

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081336.D
 Acq On : 08 Mar 2024 09:55
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 09 00:53:06 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	8.230	168	315510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	571055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243525	53.382	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.760%	
35) Dibromofluoromethane	8.165	113	188719	53.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.880%	
50) Toluene-d8	10.571	98	676562	51.730	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.853	95	254694	55.098	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	210054	50.223	ug/l	98
3) Chloromethane	2.359	50	202563	44.837	ug/l	100
4) Vinyl Chloride	2.518	62	207969	44.127	ug/l	95
5) Bromomethane	2.948	94	138027	43.850	ug/l	94
6) Chloroethane	3.118	64	141109	43.592	ug/l	96
7) Trichlorofluoromethane	3.495	101	317212	45.497	ug/l	91
8) Diethyl Ether	3.953	74	119164	48.512	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	177098	44.605	ug/l	93
10) Methyl Iodide	4.589	142	196726	54.145	ug/l	98
11) Tert butyl alcohol	5.518	59	192922	241.852	ug/l	99
12) 1,1-Dichloroethene	4.342	96	169523	46.105	ug/l	93
13) Acrolein	4.171	56	232517	246.165	ug/l	97
14) Allyl chloride	5.024	41	250203	45.852	ug/l #	88
15) Acrylonitrile	5.712	53	517070	248.125	ug/l	98
16) Acetone	4.424	43	361462	223.634	ug/l	98
17) Carbon Disulfide	4.712	76	453182	43.184	ug/l	96
18) Methyl Acetate	5.024	43	259512	56.079	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	639667	51.295	ug/l	94
20) Methylene Chloride	5.277	84	203973	51.095	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	187155	45.147	ug/l	90
22) Diisopropyl ether	6.671	45	628351	51.845	ug/l #	91
23) Vinyl Acetate	6.600	43	2537059	257.673	ug/l	96
24) 1,1-Dichloroethane	6.571	63	357258	48.154	ug/l	99
25) 2-Butanone	7.483	43	652608	241.098	ug/l	93
26) 2,2-Dichloropropane	7.489	77	310194	47.306	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	223740	47.606	ug/l	92
28) Bromochloromethane	7.812	49	168838	53.185	ug/l #	71
29) Tetrahydrofuran	7.836	42	452483	245.145	ug/l	89
30) Chloroform	7.971	83	380499	49.422	ug/l	99
31) Cyclohexane	8.253	56	301555	43.661	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	331260	48.677	ug/l	93
36) 1,1-Dichloropropene	8.371	75	267162	47.332	ug/l	97
37) Ethyl Acetate	7.559	43	280366	50.813	ug/l	99
38) Carbon Tetrachloride	8.365	117	272974	48.052	ug/l	97
39) Methylcyclohexane	9.600	83	312589	48.121	ug/l	86
40) Benzene	8.606	78	800972	47.541	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145325	46.640	ug/l	92
42) 1,2-Dichloroethane	8.671	62	305469	51.423	ug/l	99
43) Isopropyl Acetate	8.688	43	476774	49.369	ug/l	98
44) Trichloroethene	9.353	130	207580	48.851	ug/l	98
45) 1,2-Dichloropropane	9.624	63	211484	49.968	ug/l	94
46) Dibromomethane	9.706	93	154686	51.852	ug/l	93
47) Bromodichloromethane	9.888	83	303784	52.455	ug/l #	95
48) Methyl methacrylate	9.682	41	224018	52.478	ug/l	92
49) 1,4-Dioxane	9.694	88	92682	985.048	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1455082	259.486	ug/l	96
52) Toluene	10.629	92	504669	49.587	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	341646	54.523	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	353604	52.274	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	212541	52.662	ug/l	94
56) Ethyl methacrylate	10.877	69	317264	54.745	ug/l	91
57) 1,3-Dichloropropane	11.165	76	363743	51.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	842669	270.315	ug/l #	88
59) 2-Hexanone	11.200	43	1101073	262.652	ug/l	98
60) Dibromochloromethane	11.359	129	226894	54.588	ug/l	97
61) 1,2-Dibromoethane	11.471	107	216007	51.583	ug/l	97
64) Tetrachloroethene	11.106	164	197737	48.126	ug/l	91
65) Chlorobenzene	11.894	112	534167	48.307	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	204656	50.578	ug/l	98
67) Ethyl Benzene	11.965	91	976132	49.006	ug/l	99
68) m/p-Xylenes	12.071	106	727212	97.009	ug/l	100
69) o-Xylene	12.400	106	367184	50.541	ug/l	95
70) Styrene	12.412	104	611774	53.137	ug/l	98
71) Bromoform	12.582	173	149241	53.126	ug/l #	98
73) Isopropylbenzene	12.700	105	947344	47.936	ug/l	99
74) N-amyl acetate	12.494	43	415568	50.116	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	291948	47.868	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	403810	69.855	ug/l	59
77) Bromobenzene	12.982	156	218217	46.571	ug/l	80
78) n-propylbenzene	13.035	91	1152876	49.321	ug/l	97
79) 2-Chlorotoluene	13.129	91	671895	47.026	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	812131	49.713	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	104286	50.348	ug/l #	79
82) 4-Chlorotoluene	13.223	91	688509	48.787	ug/l	97
83) tert-Butylbenzene	13.441	119	665478	47.515	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	819371	49.504	ug/l	96
85) sec-Butylbenzene	13.618	105	995847	49.149	ug/l	95
86) p-Isopropyltoluene	13.729	119	828685	50.999	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	420732	47.553	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	415683	47.005	ug/l	98
89) n-Butylbenzene	14.059	91	760351	51.026	ug/l	96
90) Hexachloroethane	14.335	117	138895	48.824	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	405508	47.769	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63785	48.872	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	231597	51.040	ug/l	98
94) Hexachlorobutadiene	15.500	225	85961	45.847	ug/l	98
95) Naphthalene	15.641	128	850079	52.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	233364	50.714	ug/l	98

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

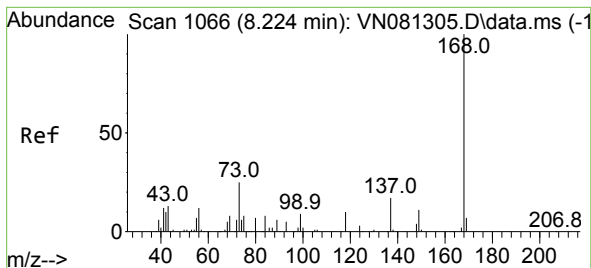
Quant Time: Mar 09 00:53:06 2024
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QLast Update : Wed Mar 06 03:12:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081336.D

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Instrument :

MSVOA_N

ClientSampleId :

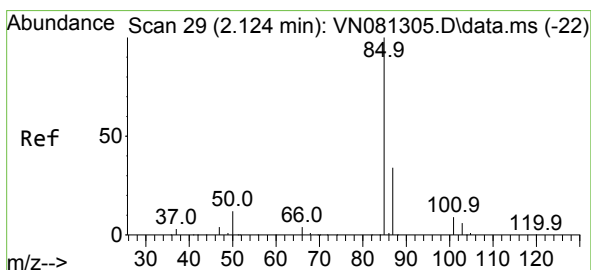
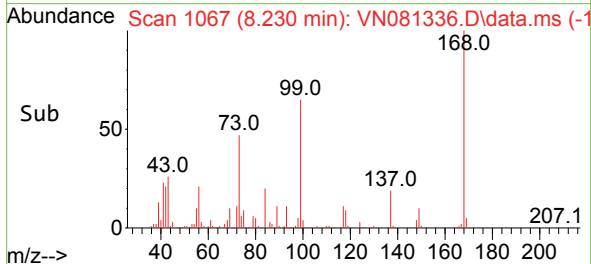
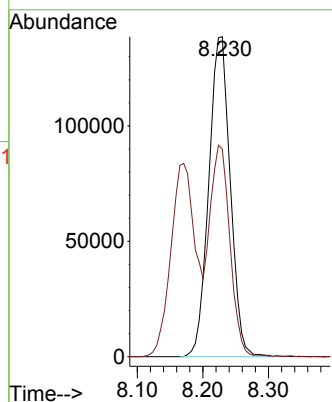
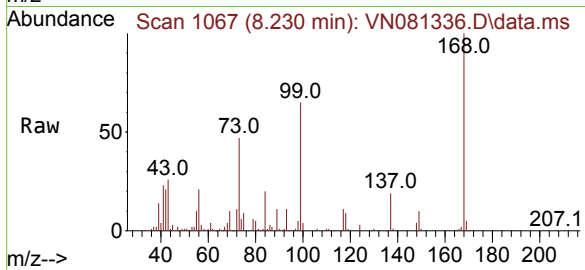
VSTDCCC050

Tgt Ion:168 Resp: 315510

Ion Ratio Lower Upper

168 100

99 64.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 50.223 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081336.D

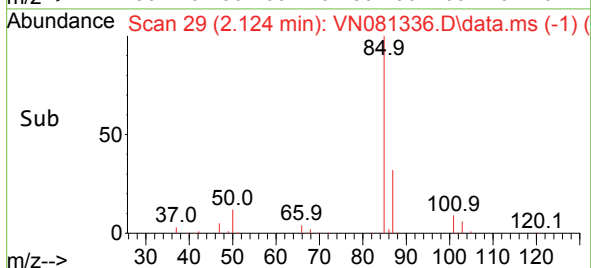
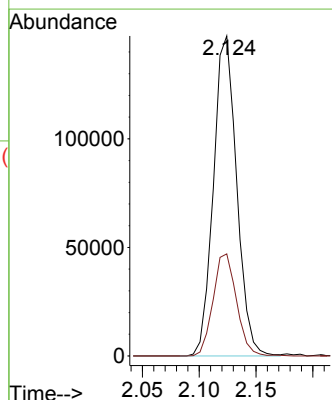
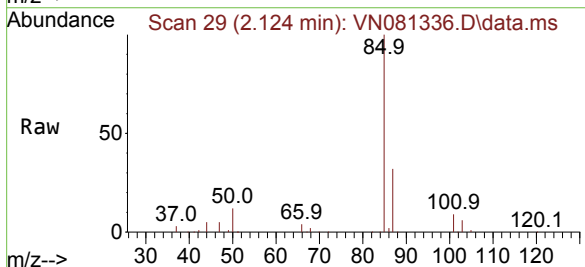
Acq: 08 Mar 2024 09:55

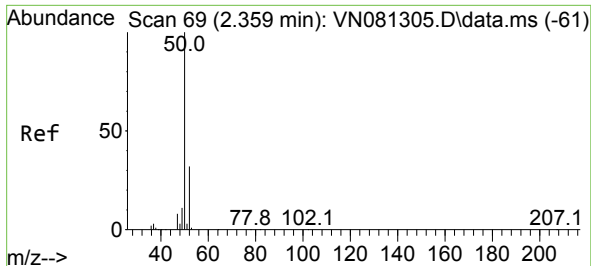
Tgt Ion: 85 Resp: 210054

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.9

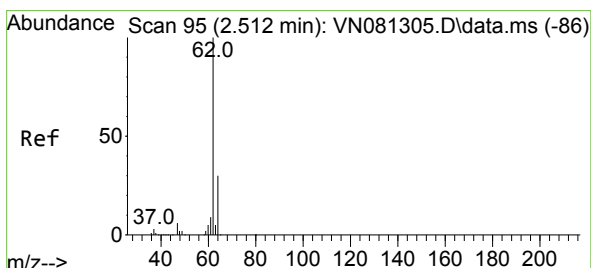
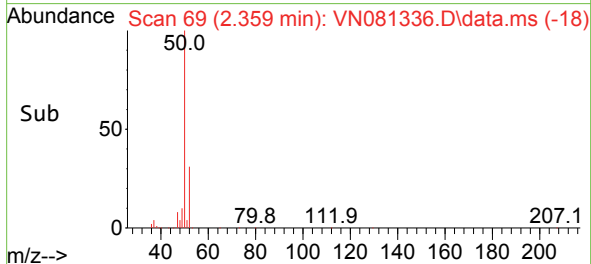
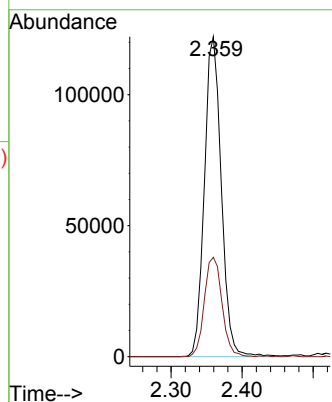
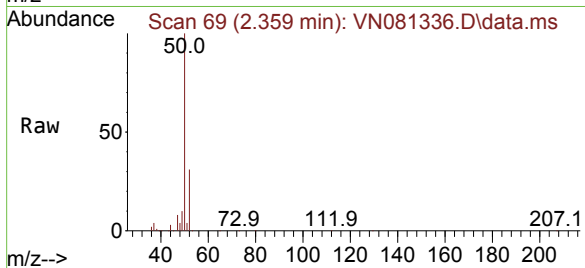




#3
Chloromethane
Concen: 44.837 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081336.D
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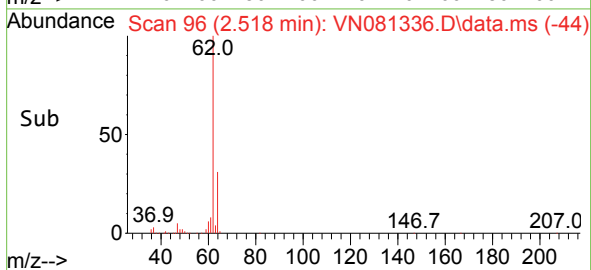
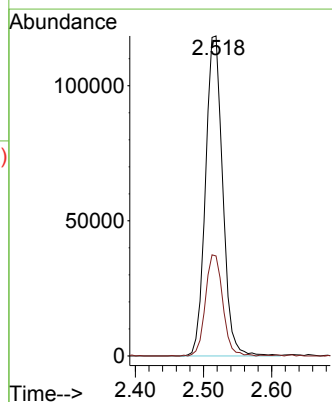
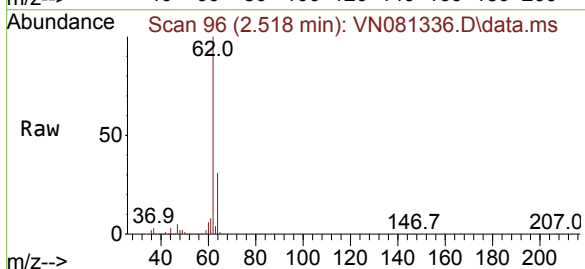
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

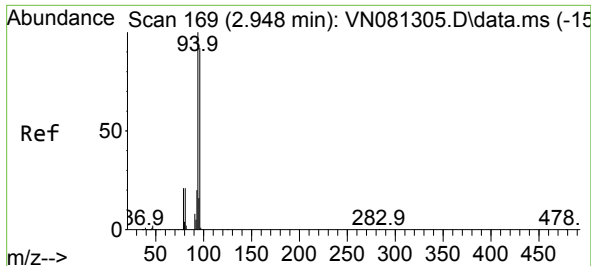
Tgt Ion: 50 Resp: 202563
Ion Ratio Lower Upper
50 100
52 31.0 25.0 37.4



#4
Vinyl Chloride
Concen: 44.127 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 62 Resp: 207969
Ion Ratio Lower Upper
62 100
64 31.2 22.7 34.1

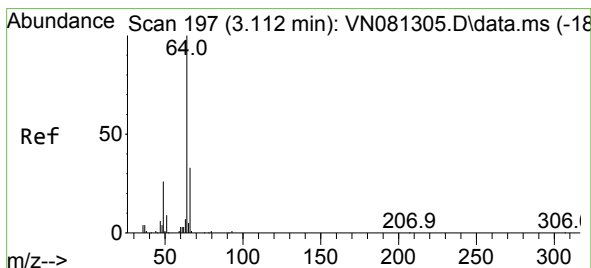
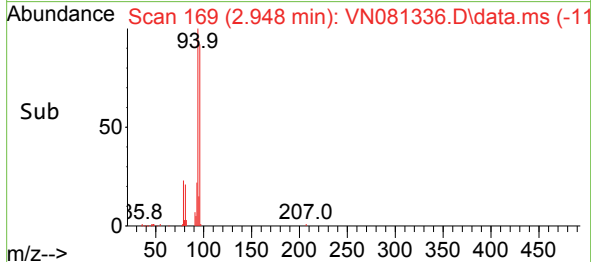
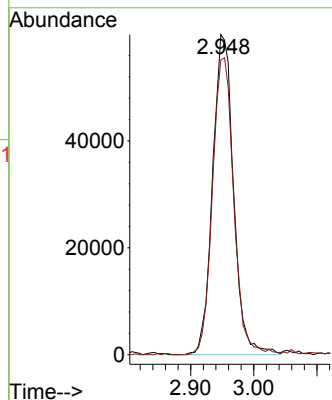
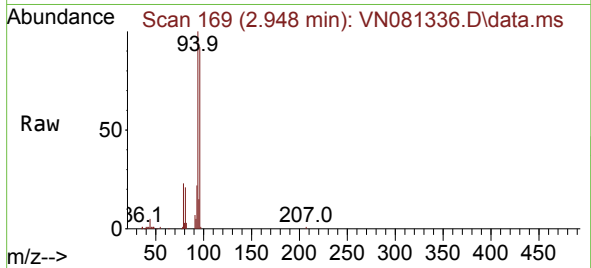




#5
Bromomethane
Concen: 43.850 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

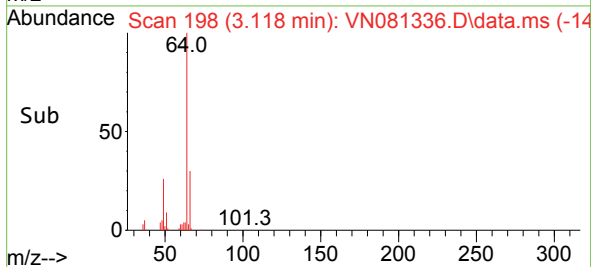
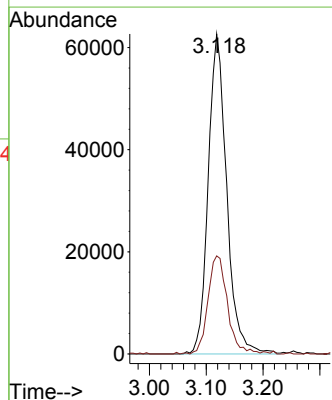
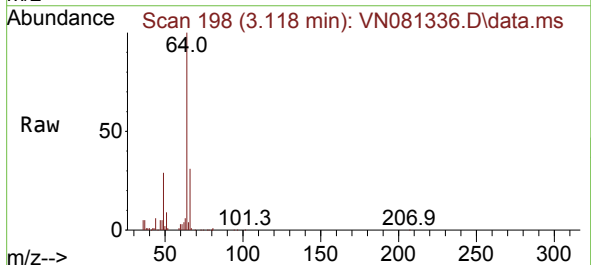
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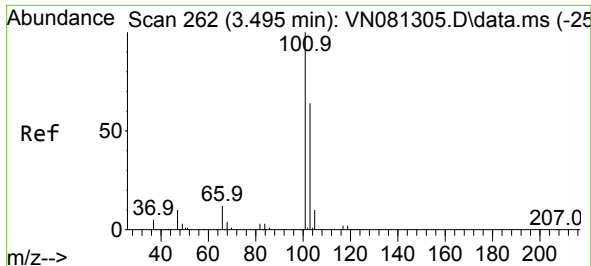
Tgt Ion: 94 Resp: 138027
Ion Ratio Lower Upper
94 100
96 92.1 69.2 103.8



#6
Chloroethane
Concen: 43.592 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 64 Resp: 141109
Ion Ratio Lower Upper
64 100
66 30.6 26.4 39.6

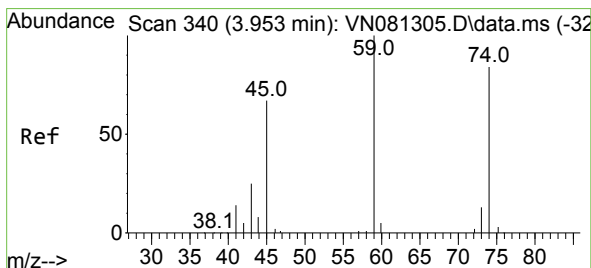
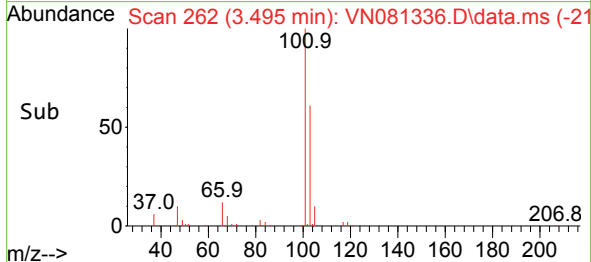
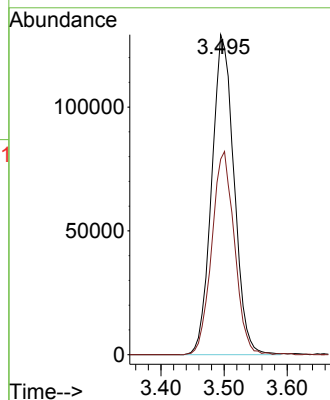
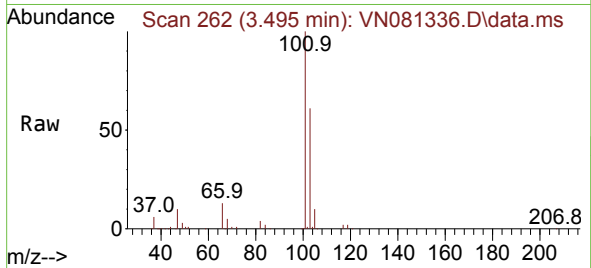




#7
 Trichlorofluoromethane
 Concen: 45.497 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

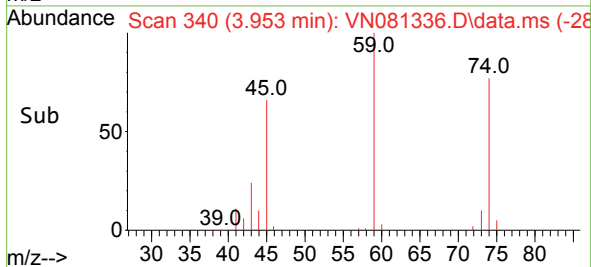
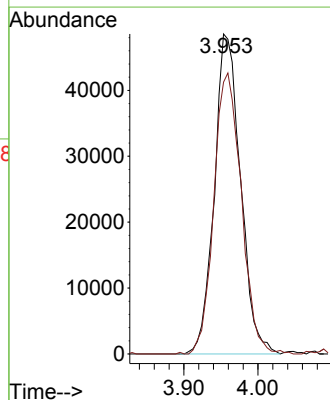
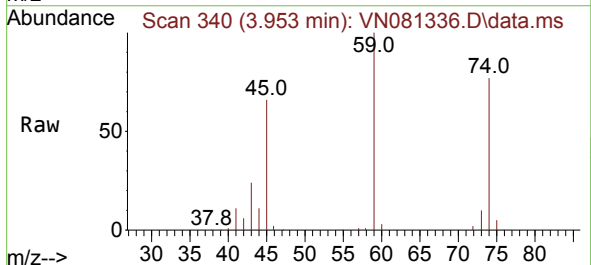
Instrument :
 MSVOA_N
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 VSTDCCC050

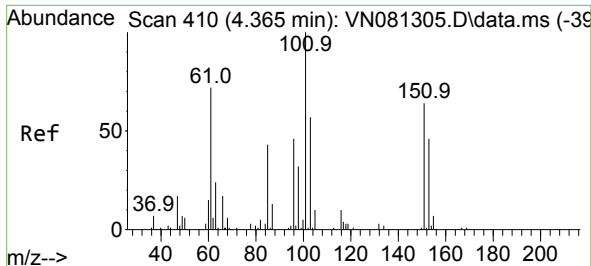
Tgt Ion:101 Resp: 317212
 Ion Ratio Lower Upper
 101 100
 103 61.1 54.4 81.6



#8
 Diethyl Ether
 Concen: 48.512 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion: 74 Resp: 119164
 Ion Ratio Lower Upper
 74 100
 45 92.2 53.3 159.9

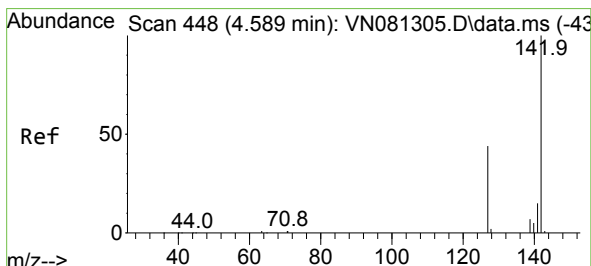
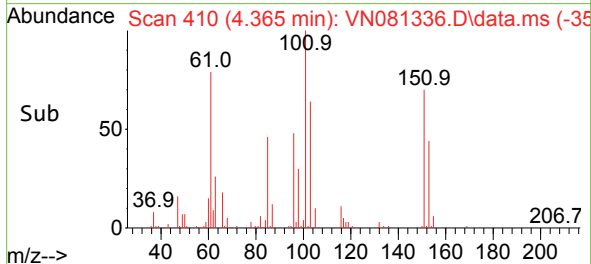
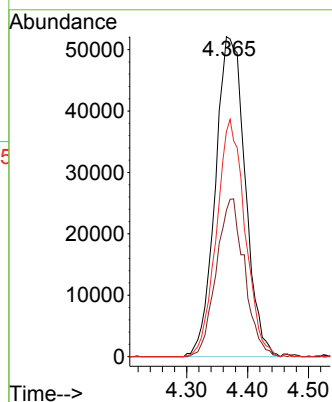
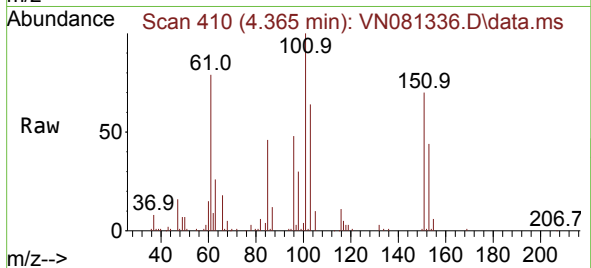




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.605 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

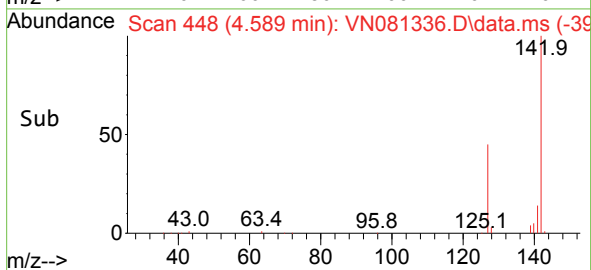
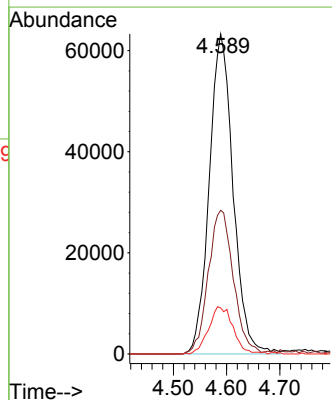
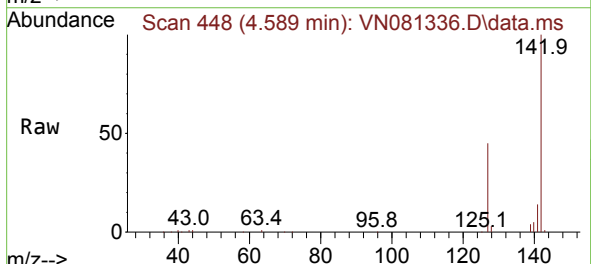
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

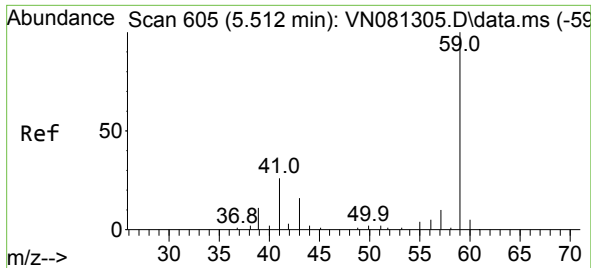
Tgt Ion:101 Resp: 177098
Ion Ratio Lower Upper
101 100
85 46.9 38.1 57.1
151 70.9 49.1 73.7



#10
Methyl Iodide
Concen: 54.145 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:142 Resp: 196726
Ion Ratio Lower Upper
142 100
127 44.9 37.0 55.4
141 14.4 12.5 18.7

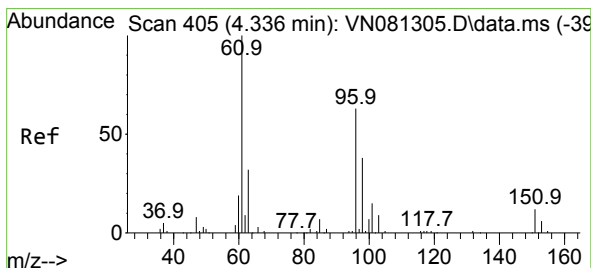
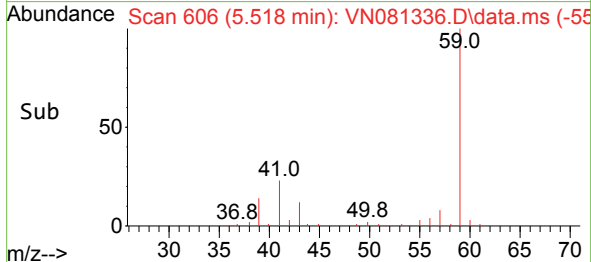
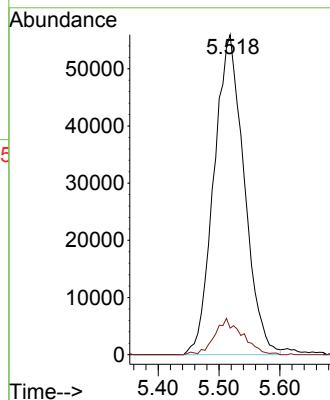
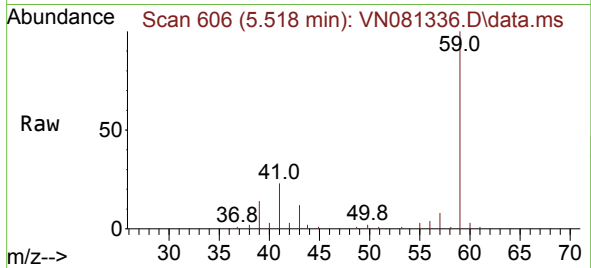




#11
Tert butyl alcohol
Concen: 241.852 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

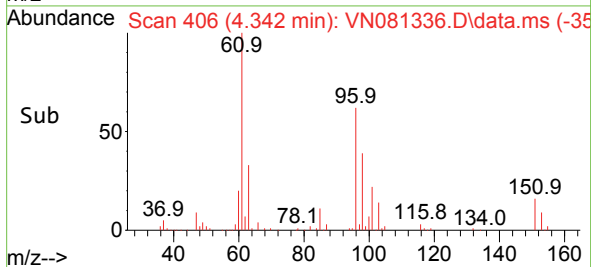
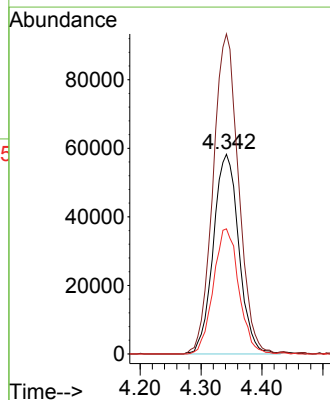
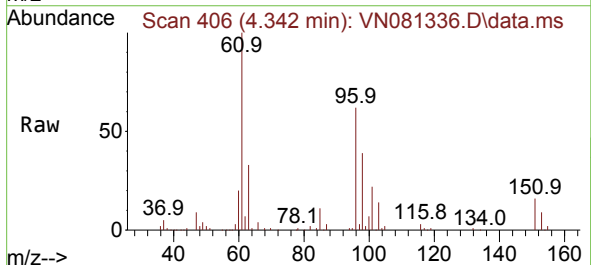
Instrument :
MSVOA_N
ClientSampleId :
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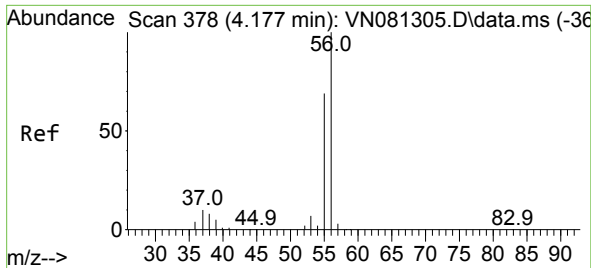
Tgt Ion: 59 Resp: 192922
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.105 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 96 Resp: 169523
Ion Ratio Lower Upper
96 100
61 160.3 138.2 207.4
98 62.7 49.2 73.8

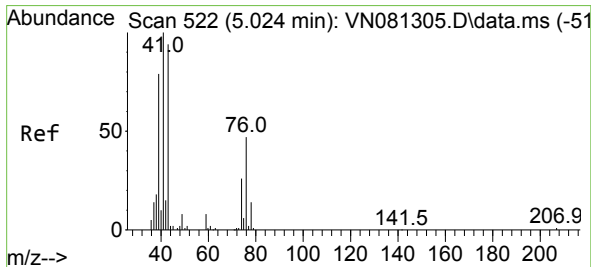
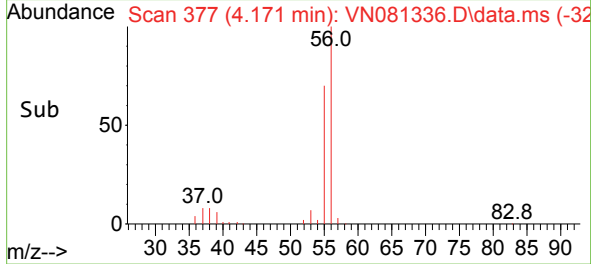
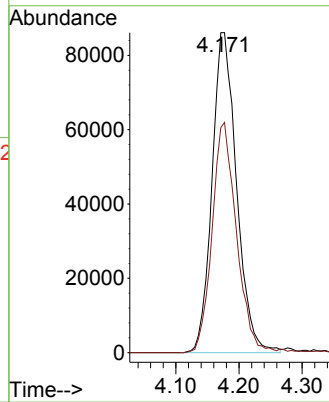
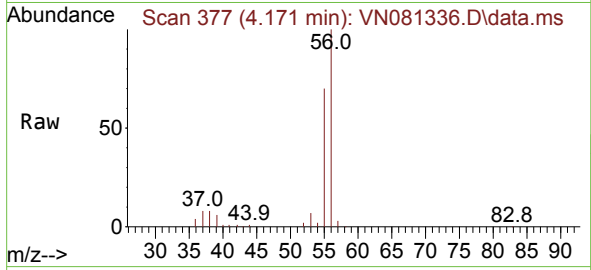




#13
Acrolein
Concen: 246.165 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

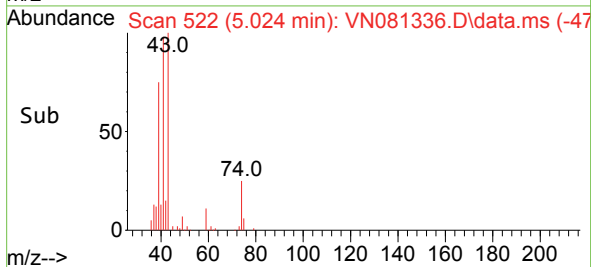
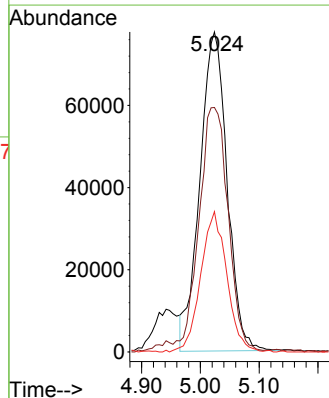
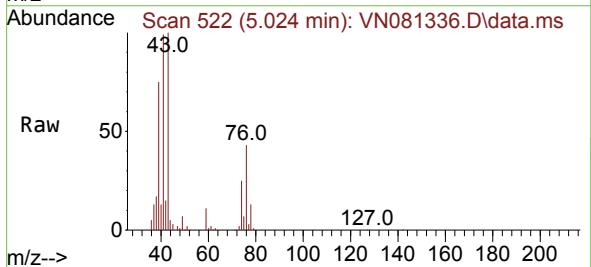
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MSVOA_N
ClientSampleId :
VSTDCCC050

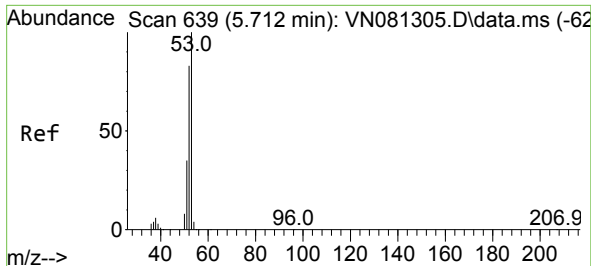
Tgt Ion: 56 Resp: 232517
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 45.852 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 41 Resp: 250203
Ion Ratio Lower Upper
41 100
39 81.1 57.7 86.5
76 42.1 26.8 40.2#

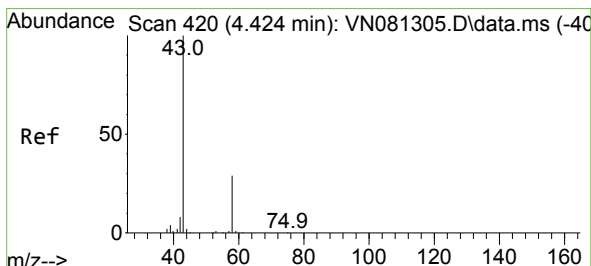
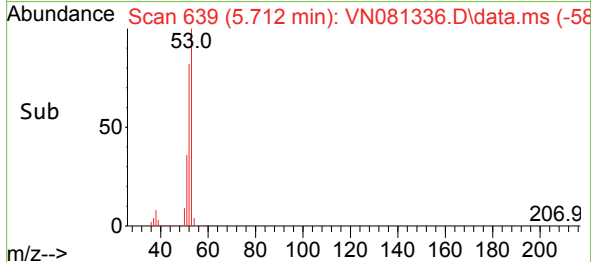
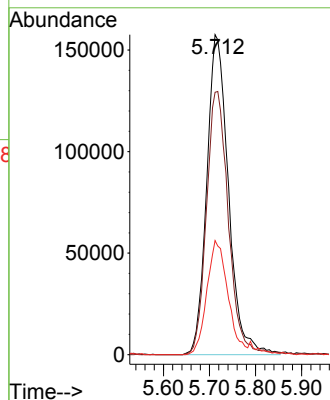
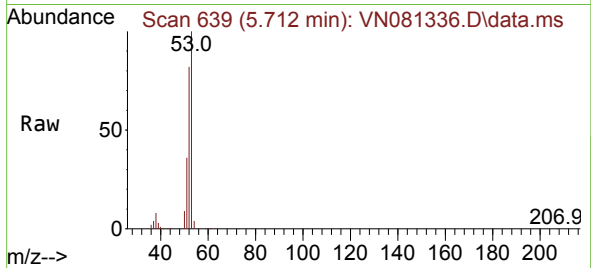




#15
Acrylonitrile
Concen: 248.125 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

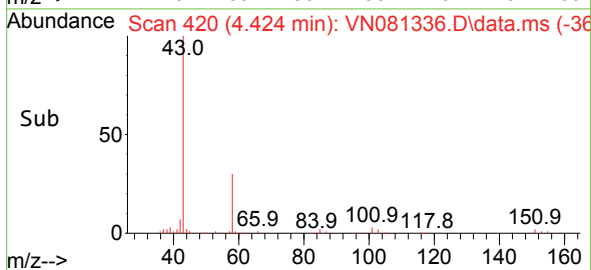
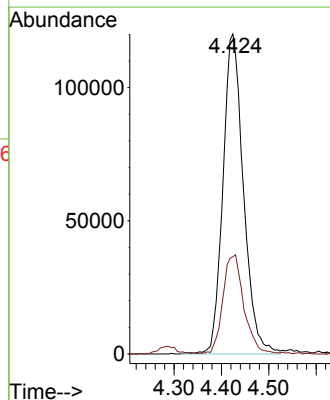
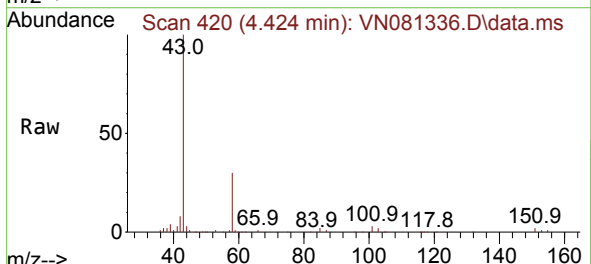
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

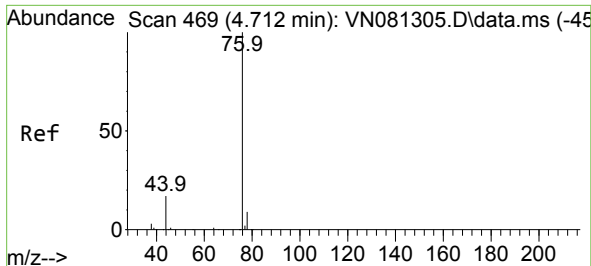
Tgt Ion: 53 Resp: 517070
Ion Ratio Lower Upper
53 100
52 83.2 64.8 97.2
51 34.6 26.9 40.3



#16
Acetone
Concen: 223.634 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 43 Resp: 361462
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2

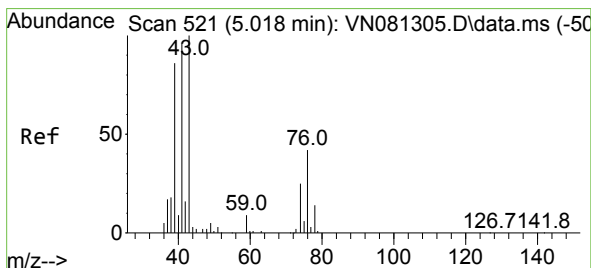
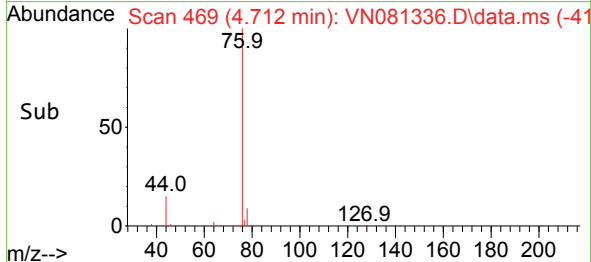
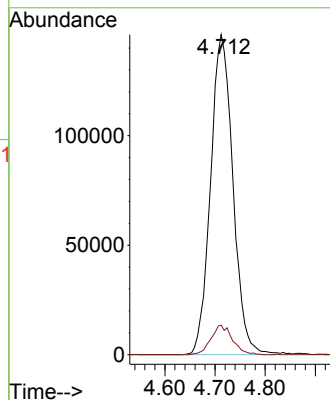
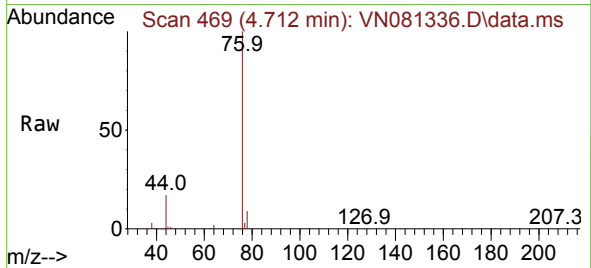




#17
Carbon Disulfide
Concen: 43.184 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

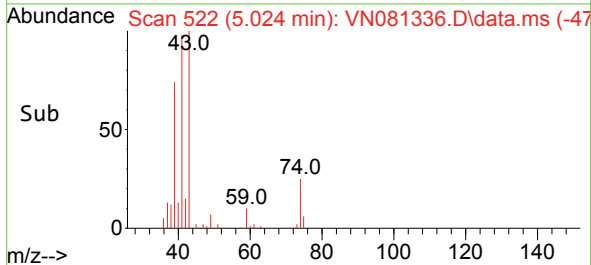
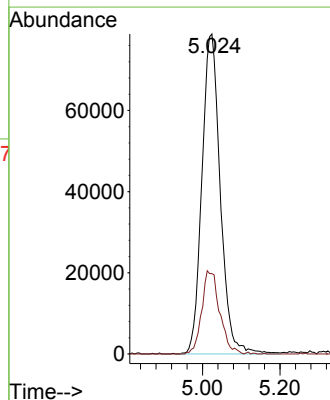
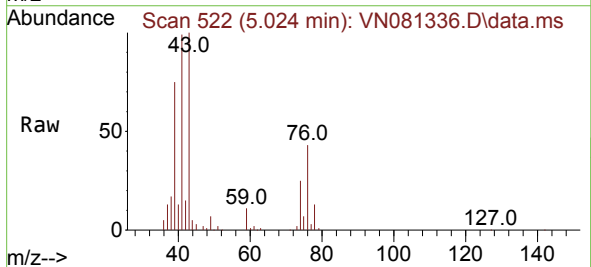
Instrument :
MSVOA_N
ClientSampleId :
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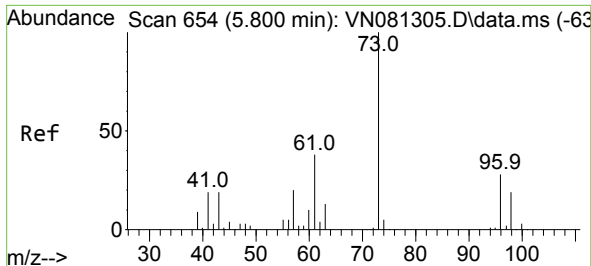
Tgt Ion: 76 Resp: 453182
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



#18
Methyl Acetate
Concen: 56.079 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 43 Resp: 259512
Ion Ratio Lower Upper
43 100
74 25.3 17.3 25.9

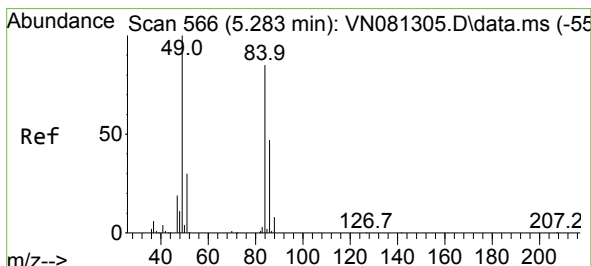
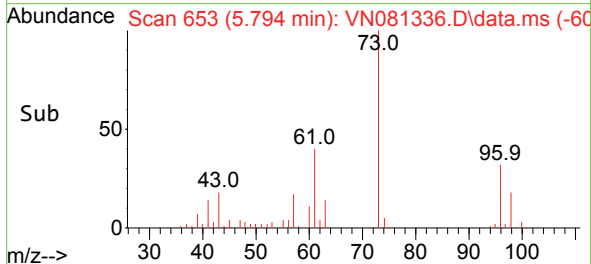
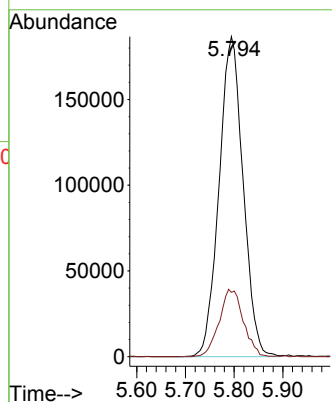
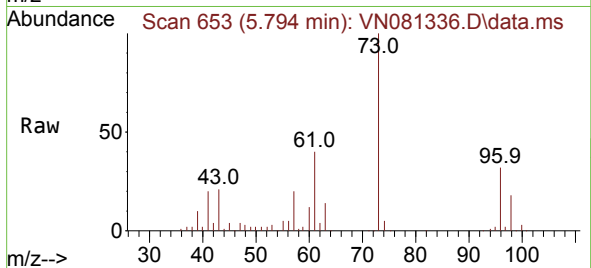




#19
Methyl tert-butyl Ether
Concen: 51.295 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

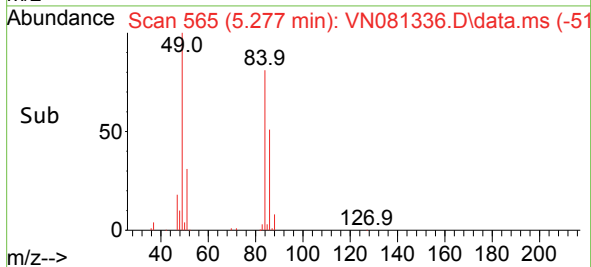
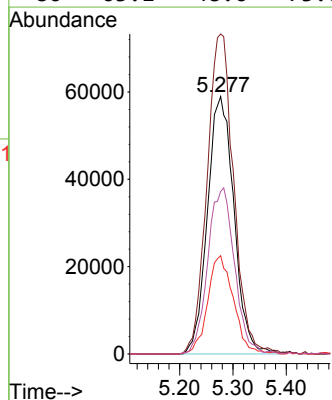
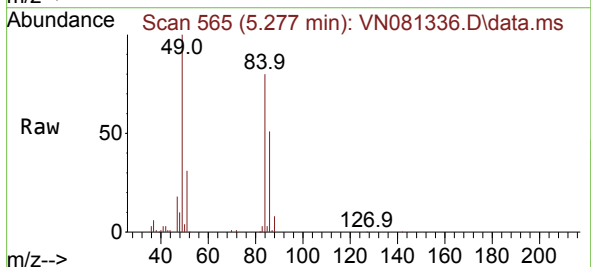
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

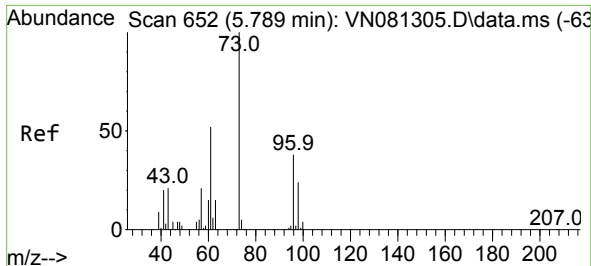
Tgt Ion: 73 Resp: 639667
Ion Ratio Lower Upper
73 100
57 20.1 18.2 27.4



#20
Methylene Chloride
Concen: 51.095 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 84 Resp: 203973
Ion Ratio Lower Upper
84 100
49 124.3 108.1 162.1
51 38.2 32.9 49.3
86 63.1 48.6 73.0

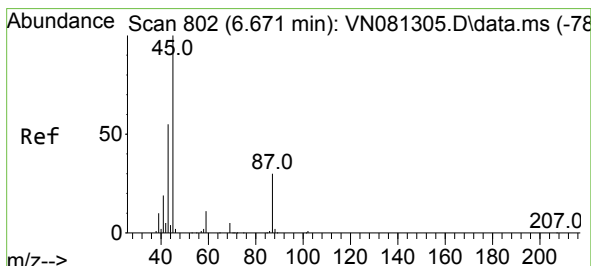
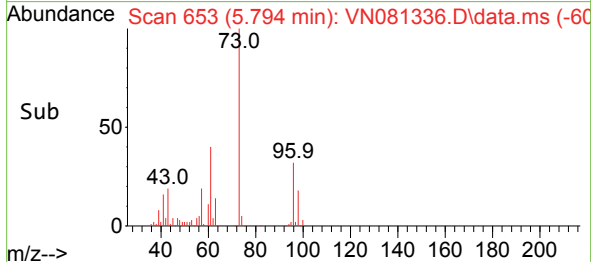
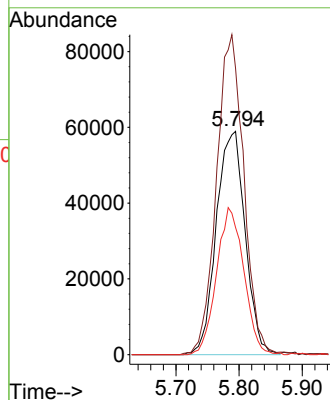
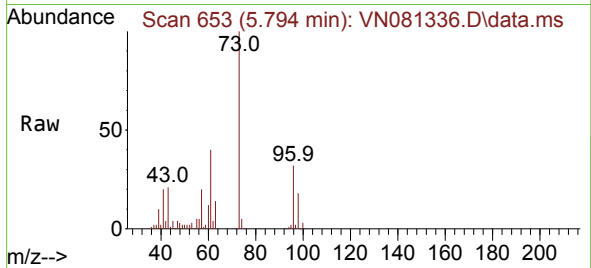




#21
trans-1,2-Dichloroethene
Concen: 45.147 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

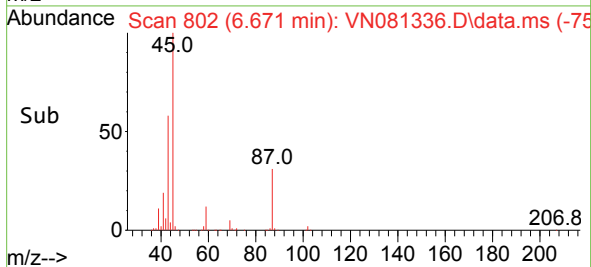
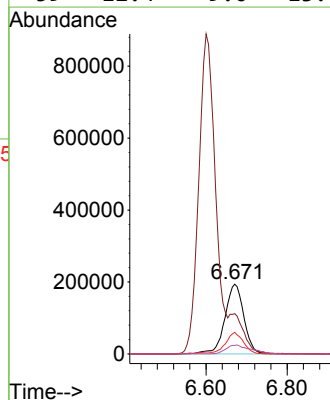
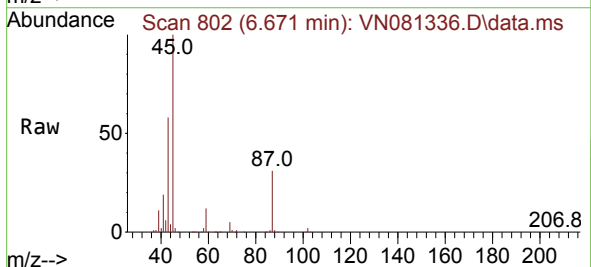
Instrument :
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ClientSampleId :
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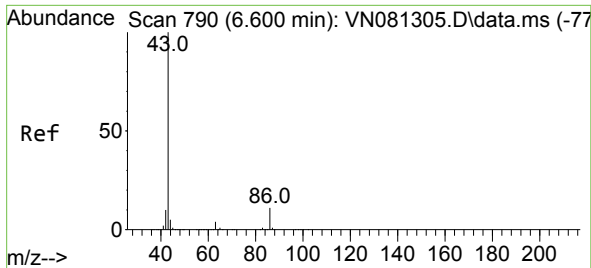
Tgt Ion: 96 Resp: 187155
Ion Ratio Lower Upper
96 100
61 128.1 112.8 169.2
98 56.9 51.0 76.4



#22
Diisopropyl ether
Concen: 51.845 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 45 Resp: 628351
Ion Ratio Lower Upper
45 100
43 56.9 41.8 62.8
87 31.0 18.1 27.1#
59 12.4 9.0 13.6

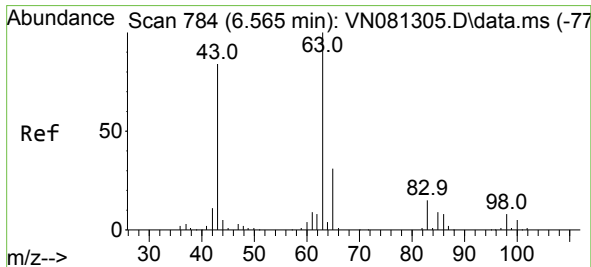
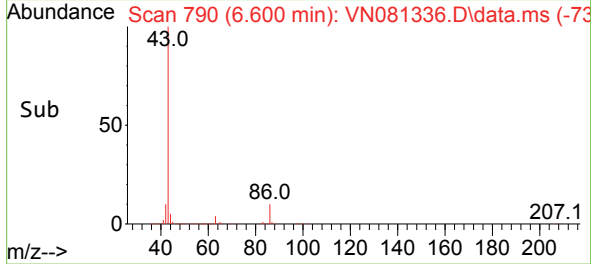
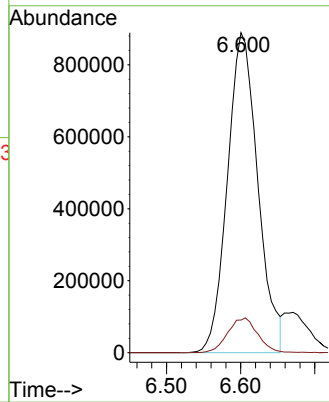
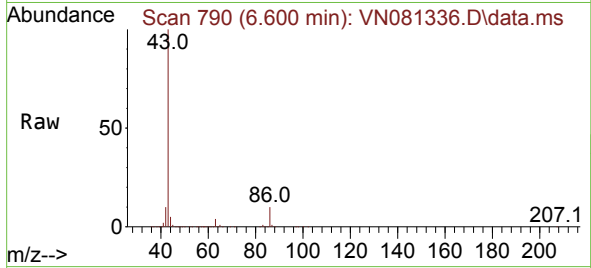




#23
 Vinyl Acetate
 Concen: 257.673 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

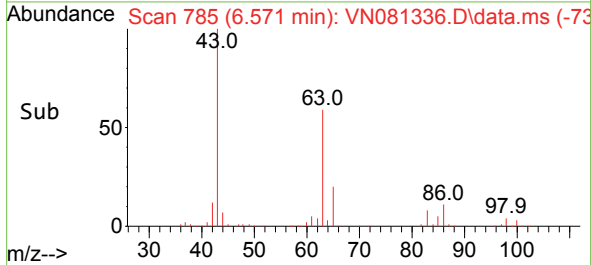
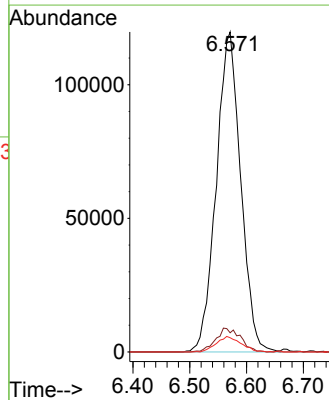
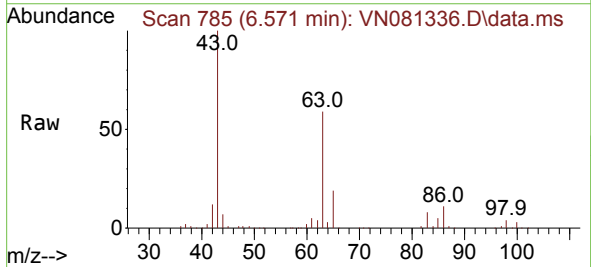
Instrument :
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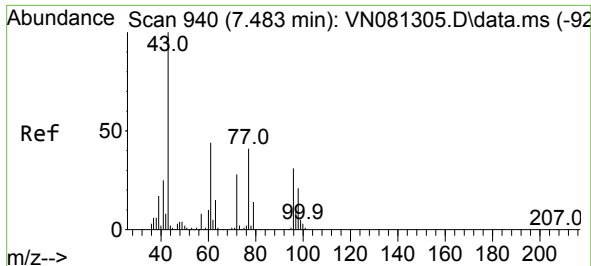
Tgt Ion: 43 Resp: 2537059
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.154 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion: 63 Resp: 357258
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.6
 100 4.4 1.9 5.7

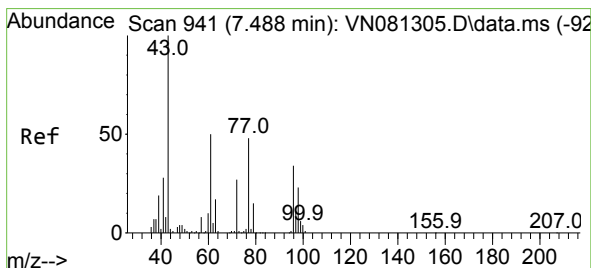
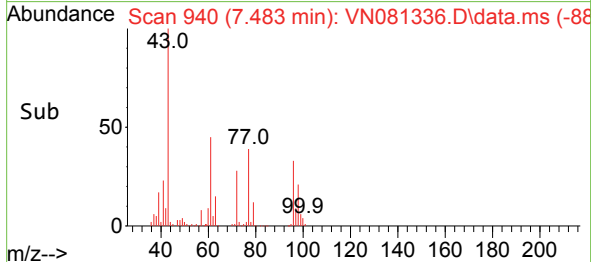
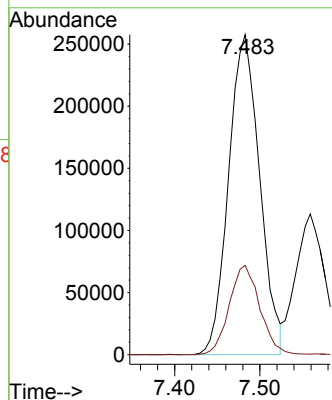
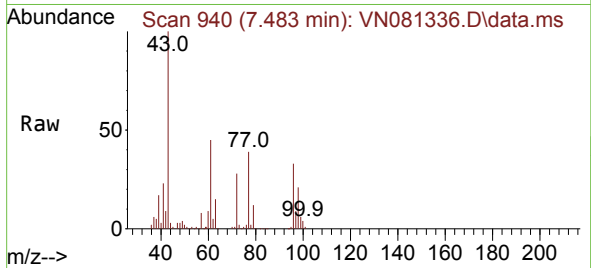




#25
2-Butanone
Concen: 241.098 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

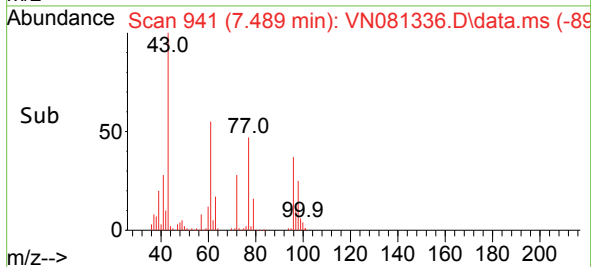
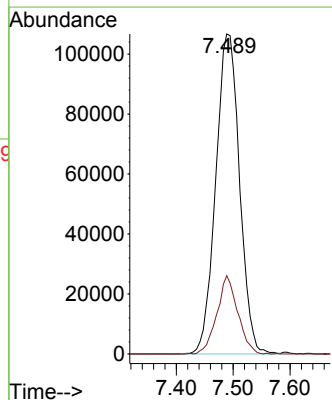
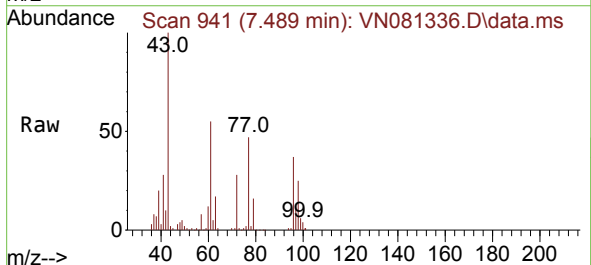
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

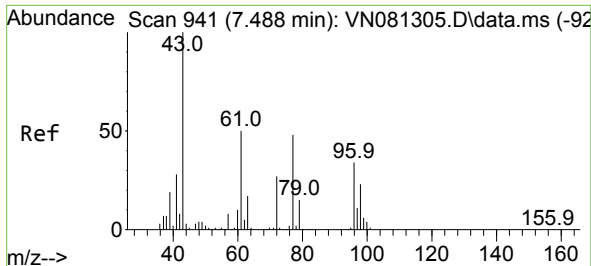
Tgt Ion: 43 Resp: 652608
Ion Ratio Lower Upper
43 100
72 27.9 19.5 29.3



#26
2,2-Dichloropropane
Concen: 47.306 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 77 Resp: 310194
Ion Ratio Lower Upper
77 100
97 21.4 11.5 34.5



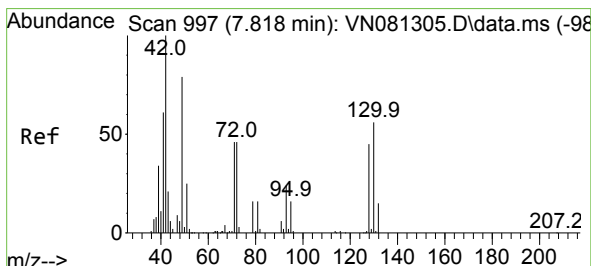
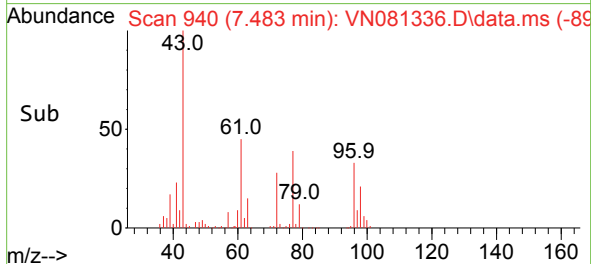
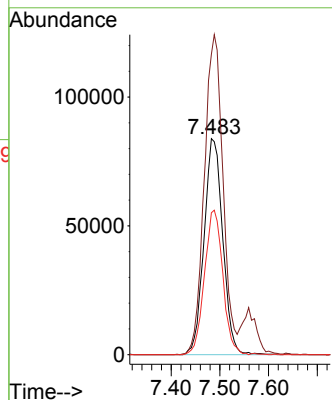
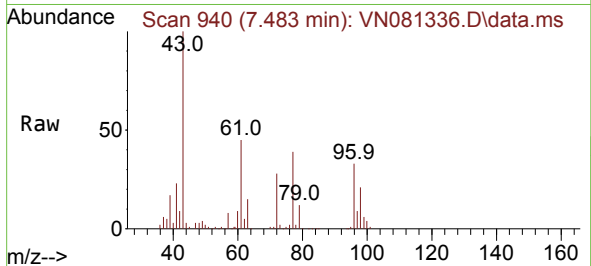


#27
 cis-1,2-Dichloroethene
 Concen: 47.606 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 223740

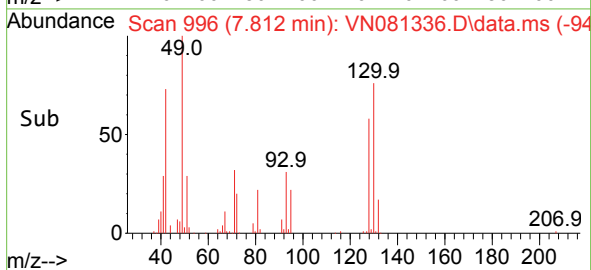
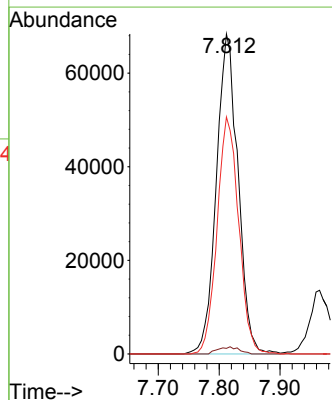
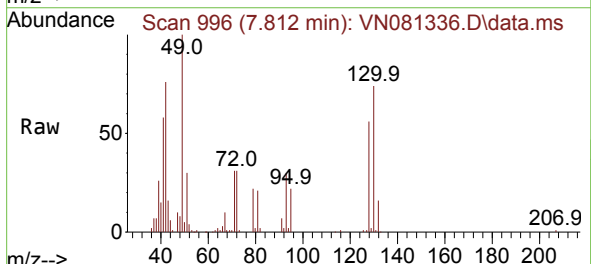
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	325.4
98	65.6	0.0	130.4

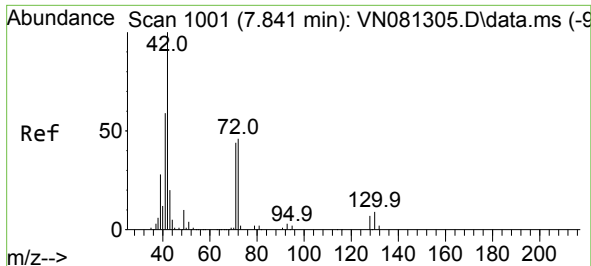


#28
 Bromochloromethane
 Concen: 53.185 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion: 49 Resp: 168838

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	1.6#
130	73.8	42.3	63.5#





#29

Tetrahydrofuran

Concen: 245.145 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

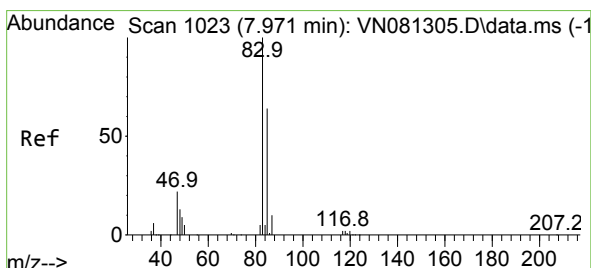
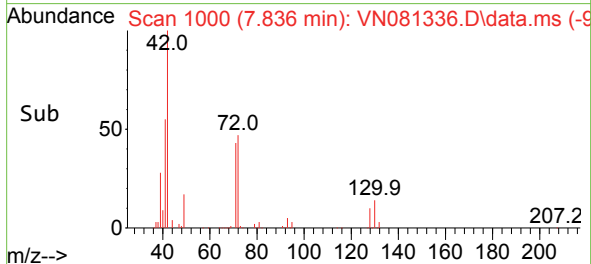
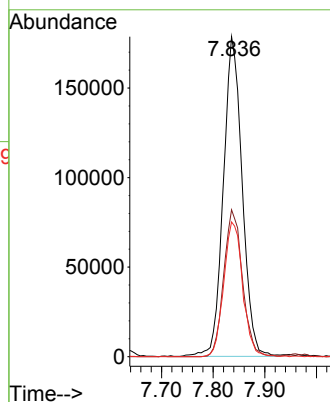
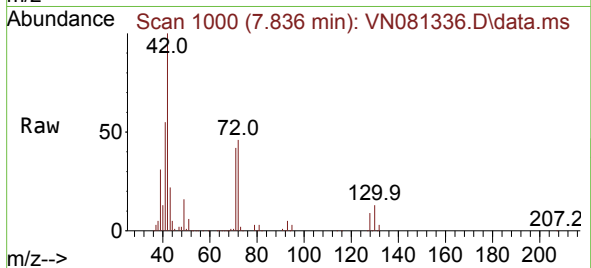
Tgt Ion: 42 Resp: 452483

Ion Ratio Lower Upper

42 100

72 45.5 31.1 46.7

71 42.2 28.3 42.5



#30

Chloroform

Concen: 49.422 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN081336.D

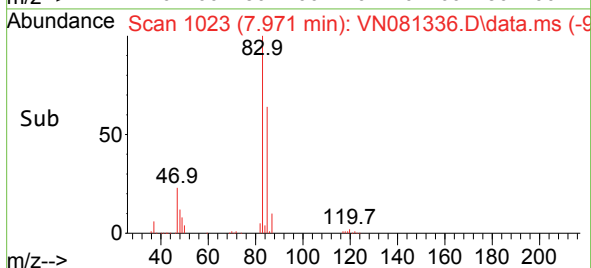
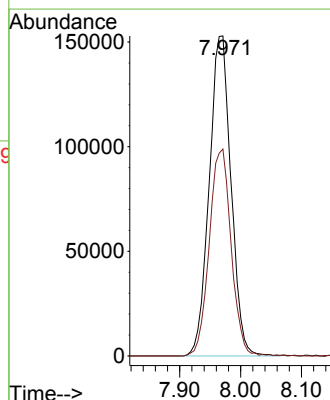
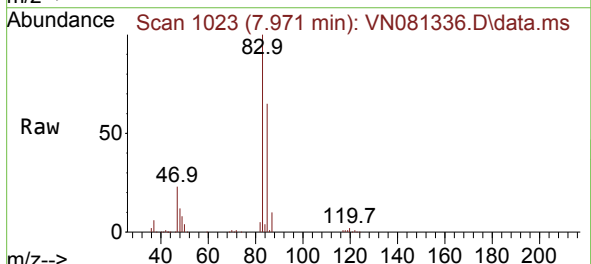
Acq: 08 Mar 2024 09:55

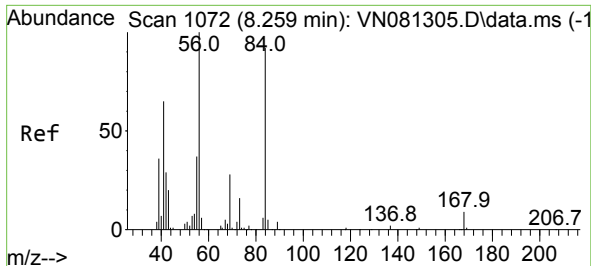
Tgt Ion: 83 Resp: 380499

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6

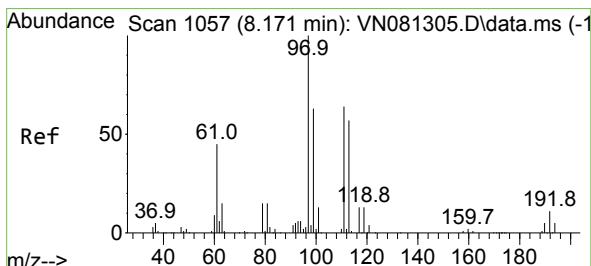
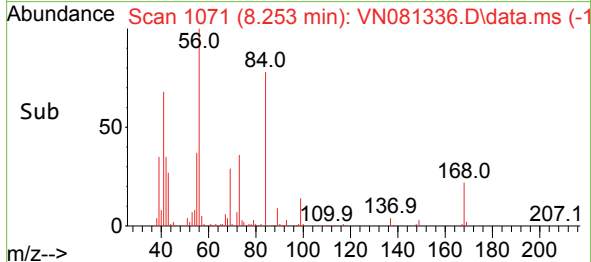
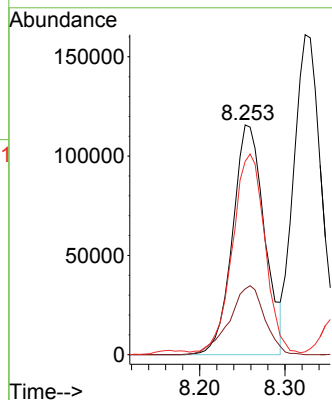
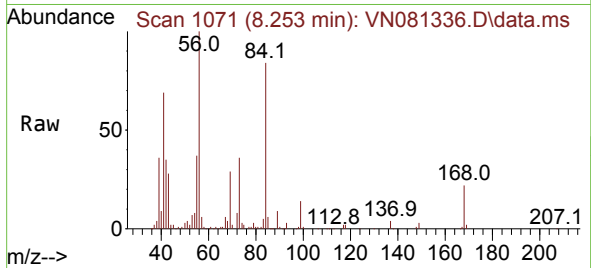




#31
Cyclohexane
Concen: 43.661 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

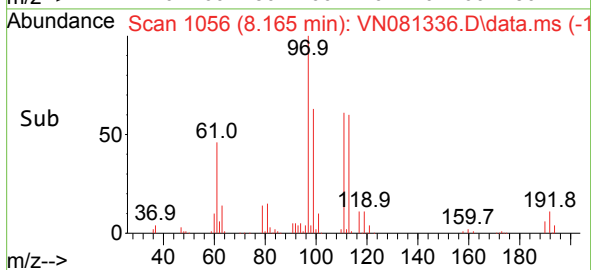
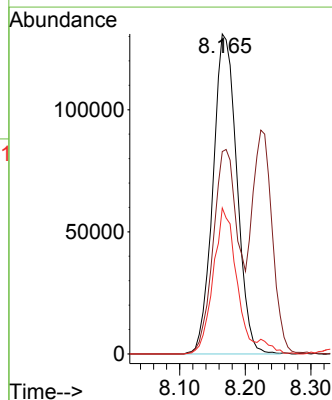
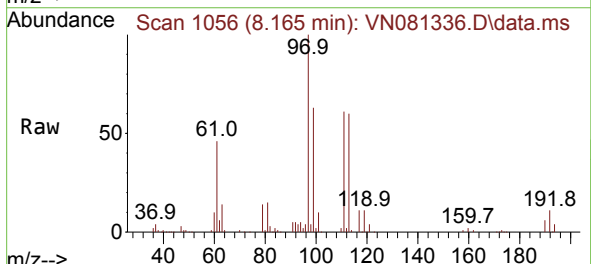
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

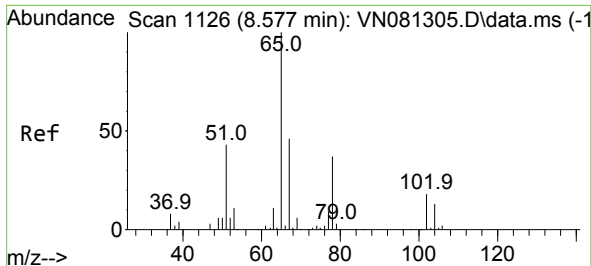
Tgt Ion: 56 Resp: 301555
Ion Ratio Lower Upper
56 100
69 28.6 20.1 30.1
84 82.3 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 48.677 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 97 Resp: 331260
Ion Ratio Lower Upper
97 100
99 66.7 53.4 80.0
61 44.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.382 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

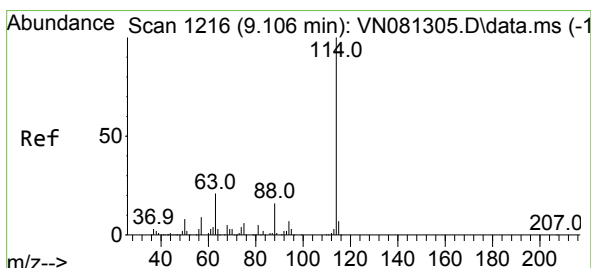
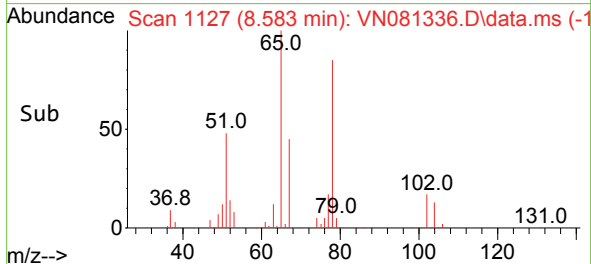
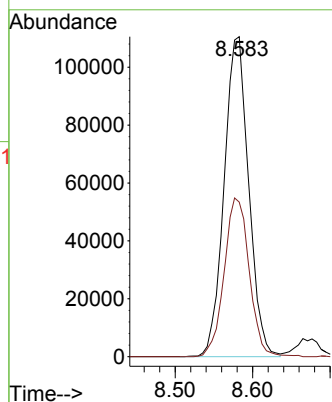
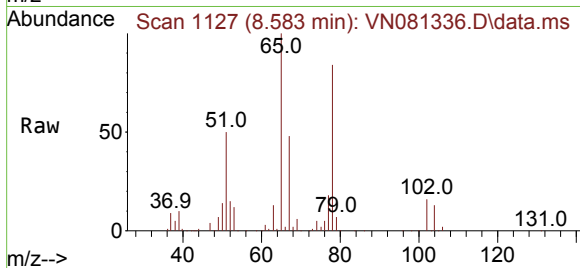
VSTDCCC050

Tgt Ion: 65 Resp: 243525

Ion Ratio Lower Upper

65 100

67 50.8 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: VN081336.D

Acq: 08 Mar 2024 09:55

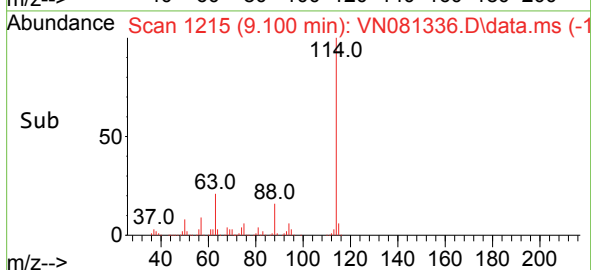
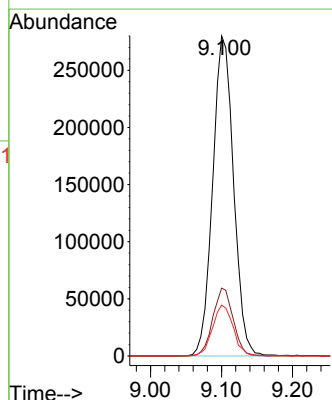
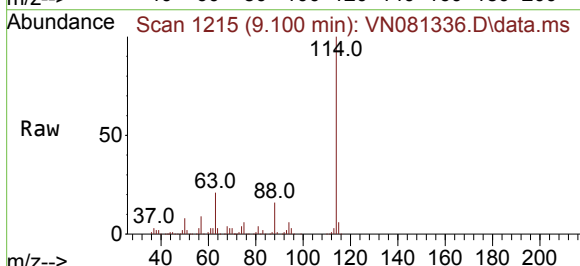
Tgt Ion: 114 Resp: 571055

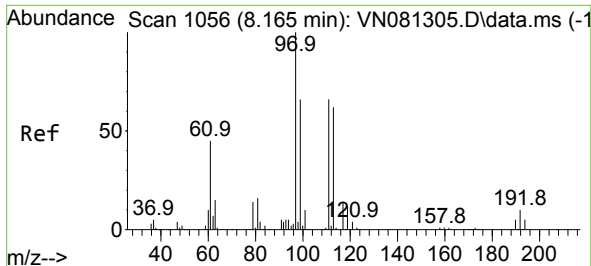
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 15.9 0.0 34.8

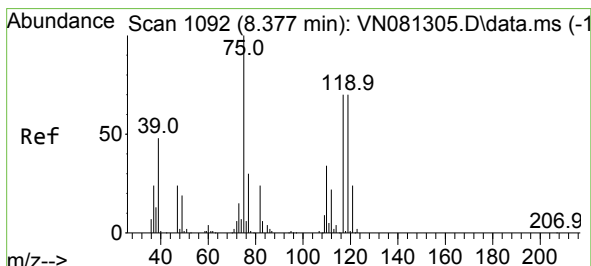
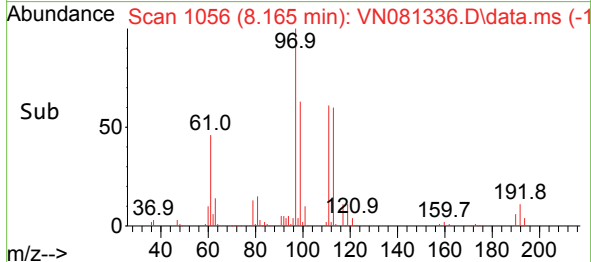
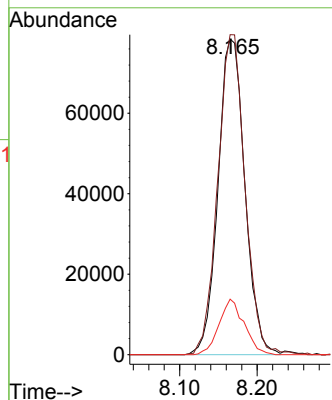
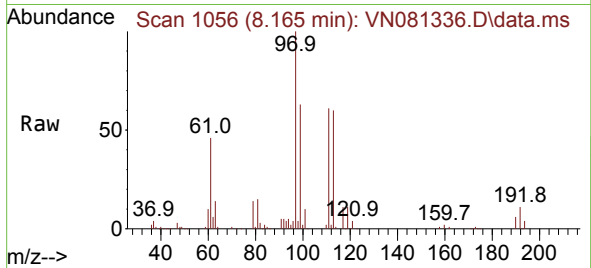




#35
Dibromofluoromethane
Concen: 53.940 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

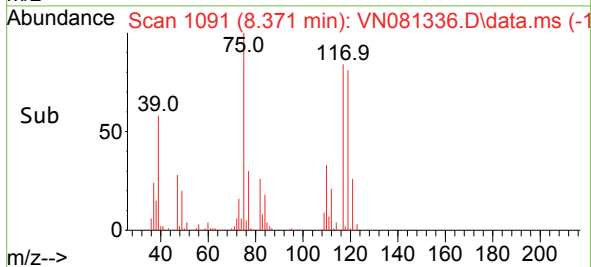
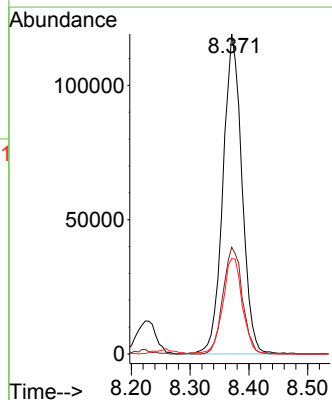
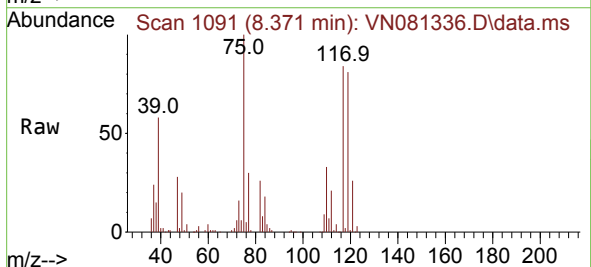
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

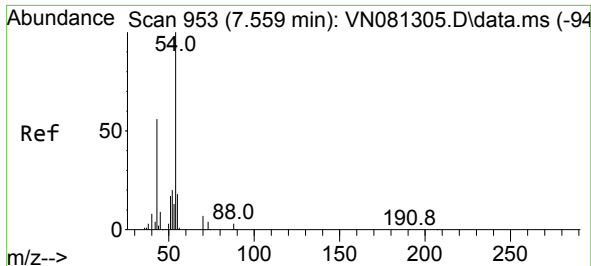
Tgt Ion:113 Resp: 188719
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 47.332 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 75 Resp: 267162
Ion Ratio Lower Upper
75 100
110 34.1 16.0 48.0
77 30.9 25.8 38.6

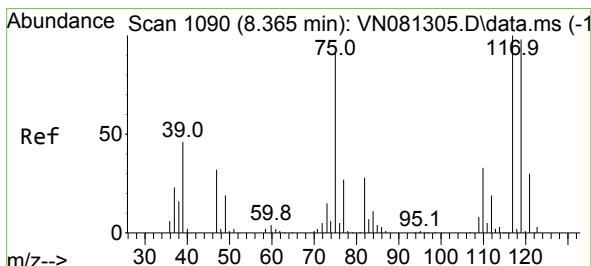
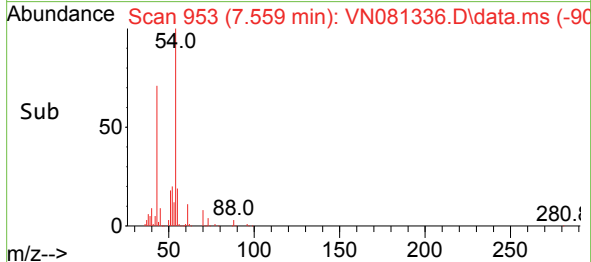
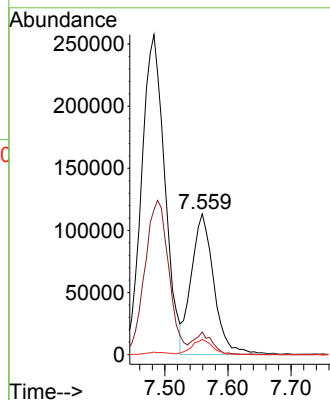
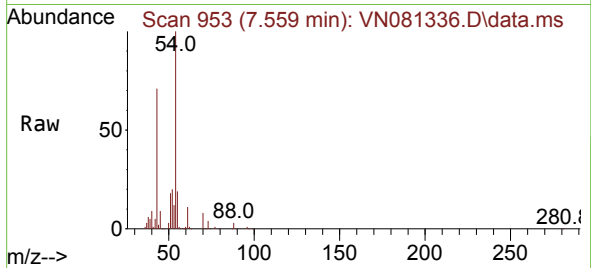




#37
Ethyl Acetate
Concen: 50.813 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

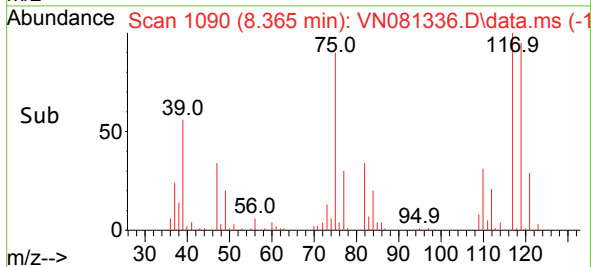
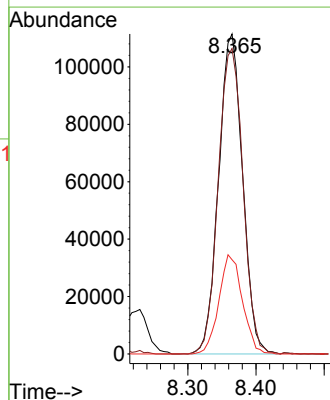
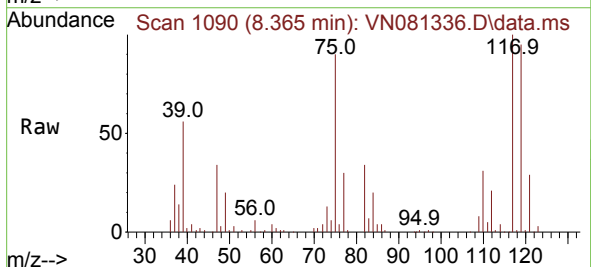
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

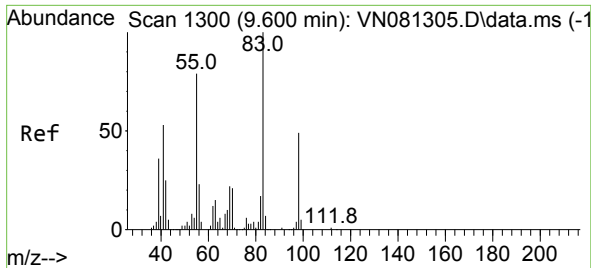
Tgt Ion: 43 Resp: 280366
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 10.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 48.052 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 117 Resp: 272974
Ion Ratio Lower Upper
117 100
119 95.4 73.4 110.2
121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 48.121 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

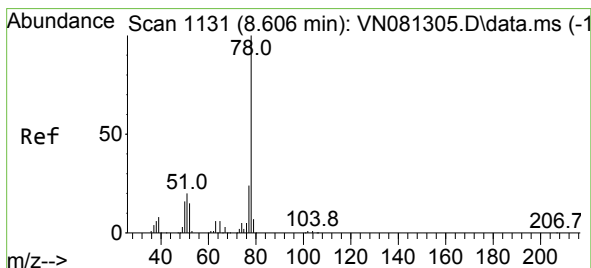
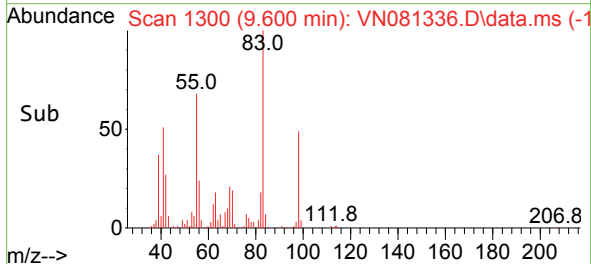
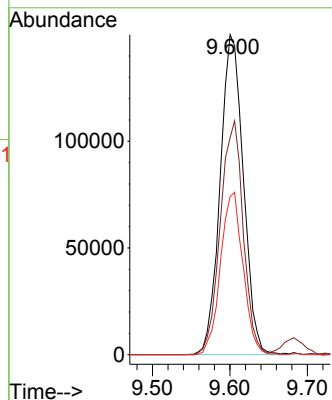
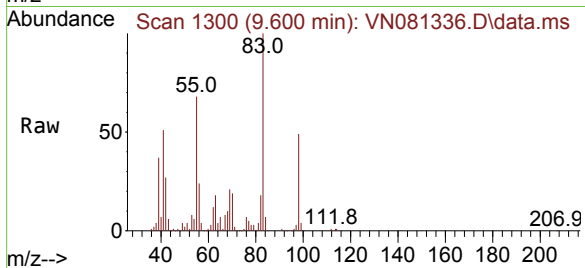
Tgt Ion: 83 Resp: 312589

Ion Ratio Lower Upper

83 100

55 67.8 65.7 98.5

98 49.4 33.8 50.6



#40

Benzene

Concen: 47.541 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081336.D

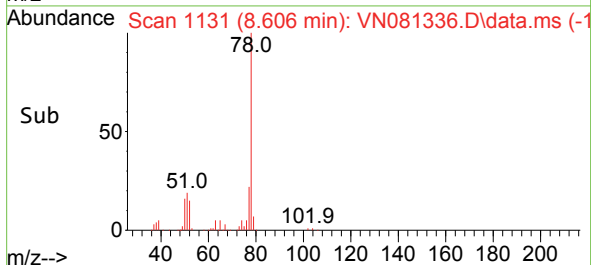
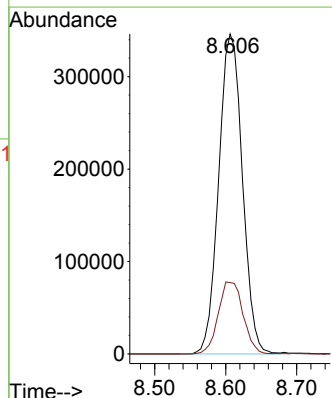
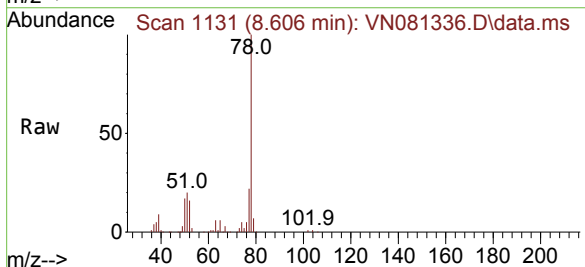
Acq: 08 Mar 2024 09:55

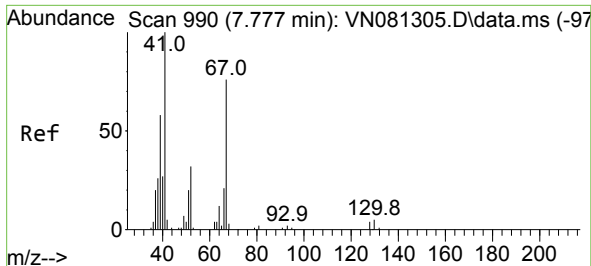
Tgt Ion: 78 Resp: 800972

Ion Ratio Lower Upper

78 100

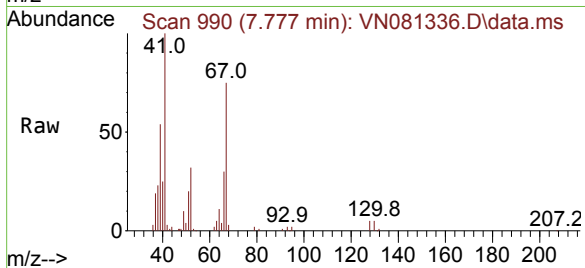
77 22.3 20.4 30.6





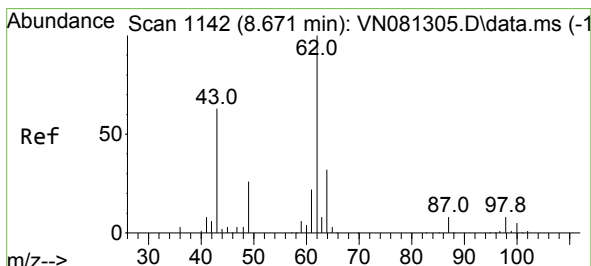
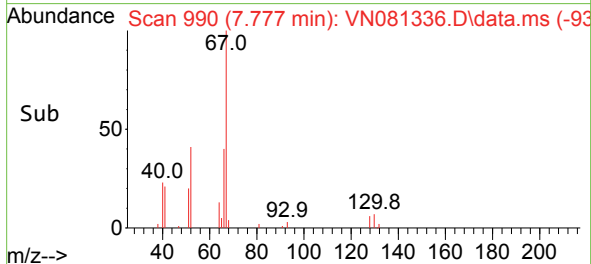
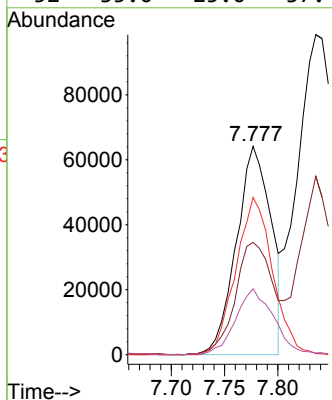
#41
Methacrylonitrile
Concen: 46.640 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 145325

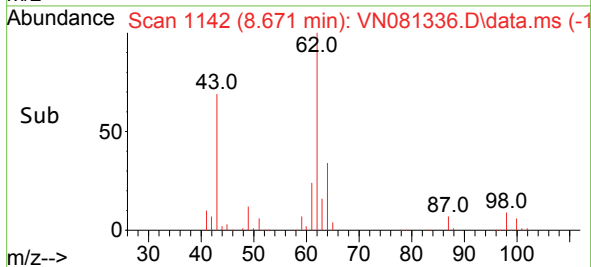
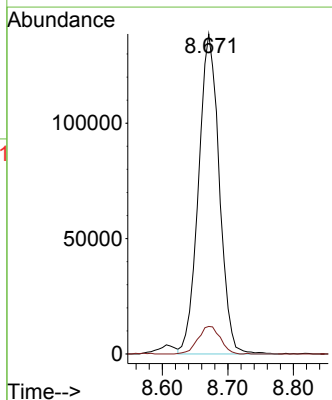
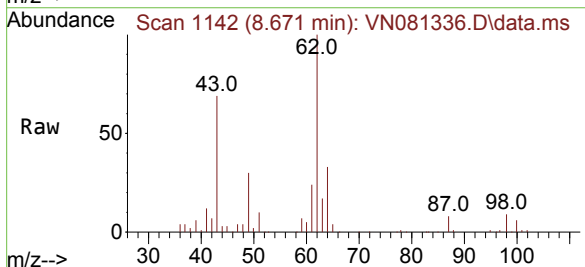
Ion	Ratio	Lower	Upper
41	100		
39	56.5	48.4	72.6
67	79.8	56.8	85.2
52	35.0	25.0	37.4

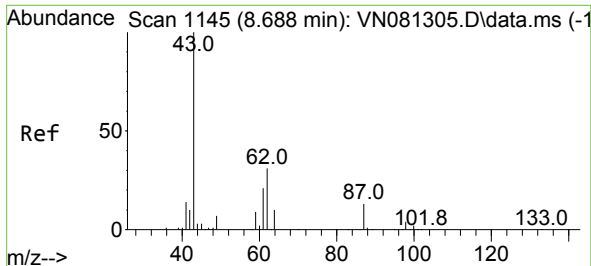


#42
1,2-Dichloroethane
Concen: 51.423 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 62 Resp: 305469

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

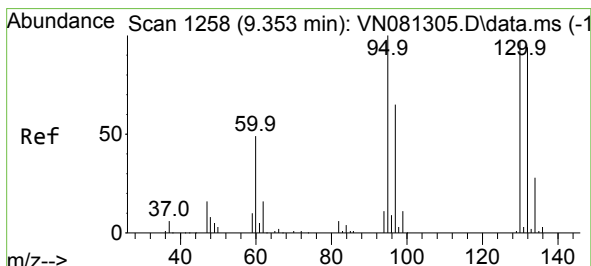
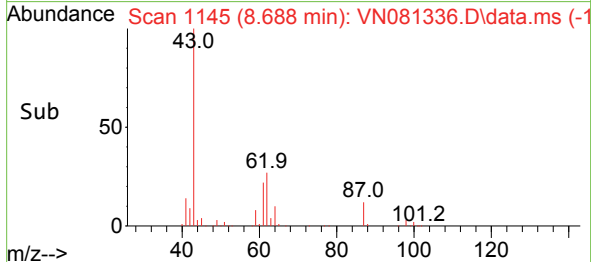
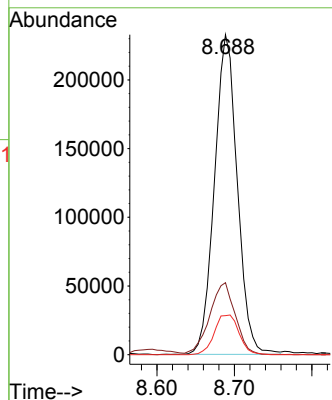
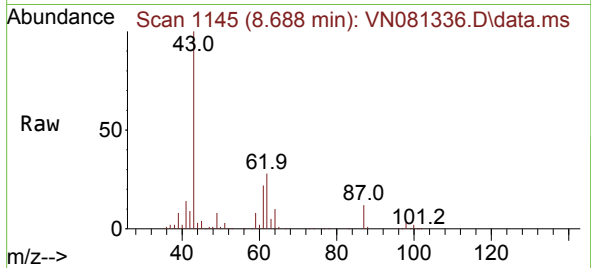




#43
Isopropyl Acetate
Concen: 49.369 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

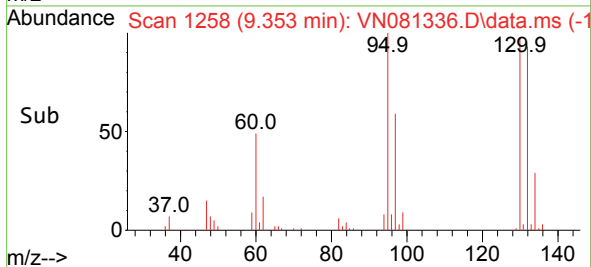
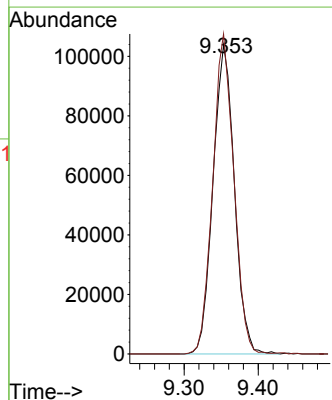
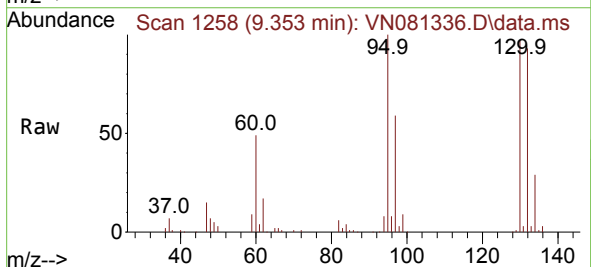
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

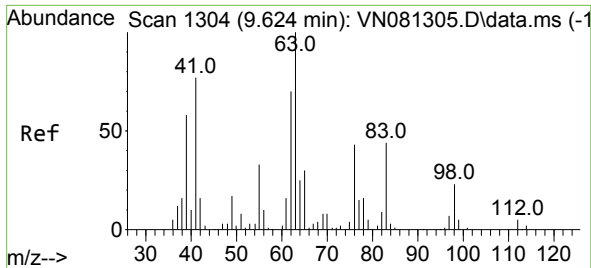
Tgt Ion: 43 Resp: 476774
Ion Ratio Lower Upper
43 100
61 25.4 19.9 29.9
87 13.4 9.0 13.6



#44
Trichloroethene
Concen: 48.851 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:130 Resp: 207580
Ion Ratio Lower Upper
130 100
95 103.5 0.0 210.4

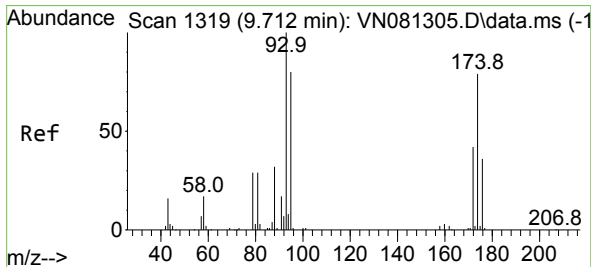
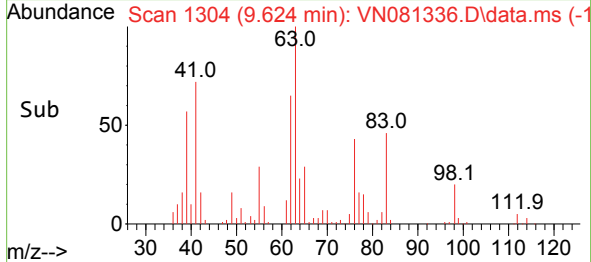
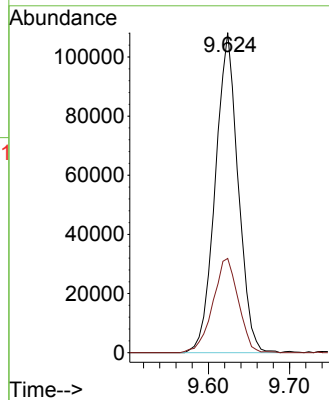
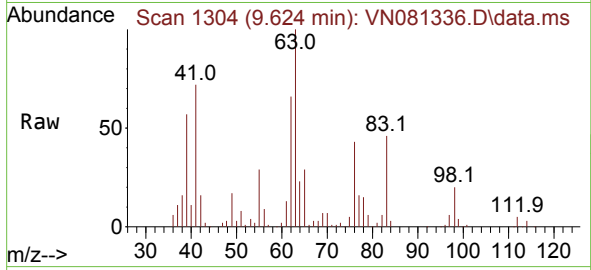




#45
1,2-Dichloropropane
Concen: 49.968 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

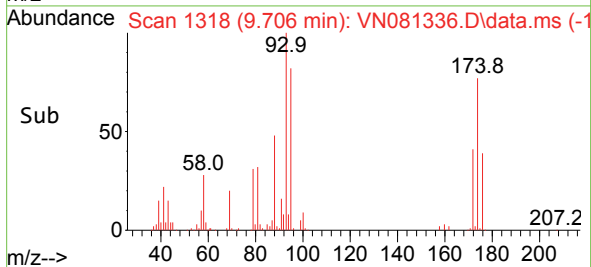
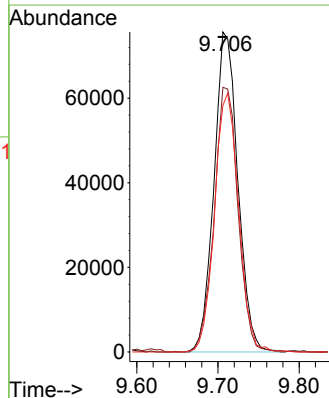
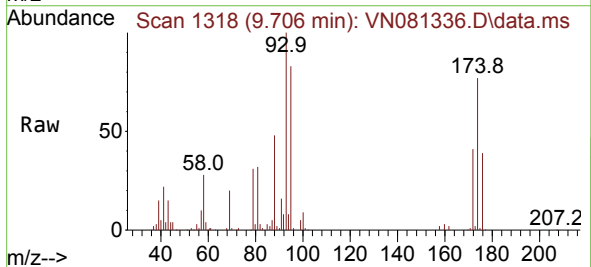
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

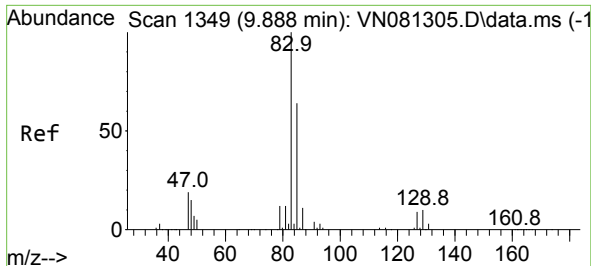
Tgt Ion: 63 Resp: 211484
Ion Ratio Lower Upper
63 100
65 29.5 26.1 39.1



#46
Dibromomethane
Concen: 51.852 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 93 Resp: 154686
Ion Ratio Lower Upper
93 100
95 82.8 68.1 102.1
174 81.7 57.2 85.8

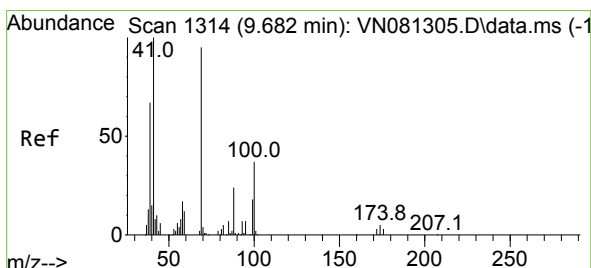
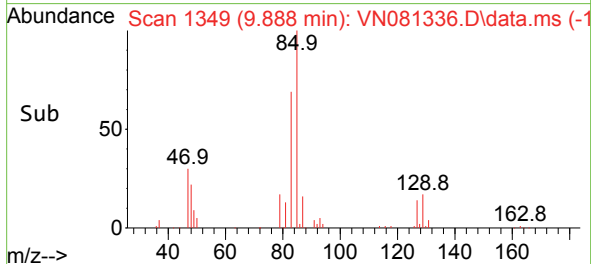
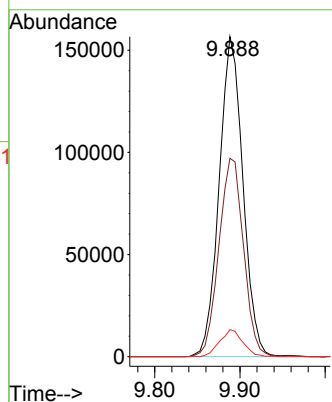
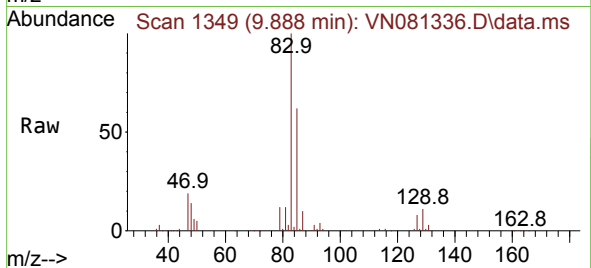




#47
Bromodichloromethane
Concen: 52.455 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

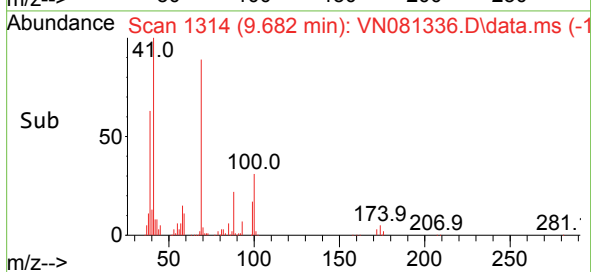
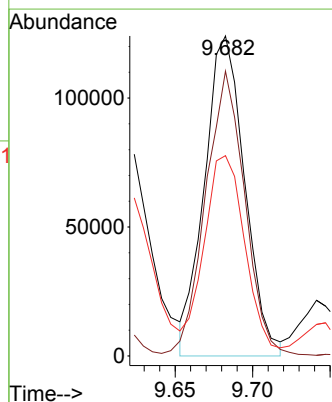
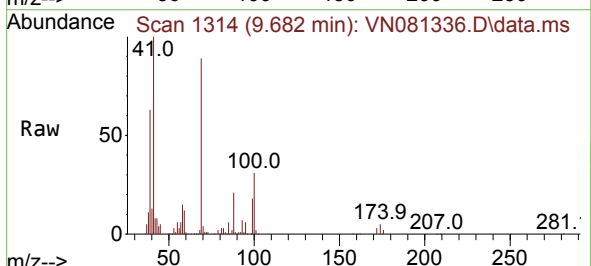
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

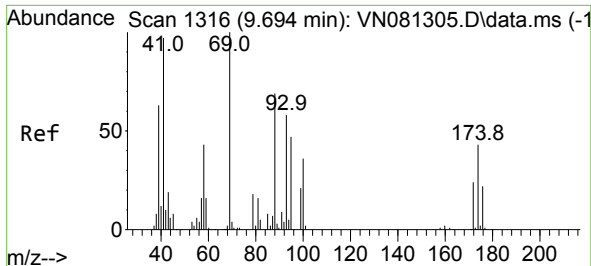
Tgt Ion: 83 Resp: 303784
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5
127 8.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 52.478 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 41 Resp: 224018
Ion Ratio Lower Upper
41 100
69 86.5 62.2 93.2
39 64.1 47.6 71.4





#49

1,4-Dioxane

Concen: 985.048 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

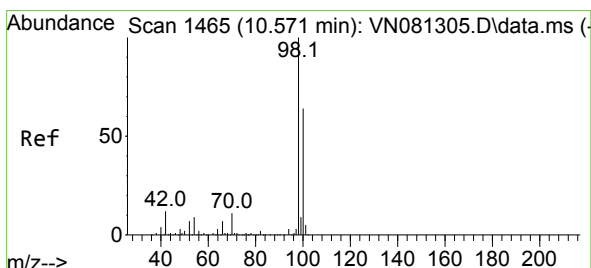
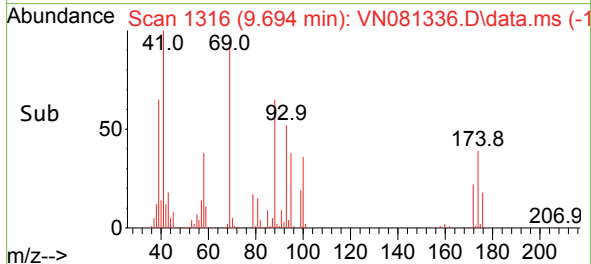
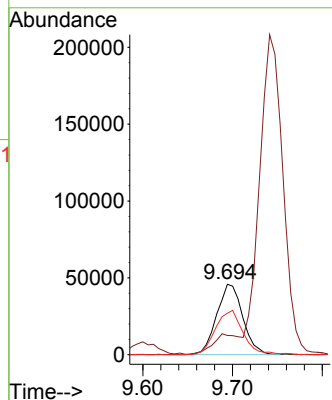
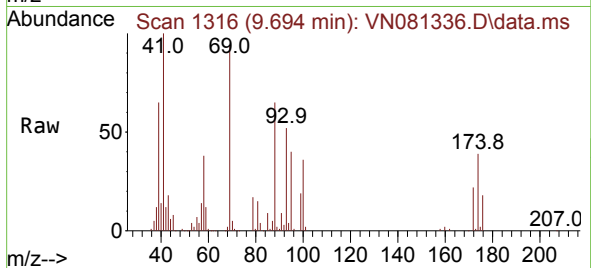
Tgt Ion: 88 Resp: 92682

Ion Ratio Lower Upper

88 100

43 26.4 30.1 45.1#

58 66.8 63.9 95.9



#50

Toluene-d8

Concen: 51.730 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081336.D

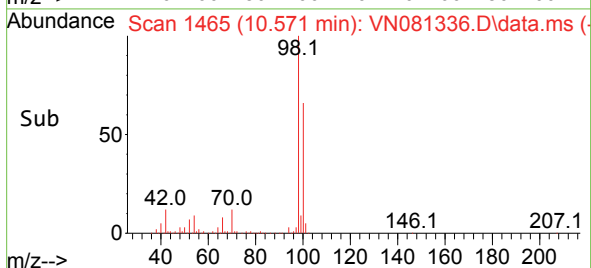
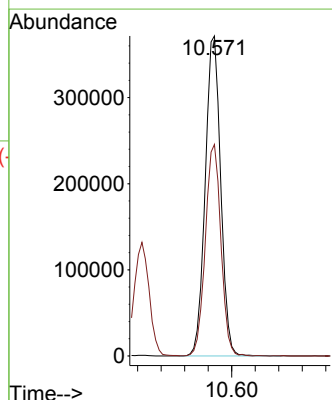
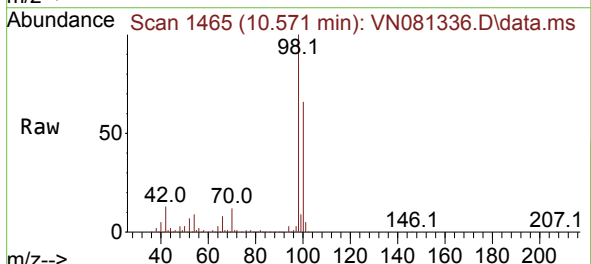
Acq: 08 Mar 2024 09:55

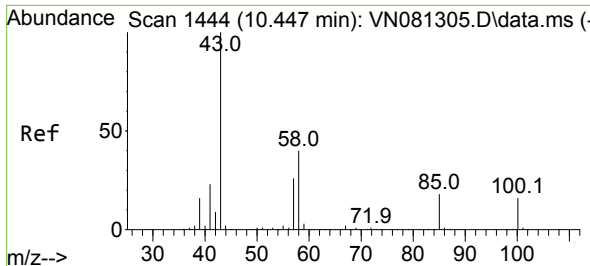
Tgt Ion: 98 Resp: 676562

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 259.486 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

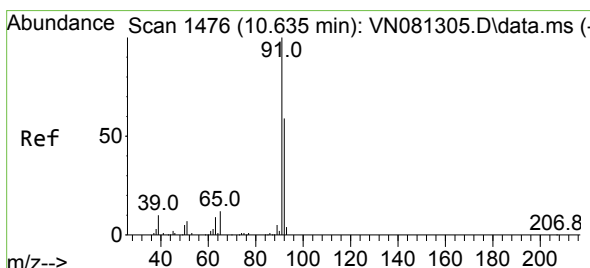
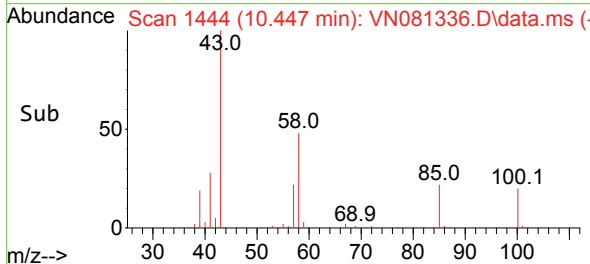
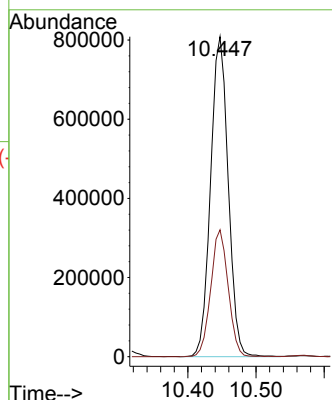
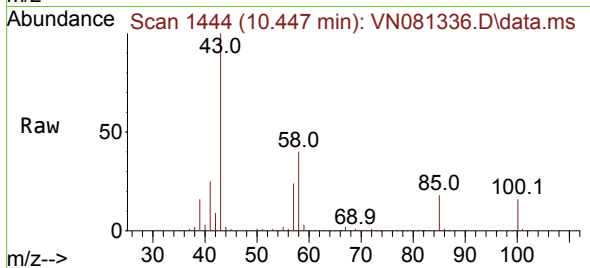
VSTDCCC050

Tgt Ion: 43 Resp: 1455082

Ion Ratio Lower Upper

43 100

58 39.3 29.4 44.0



#52

Toluene

Concen: 49.587 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081336.D

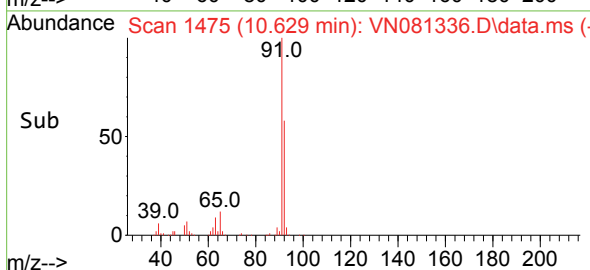
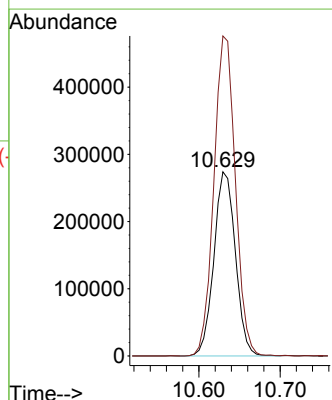
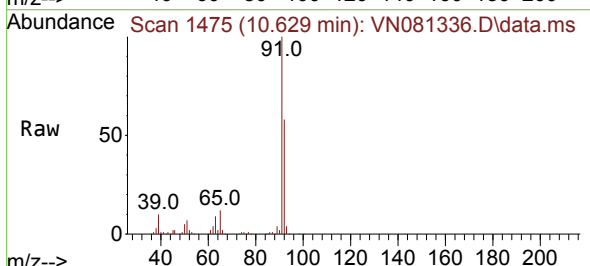
Acq: 08 Mar 2024 09:55

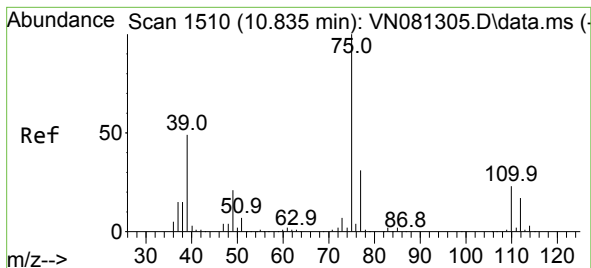
Tgt Ion: 92 Resp: 504669

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.0

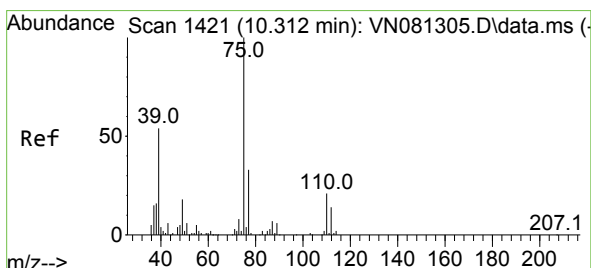
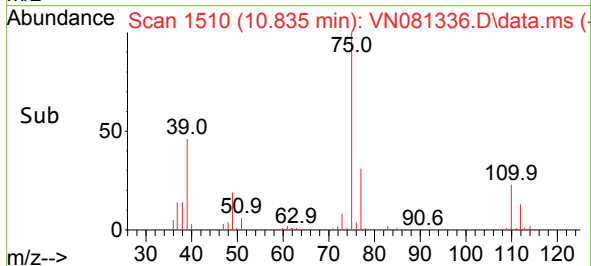
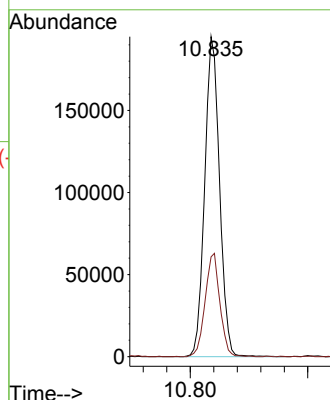
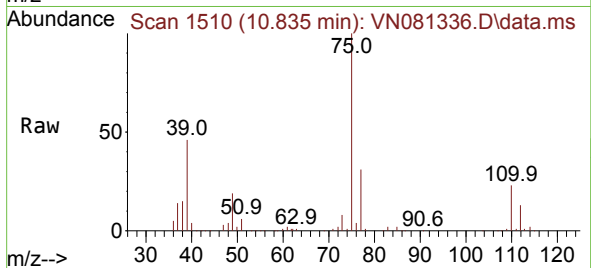




#53
t-1,3-Dichloropropene
Concen: 54.523 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

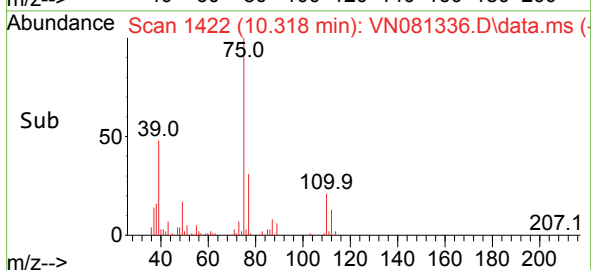
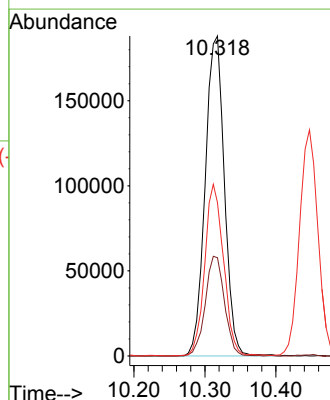
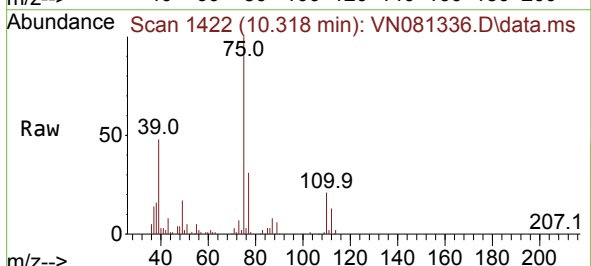
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

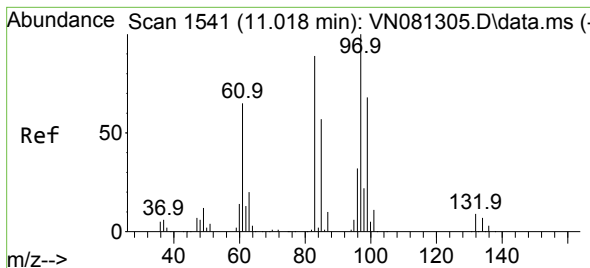
Tgt Ion: 75 Resp: 341646
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 52.274 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 75 Resp: 353604
Ion Ratio Lower Upper
75 100
77 30.7 23.3 34.9
39 47.5 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 52.662 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 212541

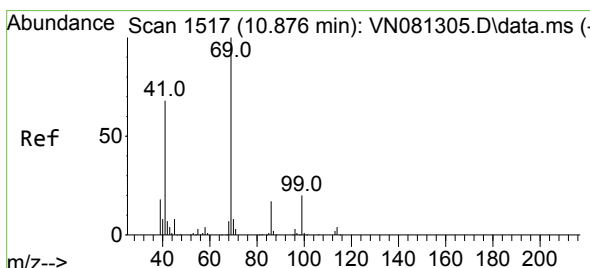
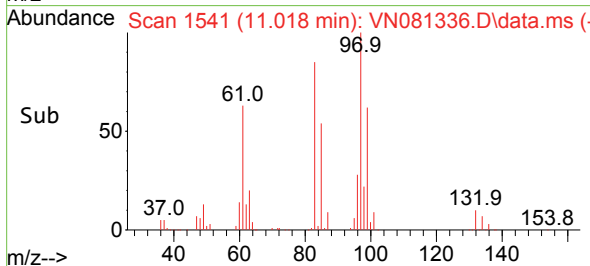
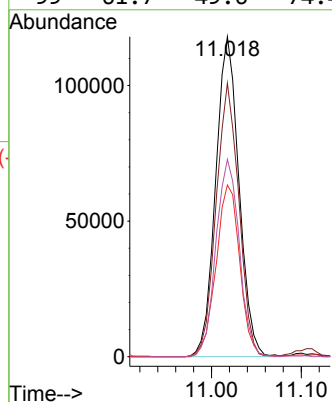
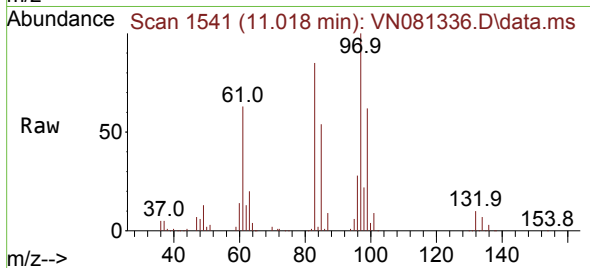
Ion Ratio Lower Upper

97 100

83 85.5 72.9 109.3

85 53.6 50.2 75.2

99 61.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 54.745 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

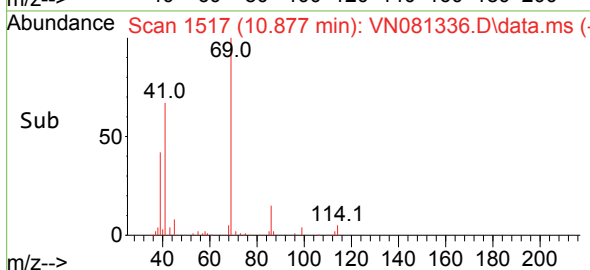
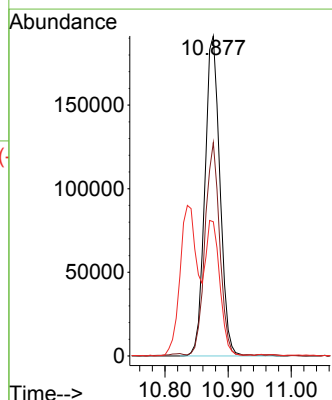
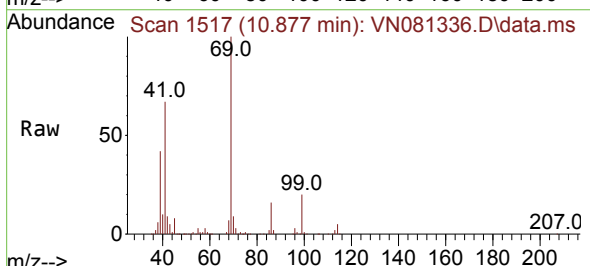
Tgt Ion: 69 Resp: 317264

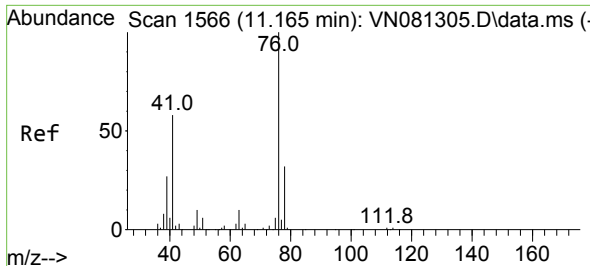
Ion Ratio Lower Upper

69 100

41 64.6 61.0 91.6

39 39.0 31.8 47.6

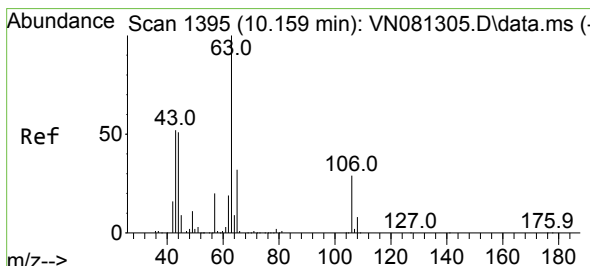
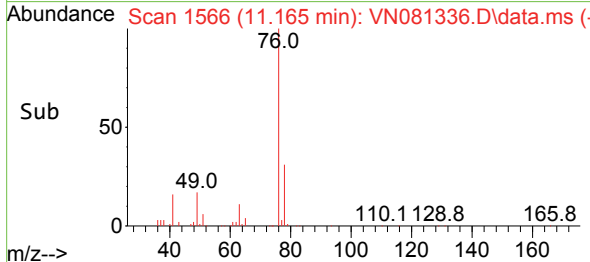
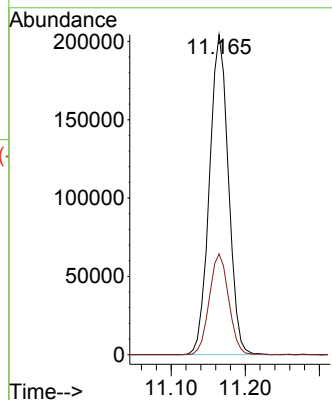
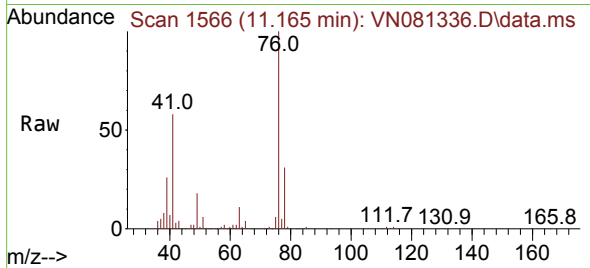




#57
1,3-Dichloropropane
Concen: 51.640 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

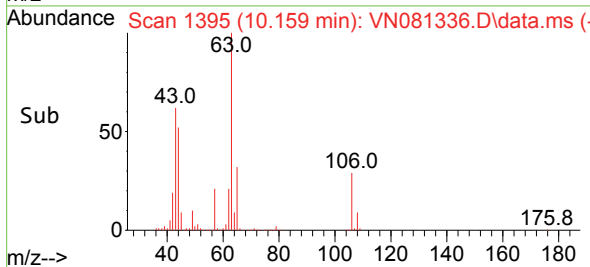
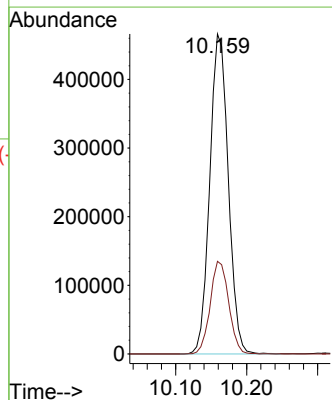
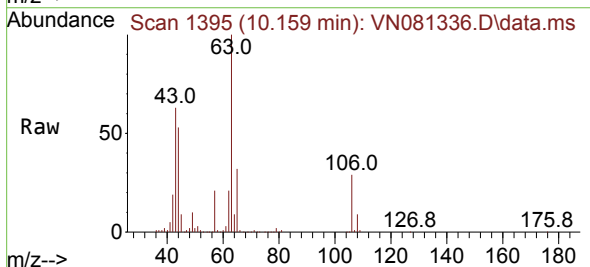
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

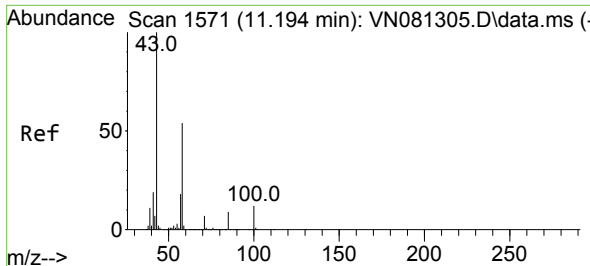
Tgt Ion: 76 Resp: 363743
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 270.315 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 63 Resp: 842669
Ion Ratio Lower Upper
63 100
106 29.0 18.6 28.0#

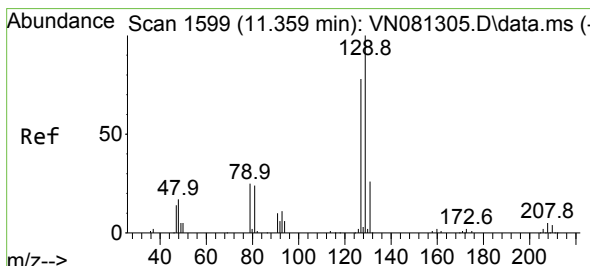
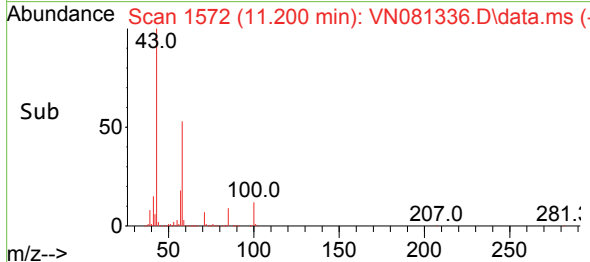
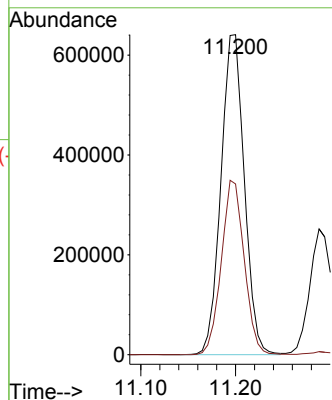
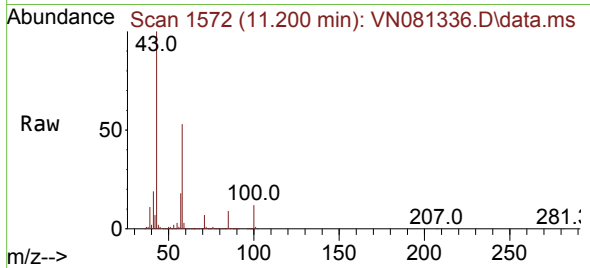




#59
2-Hexanone
Concen: 262.652 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

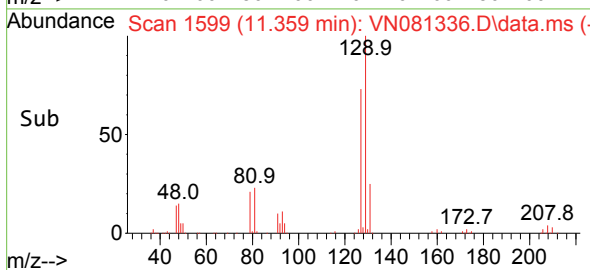
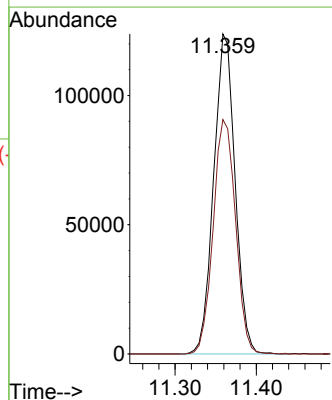
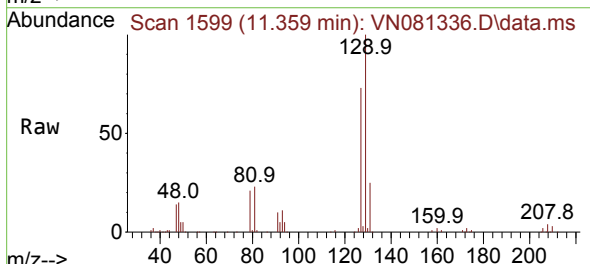
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

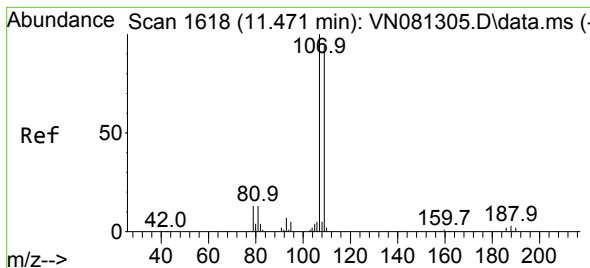
Tgt Ion: 43 Resp: 1101073
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8



#60
Dibromochloromethane
Concen: 54.588 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:129 Resp: 226894
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2





#61

1,2-Dibromoethane

Concen: 51.583 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

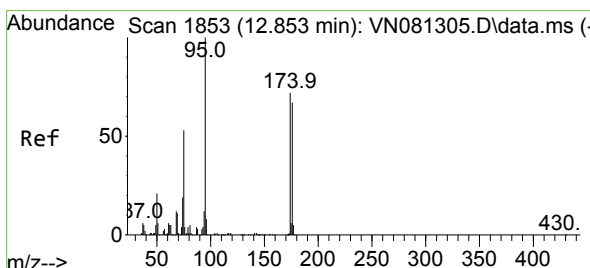
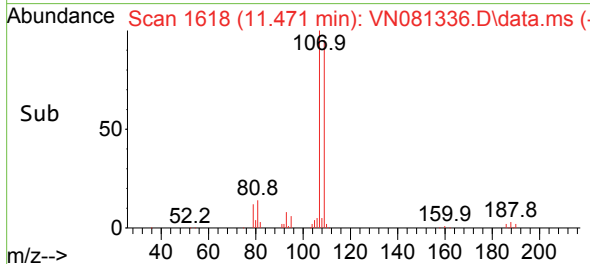
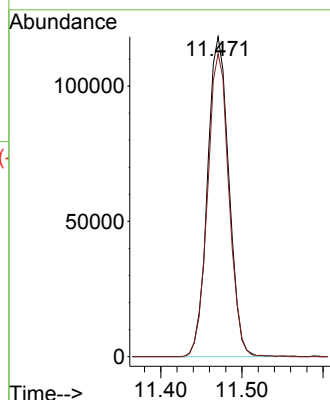
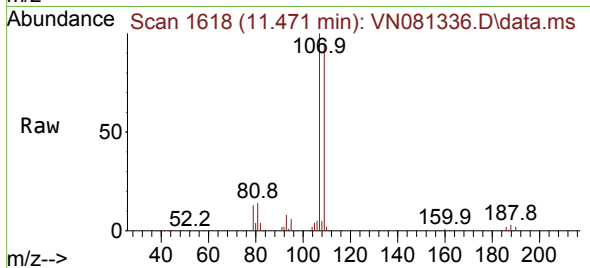
VSTDCCC050

Tgt Ion:107 Resp: 216007

Ion Ratio Lower Upper

107 100

109 94.6 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 55.098 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

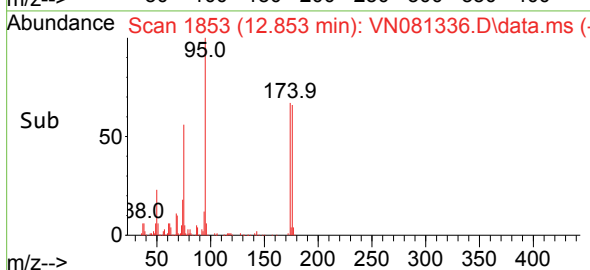
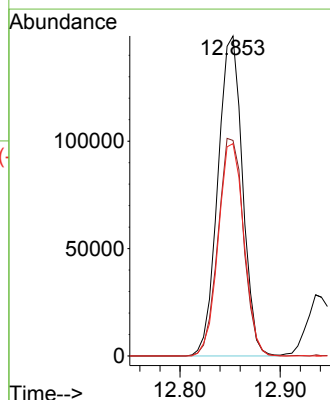
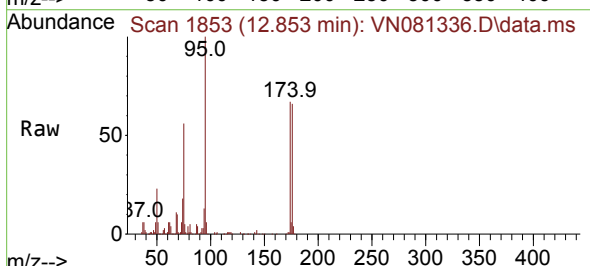
Tgt Ion: 95 Resp: 254694

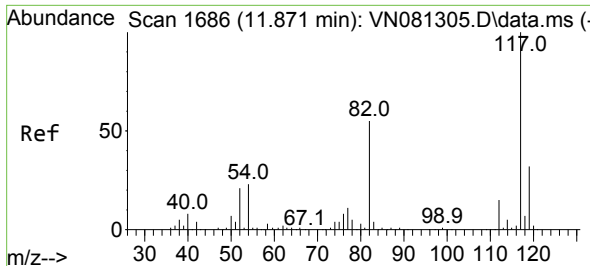
Ion Ratio Lower Upper

95 100

174 70.3 0.0 120.4

176 68.9 0.0 121.0

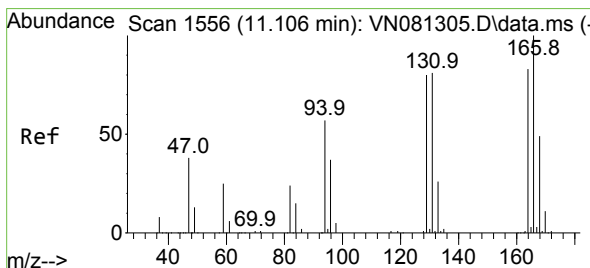
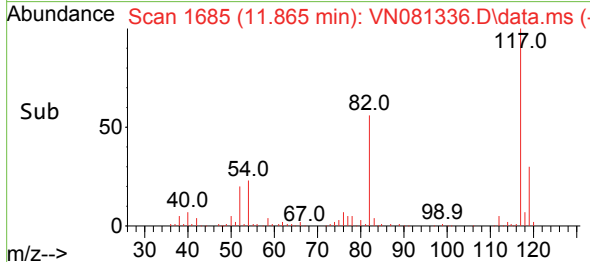
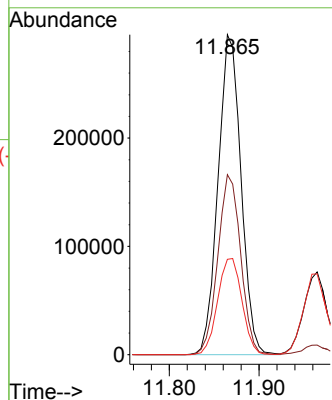
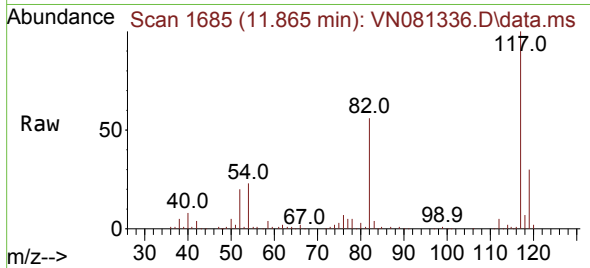




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

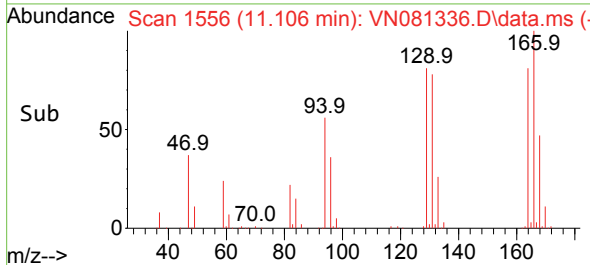
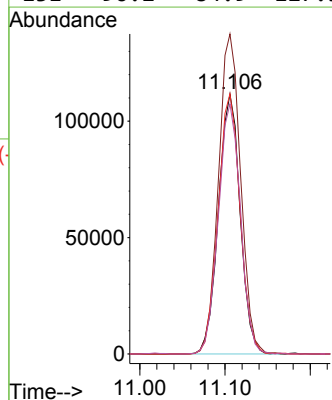
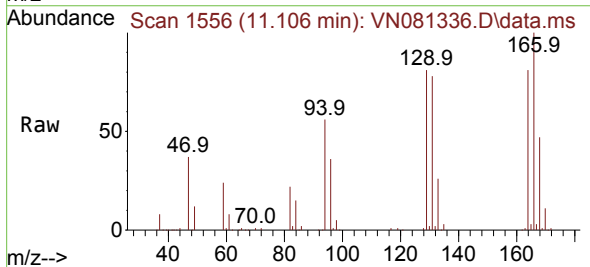
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

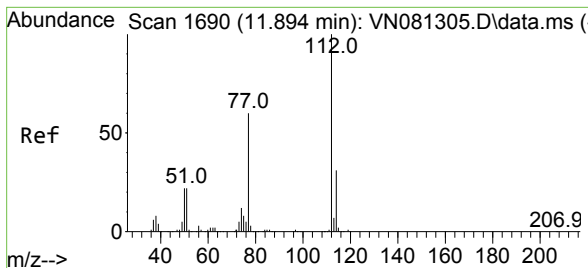
Tgt Ion:117 Resp: 524748
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 29.8 25.3 37.9



#64
Tetrachloroethene
Concen: 48.126 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:164 Resp: 197737
Ion Ratio Lower Upper
164 100
166 123.1 105.8 158.6
129 100.1 89.6 134.4
131 96.2 84.9 127.3

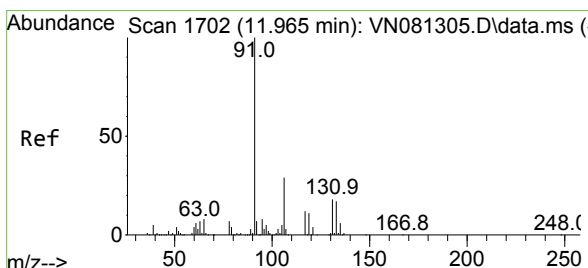
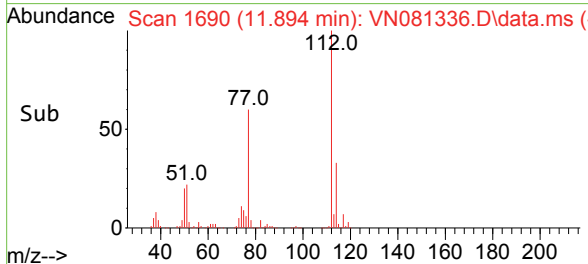
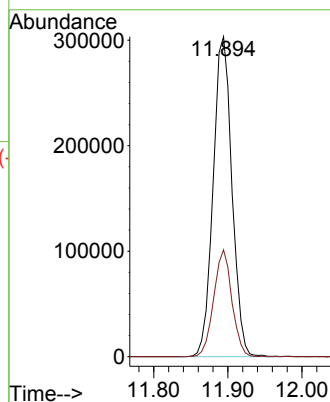
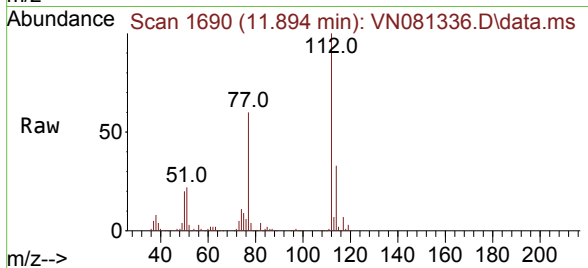




#65
Chlorobenzene
Concen: 48.307 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

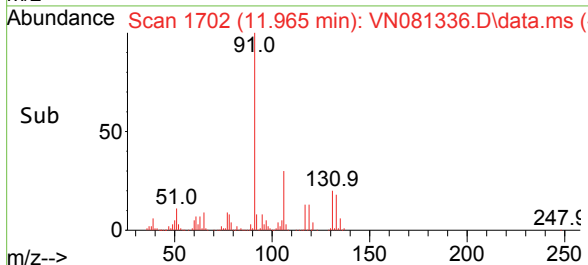
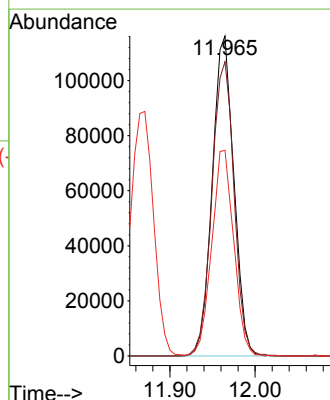
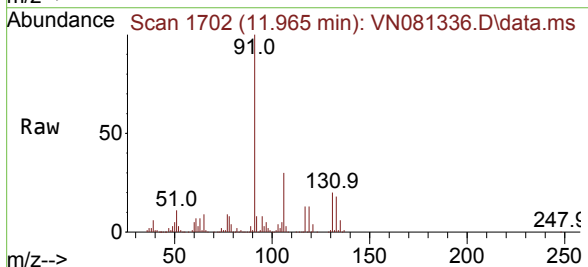
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

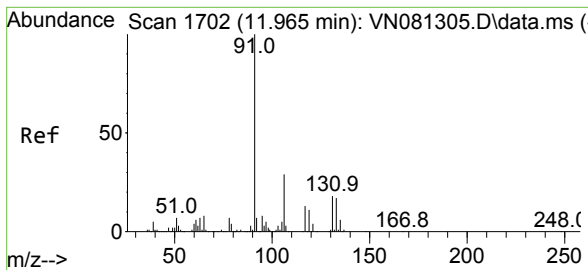
Tgt Ion:112 Resp: 534167
Ion Ratio Lower Upper
112 100
114 33.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.578 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:131 Resp: 204656
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 65.7 34.6 103.9

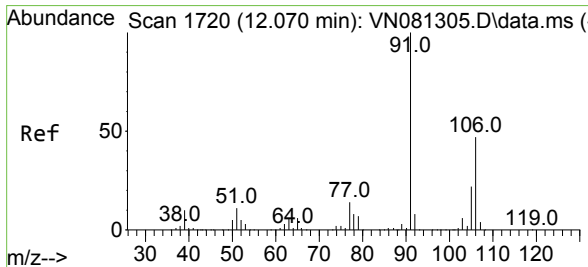
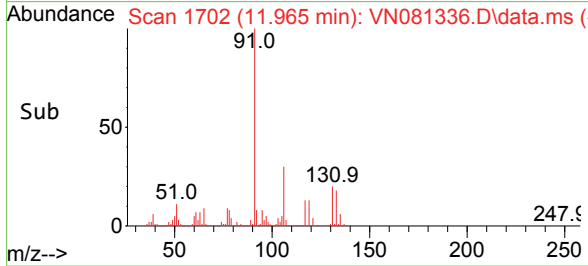
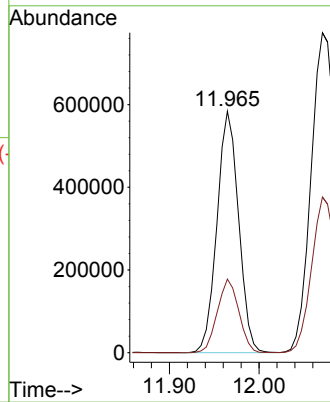
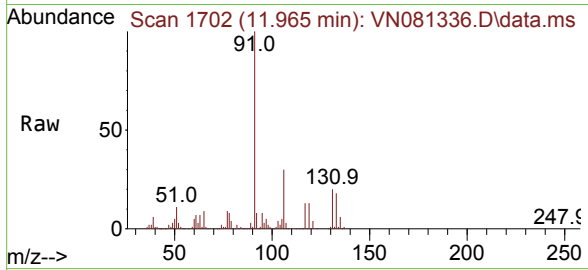




#67
Ethyl Benzene
Concen: 49.006 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

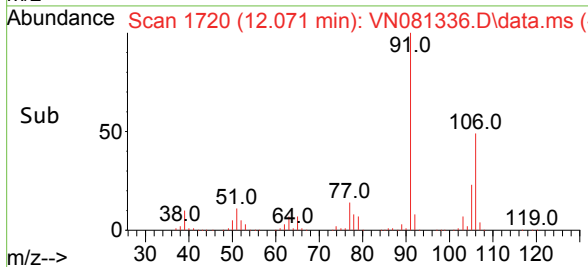
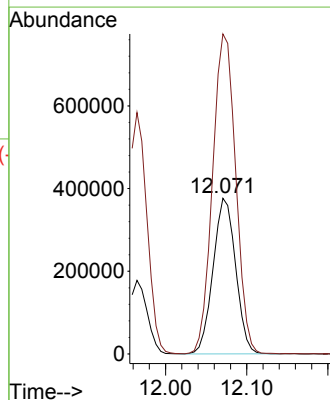
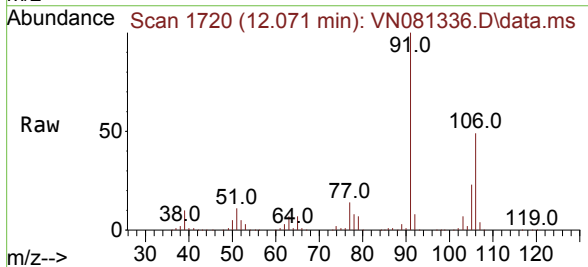
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

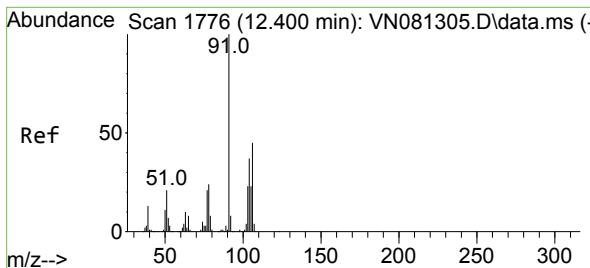
Tgt Ion: 91 Resp: 976132
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 97.009 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 106 Resp: 727212
Ion Ratio Lower Upper
106 100
91 210.7 169.0 253.6

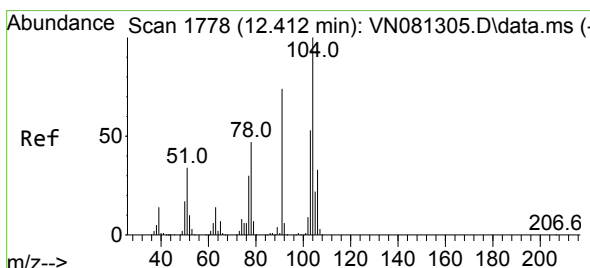
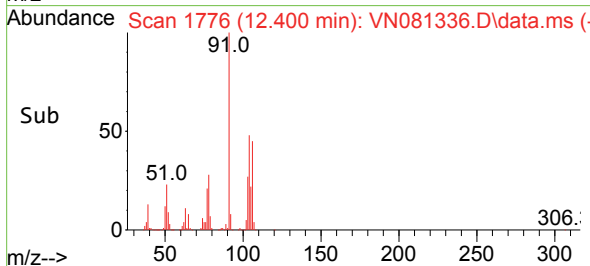
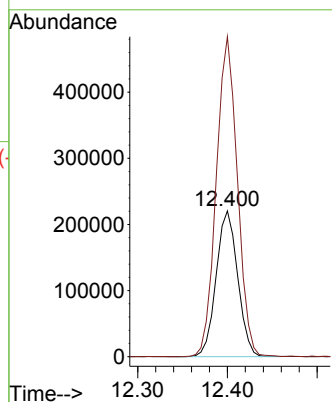
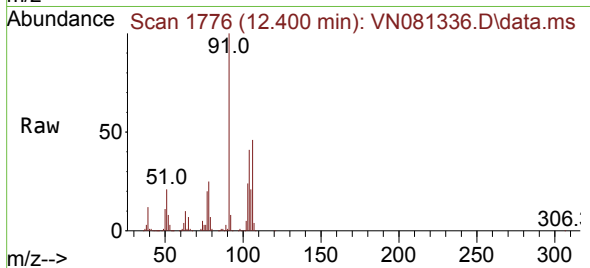




#69
o-Xylene
Concen: 50.541 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

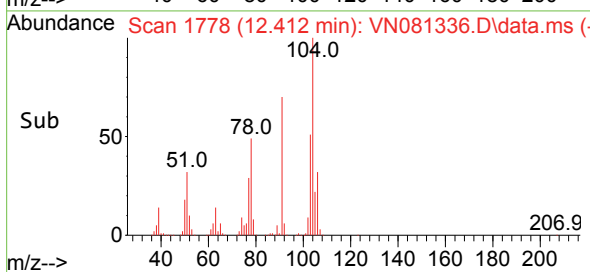
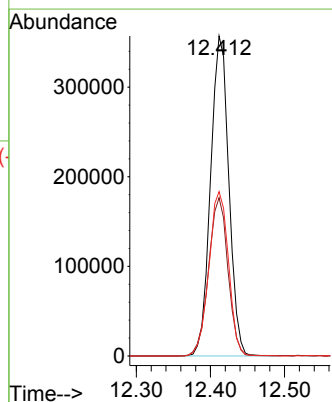
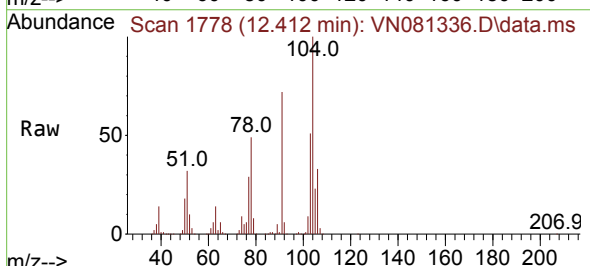
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

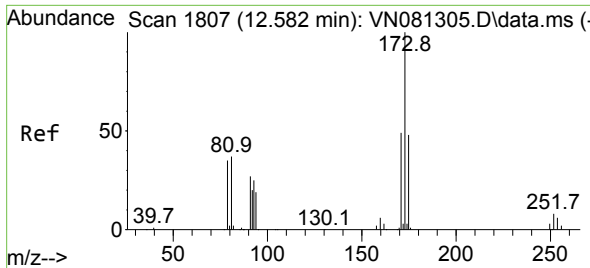
Tgt Ion:106 Resp: 367184
Ion Ratio Lower Upper
106 100
91 215.7 112.1 336.3



#70
Styrene
Concen: 53.137 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:104 Resp: 611774
Ion Ratio Lower Upper
104 100
78 52.6 43.8 65.8
103 55.1 44.2 66.2

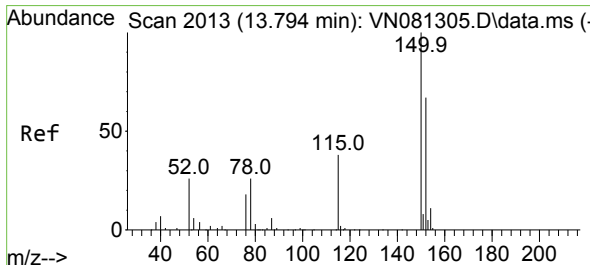
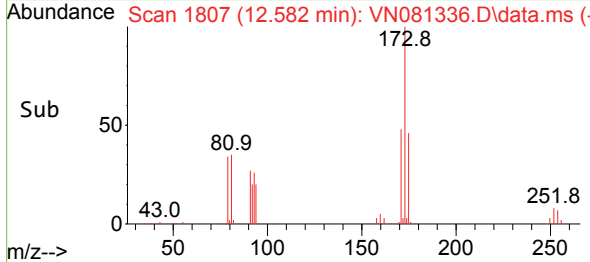
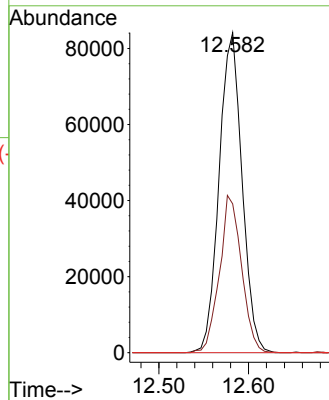
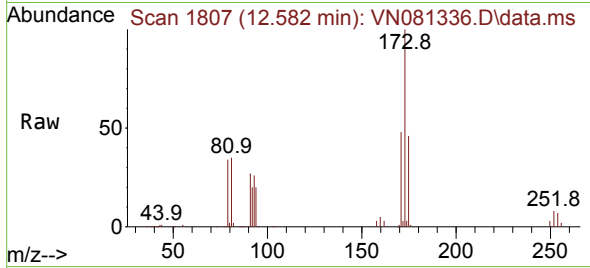




#71
Bromoform
Concen: 53.126 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

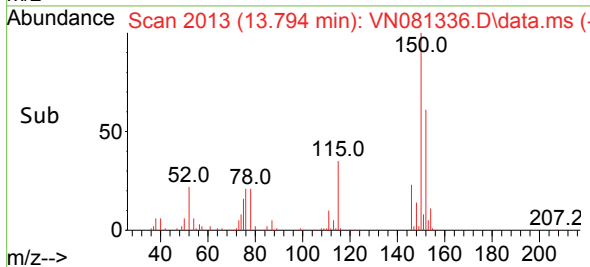
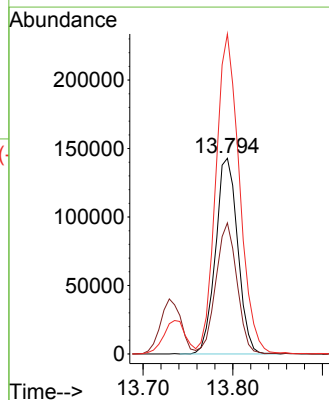
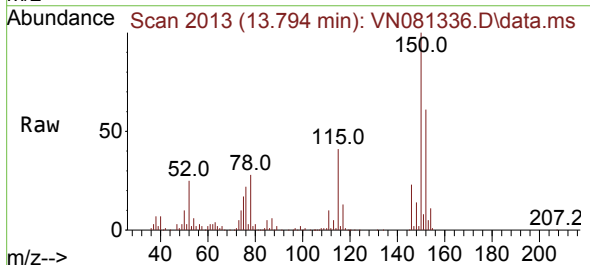
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

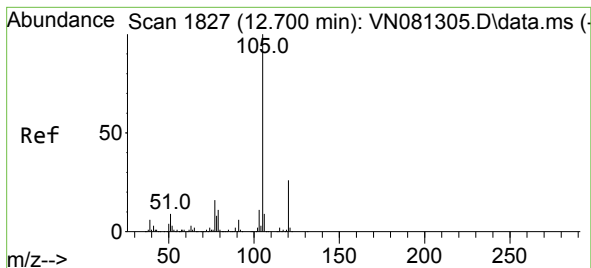
Tgt Ion:173 Resp: 149241
Ion Ratio Lower Upper
173 100
175 47.4 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:152 Resp: 244740
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 173.9 0.0 339.8





#73

Isopropylbenzene

Concen: 47.936 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

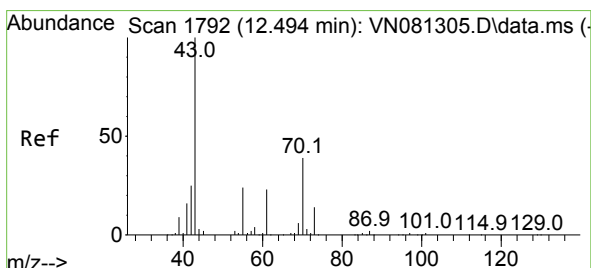
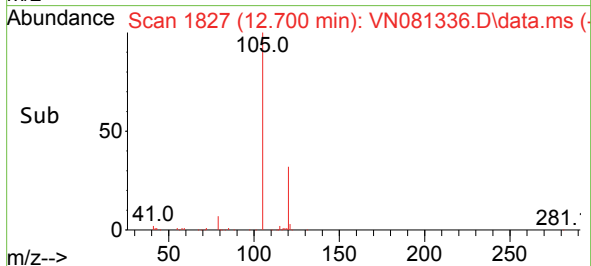
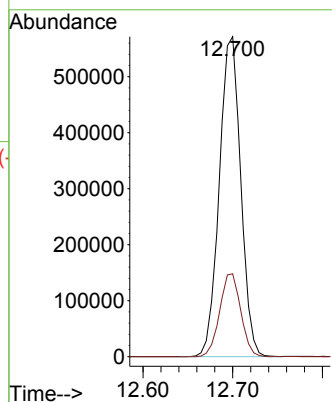
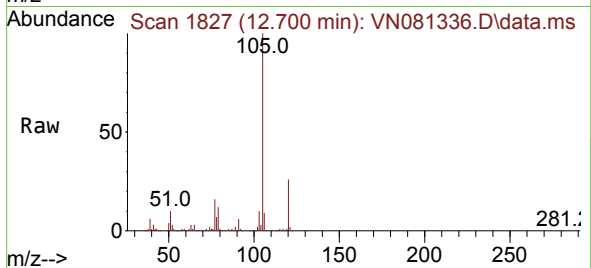
VSTDCCC050

Tgt Ion:105 Resp: 947344

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6



#74

N-ethyl acetate

Concen: 50.116 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Tgt Ion: 43 Resp: 415568

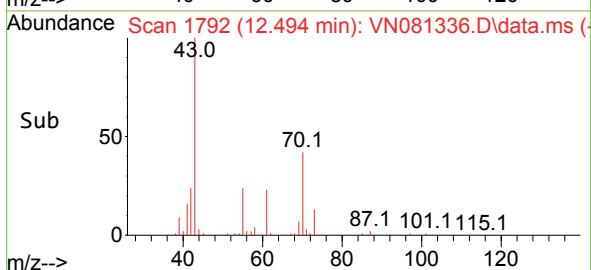
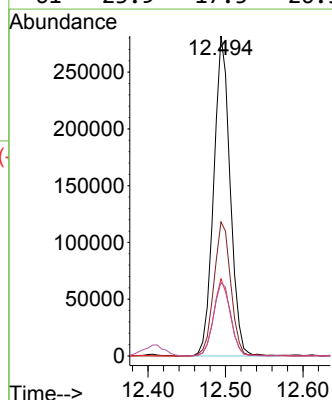
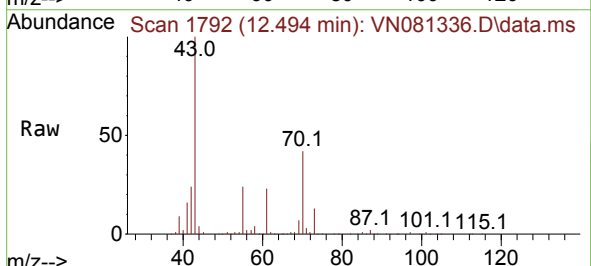
Ion Ratio Lower Upper

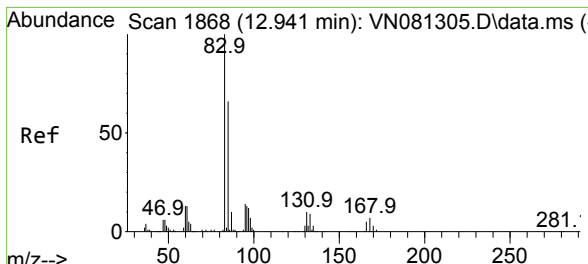
43 100

70 43.1 30.1 45.1

55 24.4 17.0 25.4

61 23.9 17.5 26.3

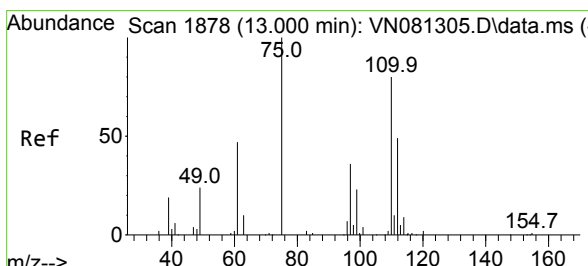
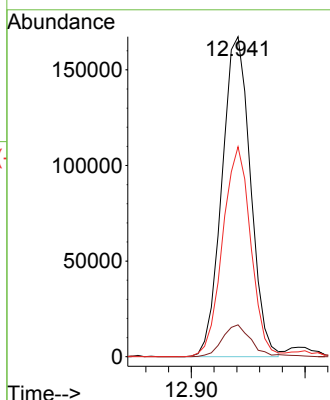
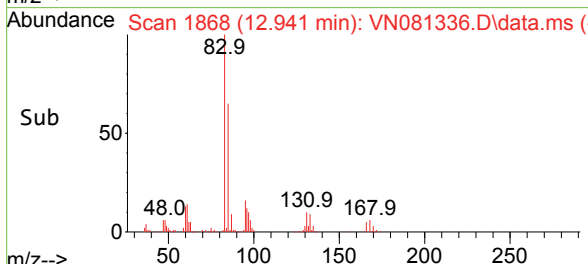
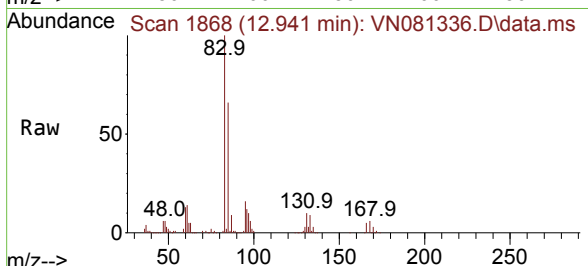




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.868 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

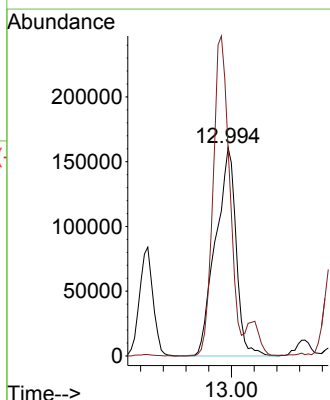
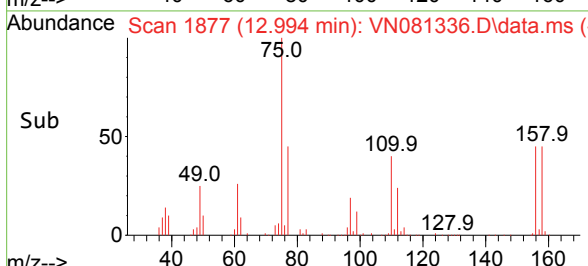
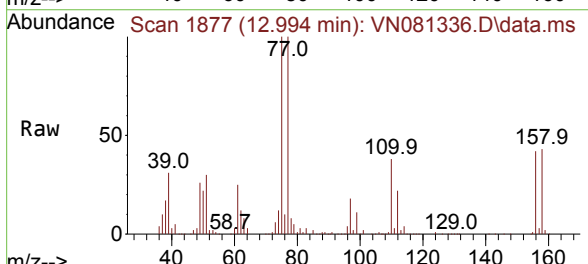
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

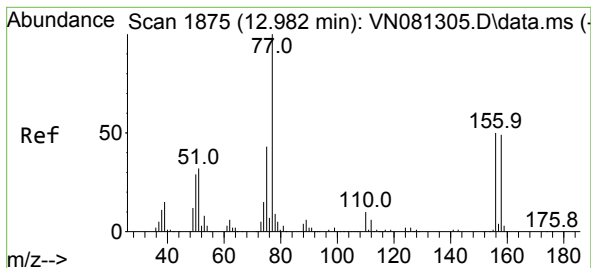
Tgt Ion:	83	Resp:	291948
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.1	12.3
85	64.8	32.1	96.3



#76
 1,2,3-Trichloropropane
 Concen: 69.855 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion:	75	Resp:	403810
Ion	Ratio	Lower	Upper
75	100		
77	122.9	91.0	272.8





#77

Bromobenzene

Concen: 46.571 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

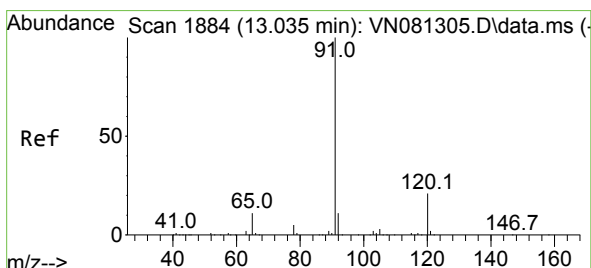
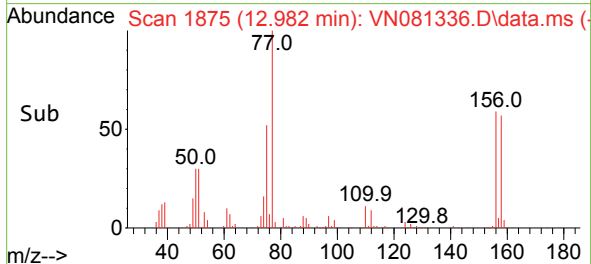
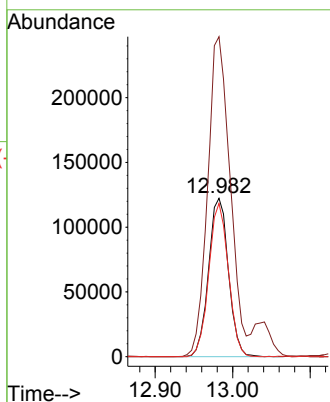
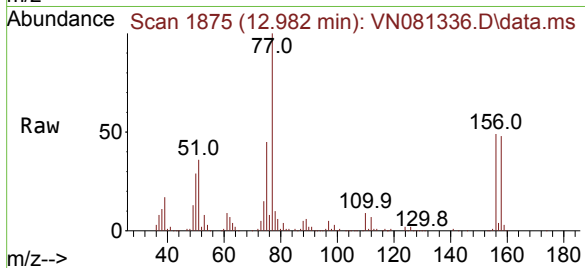
Tgt Ion:156 Resp: 218217

Ion Ratio Lower Upper

156 100

77 227.4 138.1 414.3

158 95.3 46.5 139.5



#78

n-propylbenzene

Concen: 49.321 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081336.D

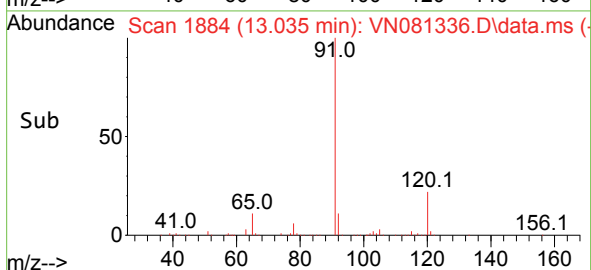
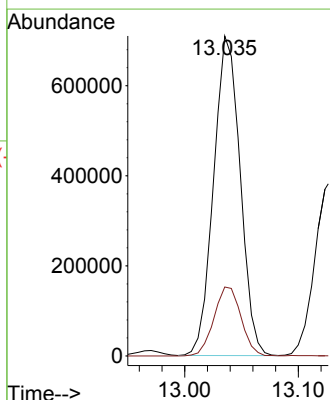
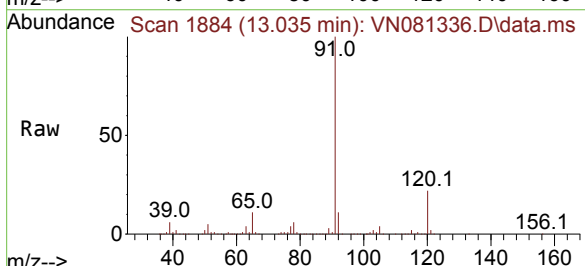
Acq: 08 Mar 2024 09:55

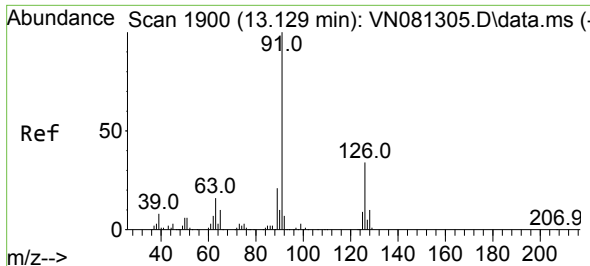
Tgt Ion: 91 Resp: 1152876

Ion Ratio Lower Upper

91 100

120 22.1 10.3 30.9

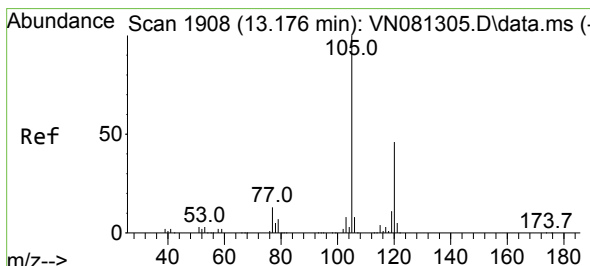
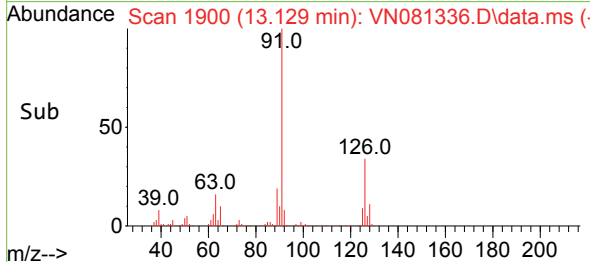
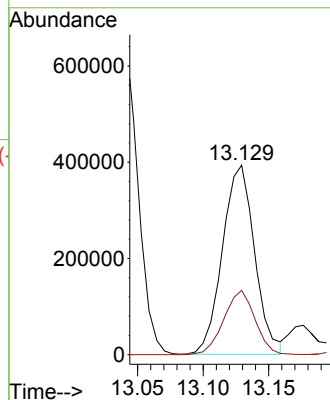
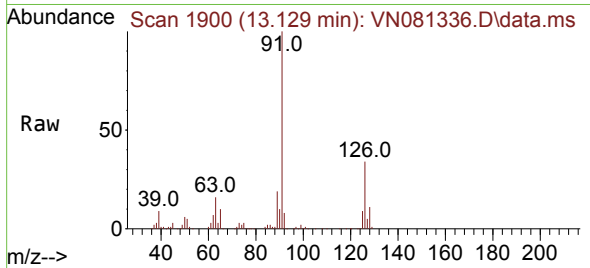




#79
2-Chlorotoluene
Concen: 47.026 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

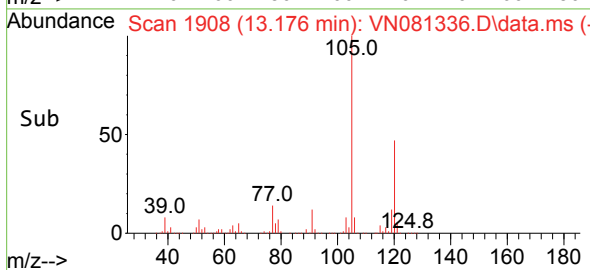
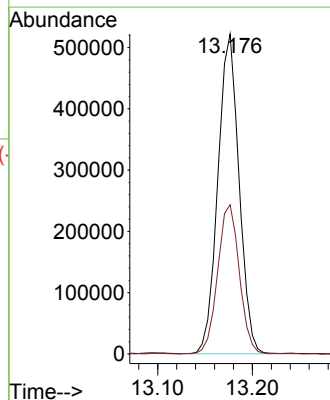
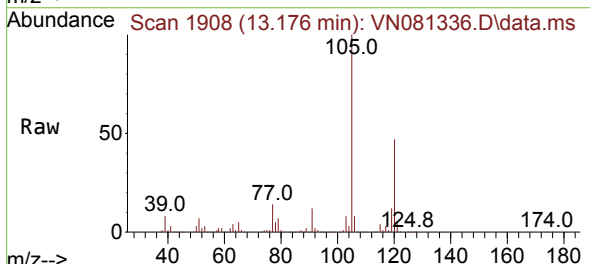
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

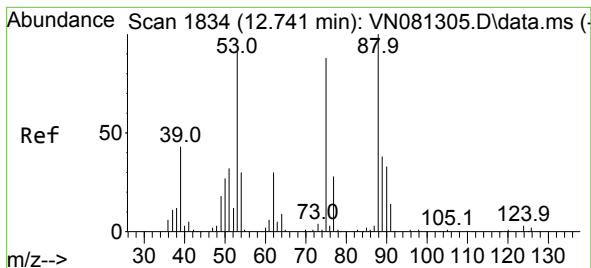
Tgt Ion: 91 Resp: 671895
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 49.713 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 105 Resp: 812131
Ion Ratio Lower Upper
105 100
120 47.9 23.0 69.0

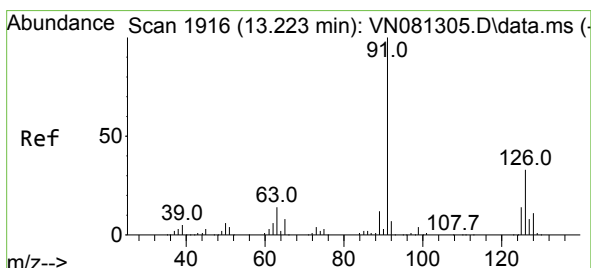
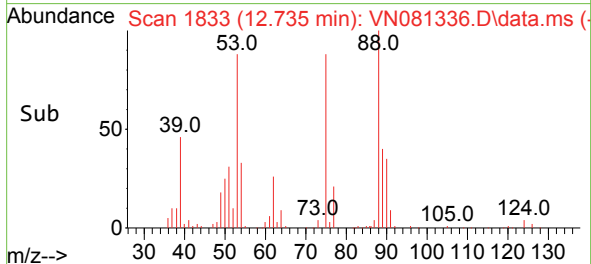
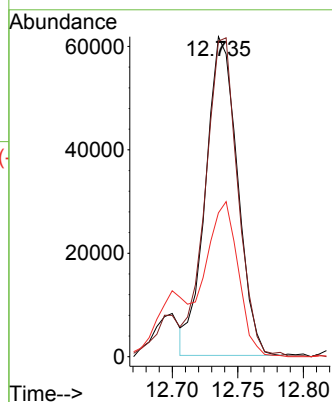
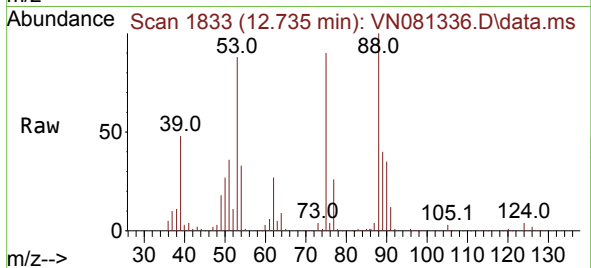




#81
trans-1,4-Dichloro-2-butene
Concen: 50.348 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

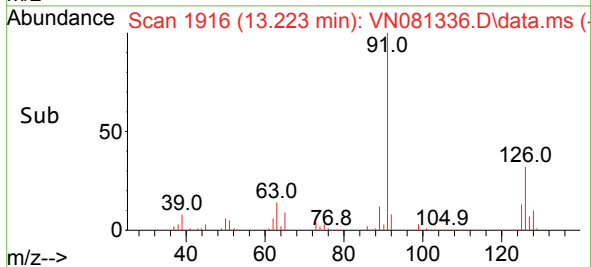
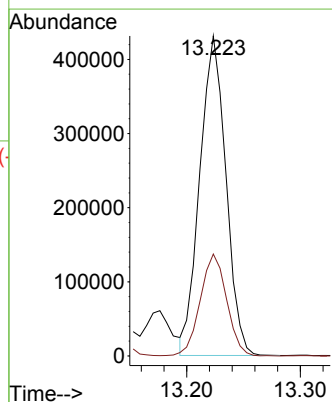
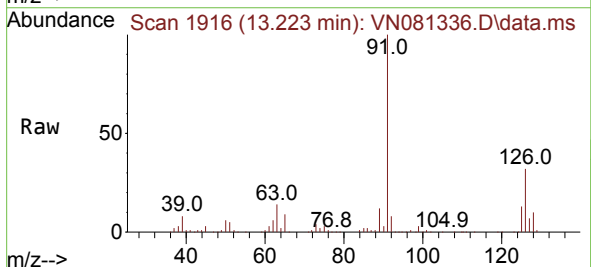
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

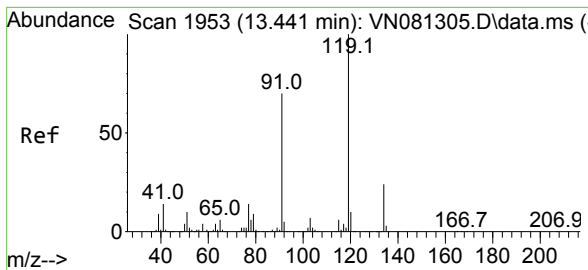
Tgt Ion: 75 Resp: 104286
Ion Ratio Lower Upper
75 100
53 112.7 71.4 107.2#
89 50.2 33.4 50.0#



#82
4-Chlorotoluene
Concen: 48.787 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 91 Resp: 688509
Ion Ratio Lower Upper
91 100
126 32.3 15.3 45.9

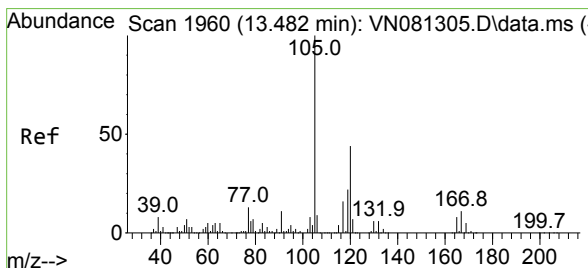
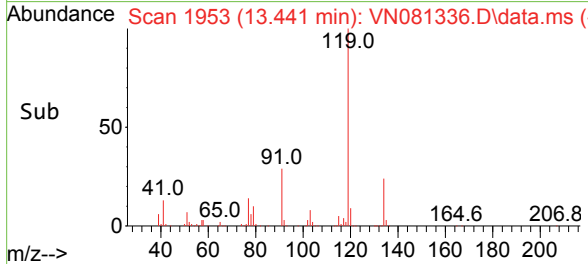
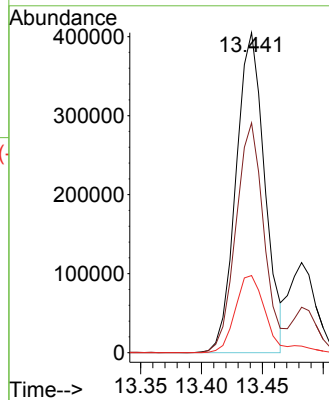
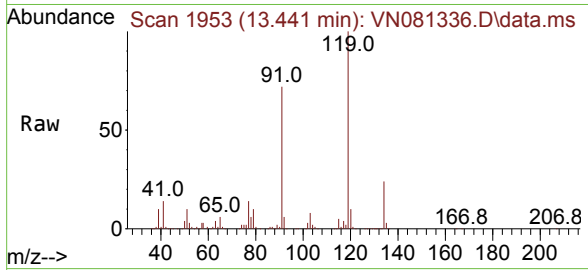




#83
 tert-Butylbenzene
 Concen: 47.515 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

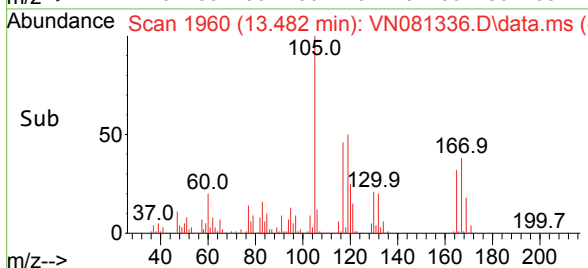
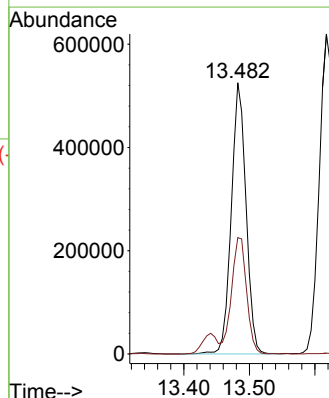
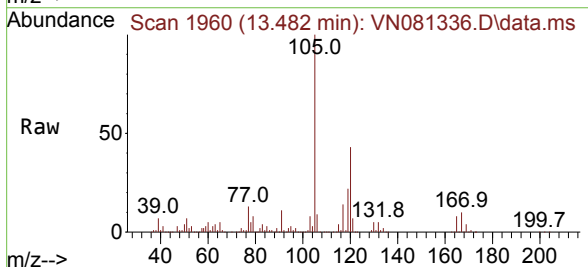
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

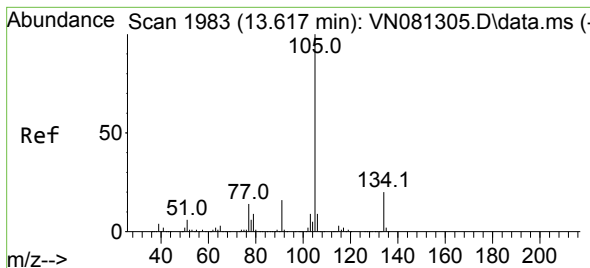
Tgt Ion:119 Resp: 665478
 Ion Ratio Lower Upper
 119 100
 91 71.1 36.8 110.4
 134 26.4 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.504 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion:105 Resp: 819371
 Ion Ratio Lower Upper
 105 100
 120 44.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.149 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

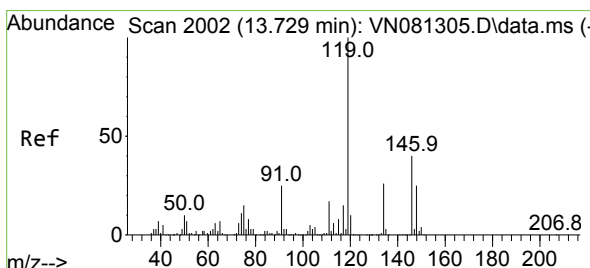
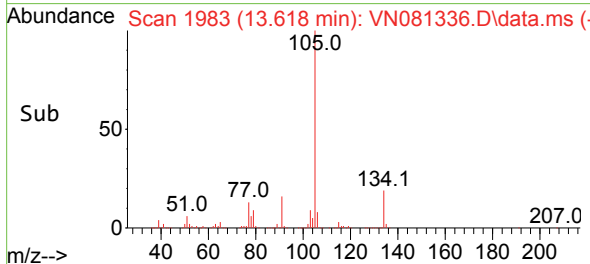
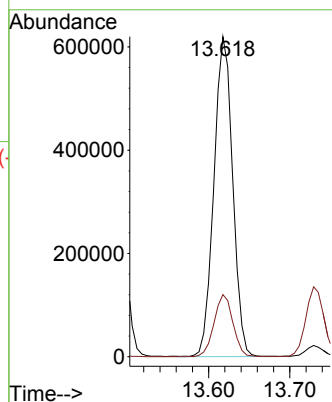
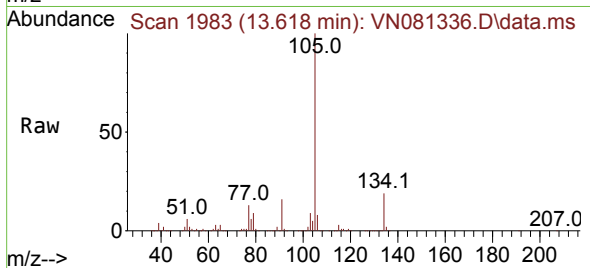
VSTDCCC050

Tgt Ion:105 Resp: 995847

Ion Ratio Lower Upper

105 100

134 19.5 8.6 25.8



#86

p-Isopropyltoluene

Concen: 50.999 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

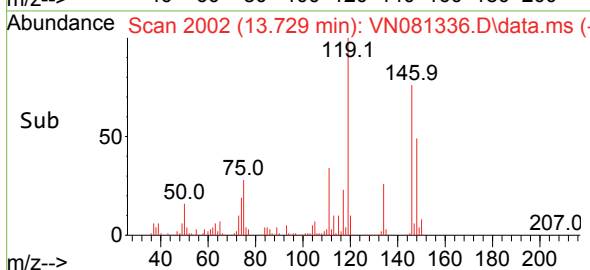
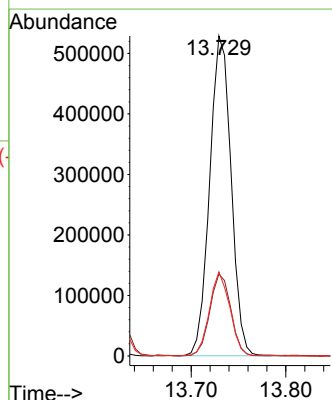
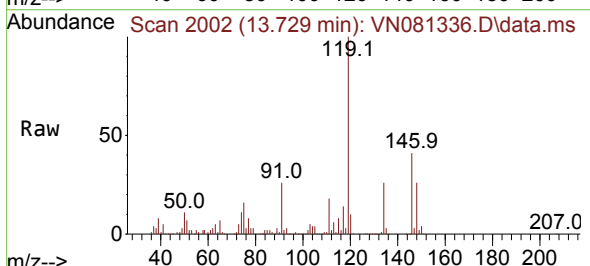
Tgt Ion:119 Resp: 828685

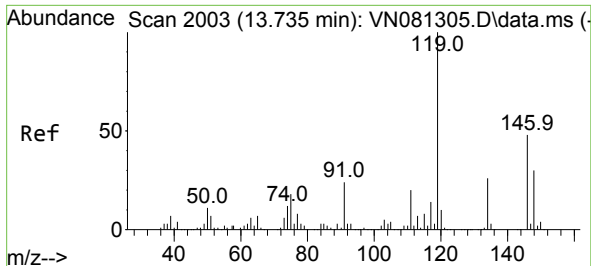
Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.2

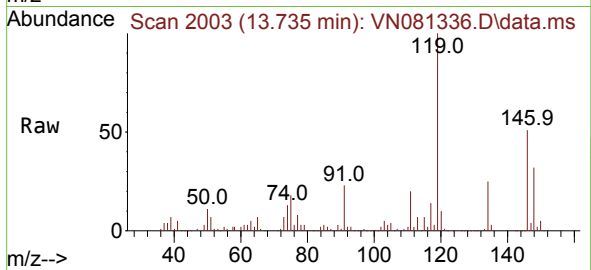
91 25.0 13.5 40.4



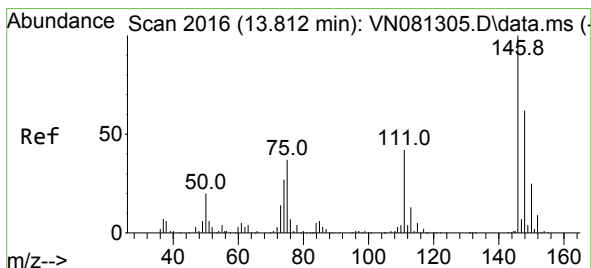
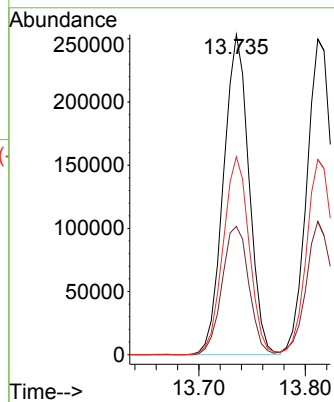
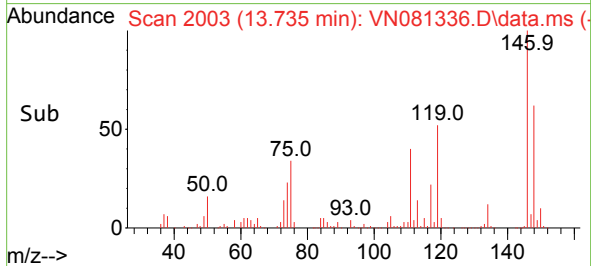


#87
1,3-Dichlorobenzene
Concen: 47.553 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

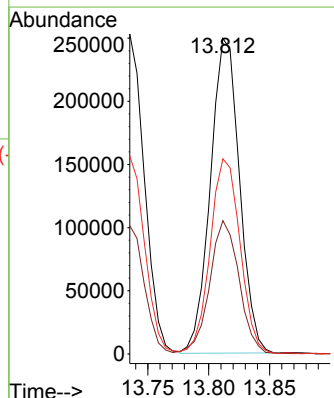
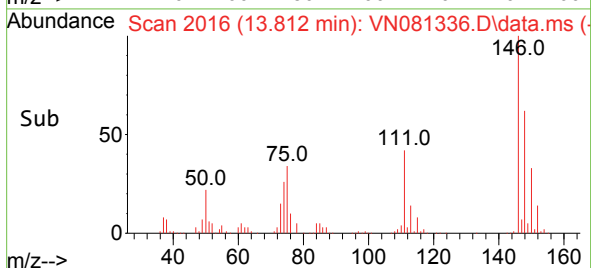
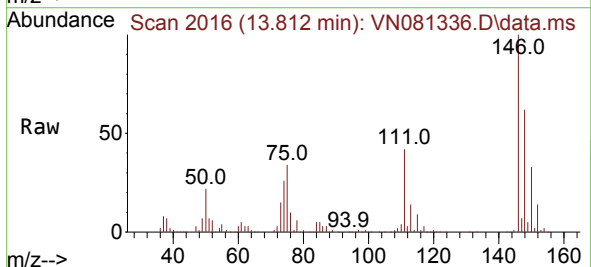


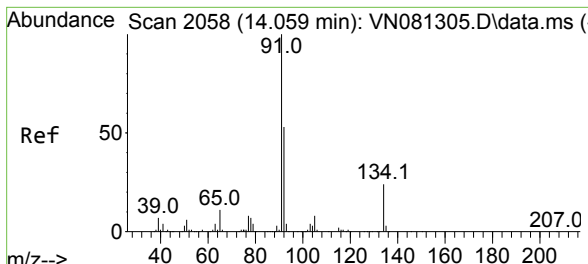
Tgt Ion:146 Resp: 420732
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.7
148 63.4 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 47.005 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion:146 Resp: 415683
Ion Ratio Lower Upper
146 100
111 42.7 22.6 67.7
148 63.3 31.9 95.5

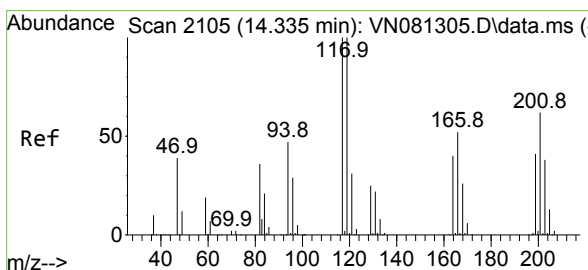
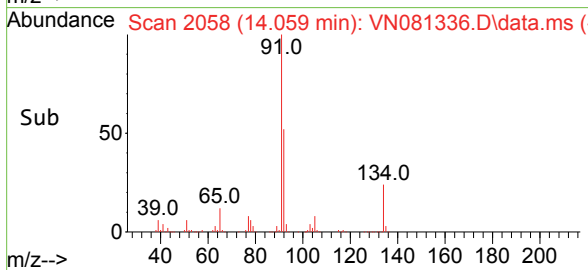
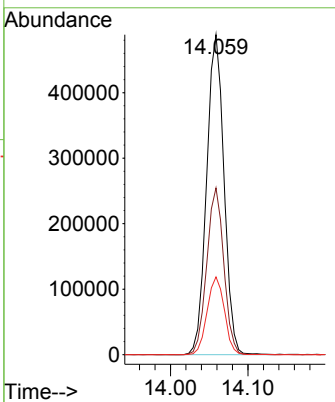
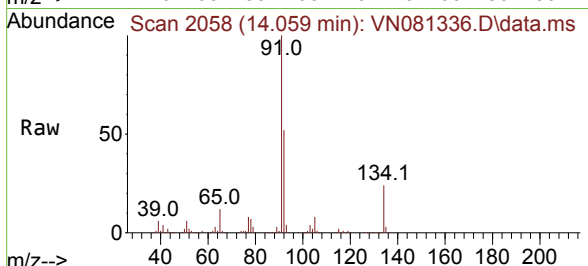




#89
 n-Butylbenzene
 Concen: 51.026 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

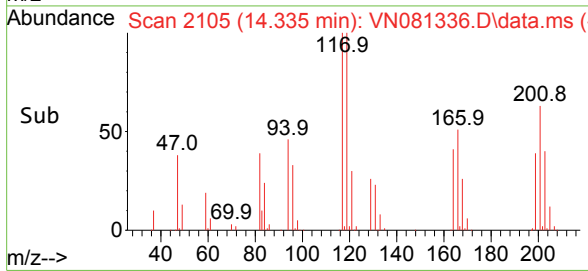
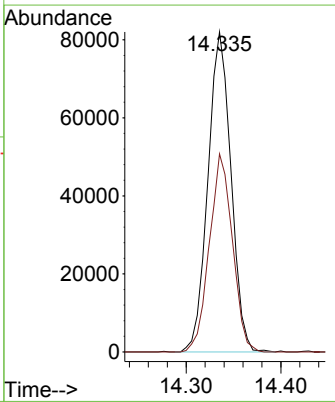
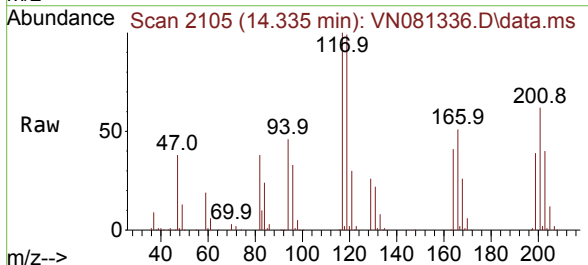
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

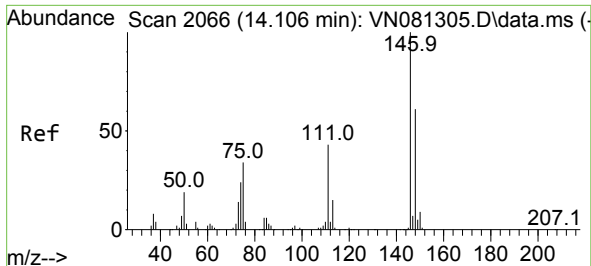
Tgt Ion:	91	Resp:	760351
Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.7	80.1
134	24.1	10.8	32.4



#90
 Hexachloroethane
 Concen: 48.824 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion:	117	Resp:	138895
Ion	Ratio	Lower	Upper
117	100		
201	61.9	30.0	90.0

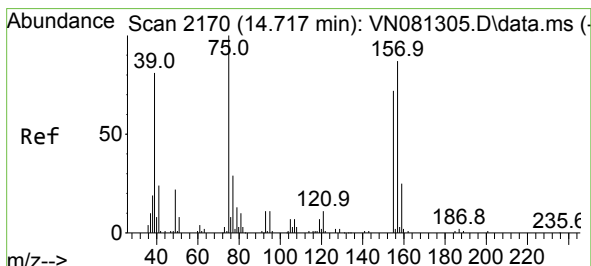
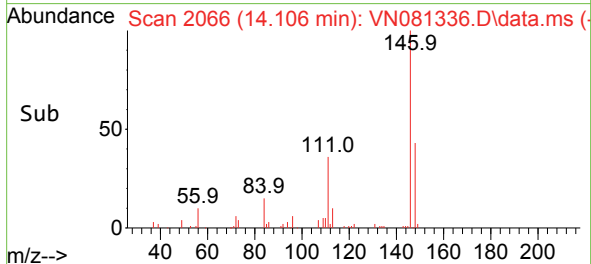
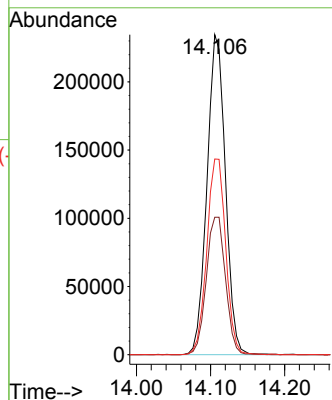
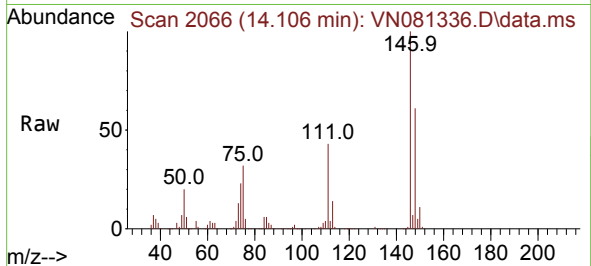




#91
1,2-Dichlorobenzene
Concen: 47.769 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

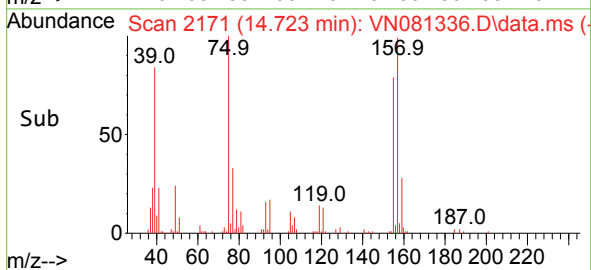
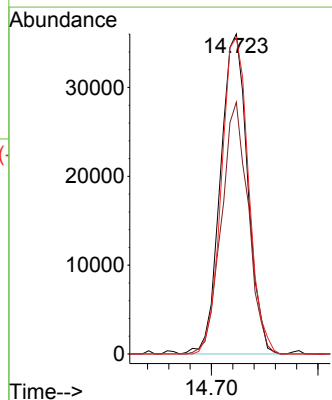
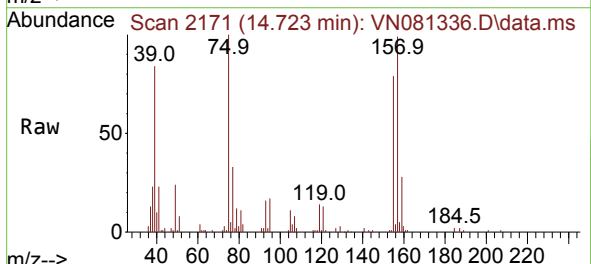
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

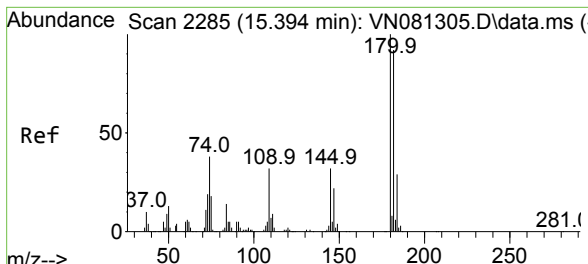
Tgt Ion:146 Resp: 405508
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.8
148 62.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.872 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081336.D
Acq: 08 Mar 2024 09:55

Tgt Ion: 75 Resp: 63785
Ion Ratio Lower Upper
75 100
155 77.2 31.8 95.4
157 98.5 41.1 123.4

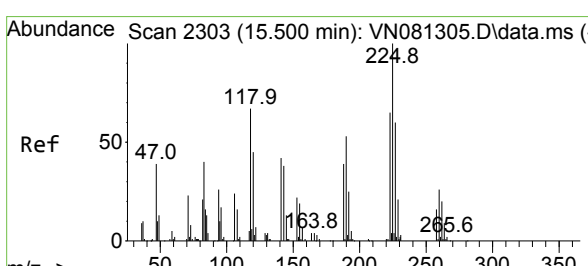
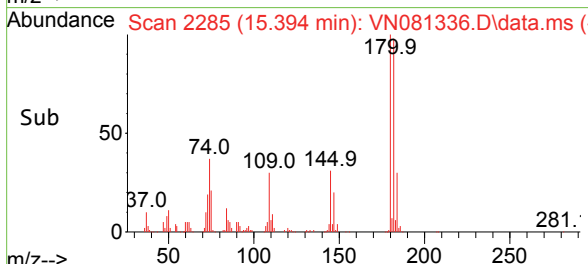
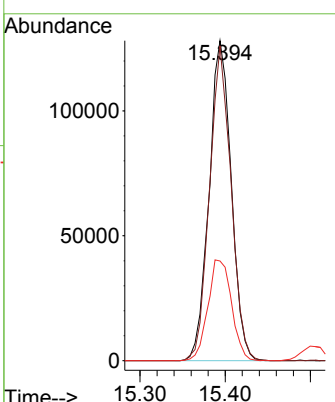
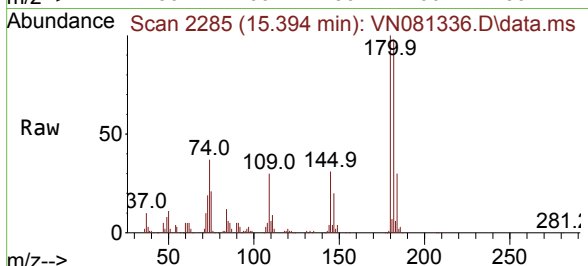




#93
 1,2,4-Trichlorobenzene
 Concen: 51.040 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

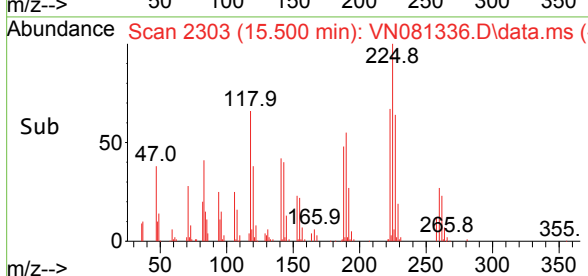
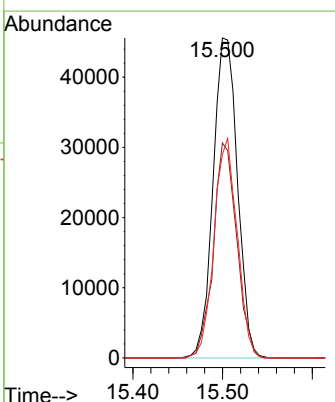
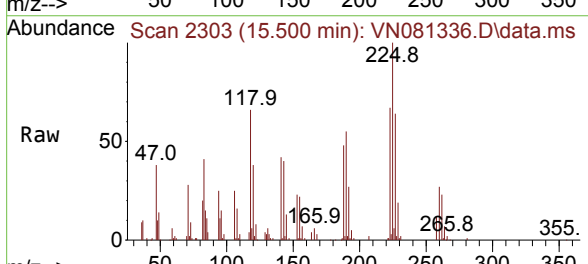
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

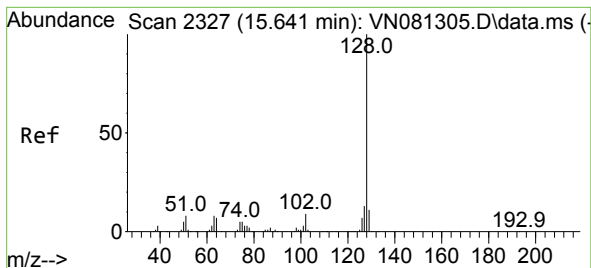
Tgt Ion:	180	Resp:	231597
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.6	139.7
145	33.6	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 45.847 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN081336.D
 Acq: 08 Mar 2024 09:55

Tgt Ion:	225	Resp:	85961
Ion Ratio	Lower	Upper	
225	100		
223	64.2	33.3	99.8
227	65.2	33.1	99.2





#95

Naphthalene

Concen: 52.650 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

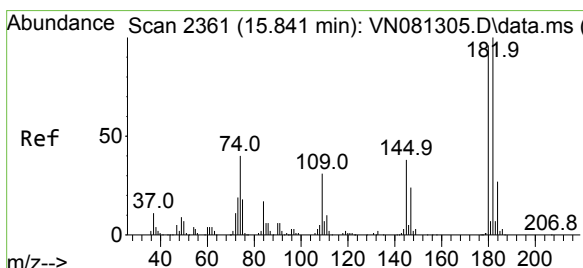
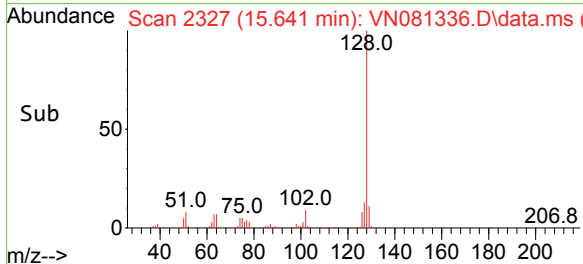
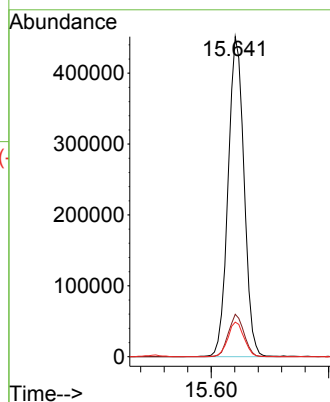
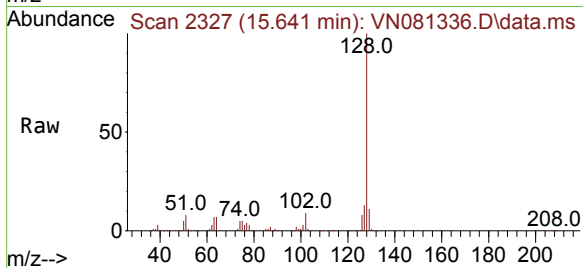
Tgt Ion:128 Resp: 850079

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.714 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081336.D

Acq: 08 Mar 2024 09:55

Tgt Ion:180 Resp: 233364

Ion Ratio Lower Upper

180 100

182 95.2 46.5 139.3

145 35.7 17.8 53.4

