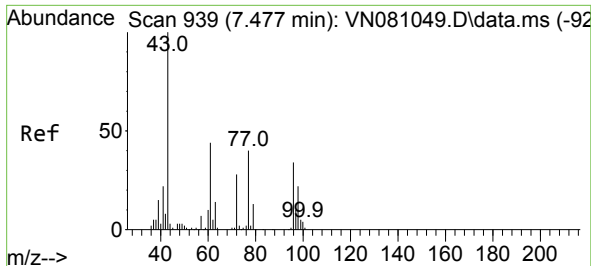
Tgt Ion: 43 Resp: 2693750
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.083 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion: 63 Resp: 380274
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 5.1 1.9 5.7

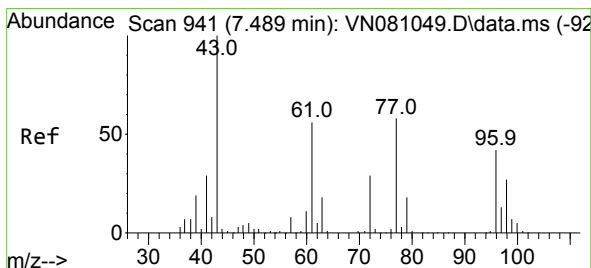
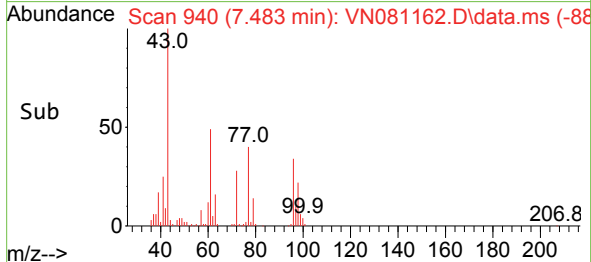
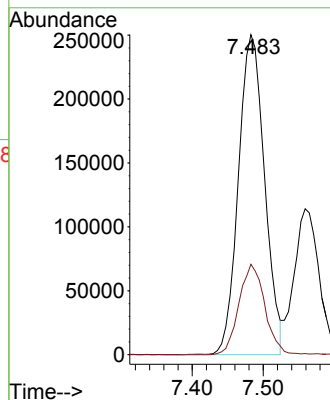
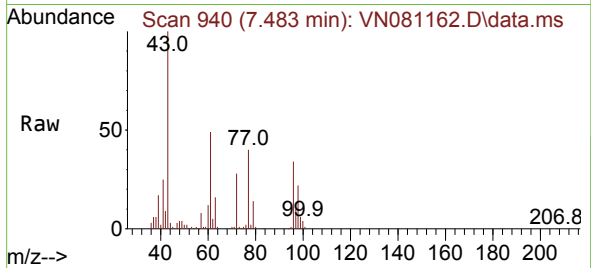




#25
2-Butanone
Concen: 262.706 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

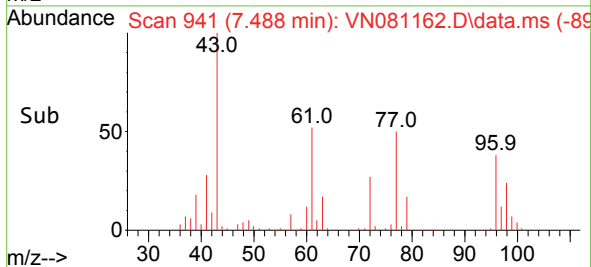
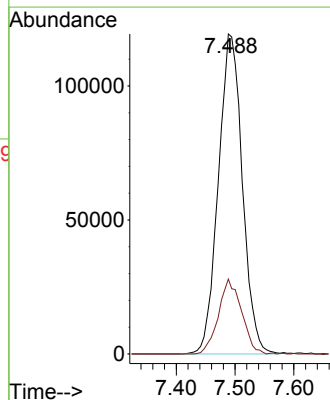
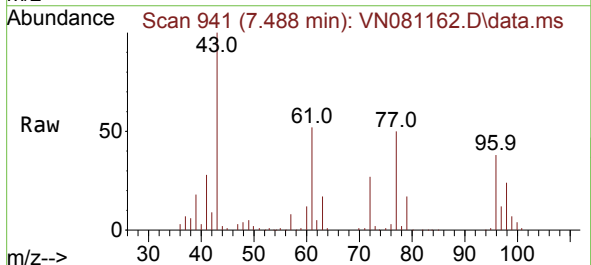
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

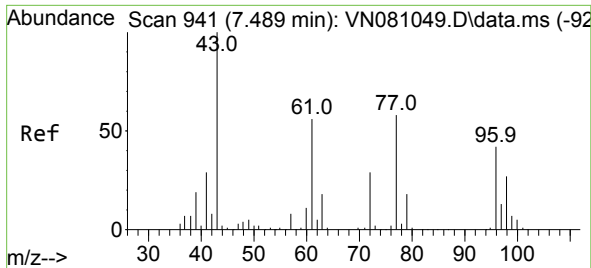
Tgt Ion: 43 Resp: 642070
Ion Ratio Lower Upper
43 100
72 28.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 52.310 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 77 Resp: 338372
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5

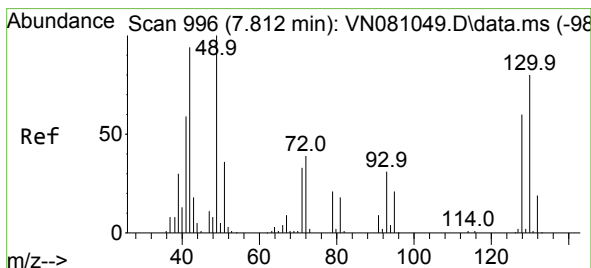
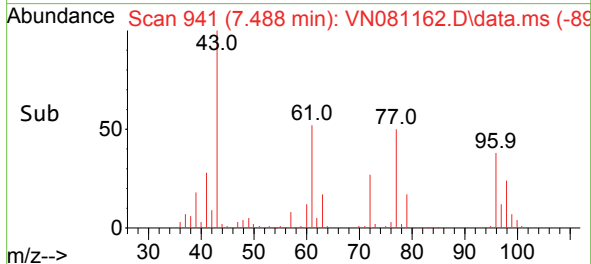
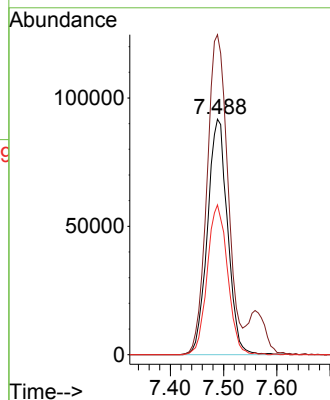
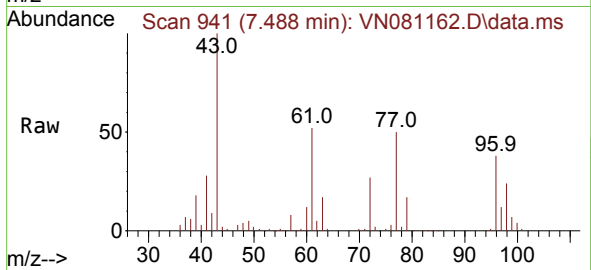




#27
 cis-1,2-Dichloroethene
 Concen: 52.341 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

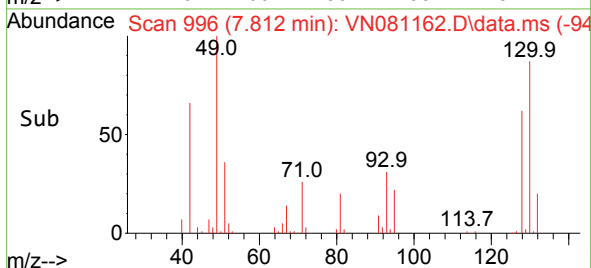
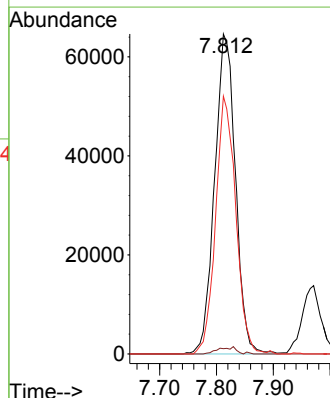
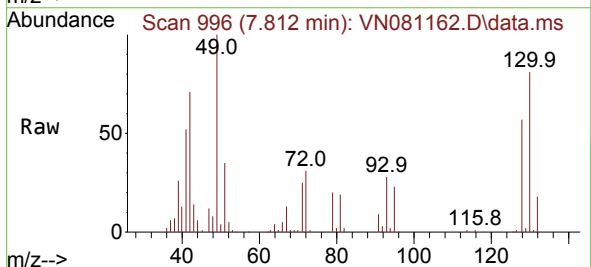
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

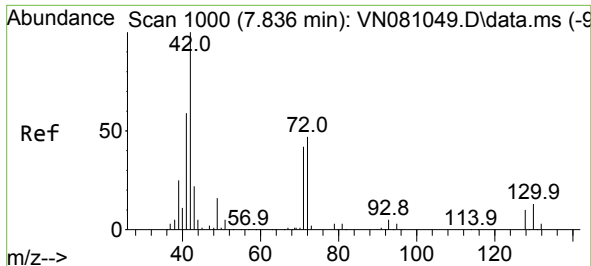
Tgt Ion: 96 Resp: 240680
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 325.4
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 57.632 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion: 49 Resp: 164947
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 1.6#
 130 77.8 42.3 63.5#

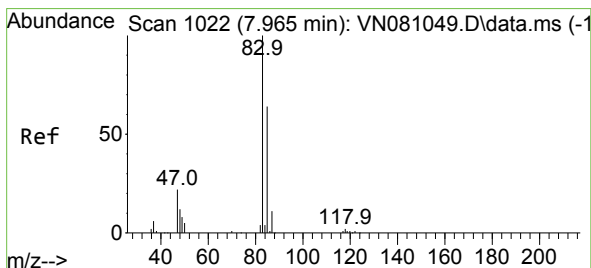
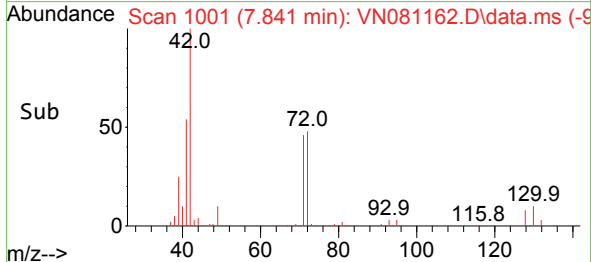
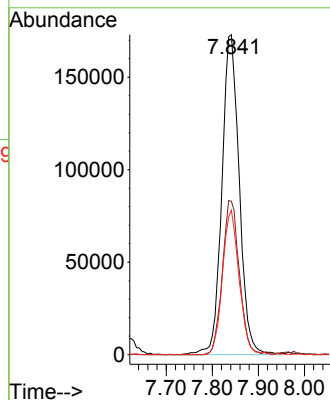
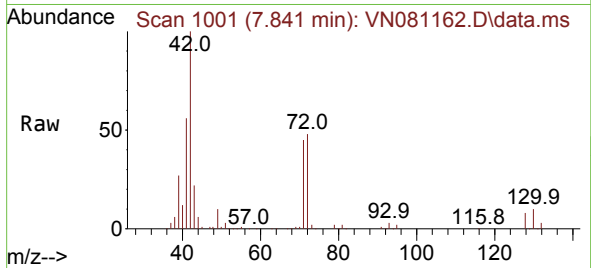




#29
Tetrahydrofuran
Concen: 277.323 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

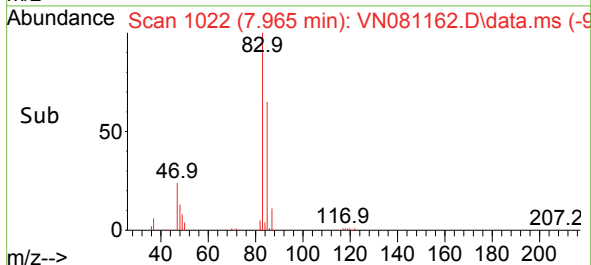
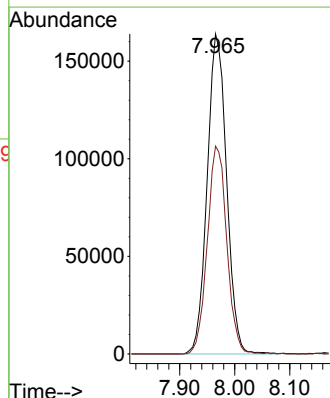
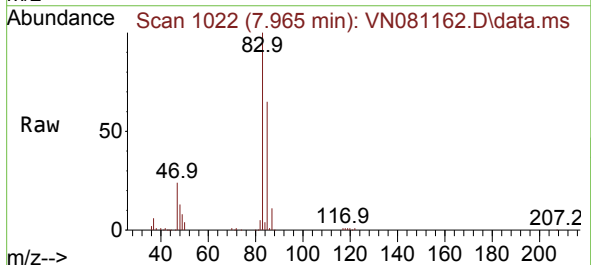
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

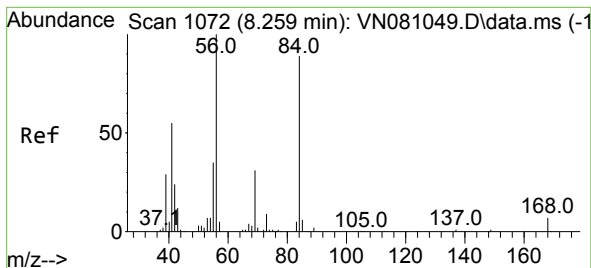
Tgt Ion: 42 Resp: 452459
Ion Ratio Lower Upper
42 100
72 46.8 31.1 46.7#
71 43.2 28.3 42.5#



#30
Chloroform
Concen: 54.772 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 83 Resp: 401974
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6





#31

Cyclohexane

Concen: 48.710 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

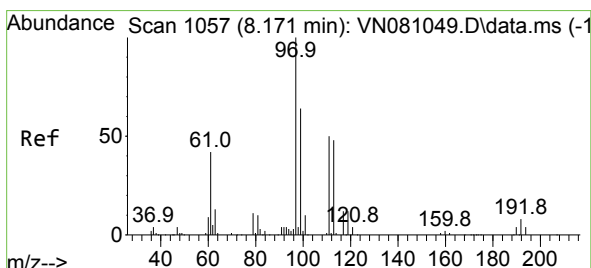
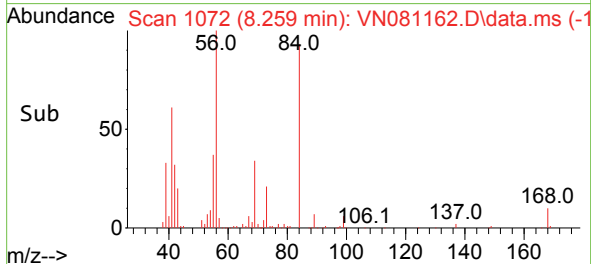
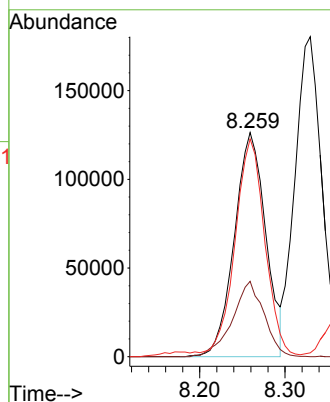
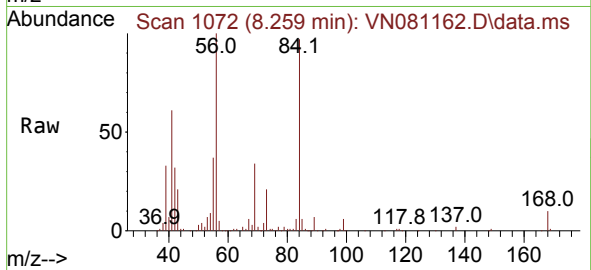
Tgt Ion: 56 Resp: 323377

Ion Ratio Lower Upper

56 100

69 33.6 20.1 30.1#

84 95.1 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 53.735 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

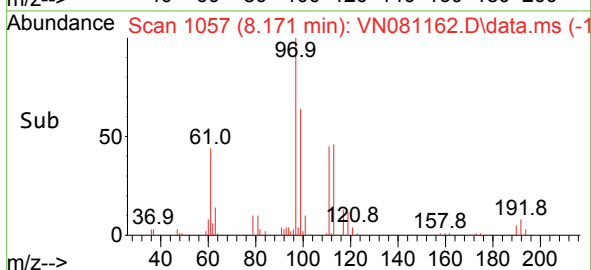
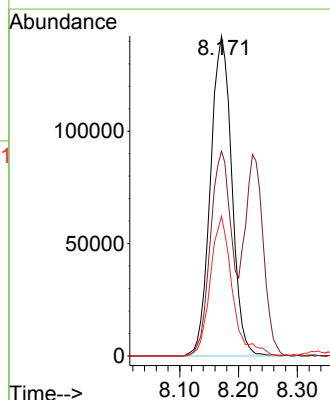
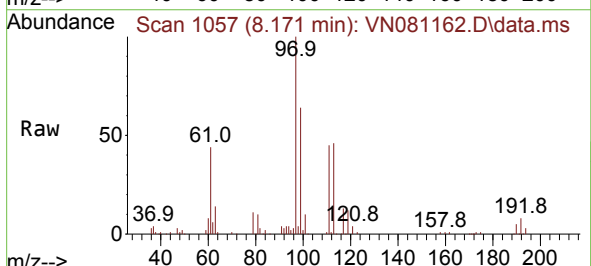
Tgt Ion: 97 Resp: 359162

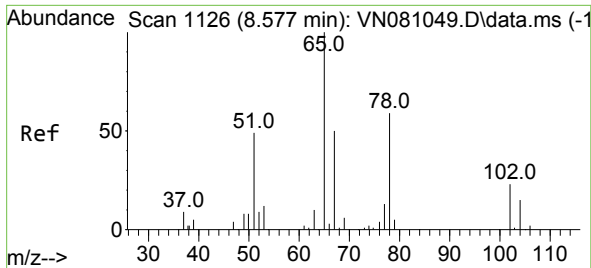
Ion Ratio Lower Upper

97 100

99 64.8 53.4 80.0

61 45.2 43.8 65.8

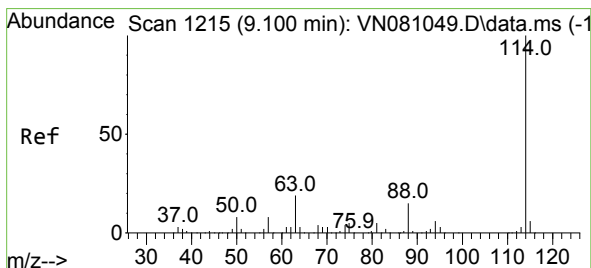
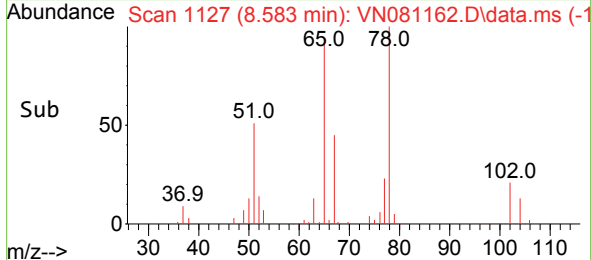
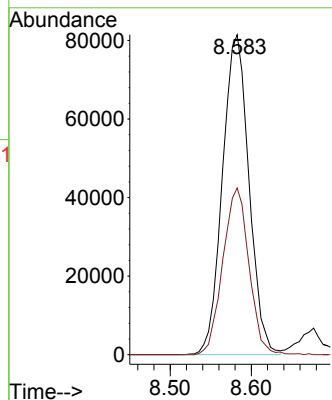
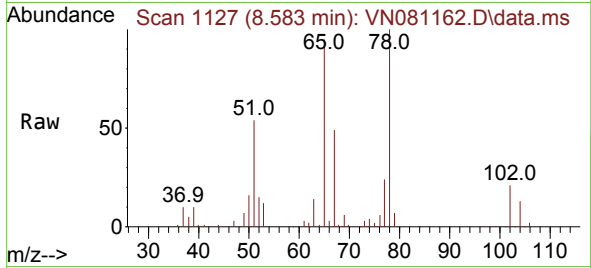




#33
 1,2-Dichloroethane-d4
 Concen: 48.122 ug/l
 RT: 8.583 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

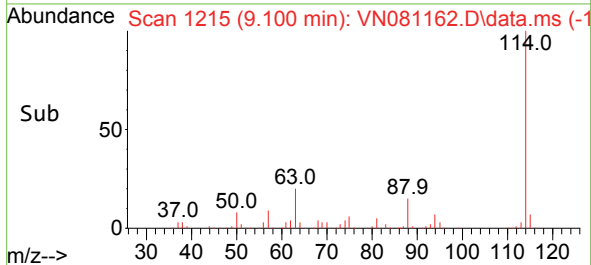
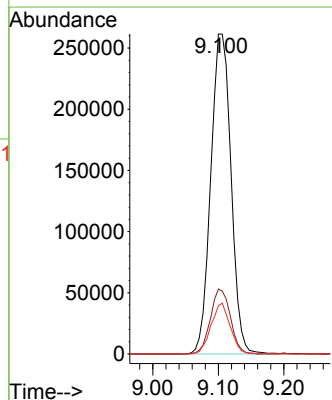
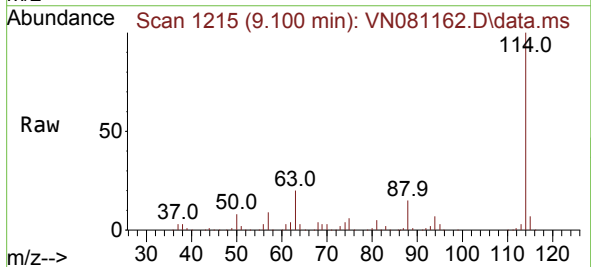
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

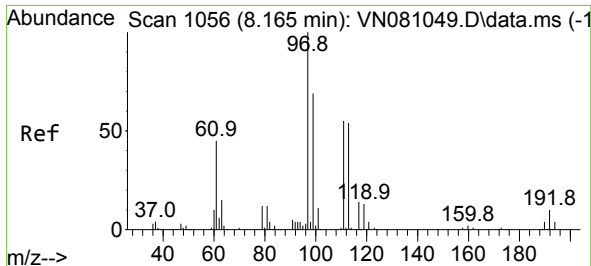
Tgt Ion: 65 Resp: 185019
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion: 114 Resp: 561242
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 48.0
 88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.575 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

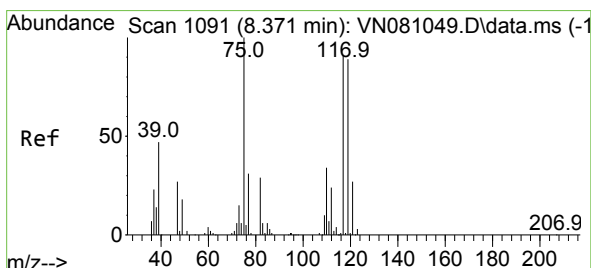
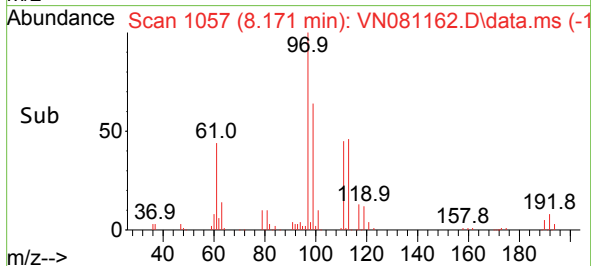
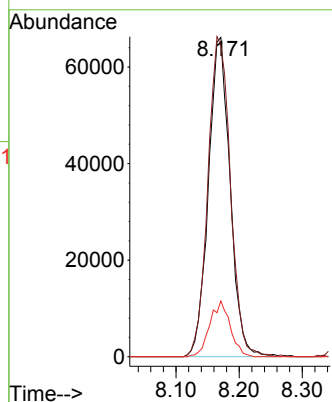
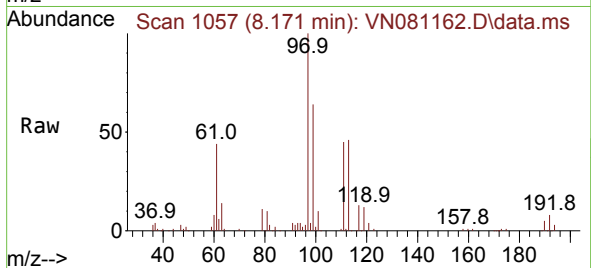
Tgt Ion:113 Resp: 157333

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 16.5 12.5 18.7



#36

1,1-Dichloropropene

Concen: 53.488 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

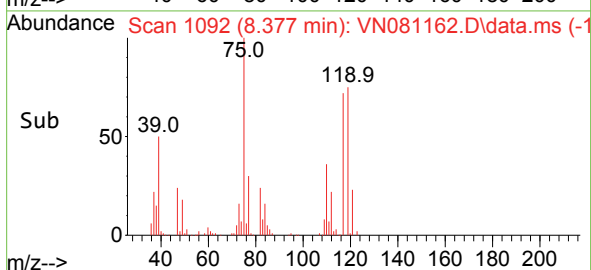
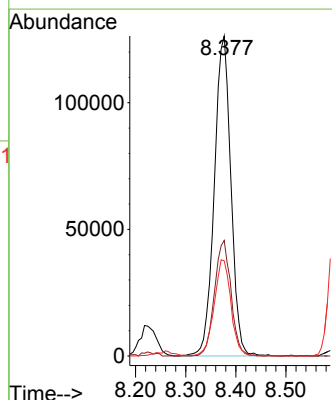
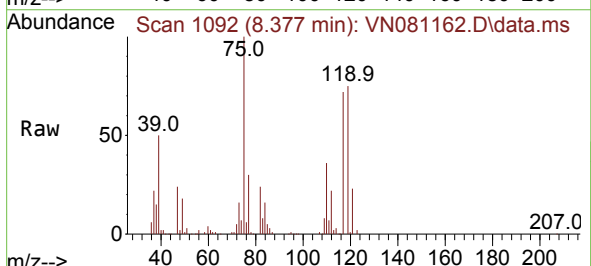
Tgt Ion: 75 Resp: 290821

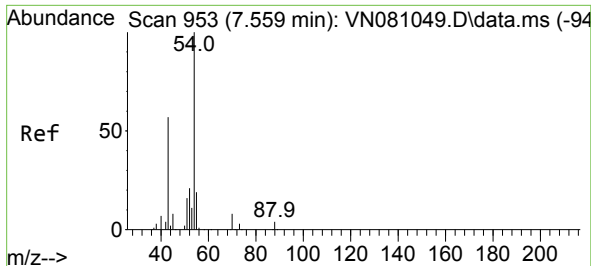
Ion Ratio Lower Upper

75 100

110 35.8 16.0 48.0

77 30.4 25.8 38.6





#37

Ethyl Acetate

Concen: 56.599 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

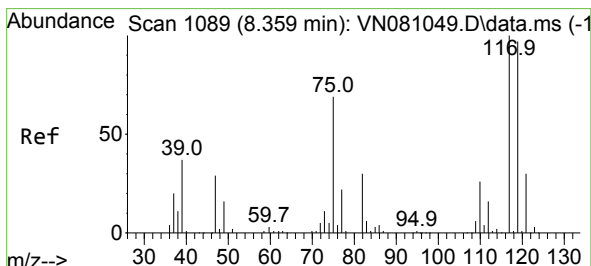
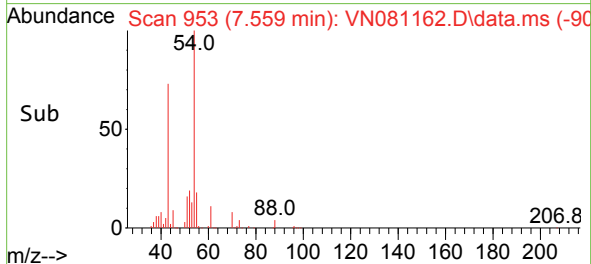
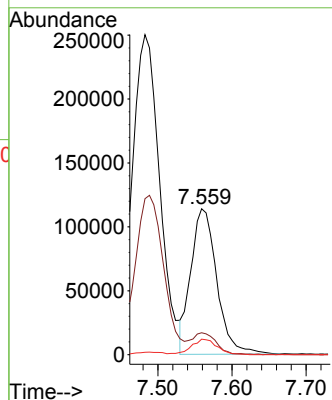
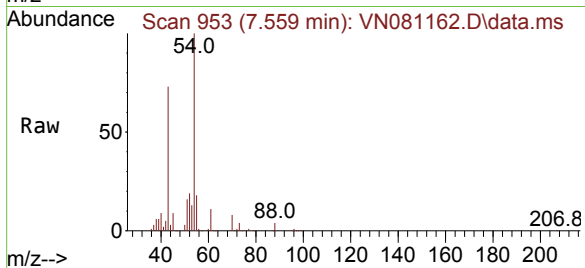
Tgt Ion: 43 Resp: 277734

Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

70 10.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 55.760 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

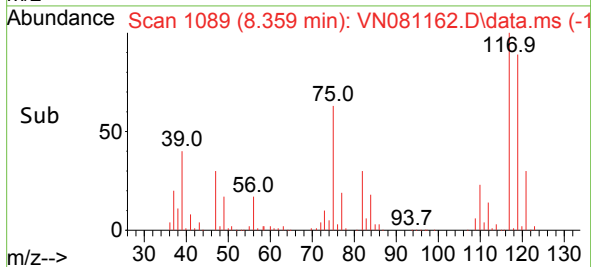
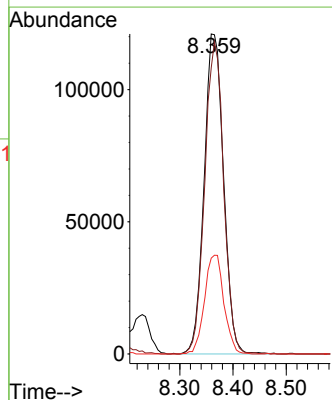
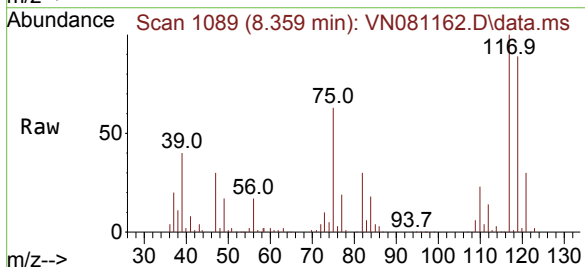
Tgt Ion: 117 Resp: 306729

Ion Ratio Lower Upper

117 100

119 89.4 73.4 110.2

121 30.0 24.4 36.6

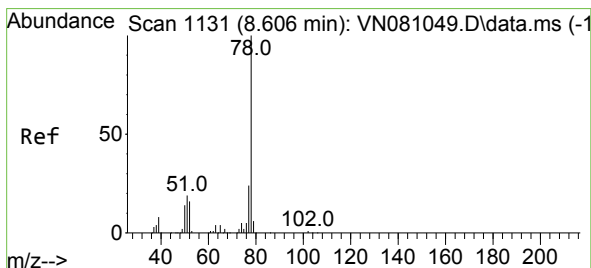
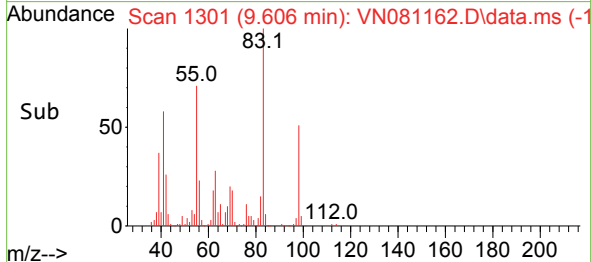
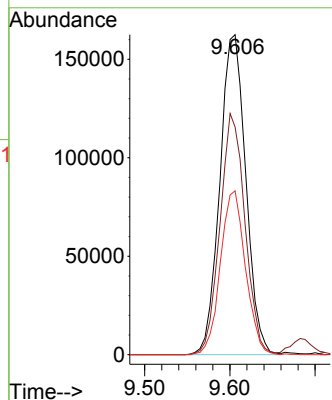
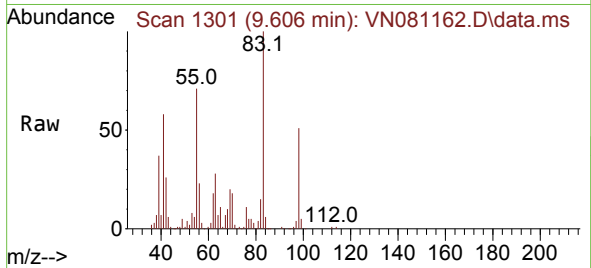




#39
Methylcyclohexane
Concen: 54.280 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

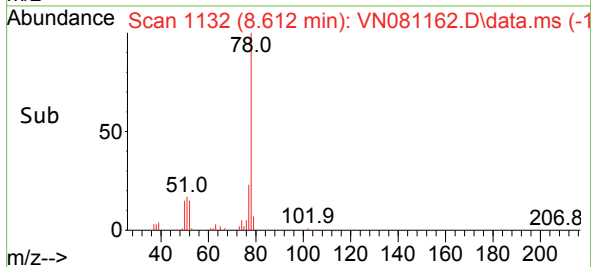
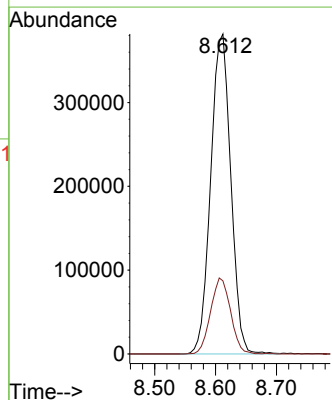
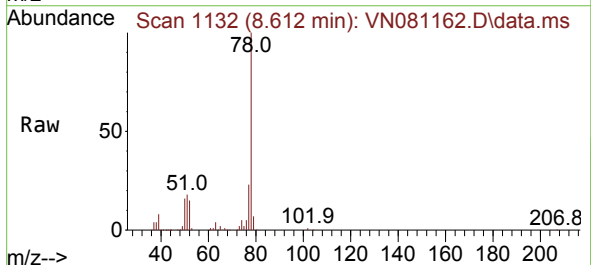
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

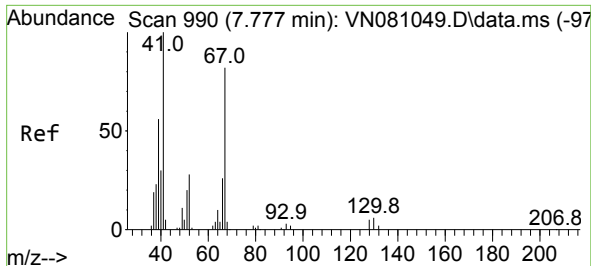
Tgt Ion: 83 Resp: 344038
Ion Ratio Lower Upper
83 100
55 71.1 65.7 98.5
98 51.2 33.8 50.6#



#40
Benzene
Concen: 55.582 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 78 Resp: 874737
Ion Ratio Lower Upper
78 100
77 22.9 20.4 30.6

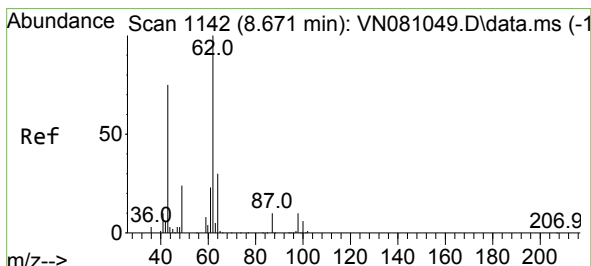
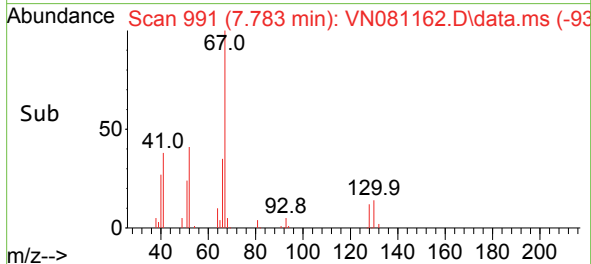
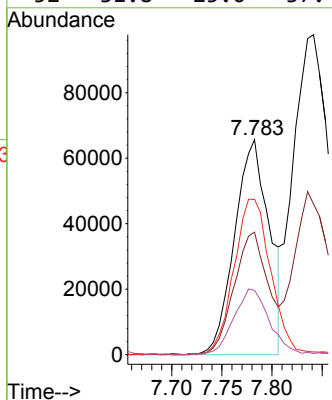
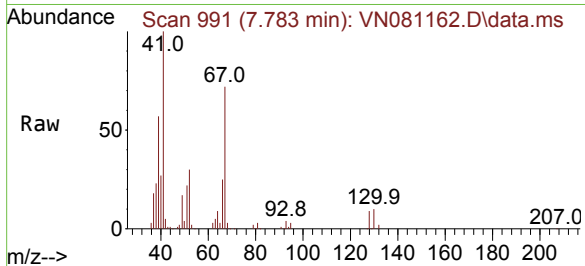




#41
Methacrylonitrile
Concen: 56.594 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

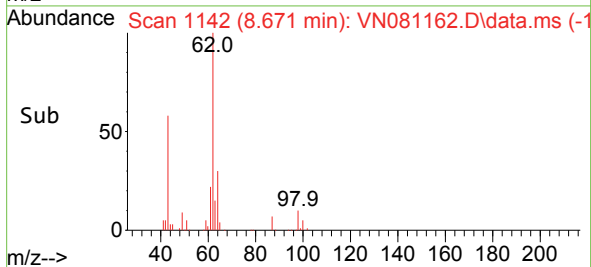
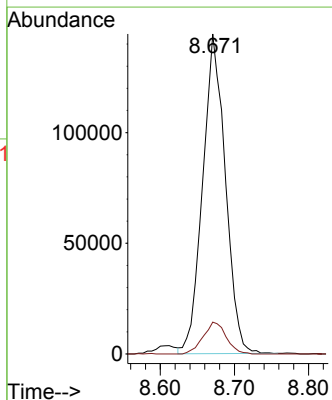
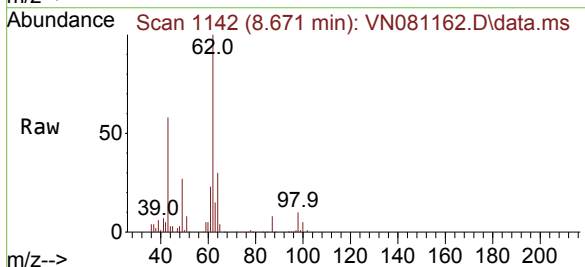
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

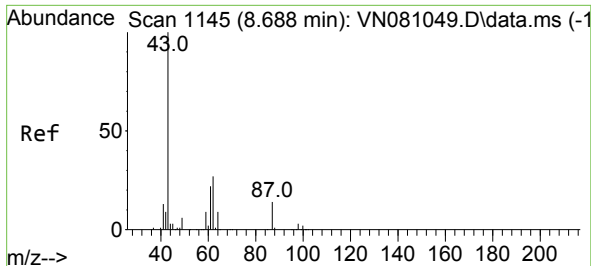
Tgt Ion: 41 Resp: 158051
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 77.2 56.8 85.2
52 31.8 25.0 37.4



#42
1,2-Dichloroethane
Concen: 55.858 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 62 Resp: 306695
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0

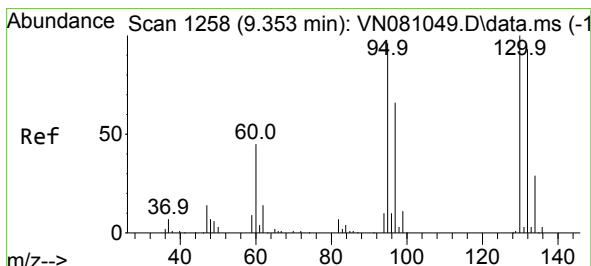
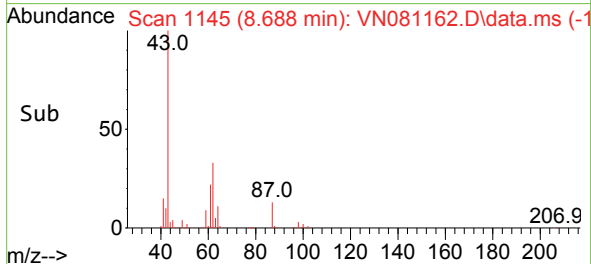
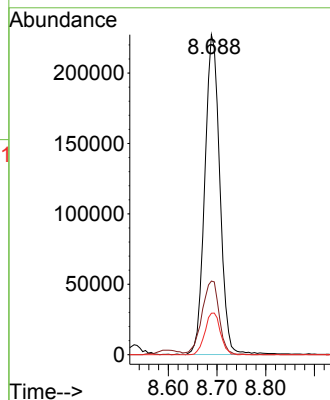
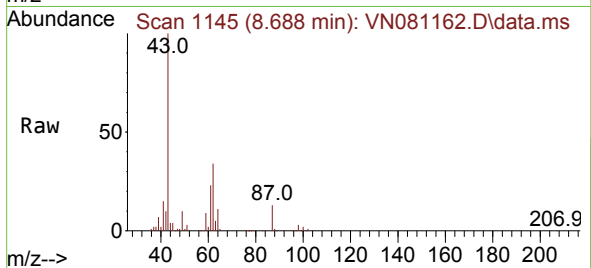




#43
Isopropyl Acetate
Concen: 56.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

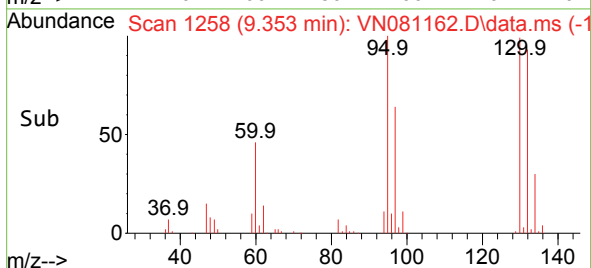
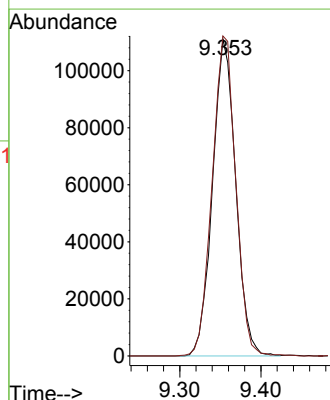
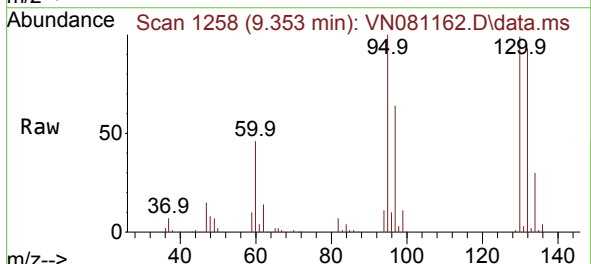
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

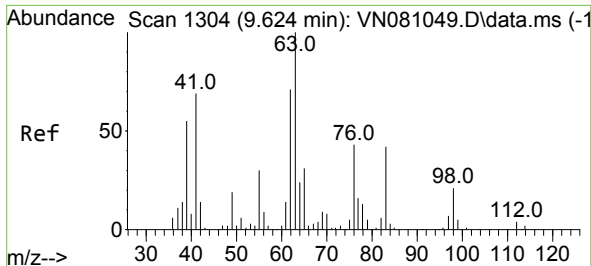
Tgt Ion: 43 Resp: 485544
Ion Ratio Lower Upper
43 100
61 26.5 19.9 29.9
87 13.4 9.0 13.6



#44
Trichloroethene
Concen: 52.534 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:130 Resp: 220206
Ion Ratio Lower Upper
130 100
95 100.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.082 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

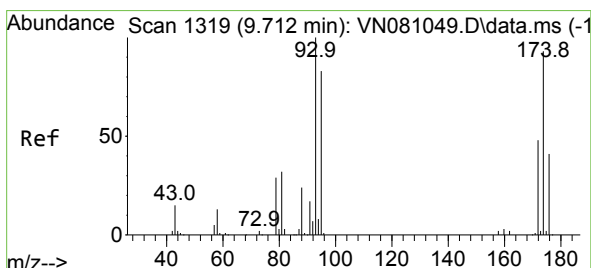
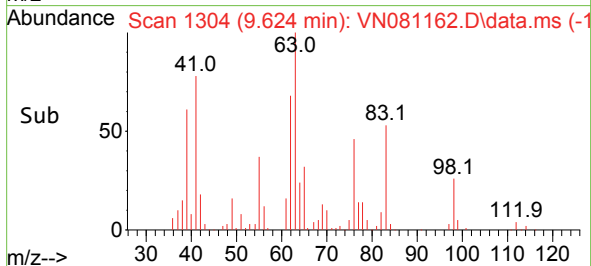
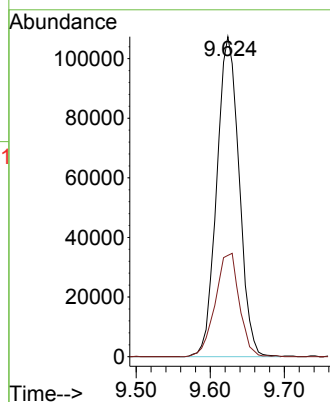
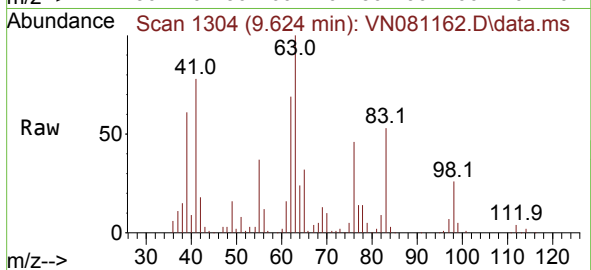
VSTDCCC050

Tgt Ion: 63 Resp: 224716

Ion Ratio Lower Upper

63 100

65 31.6 26.1 39.1



#46

Dibromomethane

Concen: 55.668 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

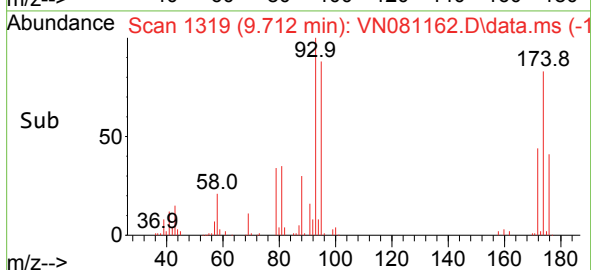
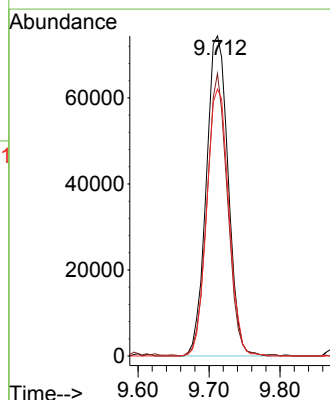
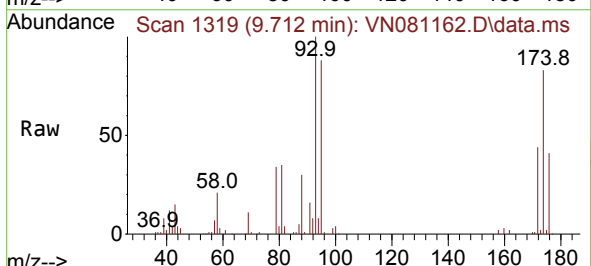
Tgt Ion: 93 Resp: 159674

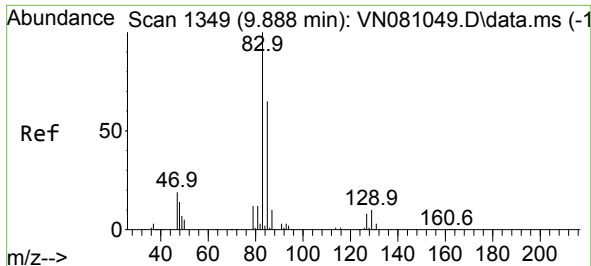
Ion Ratio Lower Upper

93 100

95 82.7 68.1 102.1

174 83.8 57.2 85.8

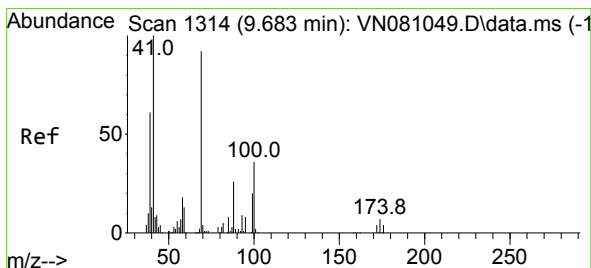
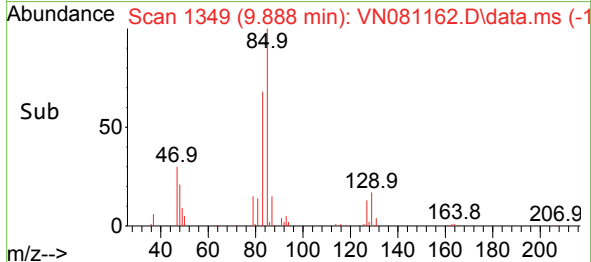
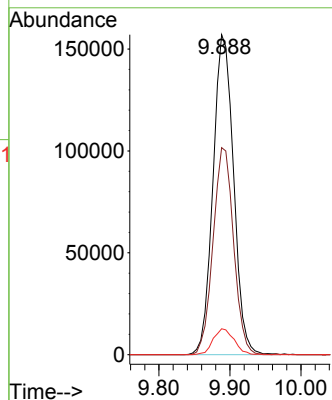
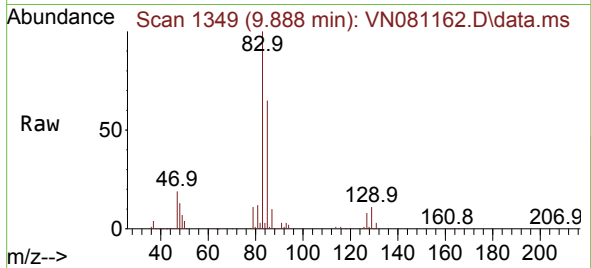




#47
Bromodichloromethane
Concen: 58.019 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

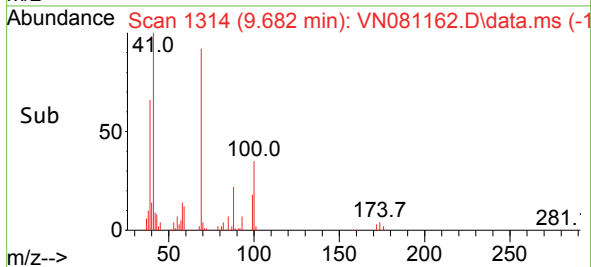
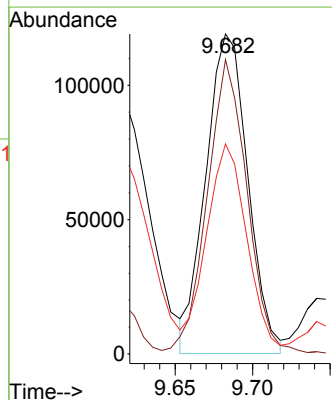
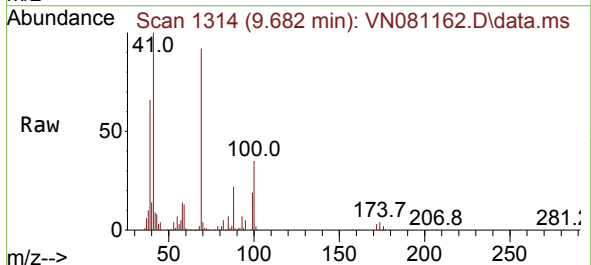
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

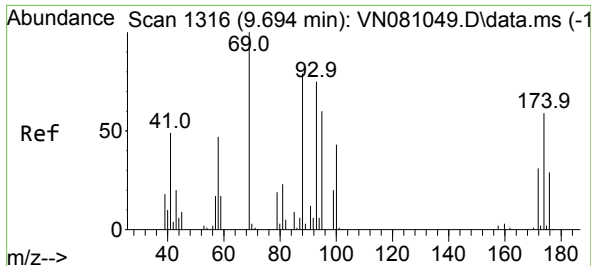
Tgt Ion: 83 Resp: 315189
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5
127 8.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 56.144 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 41 Resp: 224205
Ion Ratio Lower Upper
41 100
69 87.4 62.2 93.2
39 63.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1262.426 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

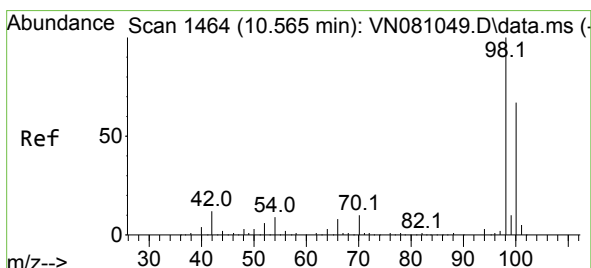
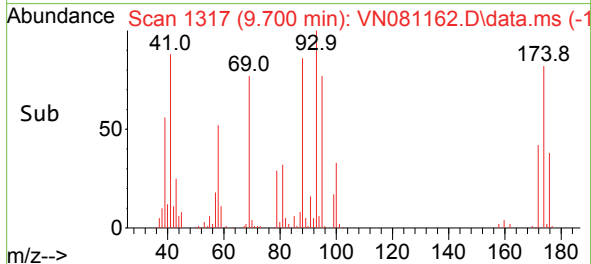
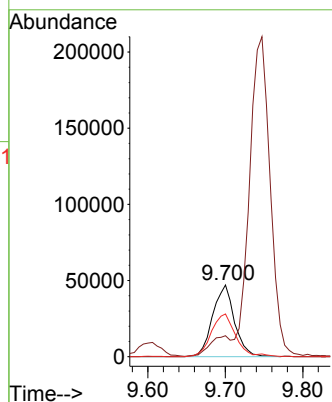
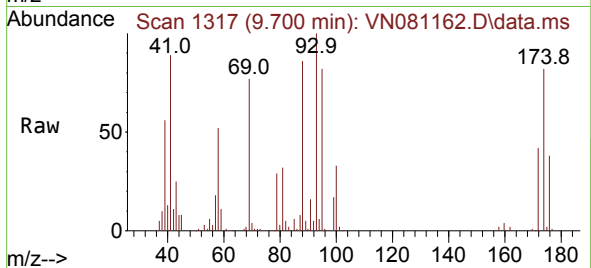
Tgt Ion: 88 Resp: 92000

Ion Ratio Lower Upper

88 100

43 26.9 30.1 45.1#

58 66.8 63.9 95.9



#50

Toluene-d8

Concen: 47.330 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081162.D

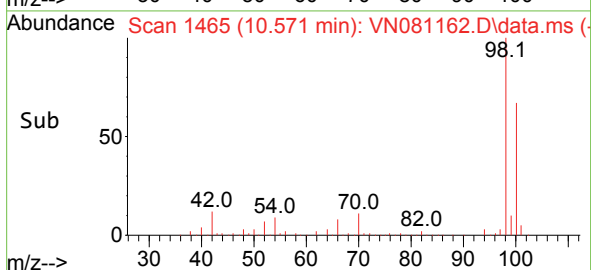
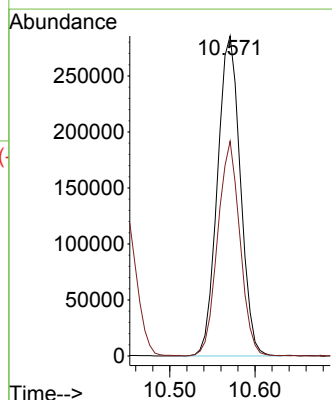
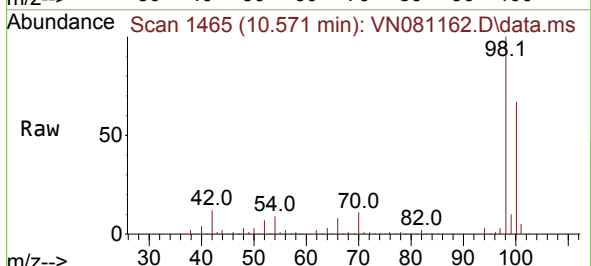
Acq: 23 Feb 2024 16:22

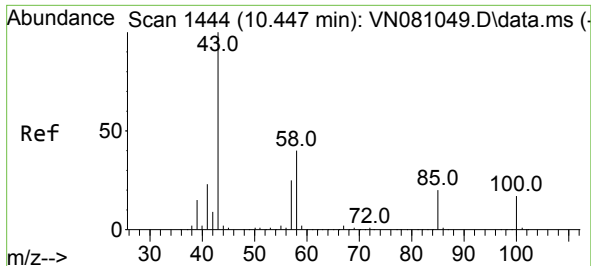
Tgt Ion: 98 Resp: 533504

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0

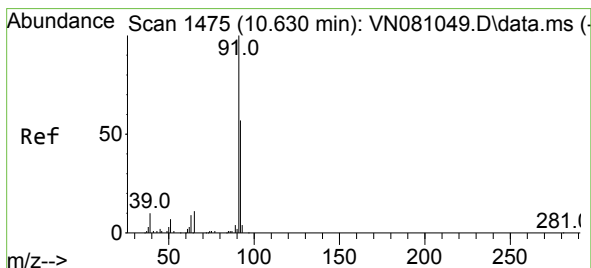
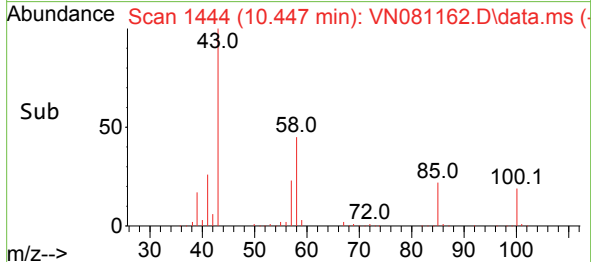
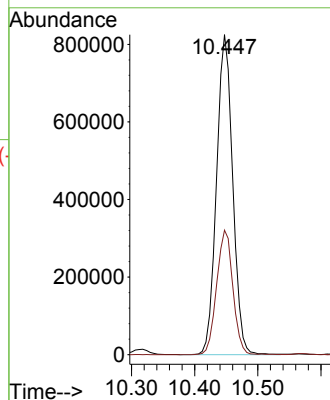
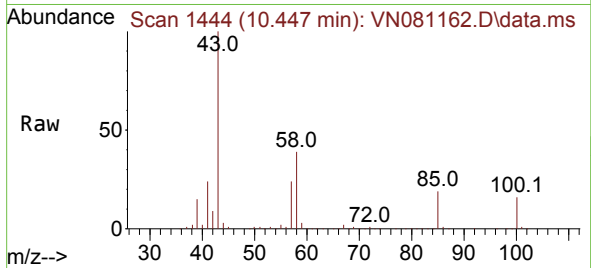




#51
4-Methyl-2-Pentanone
Concen: 297.551 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

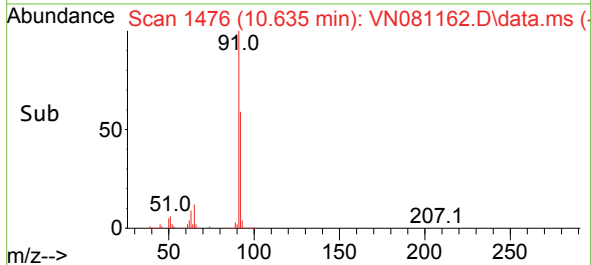
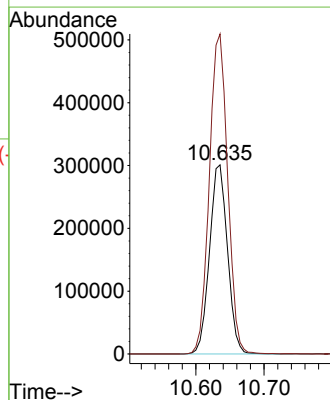
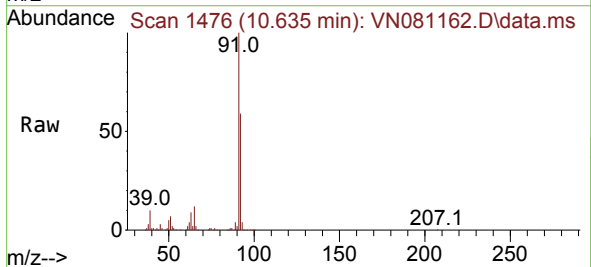
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

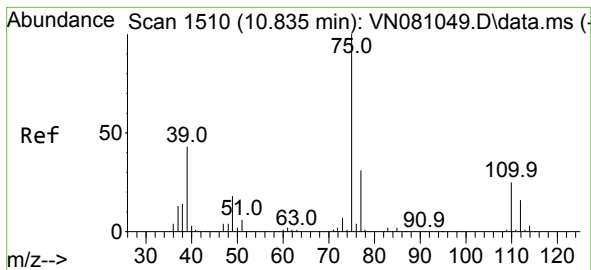
Tgt Ion: 43 Resp: 1468975
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0



#52
Toluene
Concen: 55.424 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 92 Resp: 552199
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0

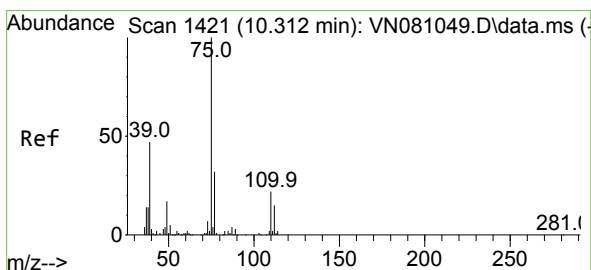
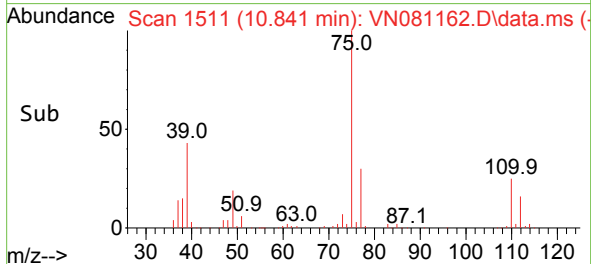
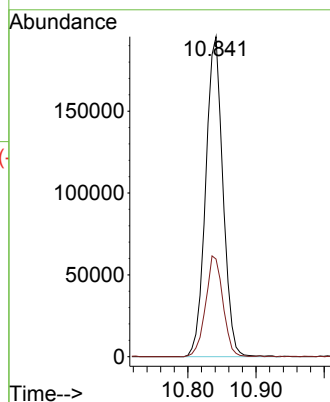
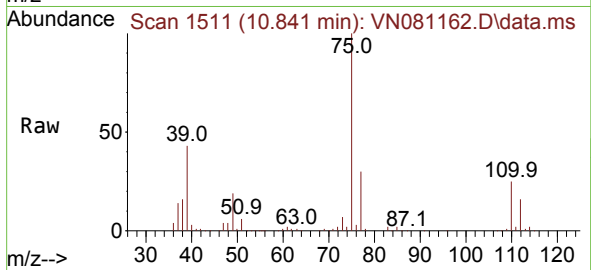




#53
t-1,3-Dichloropropene
Concen: 56.911 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

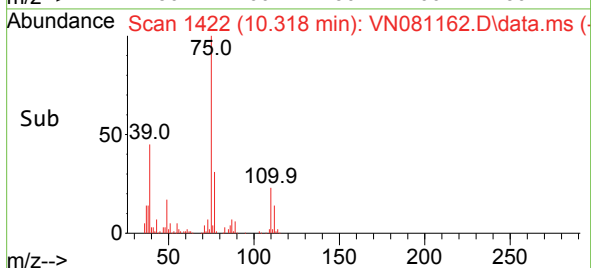
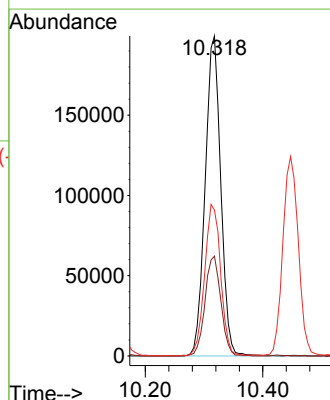
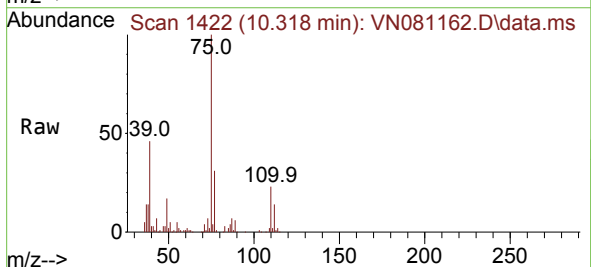
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

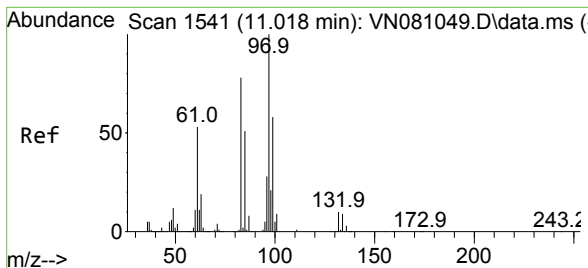
Tgt Ion: 75 Resp: 343566
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 56.225 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 75 Resp: 366722
Ion Ratio Lower Upper
75 100
77 31.2 23.3 34.9
39 45.6 44.6 66.8



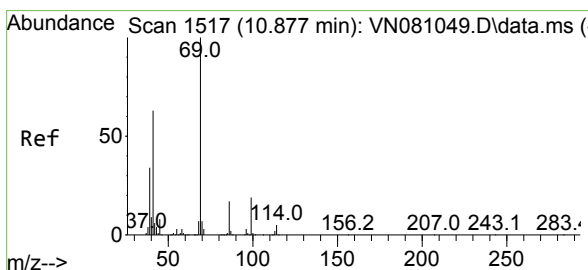
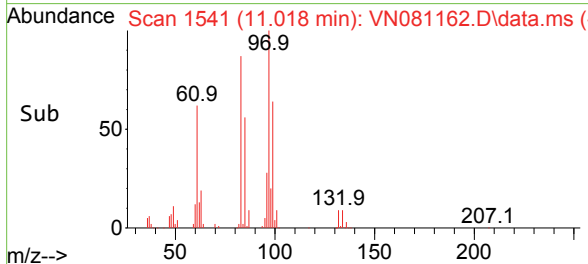
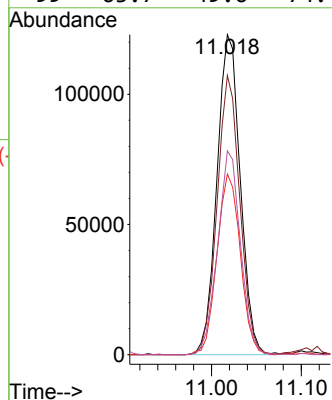
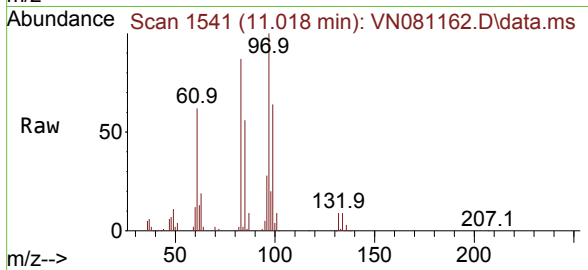


#55
 1,1,2-Trichloroethane
 Concen: 57.964 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 222120

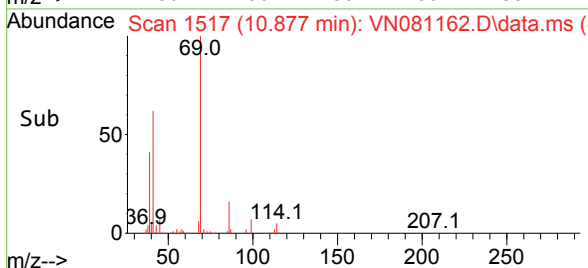
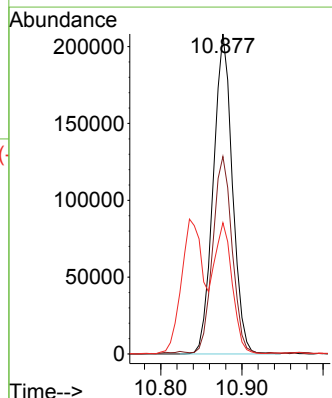
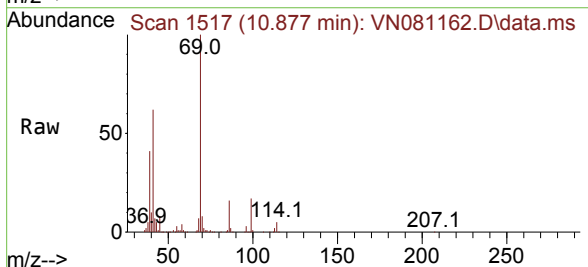
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.9	109.3
85	56.5	50.2	75.2
99	63.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 58.193 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion: 69 Resp: 340808

Ion	Ratio	Lower	Upper
69	100		
41	61.9	61.0	91.6
39	38.0	31.8	47.6

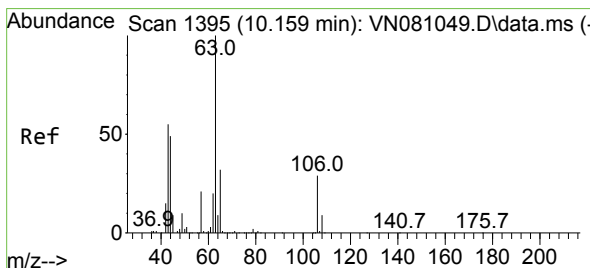
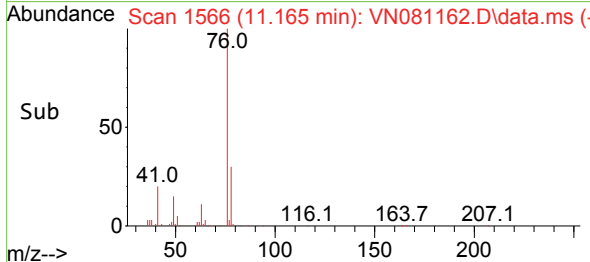
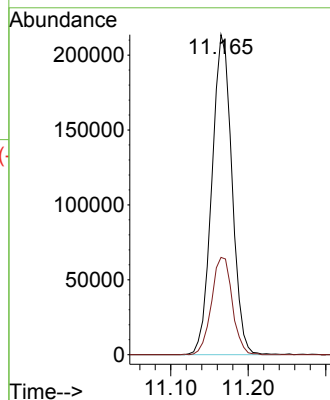
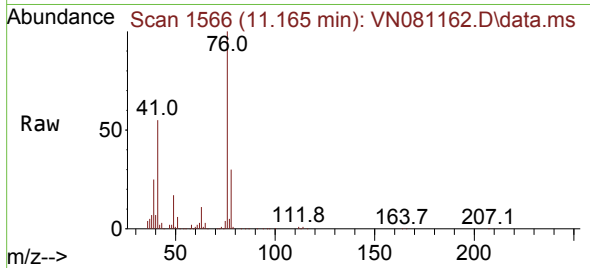




#57
1,3-Dichloropropane
Concen: 57.927 ug/l
RT: 11.165 min Scan# 11165
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

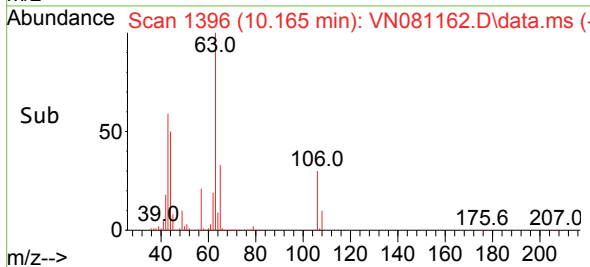
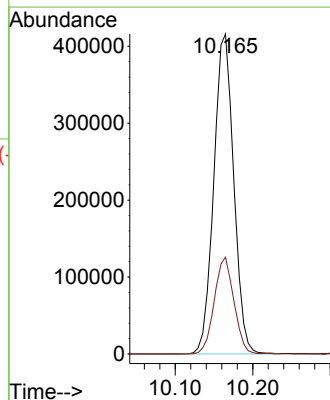
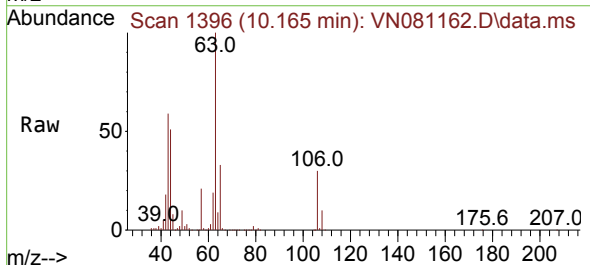
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

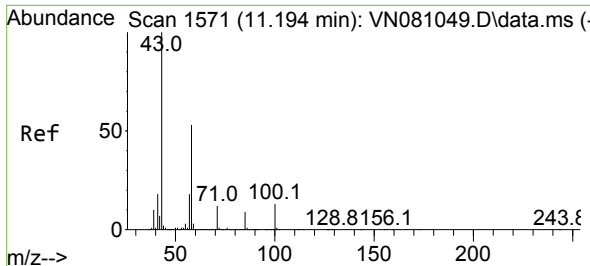
Tgt Ion: 76 Resp: 383817
Ion Ratio Lower Upper
76 100
78 31.4 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 252.921 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 63 Resp: 743212
Ion Ratio Lower Upper
63 100
106 29.8 18.6 28.0#

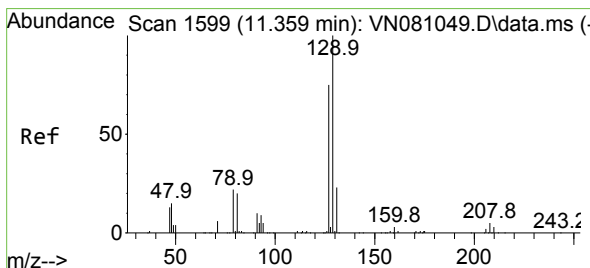
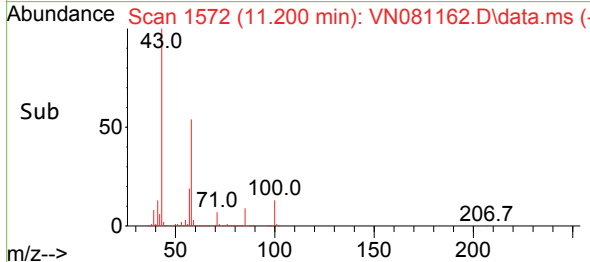
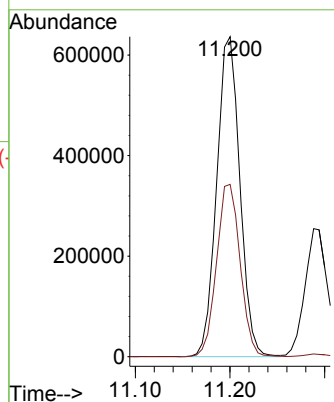
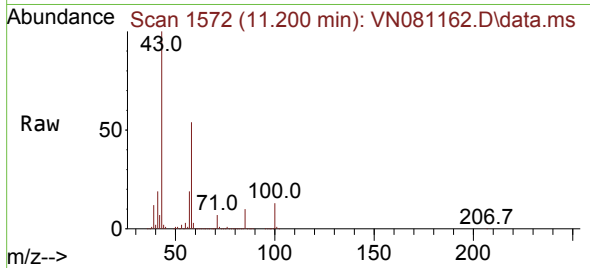




#59
2-Hexanone
Concen: 276.135 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

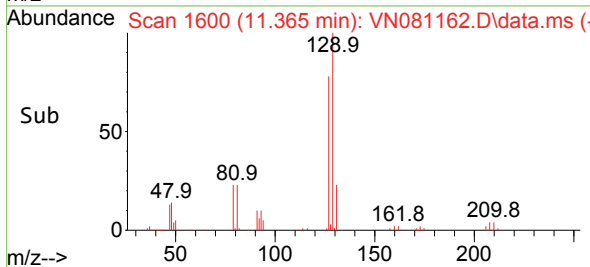
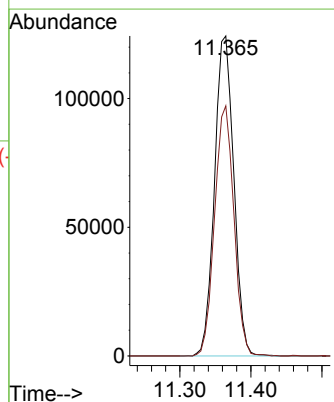
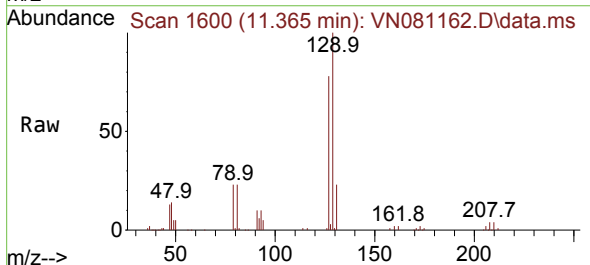
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

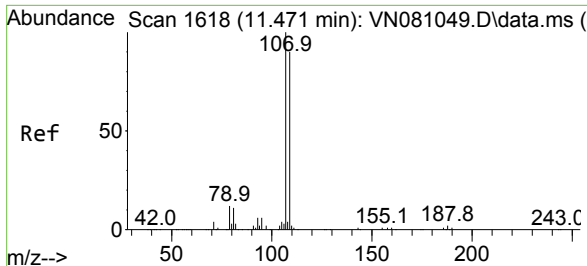
Tgt Ion: 43 Resp: 1080786
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8



#60
Dibromochloromethane
Concen: 57.459 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:129 Resp: 233909
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2

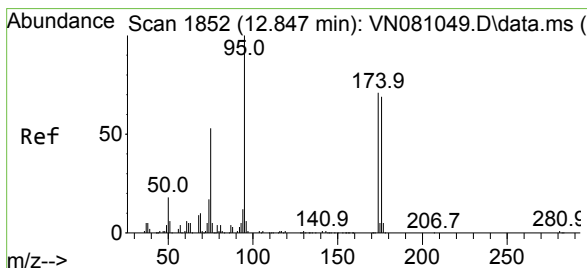
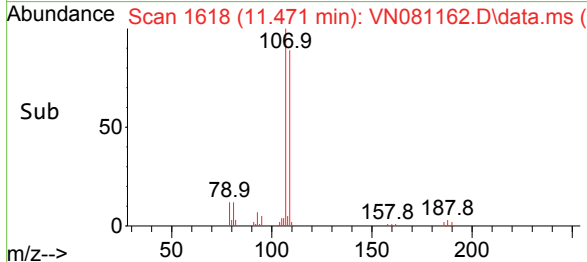
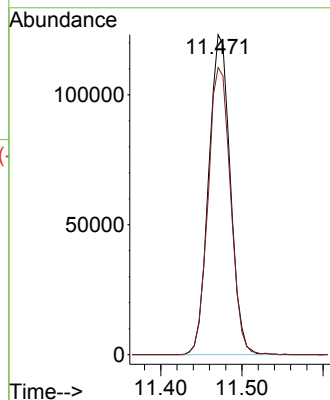
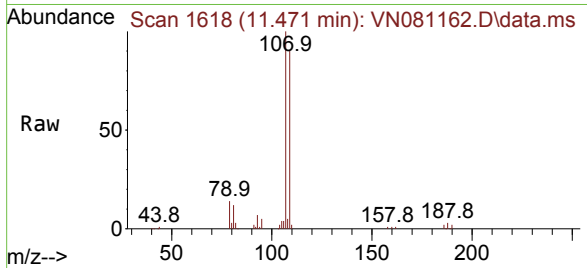




#61
1,2-Dibromoethane
Concen: 56.540 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

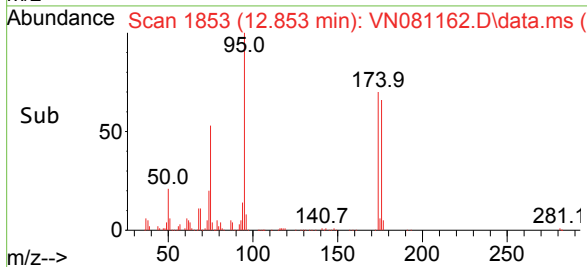
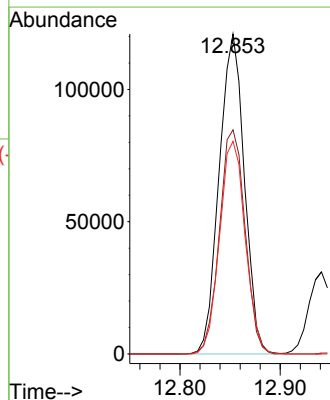
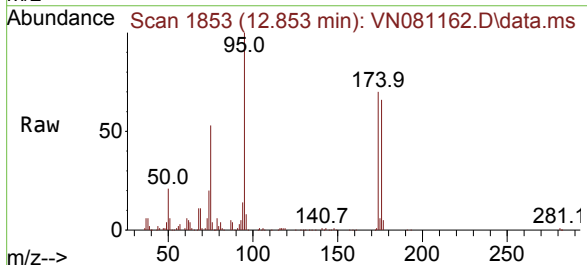
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

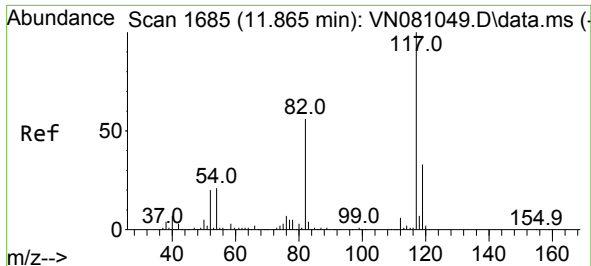
Tgt Ion:107 Resp: 227836
Ion Ratio Lower Upper
107 100
109 93.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.762 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 95 Resp: 210764
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 67.7 0.0 121.0

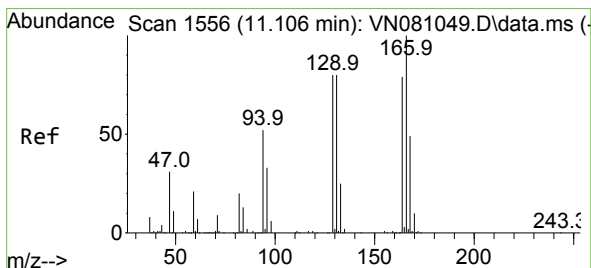
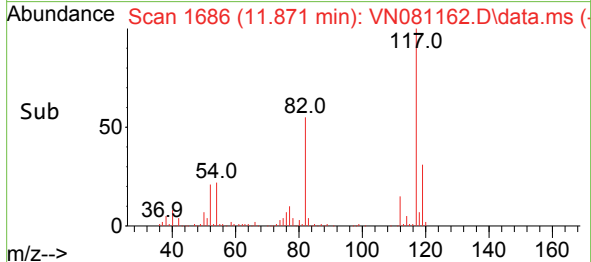
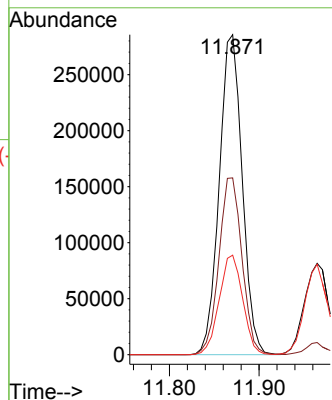
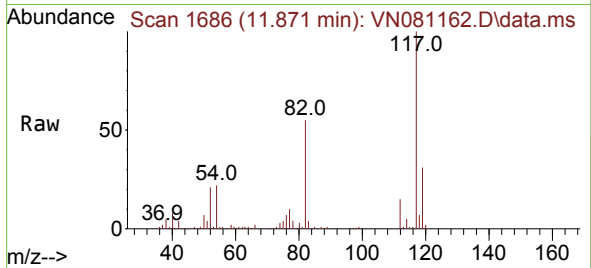




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

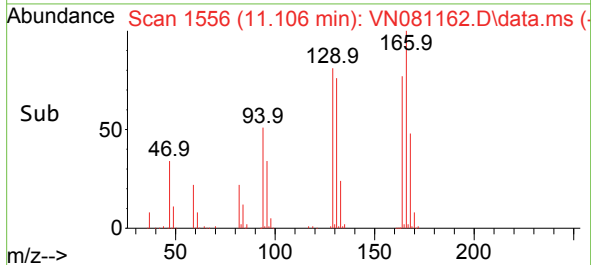
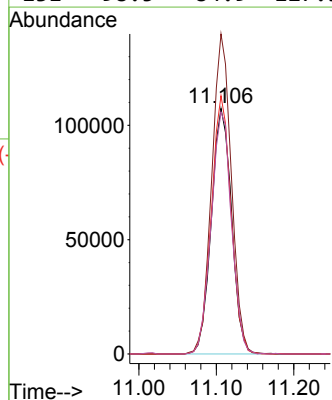
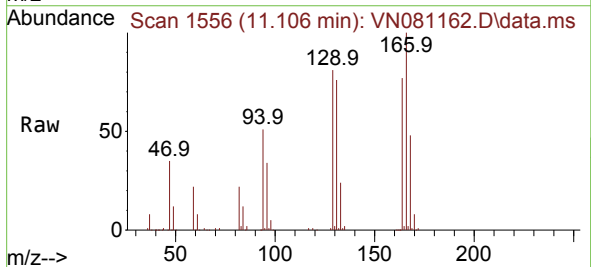
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

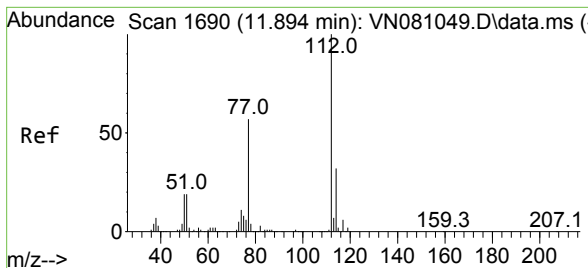
Tgt Ion:117 Resp: 507594
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 56.021 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:164 Resp: 194076
Ion Ratio Lower Upper
164 100
166 130.3 105.8 158.6
129 105.1 89.6 134.4
131 98.5 84.9 127.3

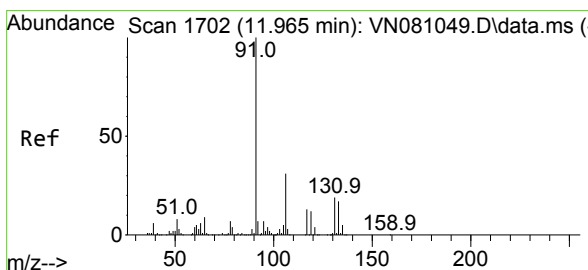
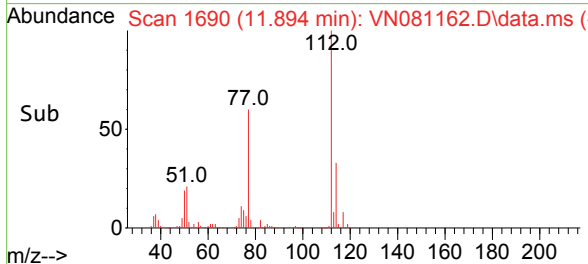
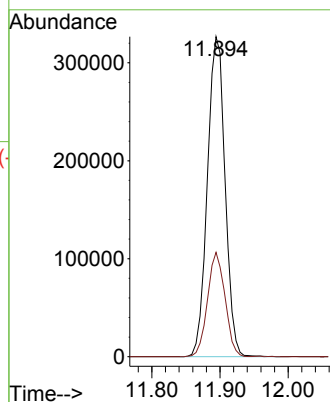
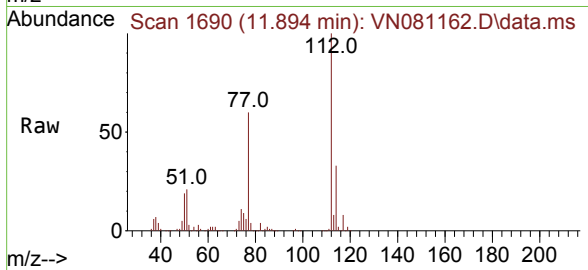




#65
Chlorobenzene
Concen: 53.648 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

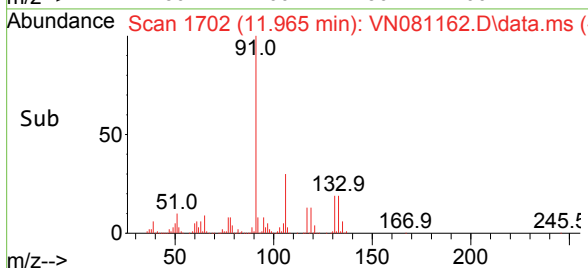
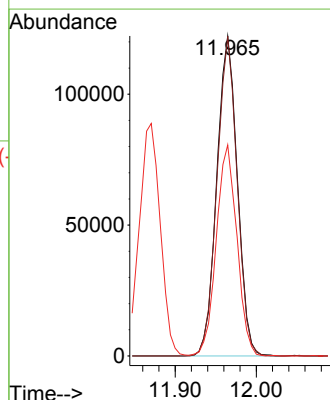
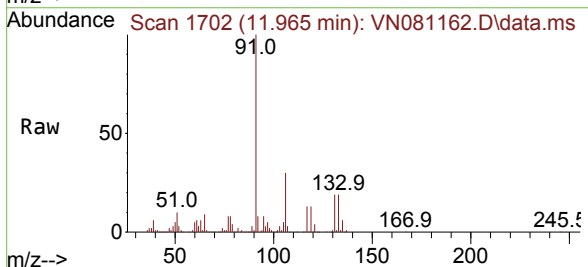
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

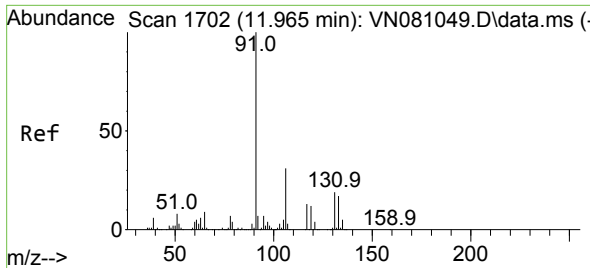
Tgt Ion:112 Resp: 589370
Ion Ratio Lower Upper
112 100
114 32.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.630 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:131 Resp: 215561
Ion Ratio Lower Upper
131 100
133 97.8 46.8 140.3
119 66.1 34.6 103.9

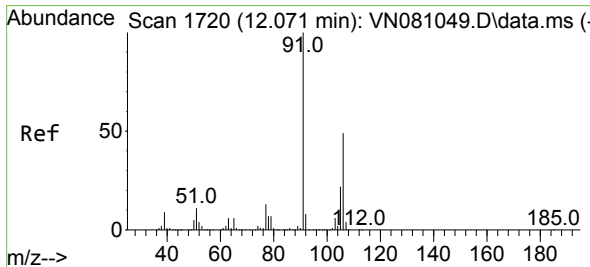
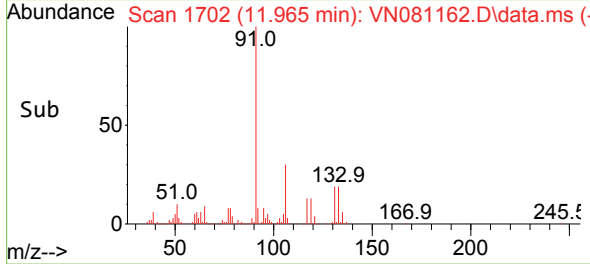
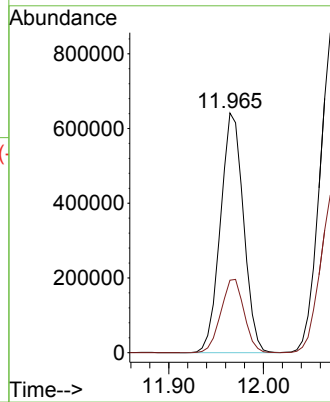
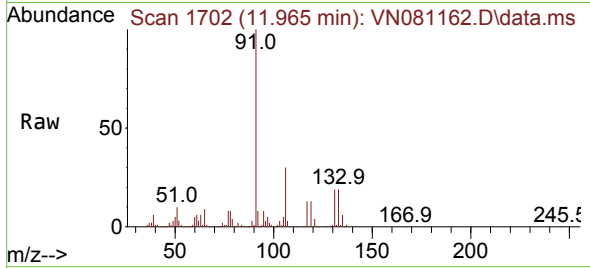




#67
Ethyl Benzene
Concen: 55.294 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

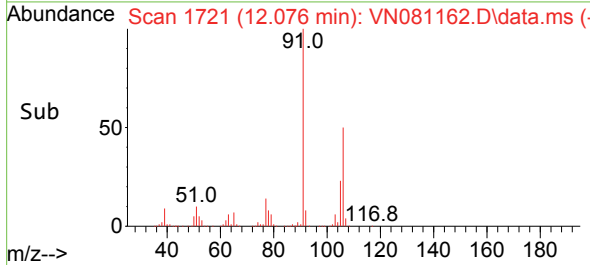
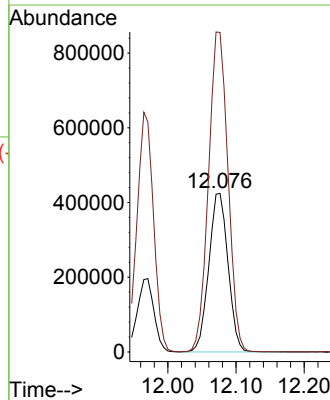
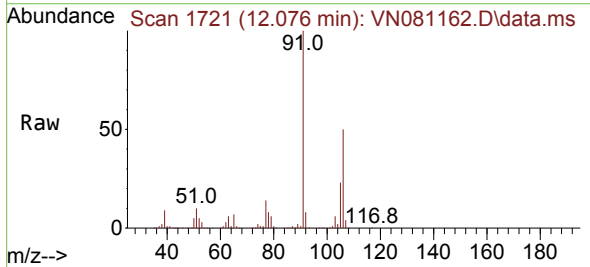
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

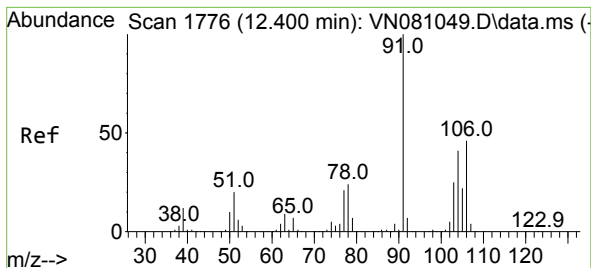
Tgt Ion: 91 Resp: 1086979
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 110.641 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:106 Resp: 833684
Ion Ratio Lower Upper
106 100
91 204.0 169.0 253.6





#69

o-Xylene

Concen: 54.958 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

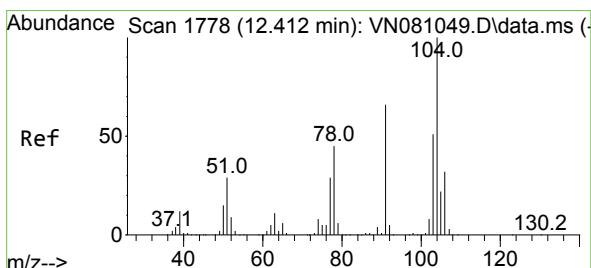
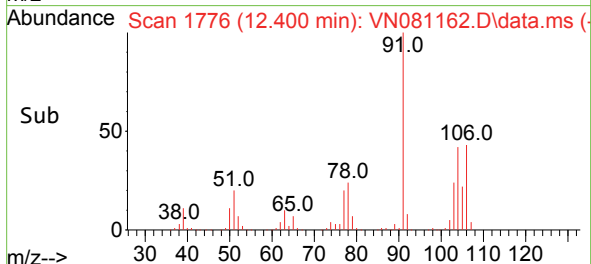
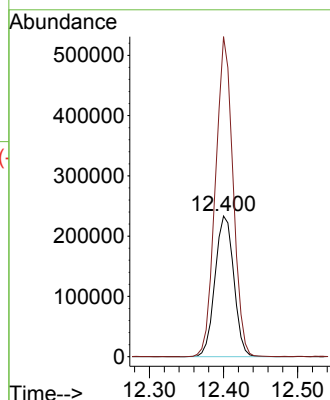
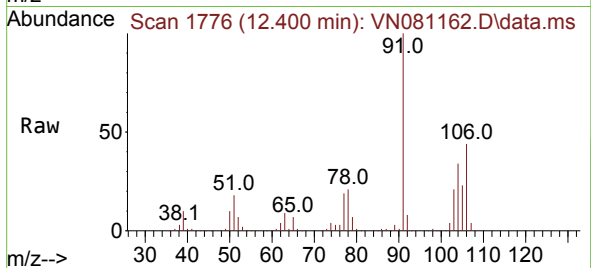
VSTDCCC050

Tgt Ion:106 Resp: 410484

Ion Ratio Lower Upper

106 100

91 213.4 112.1 336.3



#70

Styrene

Concen: 57.214 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

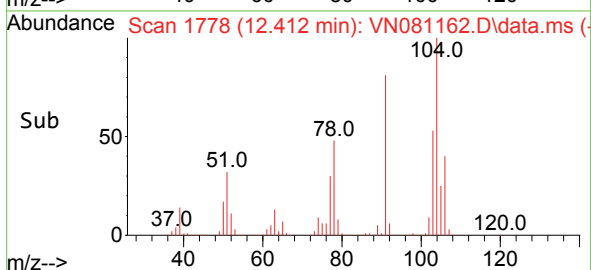
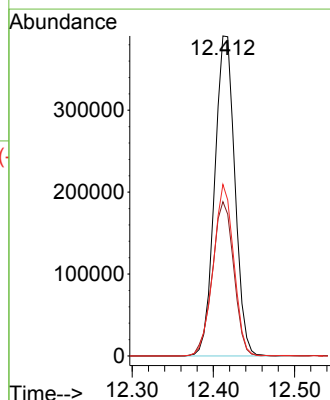
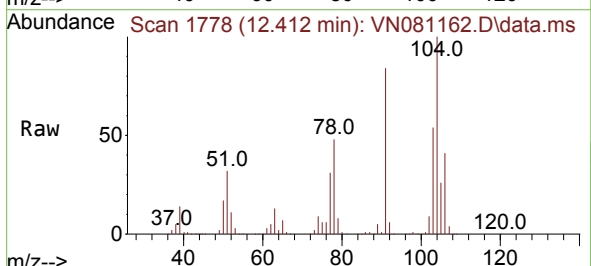
Tgt Ion:104 Resp: 677171

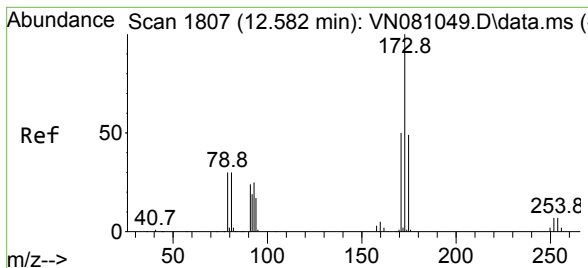
Ion Ratio Lower Upper

104 100

78 51.0 43.8 65.8

103 54.3 44.2 66.2





#71

Bromoform

Concen: 60.282 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

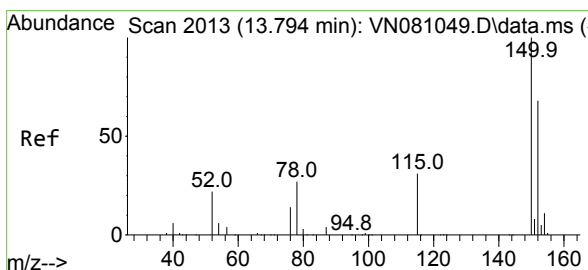
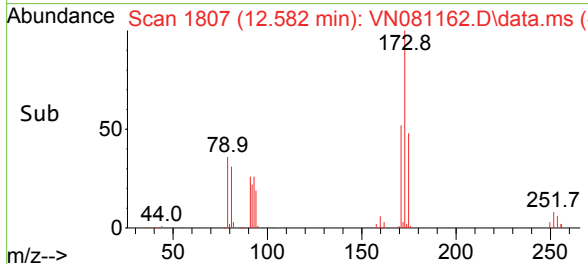
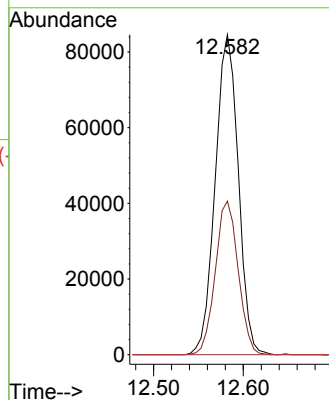
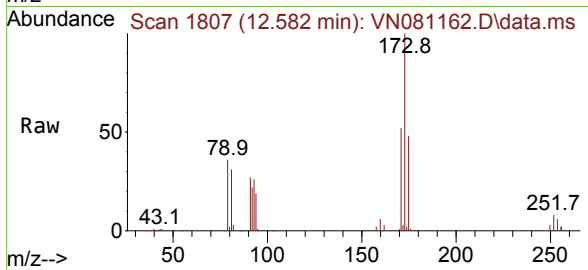
Tgt Ion:173 Resp: 150911

Ion Ratio Lower Upper

173 100

175 47.6 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: VN081162.D

Acq: 23 Feb 2024 16:22

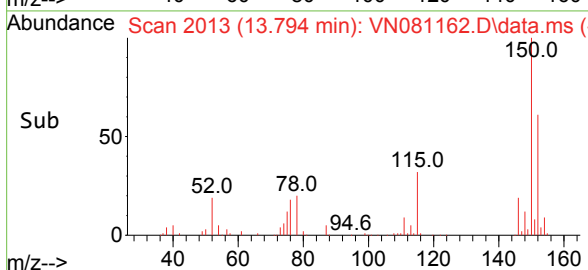
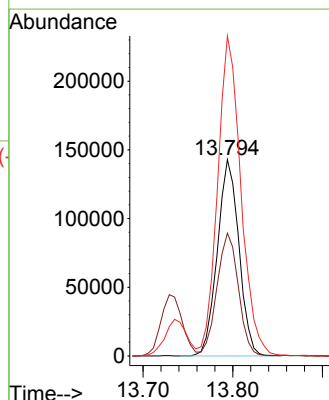
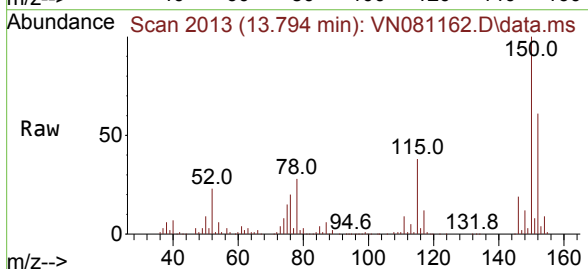
Tgt Ion:152 Resp: 238800

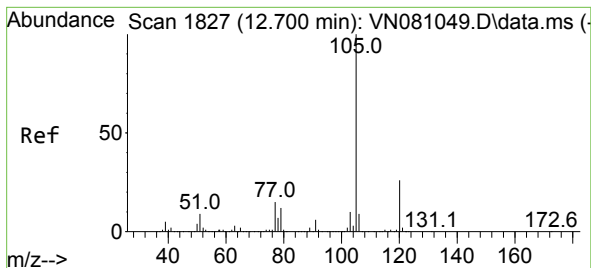
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 176.1 0.0 339.8





#73

Isopropylbenzene

Concen: 51.441 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

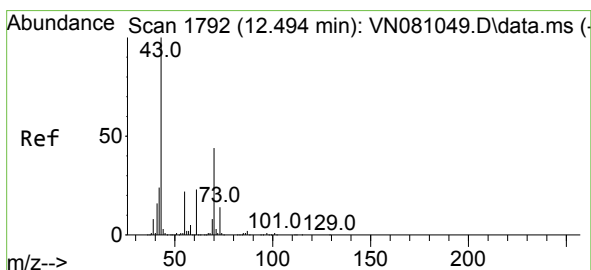
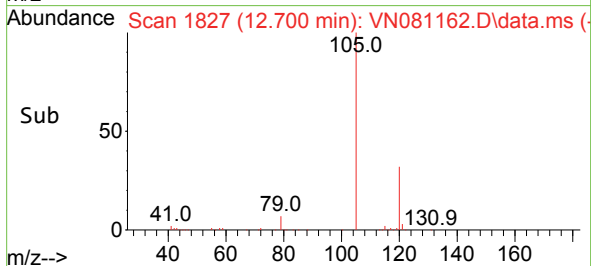
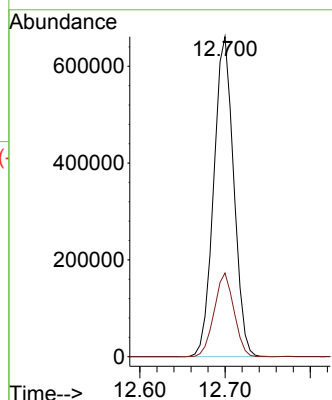
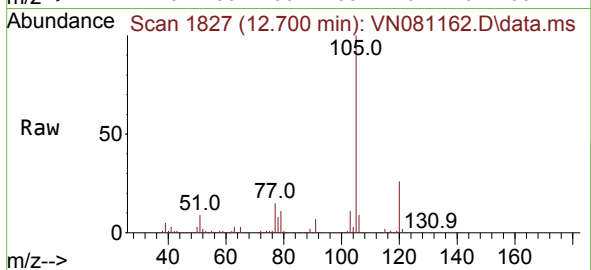
VSTDCCC050

Tgt Ion:105 Resp: 1074774

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.6



#74

N-ethyl acetate

Concen: 49.332 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Tgt Ion: 43 Resp: 435619

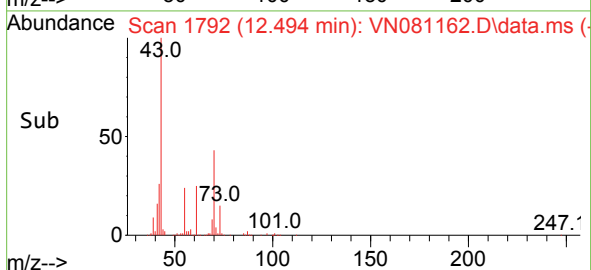
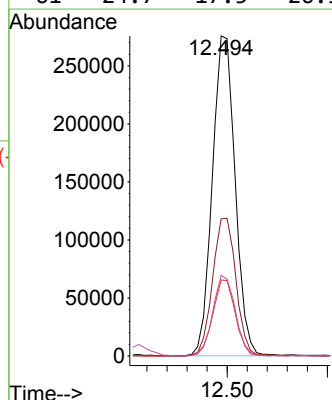
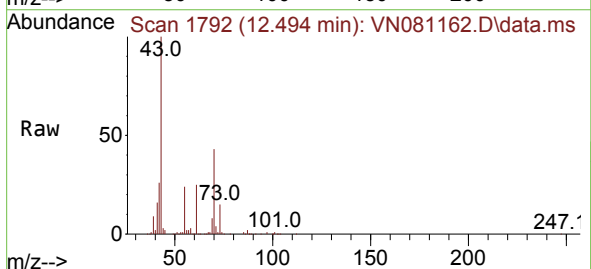
Ion Ratio Lower Upper

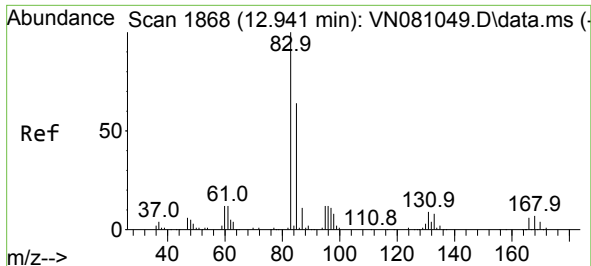
43 100

70 44.3 30.1 45.1

55 24.0 17.0 25.4

61 24.7 17.5 26.3

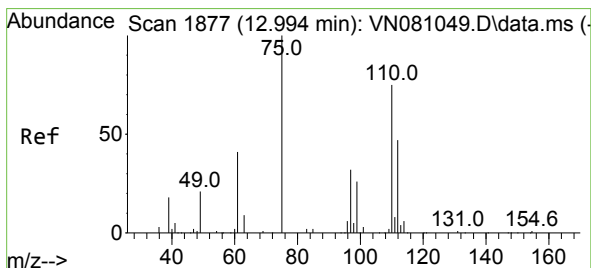
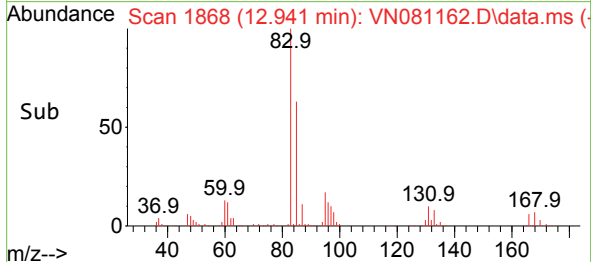
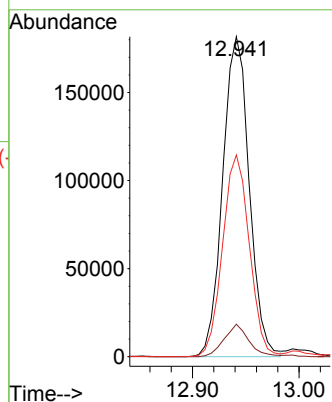
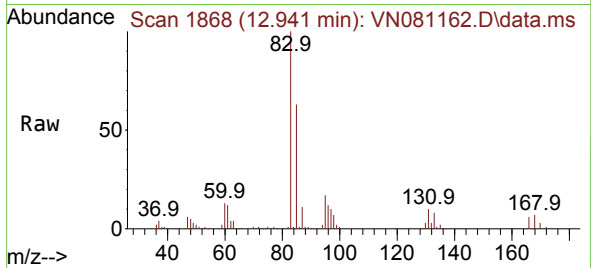




#75
1,1,2,2-Tetrachloroethane
Concen: 53.530 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

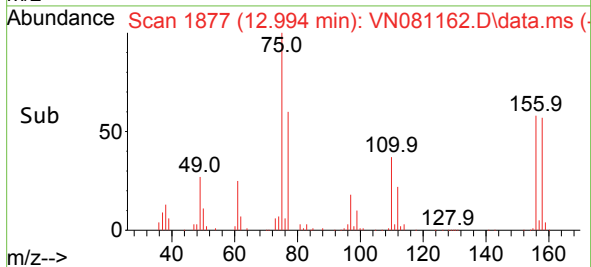
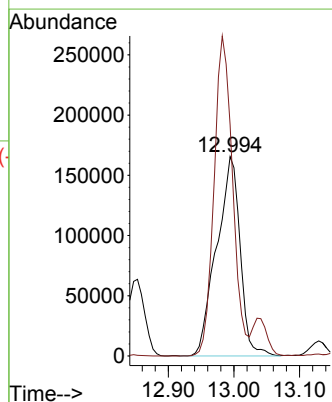
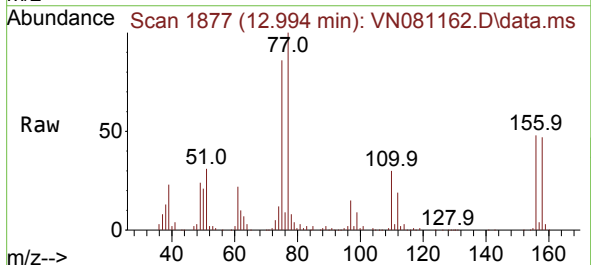
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

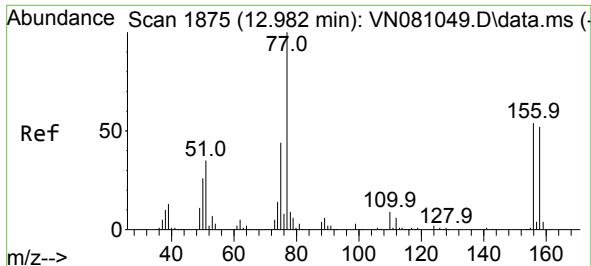
Tgt Ion: 83 Resp: 314491
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 63.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 75.999 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 75 Resp: 412346
Ion Ratio Lower Upper
75 100
77 126.9 91.0 272.8

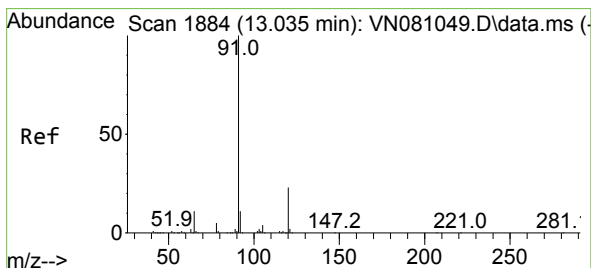
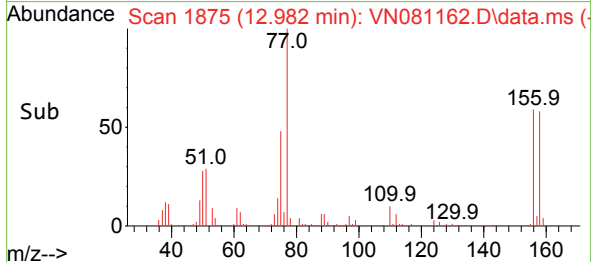
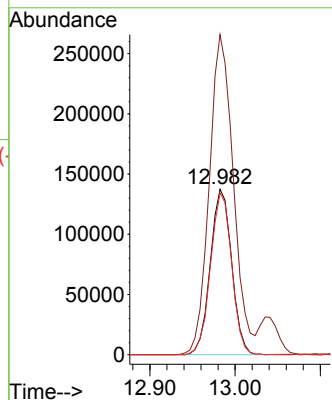
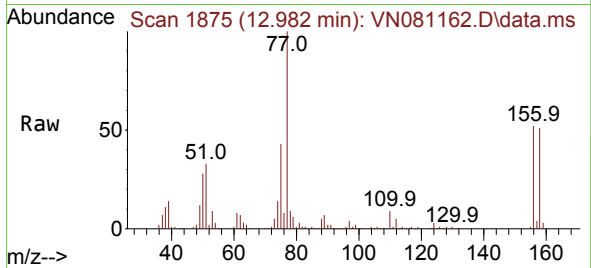




#77
Bromobenzene
Concen: 51.208 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

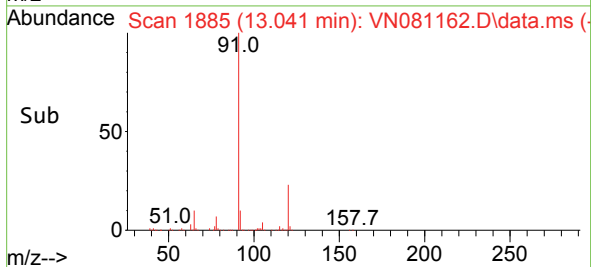
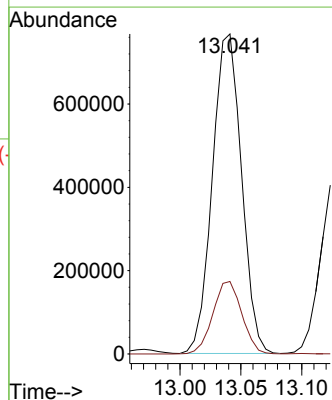
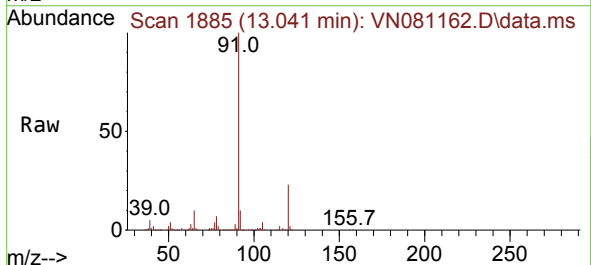
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

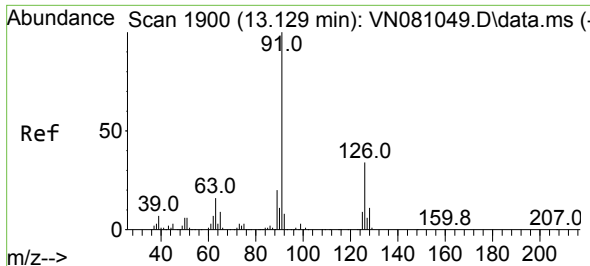
Tgt Ion:156 Resp: 238561
Ion Ratio Lower Upper
156 100
77 219.3 138.1 414.3
158 96.8 46.5 139.5



#78
n-propylbenzene
Concen: 53.104 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 91 Resp: 1277279
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9

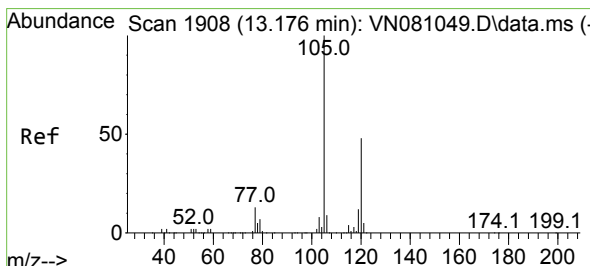
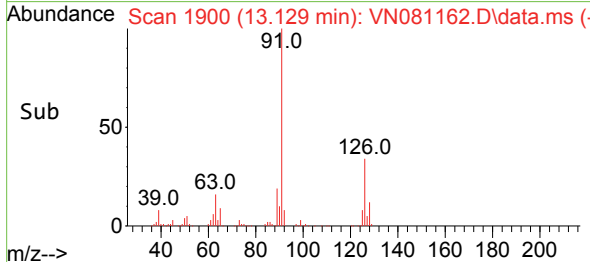
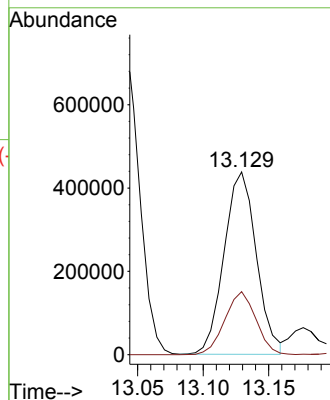
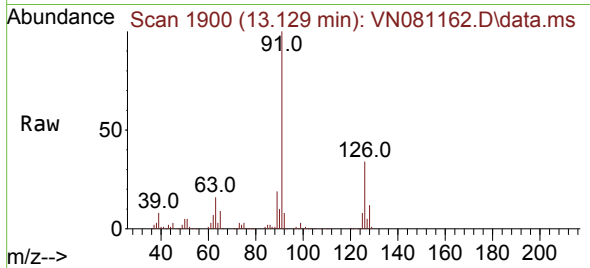




#79
2-Chlorotoluene
Concen: 50.827 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

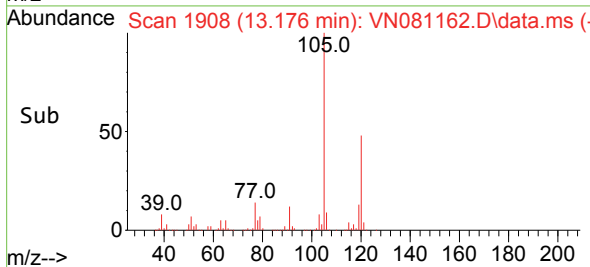
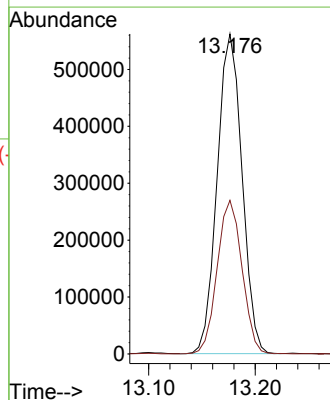
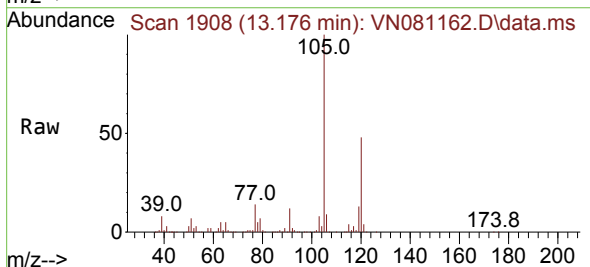
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

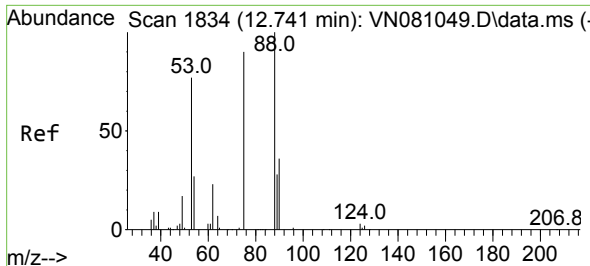
Tgt Ion: 91 Resp: 749849
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 53.781 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 105 Resp: 911063
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

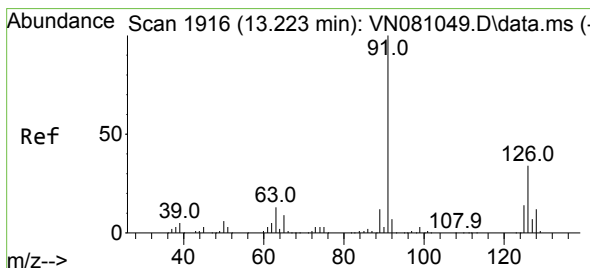
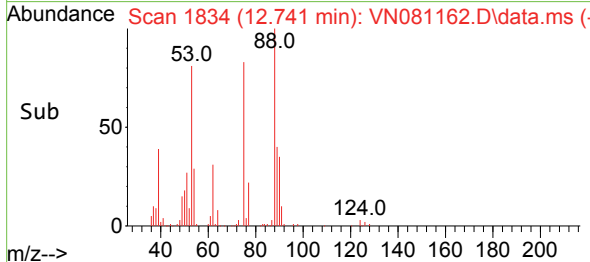
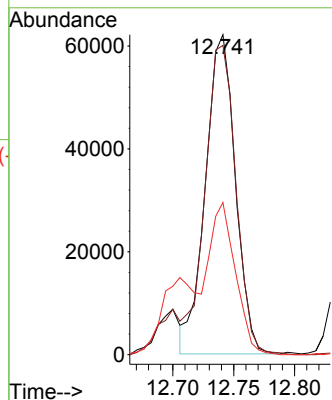
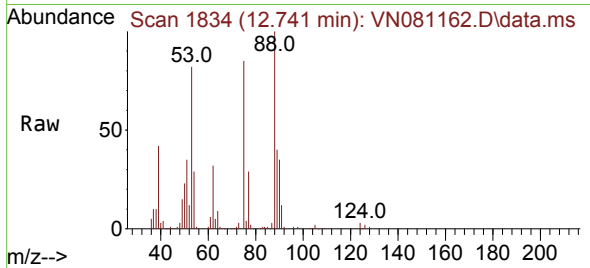




#81
trans-1,4-Dichloro-2-butene
Concen: 50.364 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

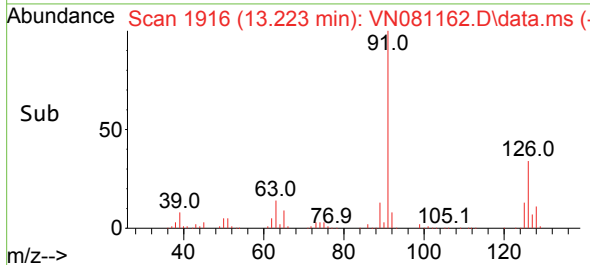
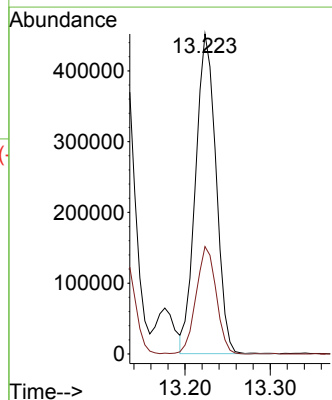
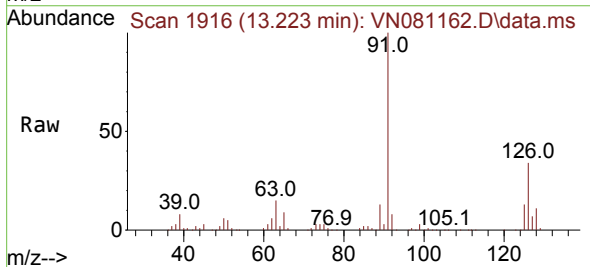
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

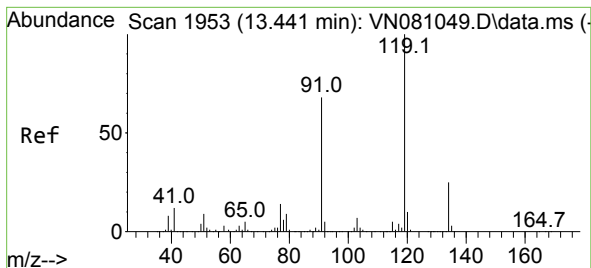
Tgt Ion: 75 Resp: 106164
Ion Ratio Lower Upper
75 100
53 100.8 71.4 107.2
89 41.0 33.4 50.0



#82
4-Chlorotoluene
Concen: 52.080 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 91 Resp: 751260
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9

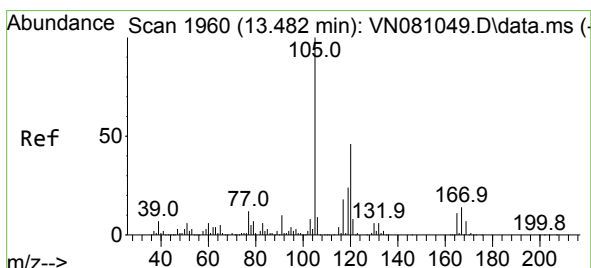
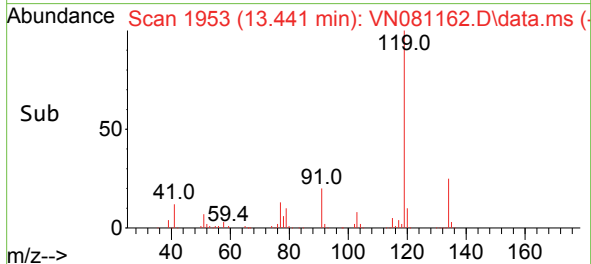
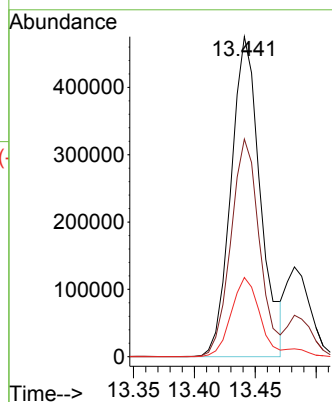
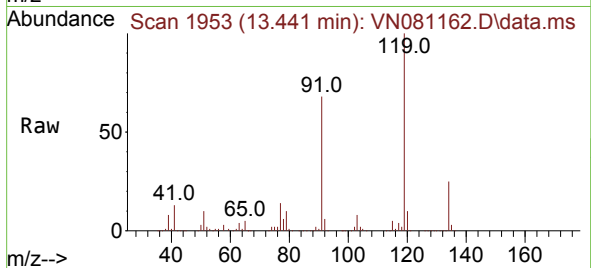




#83
tert-Butylbenzene
Concen: 54.442 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

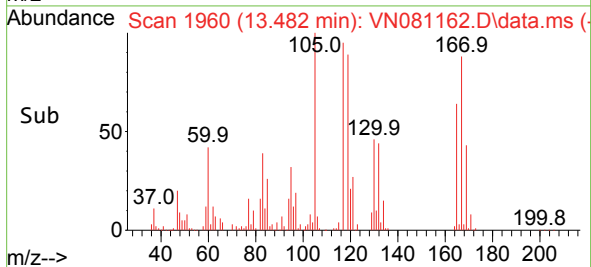
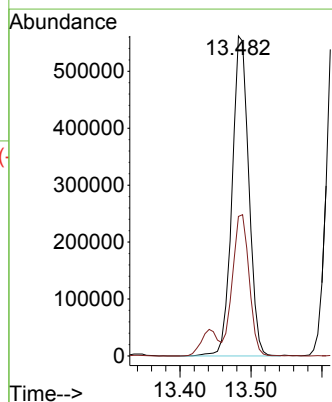
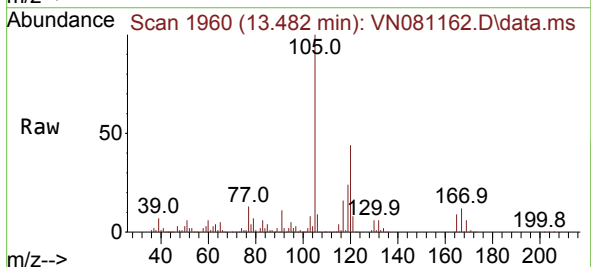
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

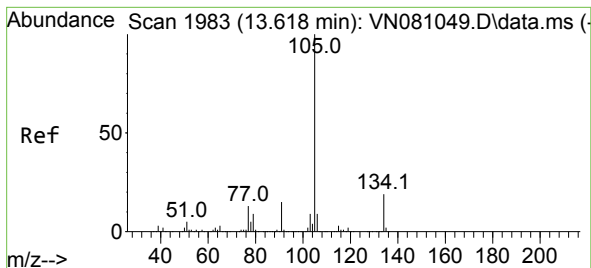
Tgt Ion:119 Resp: 797460
Ion Ratio Lower Upper
119 100
91 66.4 36.8 110.4
134 25.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 54.520 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion:105 Resp: 920336
Ion Ratio Lower Upper
105 100
120 44.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 55.847 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

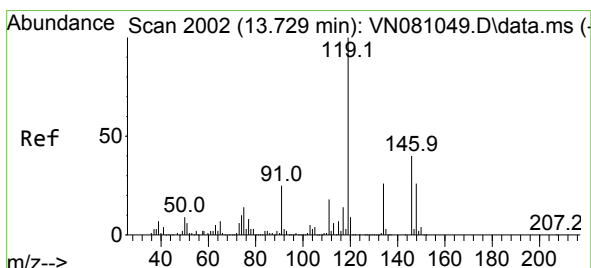
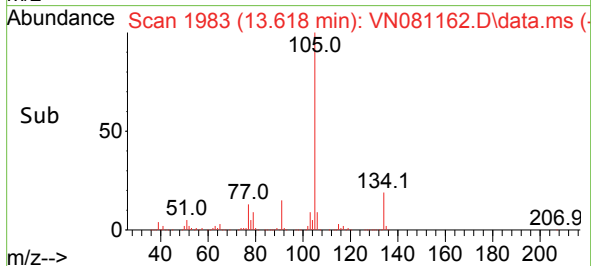
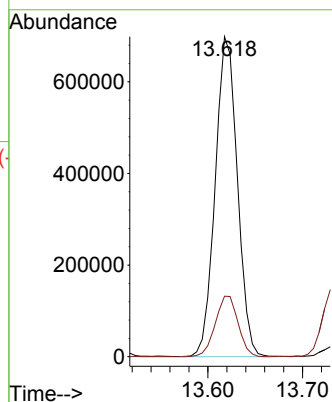
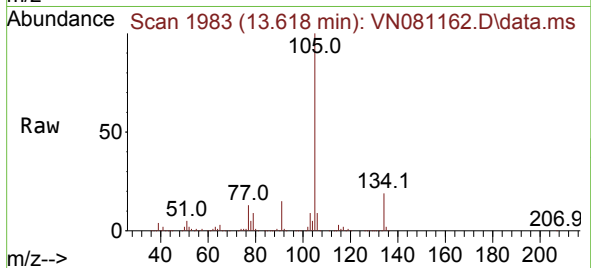
VSTDCCC050

Tgt Ion:105 Resp: 1137251

Ion Ratio Lower Upper

105 100

134 19.4 8.6 25.8



#86

p-Isopropyltoluene

Concen: 56.051 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

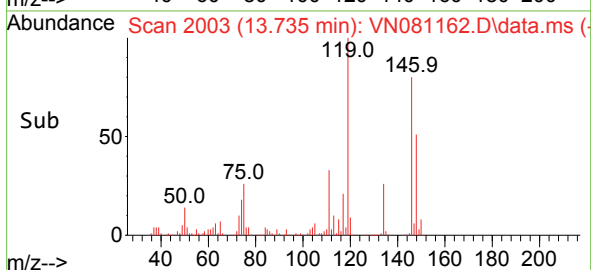
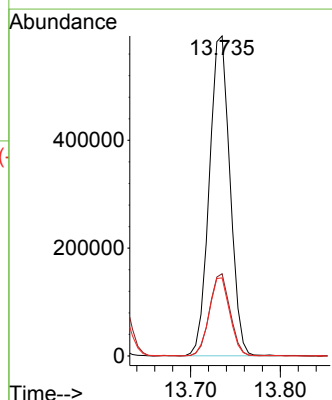
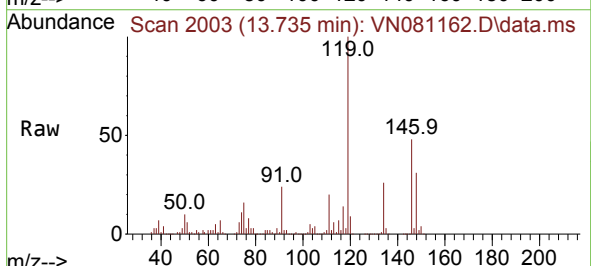
Tgt Ion:119 Resp: 948054

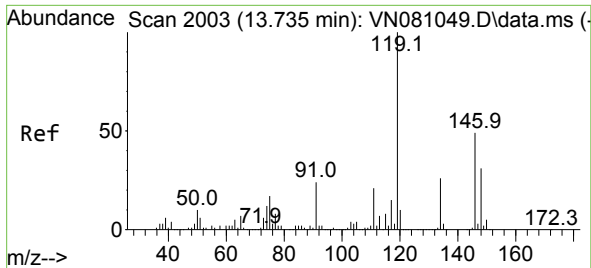
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.2

91 24.3 13.5 40.4

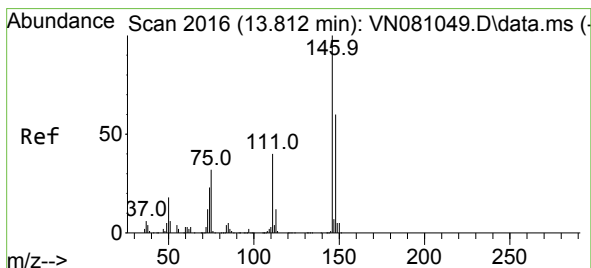
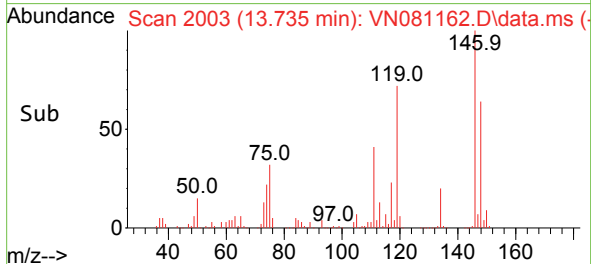
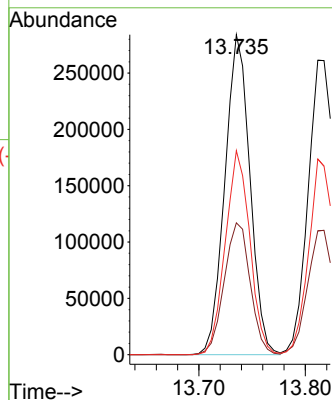
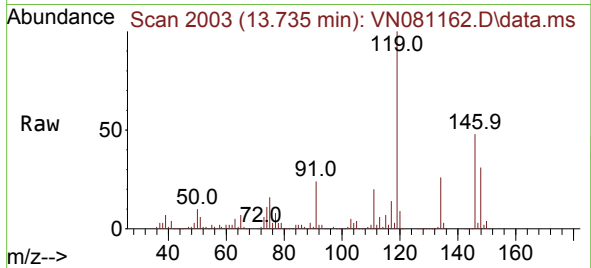




#87
 1,3-Dichlorobenzene
 Concen: 52.839 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

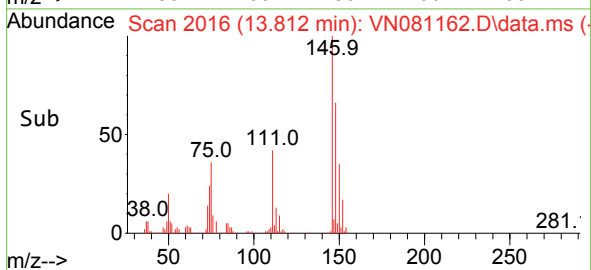
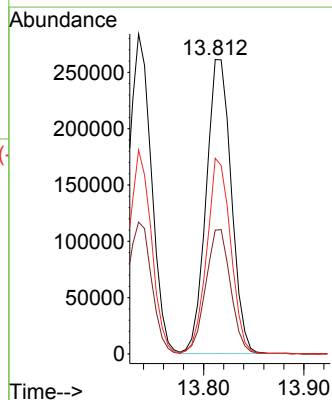
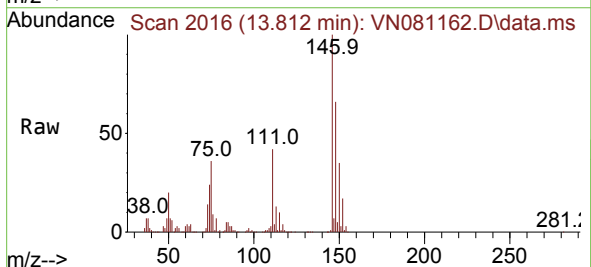
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

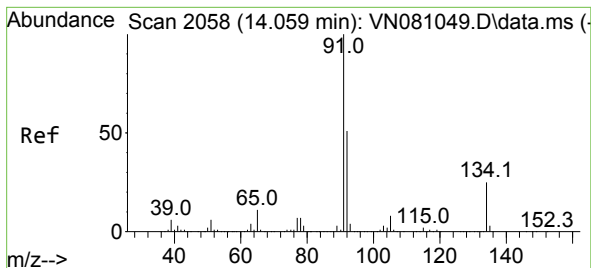
Tgt Ion:146 Resp: 465105
 Ion Ratio Lower Upper
 146 100
 111 42.7 23.9 71.7
 148 62.5 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 52.529 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081162.D
 Acq: 23 Feb 2024 16:22

Tgt Ion:146 Resp: 454334
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.6 67.7
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 56.899 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

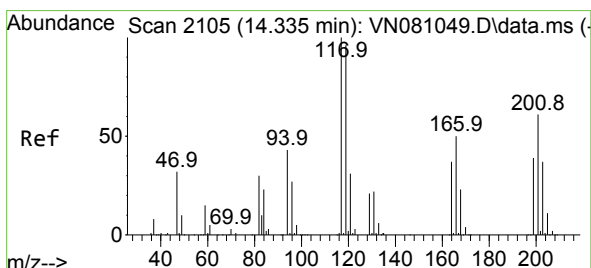
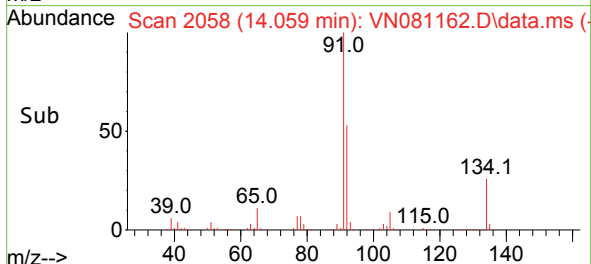
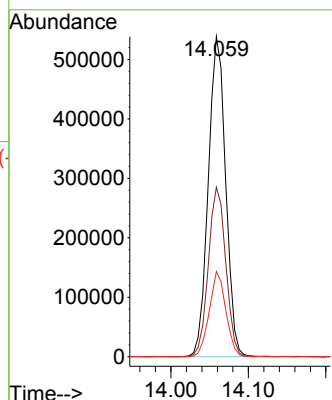
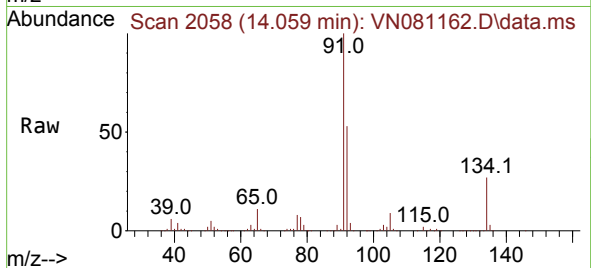
Tgt Ion: 91 Resp: 838443

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 25.4 10.8 32.4



#90

Hexachloroethane

Concen: 57.866 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081162.D

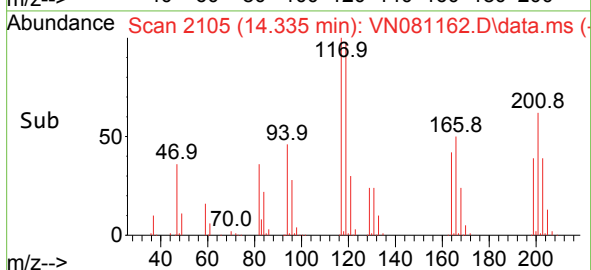
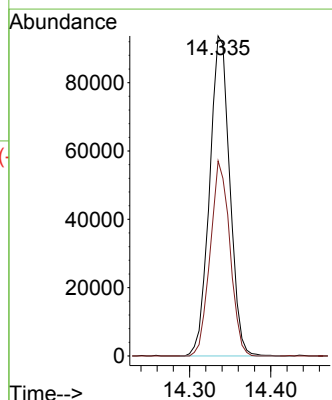
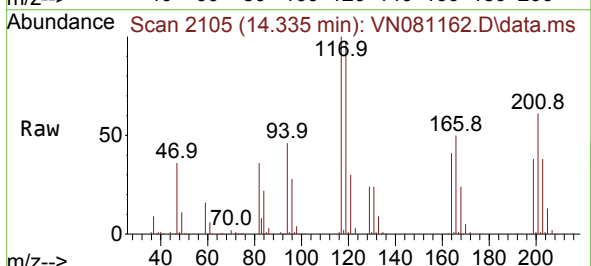
Acq: 23 Feb 2024 16:22

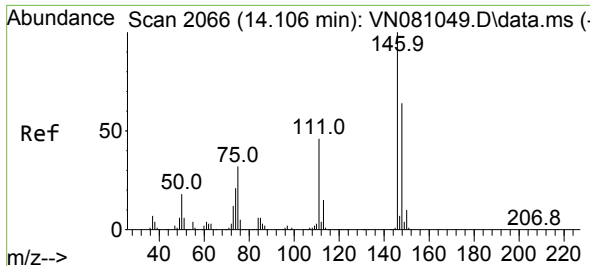
Tgt Ion: 117 Resp: 161784

Ion Ratio Lower Upper

117 100

201 59.2 30.0 90.0

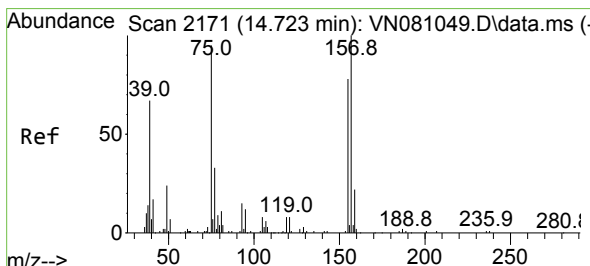
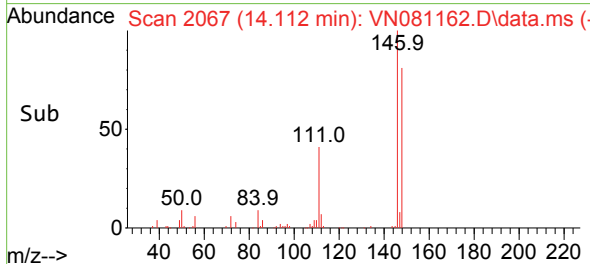
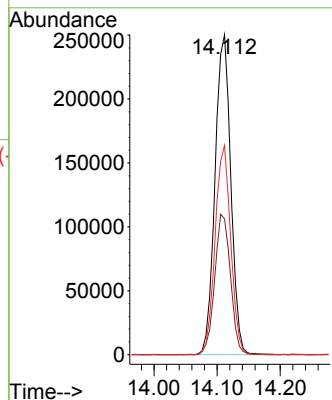
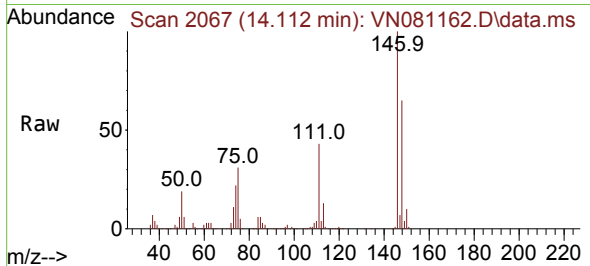




#91
1,2-Dichlorobenzene
Concen: 51.227 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

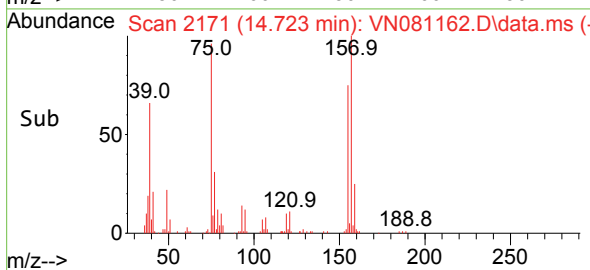
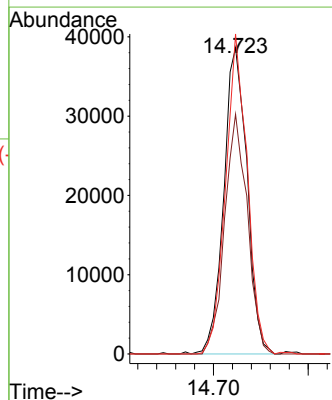
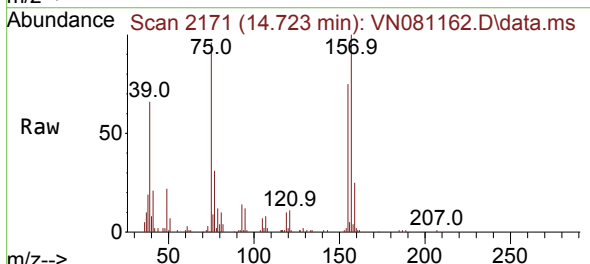
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

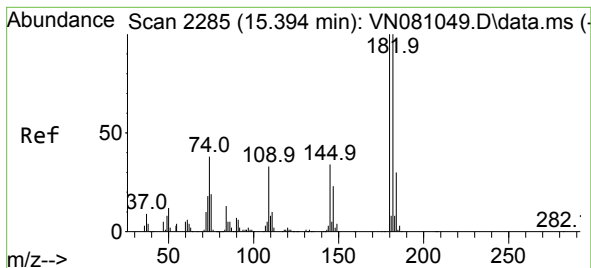
Tgt Ion:146 Resp: 434895
Ion Ratio Lower Upper
146 100
111 43.9 23.9 71.8
148 64.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.051 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081162.D
Acq: 23 Feb 2024 16:22

Tgt Ion: 75 Resp: 66022
Ion Ratio Lower Upper
75 100
155 76.6 31.8 95.4
157 97.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 53.144 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

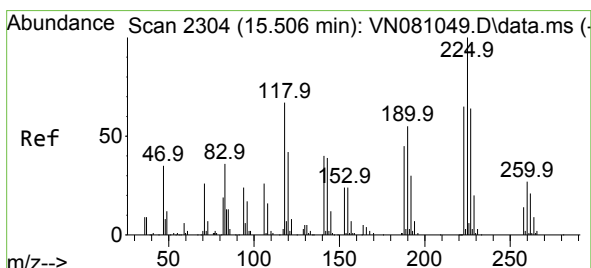
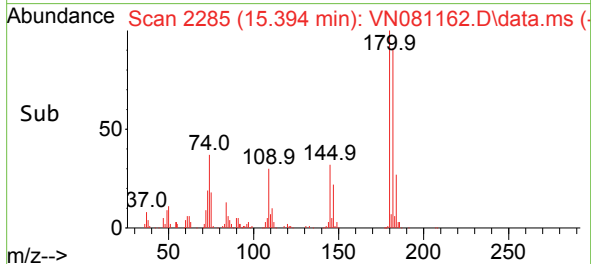
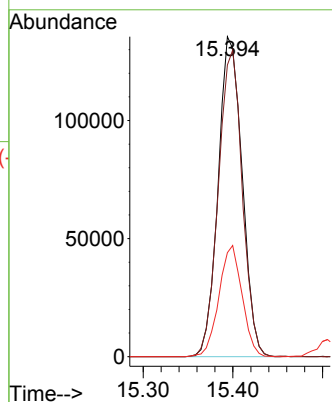
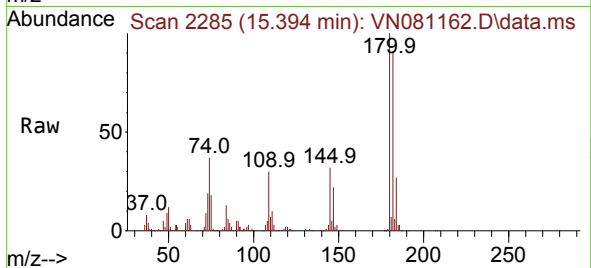
Tgt Ion:180 Resp: 251708

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

145 33.5 16.8 50.3



#94

Hexachlorobutadiene

Concen: 51.065 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

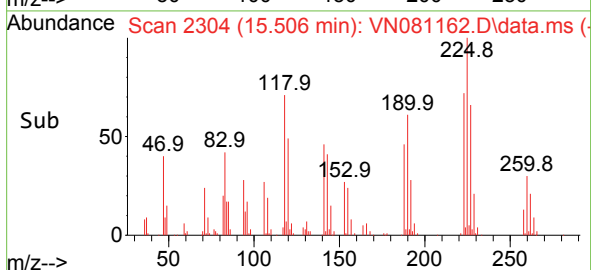
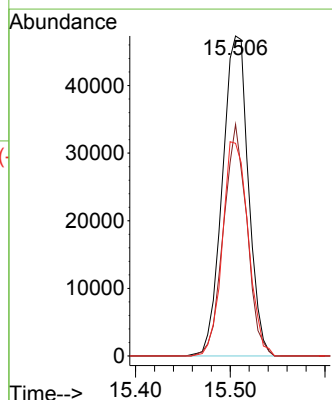
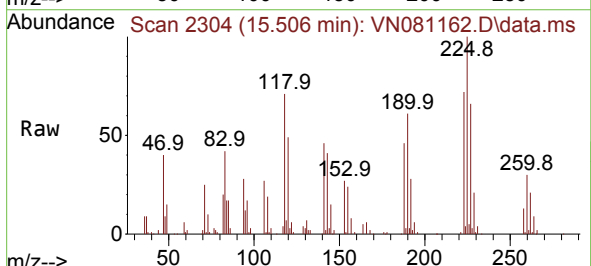
Tgt Ion:225 Resp: 90201

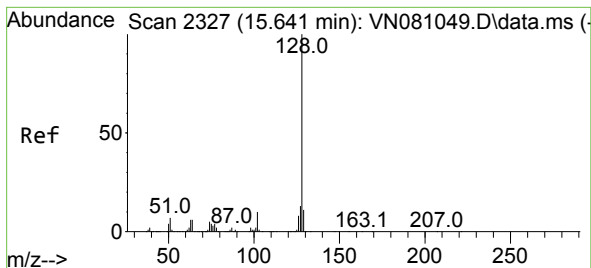
Ion Ratio Lower Upper

225 100

223 65.4 33.3 99.8

227 66.3 33.1 99.2





#95

Naphthalene

Concen: 52.196 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

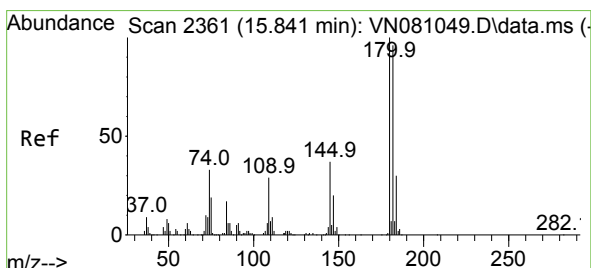
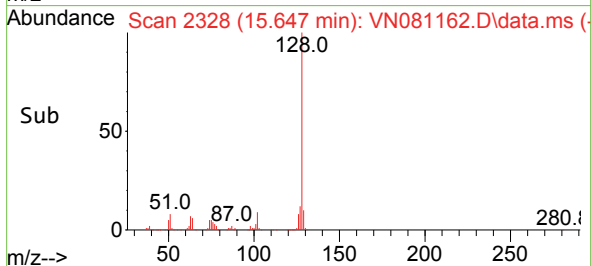
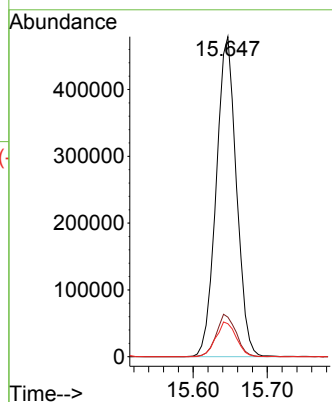
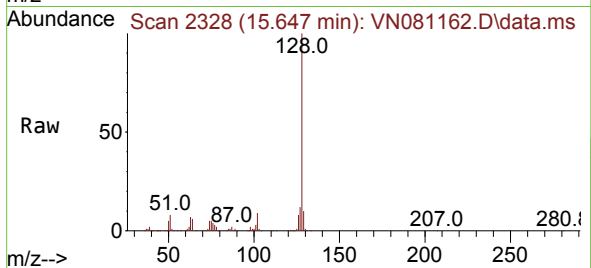
Tgt Ion:128 Resp: 905934

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.002 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081162.D

Acq: 23 Feb 2024 16:22

Tgt Ion:180 Resp: 244334

Ion Ratio Lower Upper

180 100

182 95.8 46.5 139.3

145 36.9 17.8 53.4

