

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081352.D
 Acq On : 11 Mar 2024 10:21
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 12 04:47:59 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	327903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	586904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	534033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	239608	50.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.080%	
35) Dibromofluoromethane	8.165	113	189763	52.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.540%	
50) Toluene-d8	10.570	98	685179	50.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.847	95	251095	52.853	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	220576	50.746	ug/l	91
3) Chloromethane	2.359	50	199195	42.425	ug/l	99
4) Vinyl Chloride	2.518	62	214910	43.877	ug/l #	89
5) Bromomethane	2.953	94	132046	40.365	ug/l	92
6) Chloroethane	3.124	64	145333	43.200	ug/l	95
7) Trichlorofluoromethane	3.500	101	337560	46.586	ug/l	92
8) Diethyl Ether	3.953	74	125118	49.011	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	194017	47.020	ug/l	94
10) Methyl Iodide	4.588	142	207245	54.885	ug/l	98
11) Tert butyl alcohol	5.512	59	180784	218.069	ug/l	99
12) 1,1-Dichloroethene	4.341	96	175977	46.051	ug/l	93
13) Acrolein	4.177	56	201715	205.484	ug/l	98
14) Allyl chloride	5.024	41	258356	45.557	ug/l #	88
15) Acrylonitrile	5.718	53	512252	236.523	ug/l	97
16) Acetone	4.424	43	346423	206.229	ug/l	99
17) Carbon Disulfide	4.706	76	466208	42.746	ug/l	98
18) Methyl Acetate	5.018	43	260281	54.119	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	637604	49.197	ug/l	97
20) Methylene Chloride	5.277	84	209468	50.479	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	189663	44.023	ug/l	95
22) Diisopropyl ether	6.671	45	640900	50.881	ug/l #	95
23) Vinyl Acetate	6.600	43	2541866	248.404	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	363036	47.083	ug/l	97
25) 2-Butanone	7.482	43	640528	227.691	ug/l	92
26) 2,2-Dichloropropane	7.488	77	324238	47.579	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	228005	46.680	ug/l	92
28) Bromochloromethane	7.812	49	171681	52.037	ug/l #	71
29) Tetrahydrofuran	7.835	42	438653	228.670	ug/l #	88
30) Chloroform	7.965	83	390913	48.855	ug/l	95
31) Cyclohexane	8.259	56	300796	41.905	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	335081	47.377	ug/l	94
36) 1,1-Dichloropropene	8.371	75	281392	48.507	ug/l	97
37) Ethyl Acetate	7.559	43	269654	47.552	ug/l	99
38) Carbon Tetrachloride	8.359	117	287971	49.324	ug/l	98
39) Methylcyclohexane	9.600	83	317459	47.551	ug/l	94
40) Benzene	8.606	78	825575	47.679	ug/l	95

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 12 04:47:59 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)
41) Methacrylonitrile	7.777	41	162281	50.675	ug/l	95
42) 1,2-Dichloroethane	8.671	62	309692	50.726	ug/l	100
43) Isopropyl Acetate	8.688	43	479207	48.281	ug/l	97
44) Trichloroethene	9.353	130	210192	48.130	ug/l	92
45) 1,2-Dichloropropane	9.623	63	216448	49.760	ug/l	99
46) Dibromomethane	9.712	93	156481	51.037	ug/l	92
47) Bromodichloromethane	9.888	83	314435	52.828	ug/l #	93
48) Methyl methacrylate	9.682	41	216440	49.334	ug/l	90
49) 1,4-Dioxane	9.694	88	87057	900.278	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1438505	249.602	ug/l	96
52) Toluene	10.629	92	514647	49.202	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	330804	51.367	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	361861	52.050	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	208060	50.160	ug/l	96
56) Ethyl methacrylate	10.876	69	314469	52.798	ug/l	92
57) 1,3-Dichloropropane	11.165	76	366495	50.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	830443	259.199	ug/l #	90
59) 2-Hexanone	11.194	43	1070092	248.368	ug/l	96
60) Dibromochloromethane	11.359	129	228050	53.384	ug/l	98
61) 1,2-Dibromoethane	11.470	107	213852	49.689	ug/l	96
64) Tetrachloroethene	11.106	164	205626	49.176	ug/l	92
65) Chlorobenzene	11.894	112	541912	48.155	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	205230	49.838	ug/l	96
67) Ethyl Benzene	11.964	91	995055	49.087	ug/l	97
68) m/p-Xylenes	12.070	106	748735	98.144	ug/l	100
69) o-Xylene	12.400	106	359988	48.689	ug/l	99
70) Styrene	12.412	104	615999	52.574	ug/l	98
71) Bromoform	12.582	173	150148	52.520	ug/l #	98
73) Isopropylbenzene	12.694	105	964791	47.687	ug/l	98
74) N-amyl acetate	12.494	43	418743	49.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	291765	46.729	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	403780	68.231	ug/l	60
77) Bromobenzene	12.982	156	217090	45.257	ug/l	81
78) n-propylbenzene	13.035	91	1188627	49.672	ug/l	98
79) 2-Chlorotoluene	13.123	91	694881	47.507	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	831507	49.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108735	51.279	ug/l #	84
82) 4-Chlorotoluene	13.223	91	696320	48.197	ug/l	96
83) tert-Butylbenzene	13.441	119	682811	47.623	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	842415	49.717	ug/l	97
85) sec-Butylbenzene	13.617	105	1022565	49.298	ug/l	95
86) p-Isopropyltoluene	13.729	119	869743	52.285	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	424199	46.833	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	422268	46.643	ug/l	97
89) n-Butylbenzene	14.058	91	784893	51.452	ug/l	98
90) Hexachloroethane	14.335	117	146145	50.182	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	408518	47.008	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63865	47.799	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	243400	52.398	ug/l	99
94) Hexachlorobutadiene	15.505	225	92830	48.364	ug/l	94
95) Naphthalene	15.641	128	863176	52.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	238025	50.528	ug/l	98

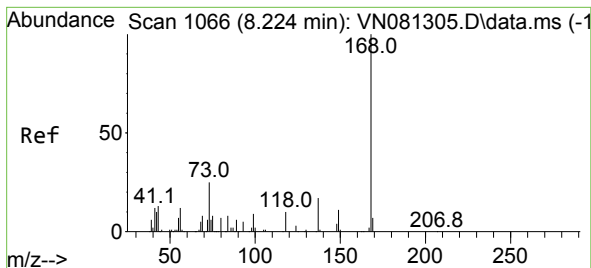
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

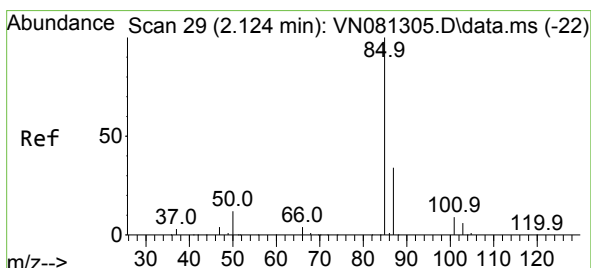
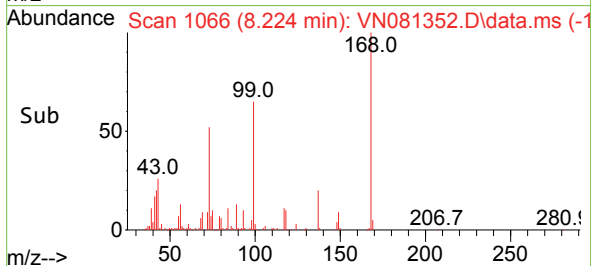
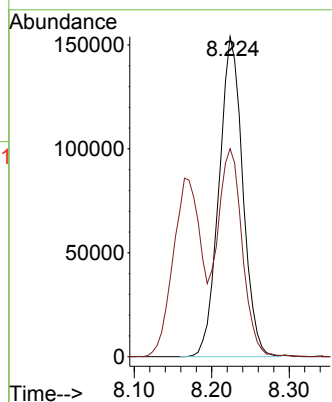
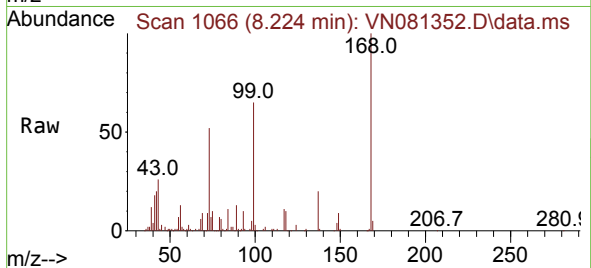
VSTDCCC050

Tgt Ion:168 Resp: 327903

Ion Ratio Lower Upper

168 100

99 64.6 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 50.746 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081352.D

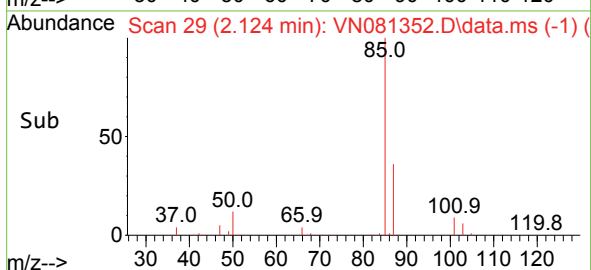
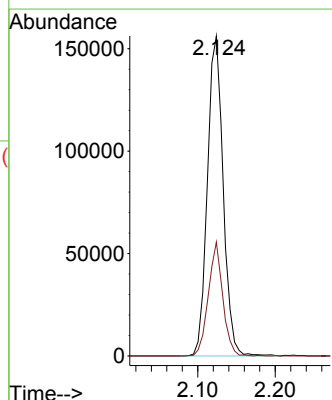
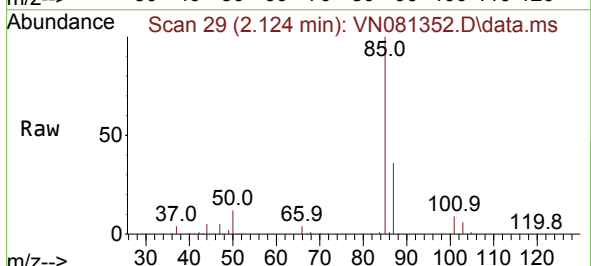
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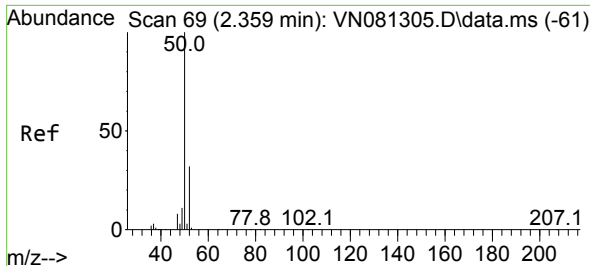
Tgt Ion: 85 Resp: 220576

Ion Ratio Lower Upper

85 100

87 35.6 15.3 45.9

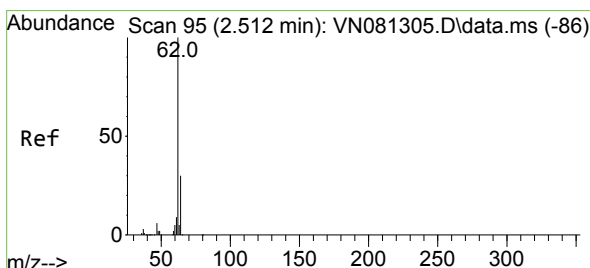
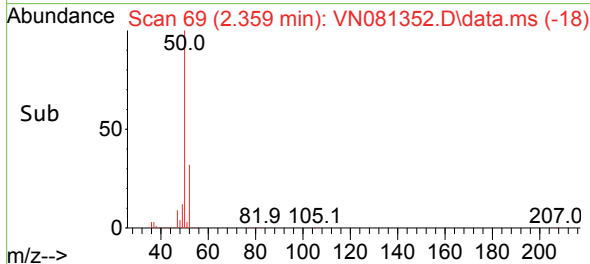
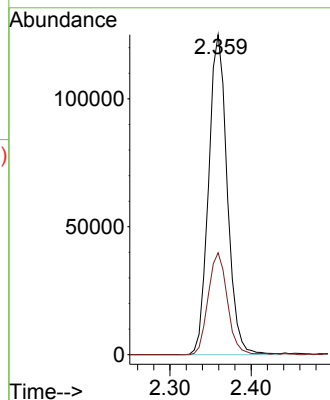
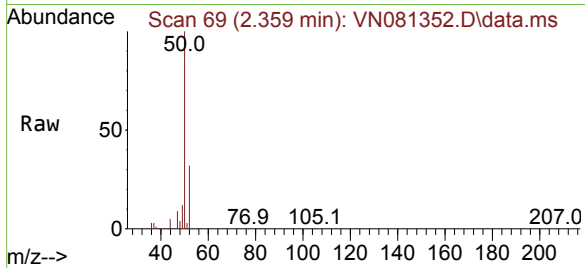




#3
Chloromethane
Concen: 42.425 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

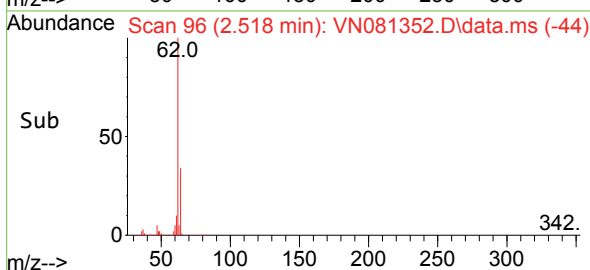
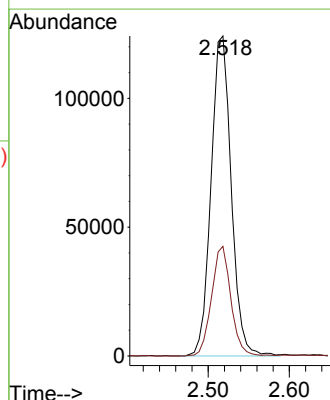
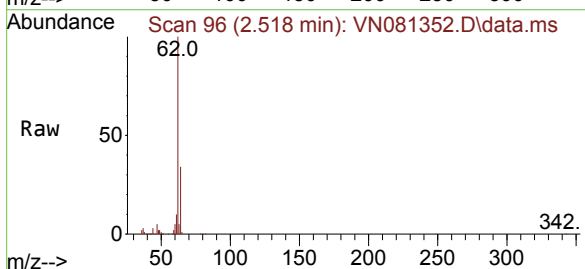
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

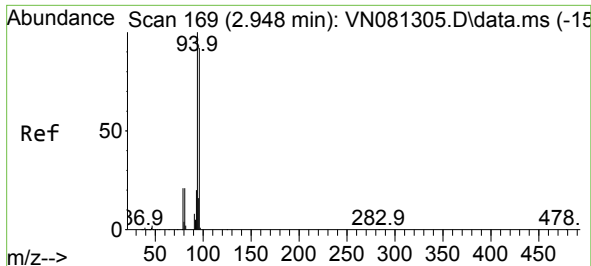
Tgt Ion: 50 Resp: 199195
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 43.877 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 62 Resp: 214910
Ion Ratio Lower Upper
62 100
64 34.2 22.7 34.1#

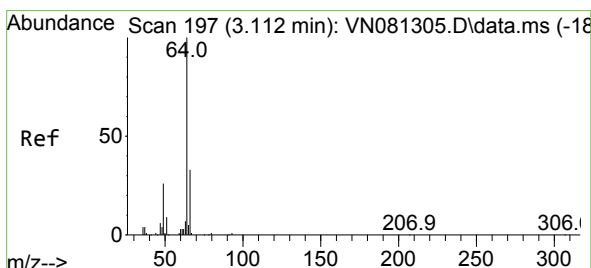
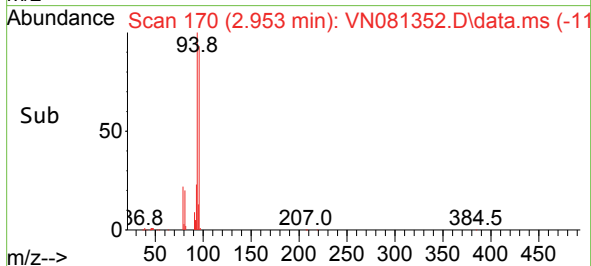
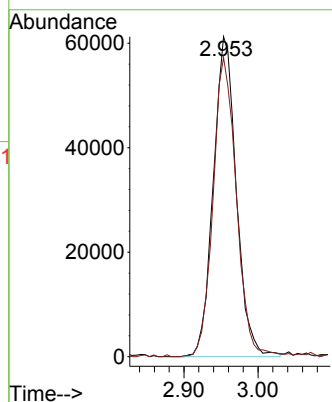
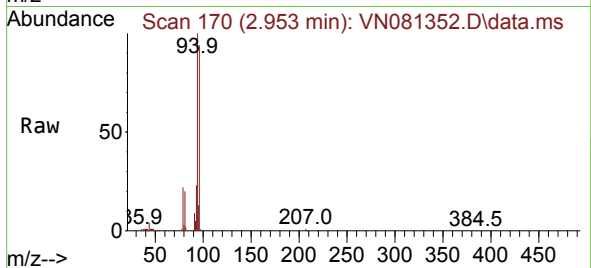




#5
Bromomethane
Concen: 40.365 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

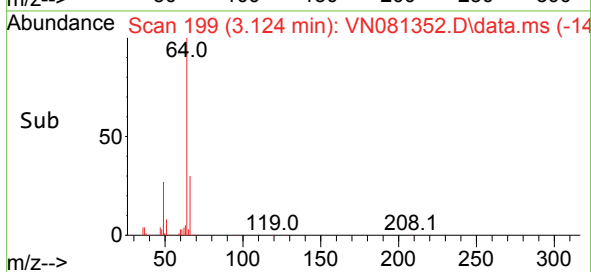
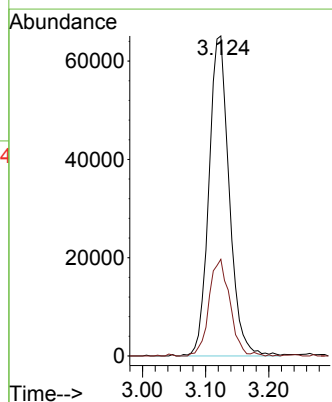
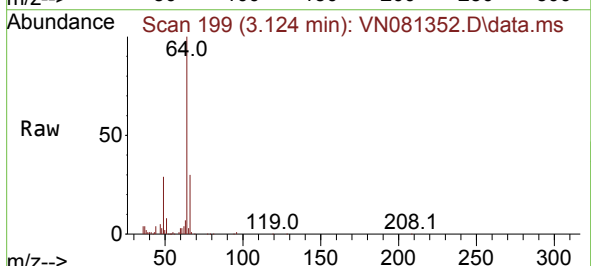
Instrument :
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VSTDCCC050

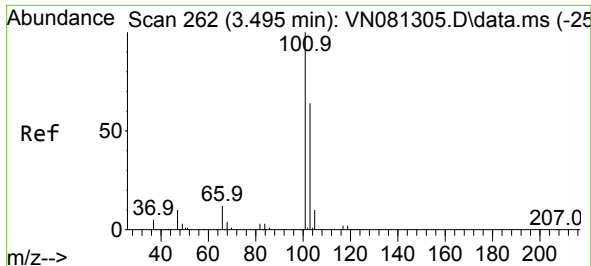
Tgt Ion: 94 Resp: 132046
Ion Ratio Lower Upper
94 100
96 93.5 69.2 103.8



#6
Chloroethane
Concen: 43.200 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 64 Resp: 145333
Ion Ratio Lower Upper
64 100
66 30.2 26.4 39.6

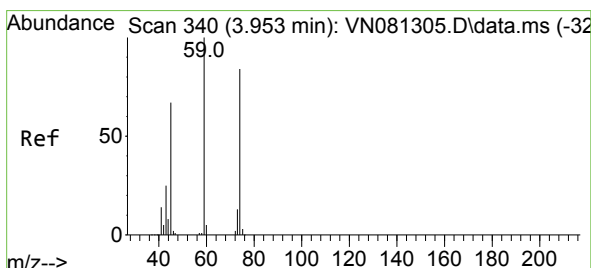
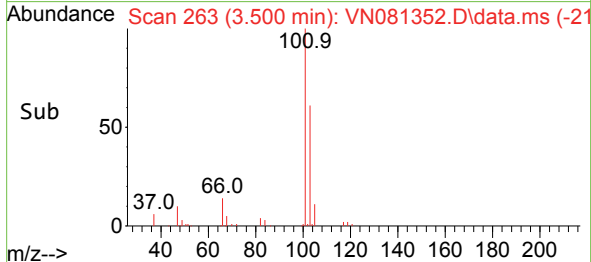
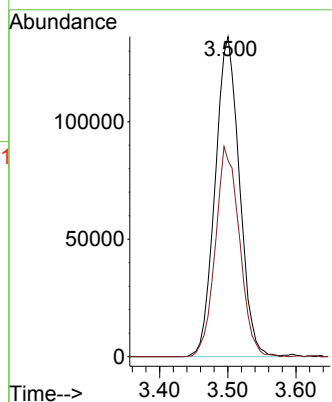
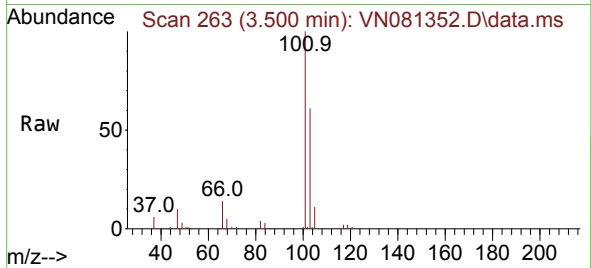




#7
Trichlorofluoromethane
Concen: 46.586 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

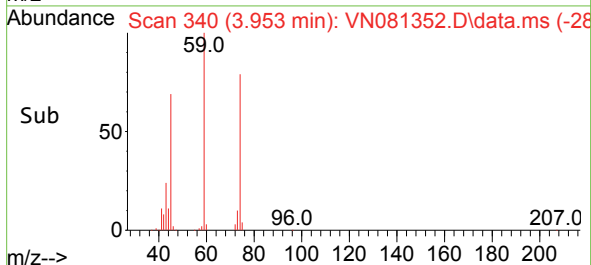
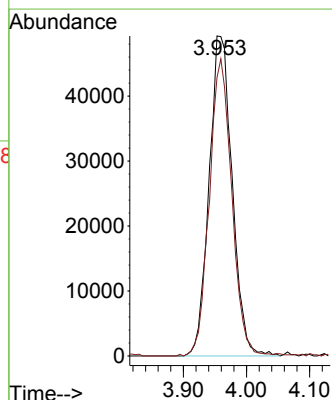
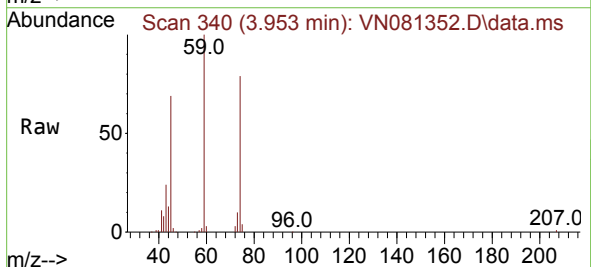
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

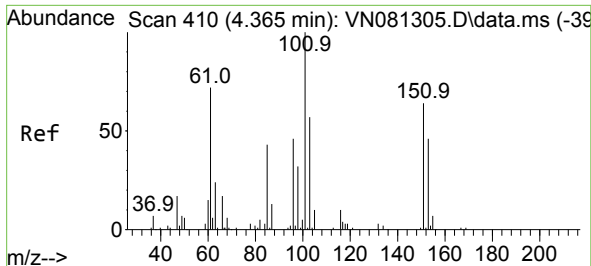
Tgt Ion:101 Resp: 337560
Ion Ratio Lower Upper
101 100
103 61.2 54.4 81.6



#8
Diethyl Ether
Concen: 49.011 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 74 Resp: 125118
Ion Ratio Lower Upper
74 100
45 90.1 53.3 159.9

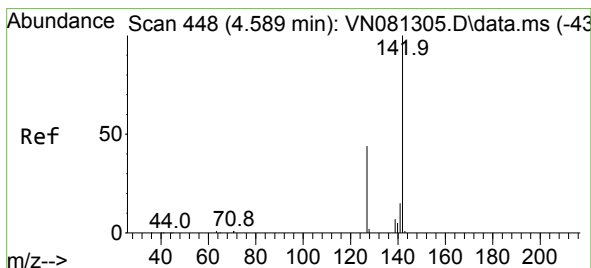
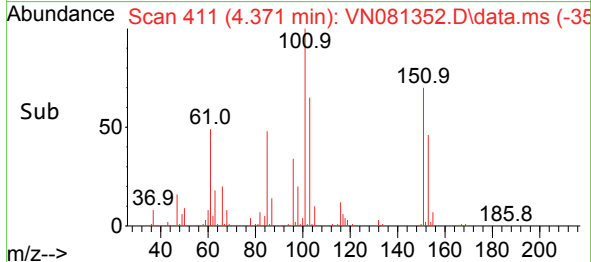
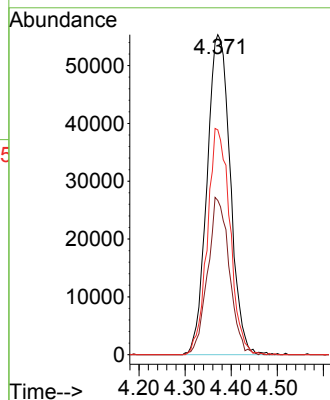
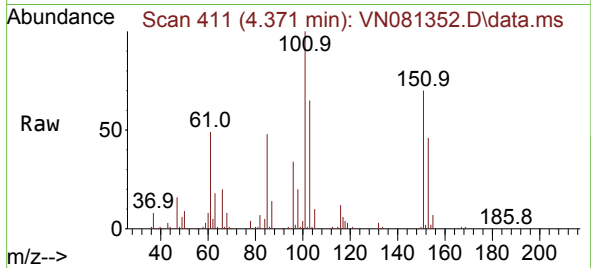




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.020 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

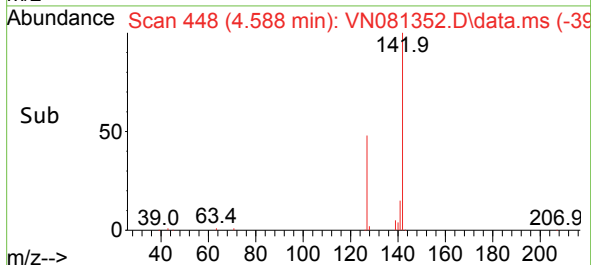
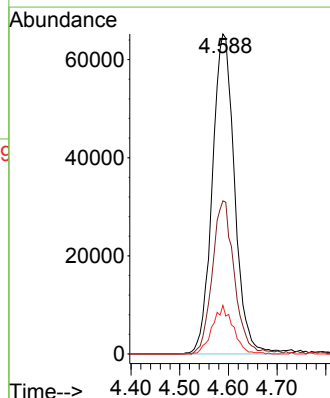
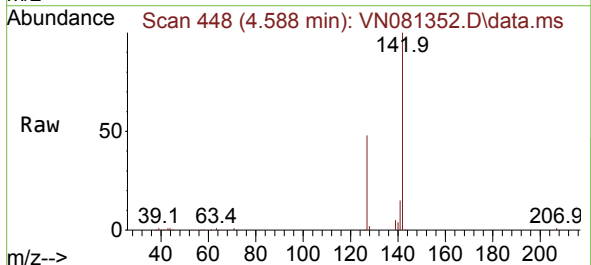
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

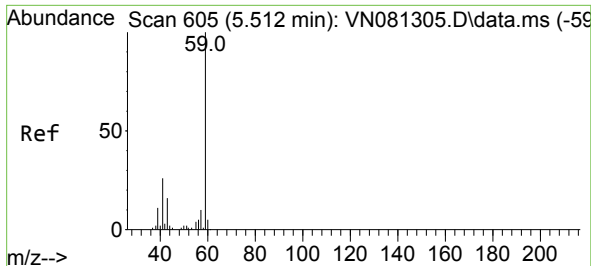
Tgt Ion:101 Resp: 194017
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 68.3 49.1 73.7



#10
Methyl Iodide
Concen: 54.885 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:142 Resp: 207245
Ion Ratio Lower Upper
142 100
127 47.8 37.0 55.4
141 15.2 12.5 18.7

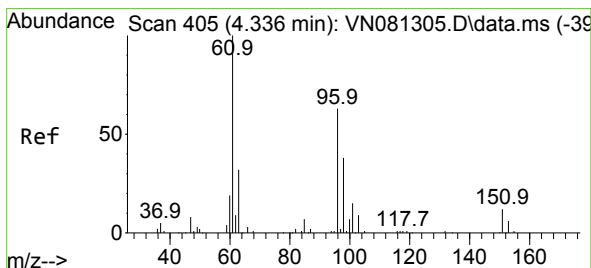
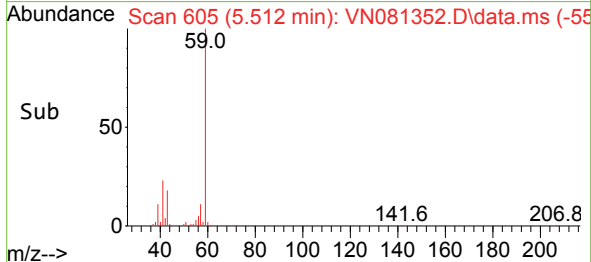
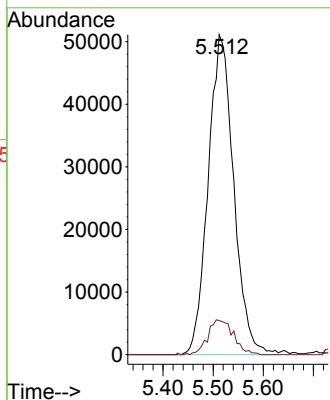
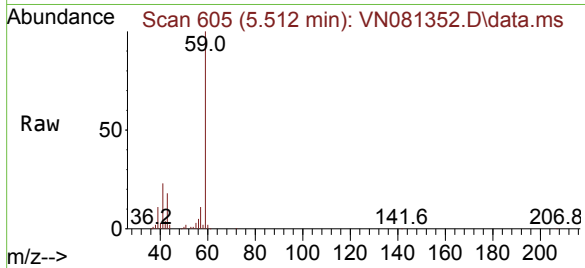




#11
Tert butyl alcohol
Concen: 218.069 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

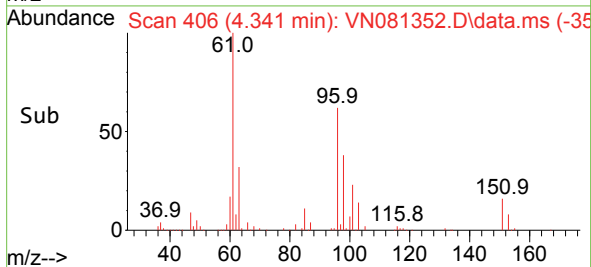
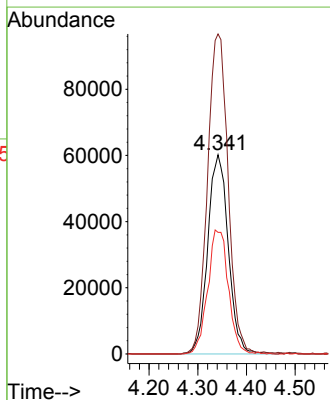
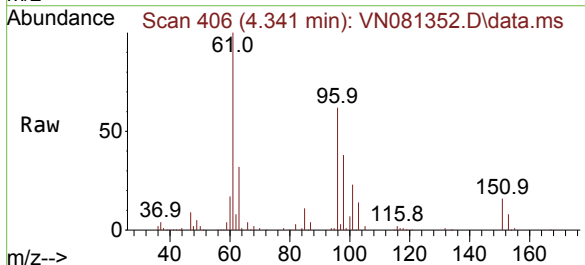
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

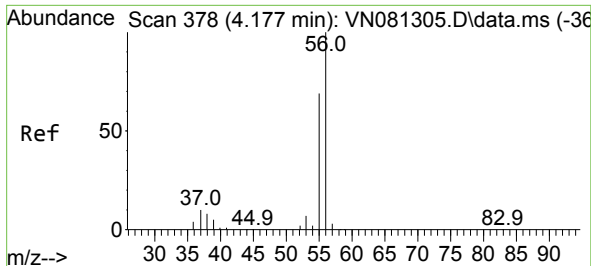
Tgt Ion: 59 Resp: 180784
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.051 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 96 Resp: 175977
Ion Ratio Lower Upper
96 100
61 160.7 138.2 207.4
98 61.1 49.2 73.8

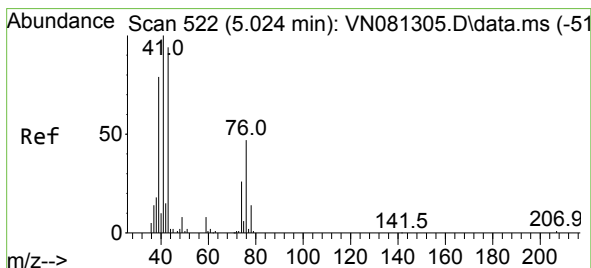
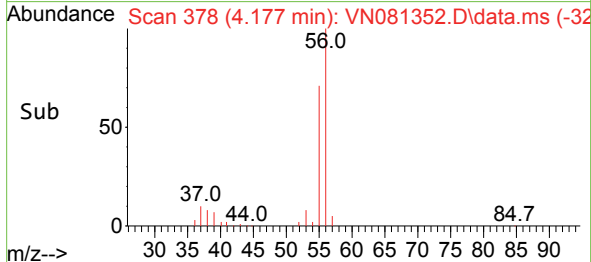
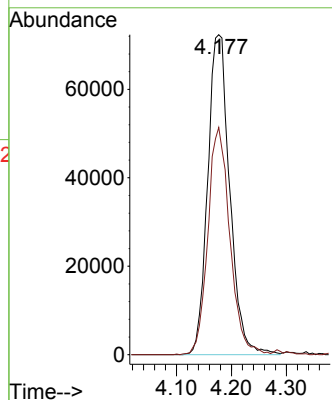
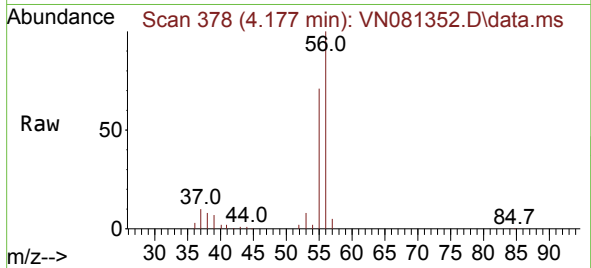




#13
Acrolein
Concen: 205.484 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

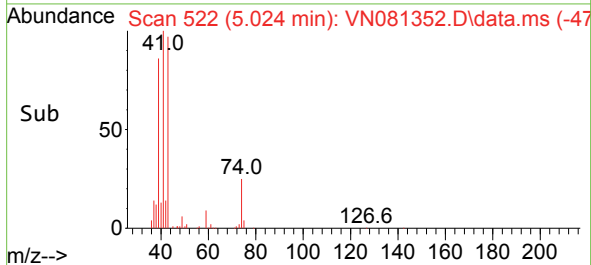
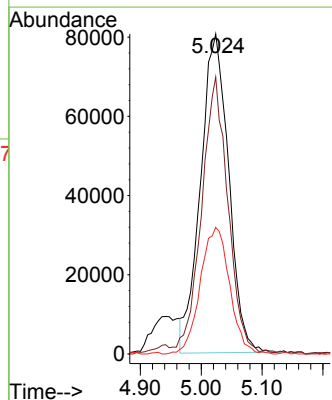
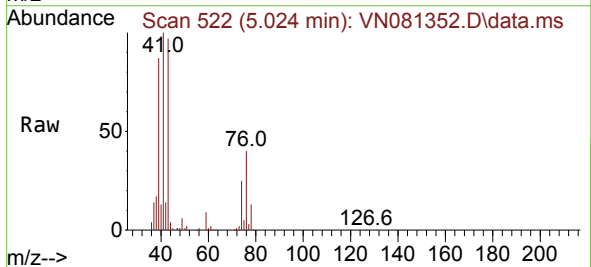
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

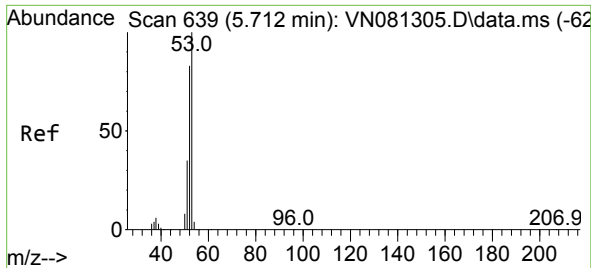
Tgt Ion: 56 Resp: 201715
Ion Ratio Lower Upper
56 100
55 70.8 55.3 82.9



#14
Allyl chloride
Concen: 45.557 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 41 Resp: 258356
Ion Ratio Lower Upper
41 100
39 81.4 57.7 86.5
76 41.4 26.8 40.2#

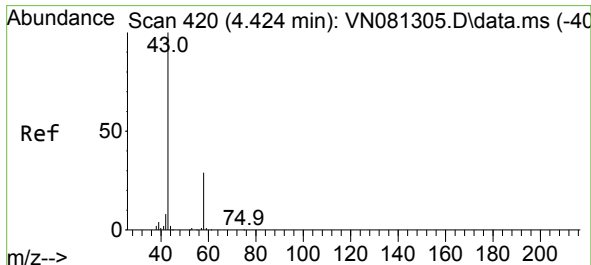
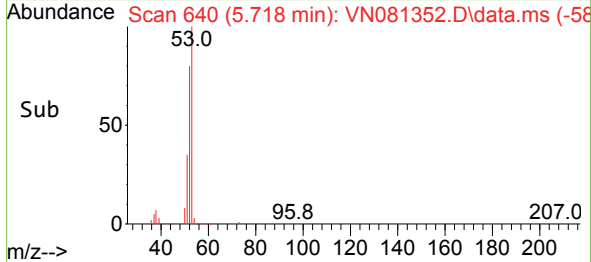
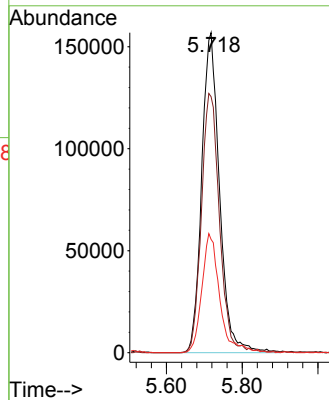
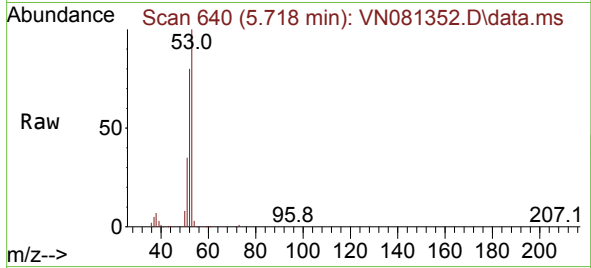




#15
Acrylonitrile
Concen: 236.523 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

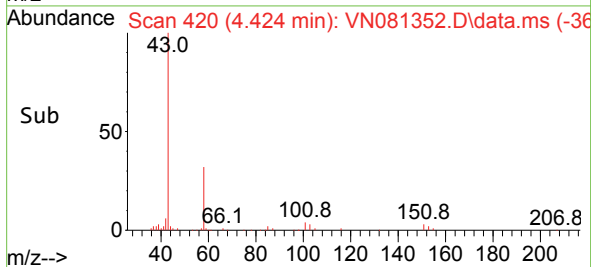
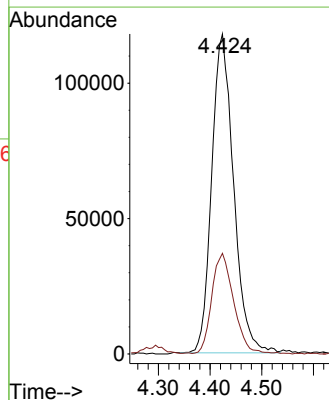
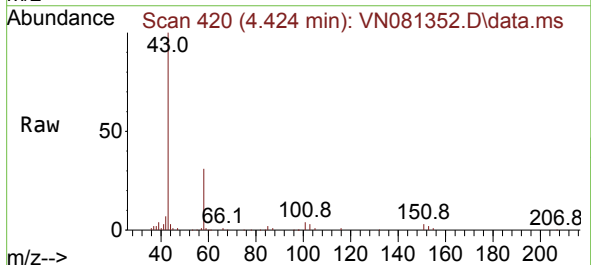
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

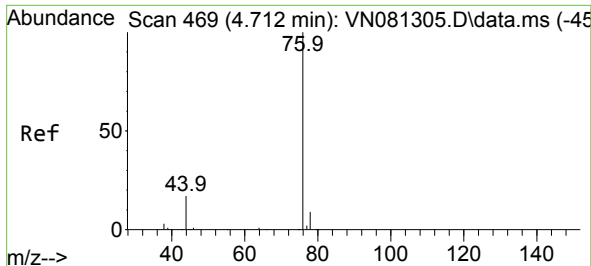
Tgt Ion: 53 Resp: 512252
Ion Ratio Lower Upper
53 100
52 82.2 64.8 97.2
51 37.2 26.9 40.3



#16
Acetone
Concen: 206.229 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 43 Resp: 346423
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2

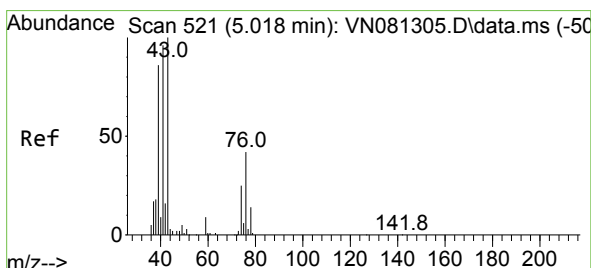
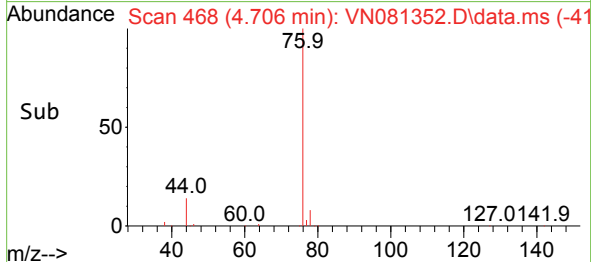
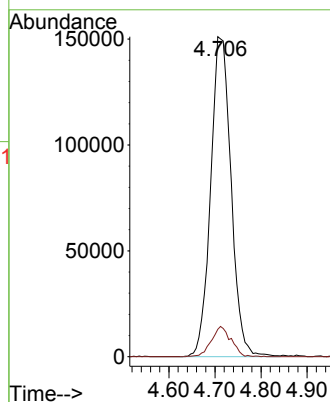
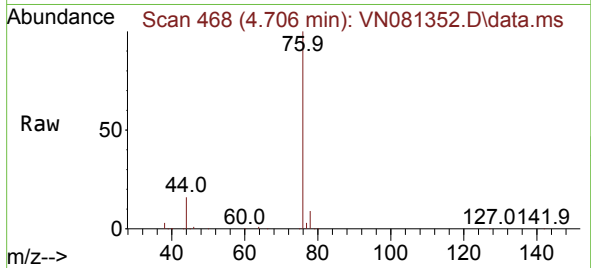




#17
Carbon Disulfide
Concen: 42.746 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

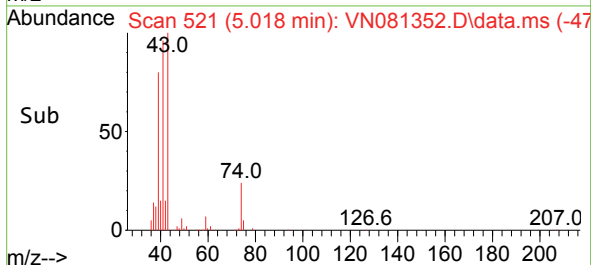
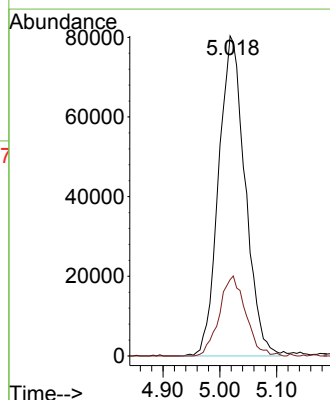
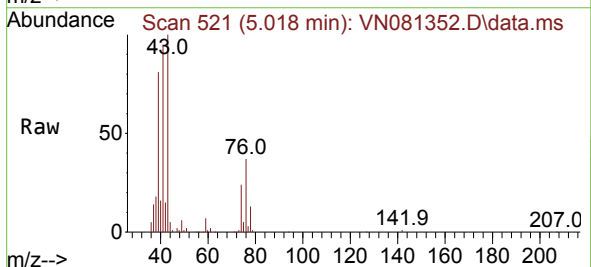
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

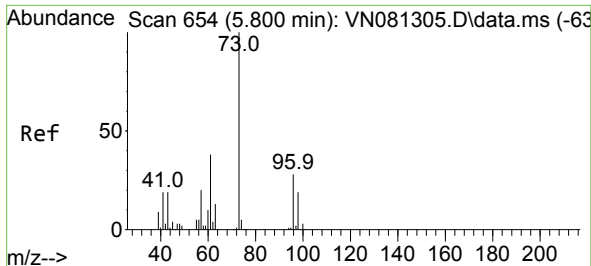
Tgt Ion: 76 Resp: 466208
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5



#18
Methyl Acetate
Concen: 54.119 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 43 Resp: 260281
Ion Ratio Lower Upper
43 100
74 24.8 17.3 25.9

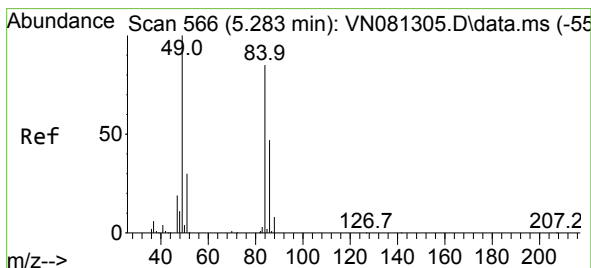
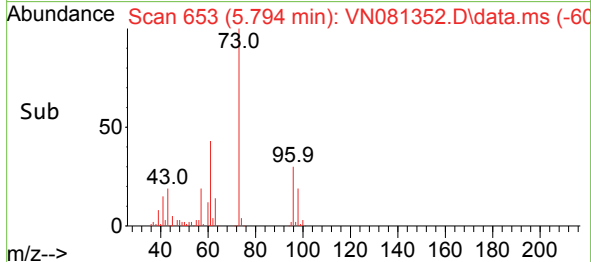
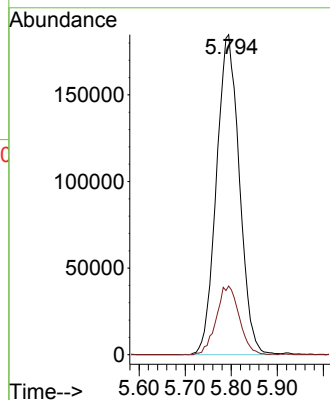
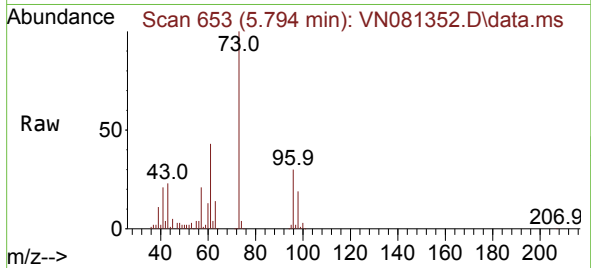




#19
Methyl tert-butyl Ether
Concen: 49.197 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

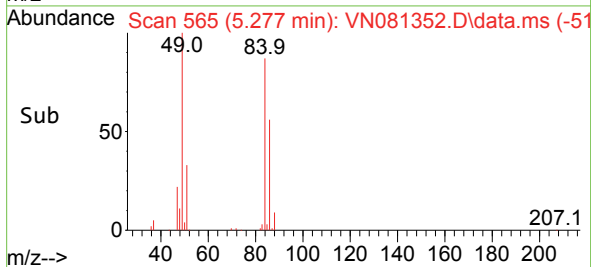
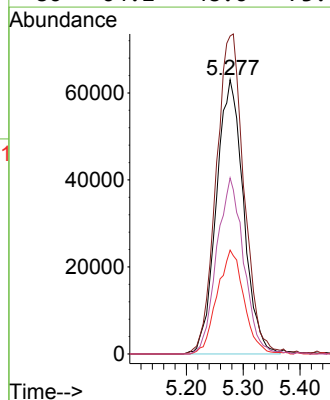
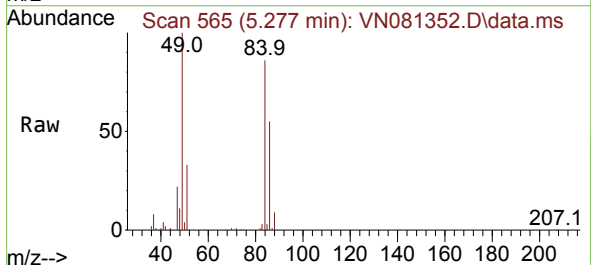
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

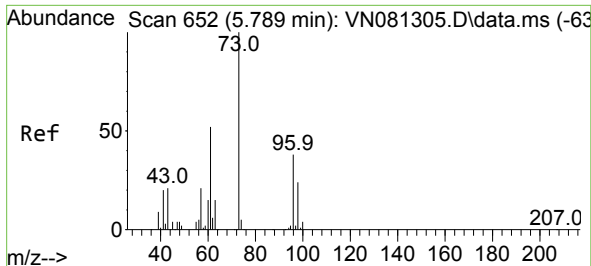
Tgt Ion: 73 Resp: 637604
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 50.479 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 84 Resp: 209468
Ion Ratio Lower Upper
84 100
49 115.9 108.1 162.1
51 37.8 32.9 49.3
86 64.2 48.6 73.0

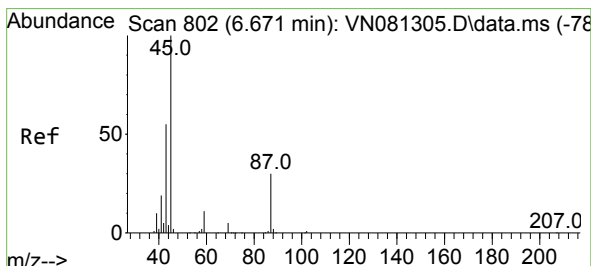
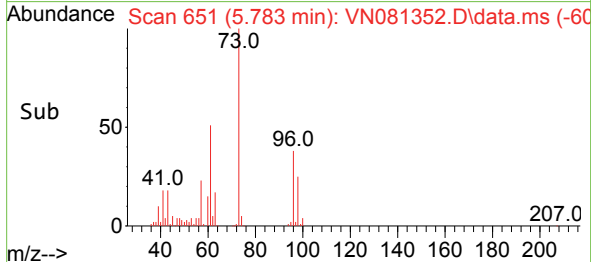
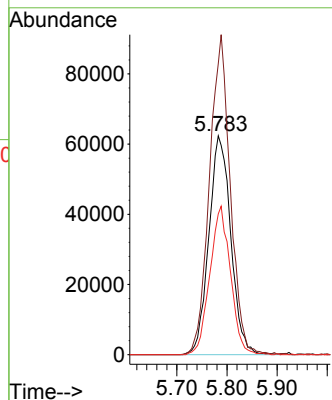
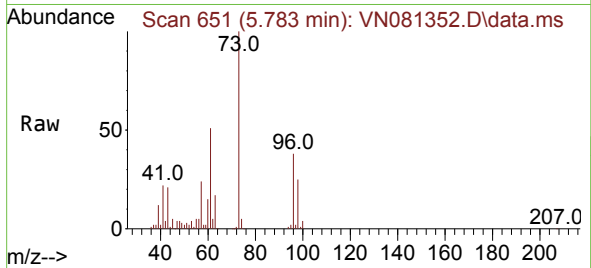




#21
trans-1,2-Dichloroethene
Concen: 44.023 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

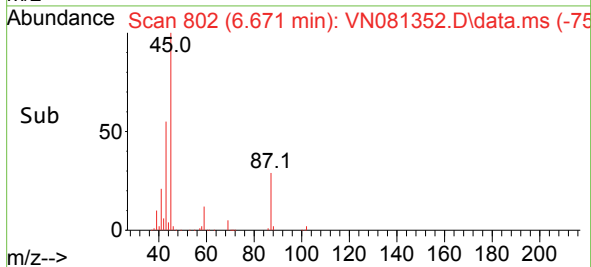
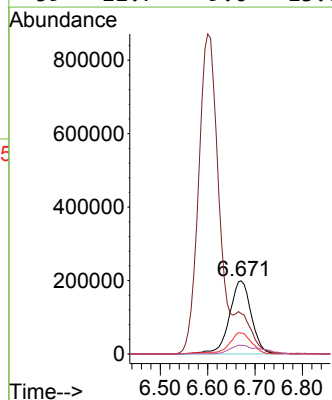
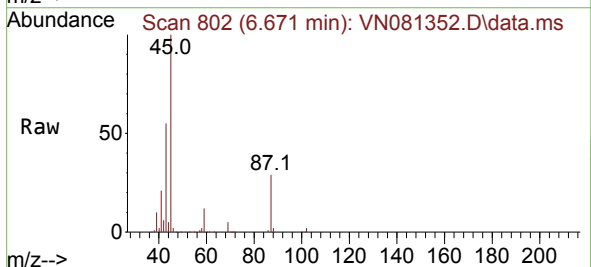
Instrument :
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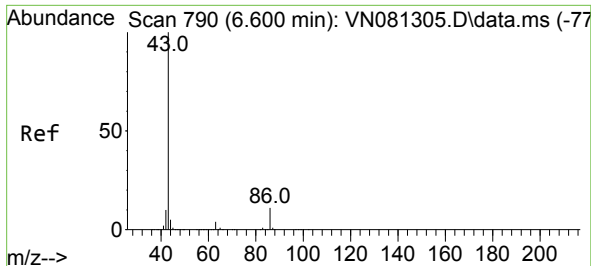
Tgt Ion: 96 Resp: 189663
Ion Ratio Lower Upper
96 100
61 133.0 112.8 169.2
98 64.4 51.0 76.4



#22
Diisopropyl ether
Concen: 50.881 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 45 Resp: 640900
Ion Ratio Lower Upper
45 100
43 53.8 41.8 62.8
87 28.4 18.1 27.1#
59 11.7 9.0 13.6

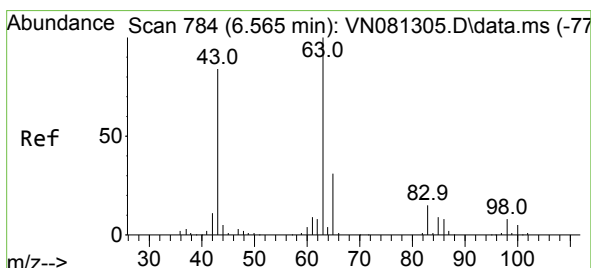
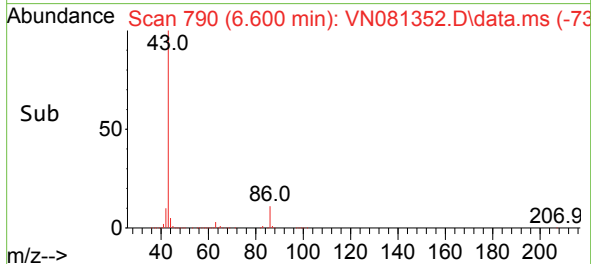
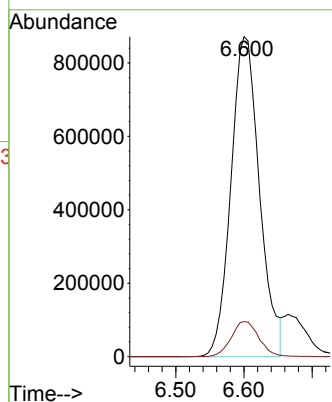
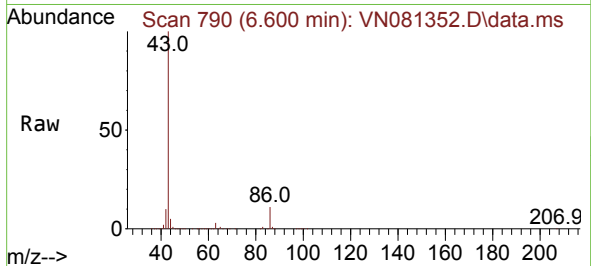




#23
 Vinyl Acetate
 Concen: 248.404 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

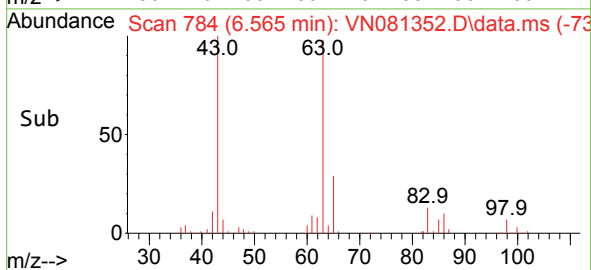
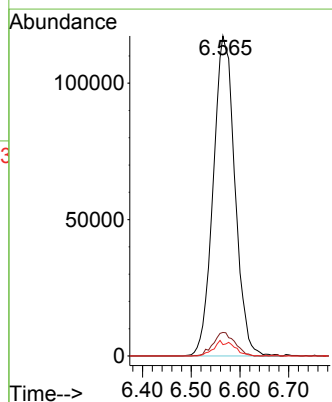
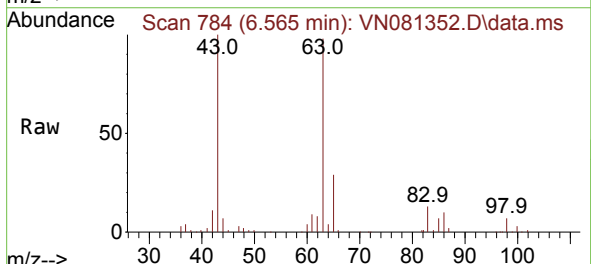
Instrument :
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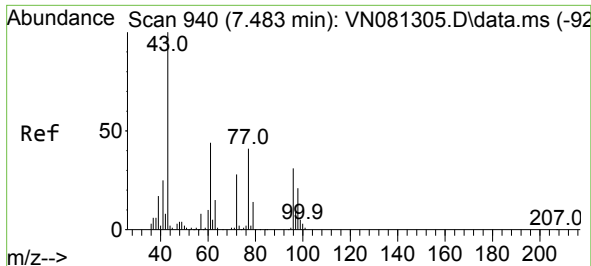
Tgt Ion: 43 Resp: 2541866
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.083 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion: 63 Resp: 363036
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 3.6 1.9 5.7

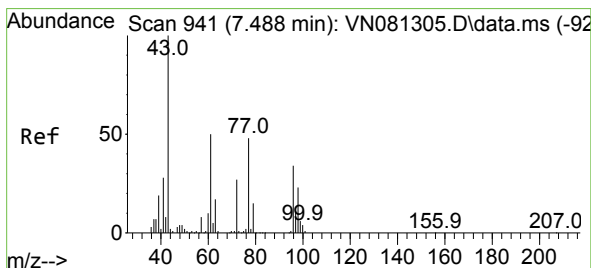
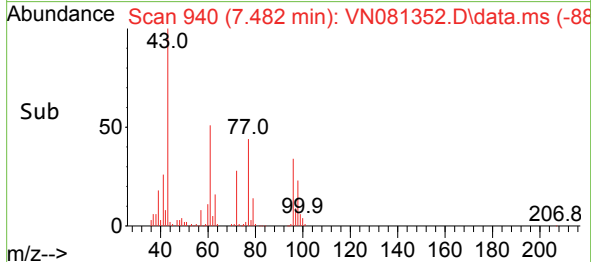
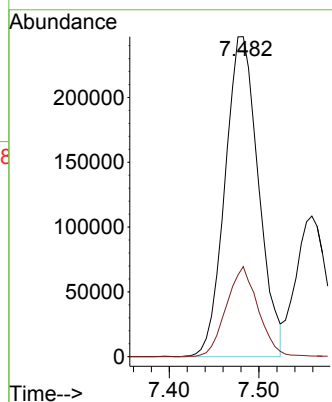
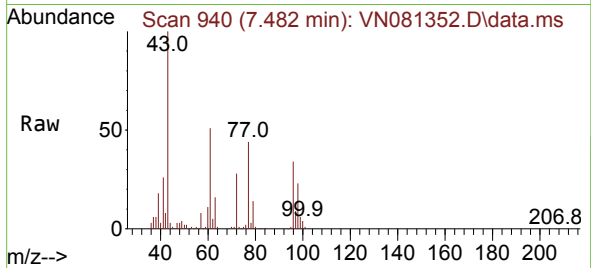




#25
2-Butanone
Concen: 227.691 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

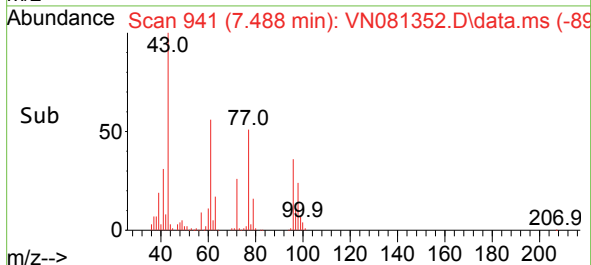
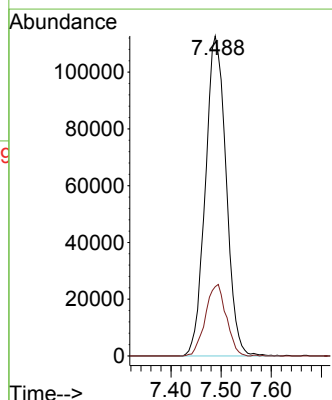
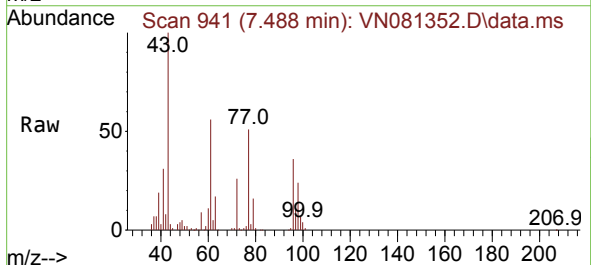
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

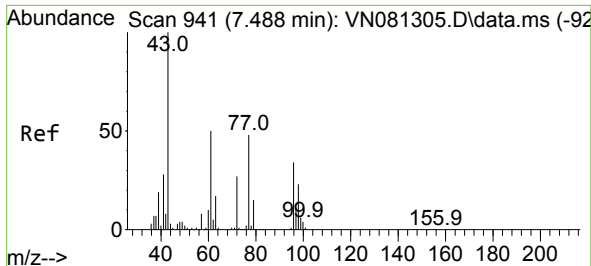
Tgt Ion: 43 Resp: 640528
Ion Ratio Lower Upper
43 100
72 28.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 47.579 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 77 Resp: 324238
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5

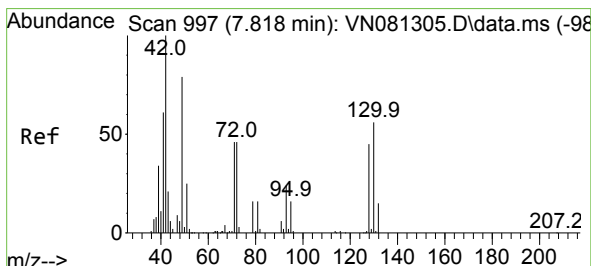
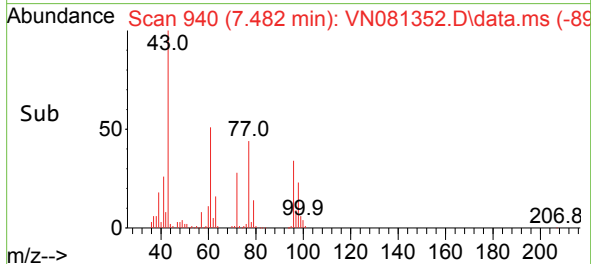
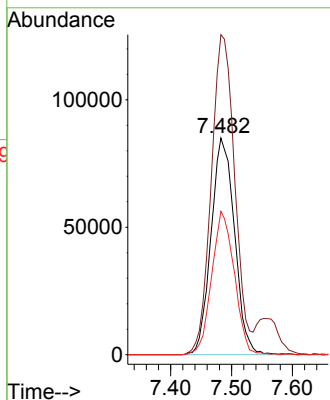
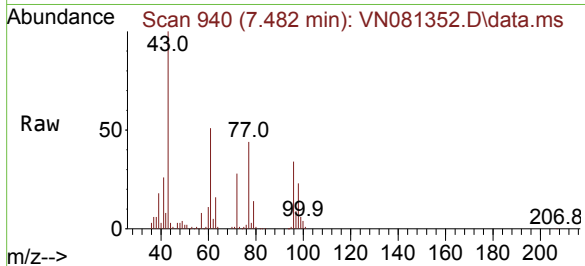




#27
 cis-1,2-Dichloroethene
 Concen: 46.680 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

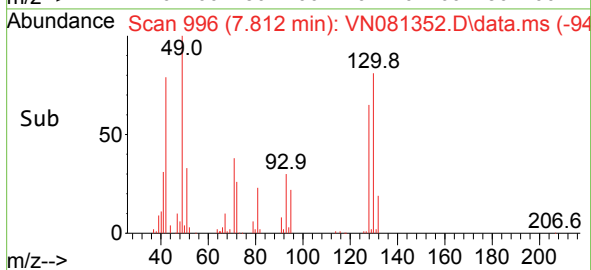
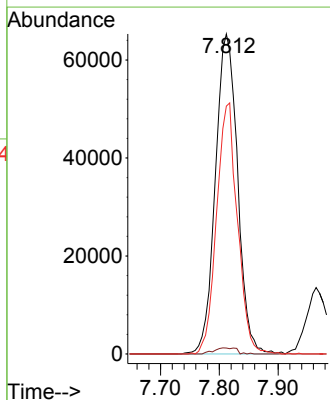
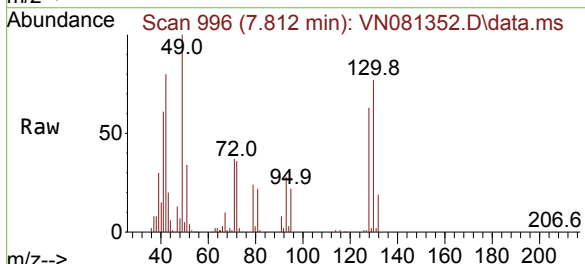
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

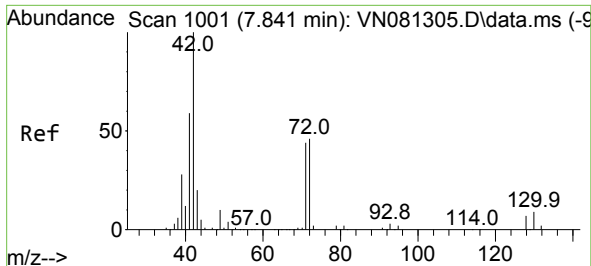
Tgt Ion: 96 Resp: 228005
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 325.4
 98 63.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.037 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion: 49 Resp: 171681
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 73.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 228.670 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

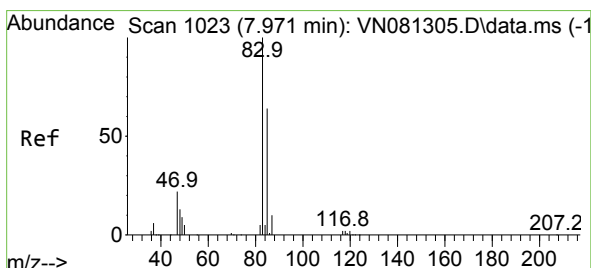
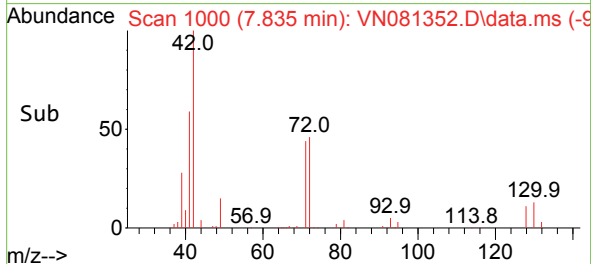
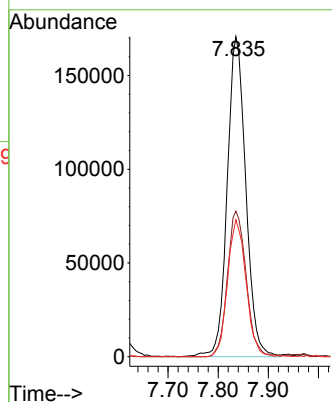
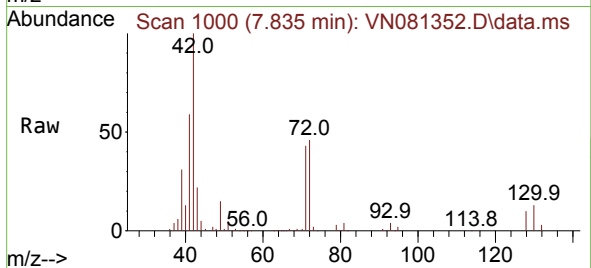
Tgt Ion: 42 Resp: 438653

Ion Ratio Lower Upper

42 100

72 46.0 31.1 46.7

71 42.5 28.3 42.5#



#30

Chloroform

Concen: 48.855 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081352.D

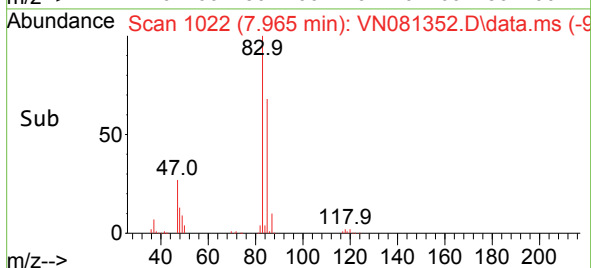
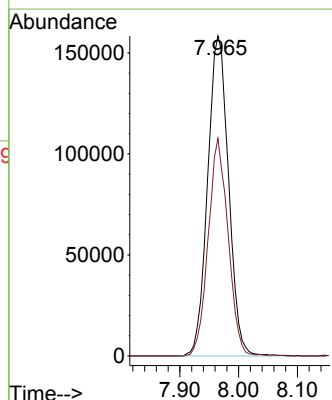
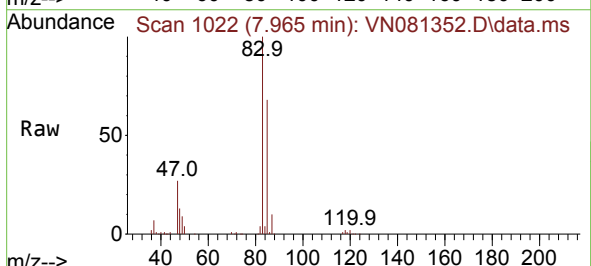
Acq: 11 Mar 2024 10:21

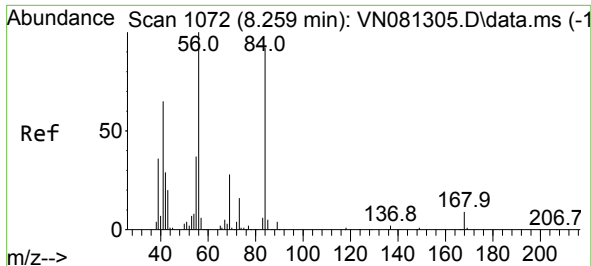
Tgt Ion: 83 Resp: 390913

Ion Ratio Lower Upper

83 100

85 68.0 51.0 76.6

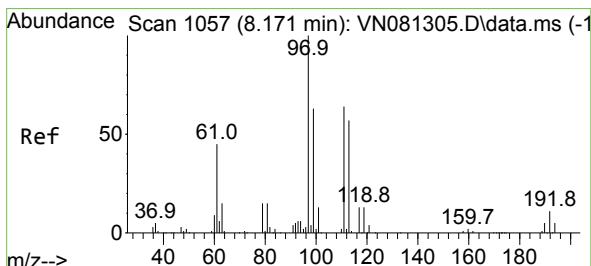
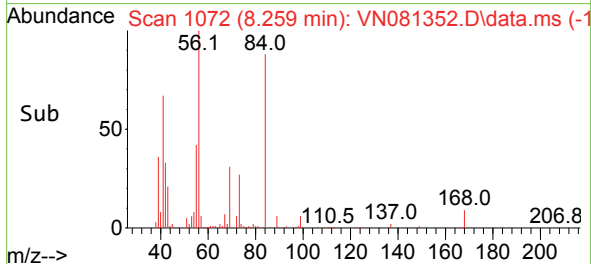
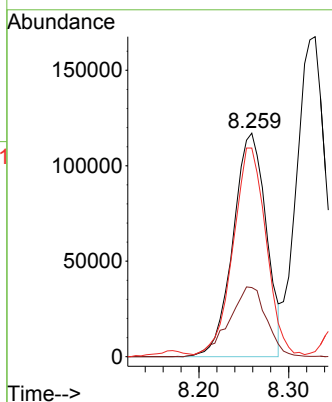
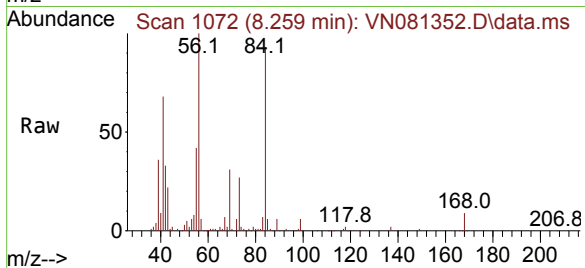




#31
Cyclohexane
Concen: 41.905 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

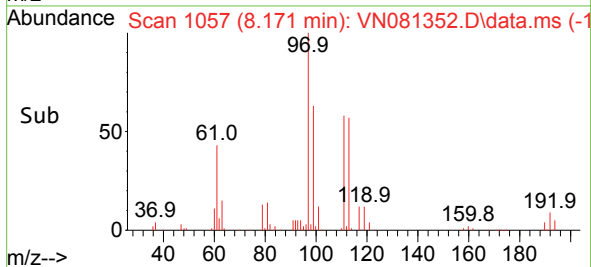
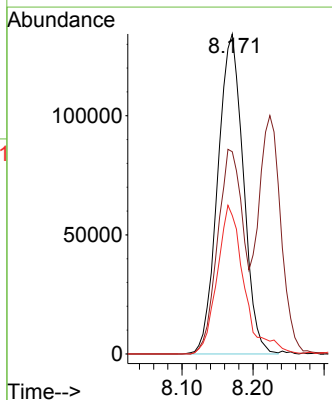
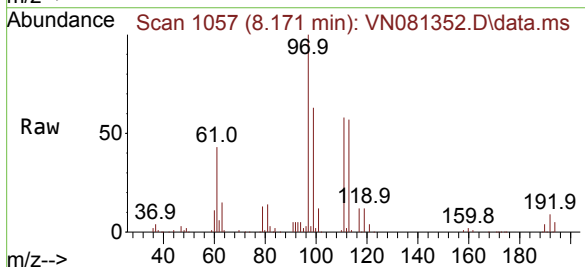
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

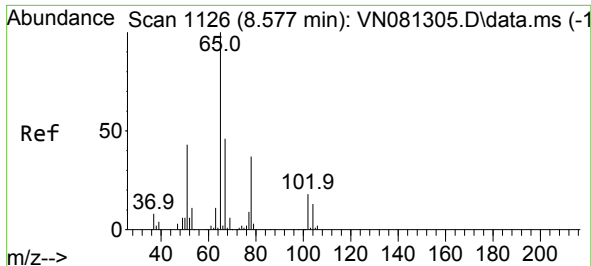
Tgt Ion: 56 Resp: 300796
Ion Ratio Lower Upper
56 100
69 30.8 20.1 30.1#
84 91.0 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 47.377 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 97 Resp: 335081
Ion Ratio Lower Upper
97 100
99 63.9 53.4 80.0
61 49.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.538 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

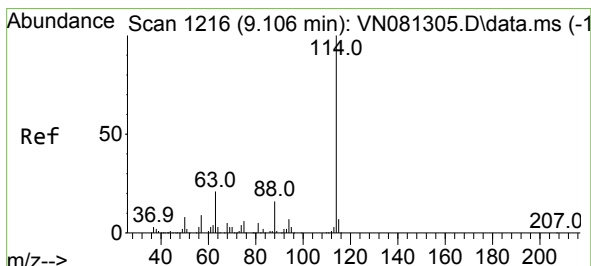
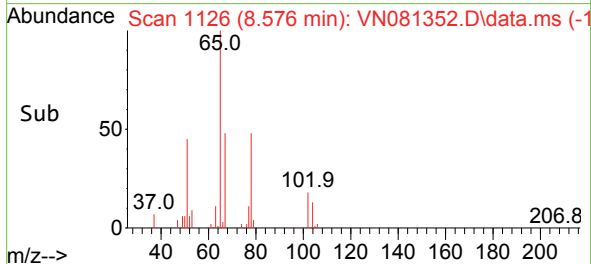
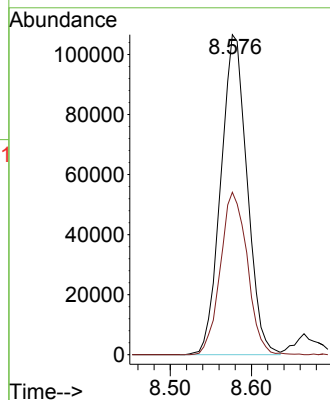
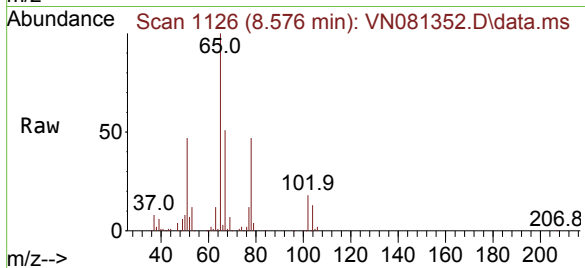
VSTDCCC050

Tgt Ion: 65 Resp: 239608

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

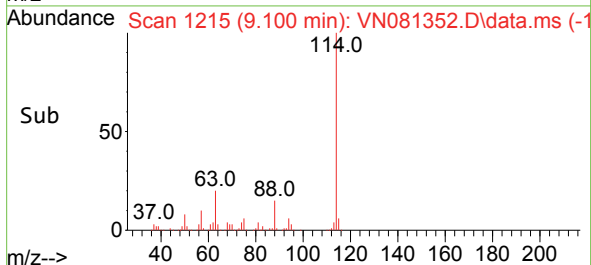
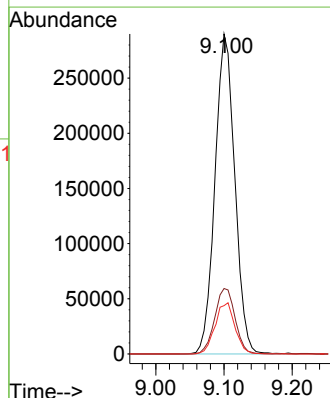
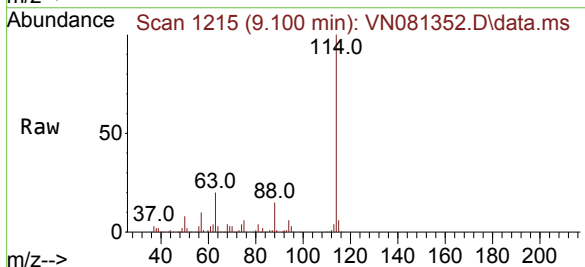
Tgt Ion: 114 Resp: 586904

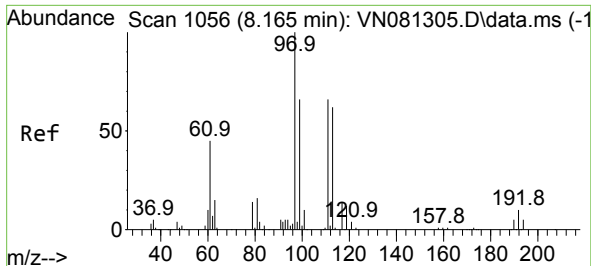
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.1 0.0 34.8

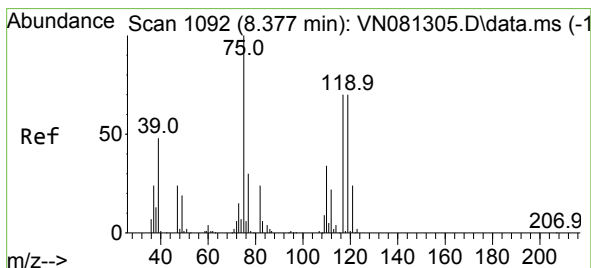
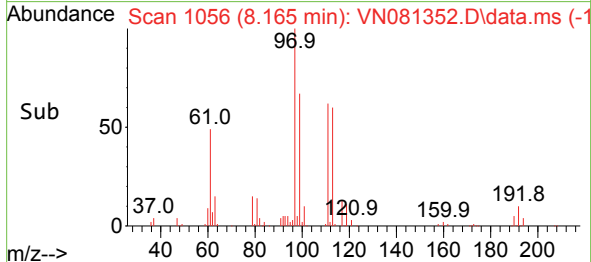
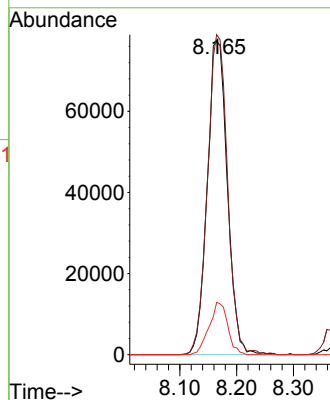
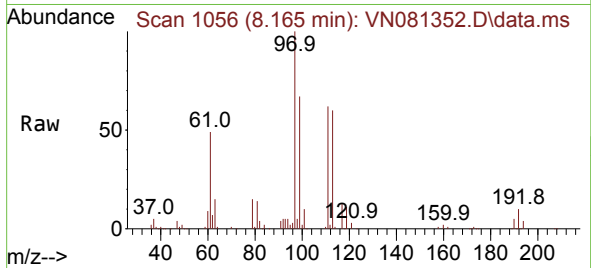




#35
Dibromofluoromethane
Concen: 52.774 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

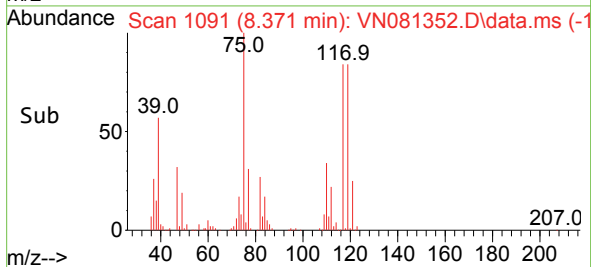
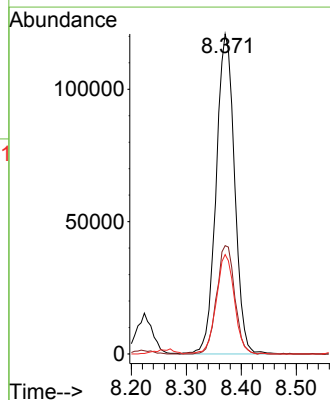
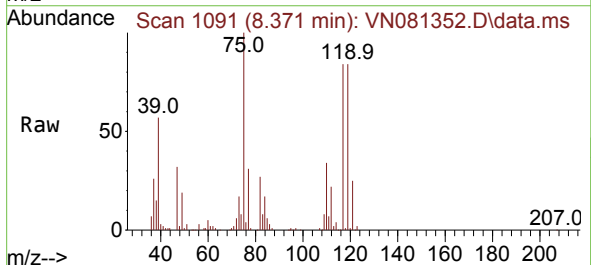
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

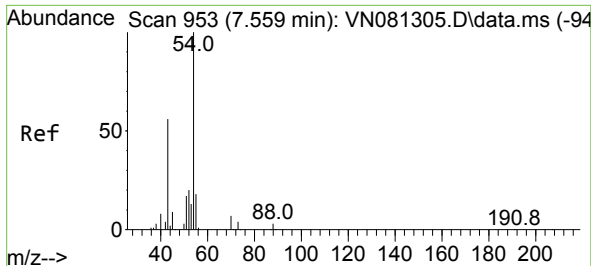
Tgt Ion:113 Resp: 189763
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 48.507 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 75 Resp: 281392
Ion Ratio Lower Upper
75 100
110 33.3 16.0 48.0
77 30.6 25.8 38.6

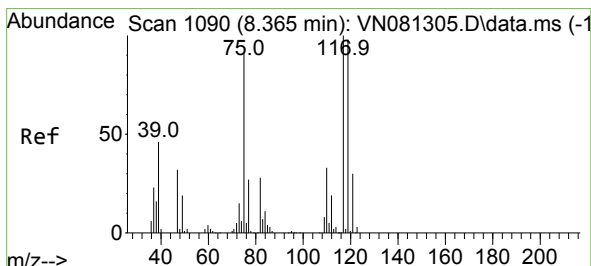
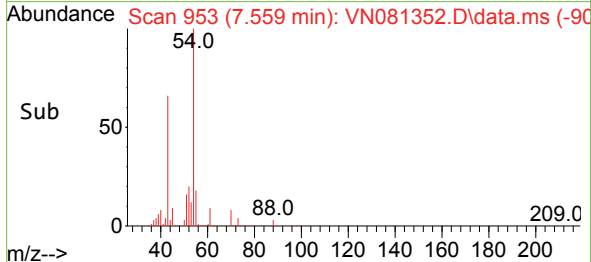
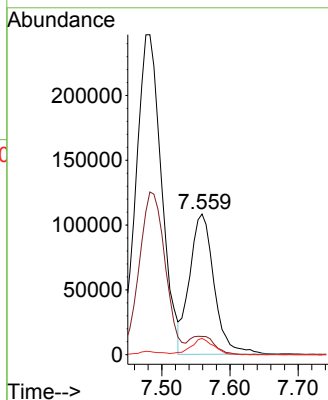
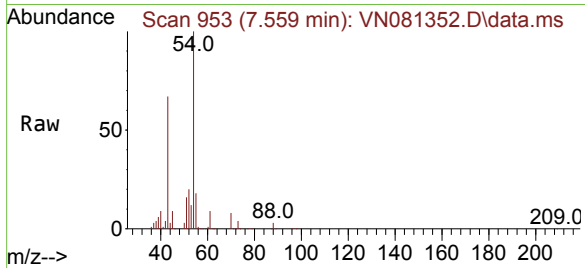




#37
Ethyl Acetate
Concen: 47.552 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

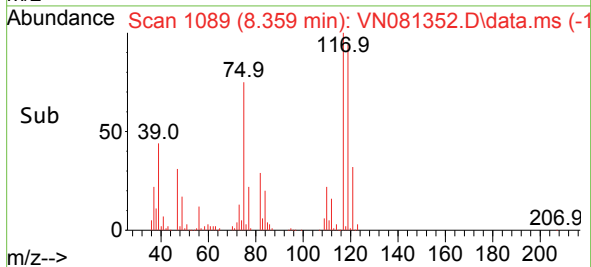
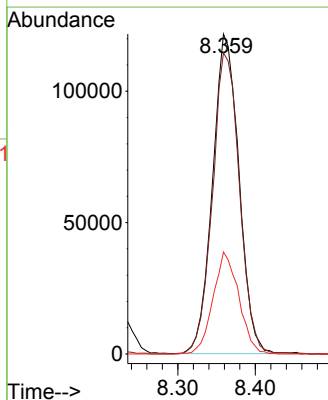
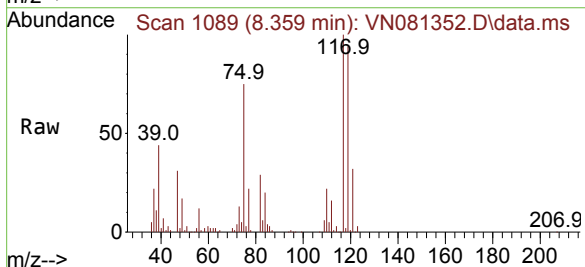
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

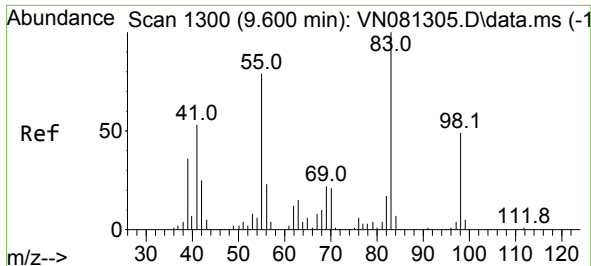
Tgt Ion: 43 Resp: 269654
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 49.324 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 117 Resp: 287971
Ion Ratio Lower Upper
117 100
119 94.0 73.4 110.2
121 31.9 24.4 36.6

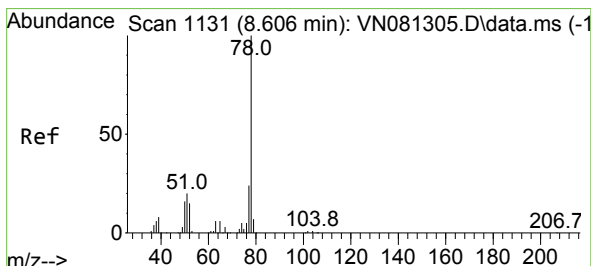
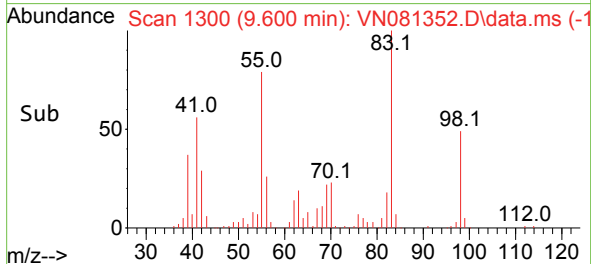
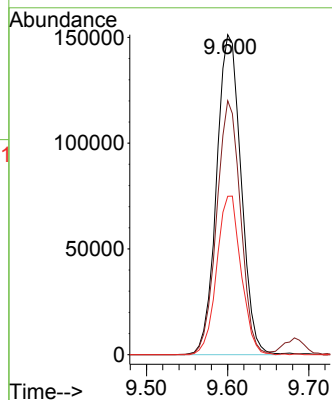
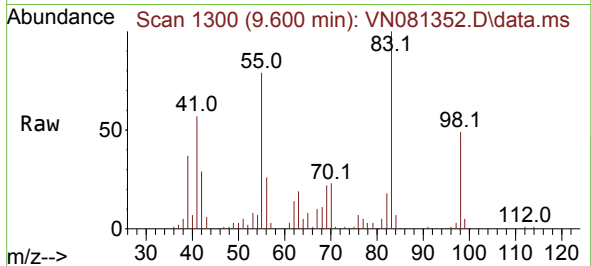




#39
Methylcyclohexane
Concen: 47.551 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

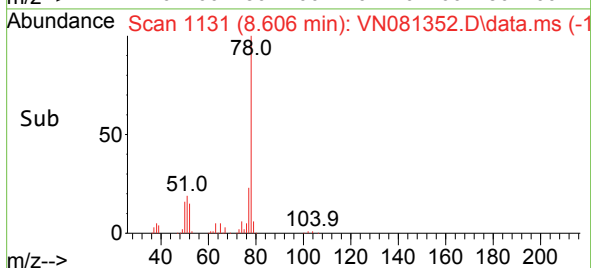
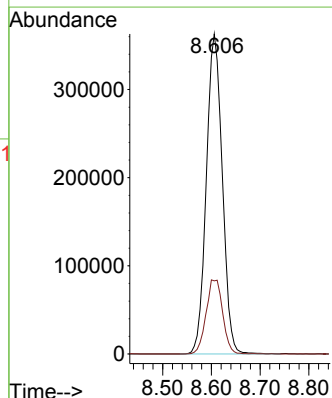
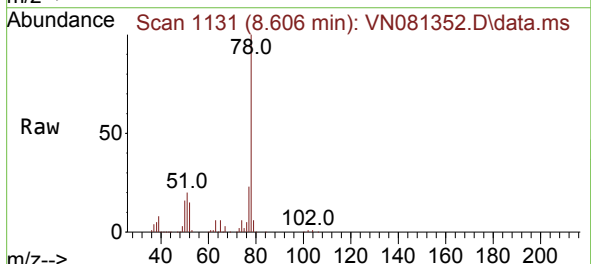
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

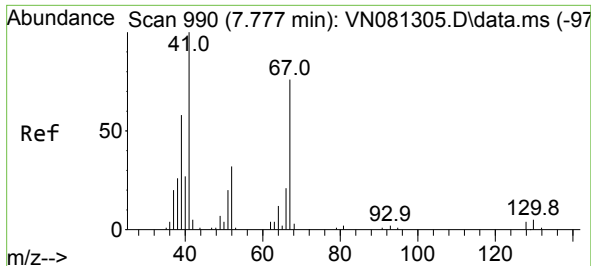
Tgt Ion: 83 Resp: 317459
Ion Ratio Lower Upper
83 100
55 79.2 65.7 98.5
98 49.5 33.8 50.6



#40
Benzene
Concen: 47.679 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 78 Resp: 825575
Ion Ratio Lower Upper
78 100
77 22.9 20.4 30.6

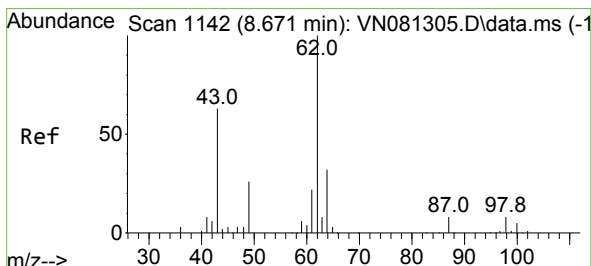
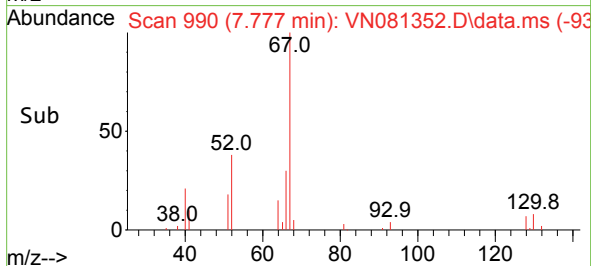
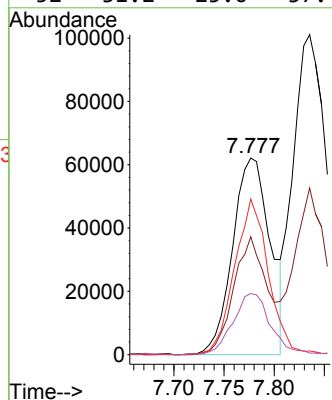
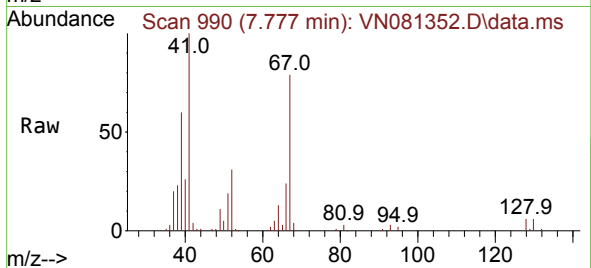




#41
Methacrylonitrile
Concen: 50.675 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

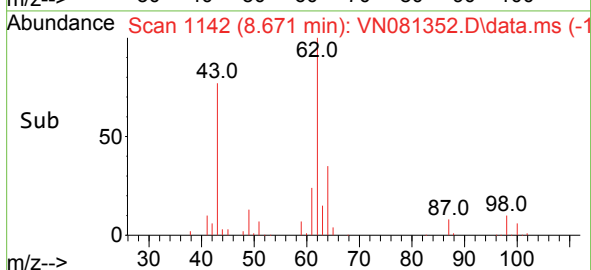
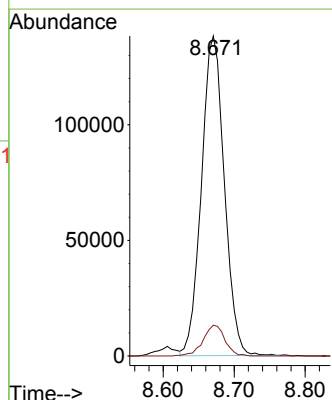
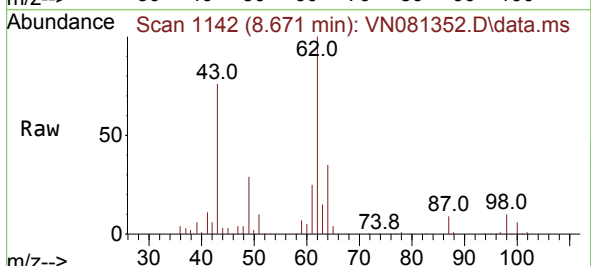
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

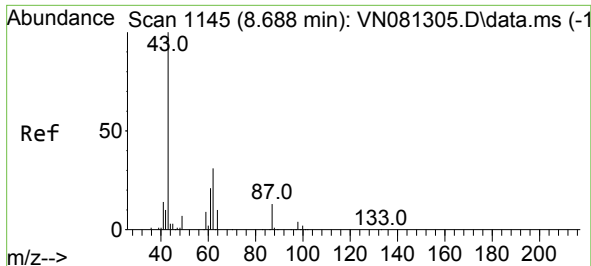
Tgt Ion:	41	Resp:	162281
Ion	Ratio	Lower	Upper
41	100		
39	51.6	48.4	72.6
67	71.6	56.8	85.2
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 50.726 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:	62	Resp:	309692
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

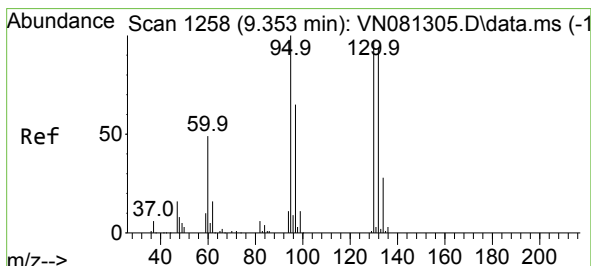
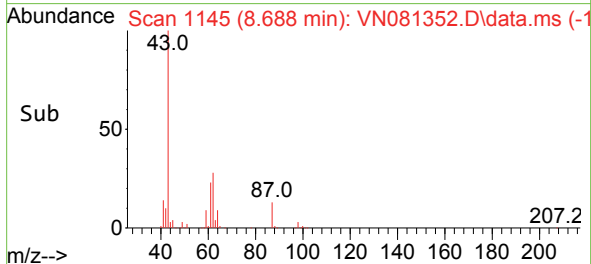
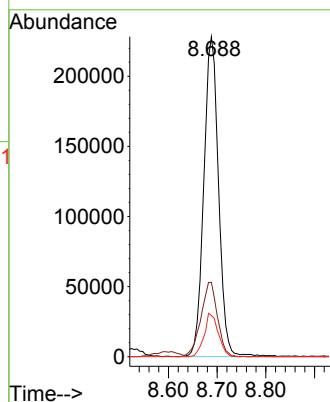
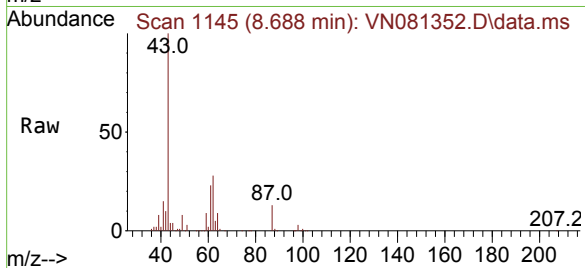




#43
Isopropyl Acetate
Concen: 48.281 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

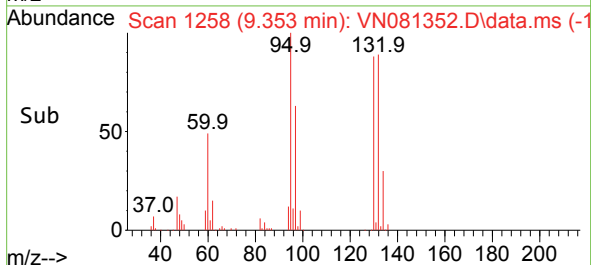
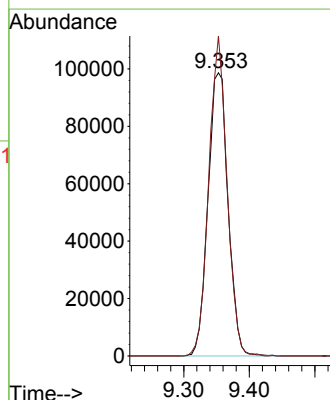
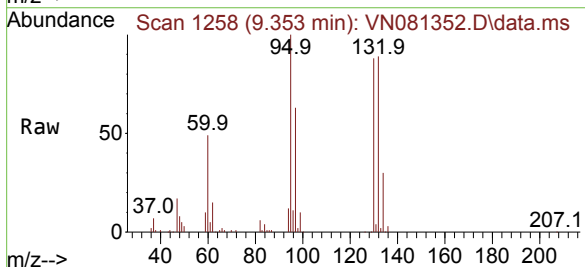
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

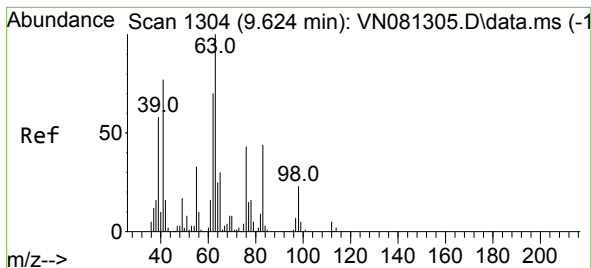
Tgt Ion: 43 Resp: 479207
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.0 9.0 13.6



#44
Trichloroethene
Concen: 48.130 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:130 Resp: 210192
Ion Ratio Lower Upper
130 100
95 113.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 49.760 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

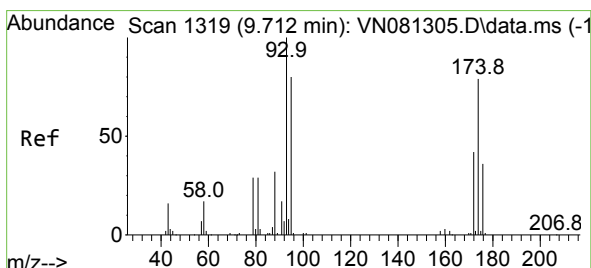
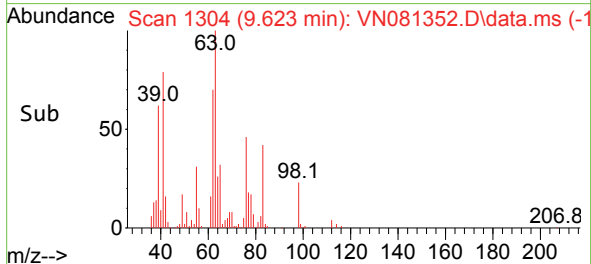
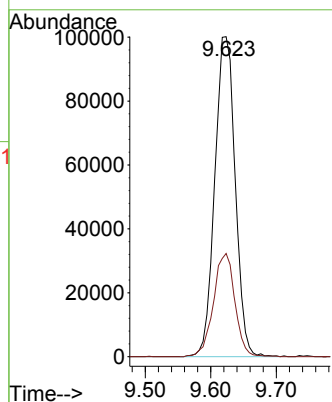
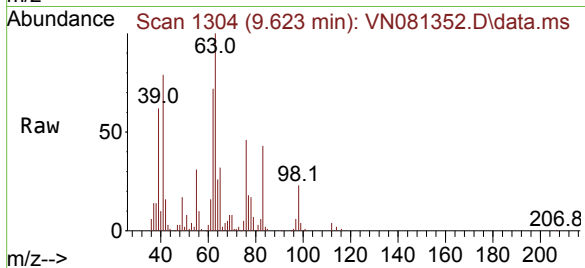
VSTDCCC050

Tgt Ion: 63 Resp: 216448

Ion Ratio Lower Upper

63 100

65 32.2 26.1 39.1



#46

Dibromomethane

Concen: 51.037 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

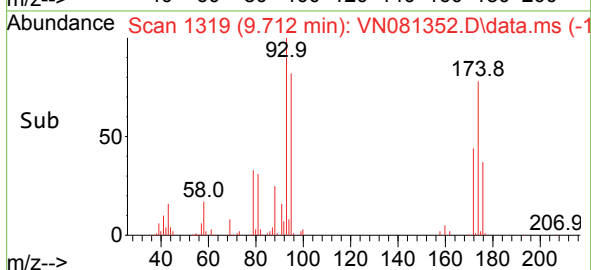
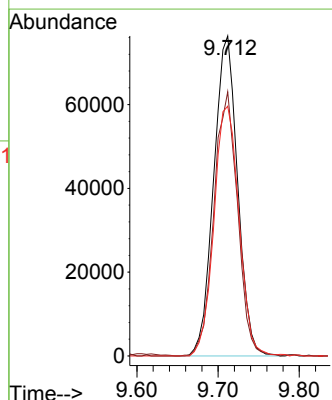
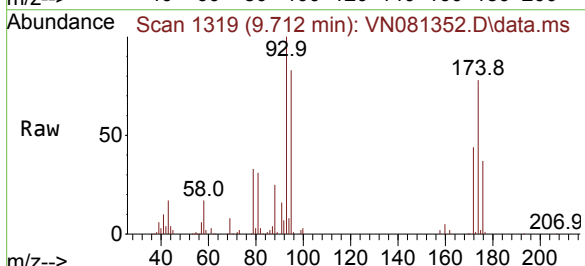
Tgt Ion: 93 Resp: 156481

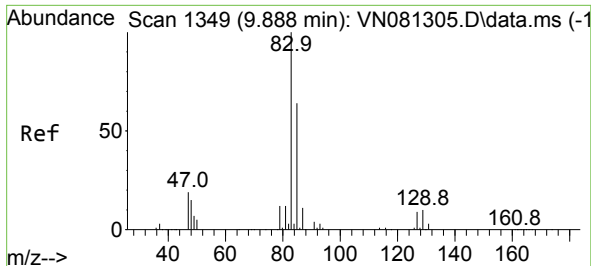
Ion Ratio Lower Upper

93 100

95 81.6 68.1 102.1

174 81.9 57.2 85.8

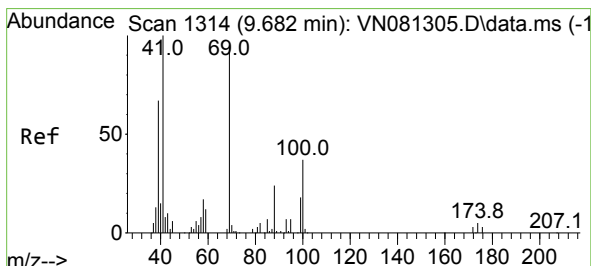
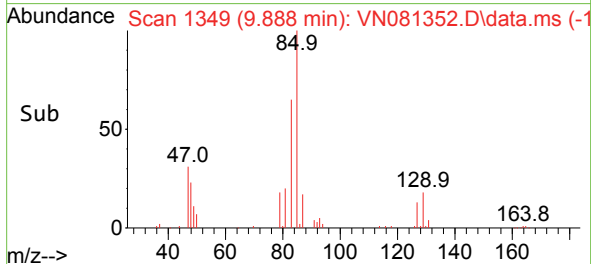
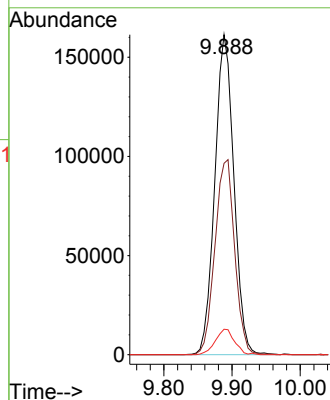
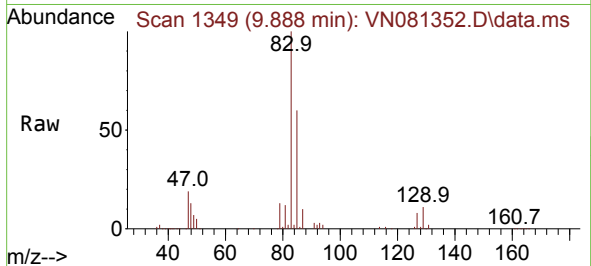




#47
Bromodichloromethane
Concen: 52.828 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

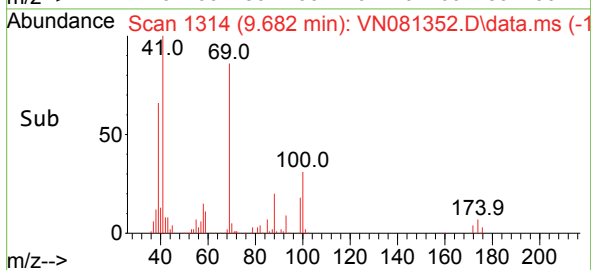
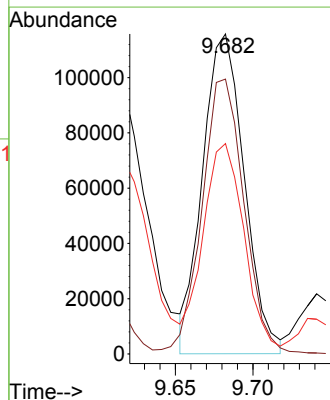
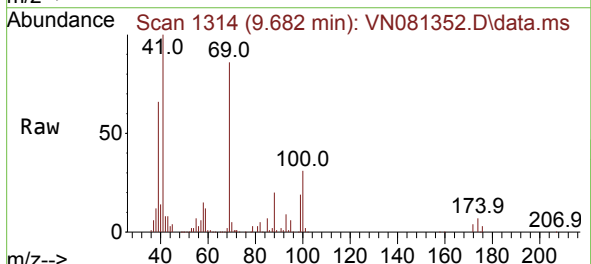
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

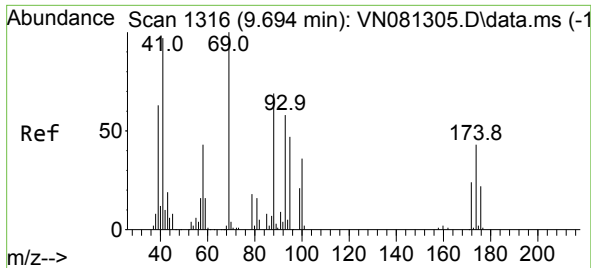
Tgt Ion: 83 Resp: 314435
Ion Ratio Lower Upper
83 100
85 59.8 52.3 78.5
127 8.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 49.334 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 41 Resp: 216440
Ion Ratio Lower Upper
41 100
69 87.3 62.2 93.2
39 65.4 47.6 71.4

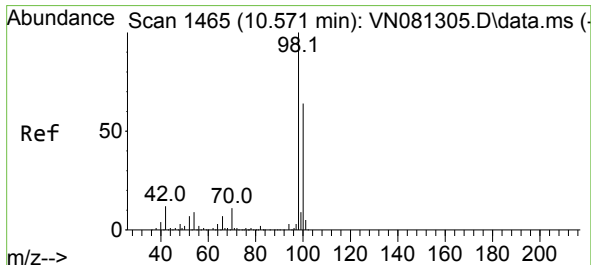
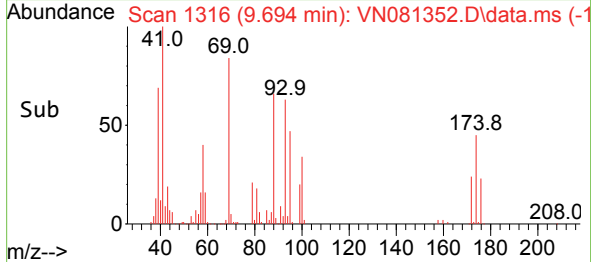
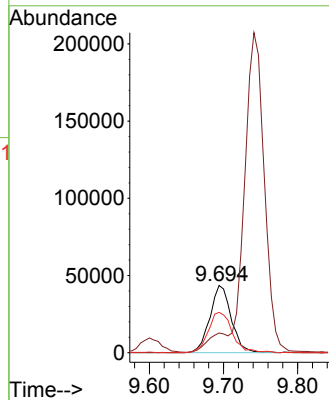
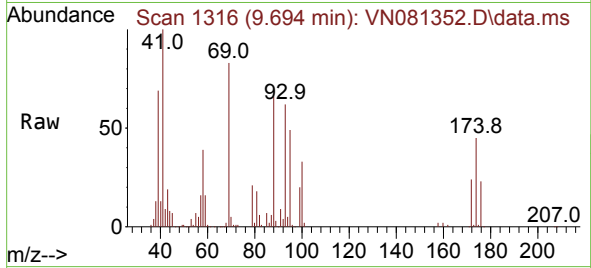




#49
1,4-Dioxane
Concen: 900.278 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

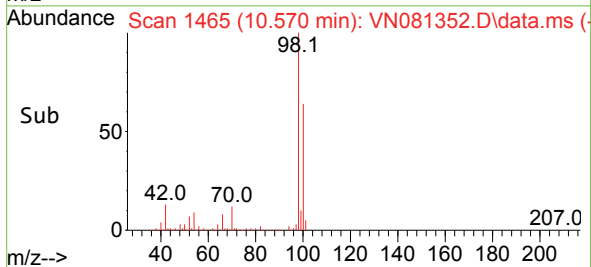
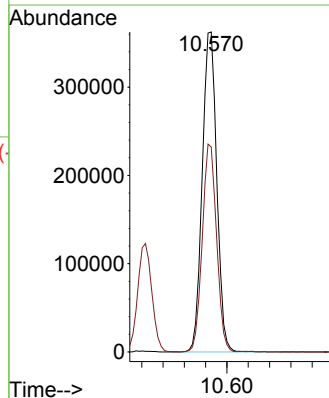
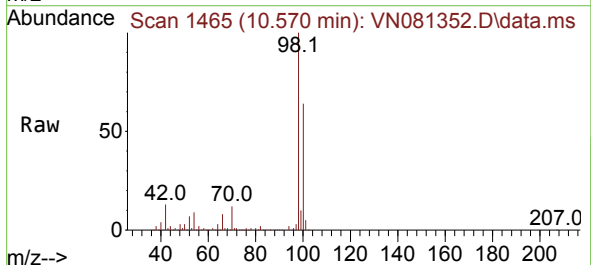
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

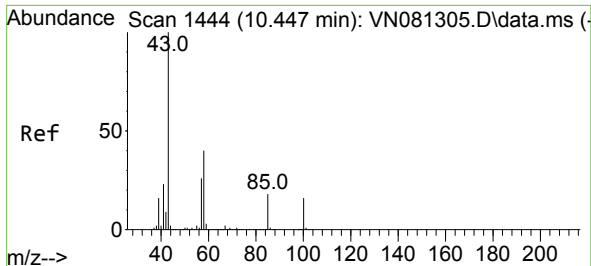
Tgt Ion: 88 Resp: 87057
Ion Ratio Lower Upper
88 100
43 27.6 30.1 45.1#
58 67.3 63.9 95.9



#50
Toluene-d8
Concen: 50.974 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 98 Resp: 685179
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

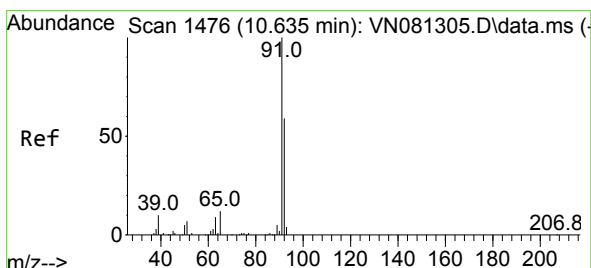
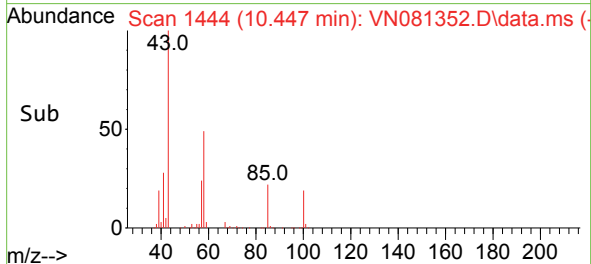
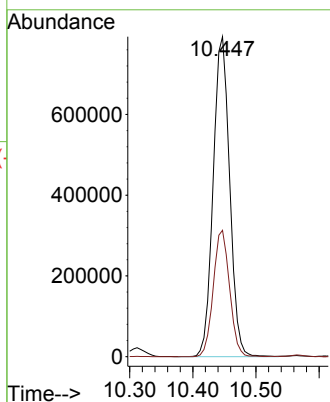
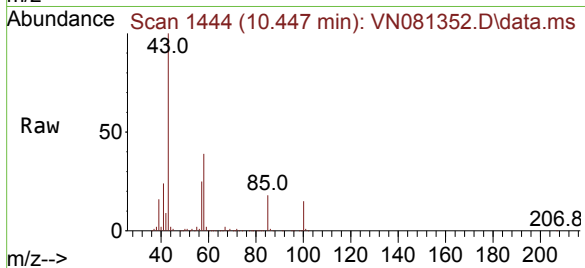




#51
4-Methyl-2-Pentanone
Concen: 249.602 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

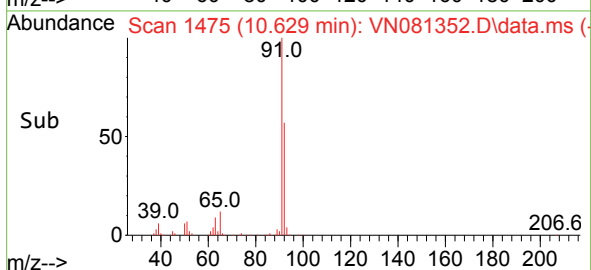
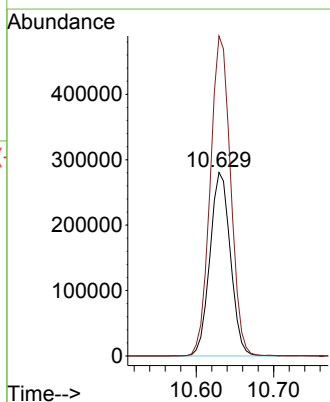
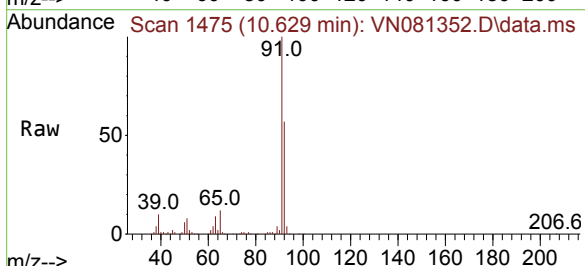
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

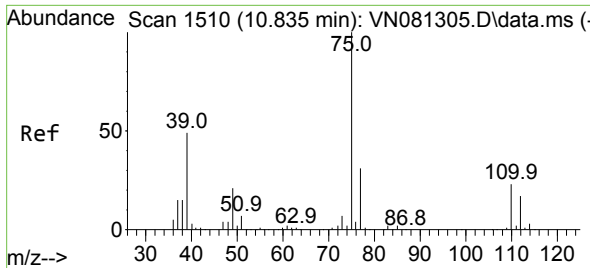
Tgt Ion: 43 Resp: 1438505
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0



#52
Toluene
Concen: 49.202 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 92 Resp: 514647
Ion Ratio Lower Upper
92 100
91 173.7 139.4 209.0

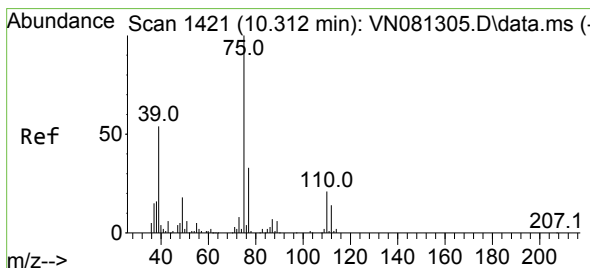
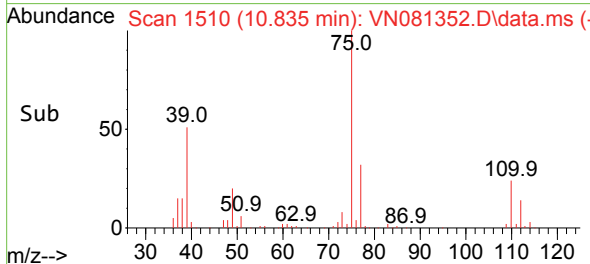
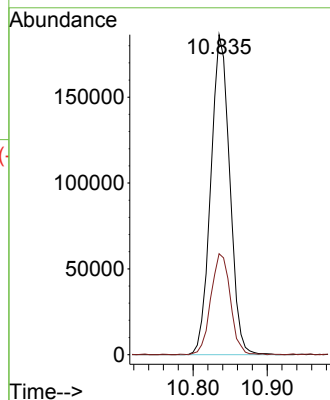
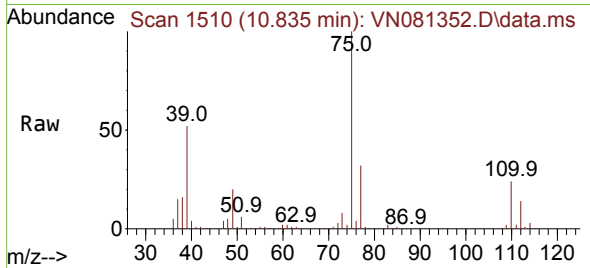




#53
 t-1,3-Dichloropropene
 Concen: 51.367 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

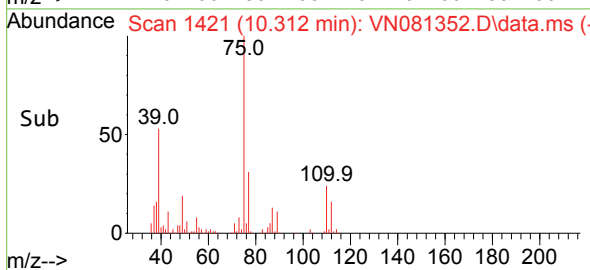
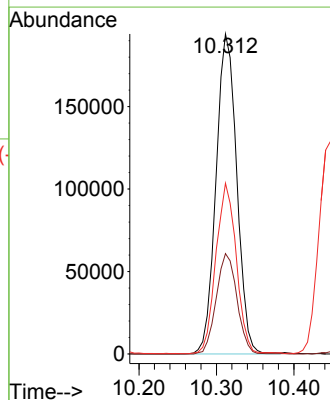
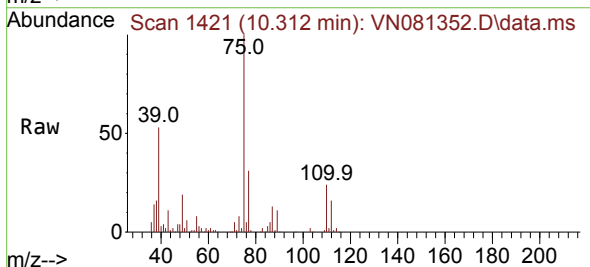
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

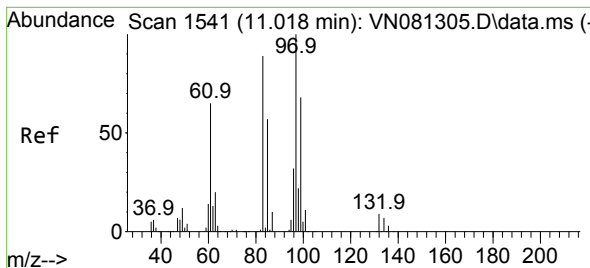
Tgt Ion: 75 Resp: 330804
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.050 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion: 75 Resp: 361861
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.3 34.9
 39 53.3 44.6 66.8

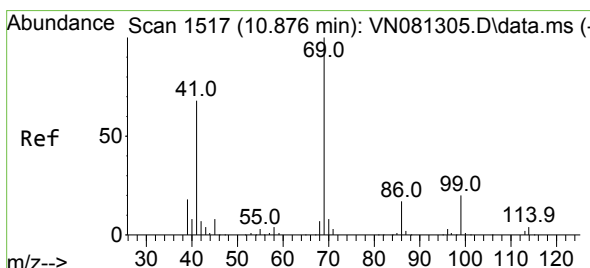
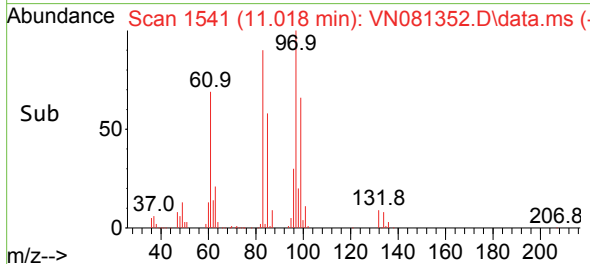
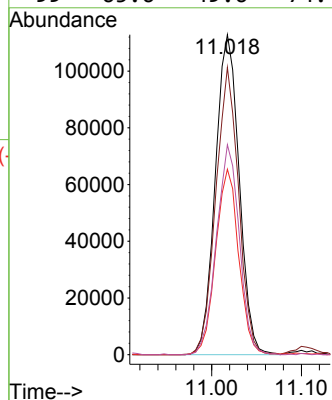
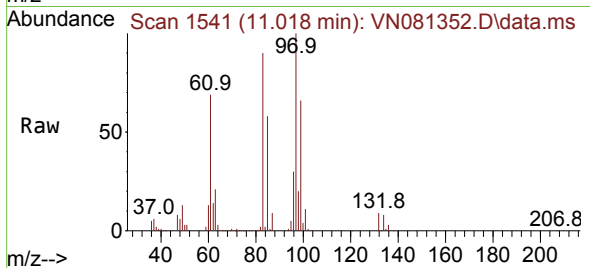




#55
1,1,2-Trichloroethane
Concen: 50.160 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

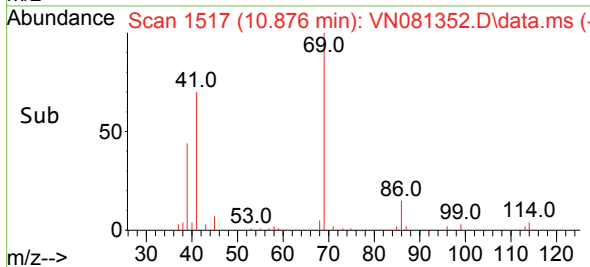
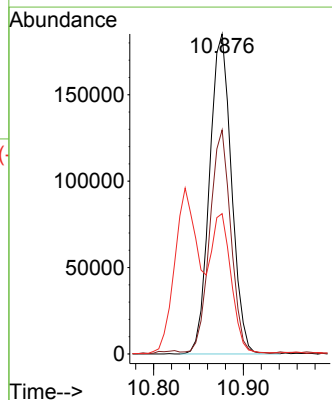
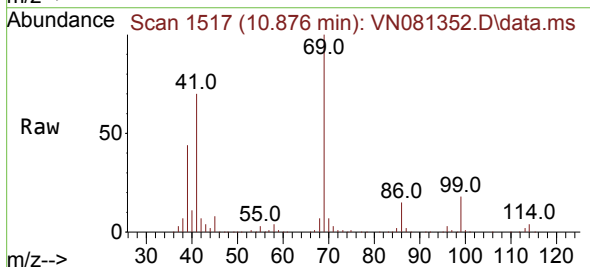
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

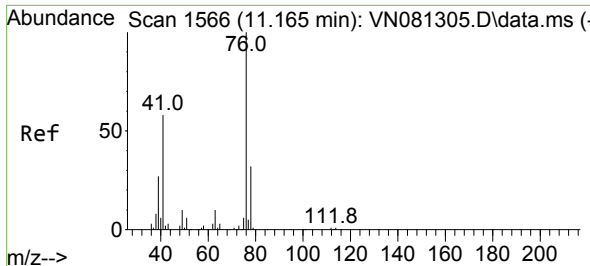
Tgt Ion: 97 Resp: 208060
Ion Ratio Lower Upper
97 100
83 89.8 72.9 109.3
85 58.0 50.2 75.2
99 65.6 49.6 74.4



#56
Ethyl methacrylate
Concen: 52.798 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 69 Resp: 314469
Ion Ratio Lower Upper
69 100
41 67.1 61.0 91.6
39 38.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 50.626 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

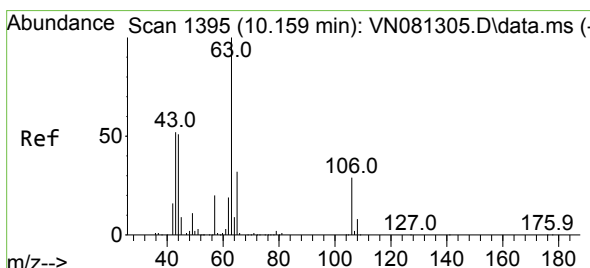
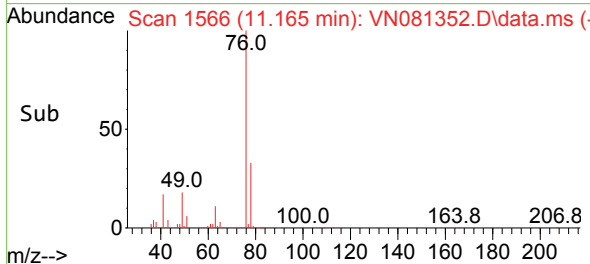
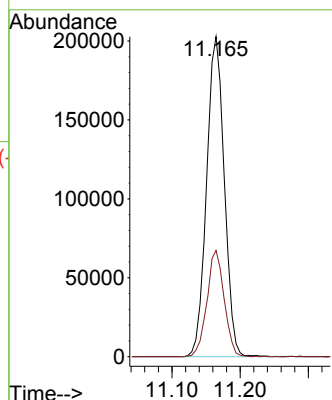
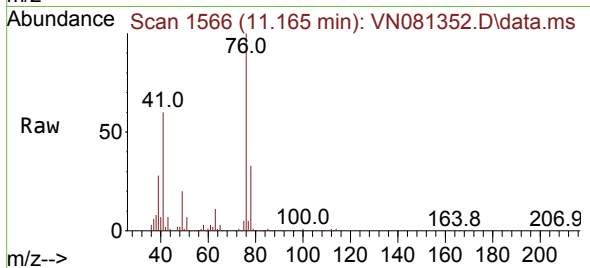
VSTDCCC050

Tgt Ion: 76 Resp: 366495

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 259.199 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081352.D

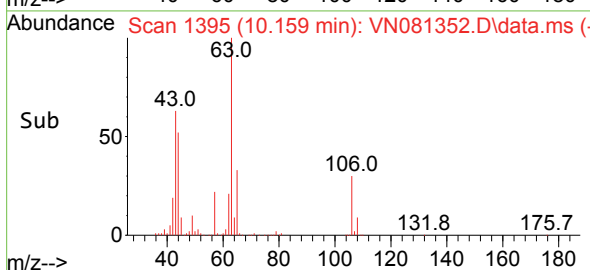
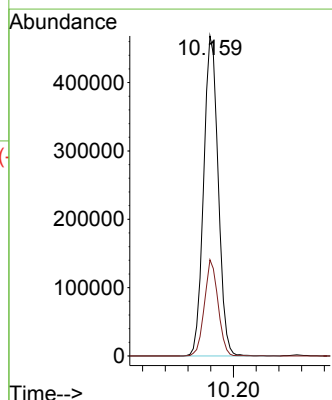
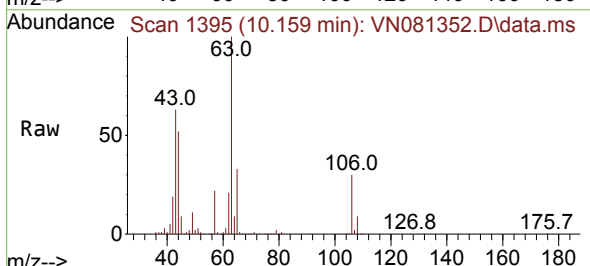
Acq: 11 Mar 2024 10:21

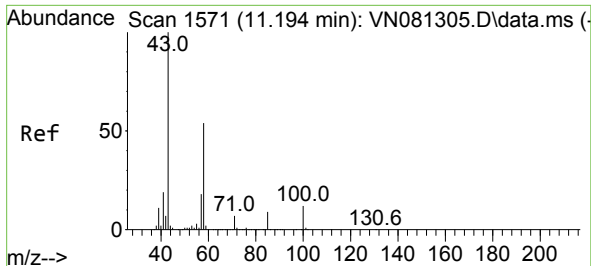
Tgt Ion: 63 Resp: 830443

Ion Ratio Lower Upper

63 100

106 28.2 18.6 28.0#





#59

2-Hexanone

Concen: 248.368 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

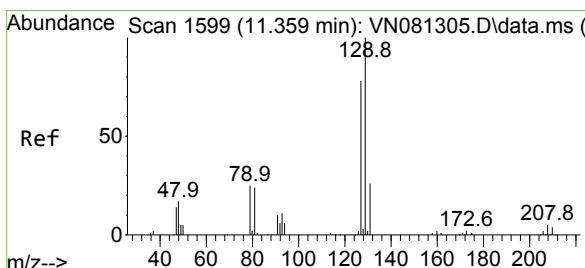
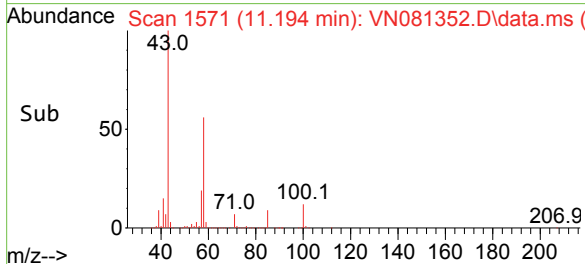
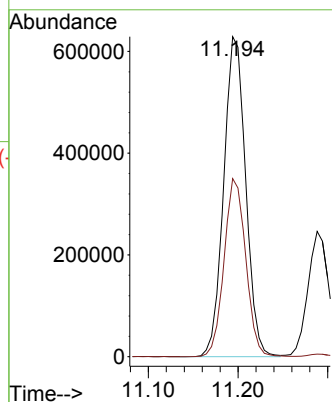
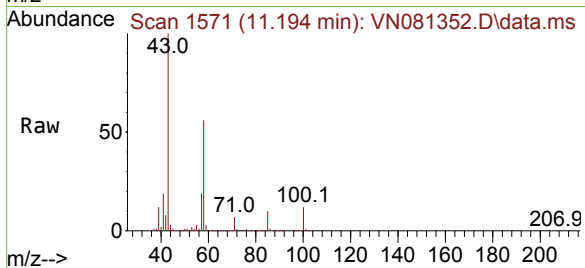
VSTDCCC050

Tgt Ion: 43 Resp: 1070092

Ion Ratio Lower Upper

43 100

58 54.9 25.9 77.8



#60

Dibromochloromethane

Concen: 53.384 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN081352.D

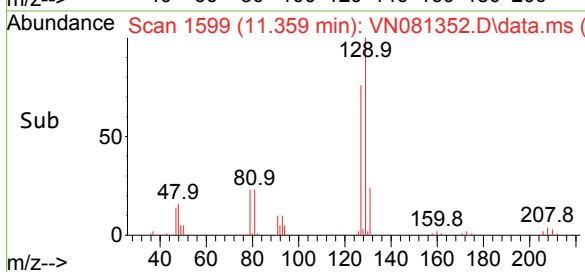
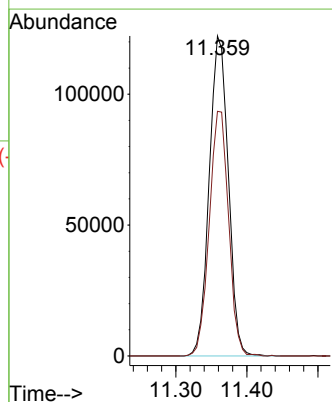
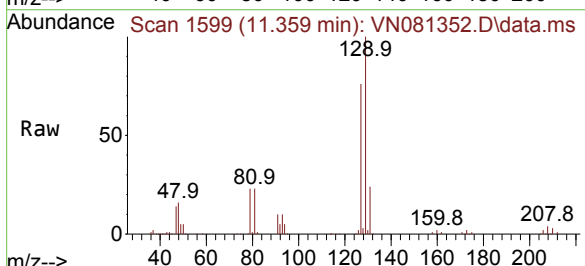
Acq: 11 Mar 2024 10:21

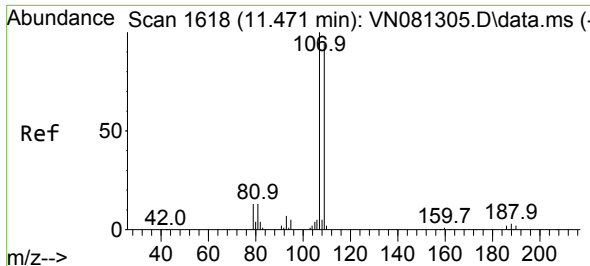
Tgt Ion:129 Resp: 228050

Ion Ratio Lower Upper

129 100

127 77.2 39.4 118.2

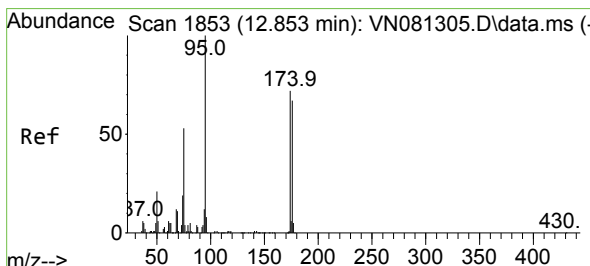
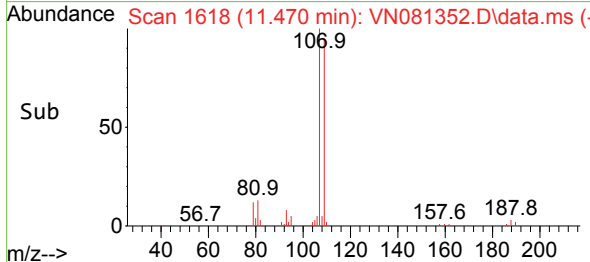
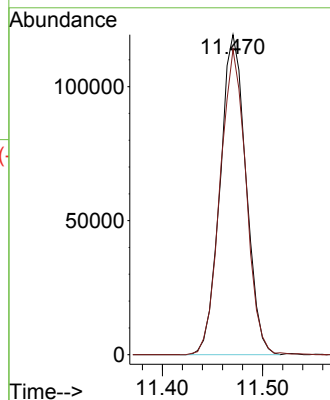
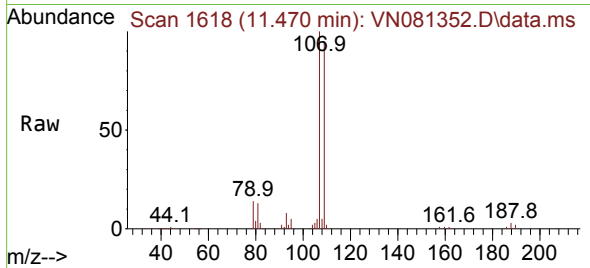




#61
1,2-Dibromoethane
Concen: 49.689 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

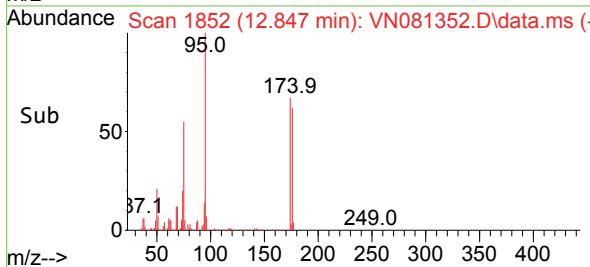
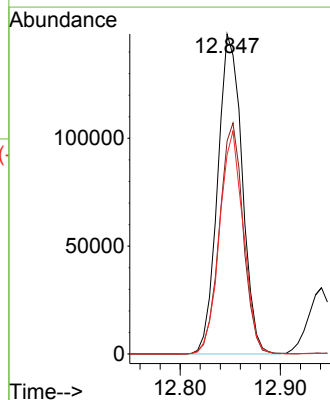
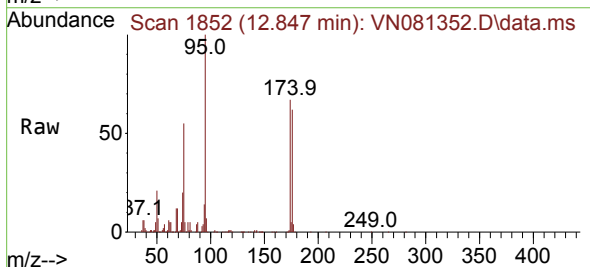
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

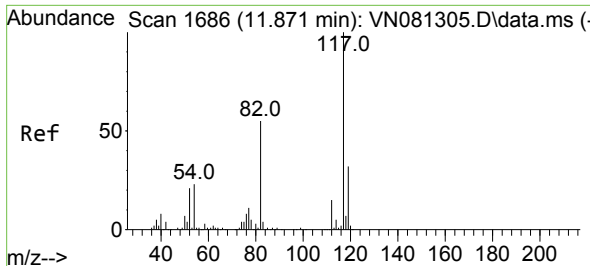
Tgt Ion:107 Resp: 213852
Ion Ratio Lower Upper
107 100
109 95.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 52.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 95 Resp: 251095
Ion Ratio Lower Upper
95 100
174 70.0 0.0 120.4
176 68.0 0.0 121.0

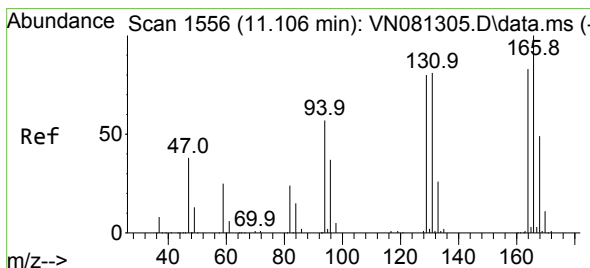
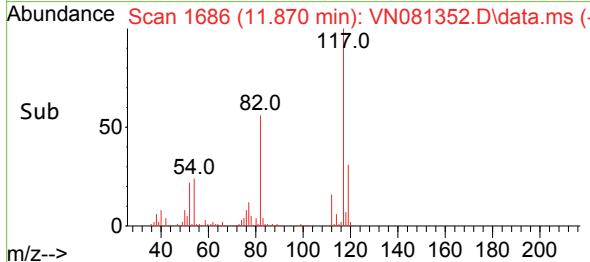
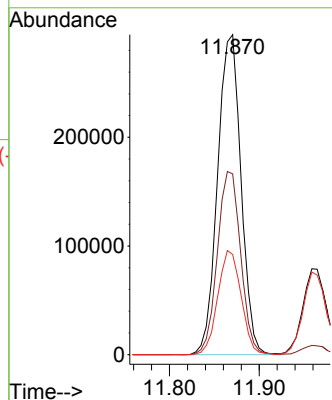
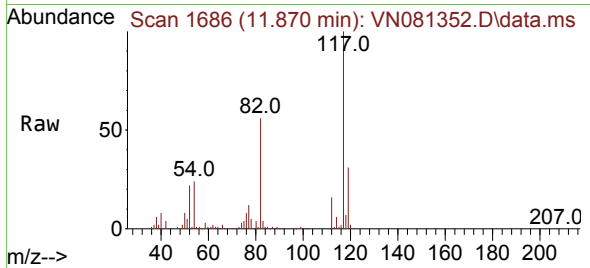




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

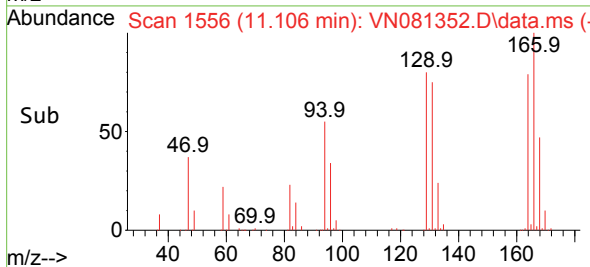
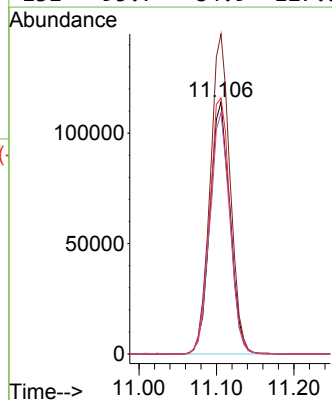
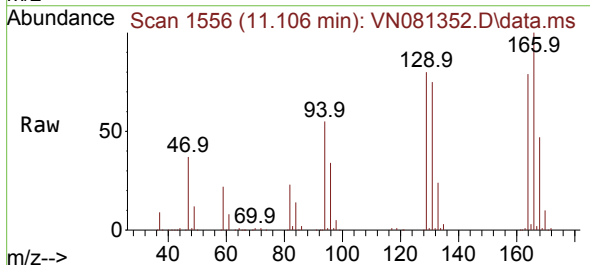
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

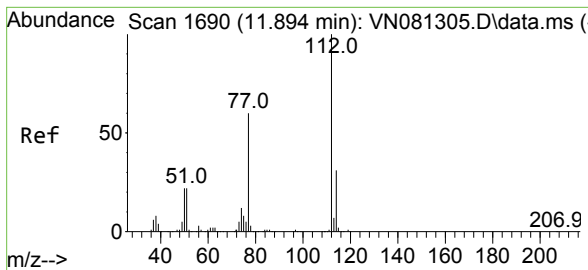
Tgt Ion:117 Resp: 534033
Ion Ratio Lower Upper
117 100
82 56.5 52.7 79.1
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 49.176 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:164 Resp: 205626
Ion Ratio Lower Upper
164 100
166 127.0 105.8 158.6
129 101.6 89.6 134.4
131 95.7 84.9 127.3

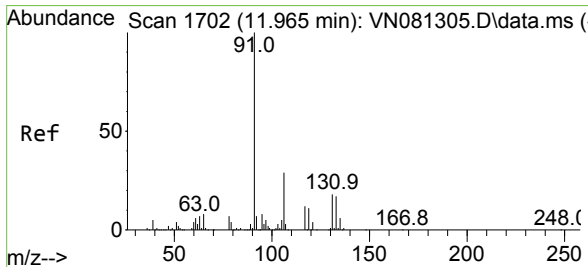
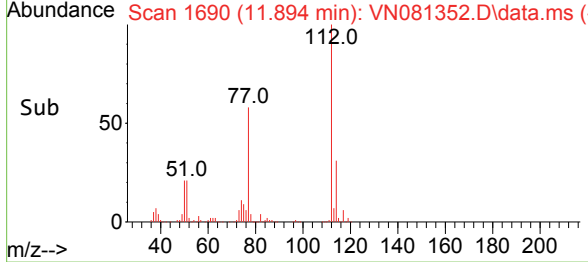
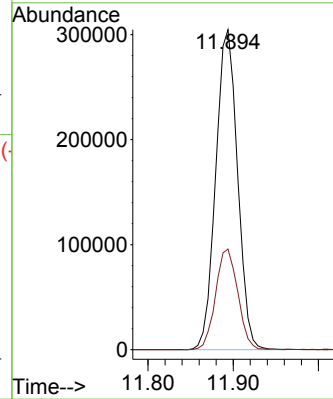
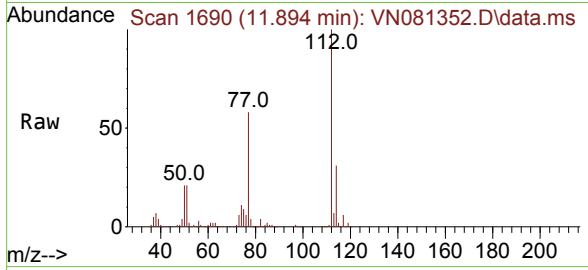




#65
Chlorobenzene
Concen: 48.155 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

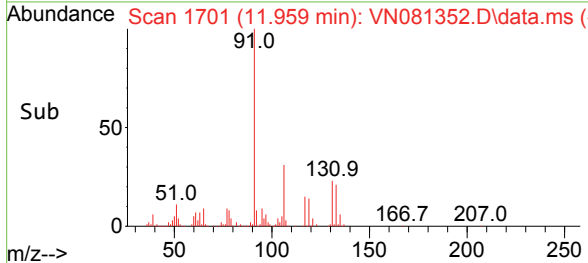
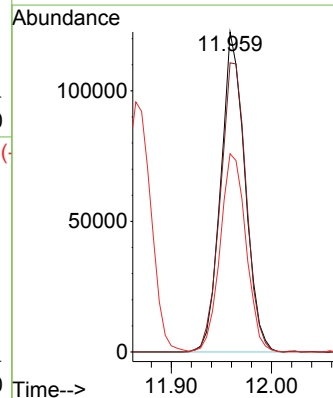
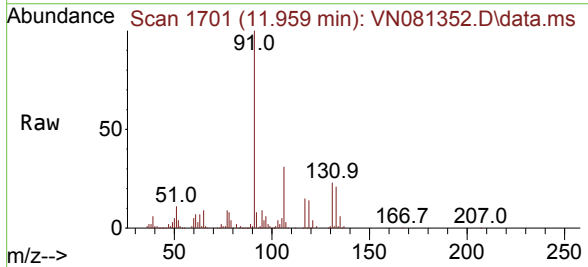
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

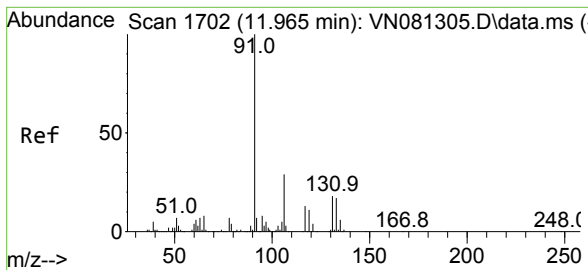
Tgt Ion:112 Resp: 541912
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:131 Resp: 205230
Ion Ratio Lower Upper
131 100
133 97.2 46.8 140.3
119 66.2 34.6 103.9

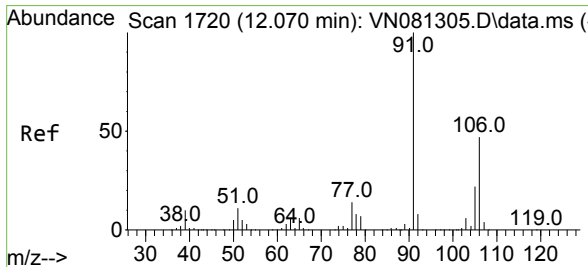
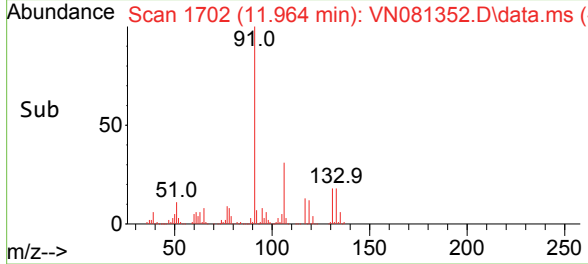
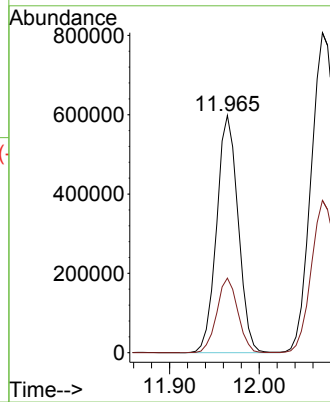
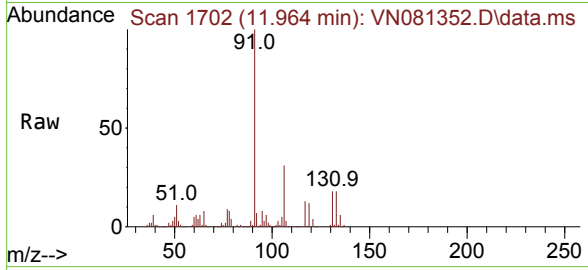




#67
Ethyl Benzene
Concen: 49.087 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

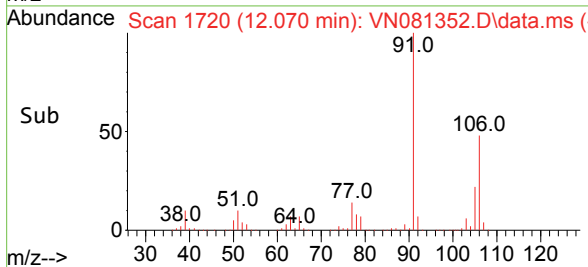
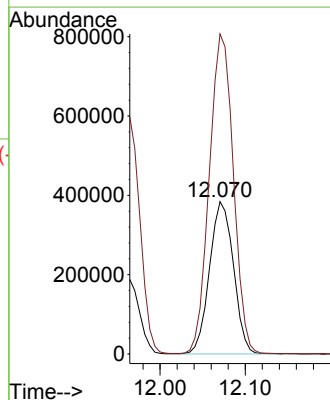
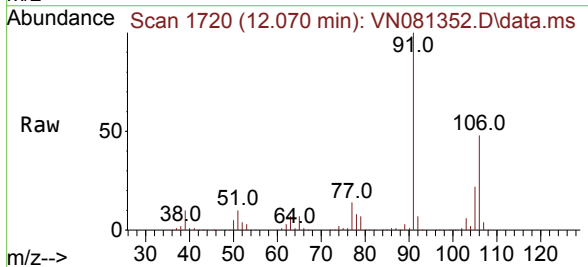
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

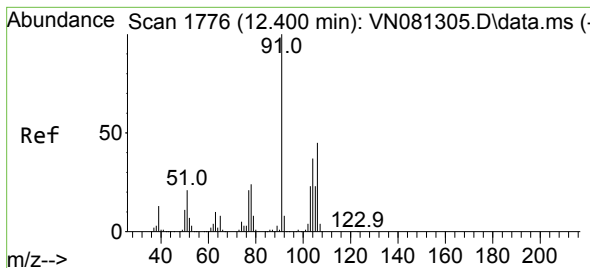
Tgt Ion: 91 Resp: 995055
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 98.144 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 106 Resp: 748735
Ion Ratio Lower Upper
106 100
91 211.8 169.0 253.6





#69

o-Xylene

Concen: 48.689 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

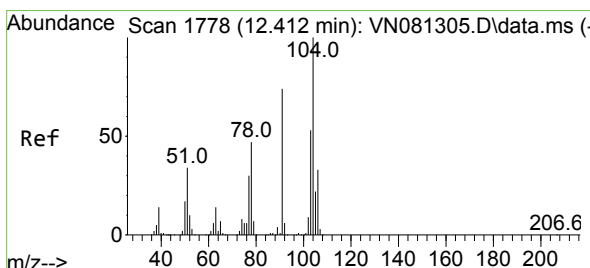
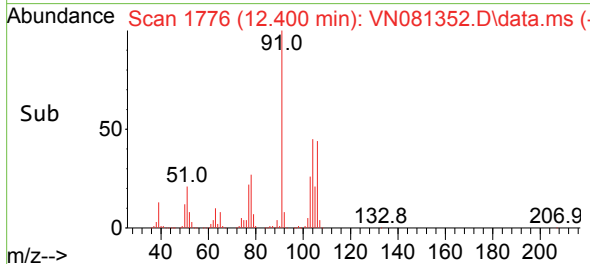
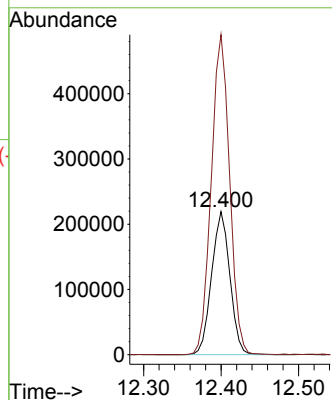
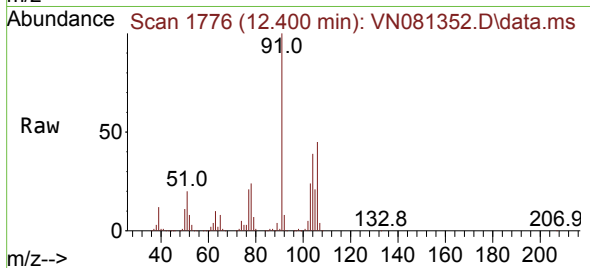
VSTDCCC050

Tgt Ion:106 Resp: 359988

Ion Ratio Lower Upper

106 100

91 225.5 112.1 336.3



#70

Styrene

Concen: 52.574 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

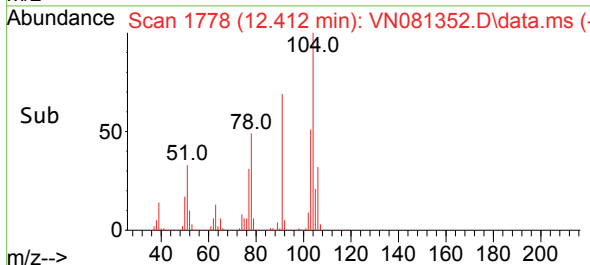
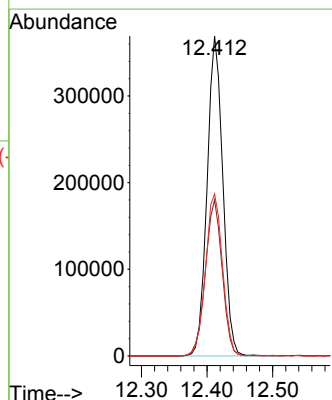
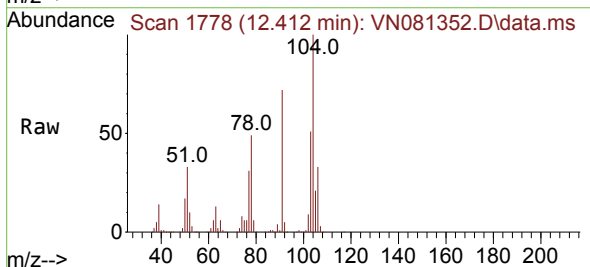
Tgt Ion:104 Resp: 615999

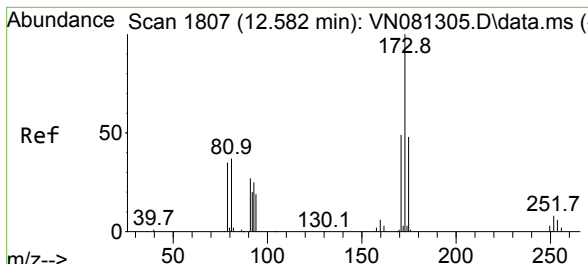
Ion Ratio Lower Upper

104 100

78 51.9 43.8 65.8

103 54.9 44.2 66.2

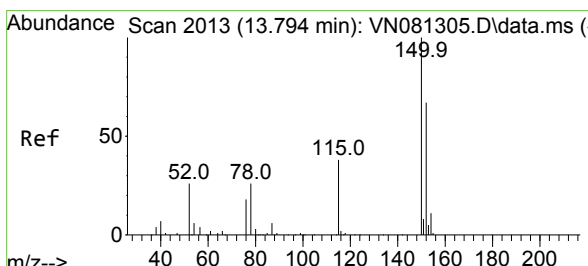
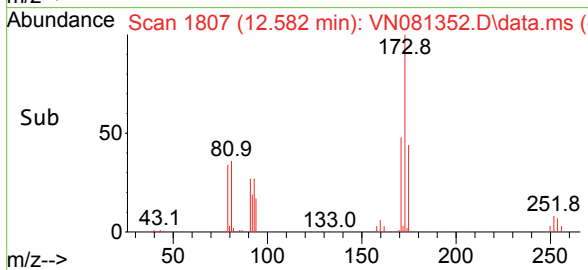
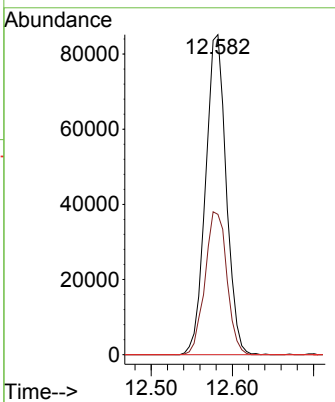
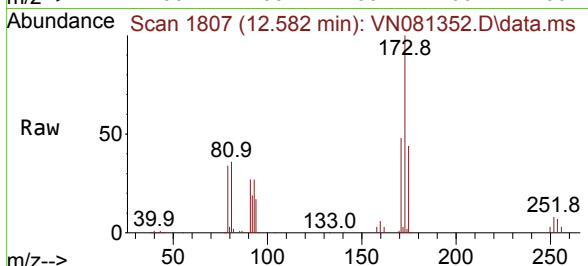




#71
 Bromoform
 Concen: 52.520 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

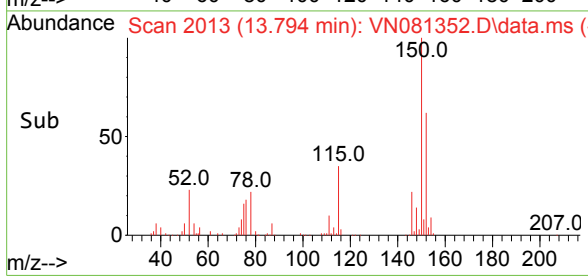
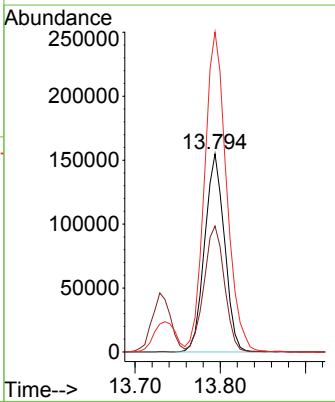
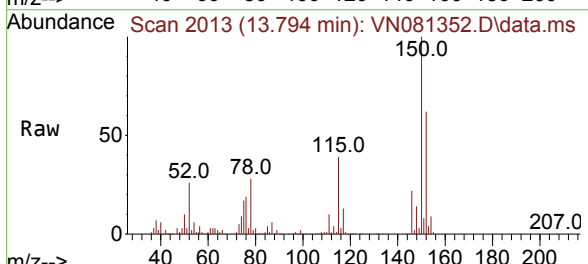
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

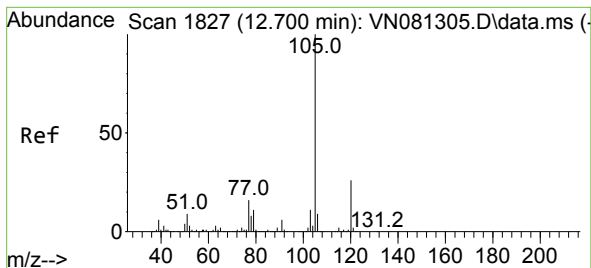
Tgt Ion:	173	Resp:	150148
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.1	69.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion:	152	Resp:	250547
Ion Ratio	Lower	Upper	
152	100		
115	65.4	32.3	96.8
150	178.5	0.0	339.8





#73

Isopropylbenzene

Concen: 47.687 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

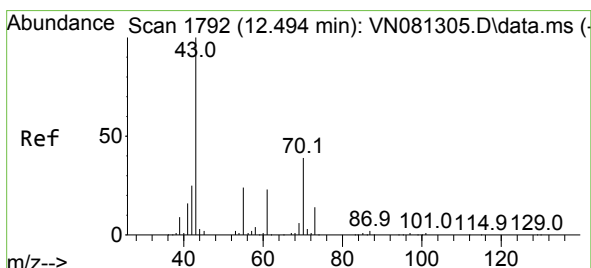
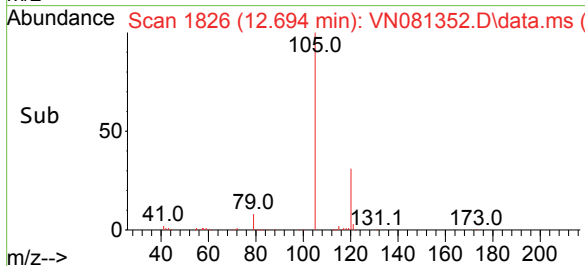
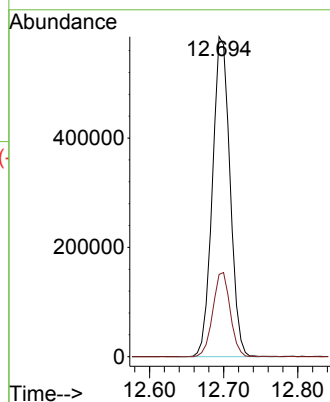
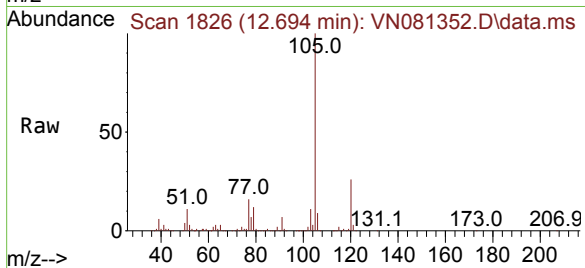
VSTDCCC050

Tgt Ion:105 Resp: 964791

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.6



#74

N-ethyl acetate

Concen: 49.328 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Tgt Ion: 43 Resp: 418743

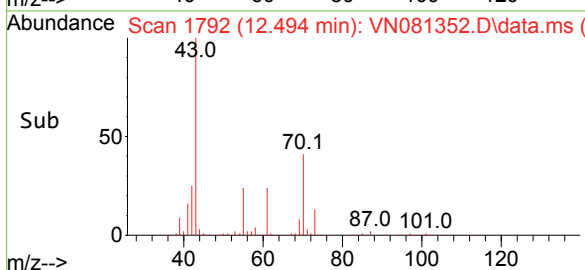
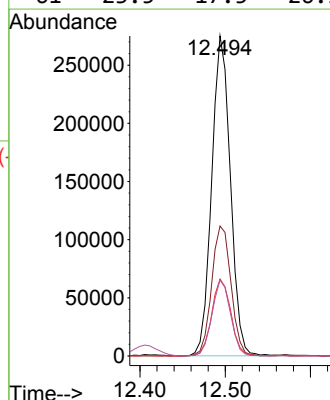
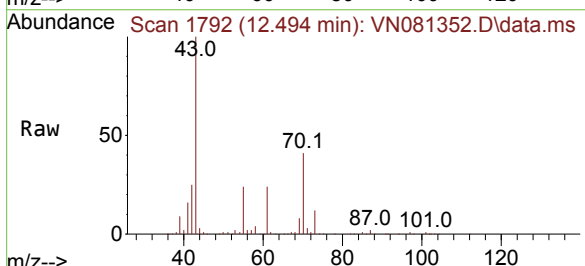
Ion Ratio Lower Upper

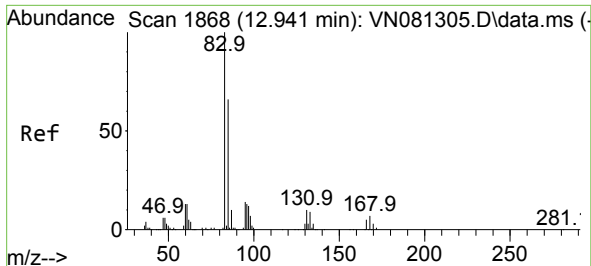
43 100

70 42.2 30.1 45.1

55 24.8 17.0 25.4

61 23.5 17.5 26.3

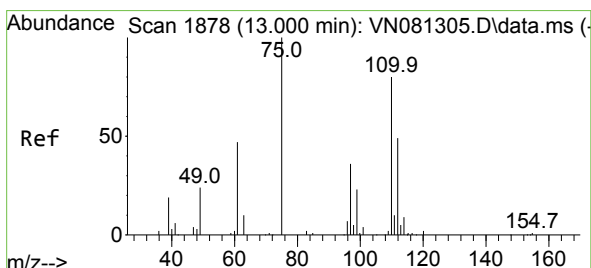
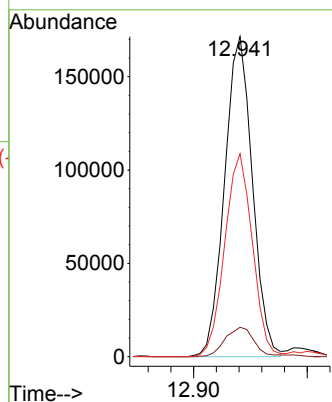
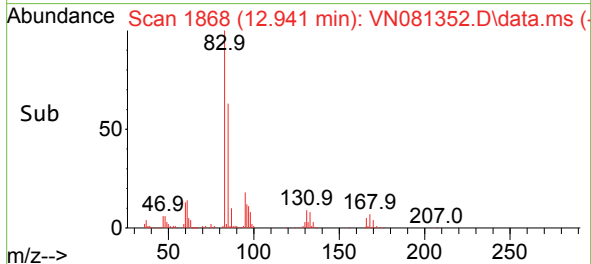
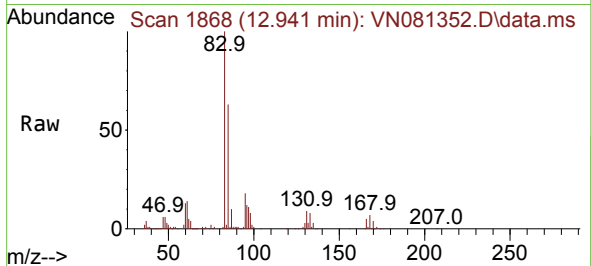




#75
1,1,2,2-Tetrachloroethane
Concen: 46.729 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

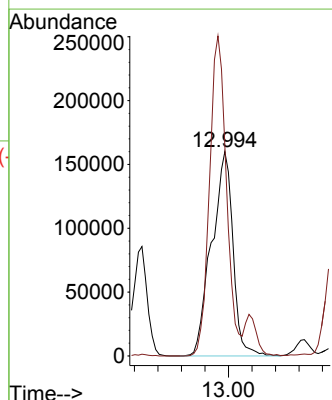
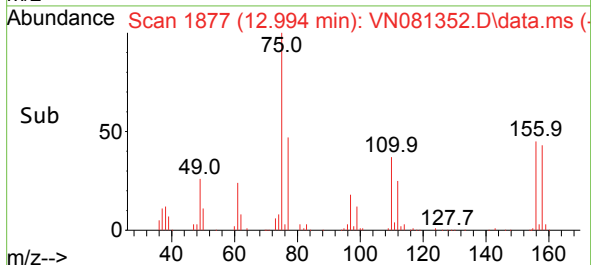
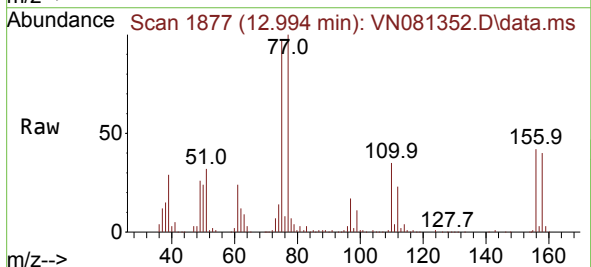
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

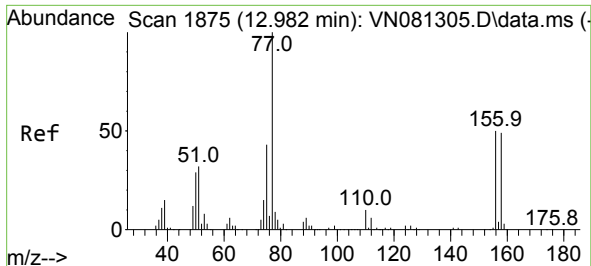
Tgt Ion: 83 Resp: 291765
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 63.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 68.231 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 75 Resp: 403780
Ion Ratio Lower Upper
75 100
77 124.6 91.0 272.8

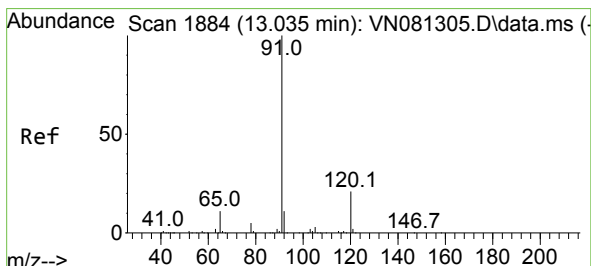
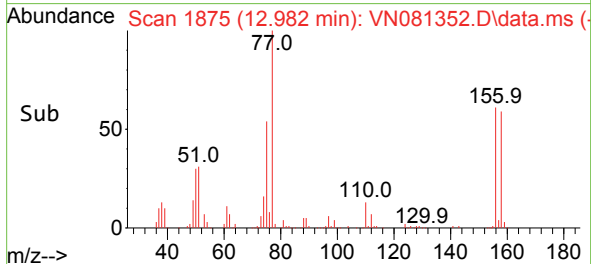
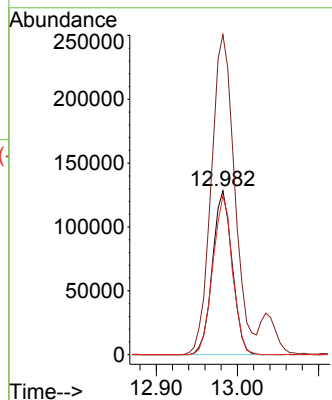
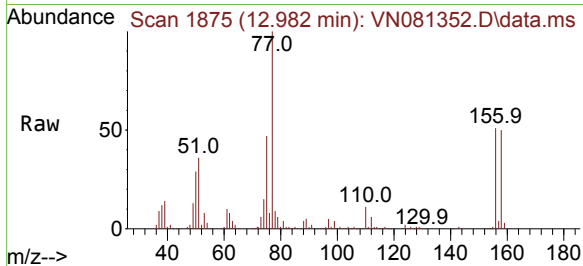




#77
Bromobenzene
Concen: 45.257 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

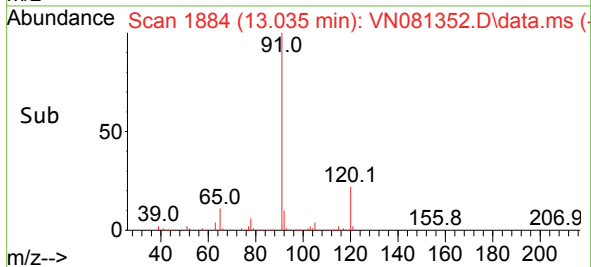
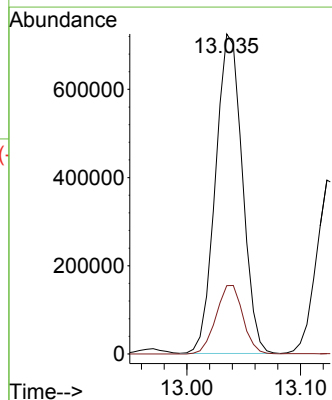
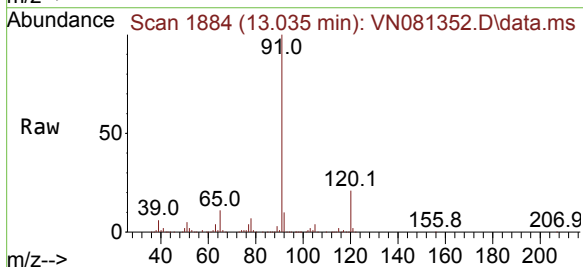
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

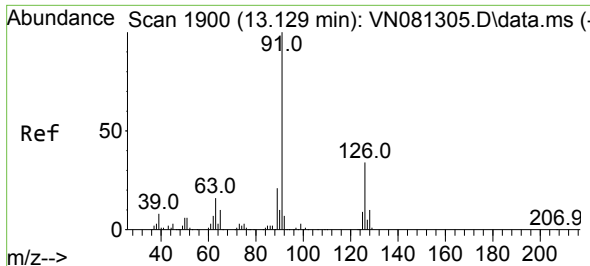
Tgt Ion:156 Resp: 217090
Ion Ratio Lower Upper
156 100
77 231.8 138.1 414.3
158 96.5 46.5 139.5



#78
n-propylbenzene
Concen: 49.672 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 91 Resp: 1188627
Ion Ratio Lower Upper
91 100
120 21.5 10.3 30.9

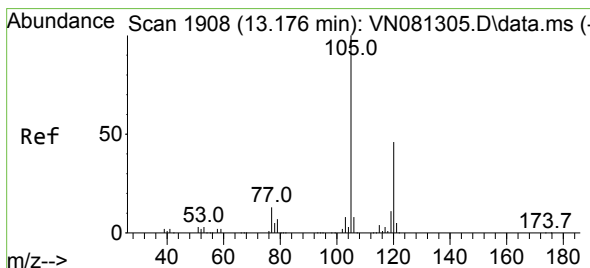
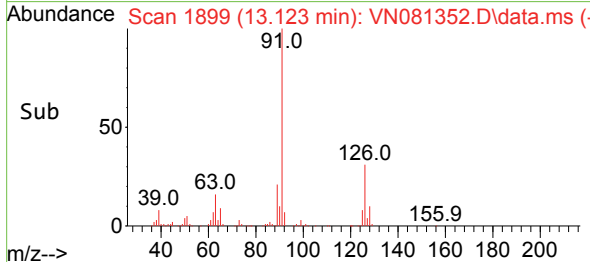
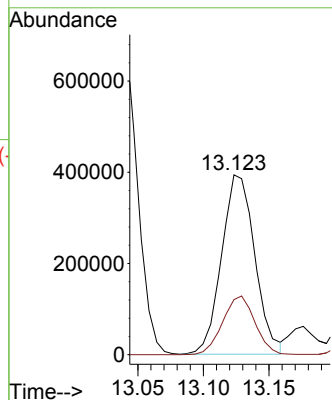
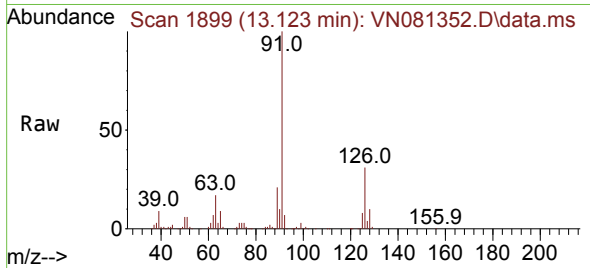




#79
2-Chlorotoluene
Concen: 47.507 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

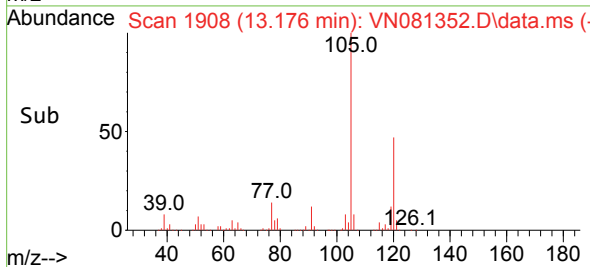
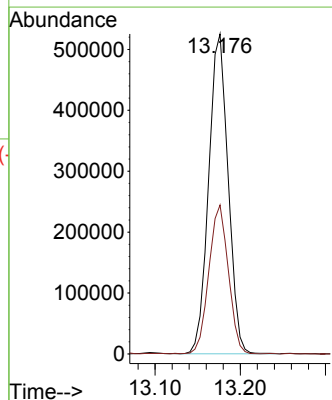
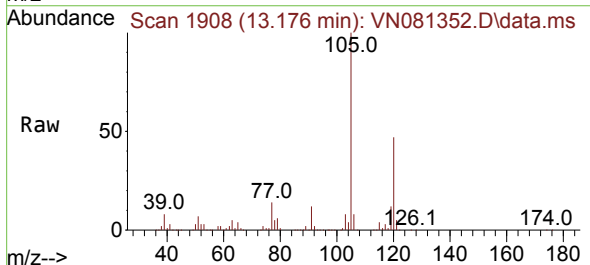
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

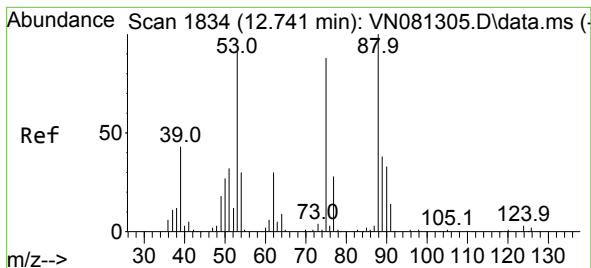
Tgt Ion: 91 Resp: 694881
Ion Ratio Lower Upper
91 100
126 31.8 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 49.719 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 105 Resp: 831507
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0

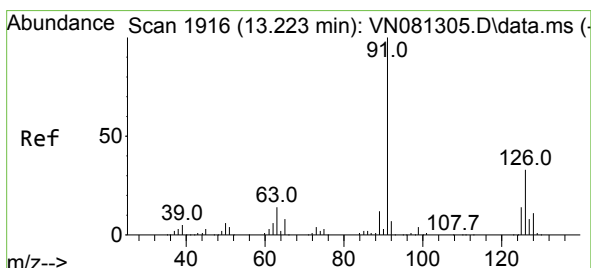
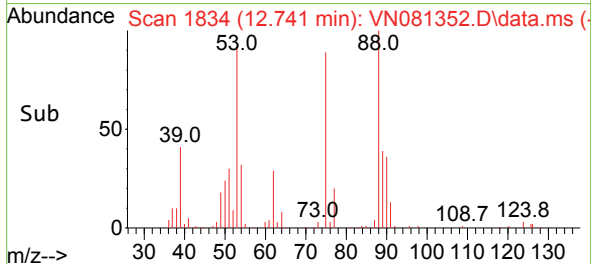
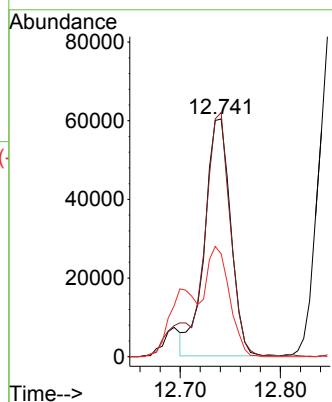
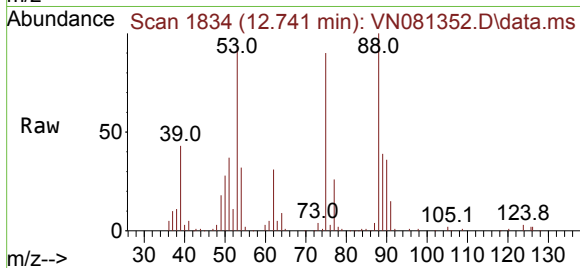




#81
trans-1,4-Dichloro-2-butene
Concen: 51.279 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

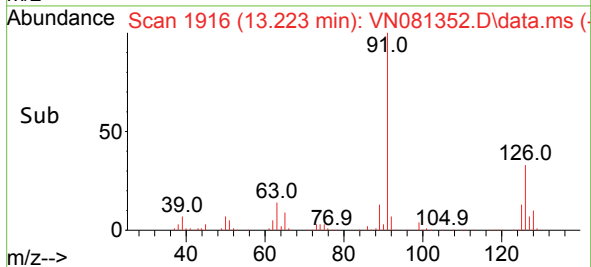
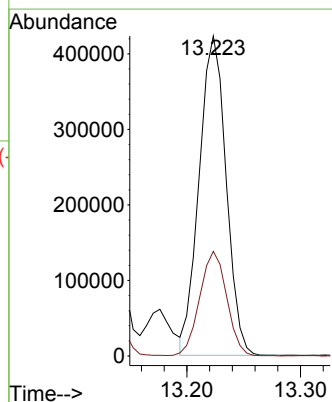
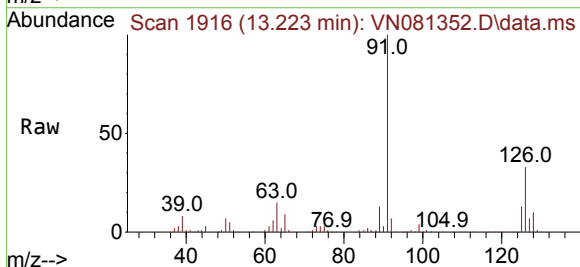
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

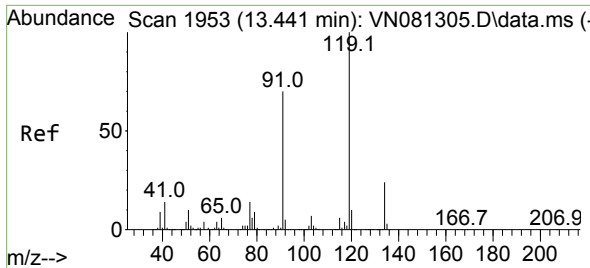
Tgt Ion: 75 Resp: 108735
Ion Ratio Lower Upper
75 100
53 110.8 71.4 107.2#
89 42.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 48.197 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion: 91 Resp: 696320
Ion Ratio Lower Upper
91 100
126 32.9 15.3 45.9

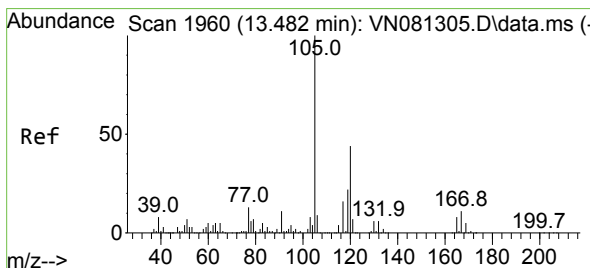
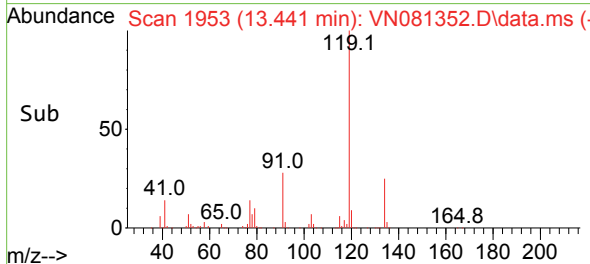
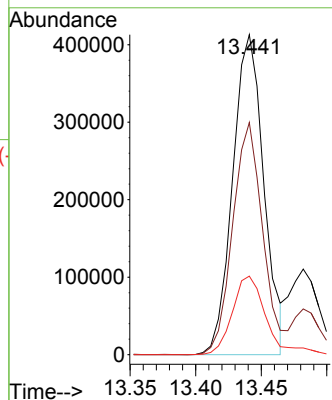
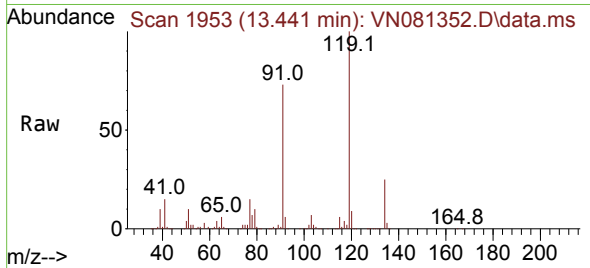




#83
 tert-Butylbenzene
 Concen: 47.623 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

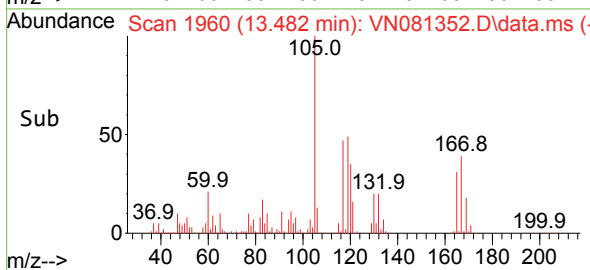
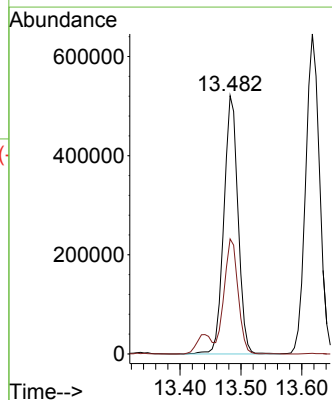
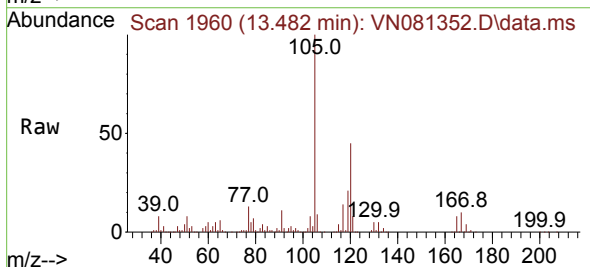
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

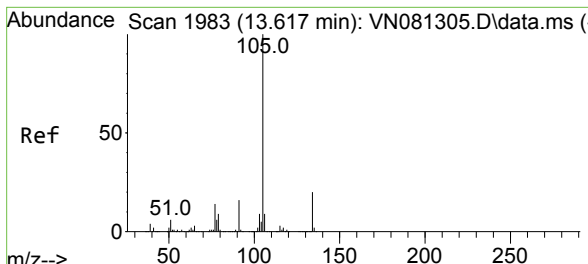
Tgt Ion:119 Resp: 682811
 Ion Ratio Lower Upper
 119 100
 91 70.9 36.8 110.4
 134 26.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.717 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion:105 Resp: 842415
 Ion Ratio Lower Upper
 105 100
 120 43.5 20.9 62.7

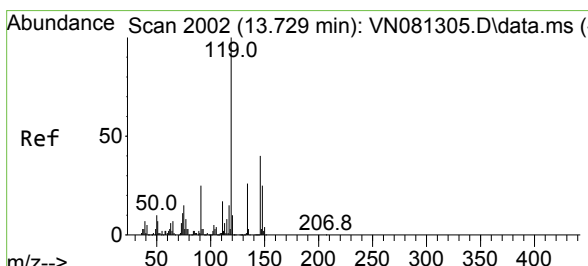
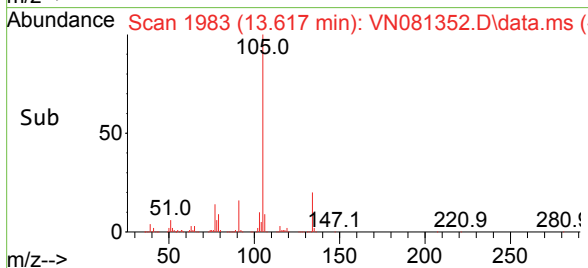
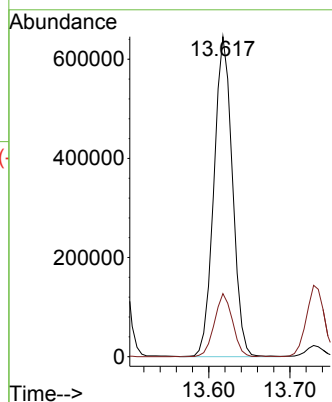
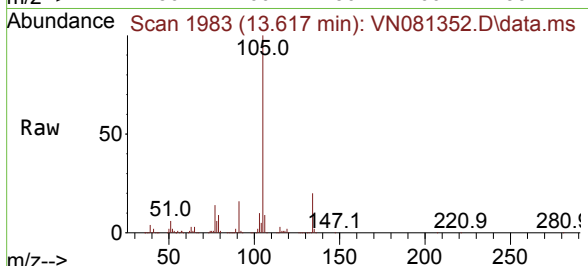




#85
 sec-Butylbenzene
 Concen: 49.298 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

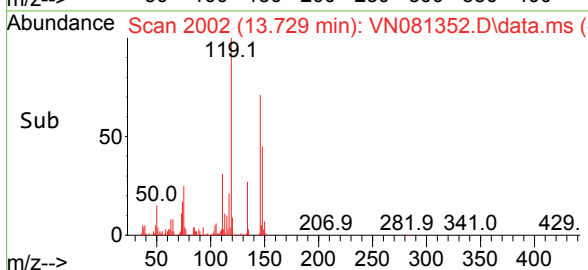
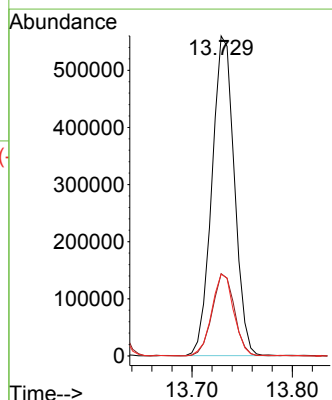
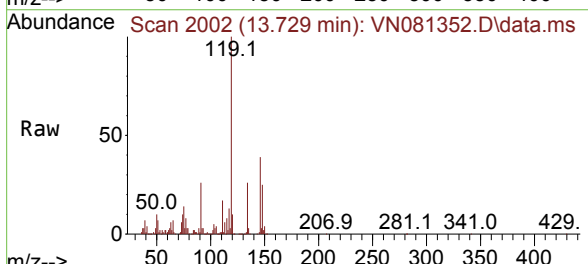
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

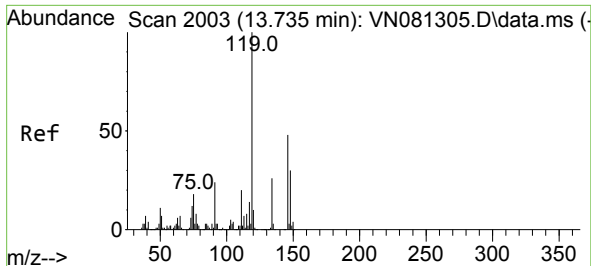
Tgt Ion:105 Resp: 1022565
 Ion Ratio Lower Upper
 105 100
 134 19.3 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 52.285 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion:119 Resp: 869743
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 25.2 13.5 40.4

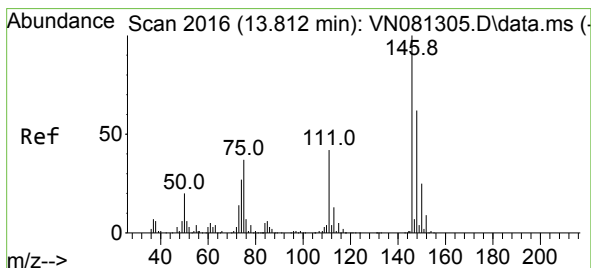
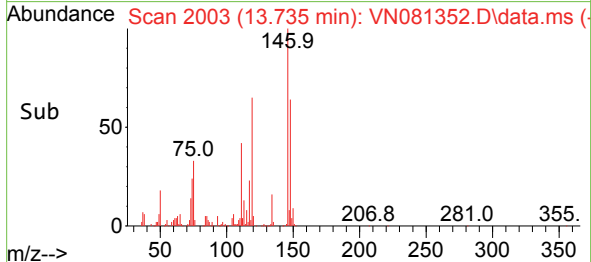
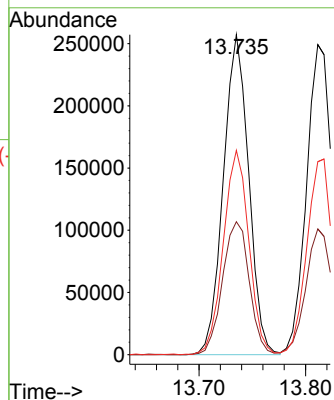
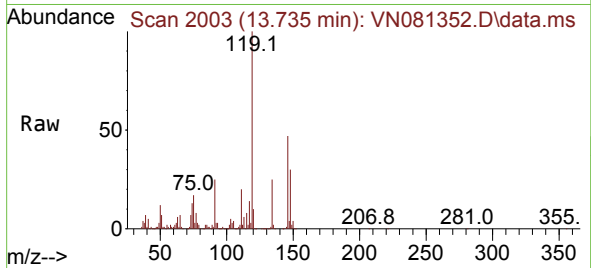




#87
1,3-Dichlorobenzene
Concen: 46.833 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

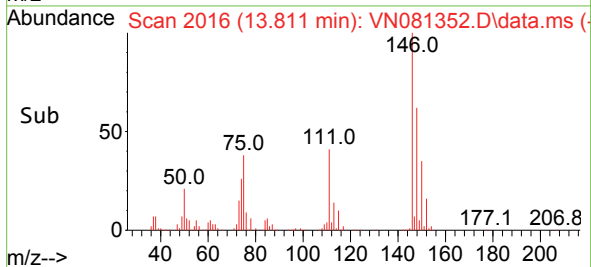
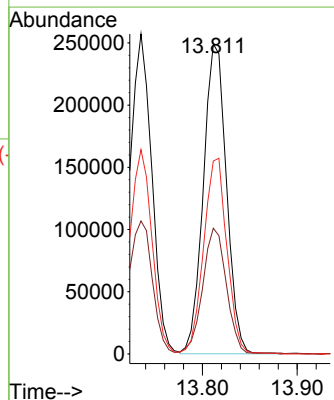
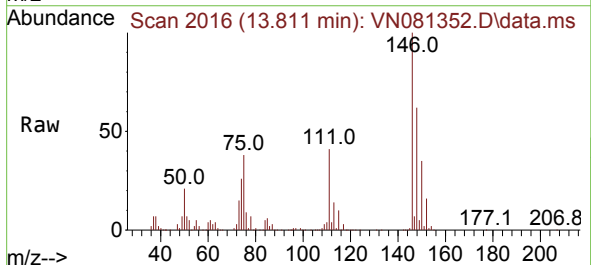
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

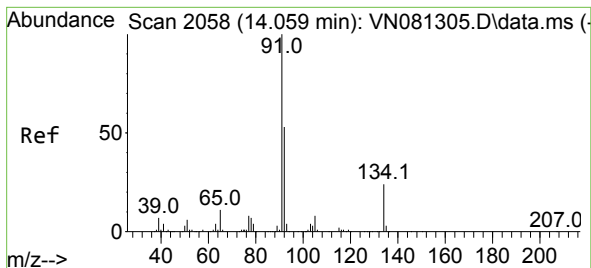
Tgt Ion:146 Resp: 424199
Ion Ratio Lower Upper
146 100
111 43.9 23.9 71.7
148 64.4 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 46.643 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:146 Resp: 422268
Ion Ratio Lower Upper
146 100
111 41.2 22.6 67.7
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 51.452 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081352.D

Acq: 11 Mar 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

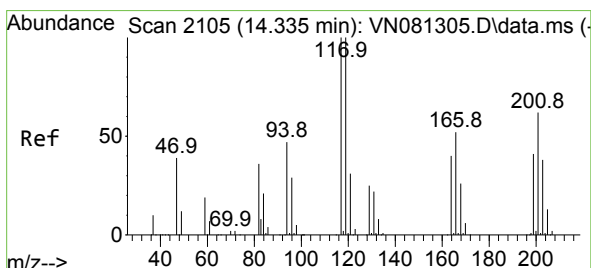
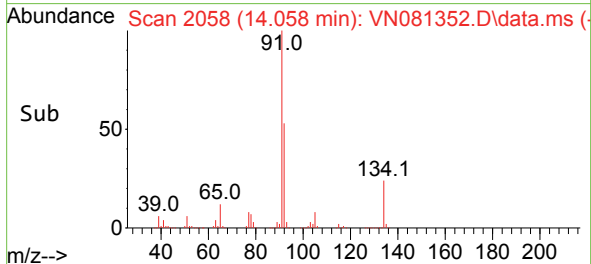
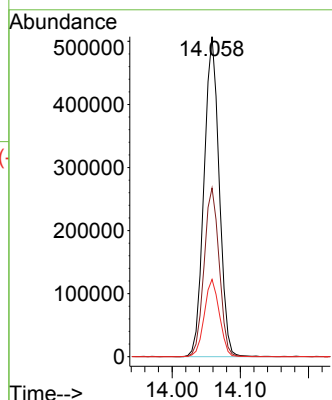
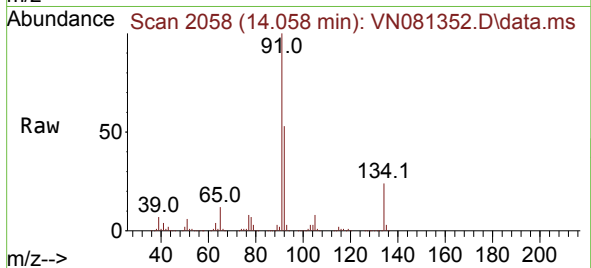
Tgt Ion: 91 Resp: 784893

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.1

134 24.1 10.8 32.4



#90

Hexachloroethane

Concen: 50.182 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081352.D

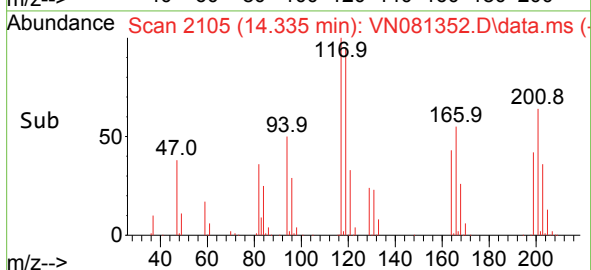
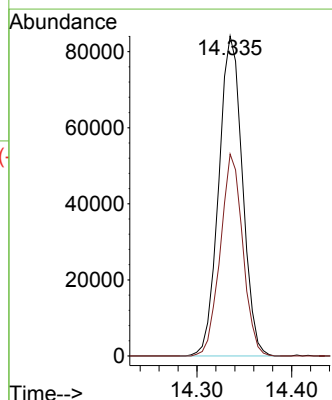
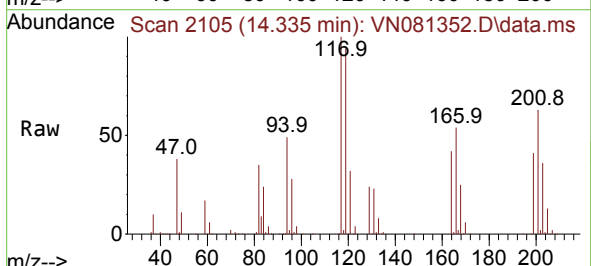
Acq: 11 Mar 2024 10:21

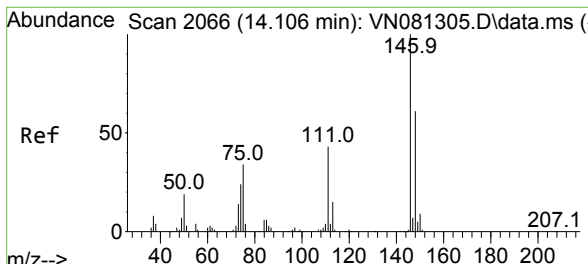
Tgt Ion: 117 Resp: 146145

Ion Ratio Lower Upper

117 100

201 59.8 30.0 90.0

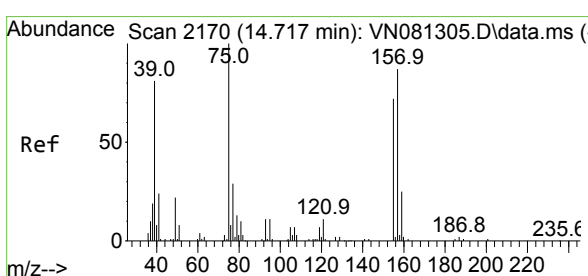
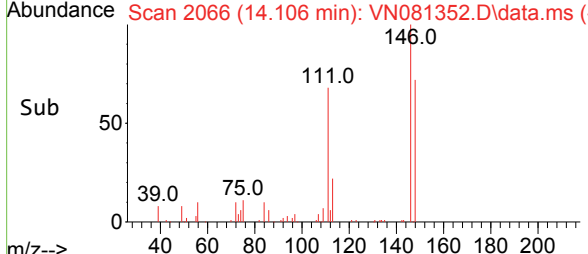
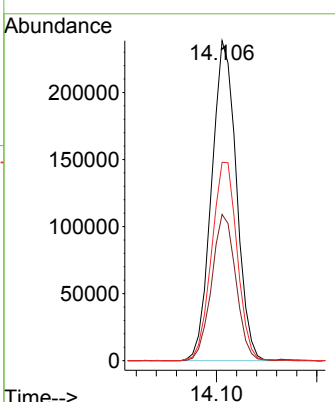
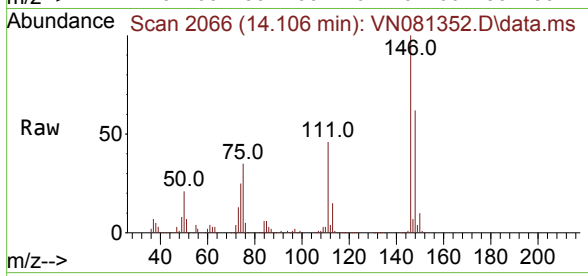




#91
 1,2-Dichlorobenzene
 Concen: 47.008 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

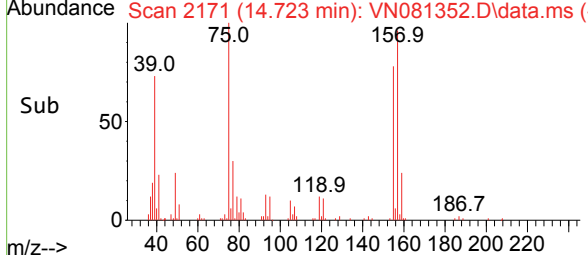
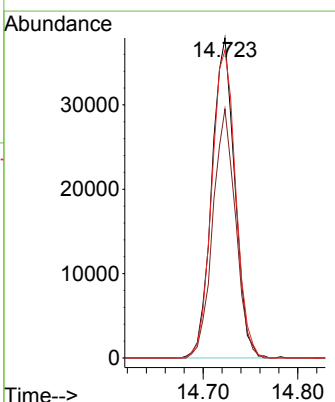
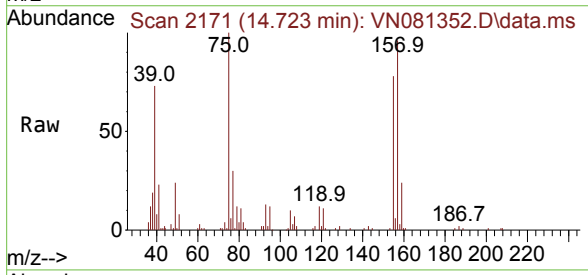
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

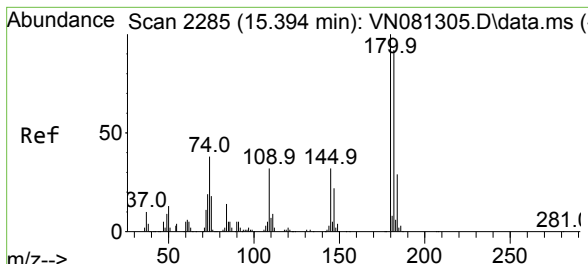
Tgt Ion:	146	Resp:	408518
Ion Ratio	Lower	Upper	
146	100		
111	44.8	23.9	71.8
148	64.0	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.799 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion:	75	Resp:	63865
Ion Ratio	Lower	Upper	
75	100		
155	77.1	31.8	95.4
157	100.4	41.1	123.4

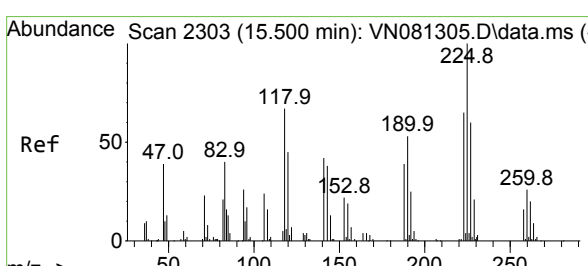
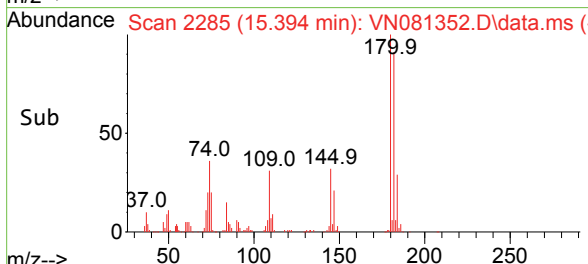
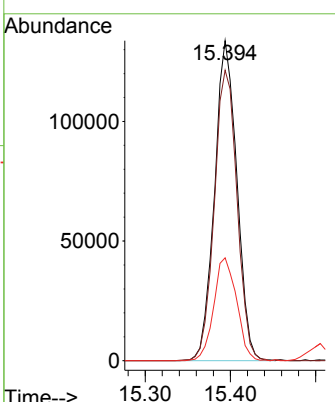
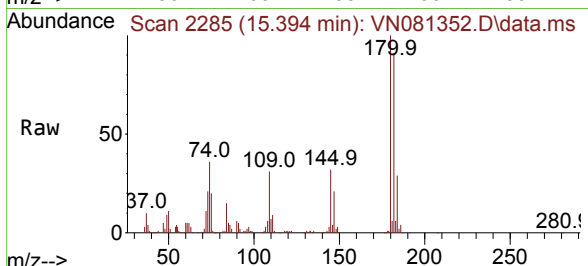




#93
 1,2,4-Trichlorobenzene
 Concen: 52.398 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

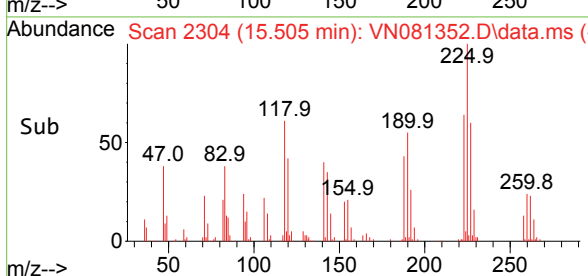
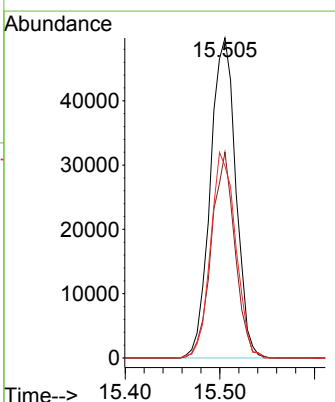
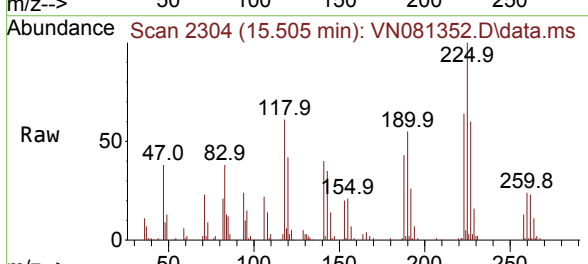
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

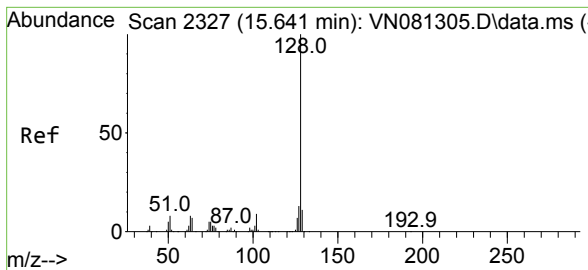
Tgt Ion:	180	Resp:	243400
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.6	139.7
145	32.9	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 48.364 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081352.D
 Acq: 11 Mar 2024 10:21

Tgt Ion:	225	Resp:	92830
Ion Ratio	Lower	Upper	
225	100		
223	59.6	33.3	99.8
227	63.5	33.1	99.2

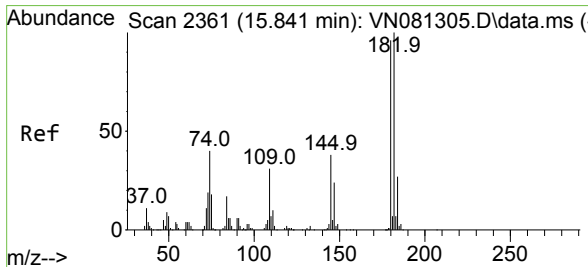
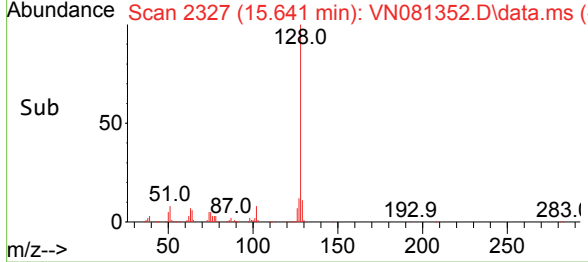
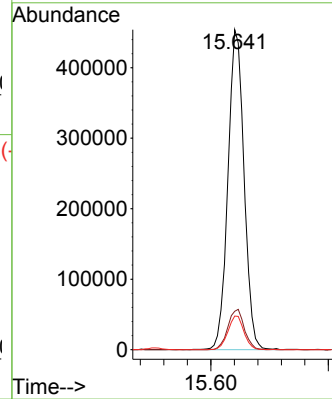
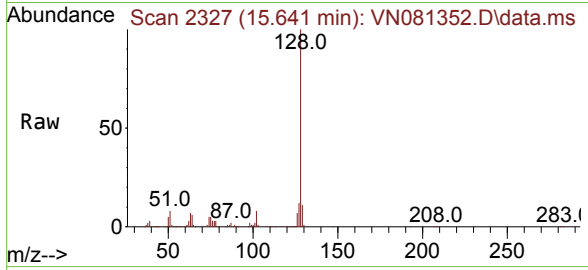




#95
Naphthalene
Concen: 52.222 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 863176
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.528 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081352.D
Acq: 11 Mar 2024 10:21

Tgt Ion:180 Resp: 238025
Ion Ratio Lower Upper
180 100
182 95.0 46.5 139.3
145 35.4 17.8 53.4

