

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031324\
 Data File : VN081386.D
 Acq On : 13 Mar 2024 10:48
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 14 01:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	315024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	568991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	493562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245743	53.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.900%	
35) Dibromofluoromethane	8.171	113	190286	54.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.180%	
50) Toluene-d8	10.565	98	677428	51.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.853	95	235277	51.082	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	220021	52.687	ug/l	100
3) Chloromethane	2.359	50	199185	44.157	ug/l	99
4) Vinyl Chloride	2.518	62	221250	47.018	ug/l	96
5) Bromomethane	2.959	94	134898	42.922	ug/l	98
6) Chloroethane	3.118	64	144976	44.856	ug/l	97
7) Trichlorofluoromethane	3.501	101	345152	49.581	ug/l	94
8) Diethyl Ether	3.959	74	128093	52.228	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	193197	48.735	ug/l	92
10) Methyl Iodide	4.589	142	202069	55.702	ug/l	94
11) Tert butyl alcohol	5.530	59	191216	240.083	ug/l	100
12) 1,1-Dichloroethene	4.342	96	177639	48.387	ug/l	92
13) Acrolein	4.177	56	190125	201.595	ug/l	97
14) Allyl chloride	5.018	41	294279	54.013	ug/l	94
15) Acrylonitrile	5.718	53	494202	237.518	ug/l	97
16) Acetone	4.424	43	332503	206.034	ug/l	100
17) Carbon Disulfide	4.712	76	461057	44.002	ug/l	98
18) Methyl Acetate	5.018	43	260075	56.287	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	645537	51.845	ug/l	98
20) Methylene Chloride	5.277	84	203990	51.180	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	195567	47.249	ug/l	92
22) Diisopropyl ether	6.671	45	661670	54.678	ug/l #	97
23) Vinyl Acetate	6.600	43	2546001	258.980	ug/l	97
24) 1,1-Dichloroethane	6.571	63	378887	51.148	ug/l	97
25) 2-Butanone	7.483	43	619338	229.160	ug/l	92
26) 2,2-Dichloropropane	7.489	77	329849	50.381	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	231725	49.381	ug/l	91
28) Bromochloromethane	7.812	49	165314	52.155	ug/l #	71
29) Tetrahydrofuran	7.836	42	425696	230.988	ug/l	88
30) Chloroform	7.965	83	395251	51.417	ug/l	96
31) Cyclohexane	8.259	56	312715	45.347	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	349987	51.508	ug/l	93
36) 1,1-Dichloropropene	8.371	75	286290	50.905	ug/l	97
37) Ethyl Acetate	7.559	43	269086	48.946	ug/l	100
38) Carbon Tetrachloride	8.359	117	304880	53.864	ug/l	97
39) Methylcyclohexane	9.606	83	320974	49.591	ug/l	89
40) Benzene	8.606	78	834304	49.700	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	155528	50.095	ug/l	96
42) 1,2-Dichloroethane	8.671	62	315343	53.278	ug/l	100
43) Isopropyl Acetate	8.688	43	466633	48.494	ug/l	96
44) Trichloroethene	9.353	130	218381	51.580	ug/l	98
45) 1,2-Dichloropropane	9.624	63	216120	51.249	ug/l	99
46) Dibromomethane	9.712	93	155295	52.245	ug/l	93
47) Bromodichloromethane	9.888	83	318808	55.249	ug/l #	95
48) Methyl methacrylate	9.683	41	217936	51.238	ug/l	89
49) 1,4-Dioxane	9.700	88	72562	774.005	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	1408393	252.071	ug/l	97
52) Toluene	10.630	92	518977	51.178	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	336545	53.903	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	361309	53.607	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	210166	52.263	ug/l	93
56) Ethyl methacrylate	10.877	69	315694	54.672	ug/l	92
57) 1,3-Dichloropropane	11.165	76	364092	51.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	845873	272.327	ug/l #	90
59) 2-Hexanone	11.194	43	1034472	247.660	ug/l	98
60) Dibromochloromethane	11.359	129	227009	54.814	ug/l	96
61) 1,2-Dibromoethane	11.471	107	213506	51.170	ug/l	99
64) Tetrachloroethene	11.106	164	203525	52.664	ug/l	93
65) Chlorobenzene	11.894	112	536624	51.595	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	204287	53.677	ug/l	98
67) Ethyl Benzene	11.965	91	988652	52.770	ug/l	100
68) m/p-Xylenes	12.071	106	750568	106.451	ug/l	98
69) o-Xylene	12.400	106	357655	52.340	ug/l	98
70) Styrene	12.412	104	602334	55.623	ug/l	98
71) Bromoform	12.582	173	143393	54.270	ug/l #	98
73) Isopropylbenzene	12.694	105	955980	52.371	ug/l	99
74) N-amyl acetate	12.494	43	401878	52.470	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	266004	47.219	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	373439	69.940	ug/l	61
77) Bromobenzene	12.982	156	211856	48.950	ug/l	78
78) n-propylbenzene	13.035	91	1152976	53.402	ug/l	98
79) 2-Chlorotoluene	13.129	91	665798	50.450	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	805208	53.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	98905	51.696	ug/l	90
82) 4-Chlorotoluene	13.223	91	669591	51.368	ug/l	95
83) tert-Butylbenzene	13.441	119	668127	51.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	814438	53.273	ug/l	98
85) sec-Butylbenzene	13.618	105	976889	52.198	ug/l	95
86) p-Isopropyltoluene	13.729	119	824360	54.926	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	399369	48.869	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	397455	48.658	ug/l	99
89) n-Butylbenzene	14.059	91	732644	53.230	ug/l	97
90) Hexachloroethane	14.335	117	139333	53.026	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	385986	49.227	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60918	50.533	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	229110	54.665	ug/l	99
94) Hexachlorobutadiene	15.506	225	82703	47.755	ug/l	99
95) Naphthalene	15.641	128	809917	54.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	234677	55.214	ug/l	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

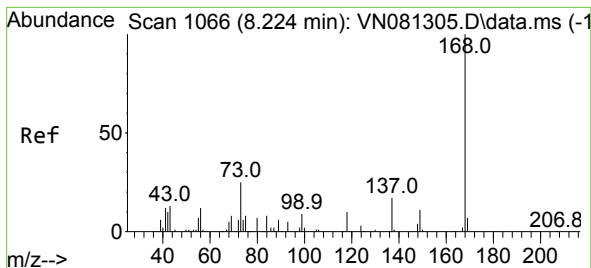
Quant Time: Mar 14 01:03:12 2024
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

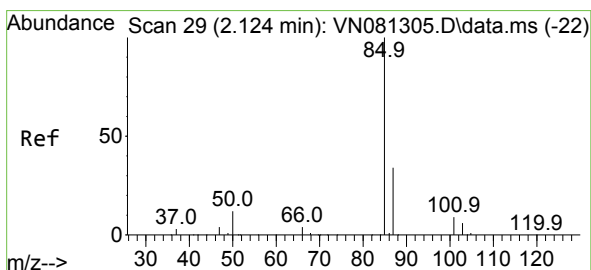
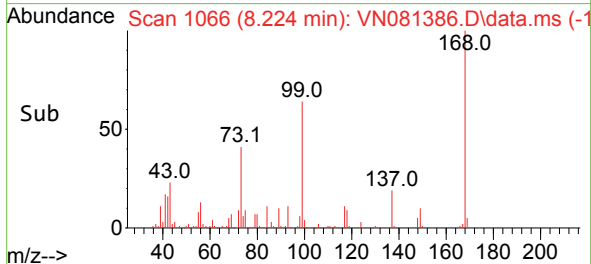
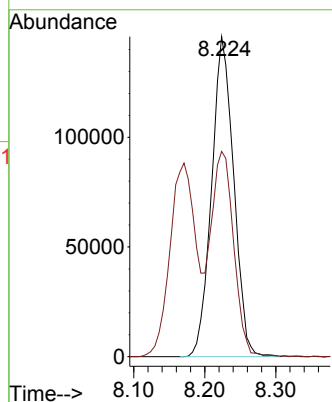
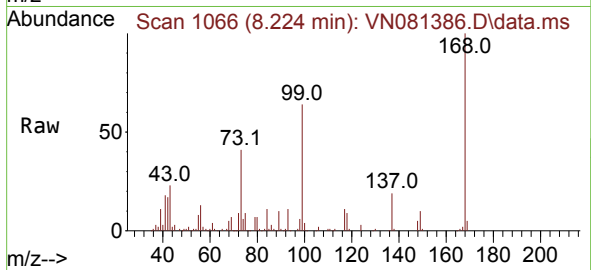
VSTDCCC050

Tgt Ion:168 Resp: 315024

Ion Ratio Lower Upper

168 100

99 63.9 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 52.687 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081386.D

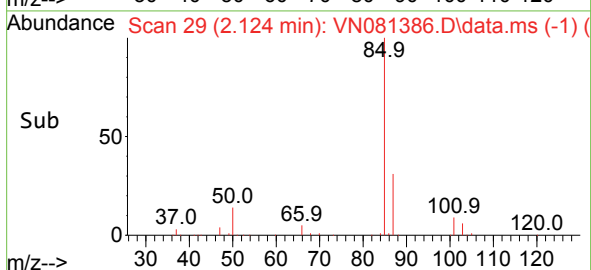
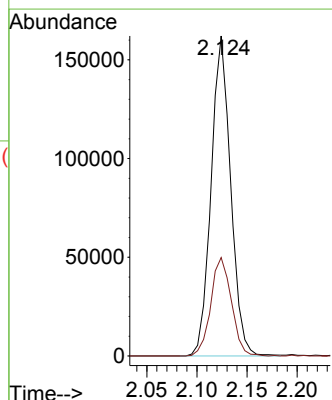
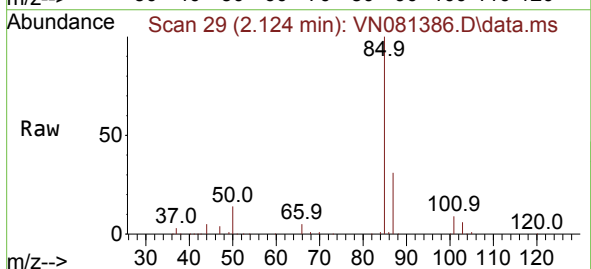
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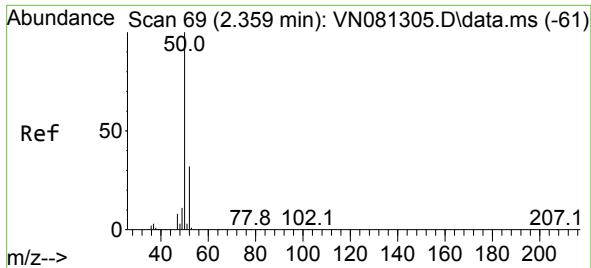
Tgt Ion: 85 Resp: 220021

Ion Ratio Lower Upper

85 100

87 30.7 15.3 45.9

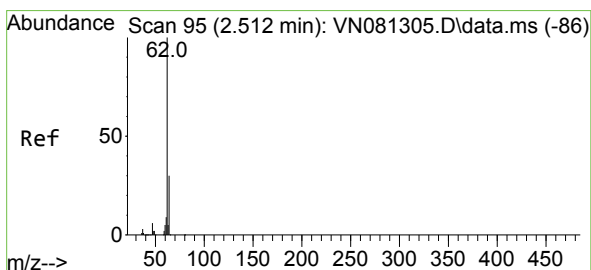
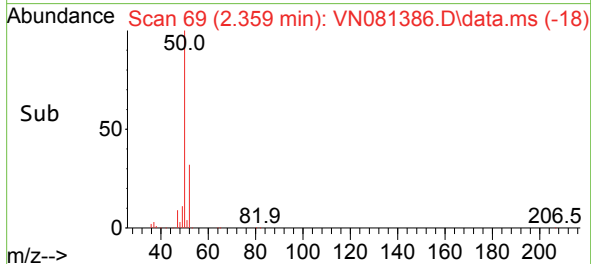
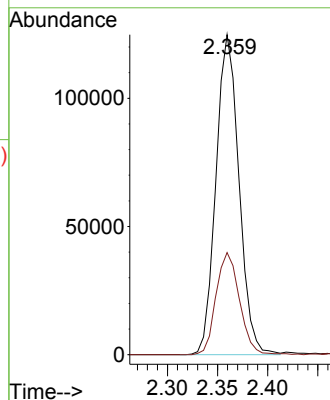
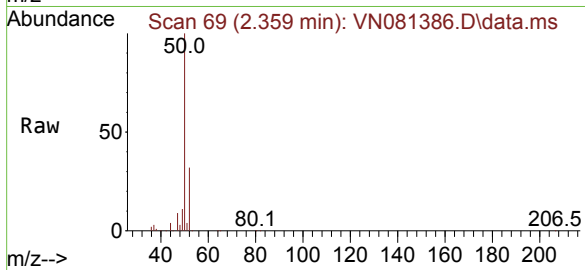




#3
Chloromethane
Concen: 44.157 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

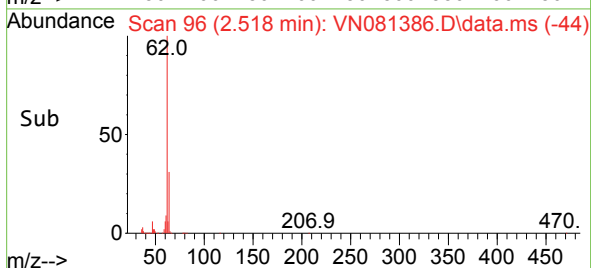
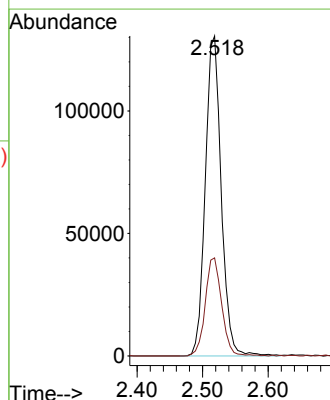
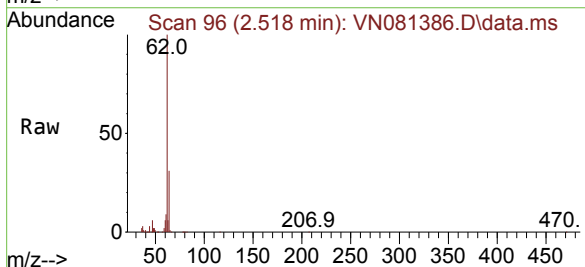
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

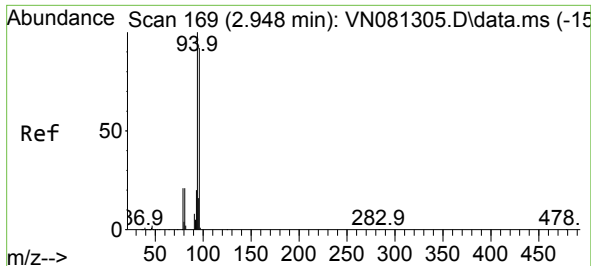
Tgt Ion: 50 Resp: 199185
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 47.018 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 62 Resp: 221250
Ion Ratio Lower Upper
62 100
64 30.6 22.7 34.1

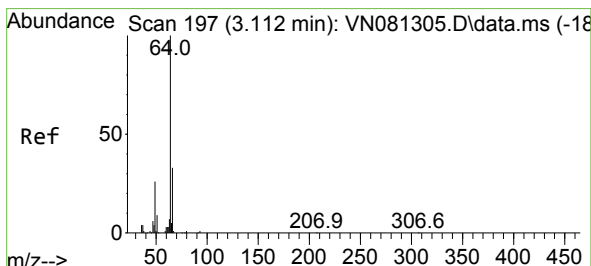
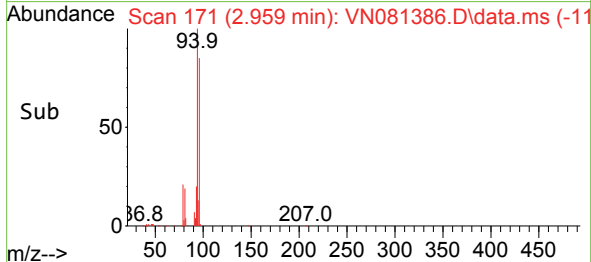
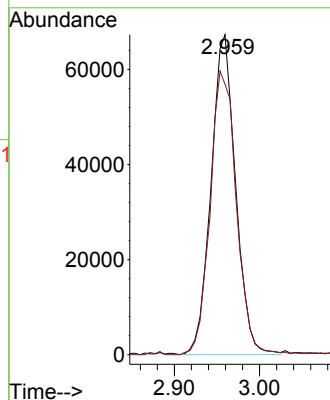
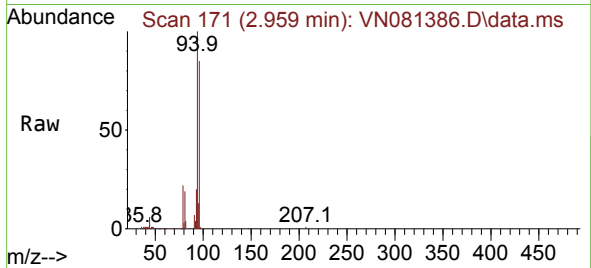




#5
Bromomethane
Concen: 42.922 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

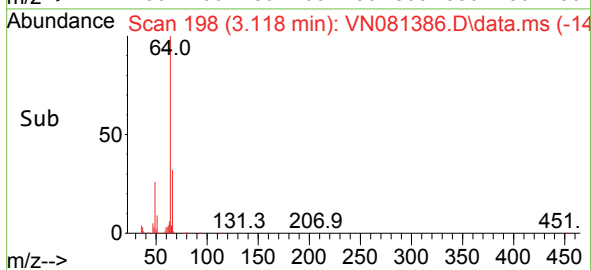
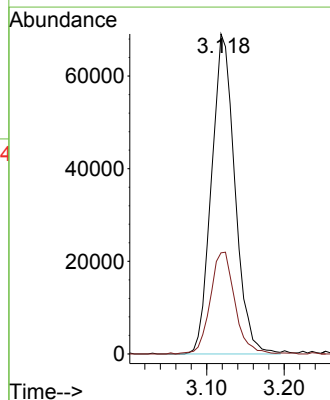
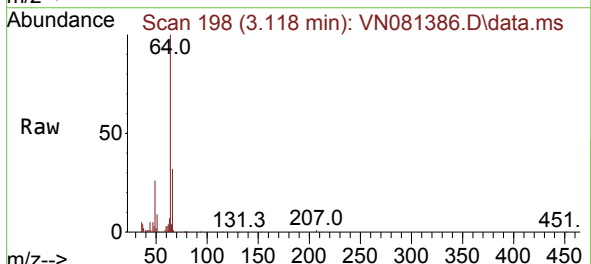
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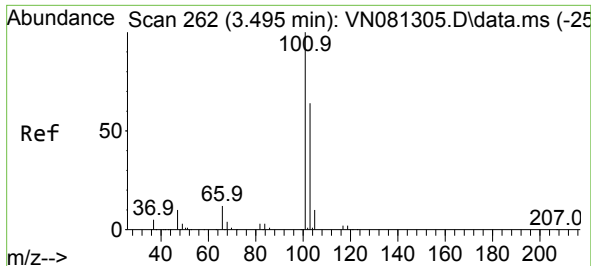
Tgt Ion: 94 Resp: 134898
Ion Ratio Lower Upper
94 100
96 84.5 69.2 103.8



#6
Chloroethane
Concen: 44.856 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 64 Resp: 144976
Ion Ratio Lower Upper
64 100
66 31.3 26.4 39.6

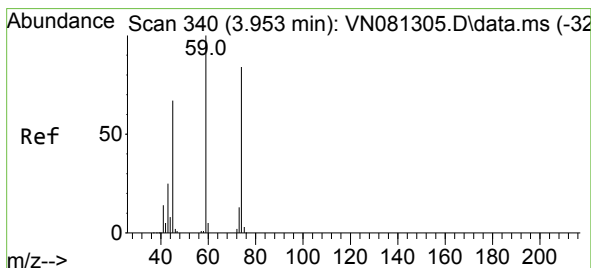
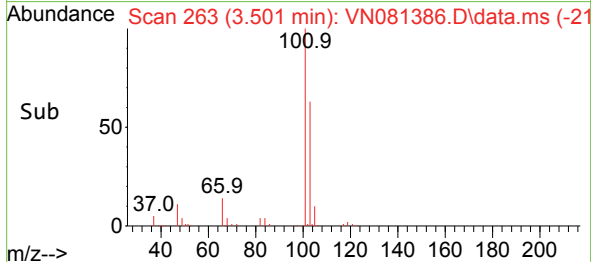
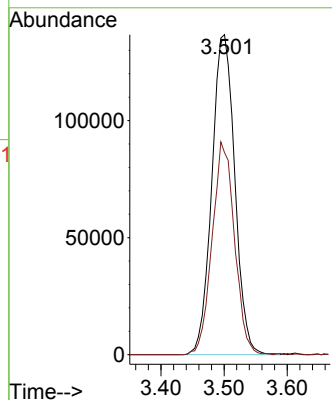
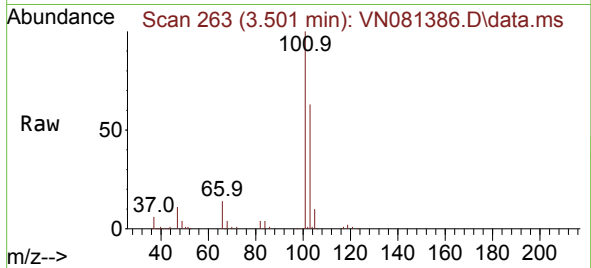




#7
Trichlorofluoromethane
Concen: 49.581 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

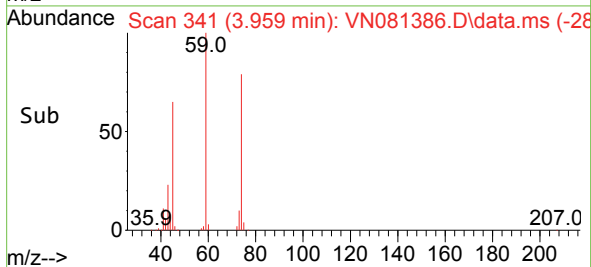
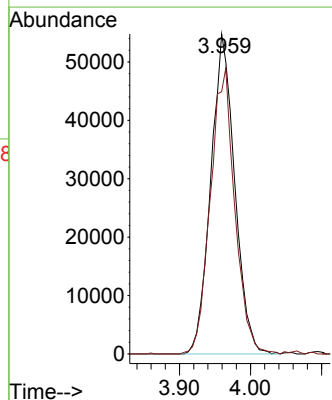
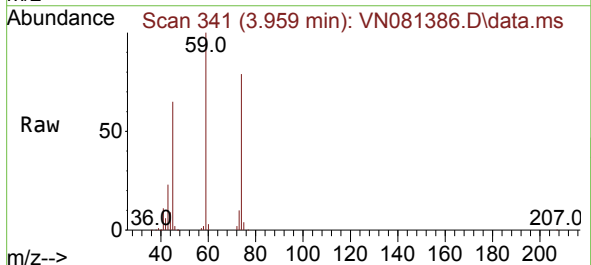
Instrument :
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VSTDCCC050

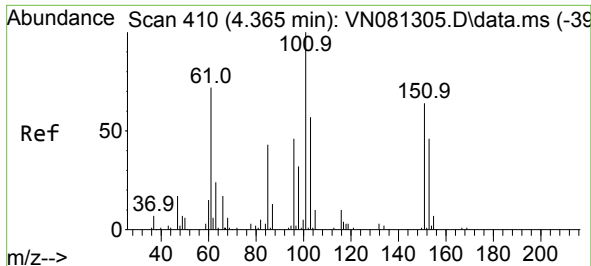
Tgt Ion:101 Resp: 345152
Ion Ratio Lower Upper
101 100
103 63.2 54.4 81.6



#8
Diethyl Ether
Concen: 52.228 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 74 Resp: 128093
Ion Ratio Lower Upper
74 100
45 91.0 53.3 159.9

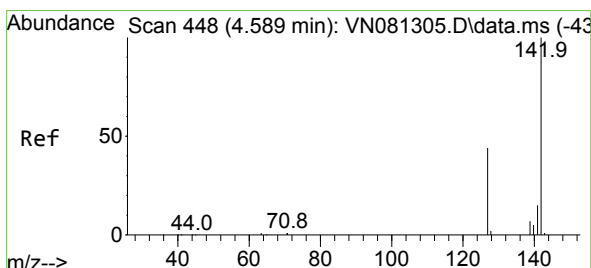
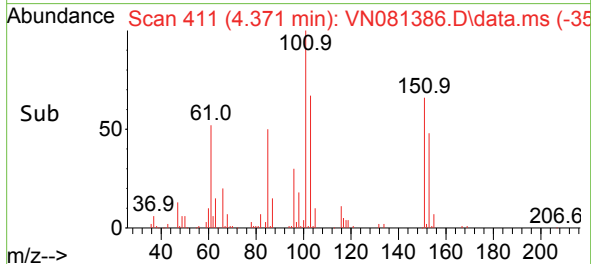
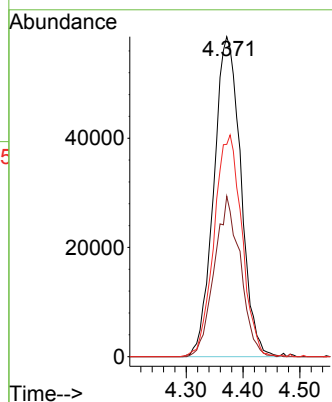
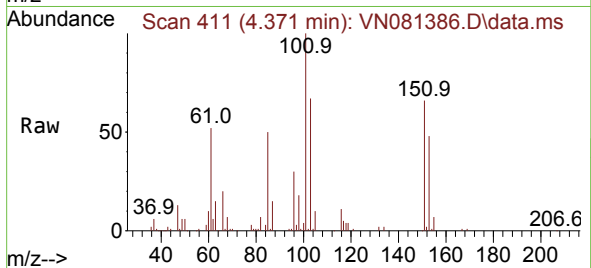




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.735 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

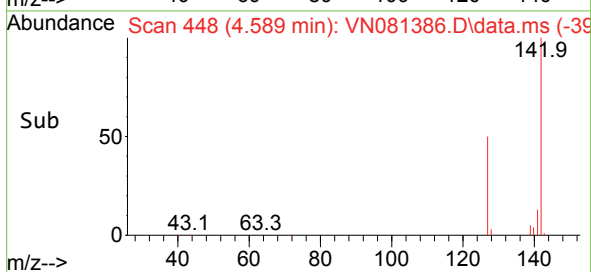
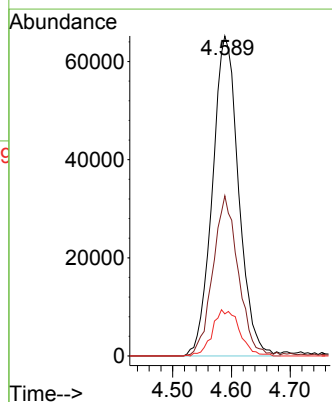
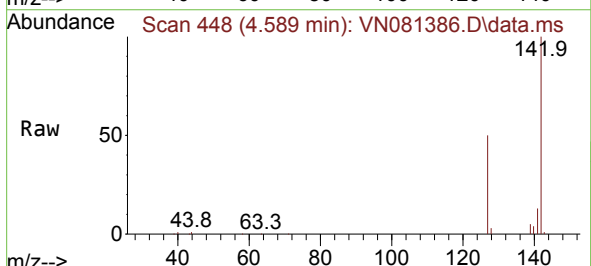
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

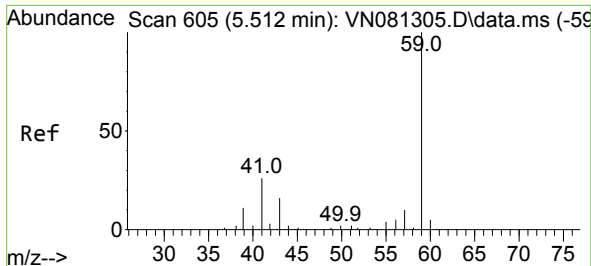
Tgt Ion:101 Resp: 193197
Ion Ratio Lower Upper
101 100
85 48.5 38.1 57.1
151 71.3 49.1 73.7



#10
Methyl Iodide
Concen: 55.702 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:142 Resp: 202069
Ion Ratio Lower Upper
142 100
127 50.0 37.0 55.4
141 13.2 12.5 18.7

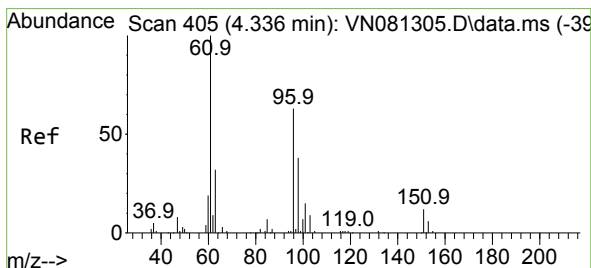
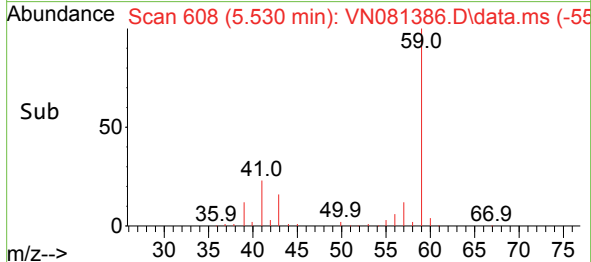
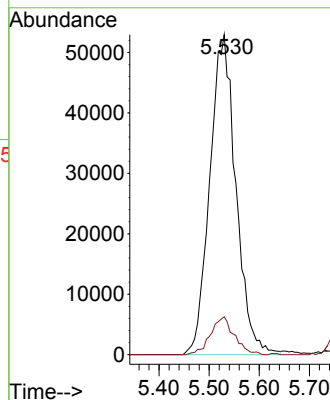
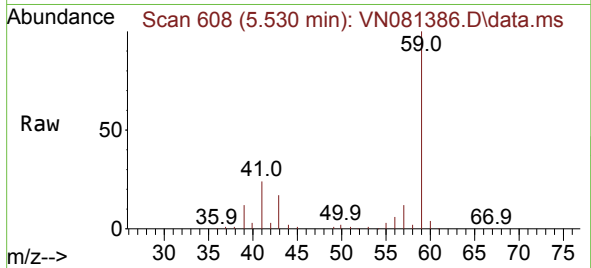




#11
Tert butyl alcohol
Concen: 240.083 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

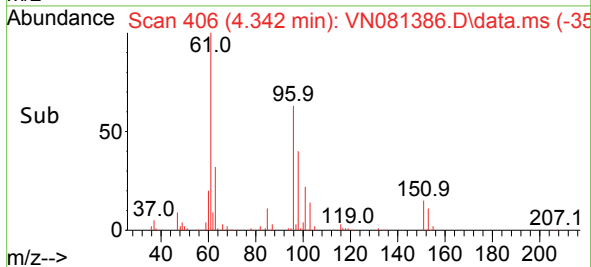
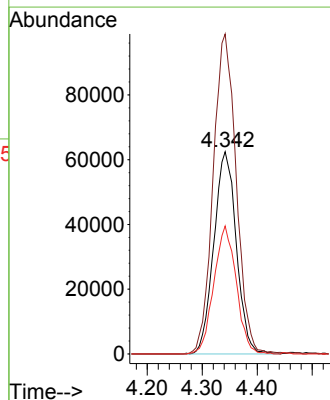
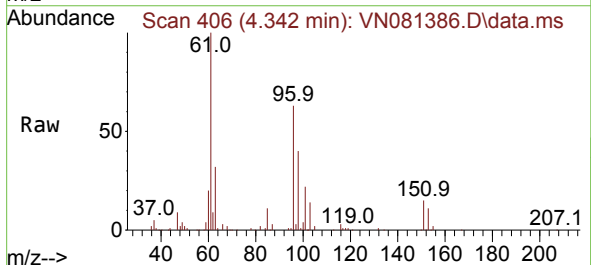
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

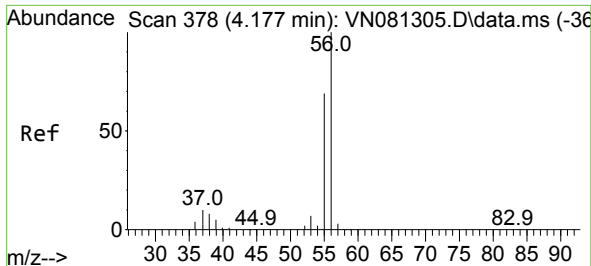
Tgt Ion: 59 Resp: 191216
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.387 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 96 Resp: 177639
Ion Ratio Lower Upper
96 100
61 158.2 138.2 207.4
98 63.3 49.2 73.8

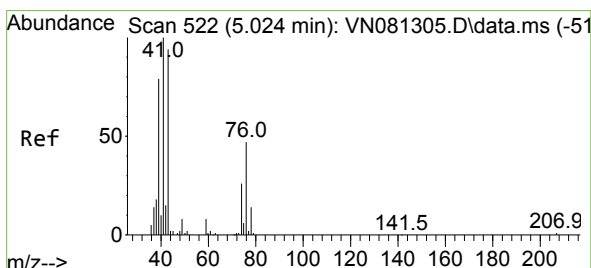
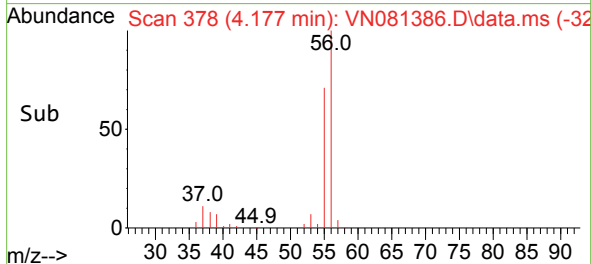
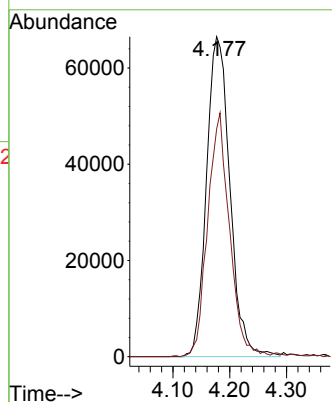
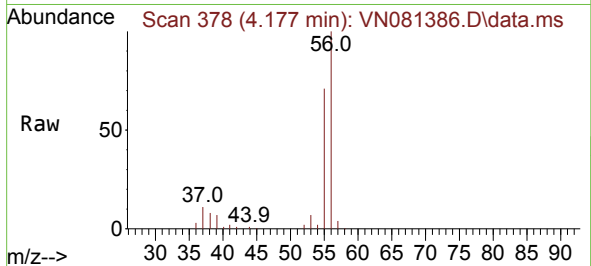




#13
Acrolein
Concen: 201.595 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

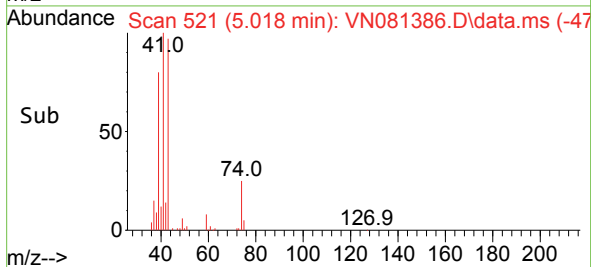
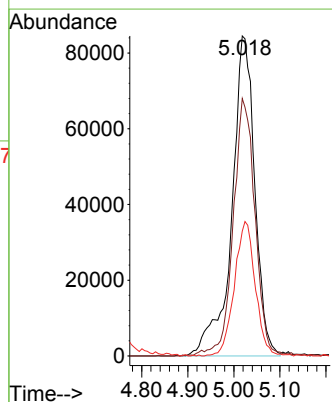
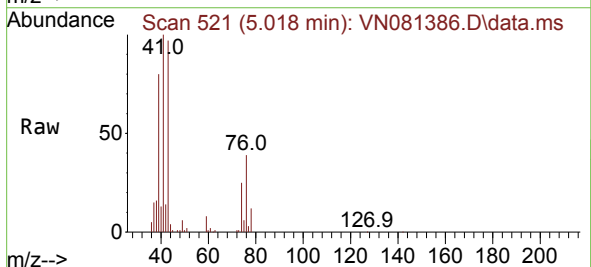
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

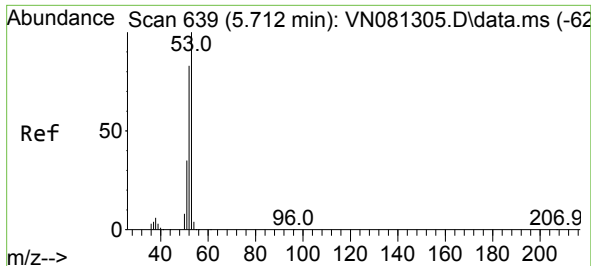
Tgt Ion: 56 Resp: 190125
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 54.013 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 41 Resp: 294279
Ion Ratio Lower Upper
41 100
39 75.9 57.7 86.5
76 38.1 26.8 40.2

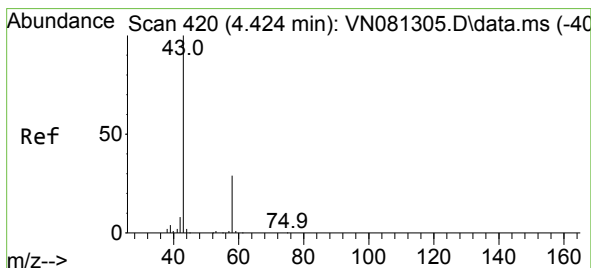
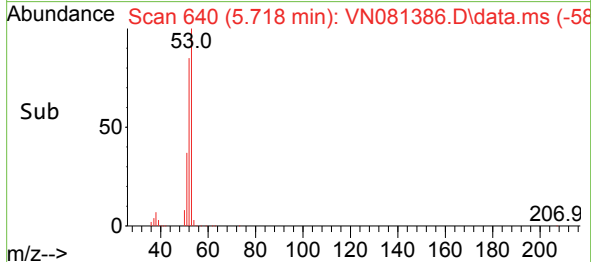
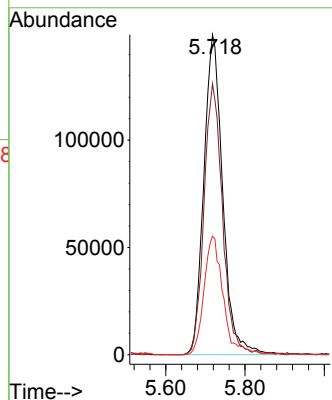
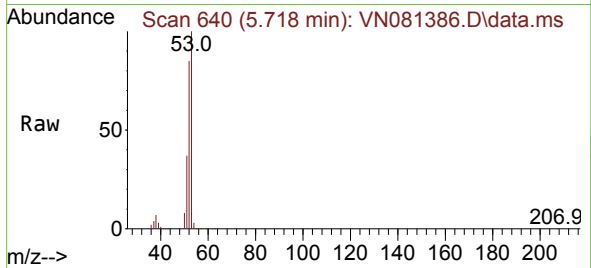




#15
Acrylonitrile
Concen: 237.518 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

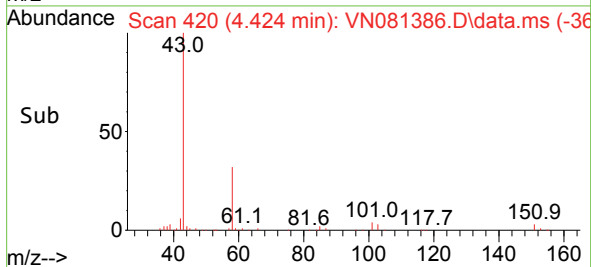
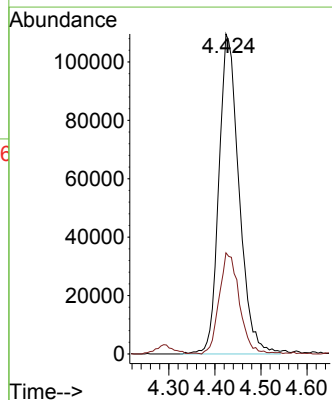
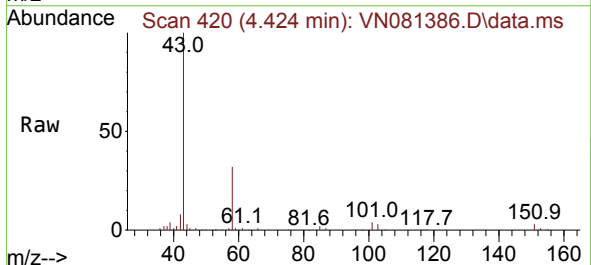
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

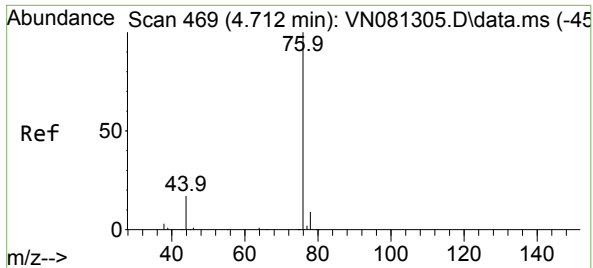
Tgt Ion: 53 Resp: 494202
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 37.3 26.9 40.3



#16
Acetone
Concen: 206.034 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 43 Resp: 332503
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

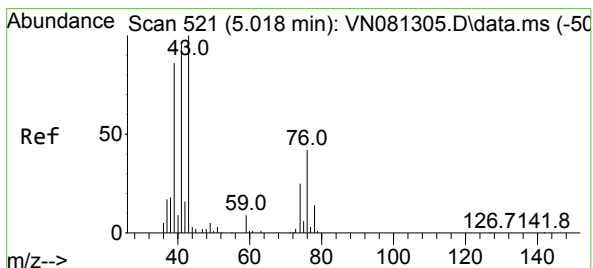
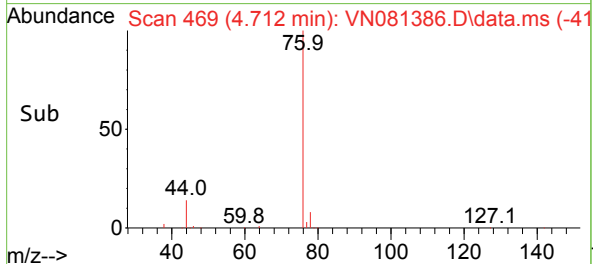
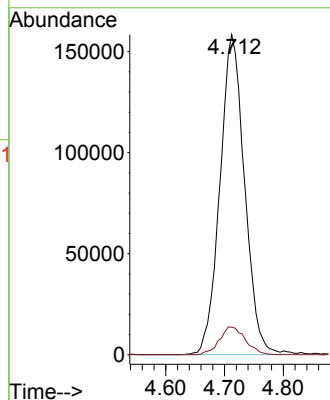
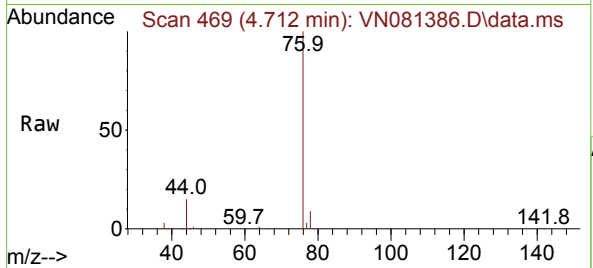




#17
Carbon Disulfide
Concen: 44.002 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

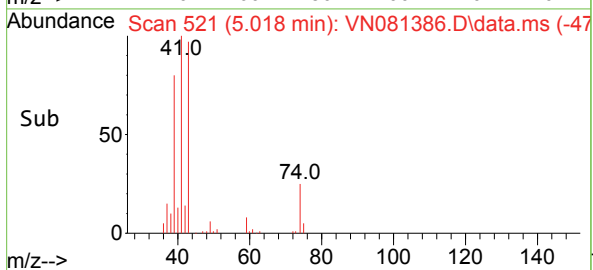
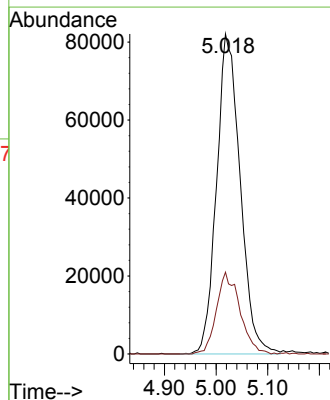
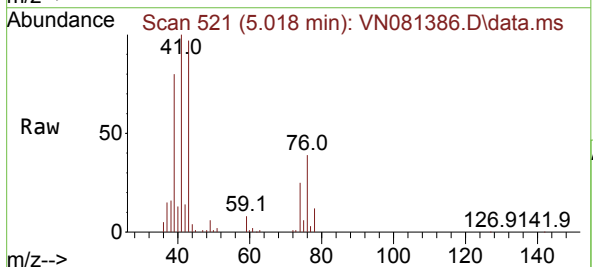
Instrument :
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ClientSampleId :
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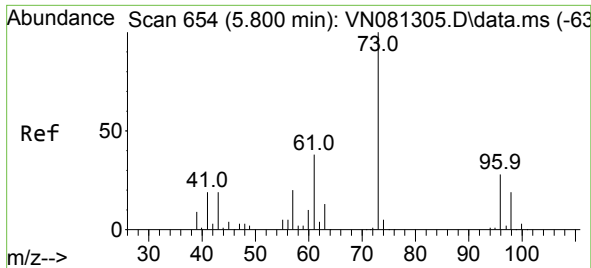
Tgt Ion: 76 Resp: 461057
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5



#18
Methyl Acetate
Concen: 56.287 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 43 Resp: 260075
Ion Ratio Lower Upper
43 100
74 25.3 17.3 25.9

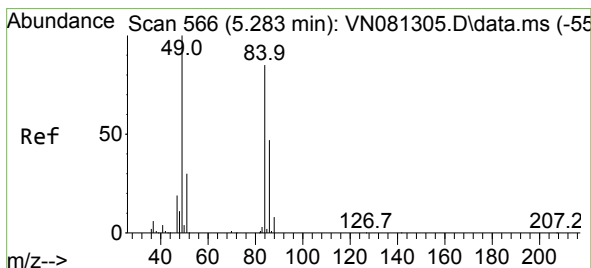
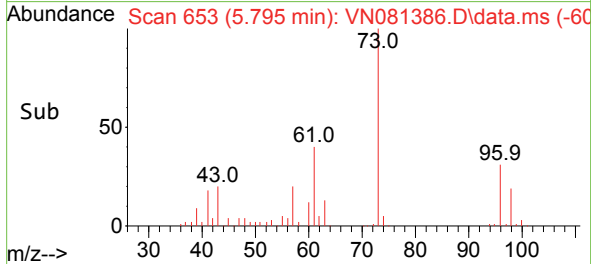
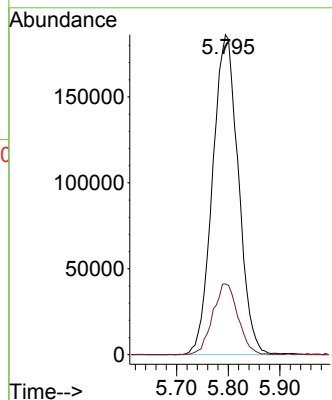
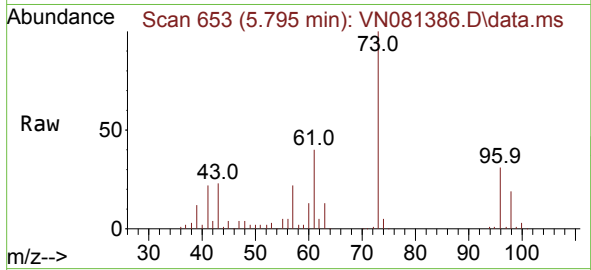




#19
Methyl tert-butyl Ether
Concen: 51.845 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

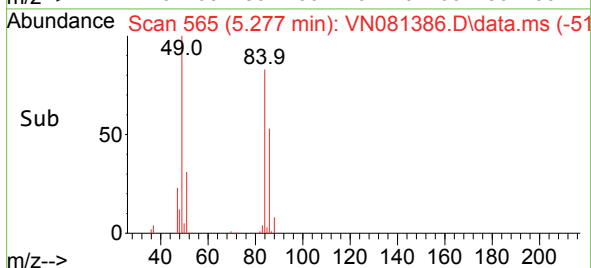
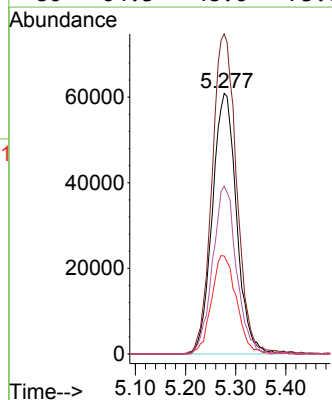
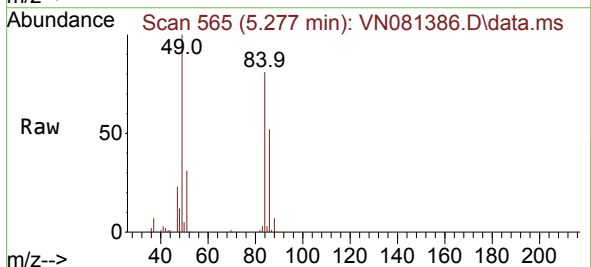
Instrument :
MSVOA_N
ClientSampleId :
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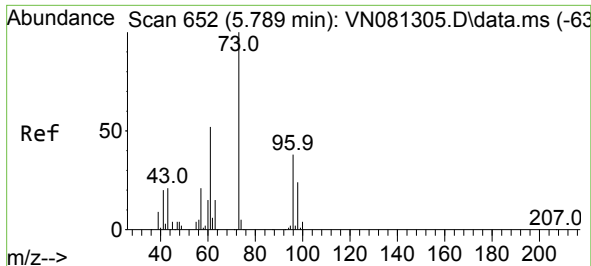
Tgt Ion: 73 Resp: 645537
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 51.180 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 84 Resp: 203990
Ion Ratio Lower Upper
84 100
49 122.7 108.1 162.1
51 37.5 32.9 49.3
86 64.3 48.6 73.0

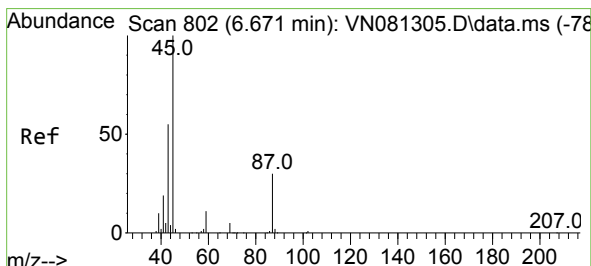
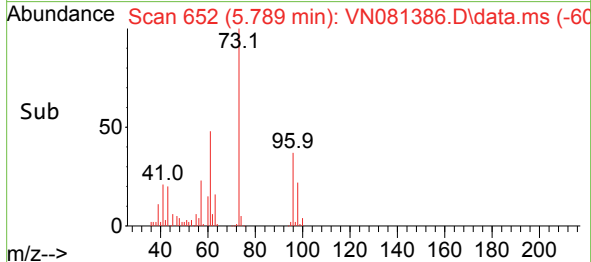
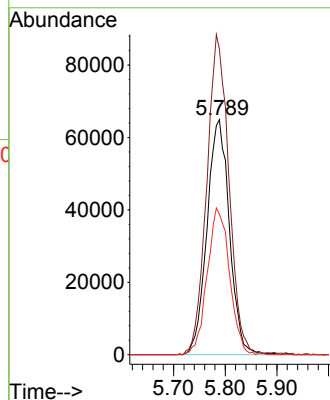
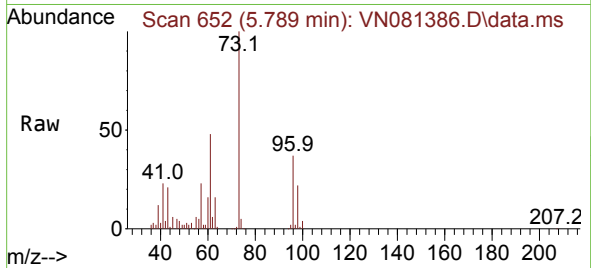




#21
trans-1,2-Dichloroethene
Concen: 47.249 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

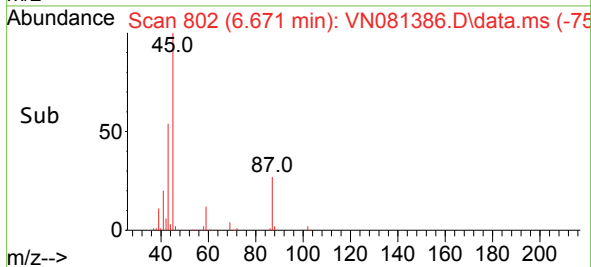
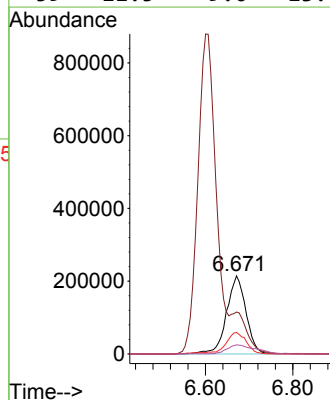
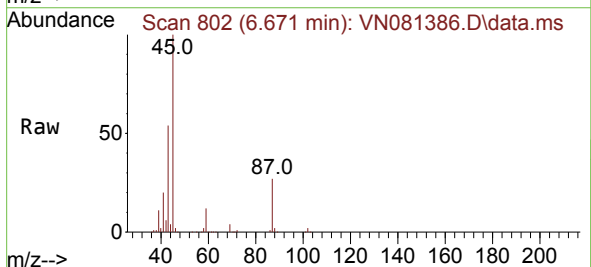
Instrument :
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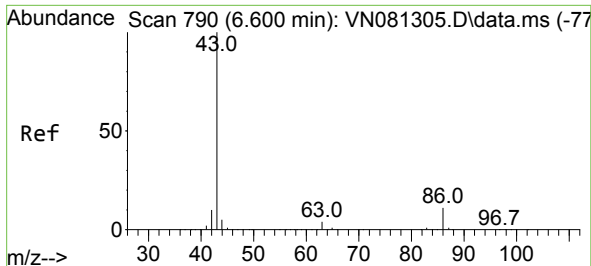
Tgt Ion: 96 Resp: 195567
Ion Ratio Lower Upper
96 100
61 129.5 112.8 169.2
98 59.8 51.0 76.4



#22
Diisopropyl ether
Concen: 54.678 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 45 Resp: 661670
Ion Ratio Lower Upper
45 100
43 53.0 41.8 62.8
87 27.3 18.1 27.1#
59 11.5 9.0 13.6

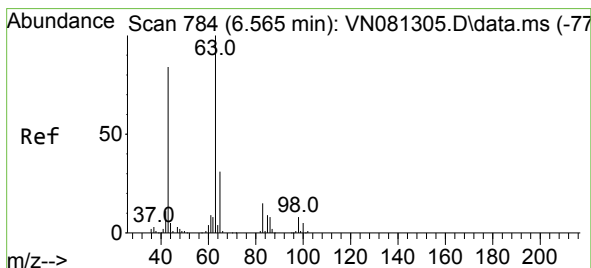
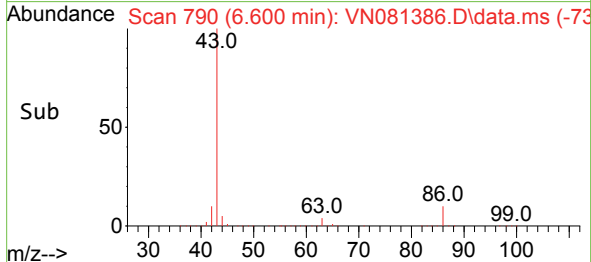
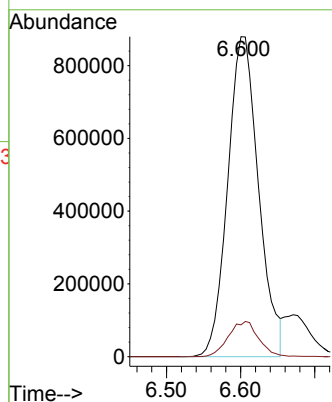
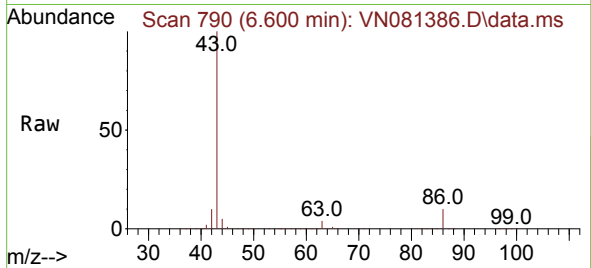




#23
 Vinyl Acetate
 Concen: 258.980 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

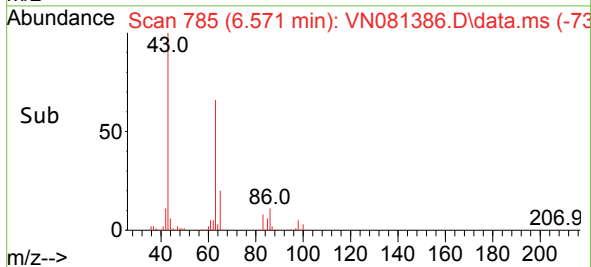
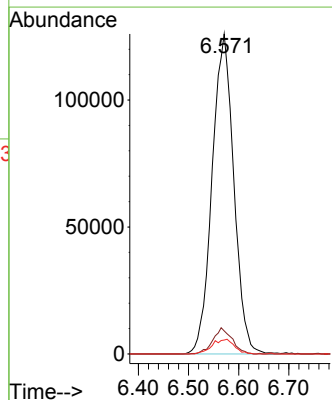
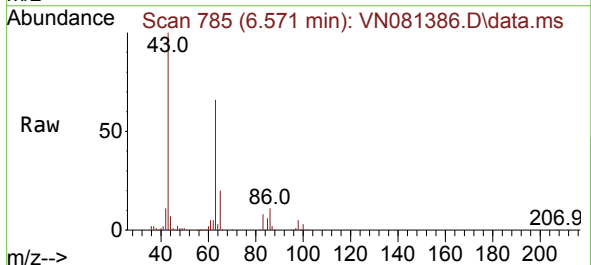
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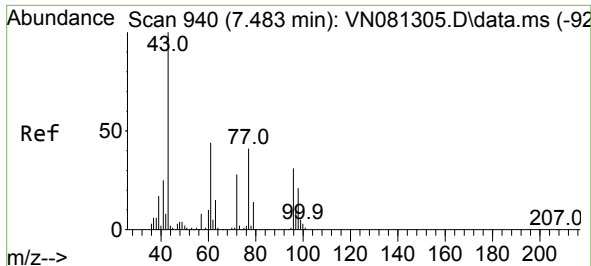
Tgt Ion: 43 Resp: 2546001
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.148 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

Tgt Ion: 63 Resp: 378887
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.4 1.9 5.7

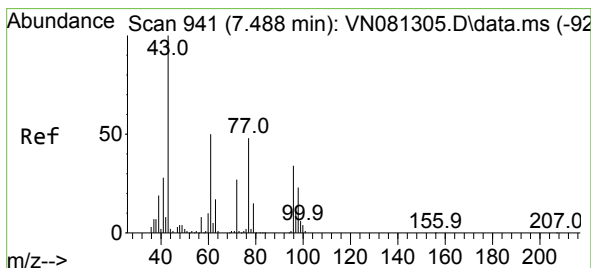
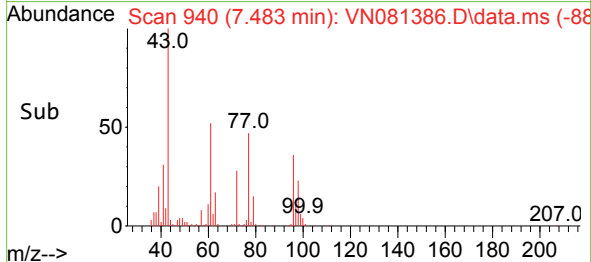
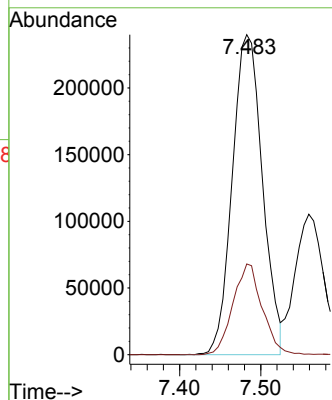
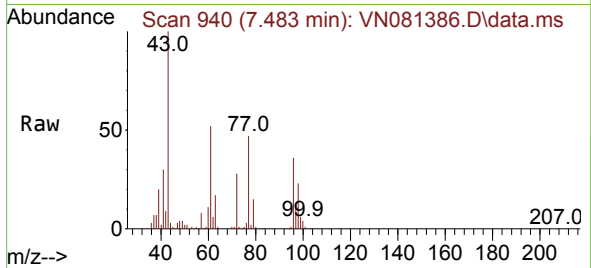




#25
2-Butanone
Concen: 229.160 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

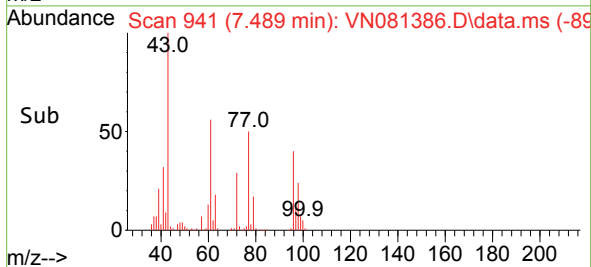
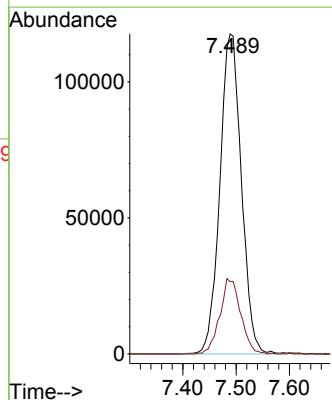
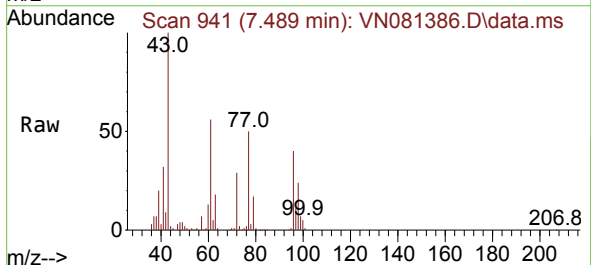
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

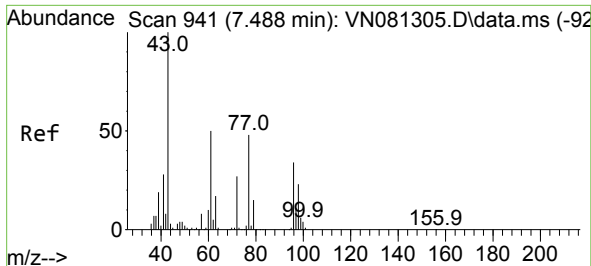
Tgt Ion: 43 Resp: 619338
Ion Ratio Lower Upper
43 100
72 28.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 50.381 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 77 Resp: 329849
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5

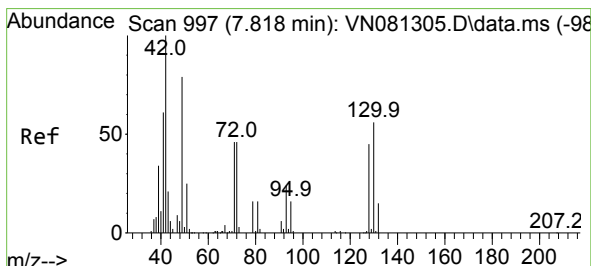
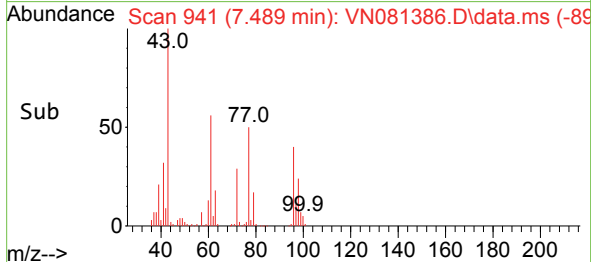
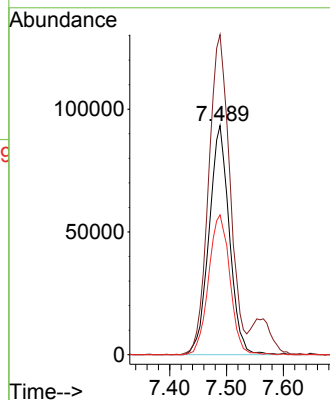
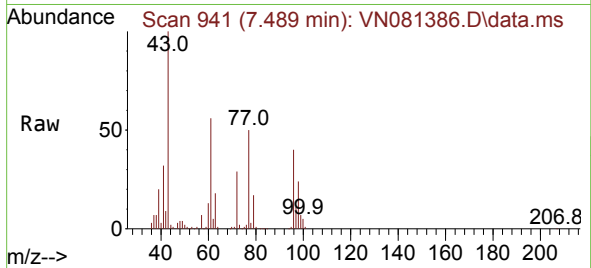




#27
cis-1,2-Dichloroethene
Concen: 49.381 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

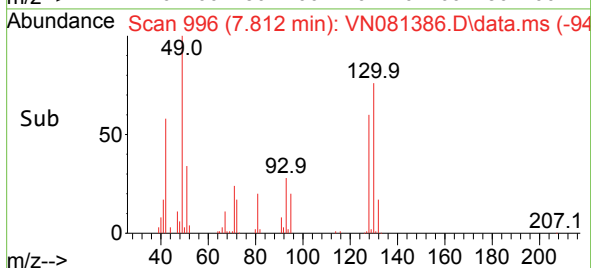
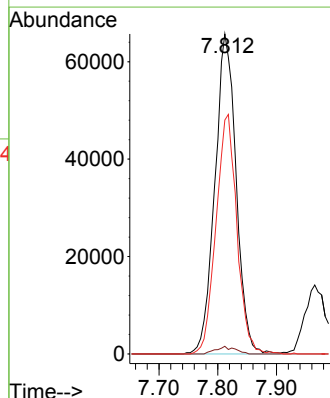
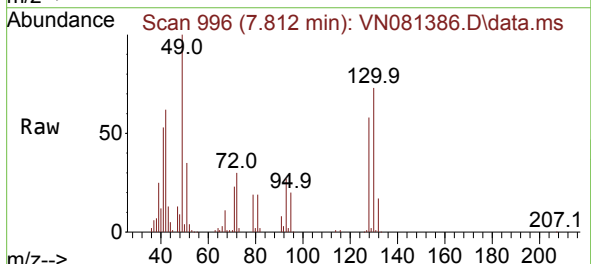
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

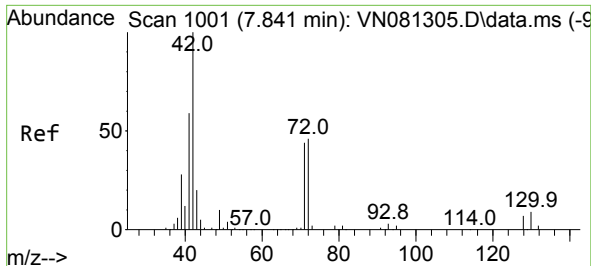
Tgt Ion: 96 Resp: 231725
Ion Ratio Lower Upper
96 100
61 146.4 0.0 325.4
98 63.7 0.0 130.4



#28
Bromochloromethane
Concen: 52.155 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 49 Resp: 165314
Ion Ratio Lower Upper
49 100
129 2.1 0.0 1.6#
130 73.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 230.988 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

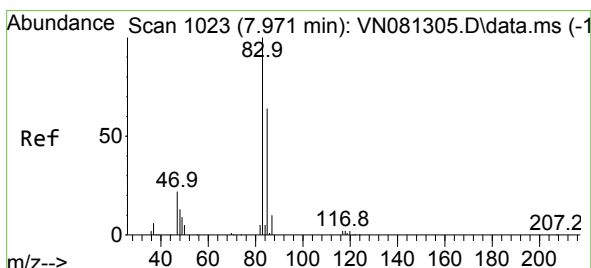
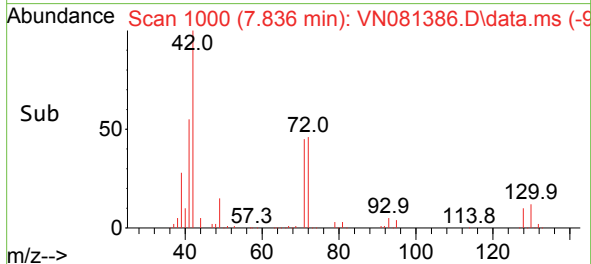
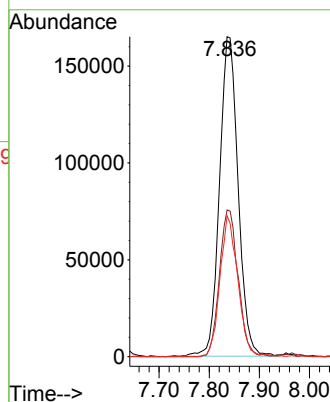
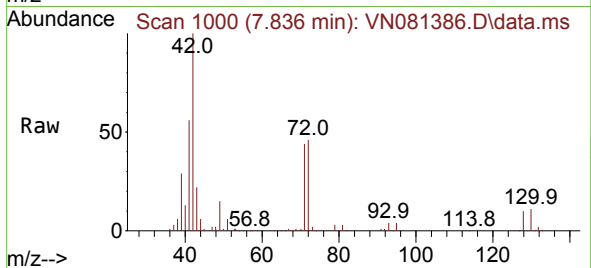
Tgt Ion: 42 Resp: 425696

Ion Ratio Lower Upper

42 100

72 46.0 31.1 46.7

71 42.4 28.3 42.5



#30

Chloroform

Concen: 51.417 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081386.D

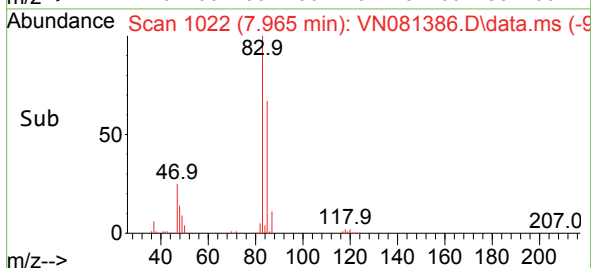
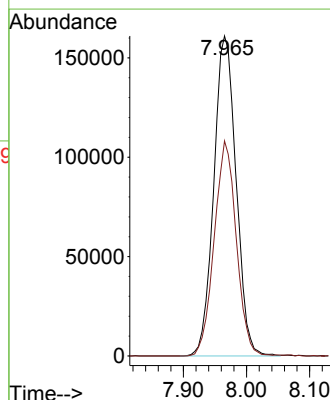
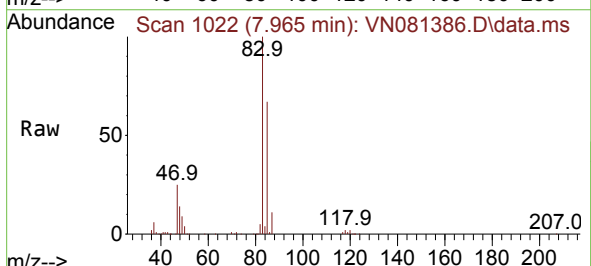
Acq: 13 Mar 2024 10:48

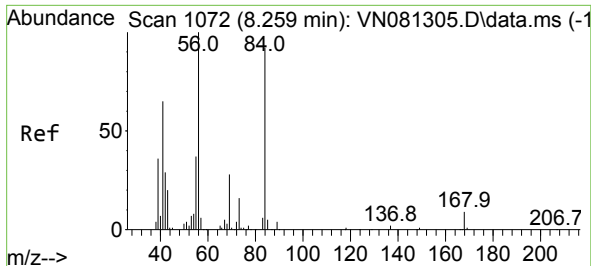
Tgt Ion: 83 Resp: 395251

Ion Ratio Lower Upper

83 100

85 67.2 51.0 76.6

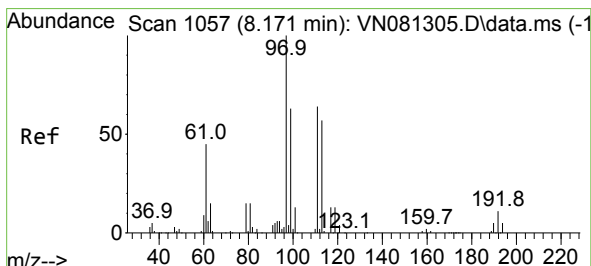
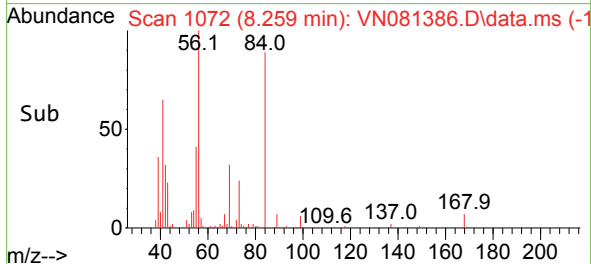
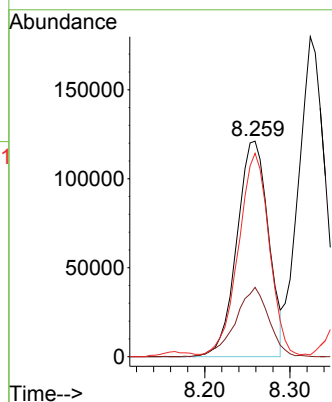
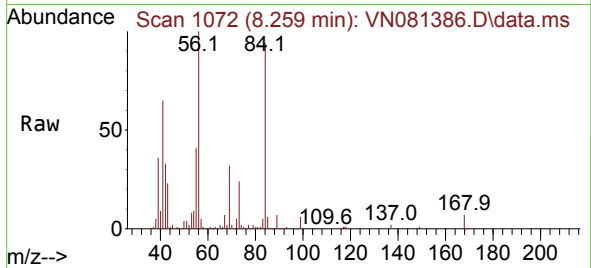




#31
Cyclohexane
Concen: 45.347 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

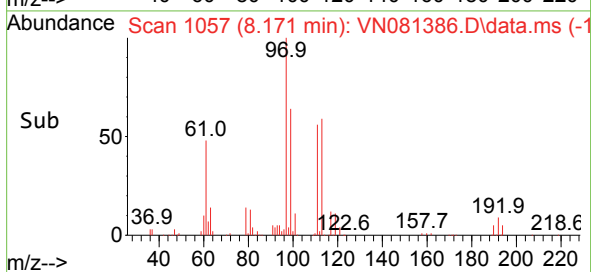
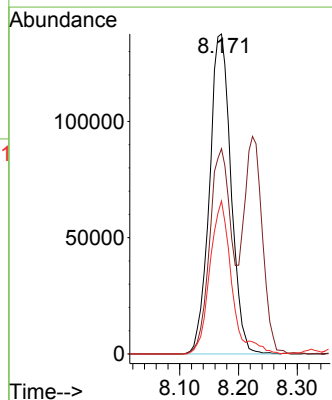
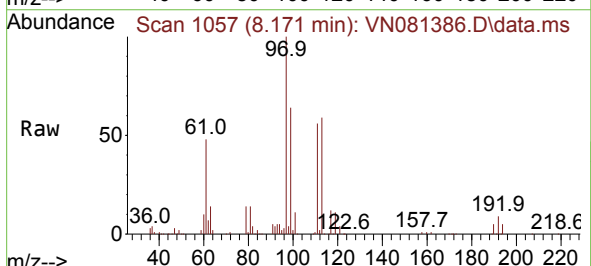
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

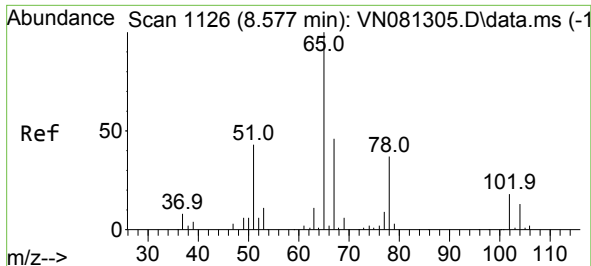
Tgt Ion: 56 Resp: 312715
Ion Ratio Lower Upper
56 100
69 32.2 20.1 30.1#
84 92.5 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 51.508 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 97 Resp: 349987
Ion Ratio Lower Upper
97 100
99 62.5 53.4 80.0
61 48.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.951 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

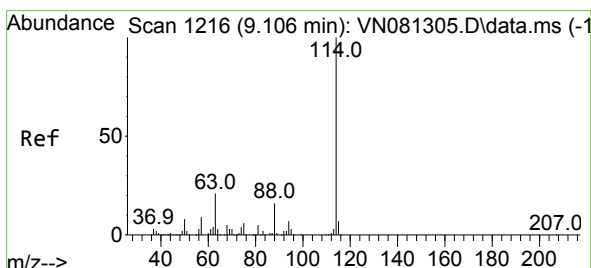
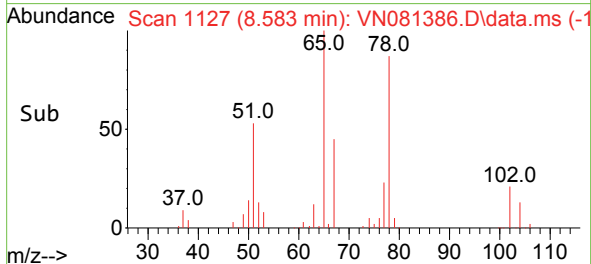
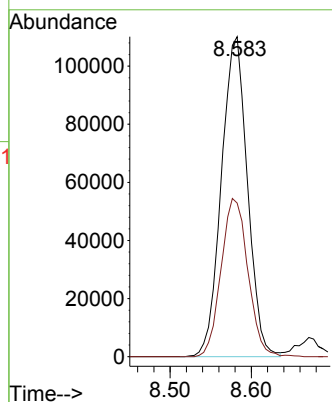
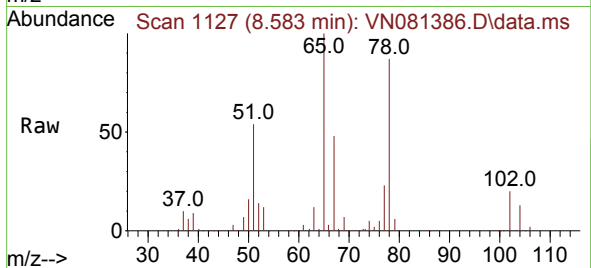
VSTDCCC050

Tgt Ion: 65 Resp: 245743

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

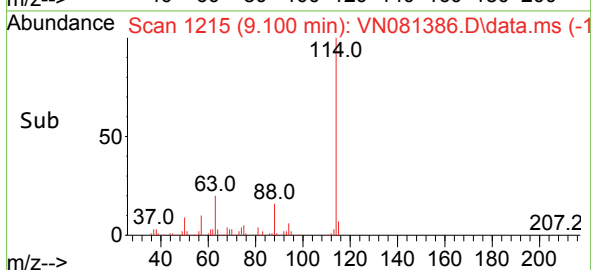
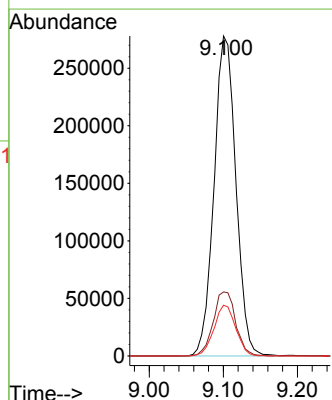
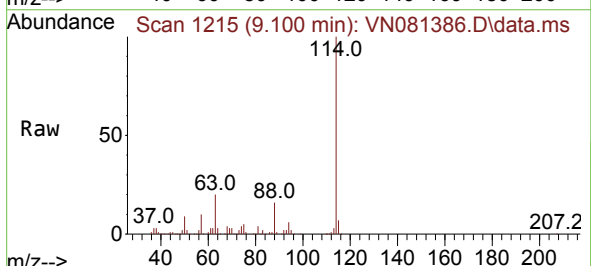
Tgt Ion: 114 Resp: 568991

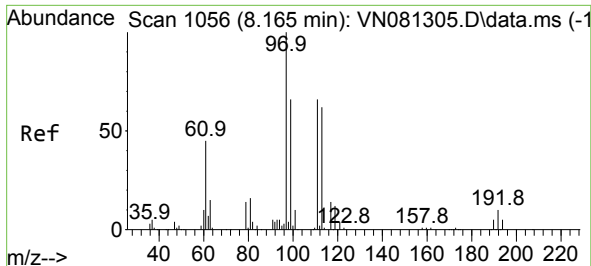
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.9 0.0 34.8

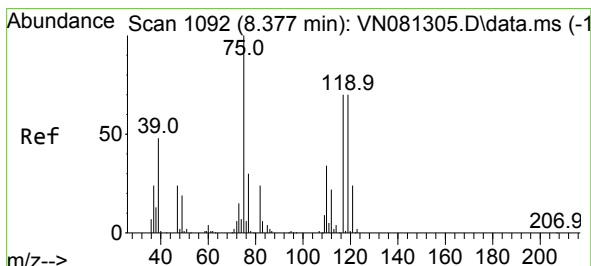
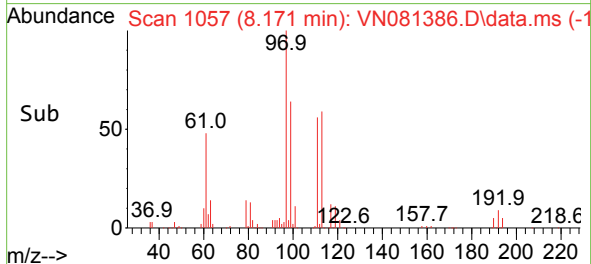
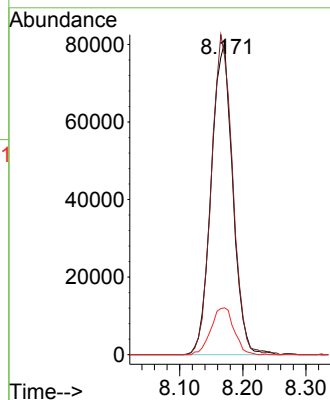
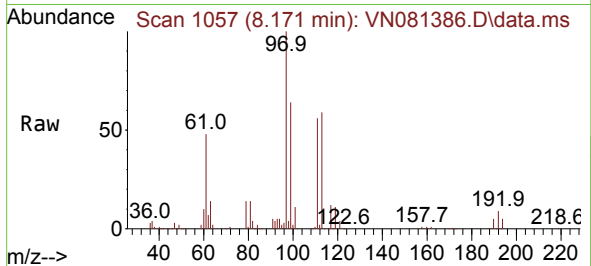




#35
Dibromofluoromethane
Concen: 54.585 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

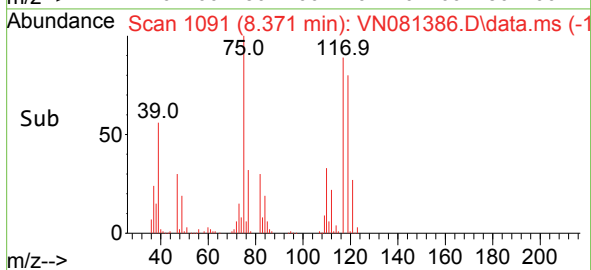
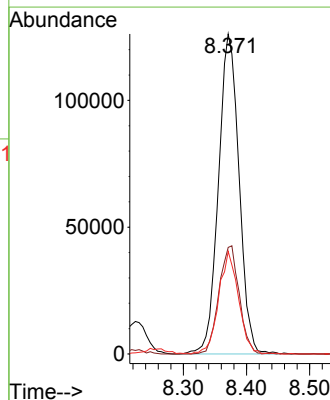
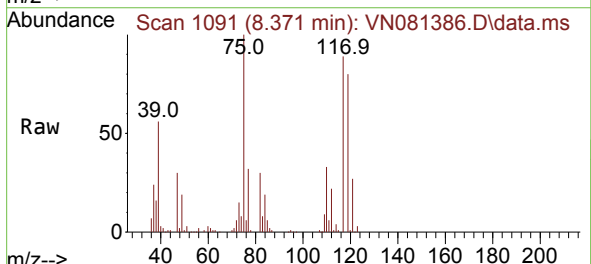
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

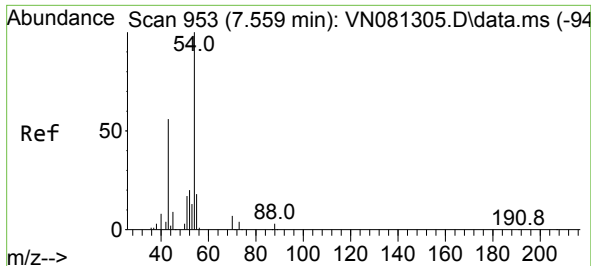
Tgt Ion:113 Resp: 190286
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 50.905 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 75 Resp: 286290
Ion Ratio Lower Upper
75 100
110 33.4 16.0 48.0
77 30.7 25.8 38.6

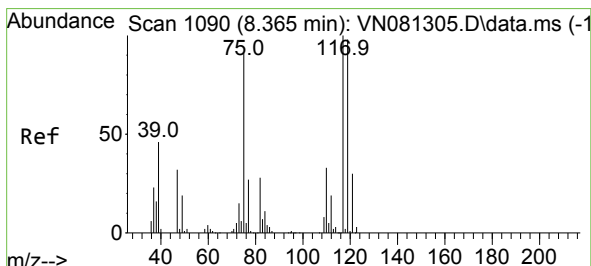
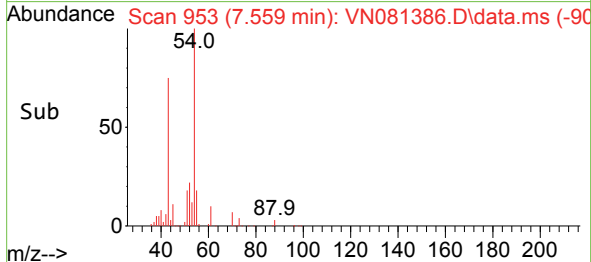
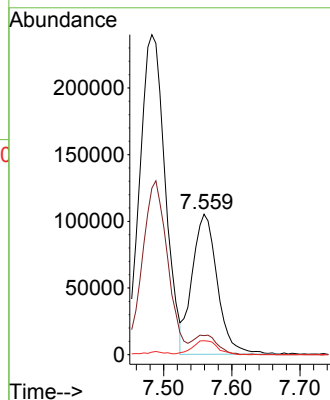
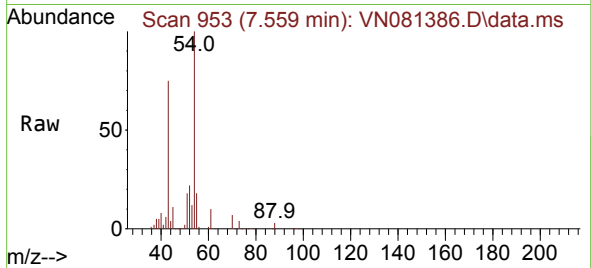




#37
Ethyl Acetate
Concen: 48.946 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

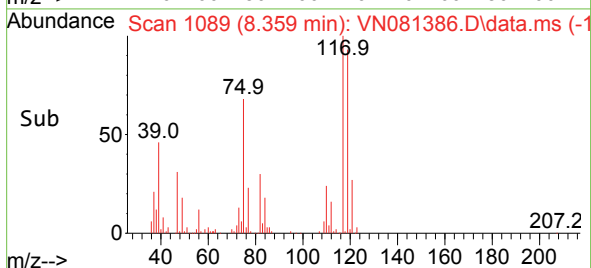
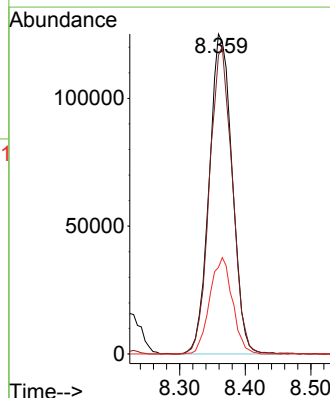
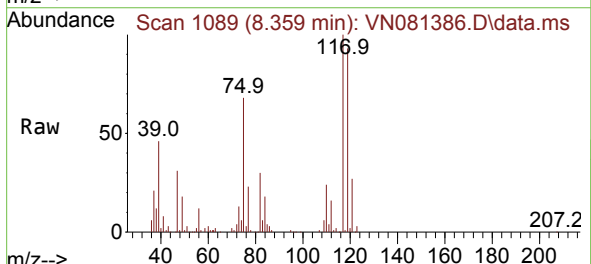
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

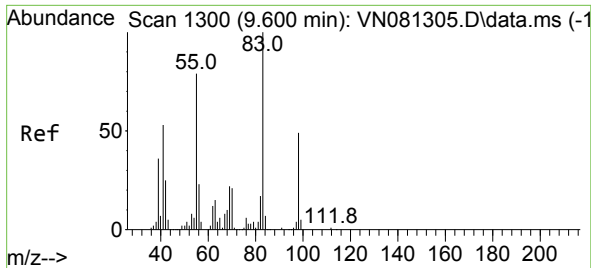
Tgt Ion: 43 Resp: 269086
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 53.864 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 117 Resp: 304880
Ion Ratio Lower Upper
117 100
119 93.2 73.4 110.2
121 27.1 24.4 36.6

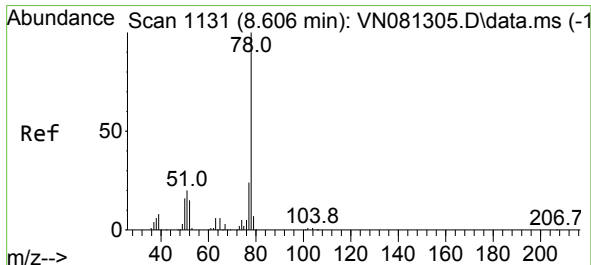
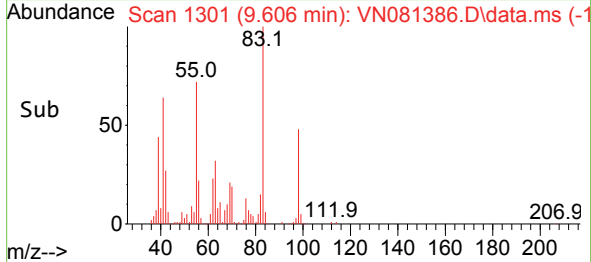
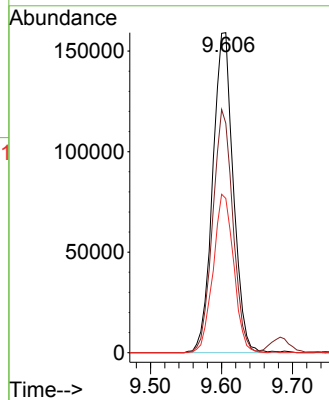
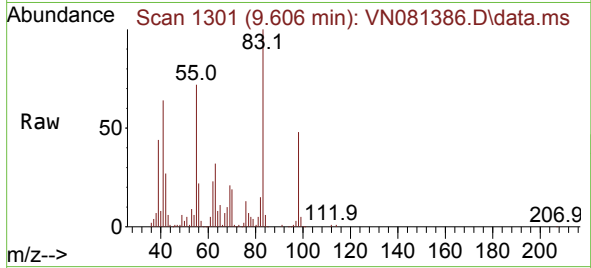




#39
Methylcyclohexane
Concen: 49.591 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

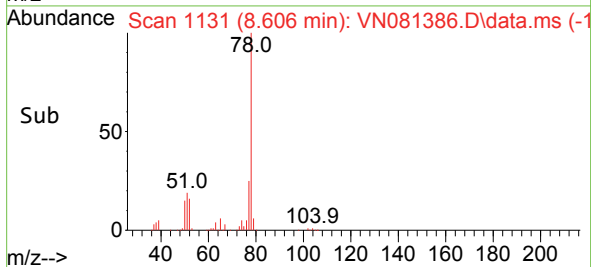
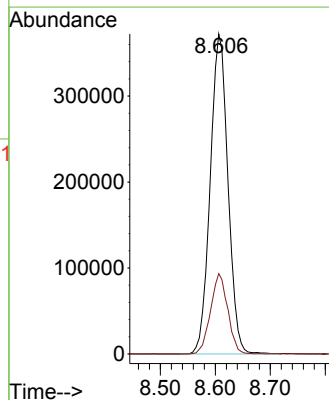
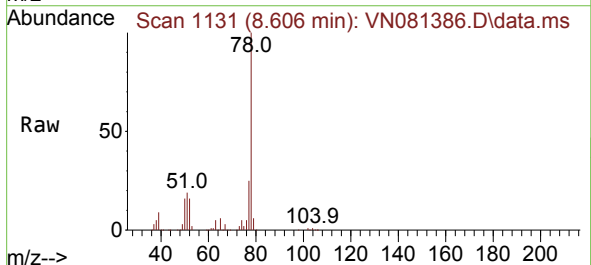
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

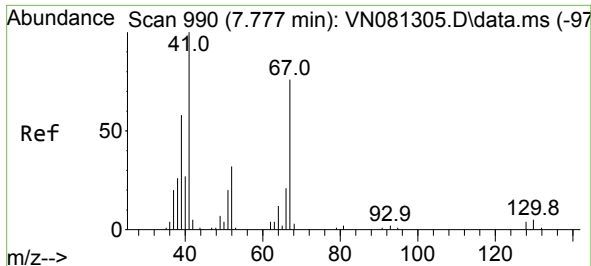
Tgt Ion: 83 Resp: 320974
Ion Ratio Lower Upper
83 100
55 71.7 65.7 98.5
98 48.2 33.8 50.6



#40
Benzene
Concen: 49.700 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 78 Resp: 834304
Ion Ratio Lower Upper
78 100
77 25.1 20.4 30.6



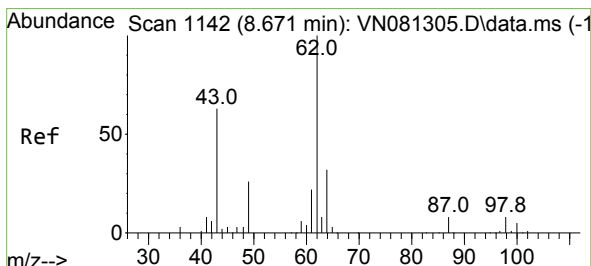
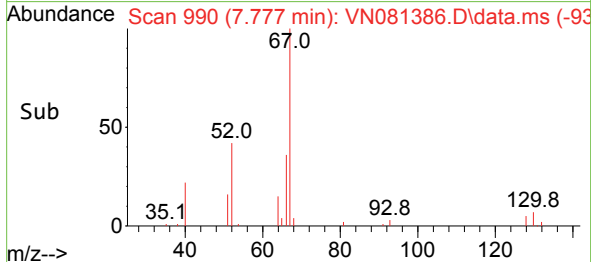
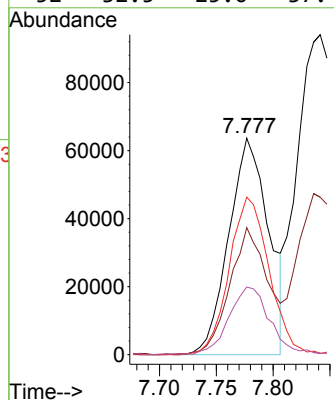
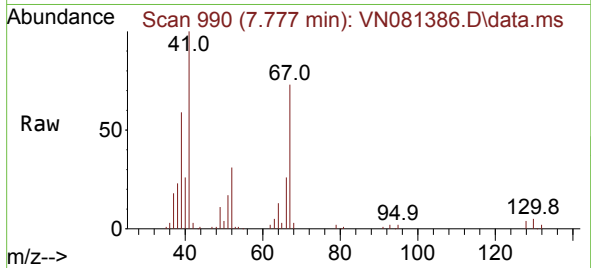


#41
Methacrylonitrile
Concen: 50.095 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 155528

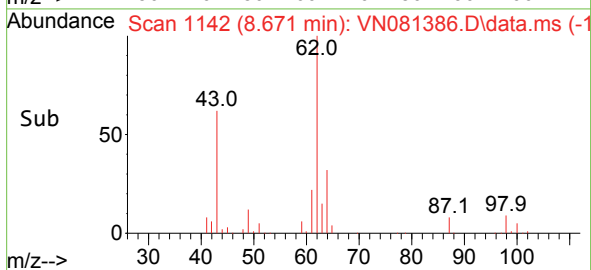
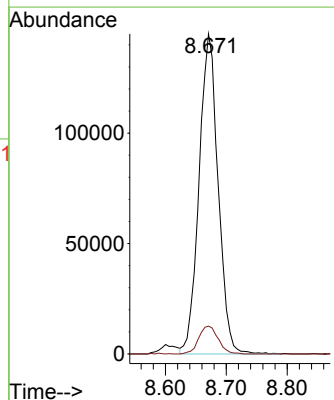
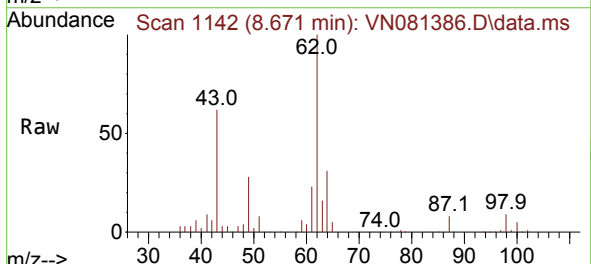
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.4	72.6
67	73.2	56.8	85.2
52	32.5	25.0	37.4

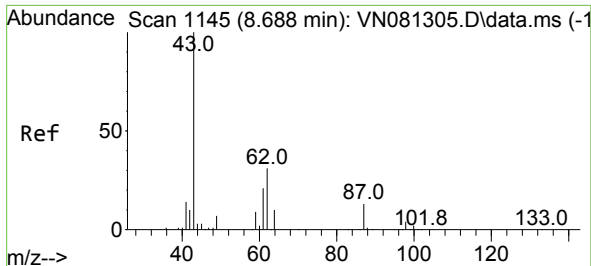


#42
1,2-Dichloroethane
Concen: 53.278 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 62 Resp: 315343

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

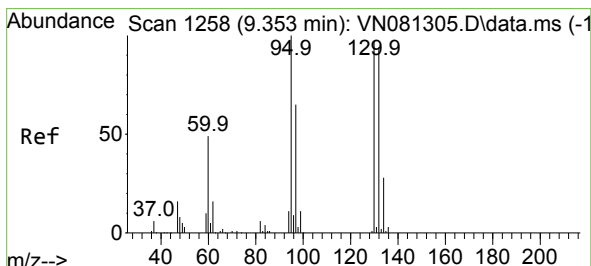
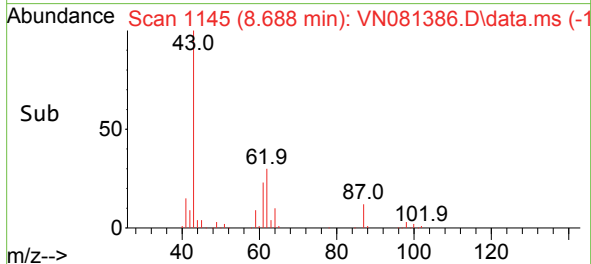
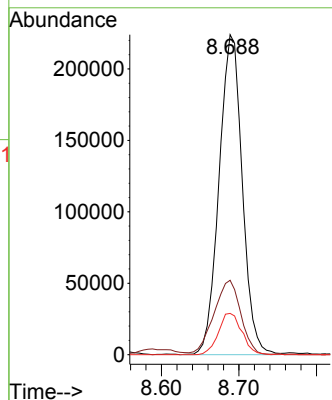
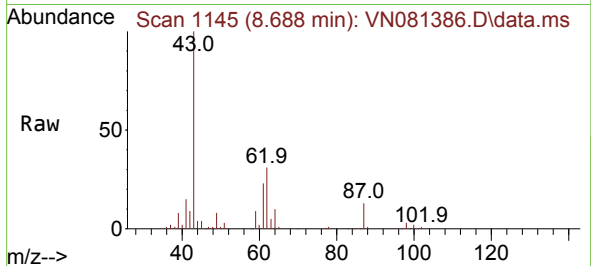




#43
Isopropyl Acetate
Concen: 48.494 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

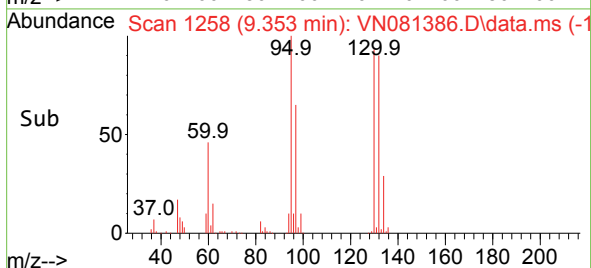
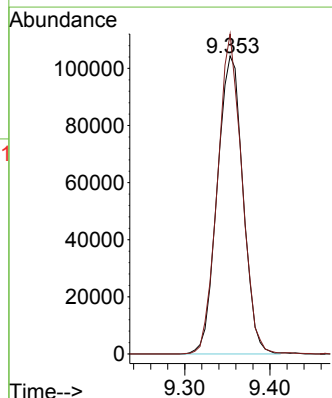
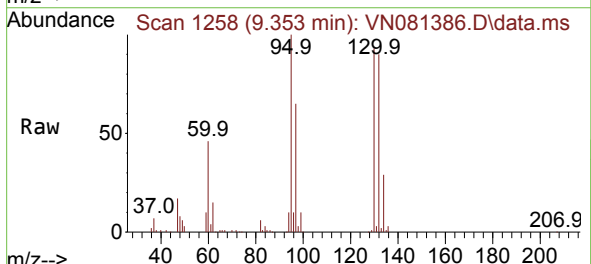
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

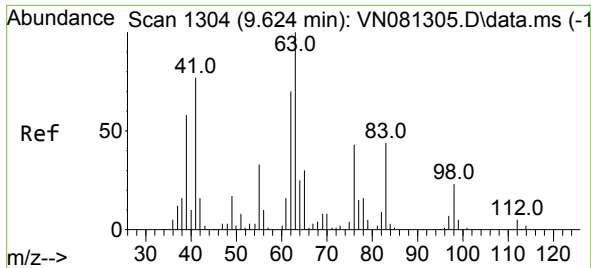
Tgt Ion: 43 Resp: 466633
Ion Ratio Lower Upper
43 100
61 26.9 19.9 29.9
87 13.0 9.0 13.6



#44
Trichloroethene
Concen: 51.580 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:130 Resp: 218381
Ion Ratio Lower Upper
130 100
95 107.3 0.0 210.4

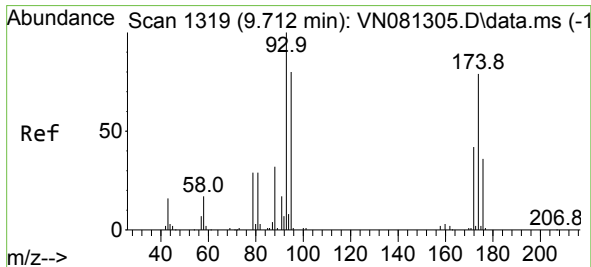
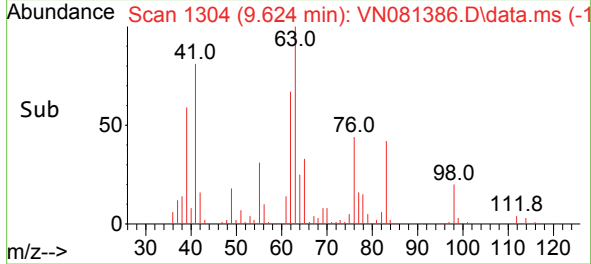
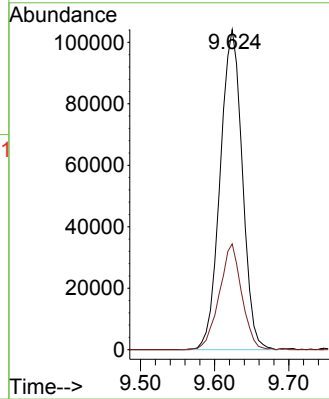
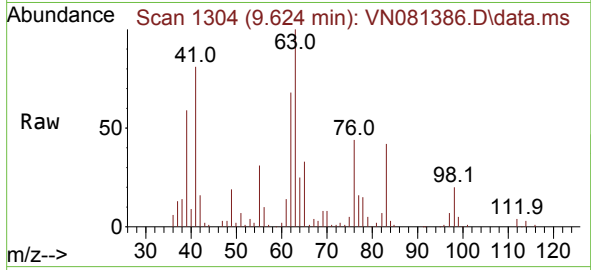




#45
1,2-Dichloropropane
Concen: 51.249 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

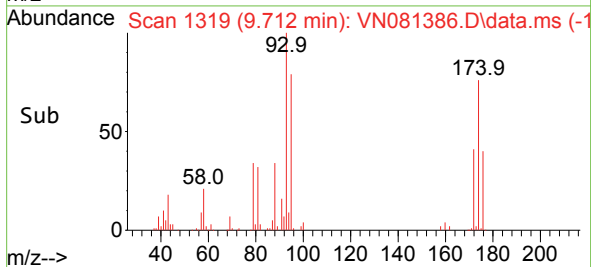
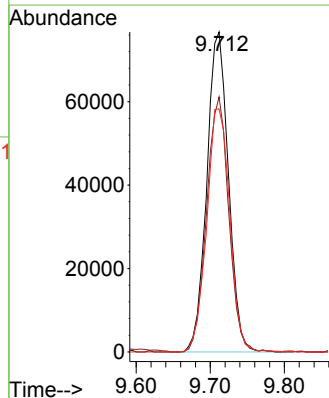
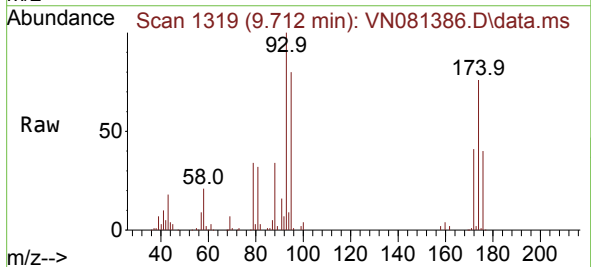
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

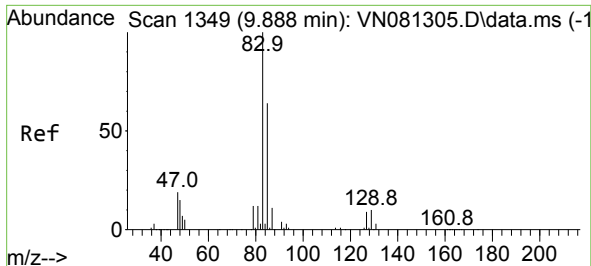
Tgt Ion: 63 Resp: 216120
Ion Ratio Lower Upper
63 100
65 33.1 26.1 39.1



#46
Dibromomethane
Concen: 52.245 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 93 Resp: 155295
Ion Ratio Lower Upper
93 100
95 81.8 68.1 102.1
174 81.2 57.2 85.8

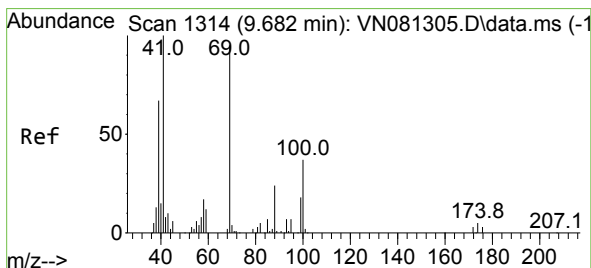
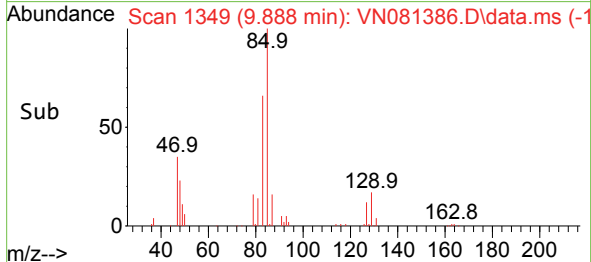
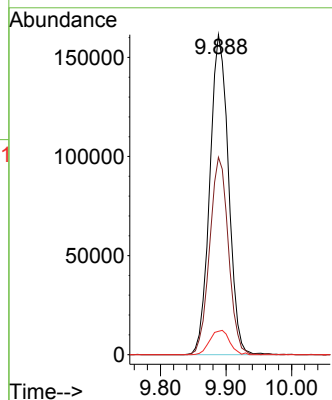
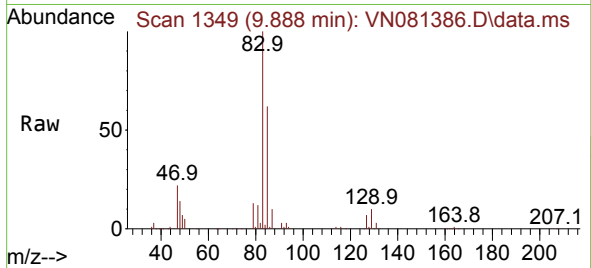




#47
Bromodichloromethane
Concen: 55.249 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

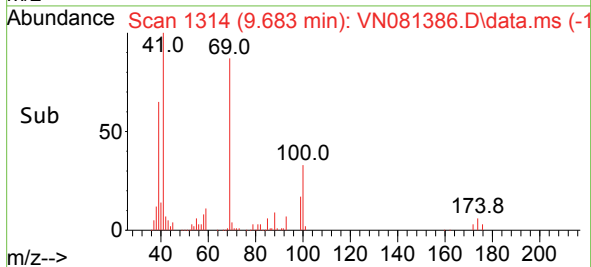
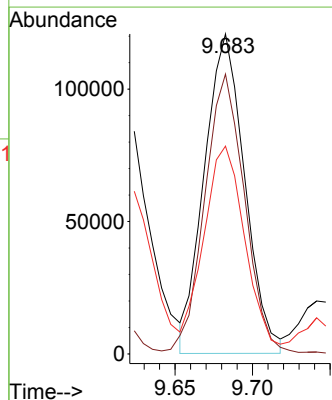
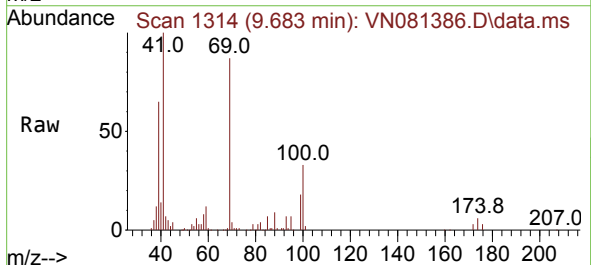
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

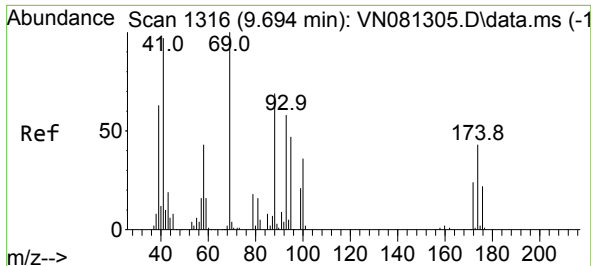
Tgt Ion: 83 Resp: 318808
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5
127 7.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 51.238 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 41 Resp: 217936
Ion Ratio Lower Upper
41 100
69 87.6 62.2 93.2
39 67.4 47.6 71.4





#49

1,4-Dioxane

Concen: 774.005 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

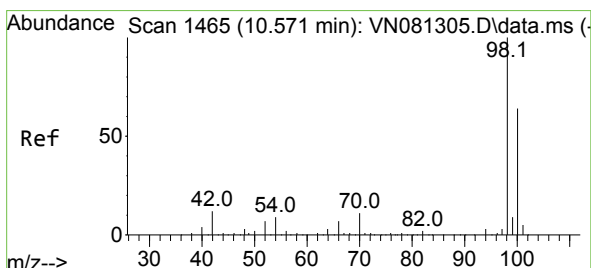
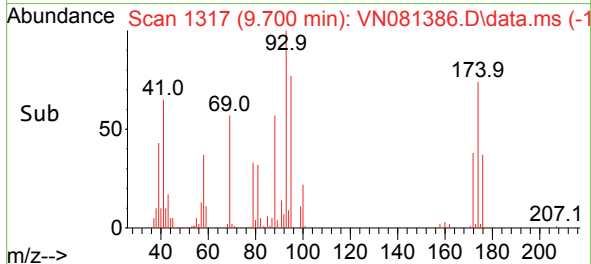
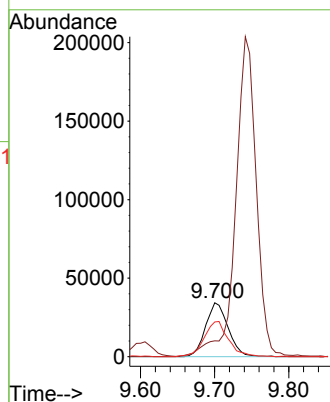
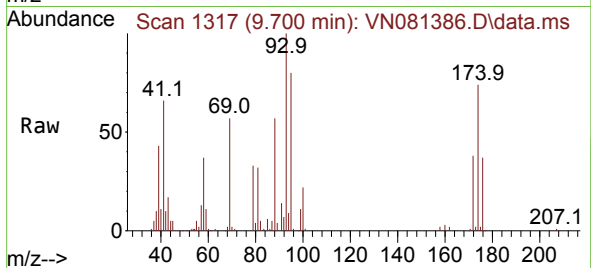
Tgt Ion: 88 Resp: 72562

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 70.2 63.9 95.9



#50

Toluene-d8

Concen: 51.984 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081386.D

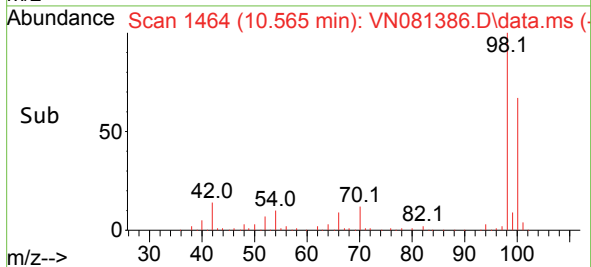
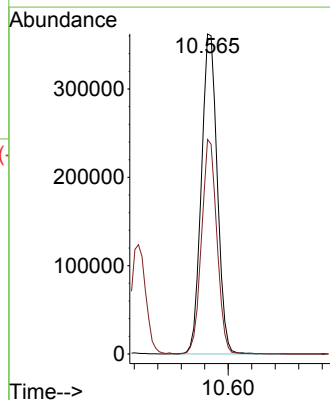
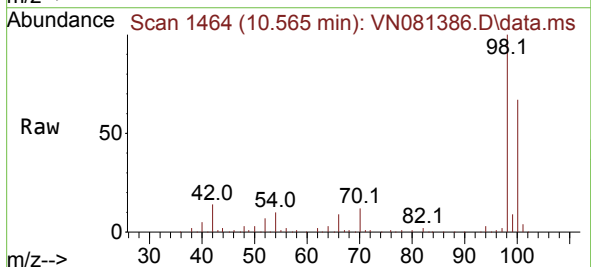
Acq: 13 Mar 2024 10:48

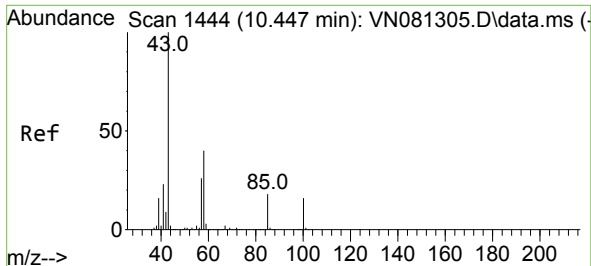
Tgt Ion: 98 Resp: 677428

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

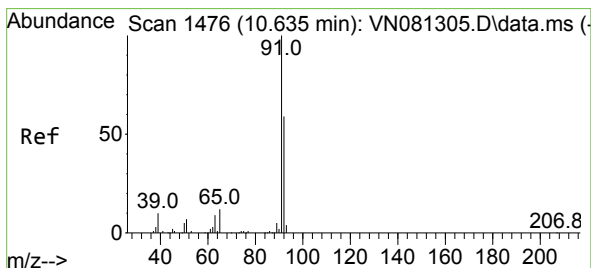
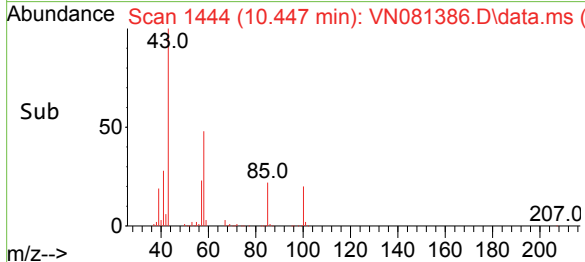
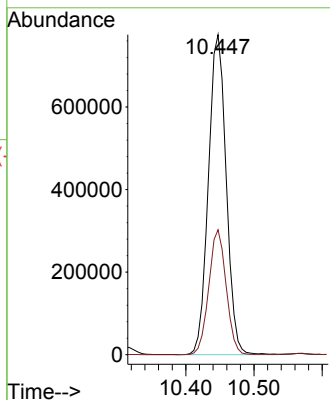
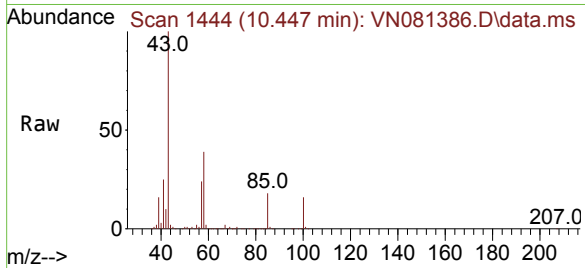




#51
4-Methyl-2-Pentanone
Concen: 252.071 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

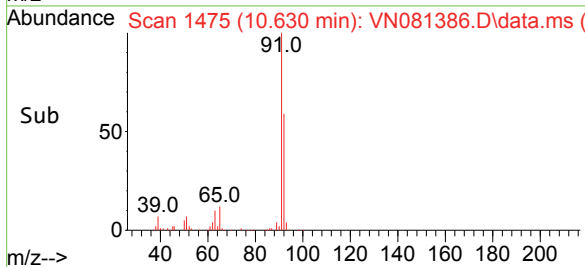
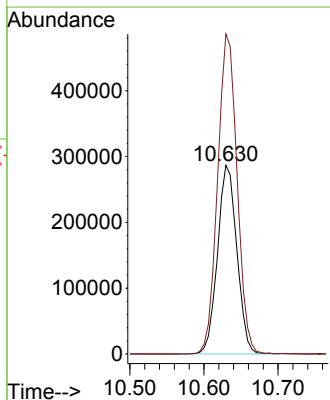
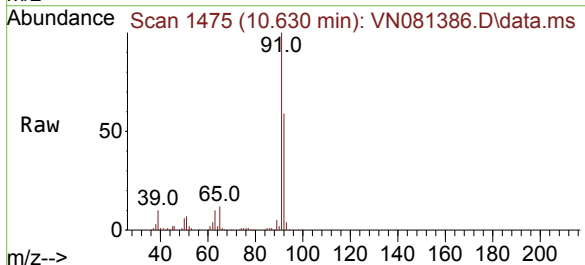
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

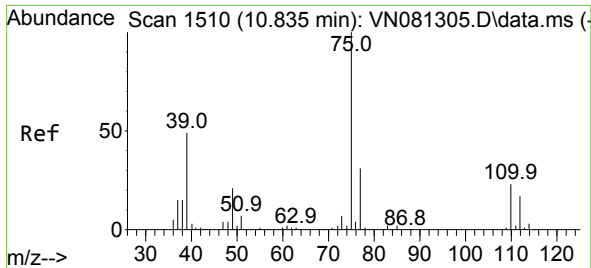
Tgt Ion: 43 Resp: 1408393
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.0



#52
Toluene
Concen: 51.178 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 92 Resp: 518977
Ion Ratio Lower Upper
92 100
91 171.2 139.4 209.0

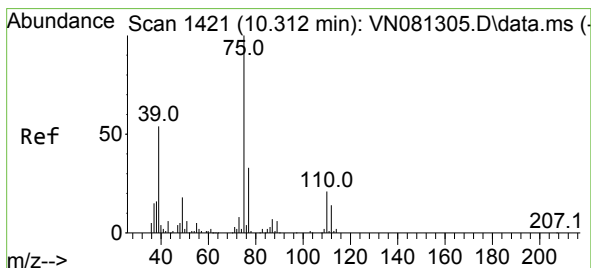
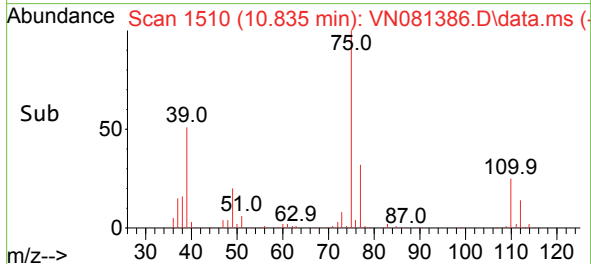
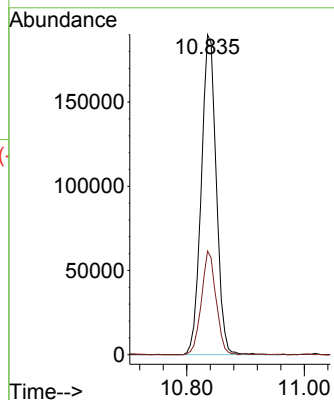
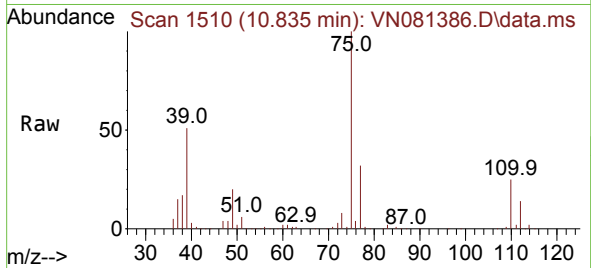




#53
 t-1,3-Dichloropropene
 Concen: 53.903 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

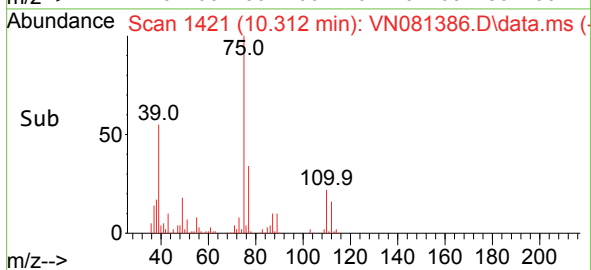
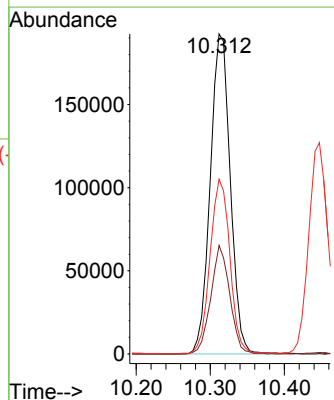
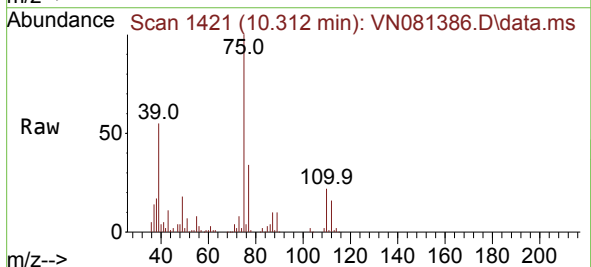
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

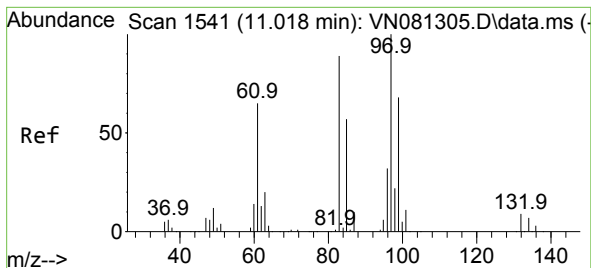
Tgt Ion: 75 Resp: 336545
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.607 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

Tgt Ion: 75 Resp: 361309
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.3 34.9
 39 54.5 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 52.263 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 210166

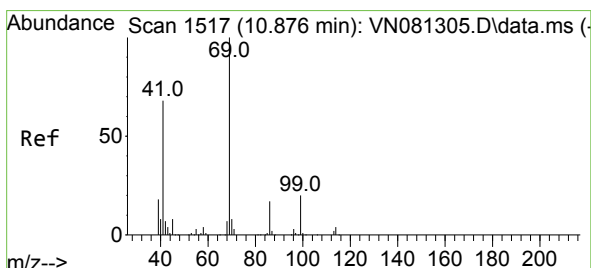
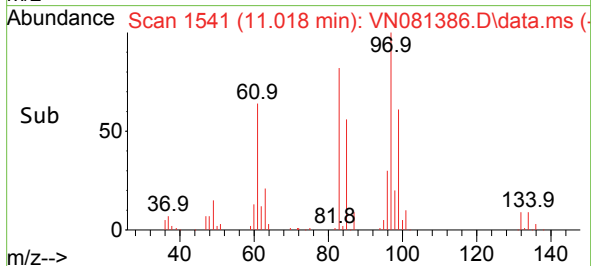
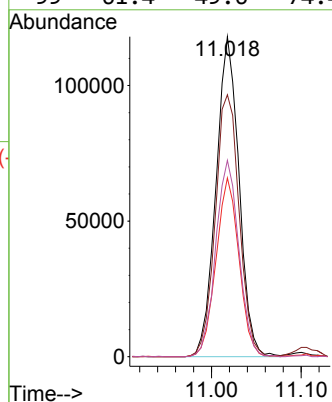
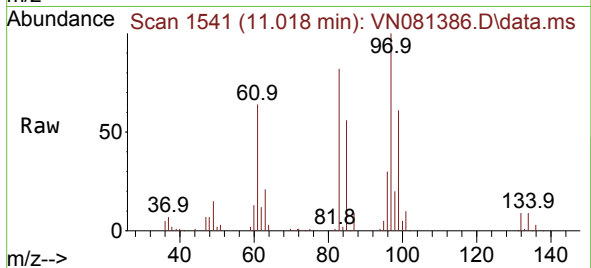
Ion Ratio Lower Upper

97 100

83 81.9 72.9 109.3

85 55.8 50.2 75.2

99 61.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 54.672 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

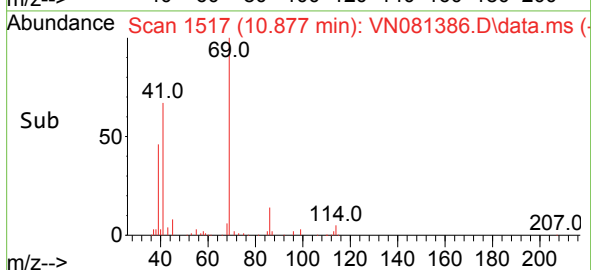
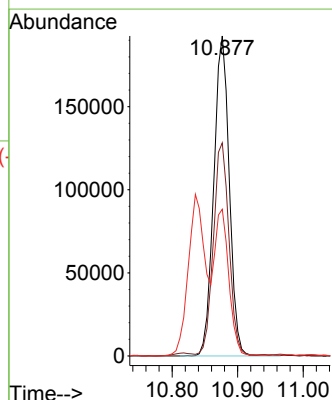
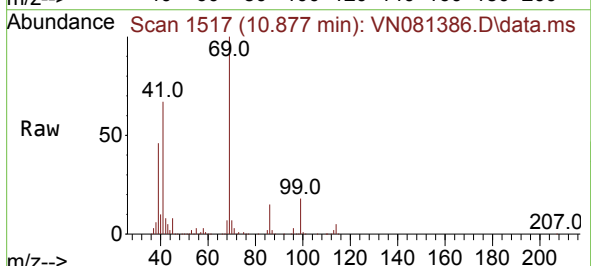
Tgt Ion: 69 Resp: 315694

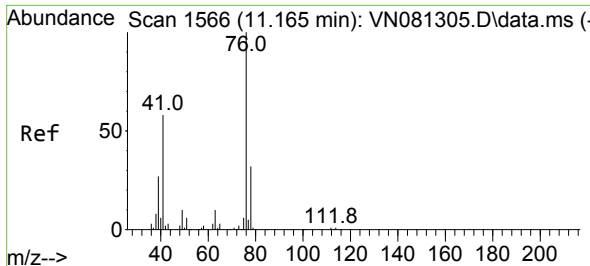
Ion Ratio Lower Upper

69 100

41 66.9 61.0 91.6

39 41.2 31.8 47.6





#57

1,3-Dichloropropane

Concen: 51.877 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

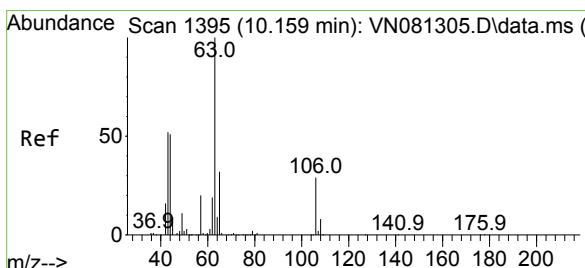
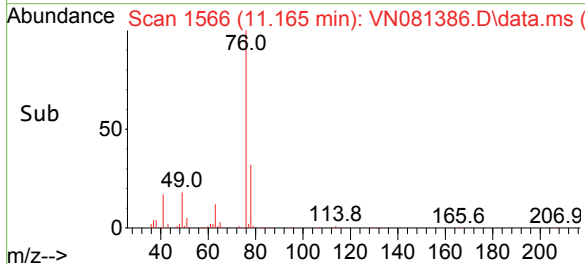
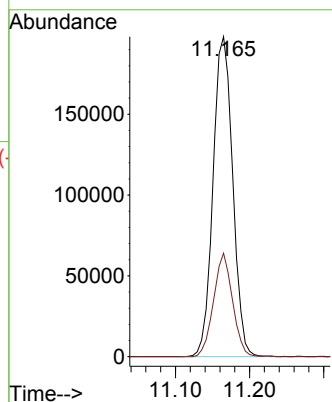
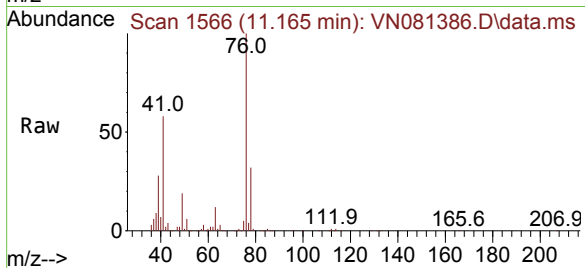
VSTDCCC050

Tgt Ion: 76 Resp: 364092

Ion Ratio Lower Upper

76 100

78 31.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 272.327 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081386.D

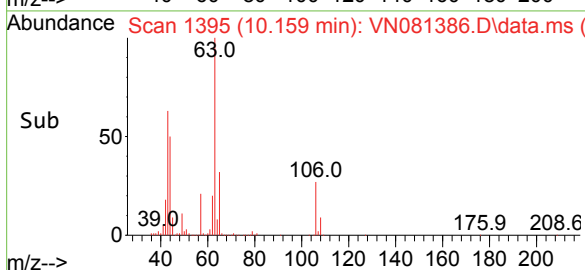
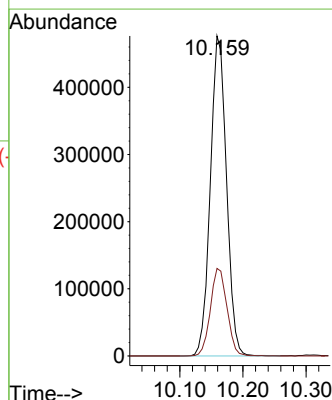
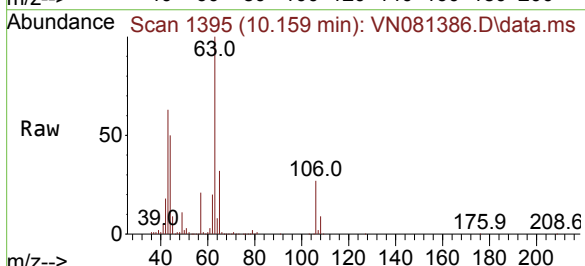
Acq: 13 Mar 2024 10:48

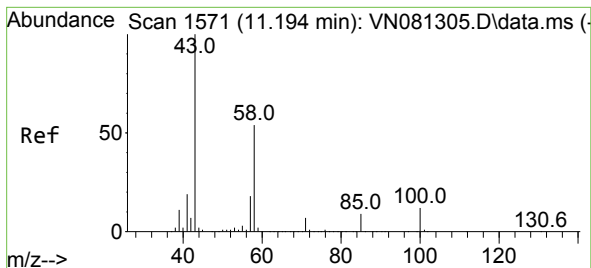
Tgt Ion: 63 Resp: 845873

Ion Ratio Lower Upper

63 100

106 28.0 18.6 28.0#

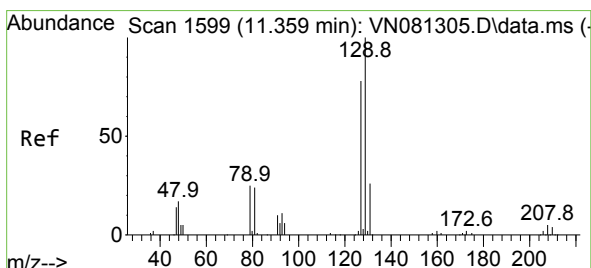
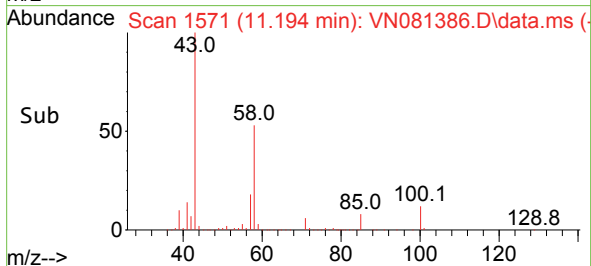
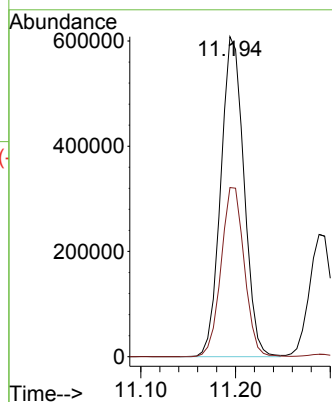
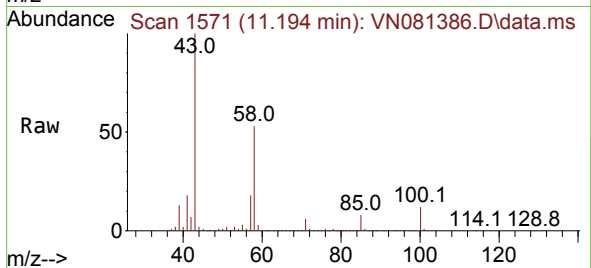




#59
2-Hexanone
Concen: 247.660 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

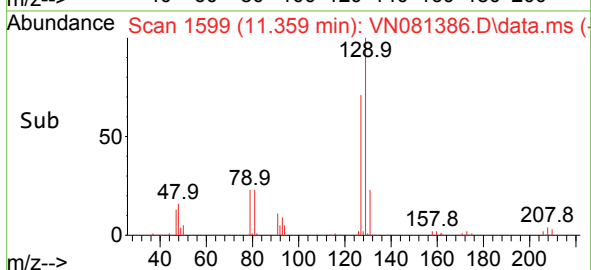
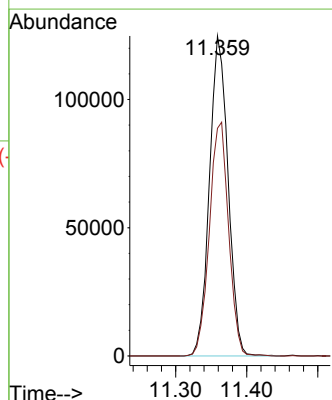
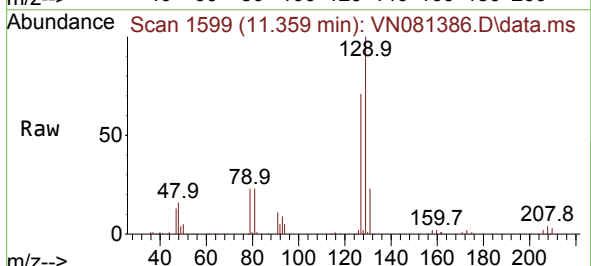
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

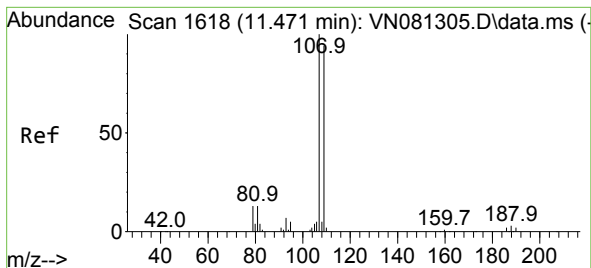
Tgt Ion: 43 Resp: 1034472
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 54.814 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 129 Resp: 227009
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.2





#61

1,2-Dibromoethane

Concen: 51.170 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

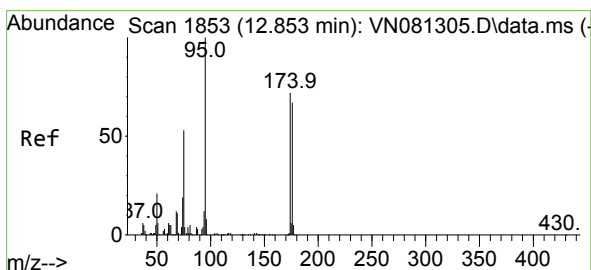
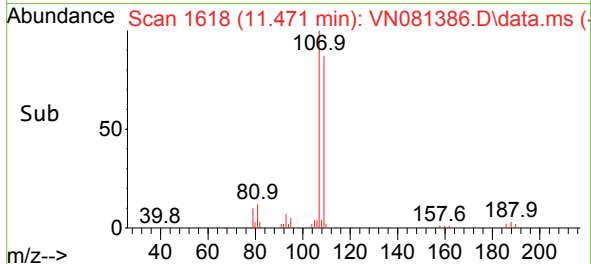
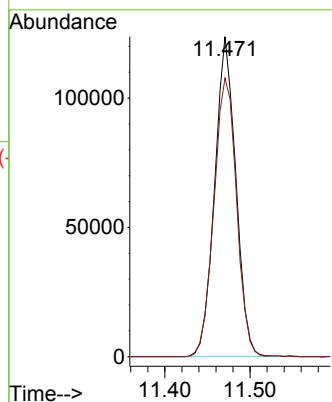
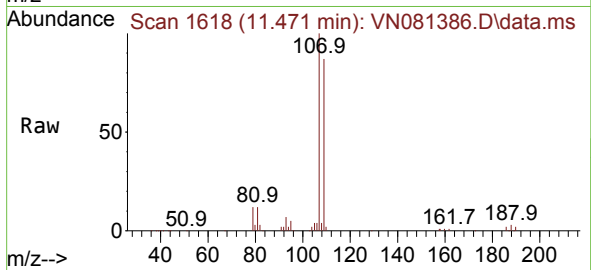
VSTDCCC050

Tgt Ion:107 Resp: 213506

Ion Ratio Lower Upper

107 100

109 93.2 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 51.082 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

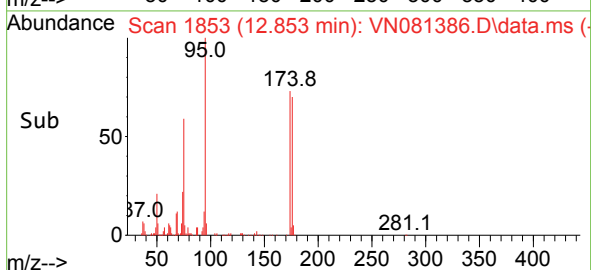
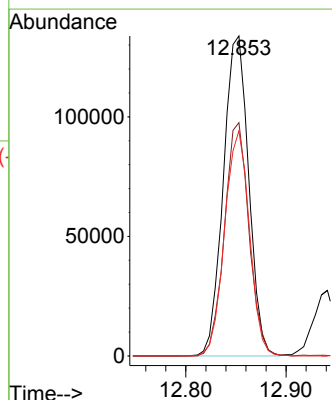
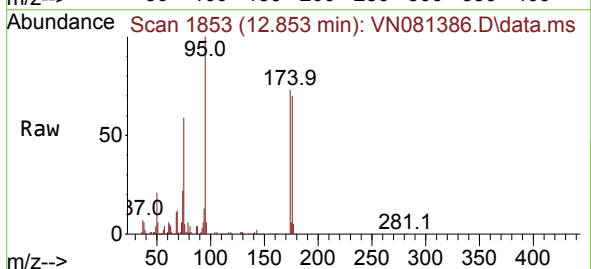
Tgt Ion: 95 Resp: 235277

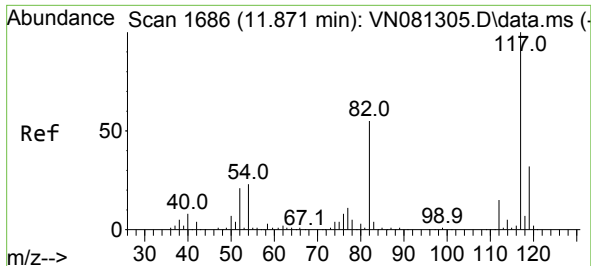
Ion Ratio Lower Upper

95 100

174 70.8 0.0 120.4

176 68.7 0.0 121.0

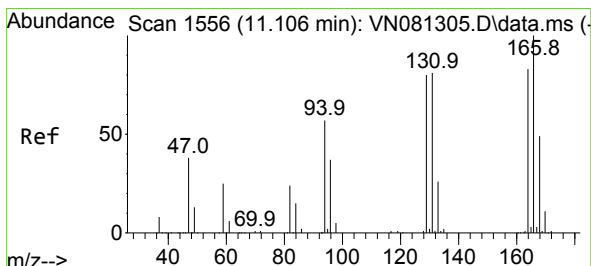
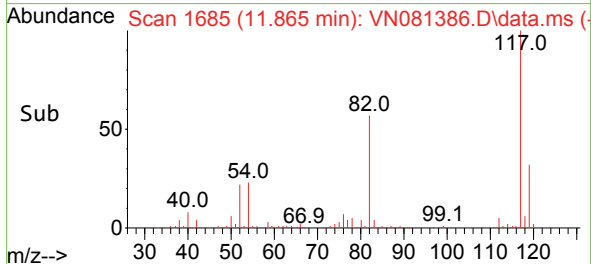
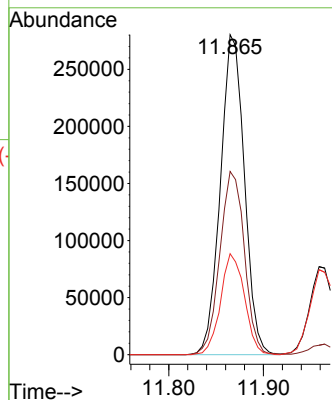
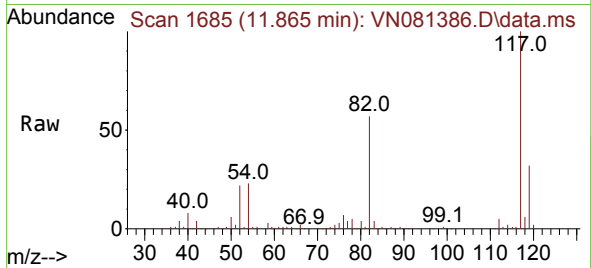




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

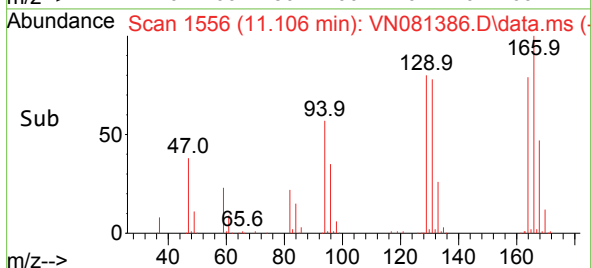
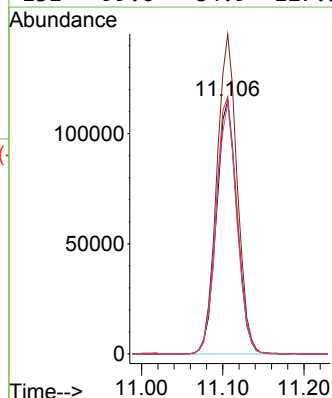
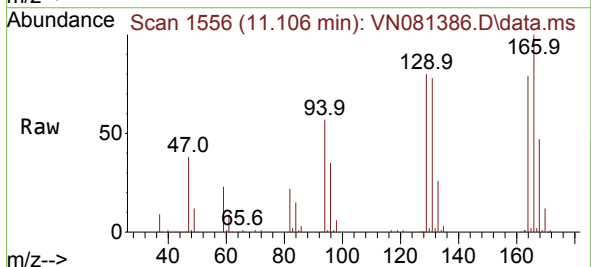
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

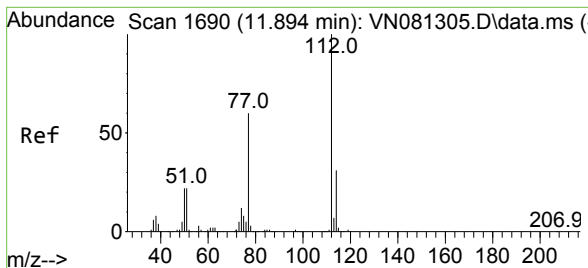
Tgt Ion:117 Resp: 493562
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 52.664 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:164 Resp: 203525
Ion Ratio Lower Upper
164 100
166 126.2 105.8 158.6
129 101.5 89.6 134.4
131 99.0 84.9 127.3

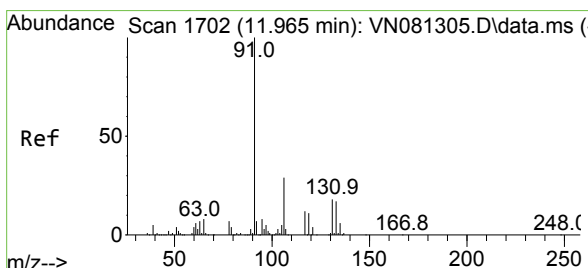
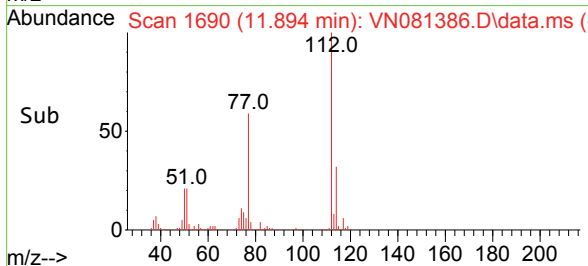
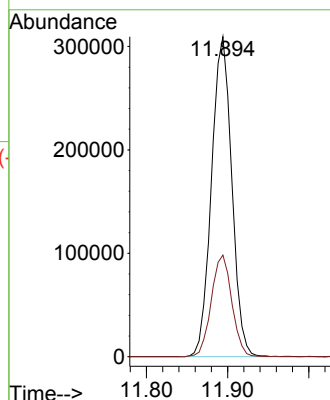
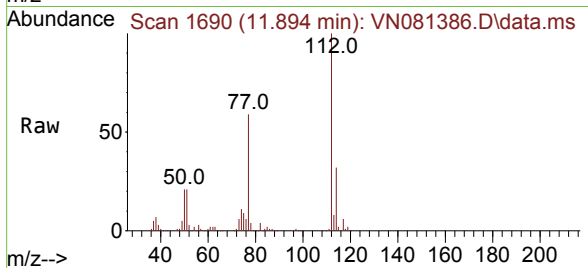




#65
Chlorobenzene
Concen: 51.595 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

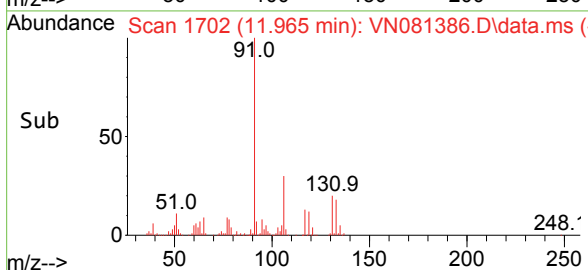
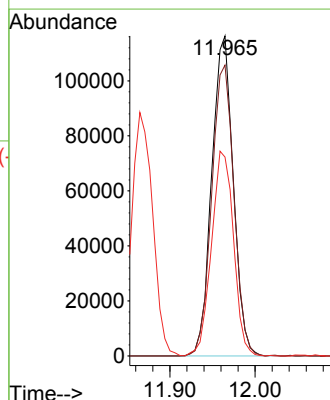
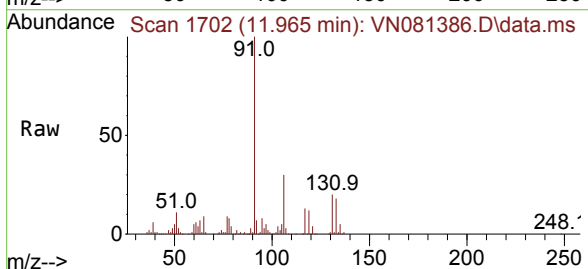
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

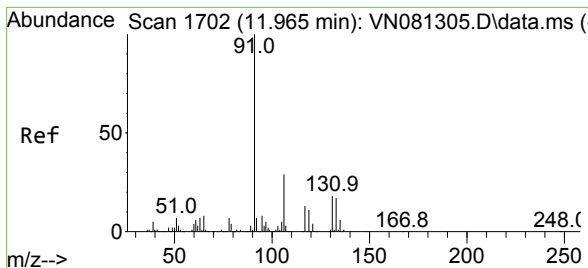
Tgt Ion:112 Resp: 536624
Ion Ratio Lower Upper
112 100
114 31.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.677 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:131 Resp: 204287
Ion Ratio Lower Upper
131 100
133 93.7 46.8 140.3
119 65.5 34.6 103.9

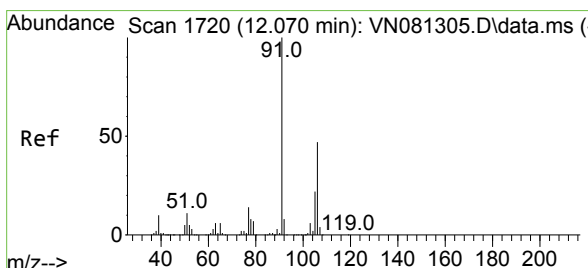
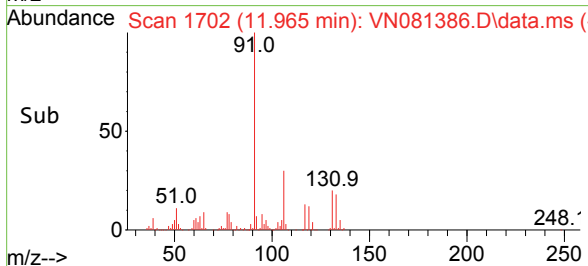
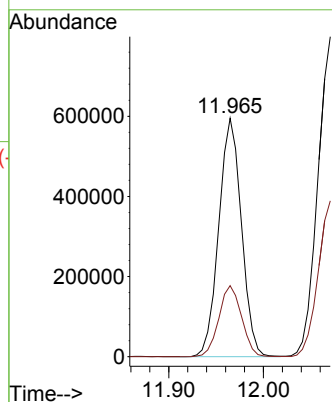
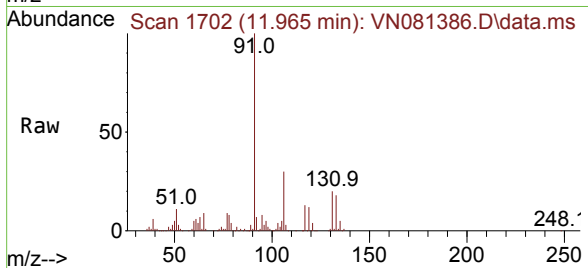




#67
Ethyl Benzene
Concen: 52.770 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

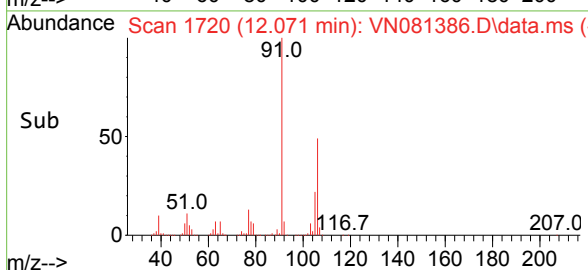
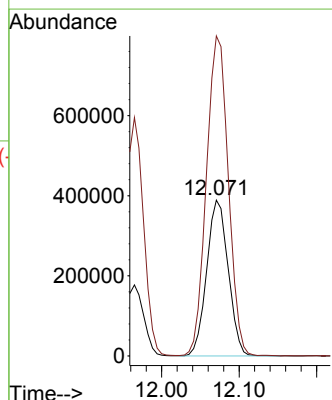
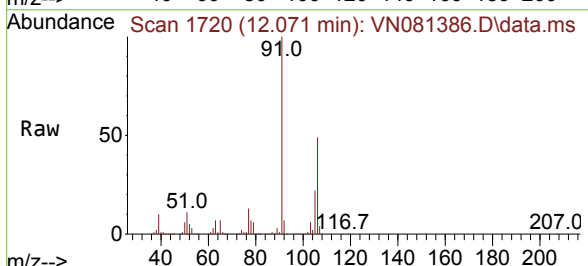
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

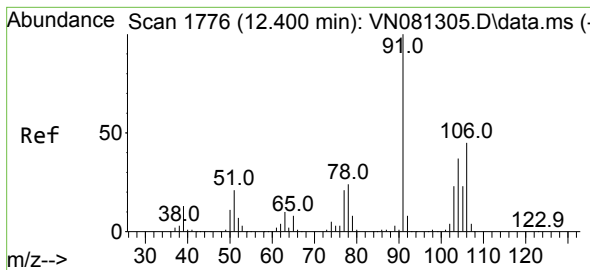
Tgt Ion: 91 Resp: 988652
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 106.451 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 106 Resp: 750568
Ion Ratio Lower Upper
106 100
91 208.7 169.0 253.6

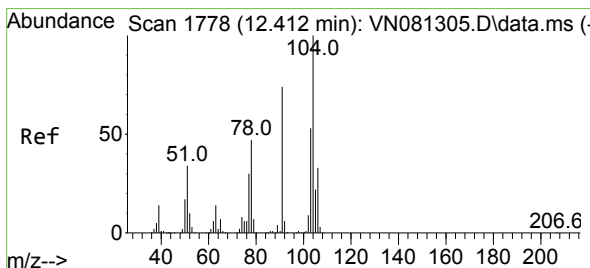
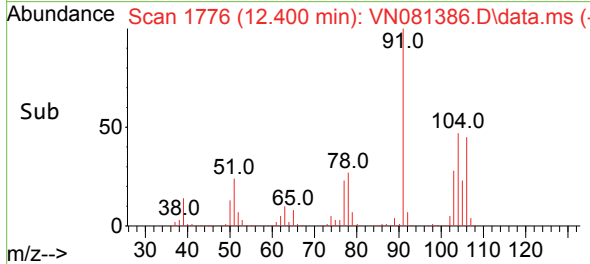
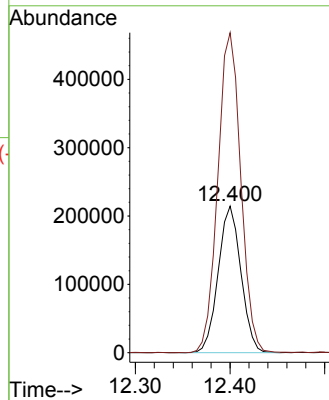
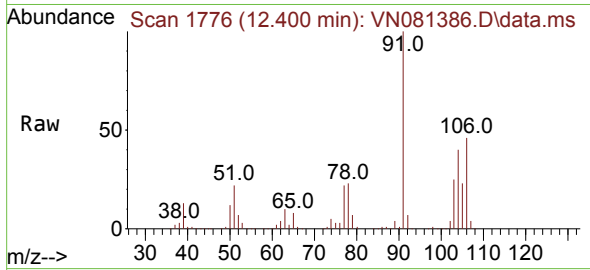




#69
o-Xylene
Concen: 52.340 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

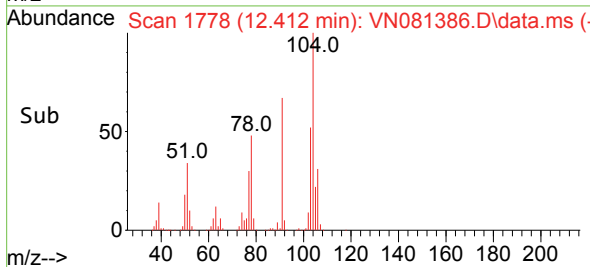
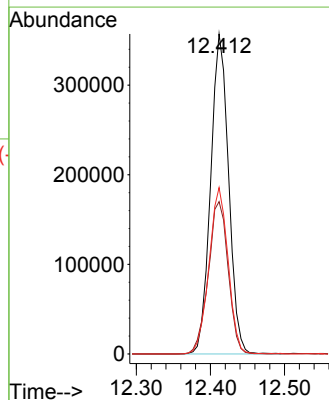
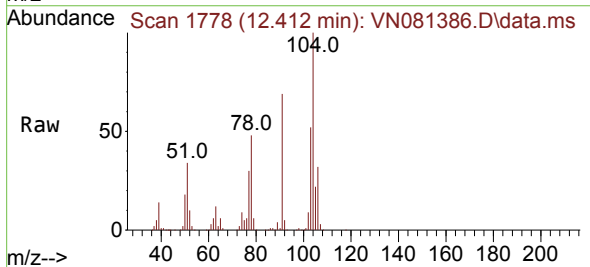
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

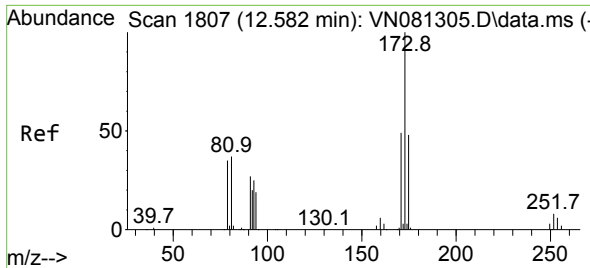
Tgt Ion:106 Resp: 357655
Ion Ratio Lower Upper
106 100
91 221.1 112.1 336.3



#70
Styrene
Concen: 55.623 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:104 Resp: 602334
Ion Ratio Lower Upper
104 100
78 52.6 43.8 65.8
103 55.1 44.2 66.2

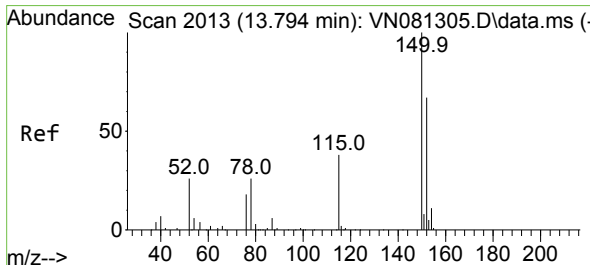
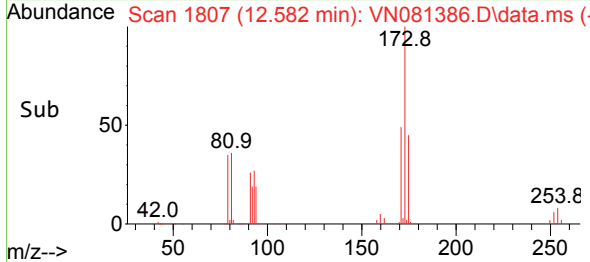
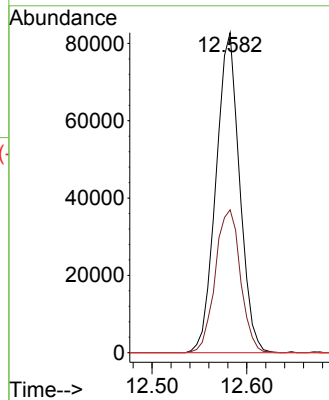
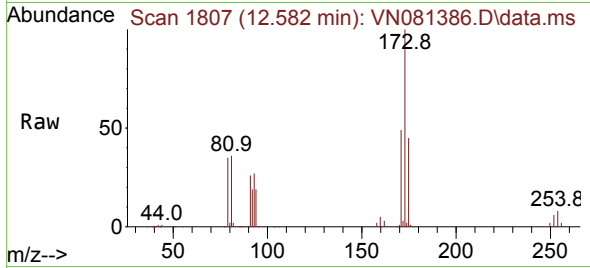




#71
Bromoform
Concen: 54.270 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

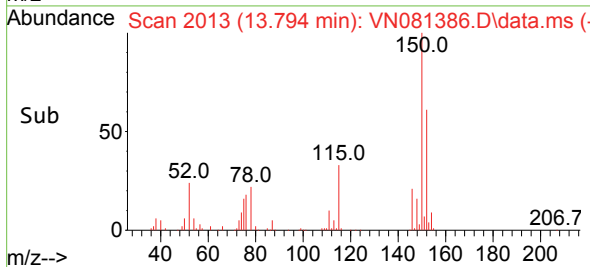
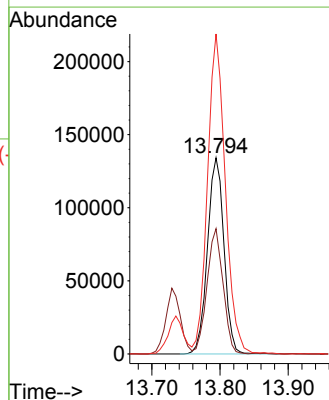
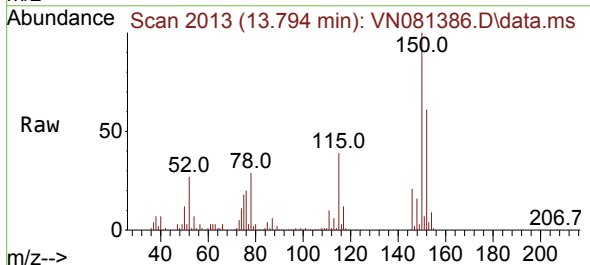
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

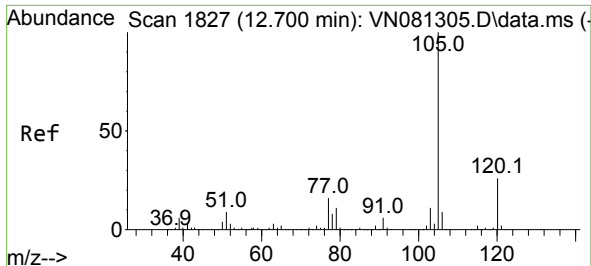
Tgt Ion:173 Resp: 143393
Ion Ratio Lower Upper
173 100
175 47.7 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:152 Resp: 226058
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 175.9 0.0 339.8

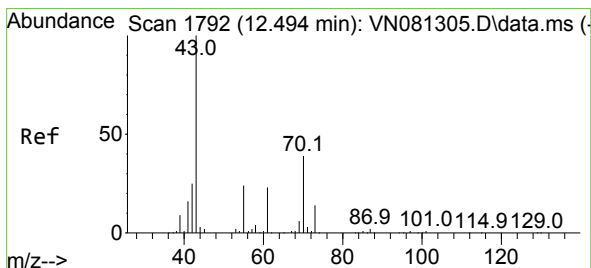
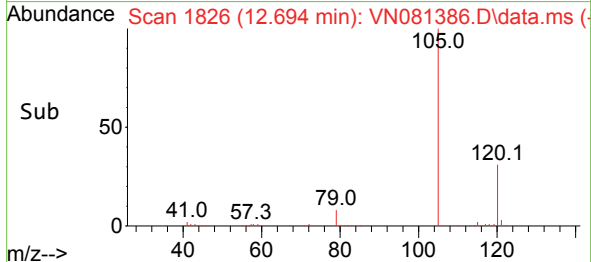
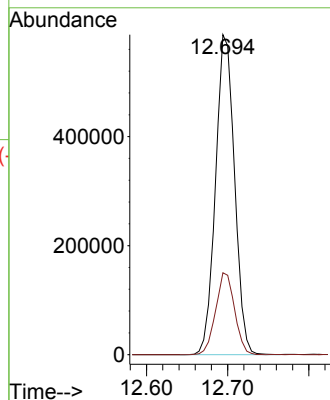
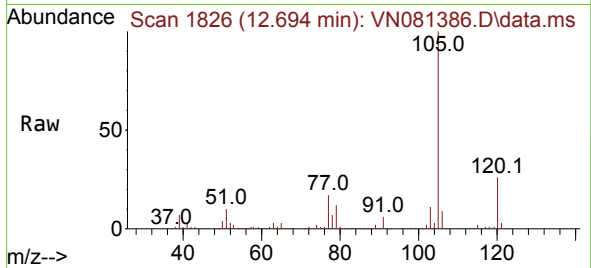




#73
Isopropylbenzene
Concen: 52.371 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

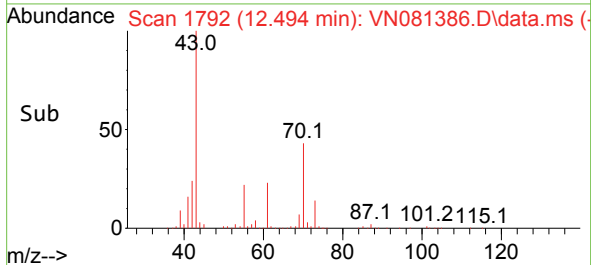
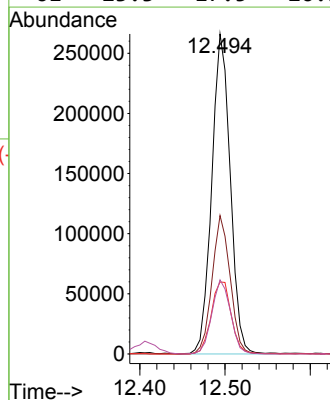
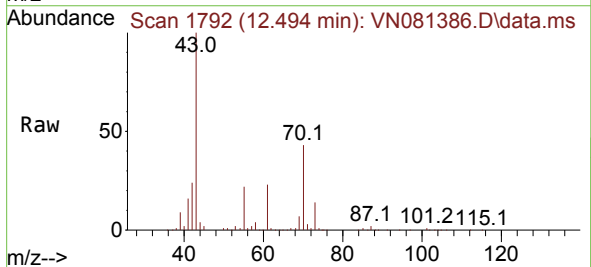
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

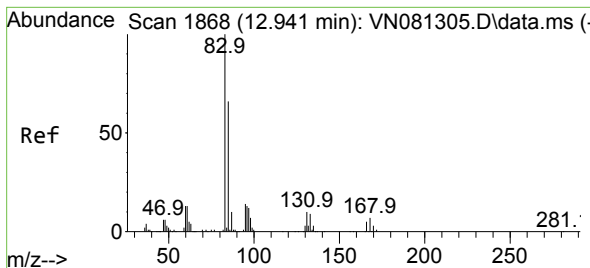
Tgt Ion:105 Resp: 955980
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6



#74
N-ethyl acetate
Concen: 52.470 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 43 Resp: 401878
Ion Ratio Lower Upper
43 100
70 42.2 30.1 45.1
55 24.5 17.0 25.4
61 23.3 17.5 26.3

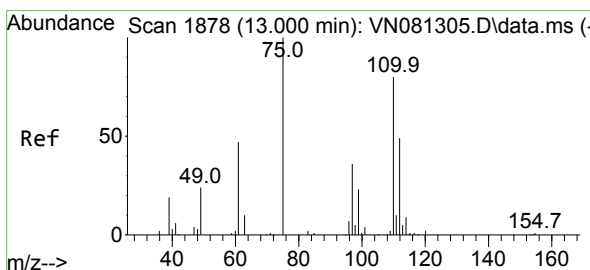
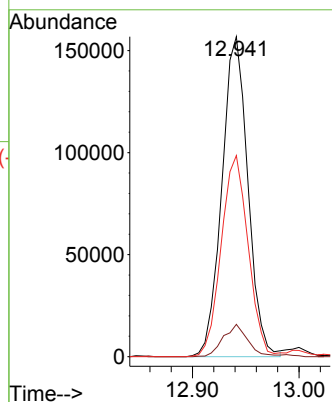
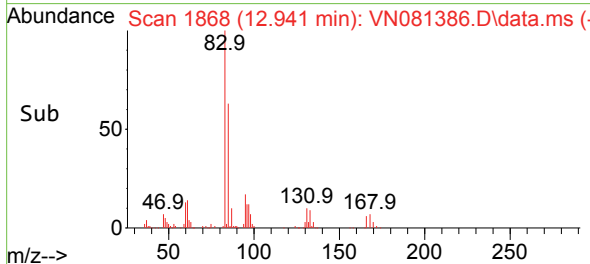
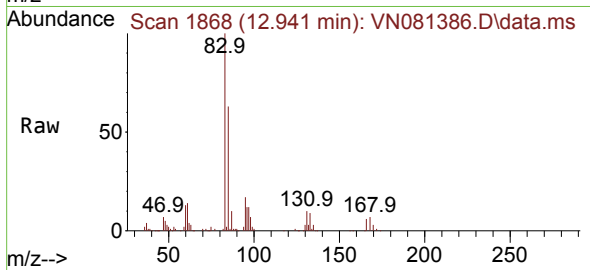




#75
1,1,2,2-Tetrachloroethane
Concen: 47.219 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

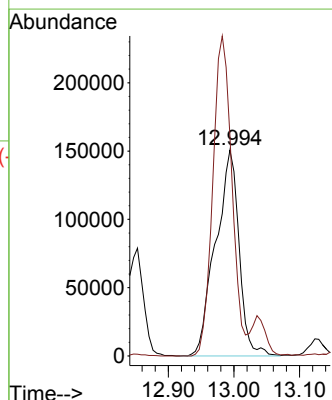
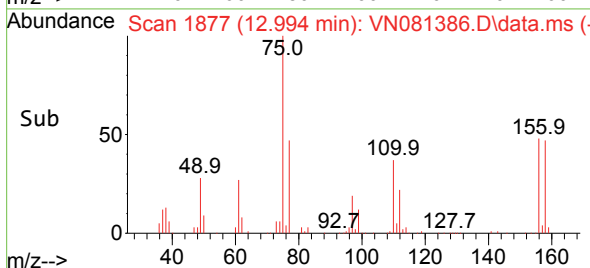
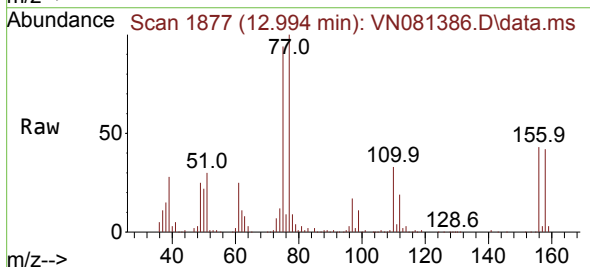
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

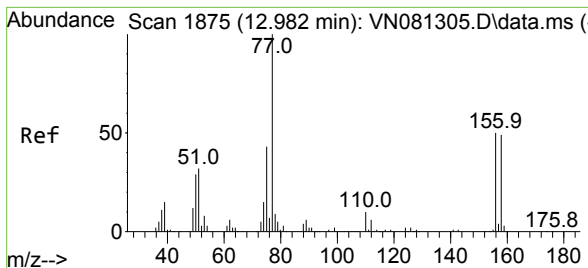
Tgt Ion: 83 Resp: 266004
Ion Ratio Lower Upper
83 100
131 9.8 4.1 12.3
85 64.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 69.940 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 75 Resp: 373439
Ion Ratio Lower Upper
75 100
77 126.4 91.0 272.8





#77

Bromobenzene

Concen: 48.950 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

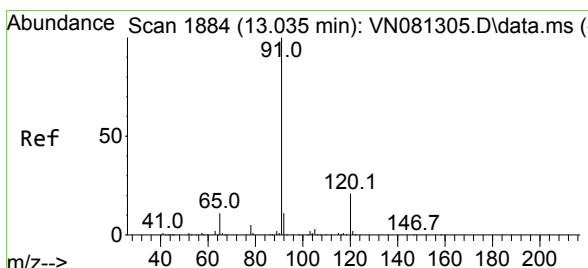
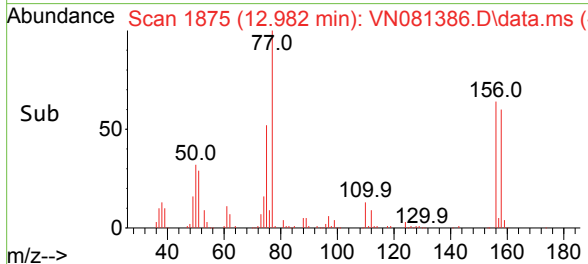
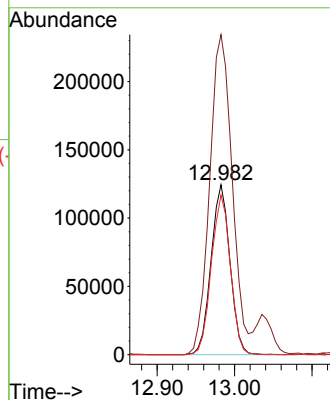
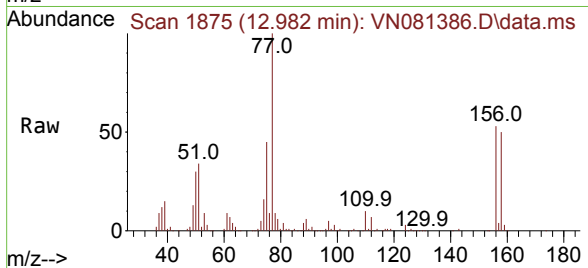
Tgt Ion:156 Resp: 211856

Ion Ratio Lower Upper

156 100

77 222.9 138.1 414.3

158 94.1 46.5 139.5



#78

n-propylbenzene

Concen: 53.402 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081386.D

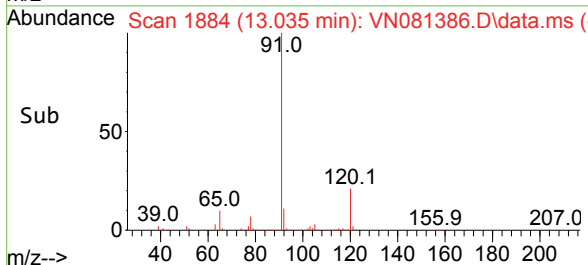
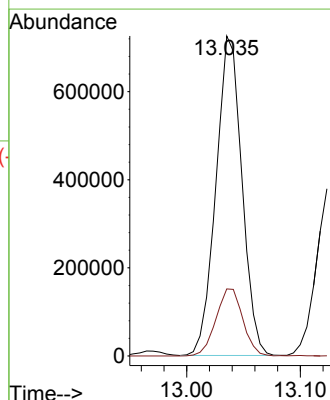
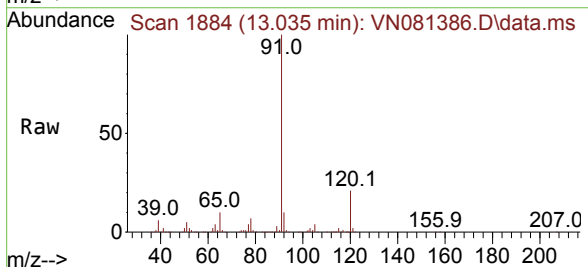
Acq: 13 Mar 2024 10:48

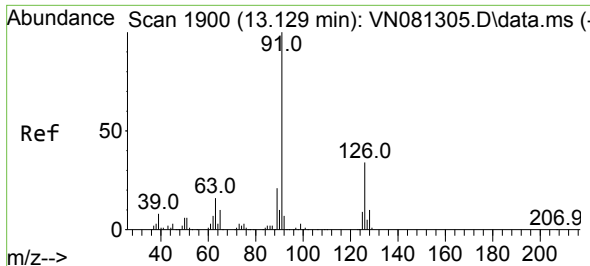
Tgt Ion: 91 Resp: 1152976

Ion Ratio Lower Upper

91 100

120 21.7 10.3 30.9

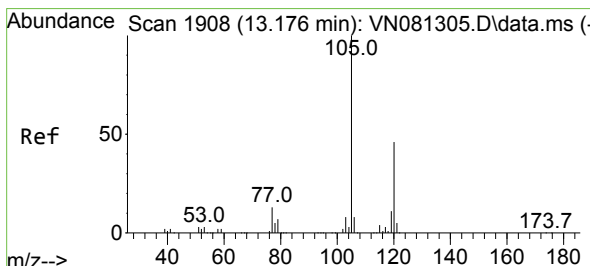
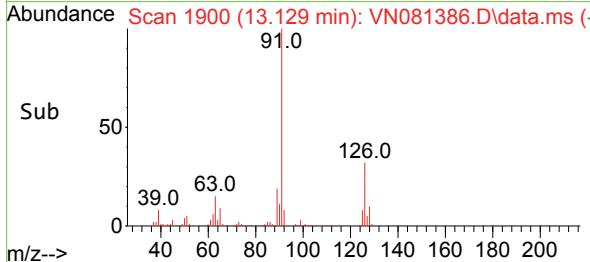
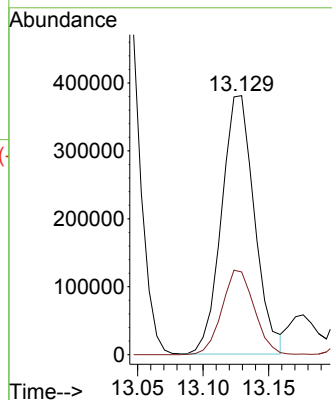
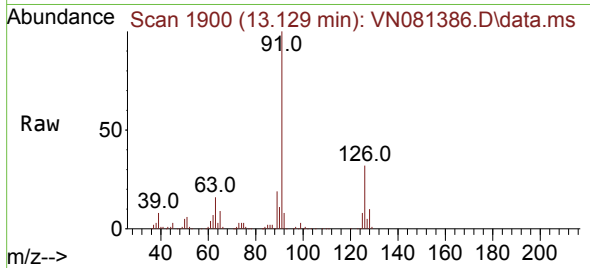




#79
2-Chlorotoluene
Concen: 50.450 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

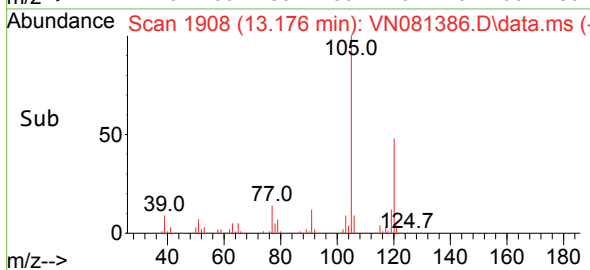
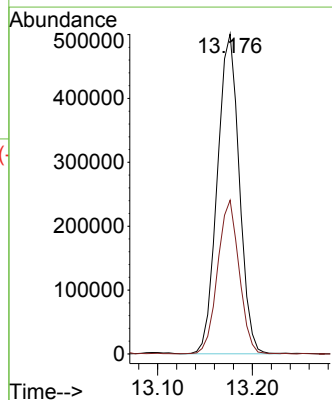
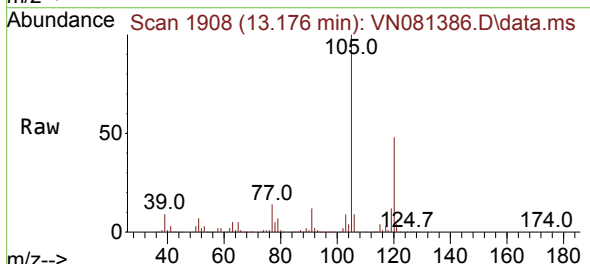
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

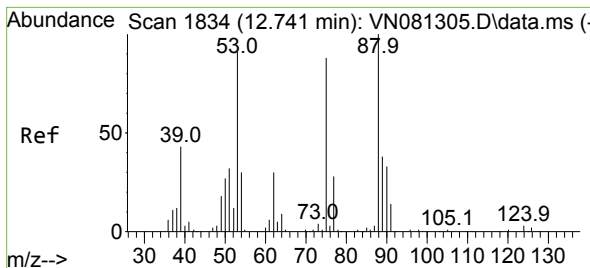
Tgt Ion: 91 Resp: 665798
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 53.362 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 105 Resp: 805208
Ion Ratio Lower Upper
105 100
120 47.2 23.0 69.0

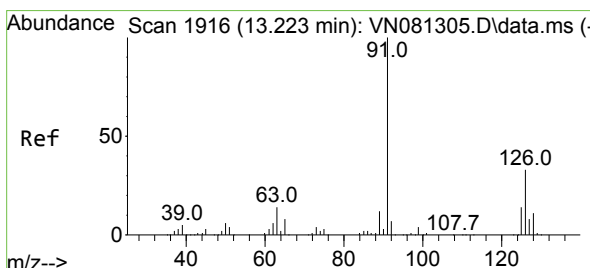
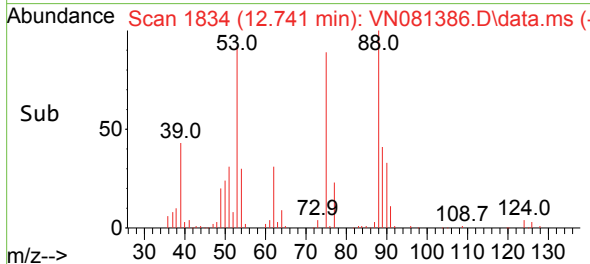
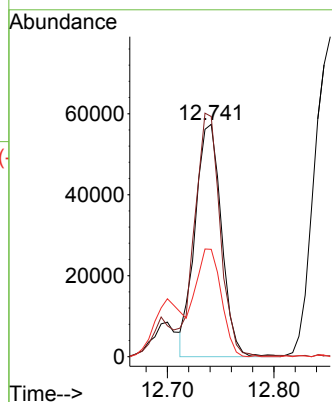
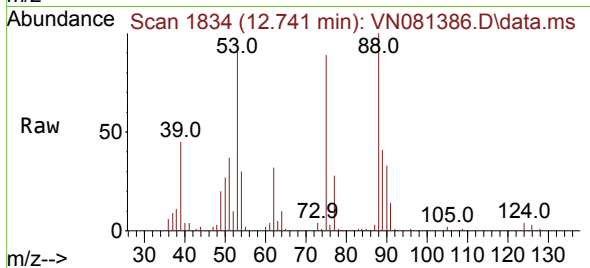




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.696 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

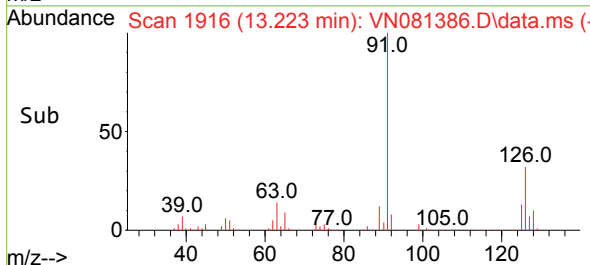
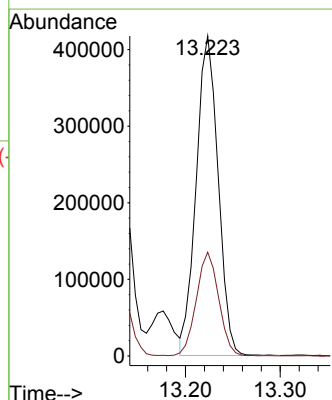
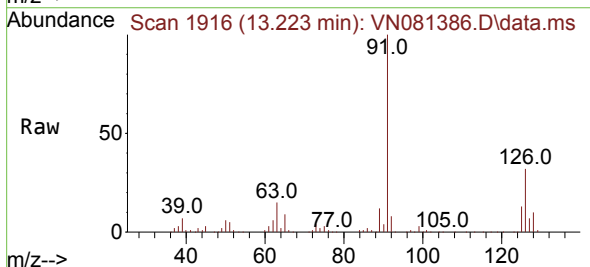
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

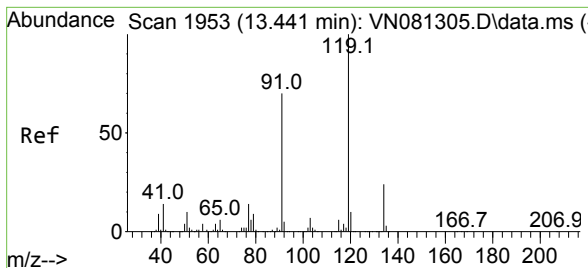
Tgt Ion: 75 Resp: 98905
 Ion Ratio Lower Upper
 75 100
 53 101.2 71.4 107.2
 89 45.1 33.4 50.0



#82
 4-Chlorotoluene
 Concen: 51.368 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

Tgt Ion: 91 Resp: 669591
 Ion Ratio Lower Upper
 91 100
 126 33.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 51.647 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

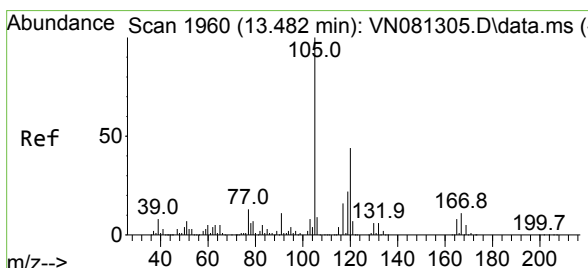
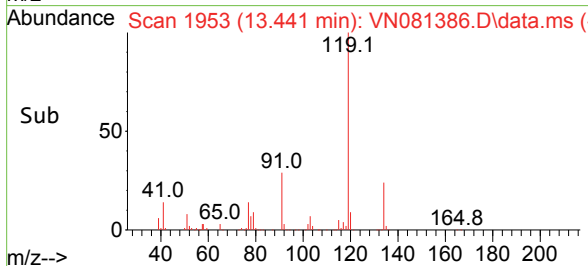
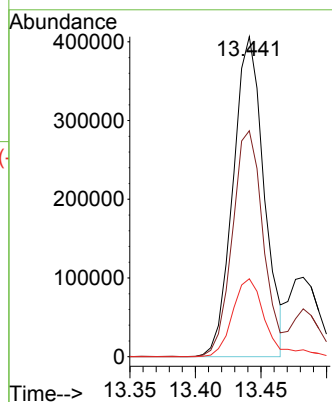
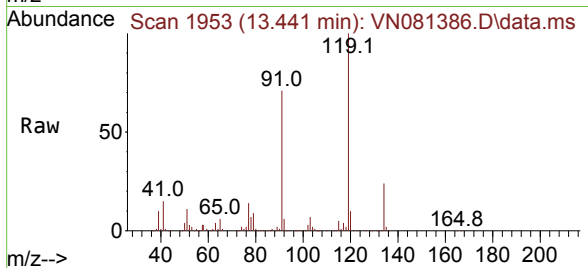
Tgt Ion:119 Resp: 668127

Ion Ratio Lower Upper

119 100

91 71.6 36.8 110.4

134 26.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 53.273 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081386.D

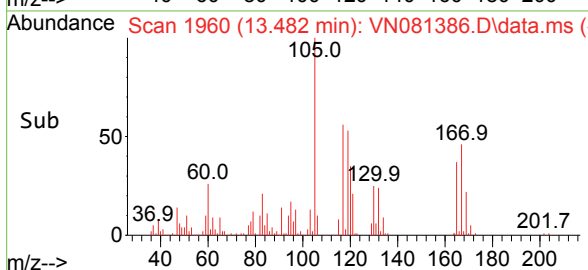
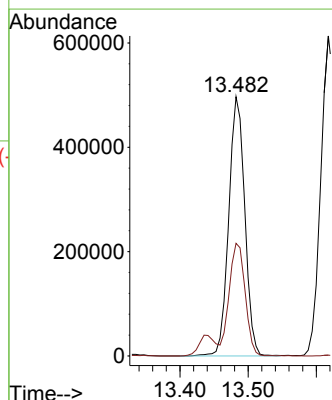
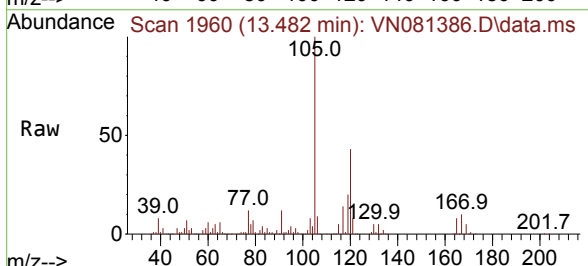
Acq: 13 Mar 2024 10:48

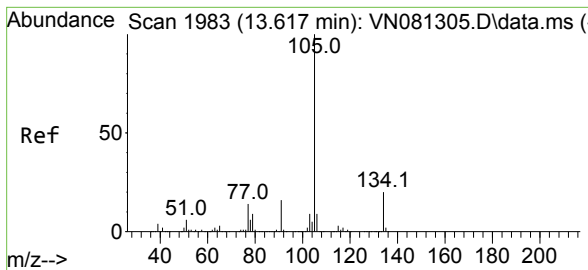
Tgt Ion:105 Resp: 814438

Ion Ratio Lower Upper

105 100

120 43.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 52.198 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

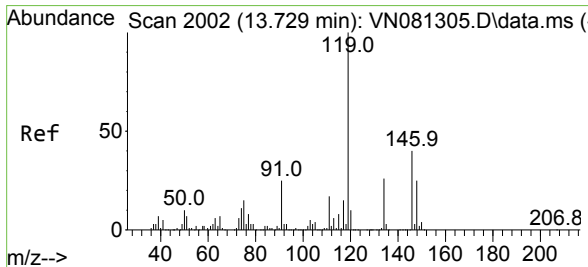
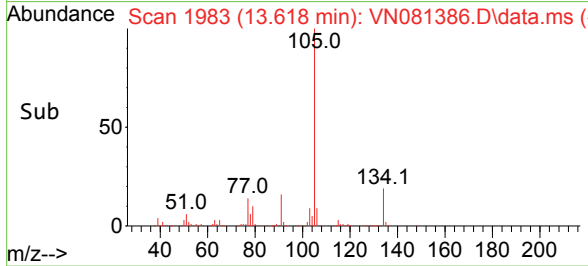
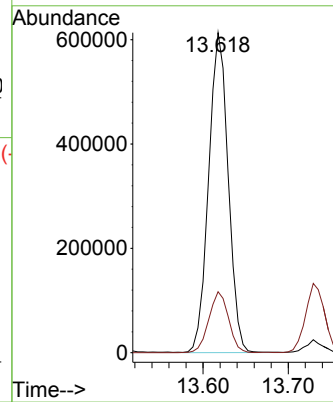
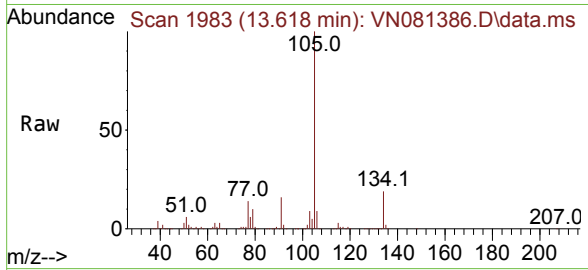
VSTDCCC050

Tgt Ion:105 Resp: 976889

Ion Ratio Lower Upper

105 100

134 19.2 8.6 25.8



#86

p-Isopropyltoluene

Concen: 54.926 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

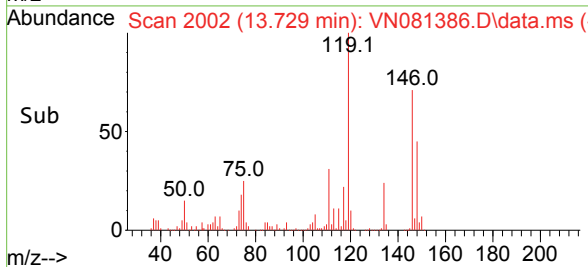
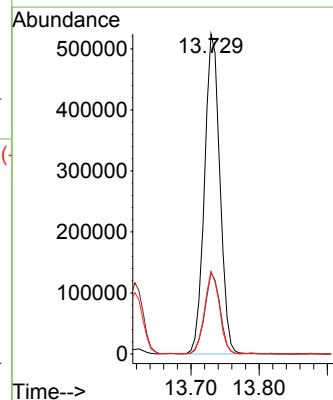
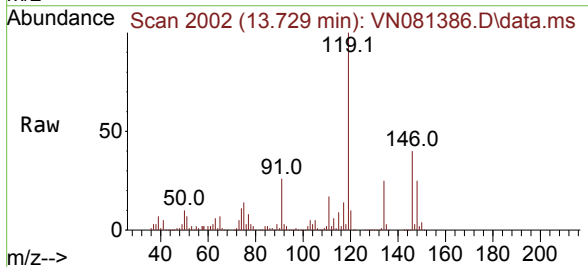
Tgt Ion:119 Resp: 824360

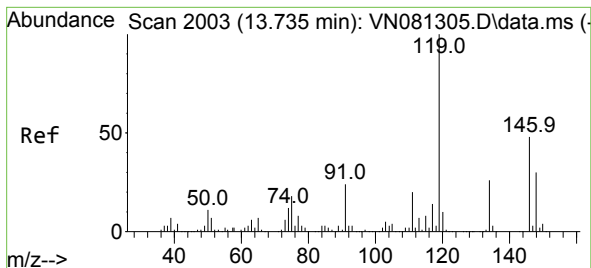
Ion Ratio Lower Upper

119 100

134 24.8 12.4 37.2

91 24.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 48.869 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

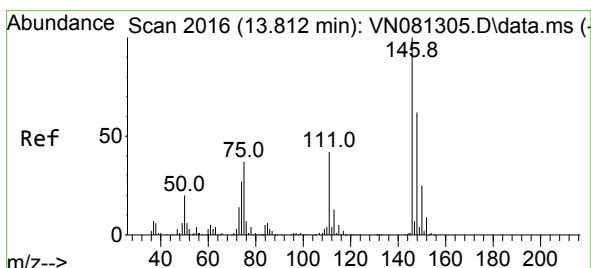
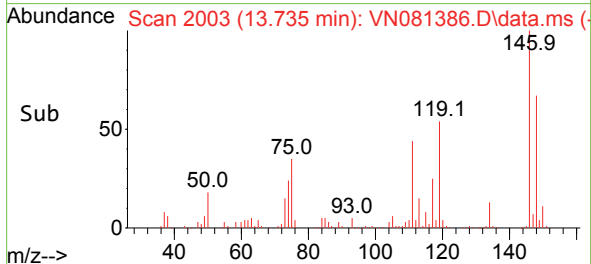
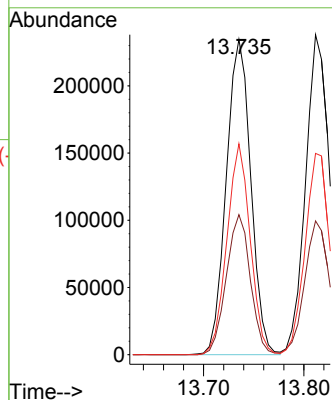
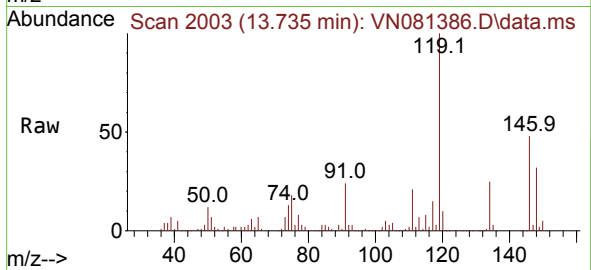
Tgt Ion:146 Resp: 399369

Ion Ratio Lower Upper

146 100

111 43.5 23.9 71.7

148 63.5 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 48.658 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081386.D

Acq: 13 Mar 2024 10:48

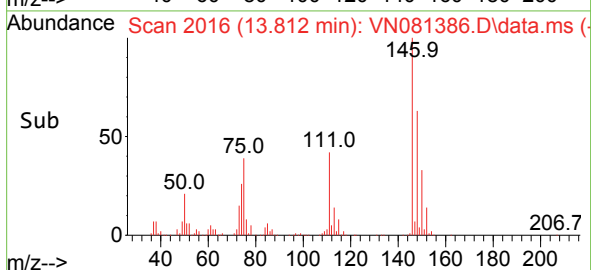
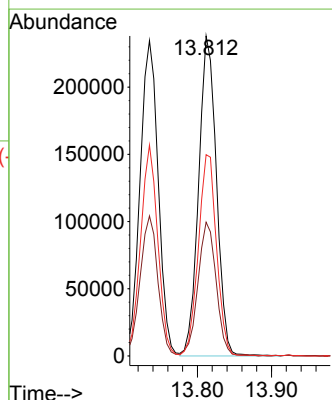
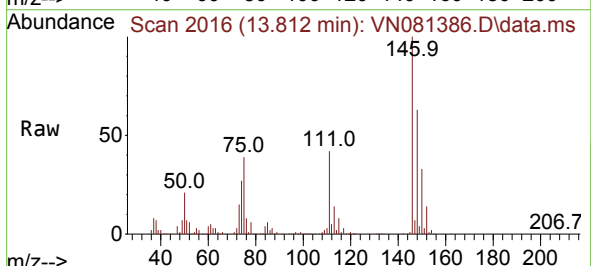
Tgt Ion:146 Resp: 397455

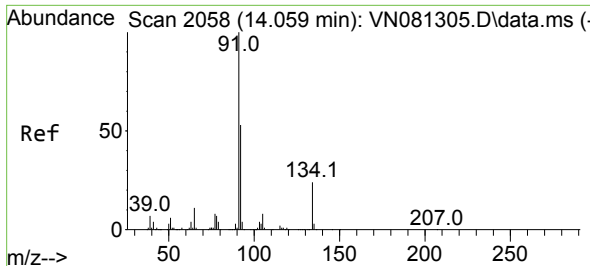
Ion Ratio Lower Upper

146 100

111 43.0 22.6 67.7

148 63.7 31.9 95.5

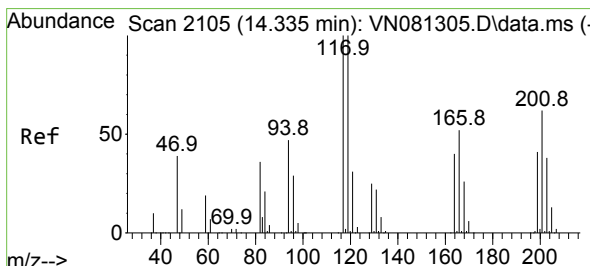
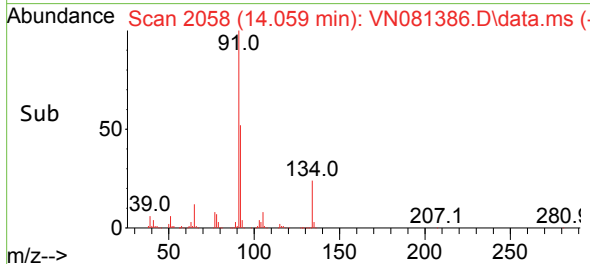
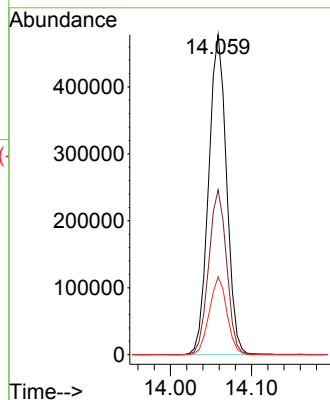
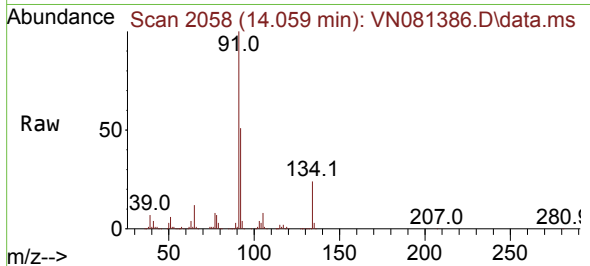




#89
n-Butylbenzene
Concen: 53.230 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

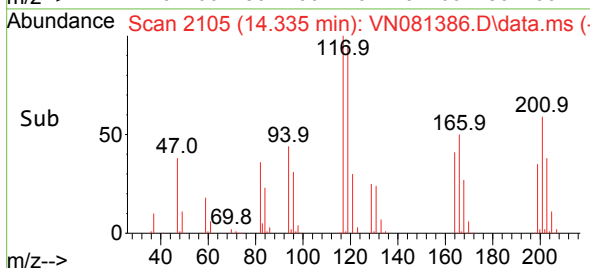
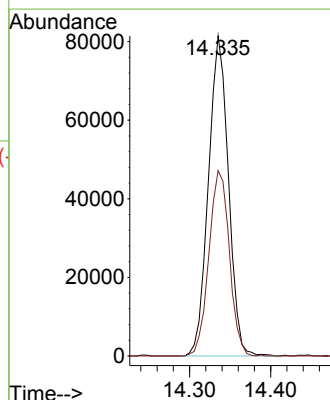
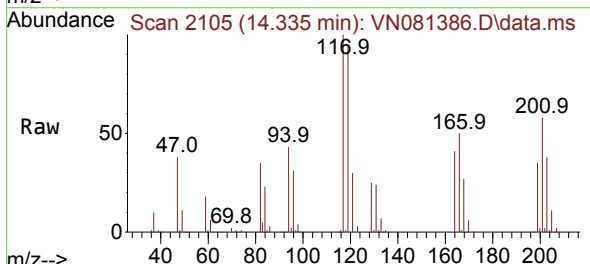
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

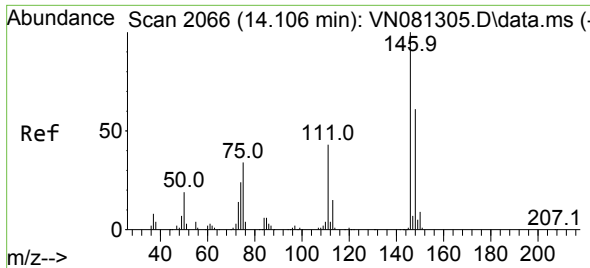
Tgt Ion: 91 Resp: 732644
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 23.9 10.8 32.4



#90
Hexachloroethane
Concen: 53.026 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 117 Resp: 139333
Ion Ratio Lower Upper
117 100
201 59.2 30.0 90.0

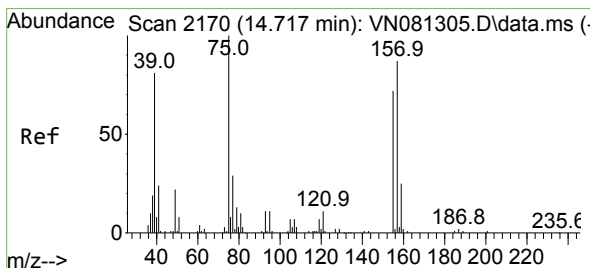
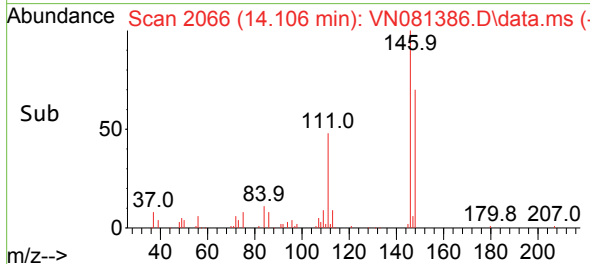
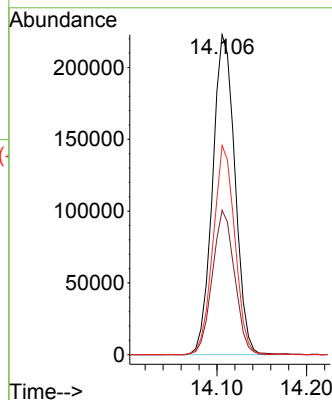
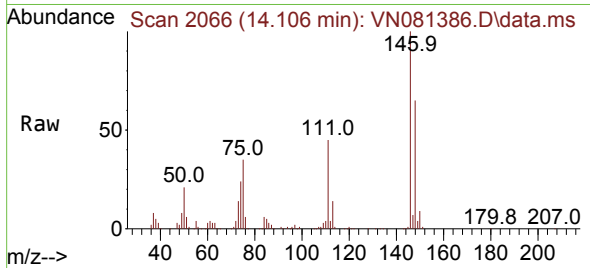




#91
1,2-Dichlorobenzene
Concen: 49.227 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

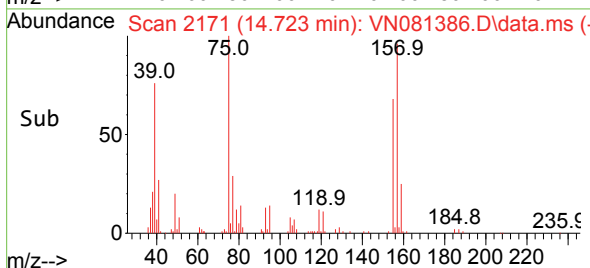
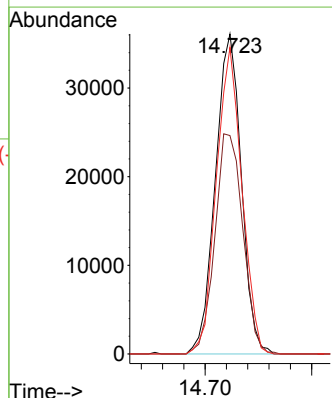
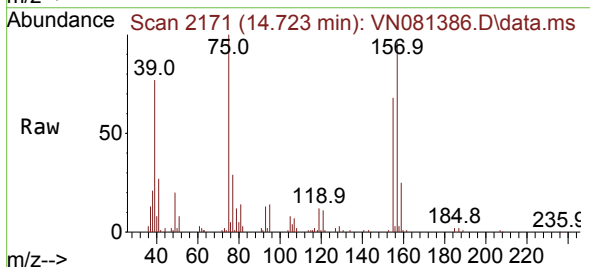
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

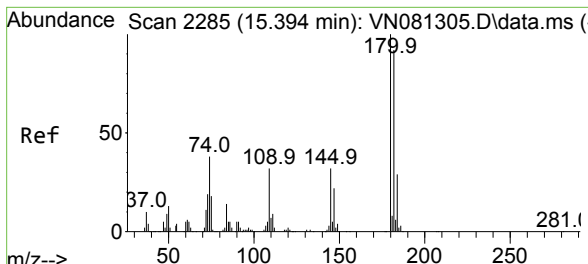
Tgt Ion:146 Resp: 385986
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.8
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.533 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion: 75 Resp: 60918
Ion Ratio Lower Upper
75 100
155 74.3 31.8 95.4
157 94.5 41.1 123.4

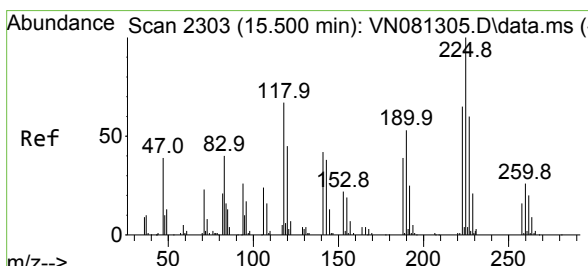
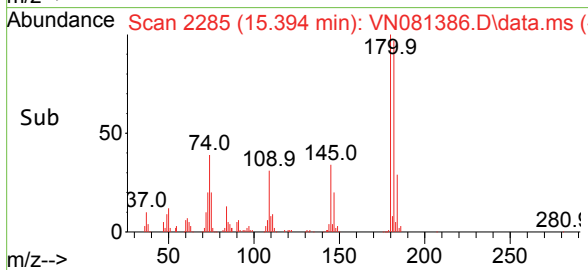
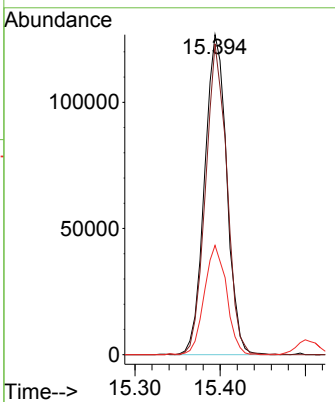
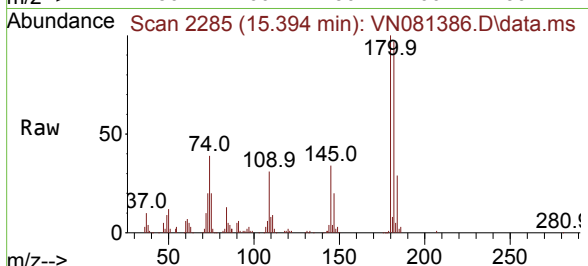




#93
 1,2,4-Trichlorobenzene
 Concen: 54.665 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

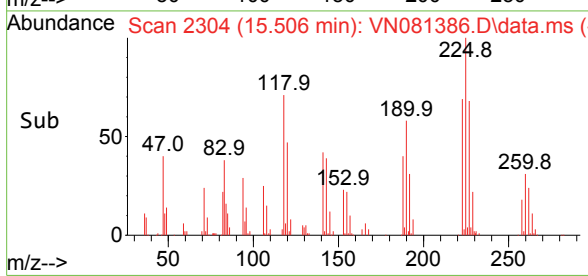
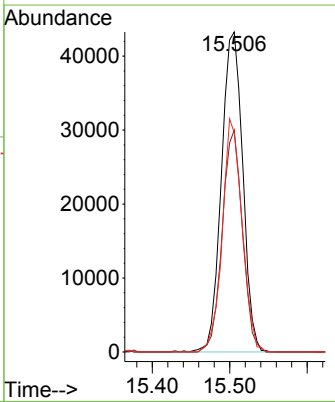
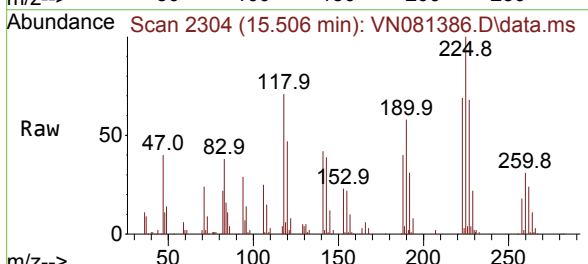
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

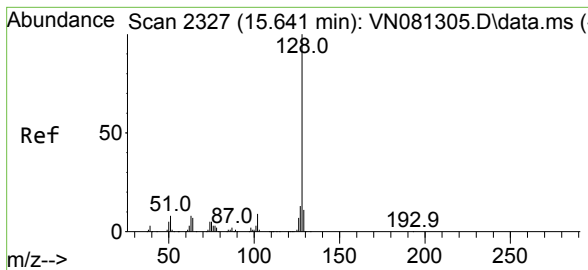
Tgt Ion:	180	Resp:	229110
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.6	139.7
145	34.3	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 47.755 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081386.D
 Acq: 13 Mar 2024 10:48

Tgt Ion:	225	Resp:	82703
Ion Ratio	Lower	Upper	
225	100		
223	65.7	33.3	99.8
227	67.5	33.1	99.2

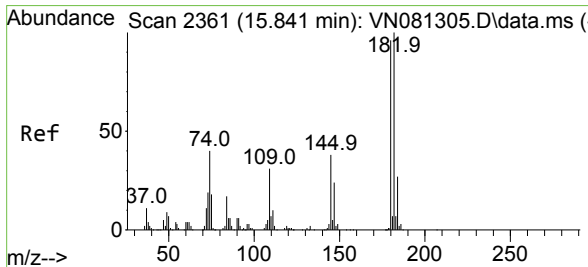
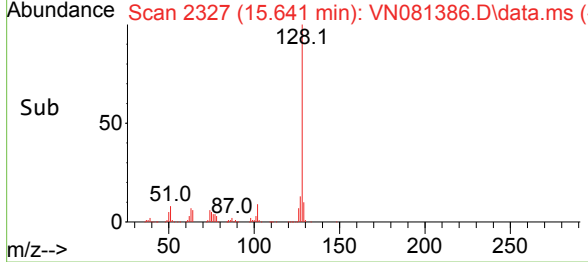
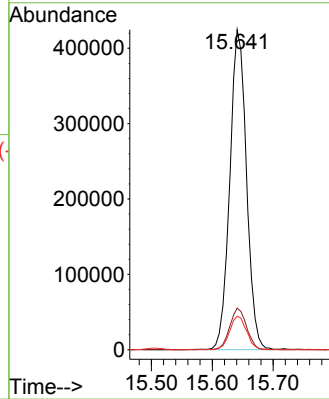
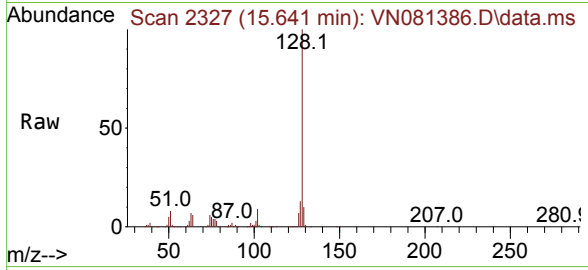




#95
Naphthalene
Concen: 54.308 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 809917
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.214 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081386.D
Acq: 13 Mar 2024 10:48

Tgt Ion:180 Resp: 234677
Ion Ratio Lower Upper
180 100
182 90.6 46.5 139.3
145 35.3 17.8 53.4

