

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080764.D
 Acq On : 26 Jan 2024 10:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 29 02:26:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	96918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115115	45.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.165	113	90087	57.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.640%
50) Toluene-d8	10.571	98	348652	58.179	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	116.360%#
62) 4-Bromofluorobenzene	12.847	95	121888	53.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	107130	46.243	ug/l	96
3) Chloromethane	2.359	50	157354	60.022	ug/l	97
4) Vinyl Chloride	2.512	62	120626	57.390	ug/l	98
5) Bromomethane	2.942	94	45612	57.094	ug/l	91
6) Chloroethane	3.112	64	63199	56.113	ug/l	95
7) Trichlorofluoromethane	3.489	101	164362	47.352	ug/l	93
8) Diethyl Ether	3.954	74	77786	51.278	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.371	101	100933	53.351	ug/l	93
10) Methyl Iodide	4.583	142	79172	50.047	ug/l #	95
11) Tert butyl alcohol	5.524	59	125518	296.384	ug/l	98
12) 1,1-Dichloroethene	4.342	96	100066	47.002	ug/l #	79
13) Acrolein	4.177	56	101855	287.845	ug/l	99
14) Allyl chloride	5.018	41	208981	49.518	ug/l #	91
15) Acrylonitrile	5.718	53	327392	296.041	ug/l	99
16) Acetone	4.430	43	233362	283.851	ug/l	92
17) Carbon Disulfide	4.712	76	293567	45.083	ug/l	100
18) Methyl Acetate	5.024	43	160302	65.479	ug/l #	78
19) Methyl tert-butyl Ether	5.795	73	388103	52.903	ug/l #	90
20) Methylene Chloride	5.271	84	125814	52.422	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	112671	52.175	ug/l #	67
22) Diisopropyl ether	6.671	45	483805	60.793	ug/l #	87
23) Vinyl Acetate	6.600	43	1876430	289.693	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	246308	56.540	ug/l	97
25) 2-Butanone	7.483	43	449422	302.424	ug/l #	74
26) 2,2-Dichloropropane	7.489	77	202892	53.253	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135544	56.938	ug/l	77
28) Bromochloromethane	7.818	49	111923	54.956	ug/l #	62
29) Tetrahydrofuran	7.836	42	296958	296.472	ug/l #	71
30) Chloroform	7.965	83	222147	54.395	ug/l	93
31) Cyclohexane	8.259	56	210016	54.285	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	180452	49.638	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	172780	53.669	ug/l	93
37) Ethyl Acetate	7.565	43	184455	59.086	ug/l #	88
38) Carbon Tetrachloride	8.365	117	147653	51.080	ug/l	94
39) Methylcyclohexane	9.600	83	174345	56.590	ug/l #	80
40) Benzene	8.606	78	525558	58.070	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	110565	61.058	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	176563	50.959	ug/l	98
43) Isopropyl Acetate	8.688	43	336161	58.581	ug/l #	87
44) Trichloroethene	9.353	130	113360	55.328	ug/l	97
45) 1,2-Dichloropropane	9.624	63	146870	61.211	ug/l	97
46) Dibromomethane	9.712	93	85825	56.536	ug/l	94
47) Bromodichloromethane	9.888	83	176865	52.491	ug/l	98
48) Methyl methacrylate	9.683	41	153416	56.469	ug/l #	77
49) 1,4-Dioxane	9.694	88	40434	1194.441	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	962939	311.050	ug/l	87
52) Toluene	10.630	92	314704	60.691	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	211128	56.453	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	230617	58.148	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	120345	60.297	ug/l	91
56) Ethyl methacrylate	10.877	69	209244	58.533	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	225741	61.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	575068	335.856	ug/l #	83
59) 2-Hexanone	11.200	43	735886	322.002	ug/l	85
60) Dibromochloromethane	11.359	129	118131	57.590	ug/l	100
61) 1,2-Dibromoethane	11.471	107	116609	59.434	ug/l	96
64) Tetrachloroethene	11.106	164	93183	57.292	ug/l	94
65) Chlorobenzene	11.894	112	299071	57.798	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	101056	55.006	ug/l	94
67) Ethyl Benzene	11.965	91	577568	58.454	ug/l	98
68) m/p-Xylenes	12.076	106	417698	120.244	ug/l	90
69) o-Xylene	12.400	106	208953	61.520	ug/l	93
70) Styrene	12.412	104	351242	60.900	ug/l	96
71) Bromoform	12.582	173	74595	59.019	ug/l #	97
73) Isopropylbenzene	12.700	105	512273	55.584	ug/l	99
74) N-amyl acetate	12.494	43	302918	54.769	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	168284	55.664	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	229391	76.756	ug/l	70
77) Bromobenzene	12.982	156	105074	53.678	ug/l	71
78) n-propylbenzene	13.035	91	632056	55.906	ug/l	94
79) 2-Chlorotoluene	13.129	91	378298	52.212	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	414790	54.004	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	73402	57.901	ug/l #	86
82) 4-Chlorotoluene	13.223	91	376223	52.967	ug/l	93
83) tert-Butylbenzene	13.441	119	331209	53.941	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	415709	55.042	ug/l	98
85) sec-Butylbenzene	13.618	105	490092	56.175	ug/l	97
86) p-Isopropyltoluene	13.729	119	385366	55.929	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	188073	53.791	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	196133	55.064	ug/l	96
89) n-Butylbenzene	14.059	91	372849	56.139	ug/l	97
90) Hexachloroethane	14.335	117	69628	54.490	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	183358	55.653	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31517	45.515	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	94737	55.212	ug/l	99
94) Hexachlorobutadiene	15.506	225	38793	47.110	ug/l	99
95) Naphthalene	15.641	128	345608	51.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	90625	54.565	ug/l	100

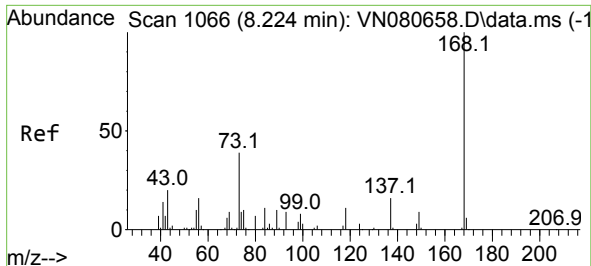
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
Data File : VN080764.D
Acq On : 26 Jan 2024 10:17
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ClientSampleId :
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

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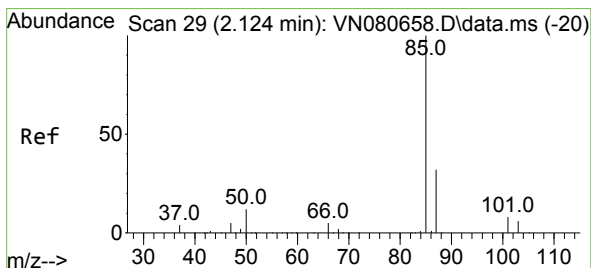
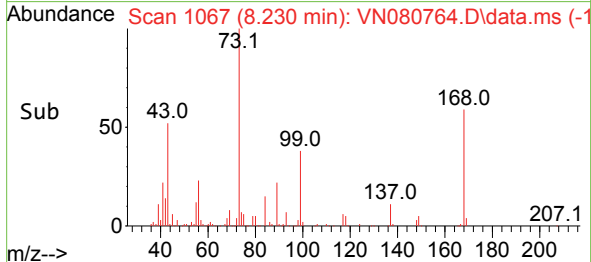
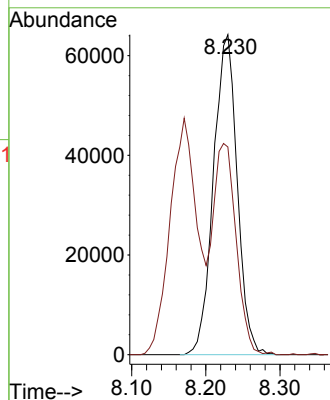
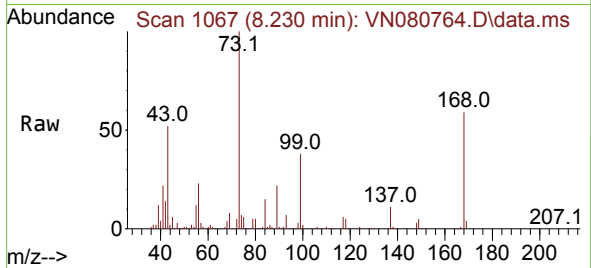
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

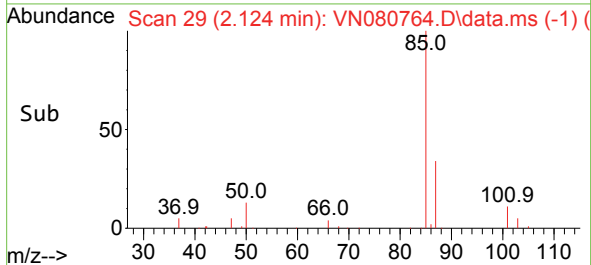
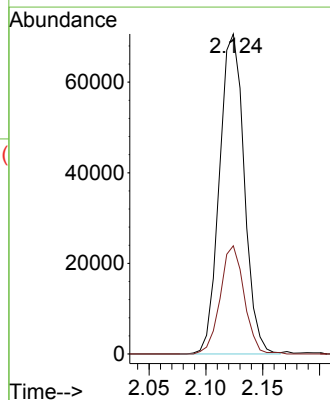
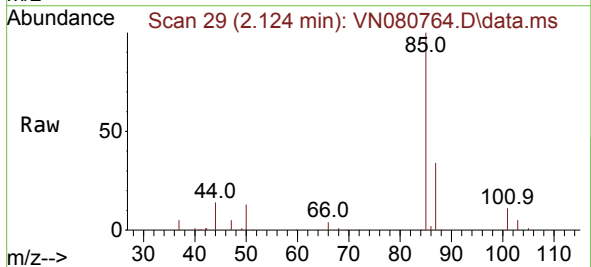
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

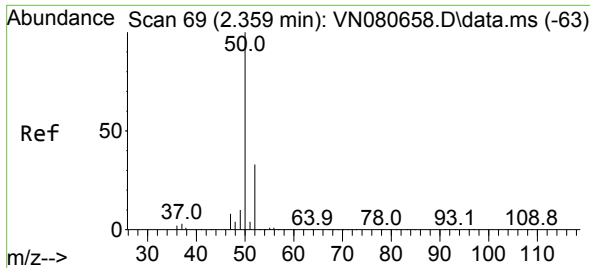
Tgt Ion:168 Resp: 142597
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 46.243 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 85 Resp: 107130
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4

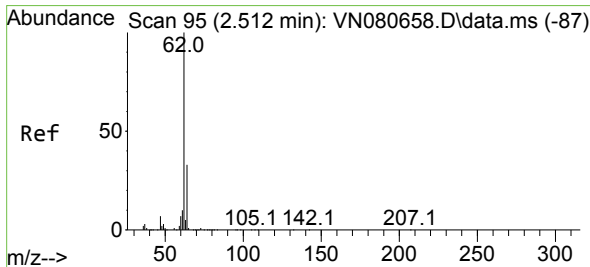
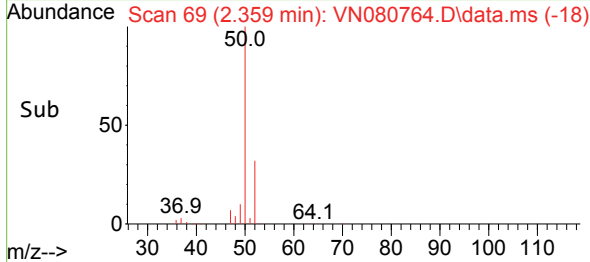
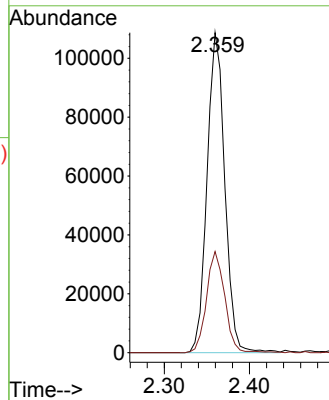
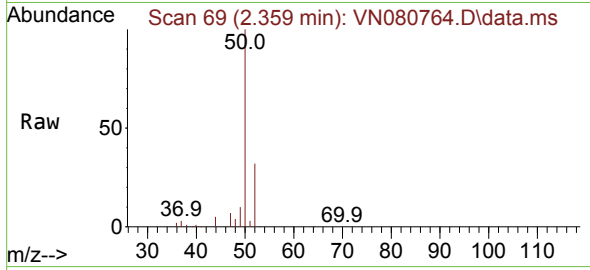




#3
Chloromethane
Concen: 60.022 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

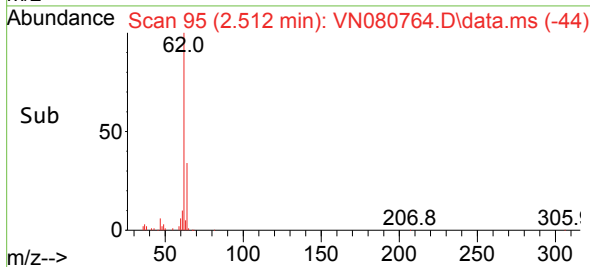
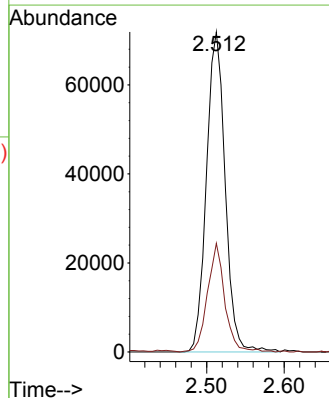
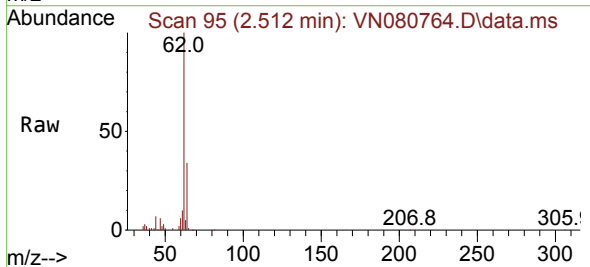
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

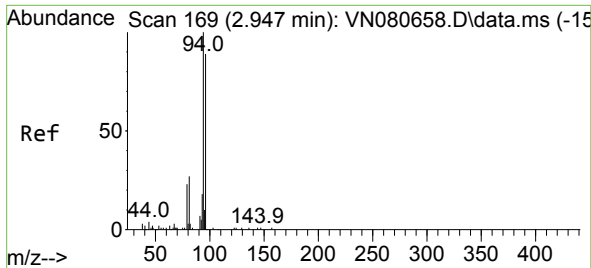
Tgt Ion: 50 Resp: 157354
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 57.390 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 62 Resp: 120626
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.2

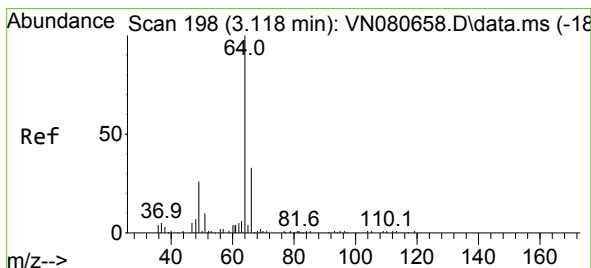
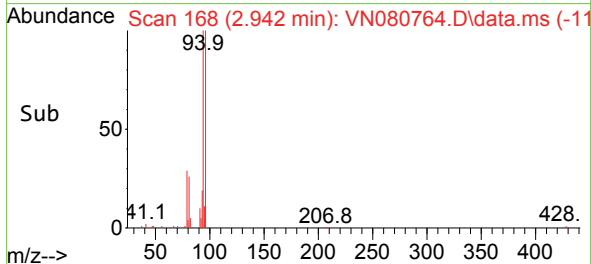
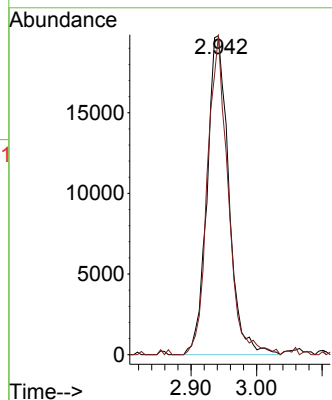
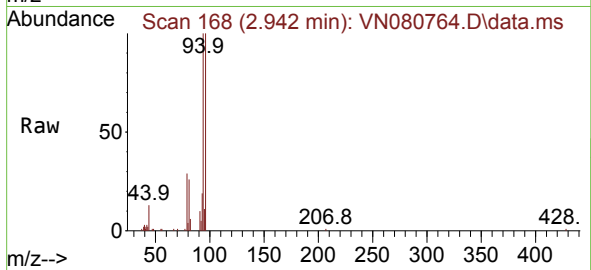




#5
Bromomethane
Concen: 57.094 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

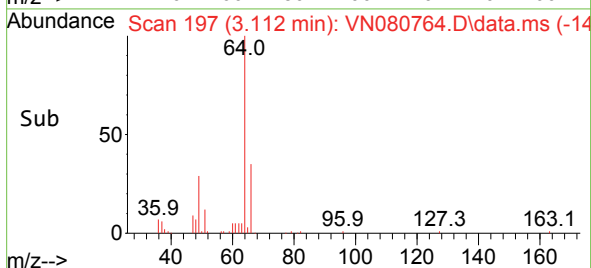
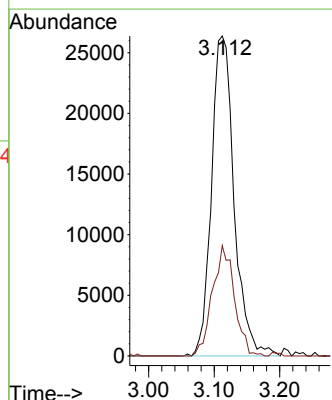
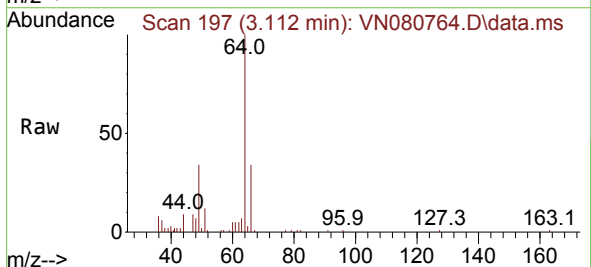
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

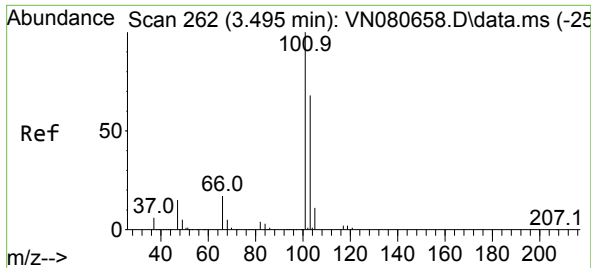
Tgt Ion: 94 Resp: 45612
Ion Ratio Lower Upper
94 100
96 100.3 73.1 109.7



#6
Chloroethane
Concen: 56.113 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 64 Resp: 63199
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2

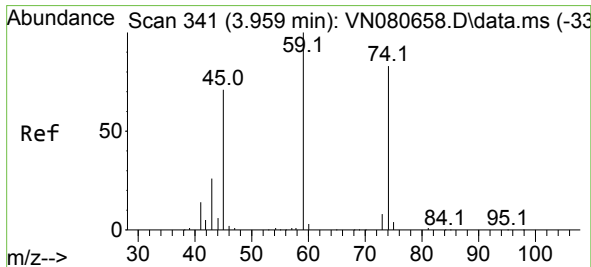
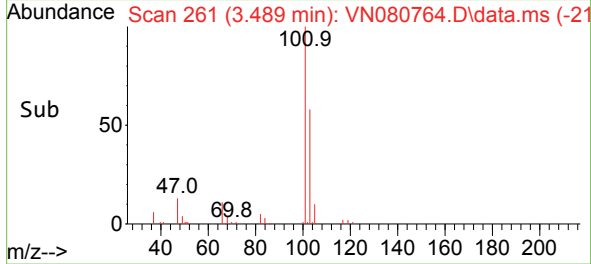
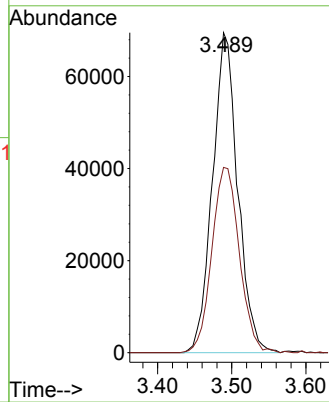
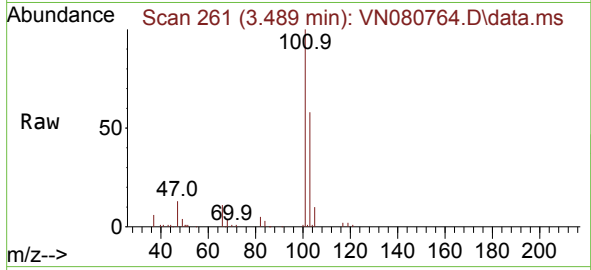




#7
Trichlorofluoromethane
Concen: 47.352 ug/l
RT: 3.489 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

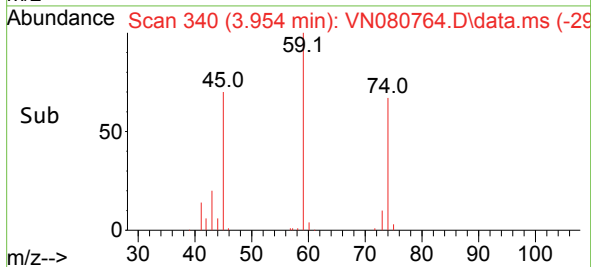
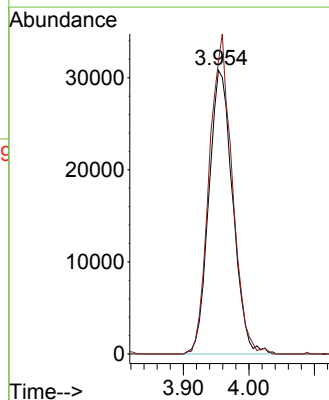
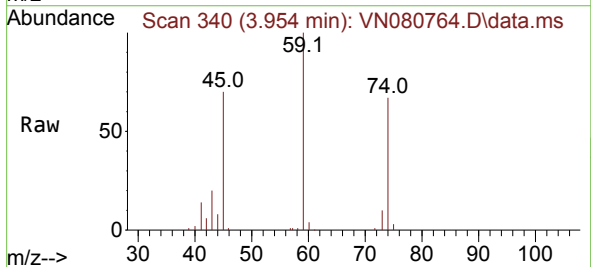
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

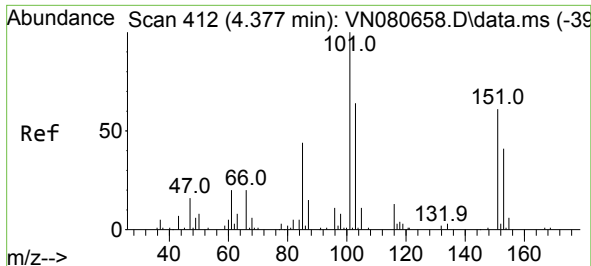
Tgt Ion:101 Resp: 164362
Ion Ratio Lower Upper
101 100
103 57.9 50.7 76.1



#8
Diethyl Ether
Concen: 51.278 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 74 Resp: 77786
Ion Ratio Lower Upper
74 100
45 108.7 34.4 103.3#

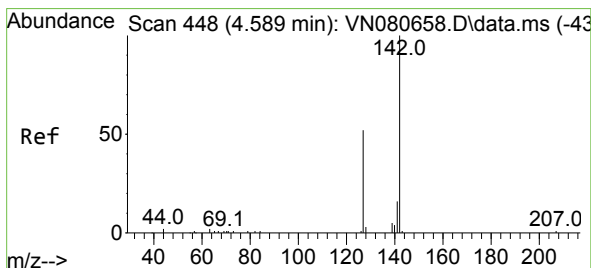
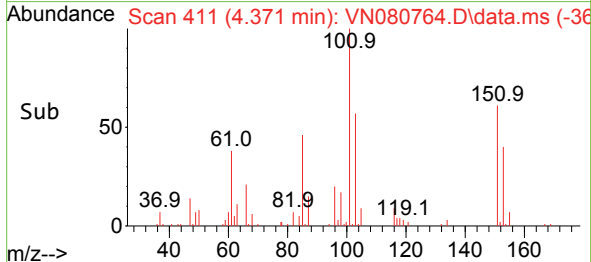
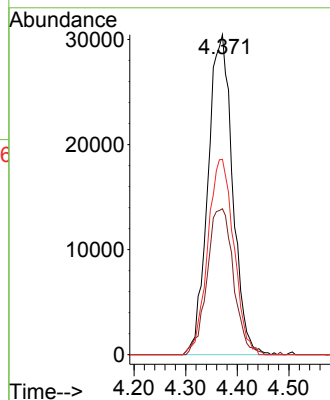
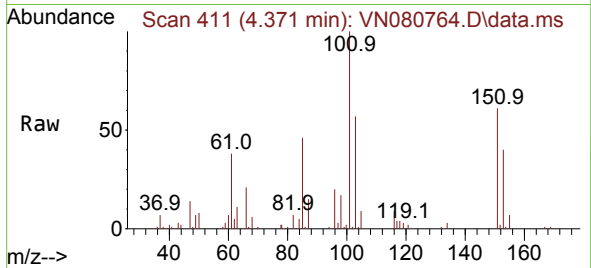




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.351 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

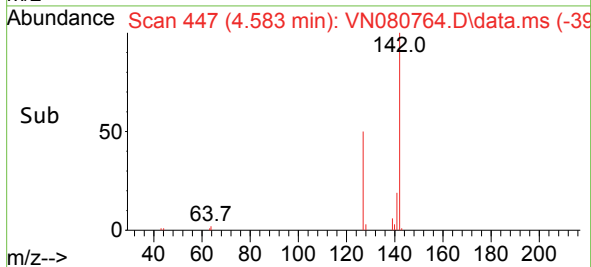
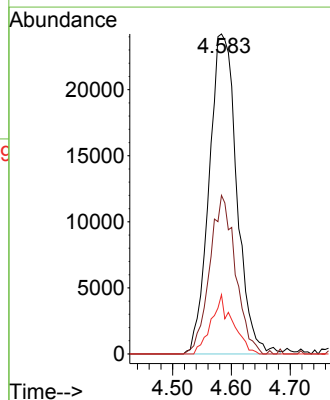
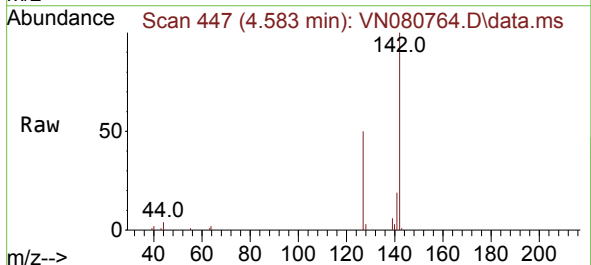
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

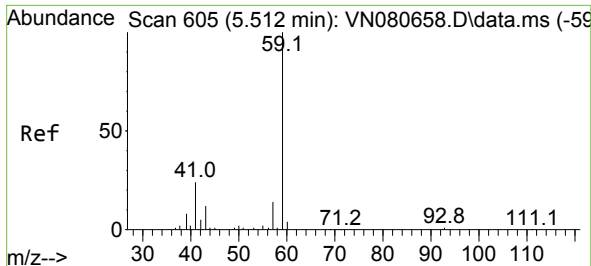
Tgt Ion:101 Resp: 100933
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 64.5 57.6 86.4



#10
Methyl Iodide
Concen: 50.047 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion:142 Resp: 79172
Ion Ratio Lower Upper
142 100
127 49.5 37.6 56.4
141 18.5 11.4 17.0#

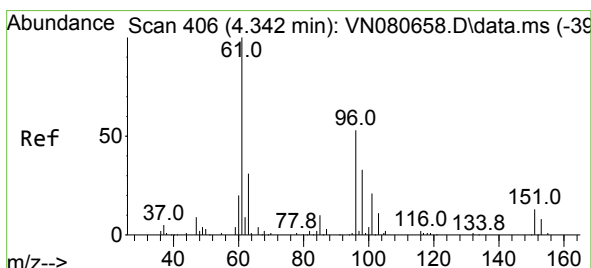
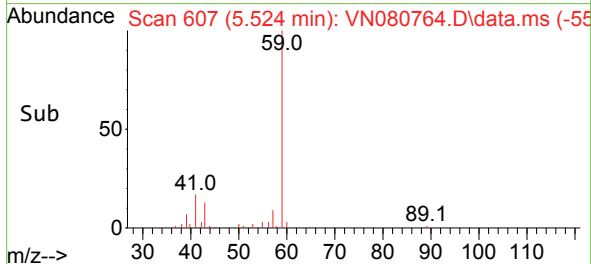
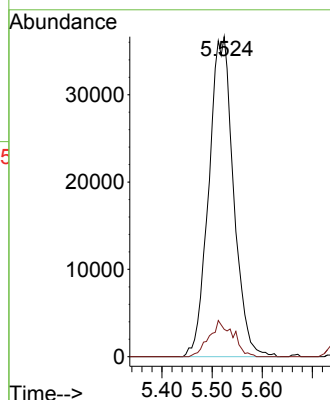
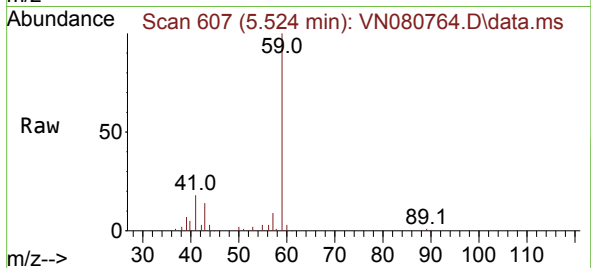




#11
Tert butyl alcohol
Concen: 296.384 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

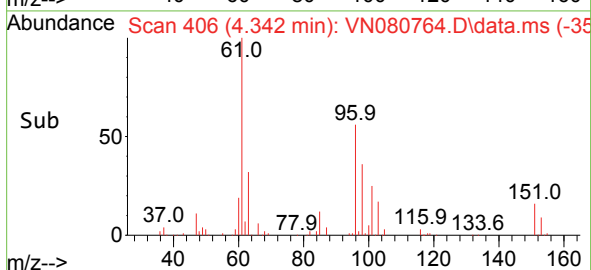
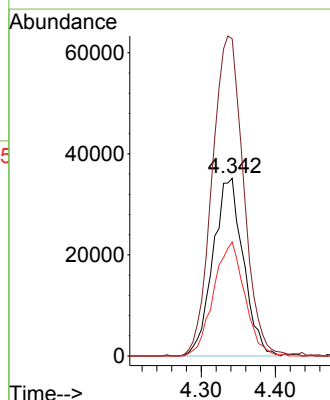
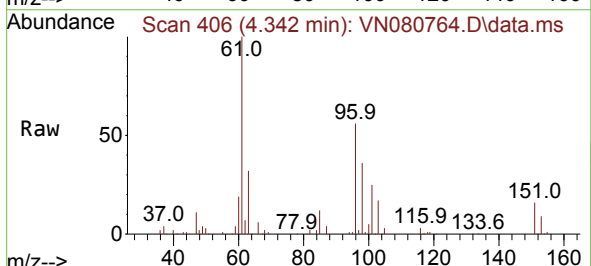
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

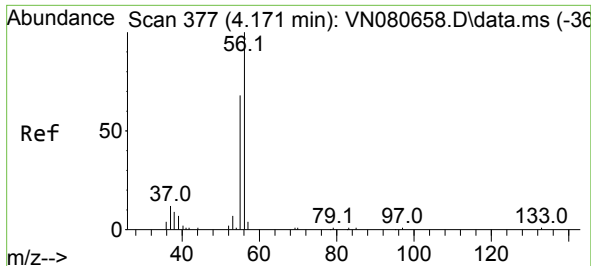
Tgt Ion: 59 Resp: 125518
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.002 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 96 Resp: 100066
Ion Ratio Lower Upper
96 100
61 178.4 112.7 169.1#
98 64.1 51.2 76.8

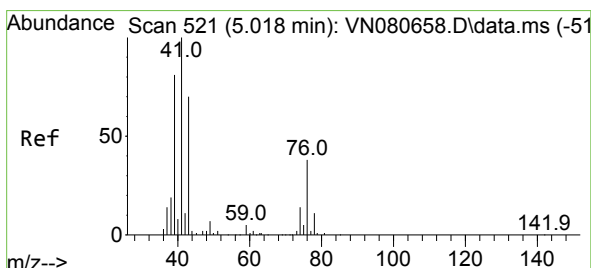
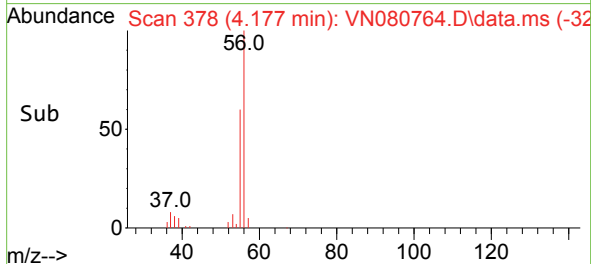
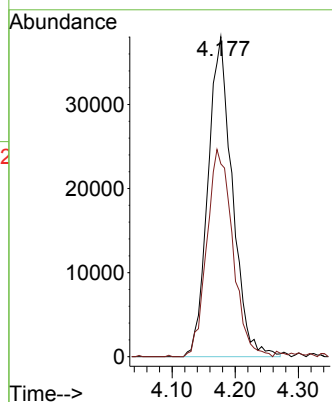
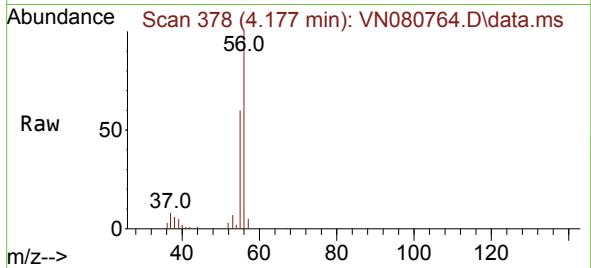




#13
Acrolein
Concen: 287.845 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

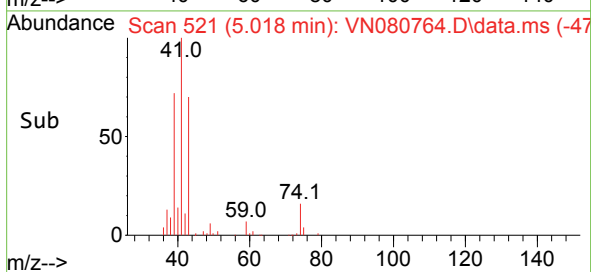
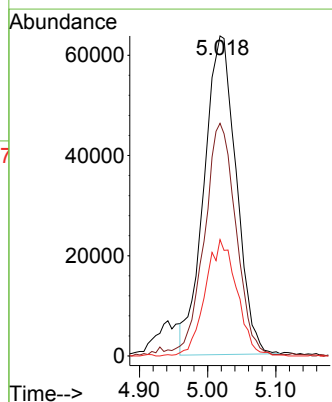
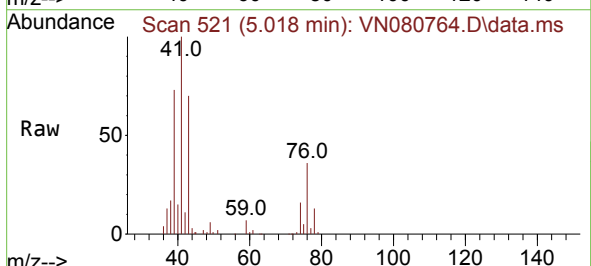
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

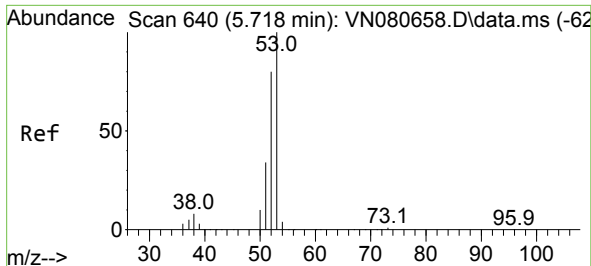
Tgt Ion: 56 Resp: 101855
Ion Ratio Lower Upper
56 100
55 68.8 54.5 81.7



#14
Allyl chloride
Concen: 49.518 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 41 Resp: 208981
Ion Ratio Lower Upper
41 100
39 71.0 58.8 88.2
76 36.1 39.1 58.7#

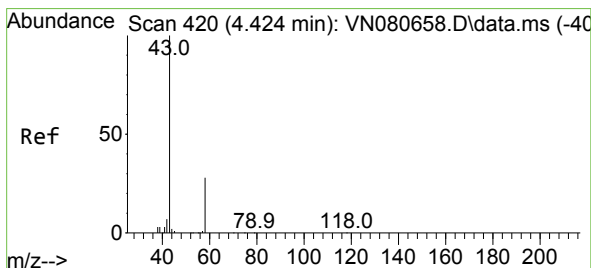
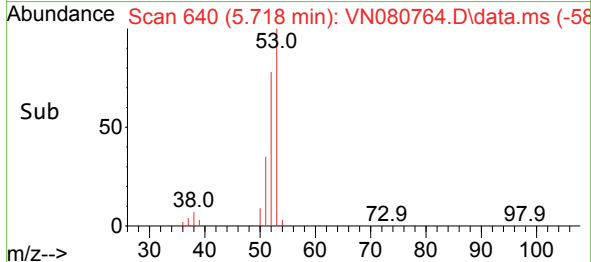
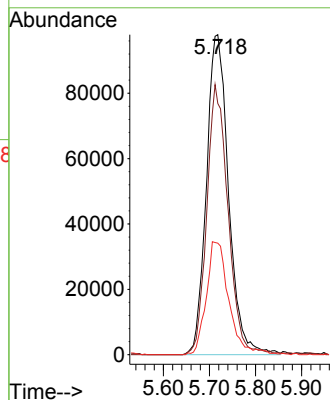
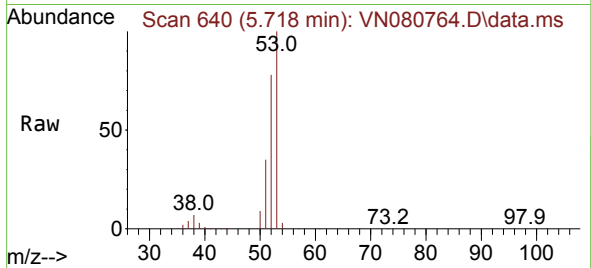




#15
Acrylonitrile
Concen: 296.041 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

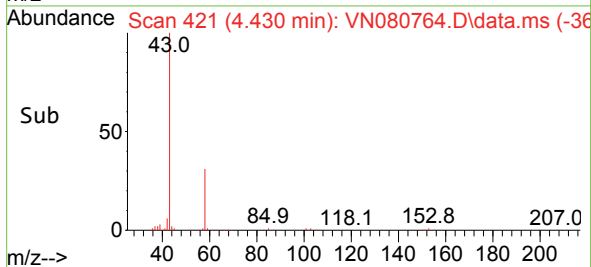
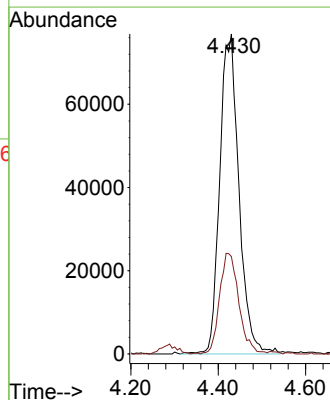
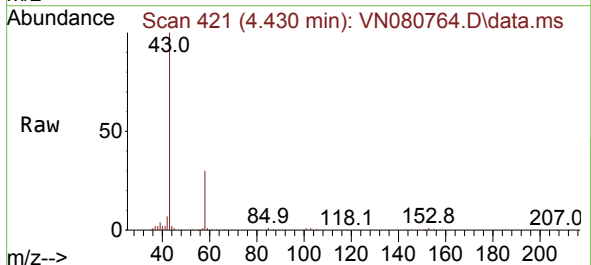
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

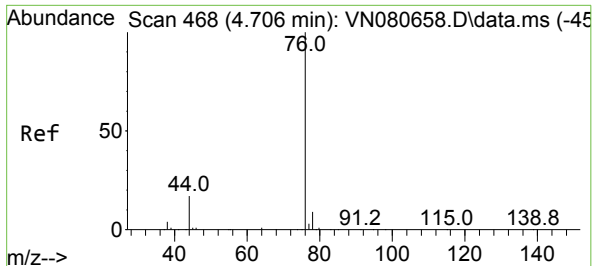
Tgt Ion: 53 Resp: 327392
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.0 28.9 43.3



#16
Acetone
Concen: 283.851 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 43 Resp: 233362
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

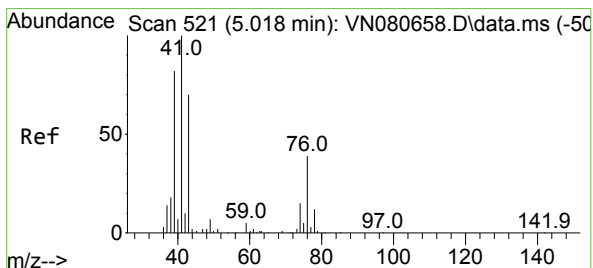
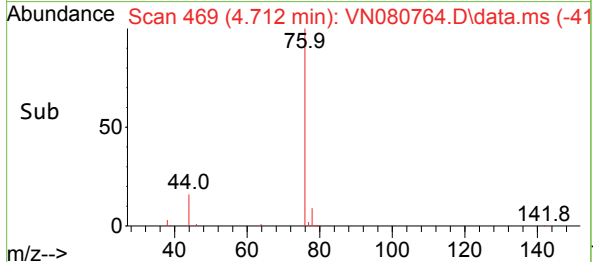
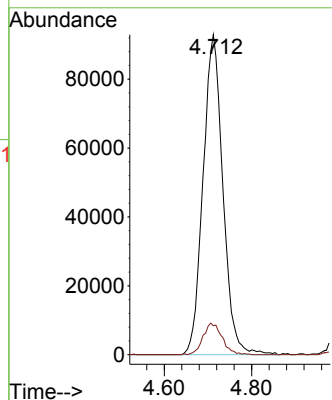
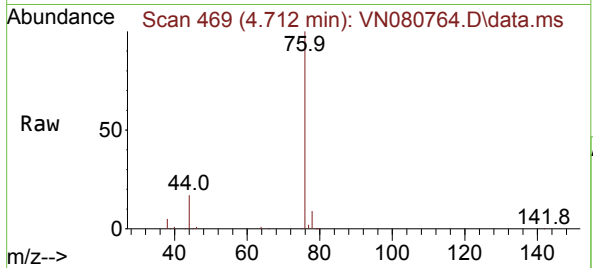




#17
Carbon Disulfide
Concen: 45.083 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

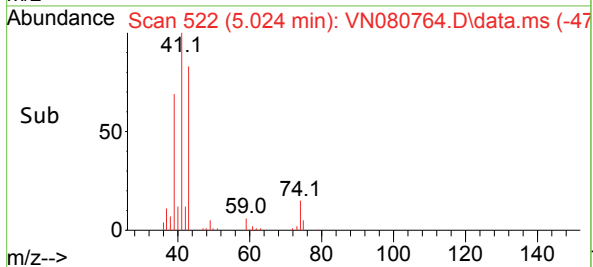
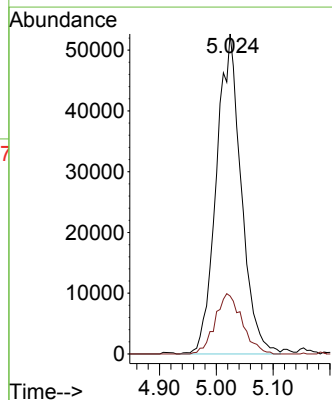
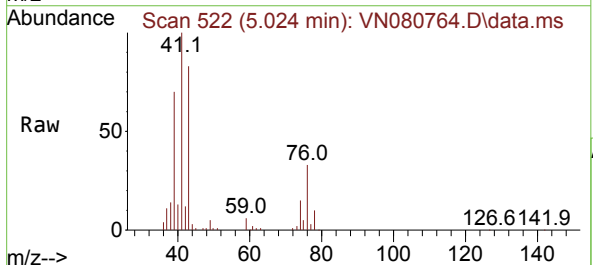
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

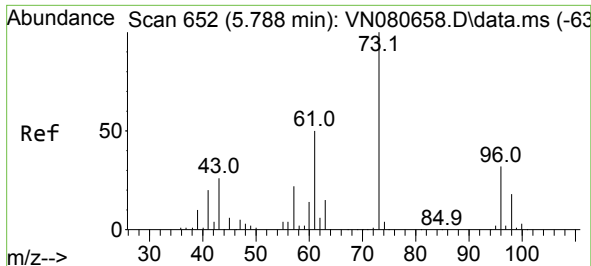
Tgt Ion: 76 Resp: 293567
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 65.479 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 43 Resp: 160302
Ion Ratio Lower Upper
43 100
74 20.4 26.2 39.4#

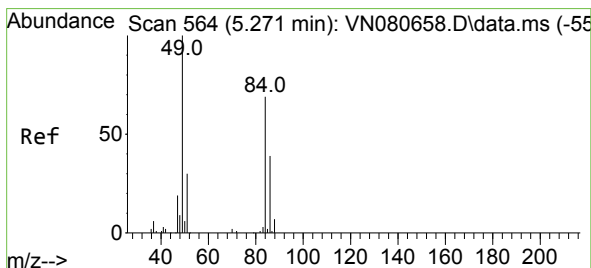
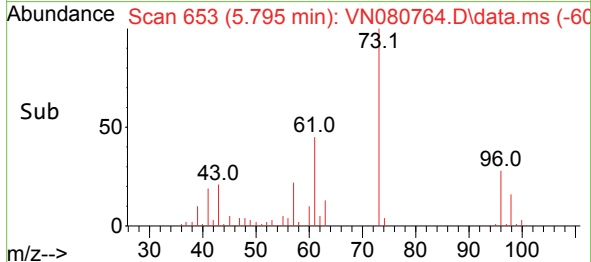
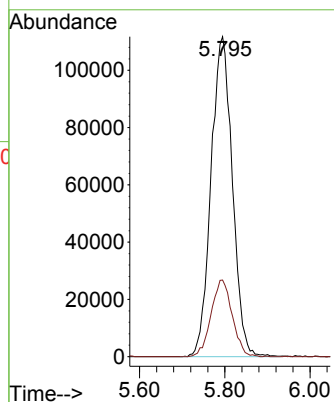
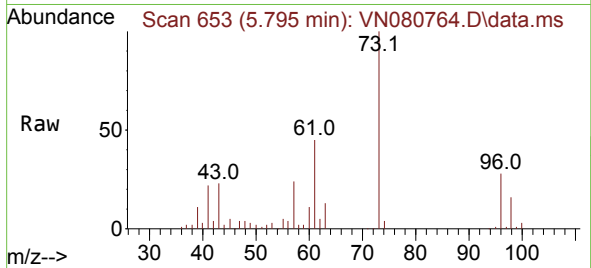




#19
Methyl tert-butyl Ether
Concen: 52.903 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

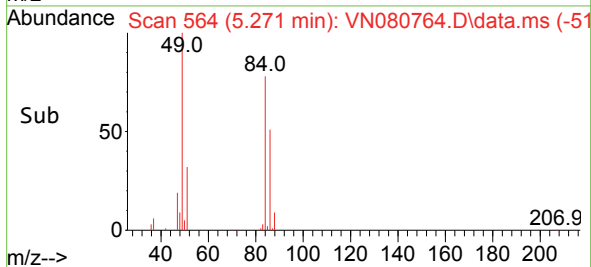
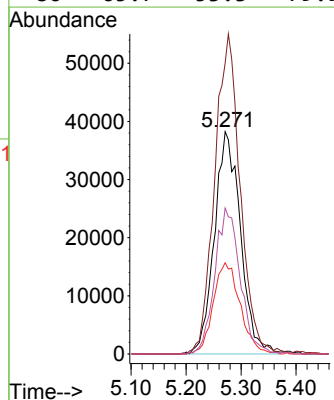
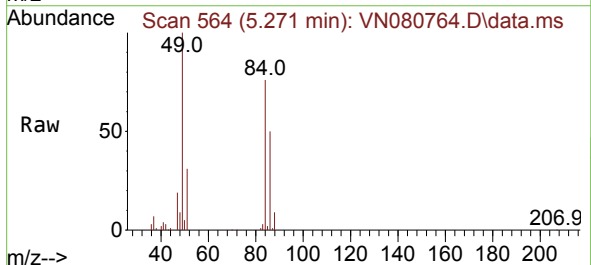
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

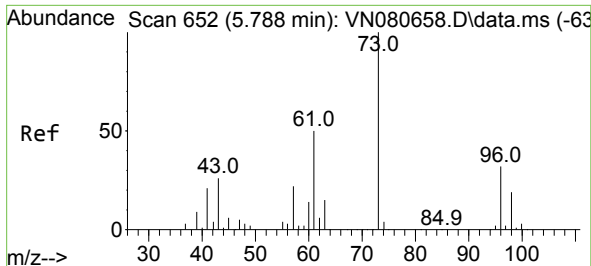
Tgt Ion: 73 Resp: 388103
Ion Ratio Lower Upper
73 100
57 24.0 15.6 23.4#



#20
Methylene Chloride
Concen: 52.422 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 84 Resp: 125814
Ion Ratio Lower Upper
84 100
49 130.9 79.7 119.5#
51 41.0 25.2 37.8#
86 65.7 53.3 79.9

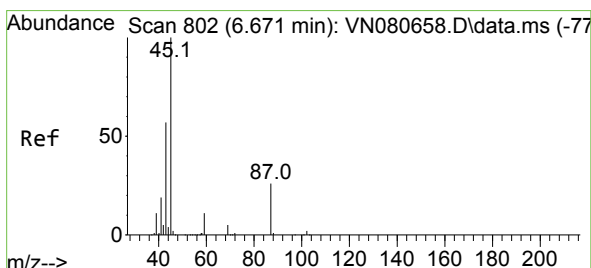
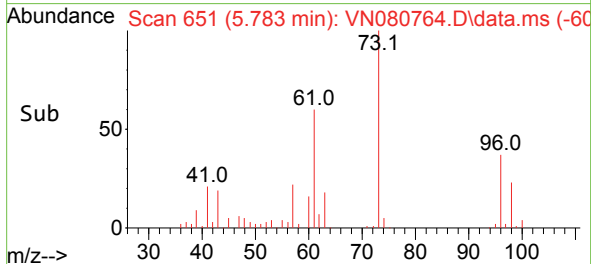
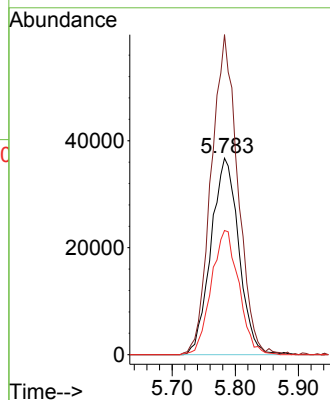
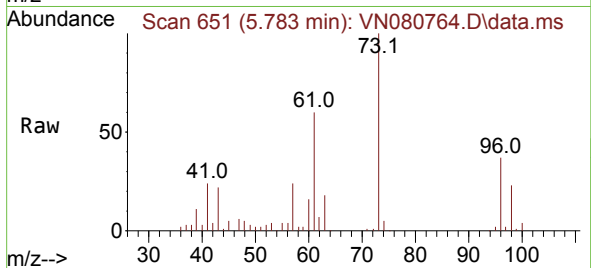




#21
trans-1,2-Dichloroethene
Concen: 52.175 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

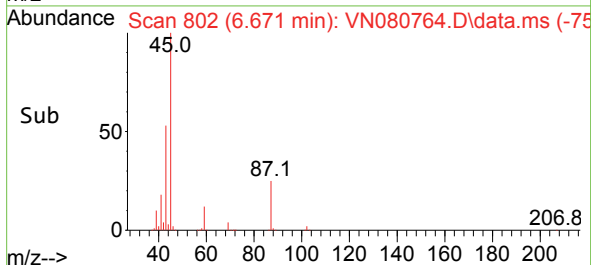
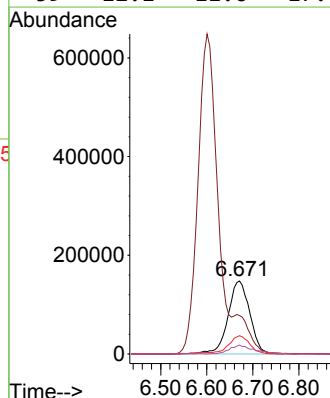
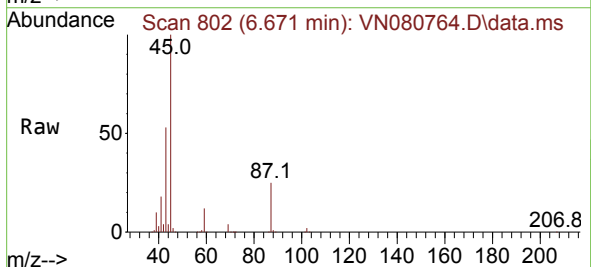
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

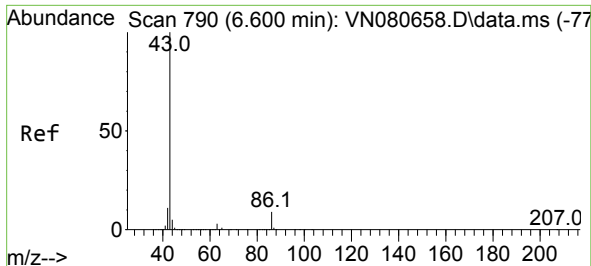
Tgt Ion: 96 Resp: 112671
Ion Ratio Lower Upper
96 100
61 162.8 90.1 135.1#
98 63.2 46.4 69.6



#22
Diisopropyl ether
Concen: 60.793 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 45 Resp: 483805
Ion Ratio Lower Upper
45 100
43 51.6 45.5 68.3
87 24.9 31.8 47.8#
59 12.1 11.6 17.4

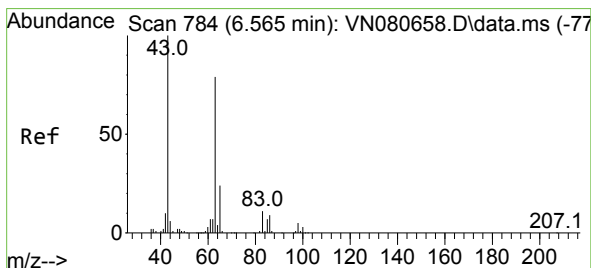
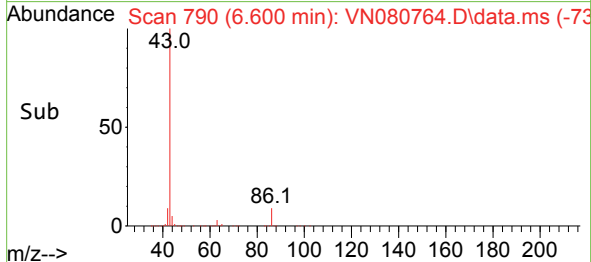
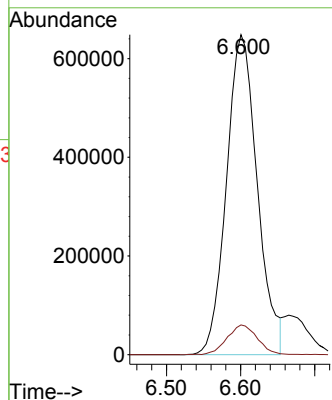
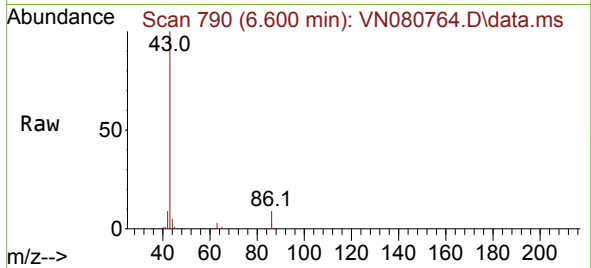




#23
 Vinyl Acetate
 Concen: 289.693 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

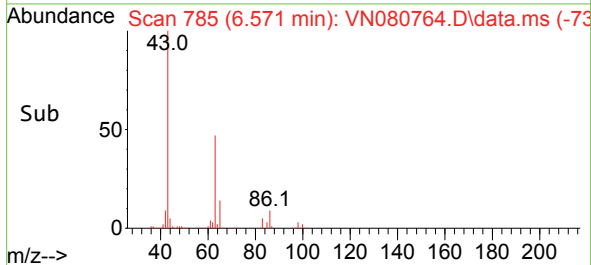
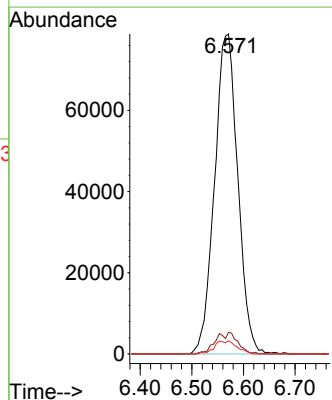
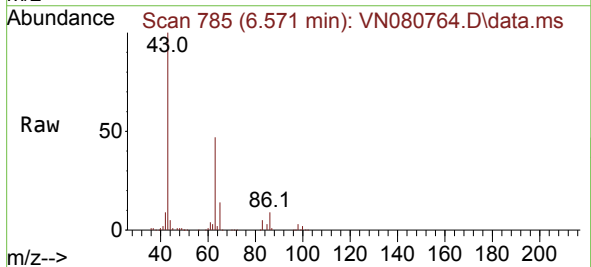
Instrument :
 MSVOA_N
 ClientSampleId :
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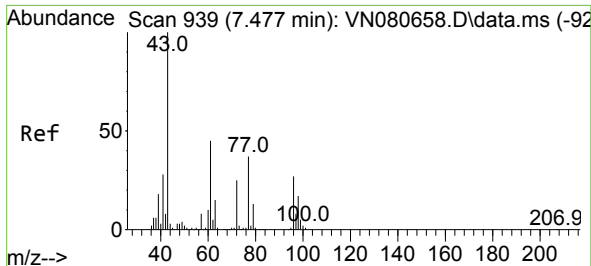
Tgt Ion: 43 Resp: 1876430
 Ion Ratio Lower Upper
 43 100
 86 9.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.540 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Tgt Ion: 63 Resp: 246308
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.1 2.5 7.4

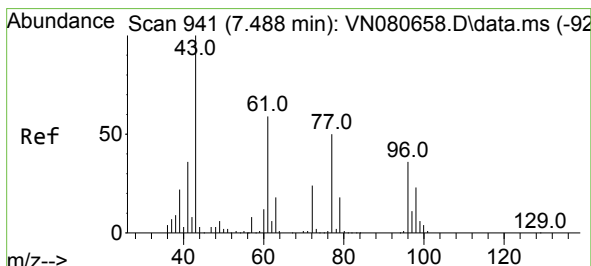
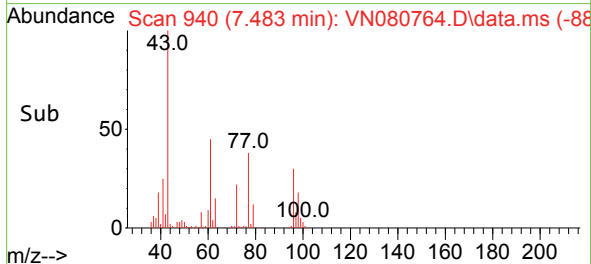
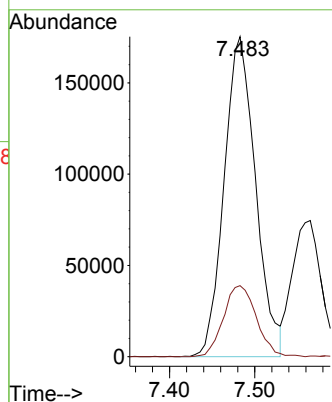
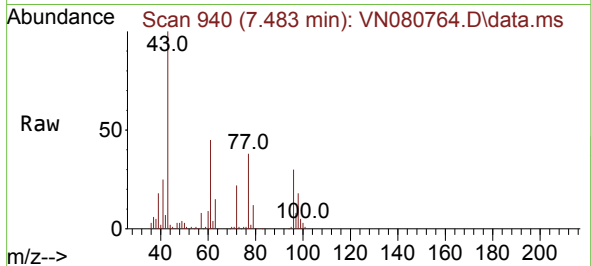




#25
2-Butanone
Concen: 302.424 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

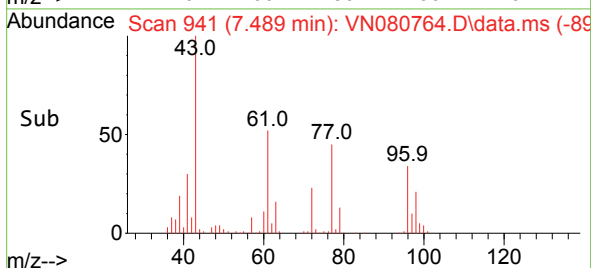
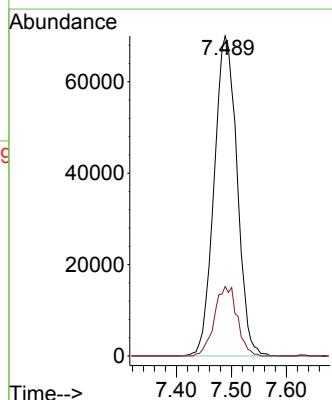
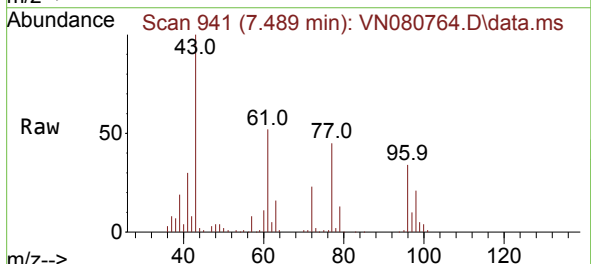
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

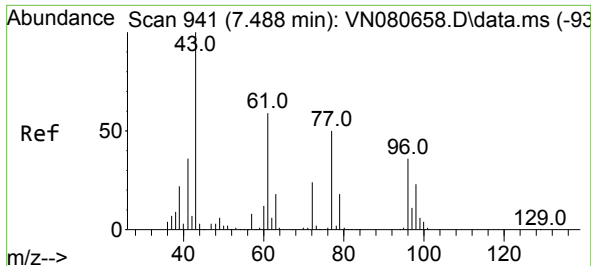
Tgt Ion: 43 Resp: 449422
Ion Ratio Lower Upper
43 100
72 22.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 53.253 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 77 Resp: 202892
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

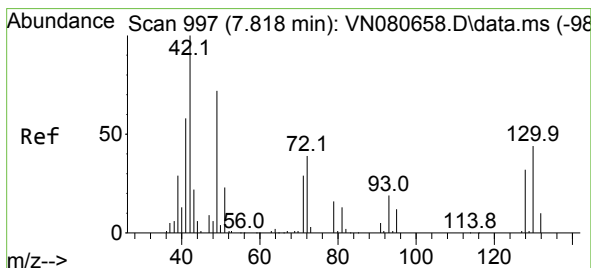
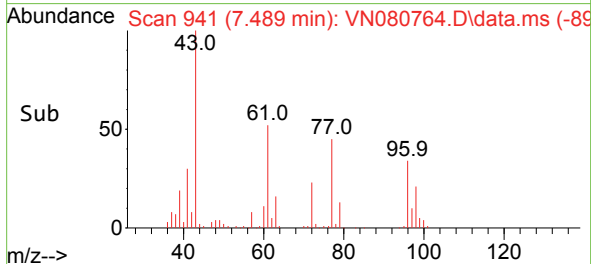
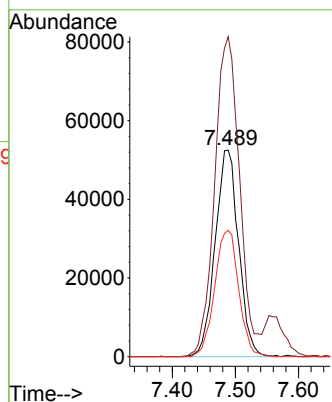
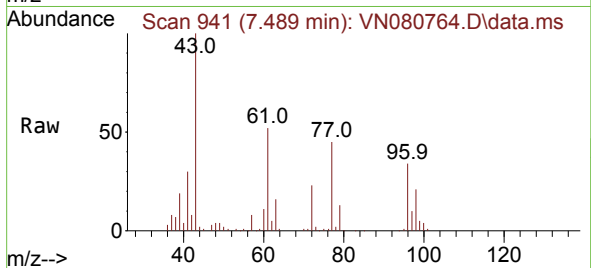




#27
 cis-1,2-Dichloroethene
 Concen: 56.938 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

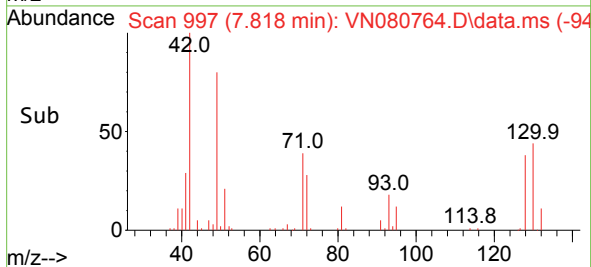
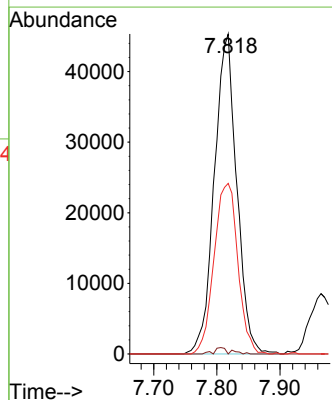
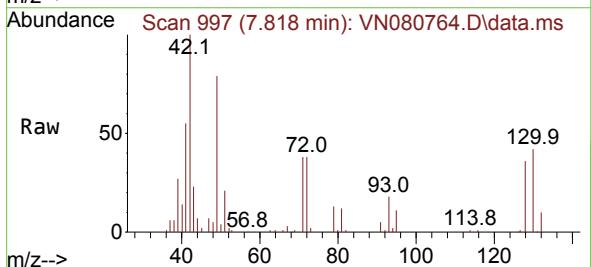
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

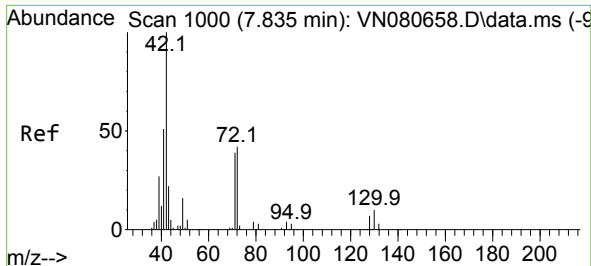
Tgt Ion: 96 Resp: 135544
 Ion Ratio Lower Upper
 96 100
 61 165.3 0.0 255.2
 98 62.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.956 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Tgt Ion: 49 Resp: 111923
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 56.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 296.472 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

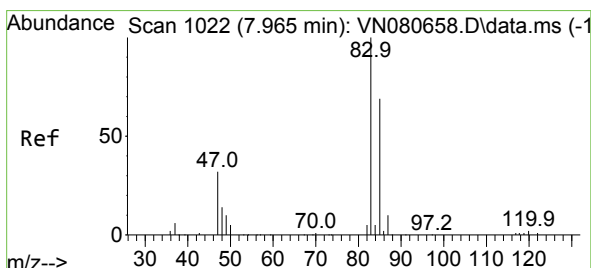
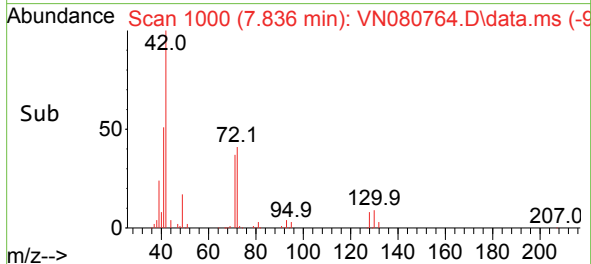
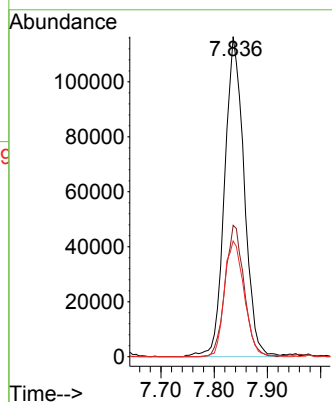
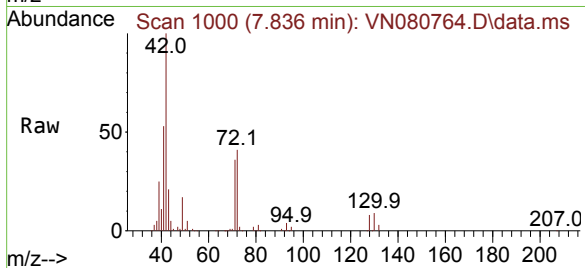
Tgt Ion: 42 Resp: 296958

Ion Ratio Lower Upper

42 100

72 39.9 49.8 74.6#

71 36.8 47.4 71.2#



#30

Chloroform

Concen: 54.395 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080764.D

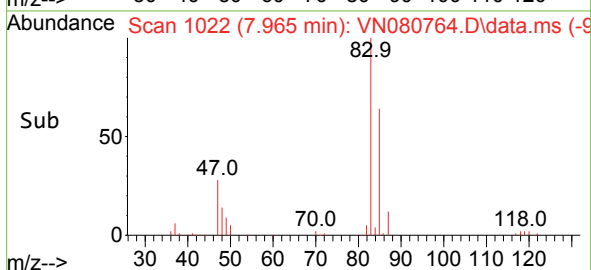
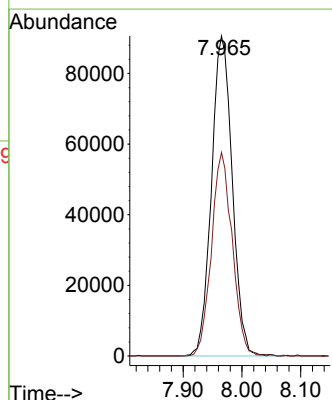
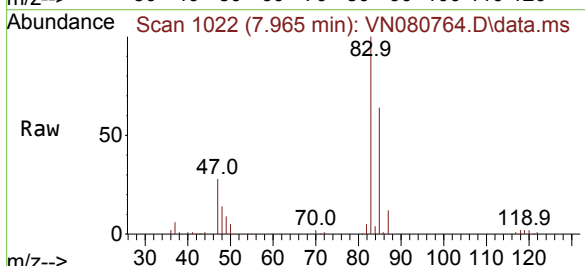
Acq: 26 Jan 2024 10:17

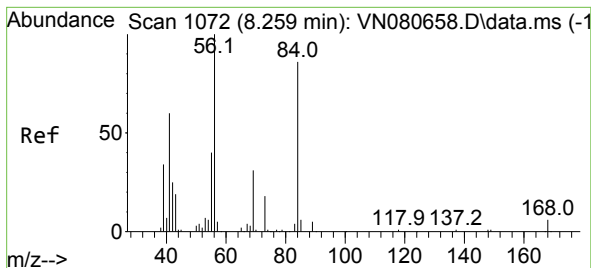
Tgt Ion: 83 Resp: 222147

Ion Ratio Lower Upper

83 100

85 63.6 55.4 83.0

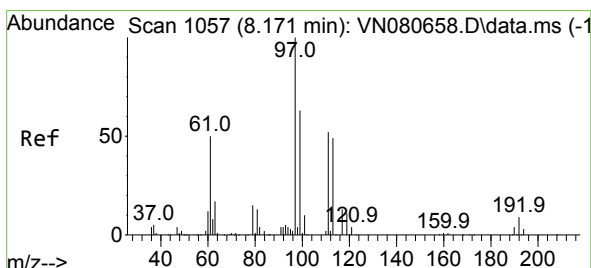
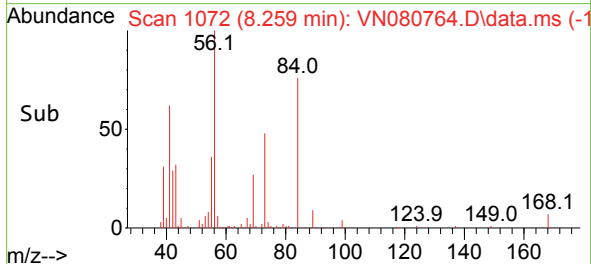
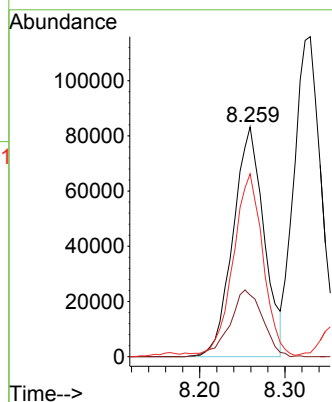
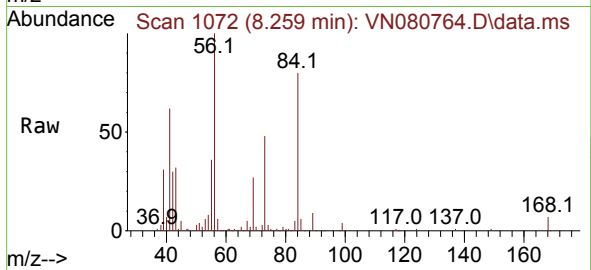




#31
Cyclohexane
Concen: 54.285 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

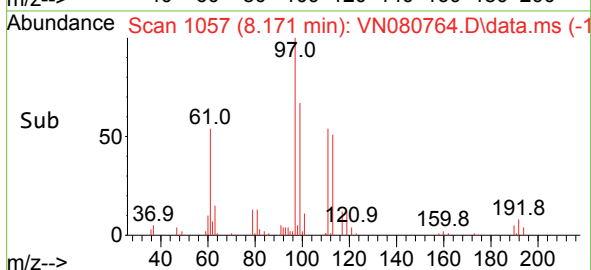
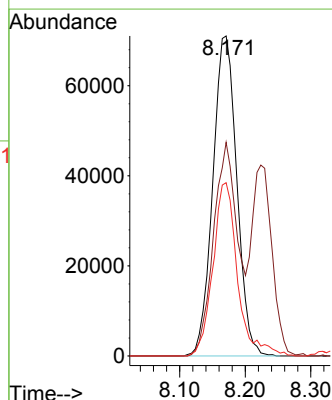
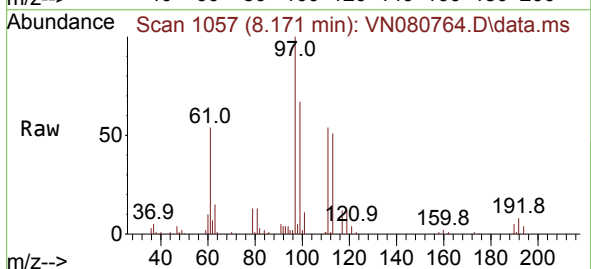
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

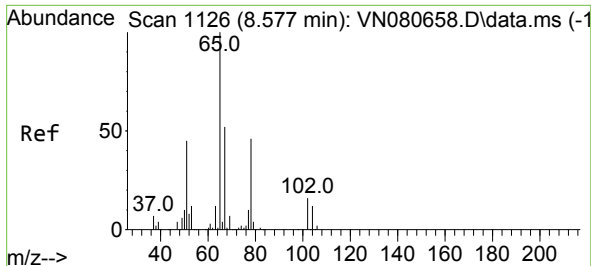
Tgt Ion: 56 Resp: 210016
Ion Ratio Lower Upper
56 100
69 26.8 26.8 40.2
84 78.5 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 49.638 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 97 Resp: 180452
Ion Ratio Lower Upper
97 100
99 66.9 50.3 75.5
61 55.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 45.970 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

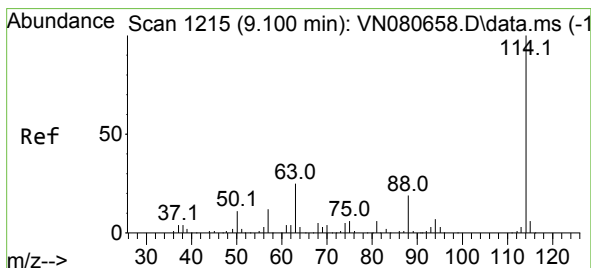
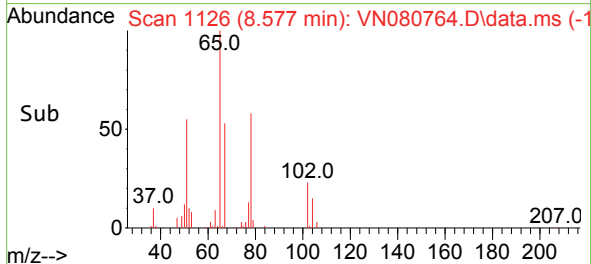
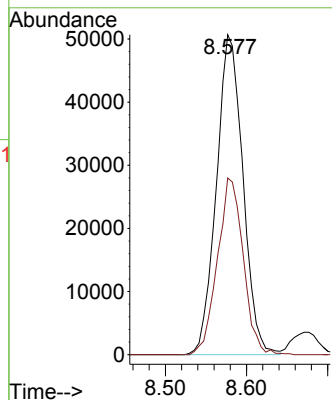
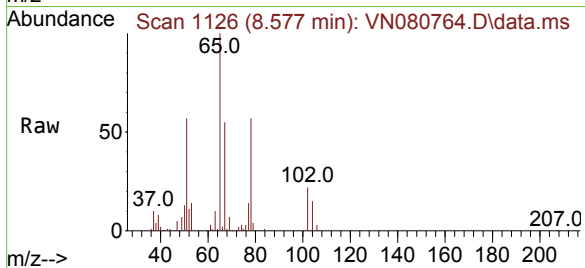
VSTDCCC050

Tgt Ion: 65 Resp: 115115

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

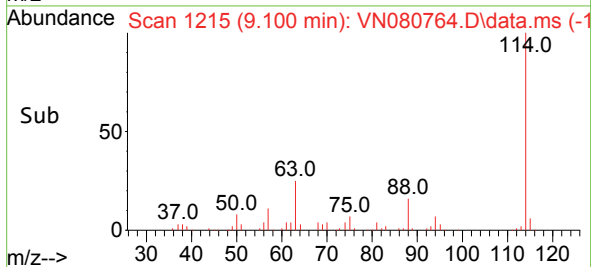
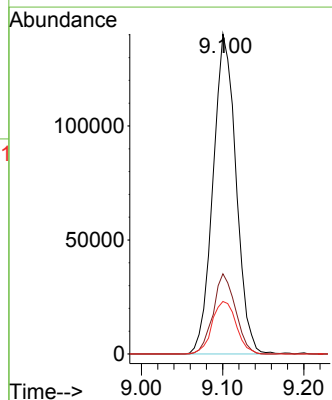
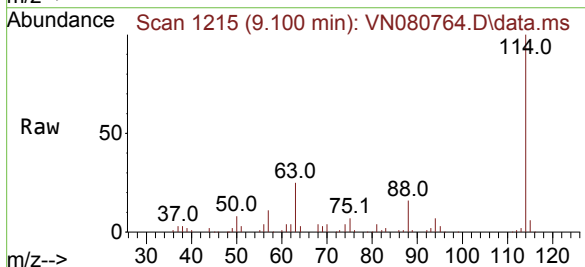
Tgt Ion: 114 Resp: 276611

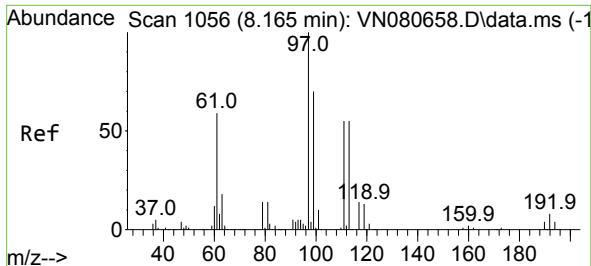
Ion Ratio Lower Upper

114 100

63 25.0 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.321 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

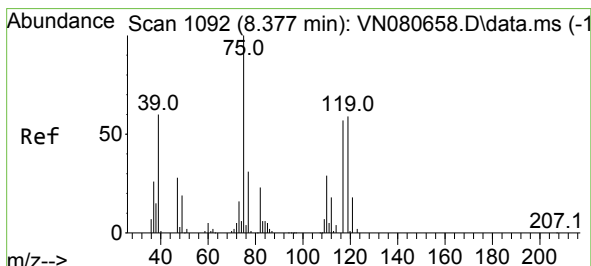
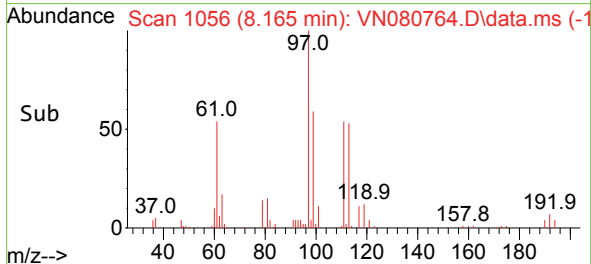
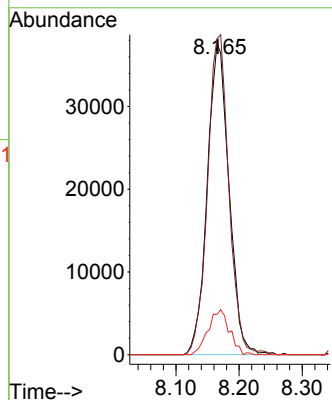
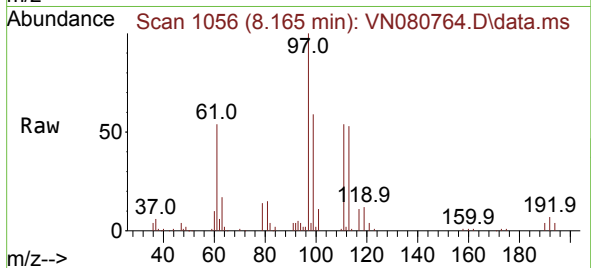
Tgt Ion:113 Resp: 90087

Ion Ratio Lower Upper

113 100

111 100.5 82.6 123.8

192 14.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 53.669 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

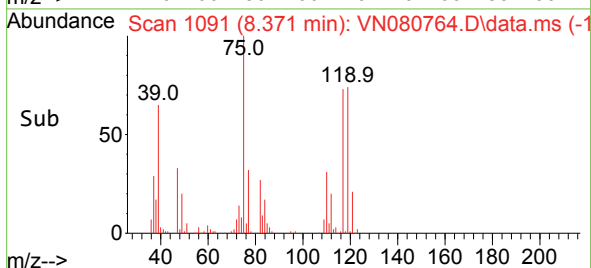
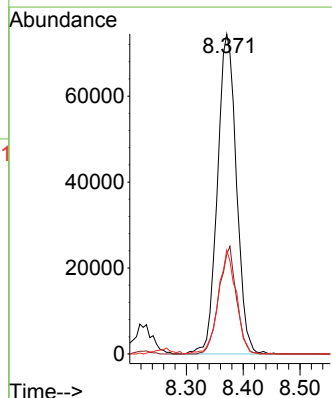
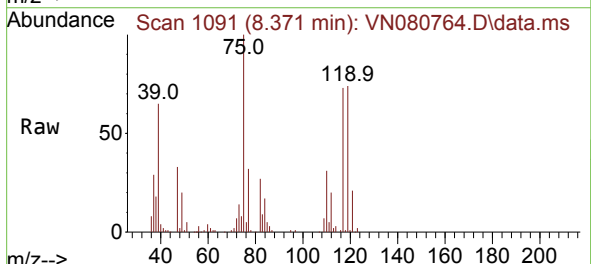
Tgt Ion: 75 Resp: 172780

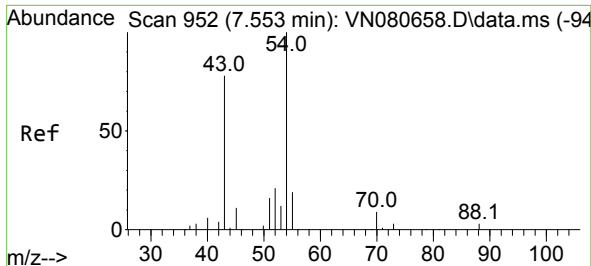
Ion Ratio Lower Upper

75 100

110 30.9 19.1 57.3

77 31.0 25.0 37.4

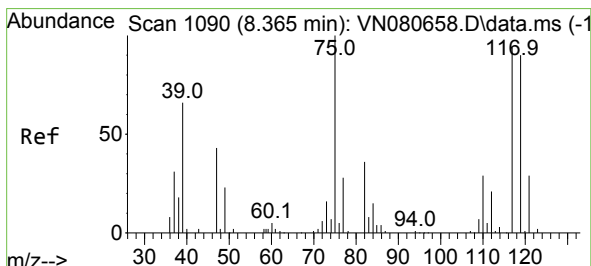
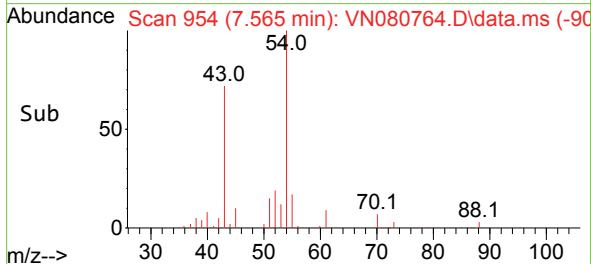
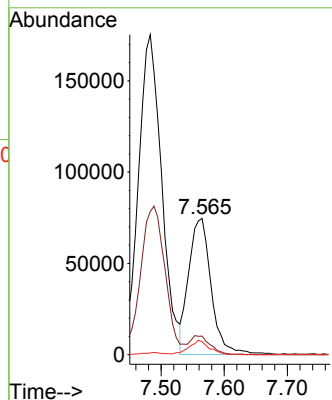
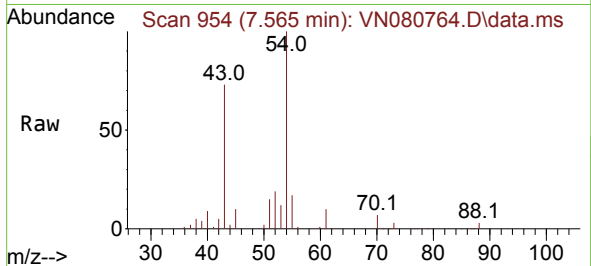




#37
Ethyl Acetate
Concen: 59.086 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

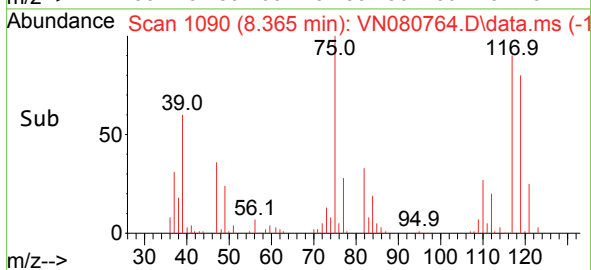
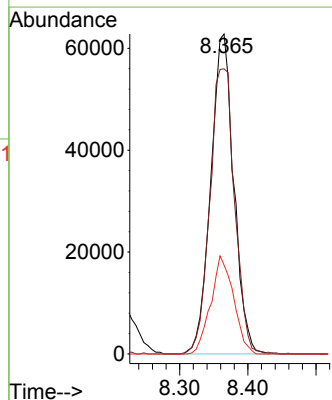
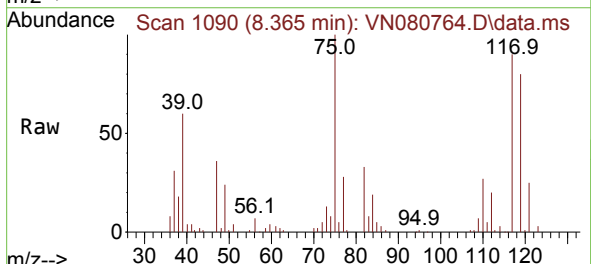
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

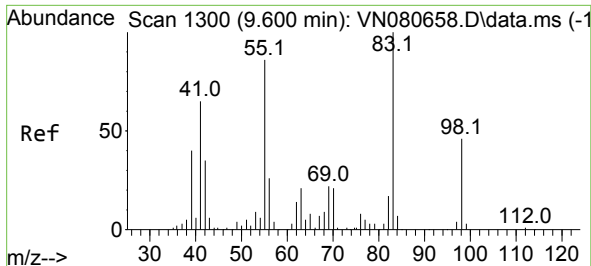
Tgt Ion: 43 Resp: 184455
Ion Ratio Lower Upper
43 100
61 11.4 13.2 19.8#
70 9.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 51.080 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 117 Resp: 147653
Ion Ratio Lower Upper
117 100
119 89.1 77.3 115.9
121 27.8 23.3 34.9





#39

Methylcyclohexane

Concen: 56.590 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

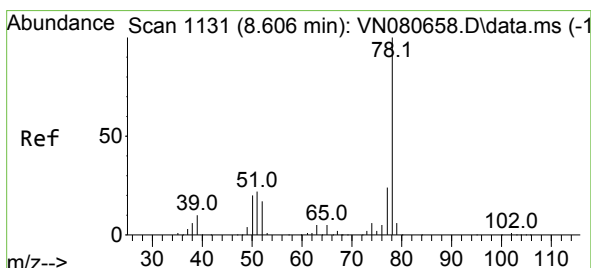
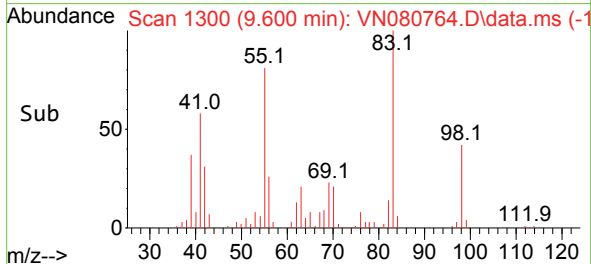
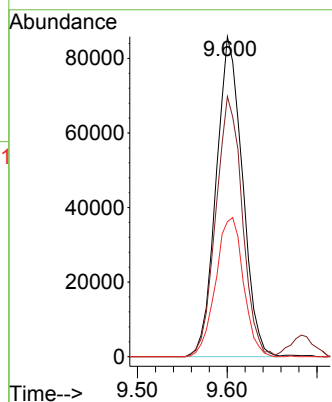
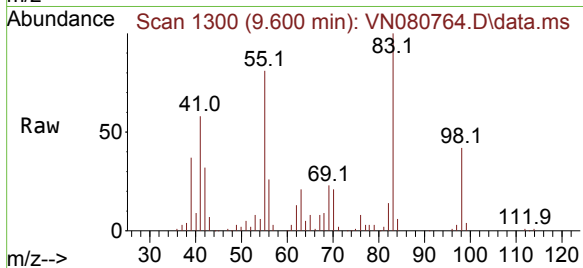
Tgt Ion: 83 Resp: 174345

Ion Ratio Lower Upper

83 100

55 81.3 49.1 73.7#

98 42.1 40.6 61.0



#40

Benzene

Concen: 58.070 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080764.D

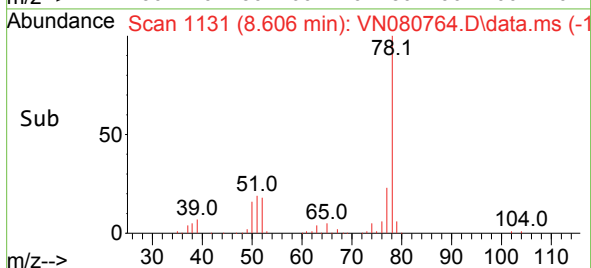
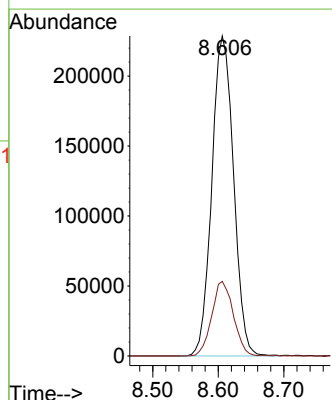
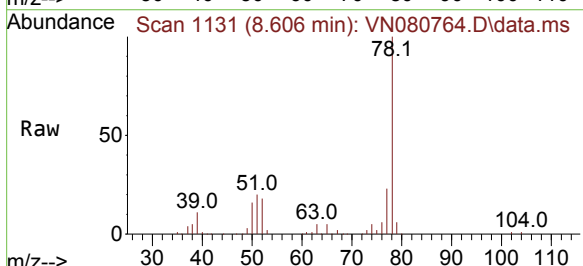
Acq: 26 Jan 2024 10:17

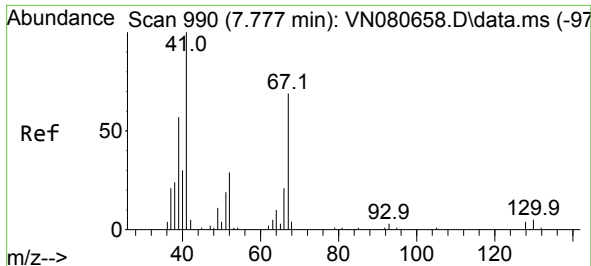
Tgt Ion: 78 Resp: 525558

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

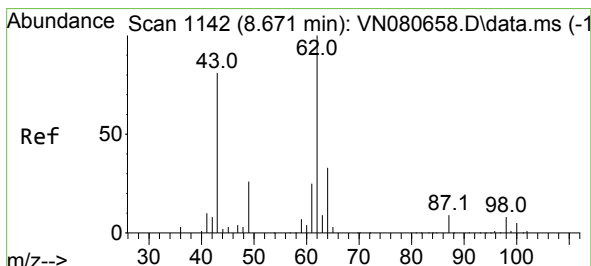
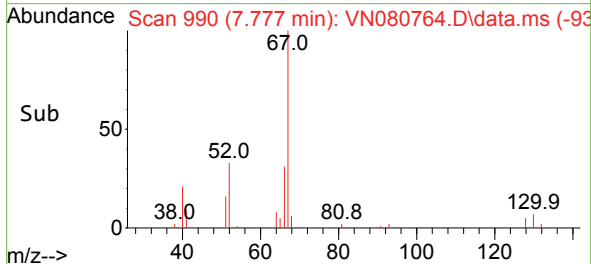
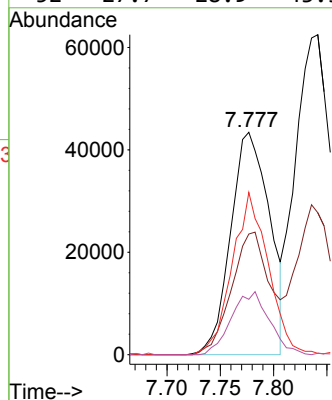
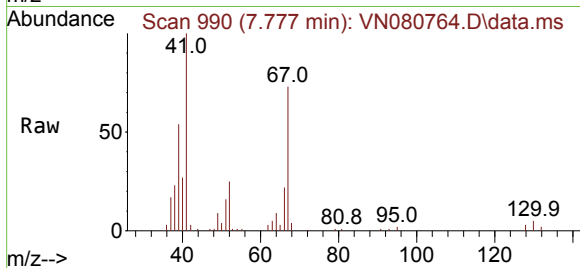




#41
Methacrylonitrile
Concen: 61.058 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

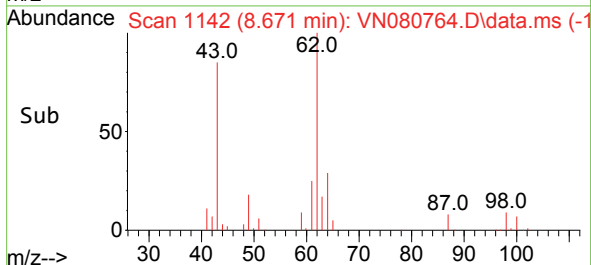
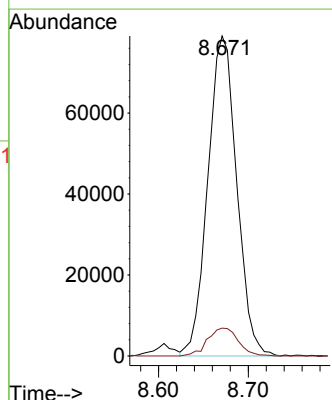
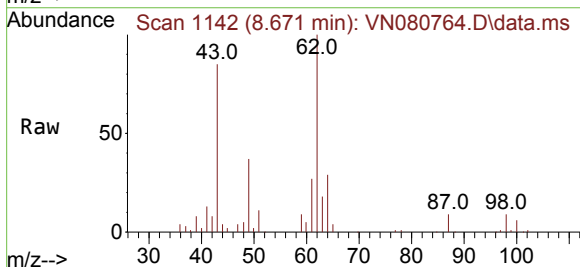
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

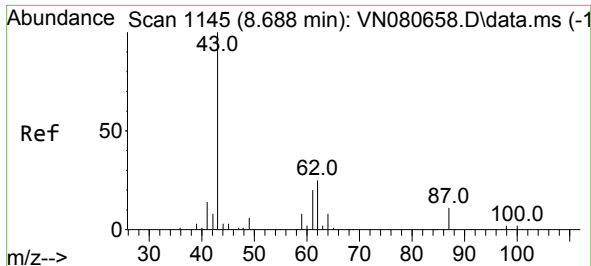
Tgt Ion: 41 Resp: 110565
Ion Ratio Lower Upper
41 100
39 54.1 42.6 64.0
67 67.6 77.5 116.3#
52 27.7 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 50.959 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 62 Resp: 176563
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8

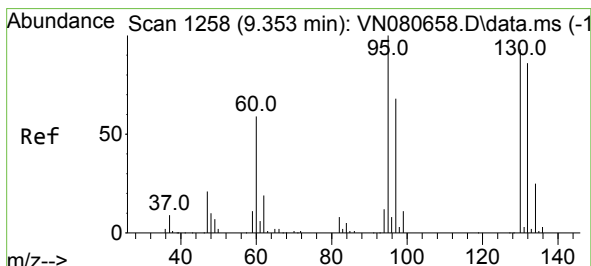
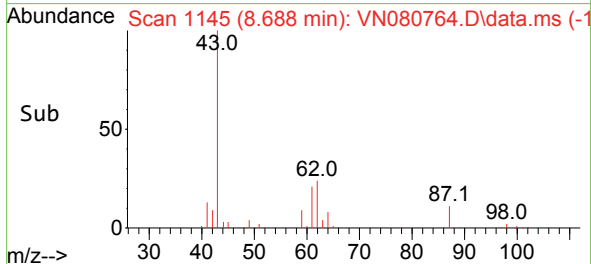
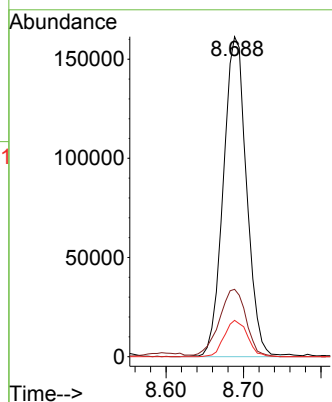
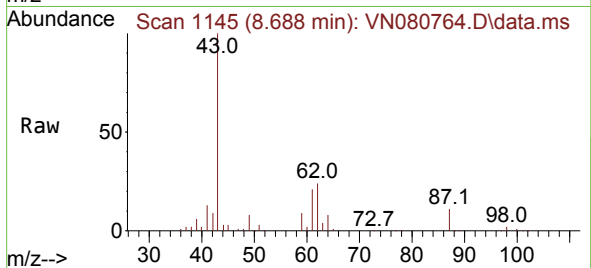




#43
Isopropyl Acetate
Concen: 58.581 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

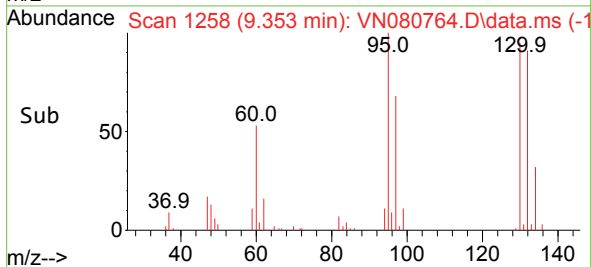
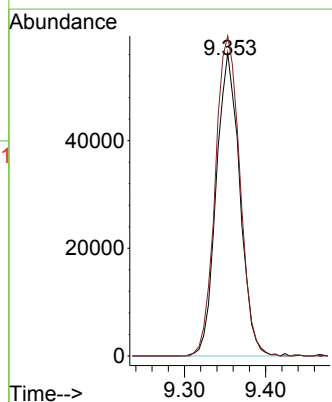
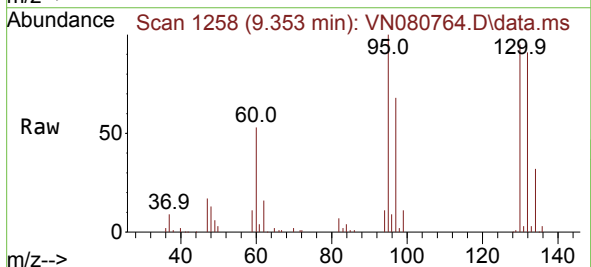
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

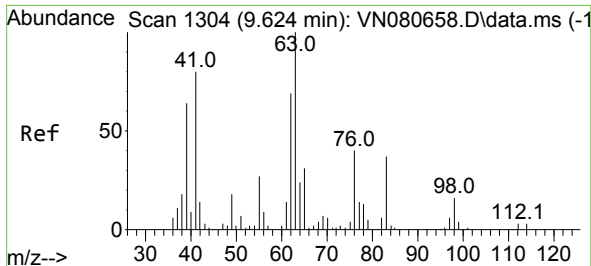
Tgt Ion: 43 Resp: 336161
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1#
87 11.3 14.6 21.8#



#44
Trichloroethene
Concen: 55.328 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion:130 Resp: 113360
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 61.211 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

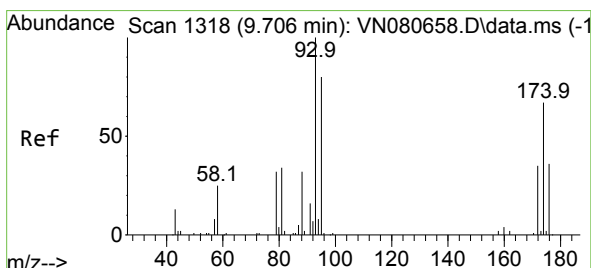
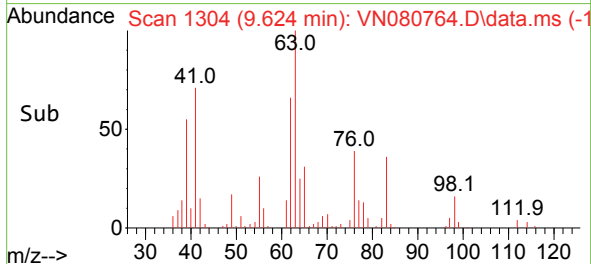
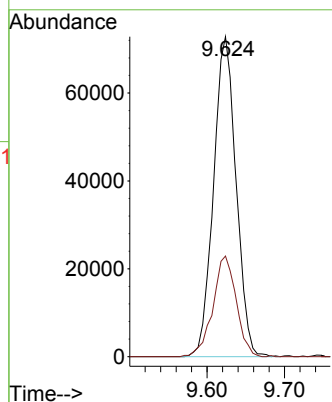
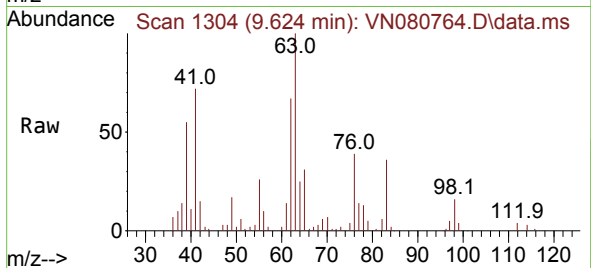
VSTDCCC050

Tgt Ion: 63 Resp: 146870

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 56.536 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

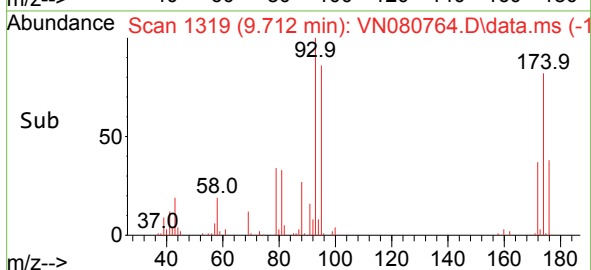
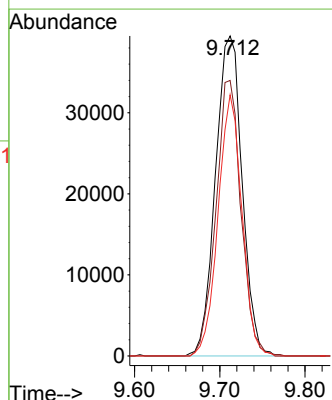
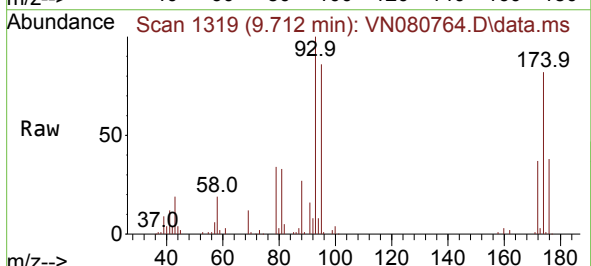
Tgt Ion: 93 Resp: 85825

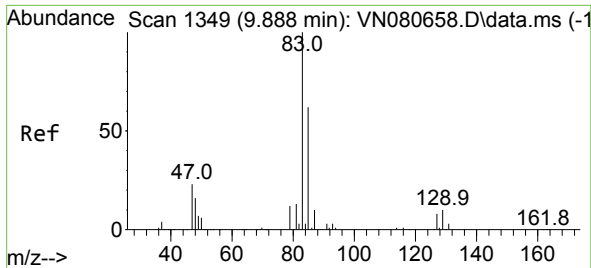
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 73.0 65.6 98.4

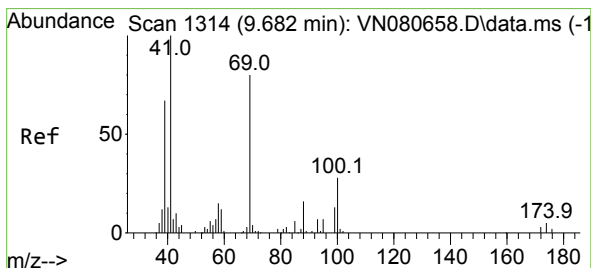
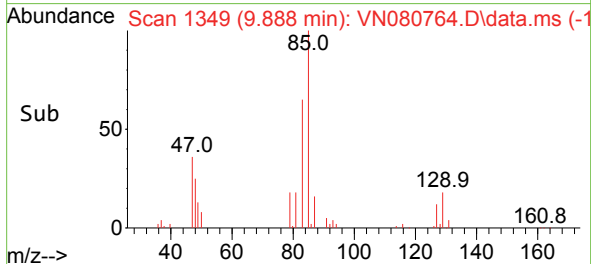
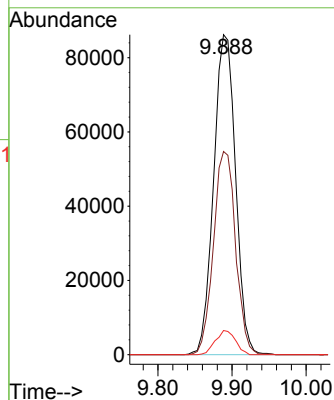
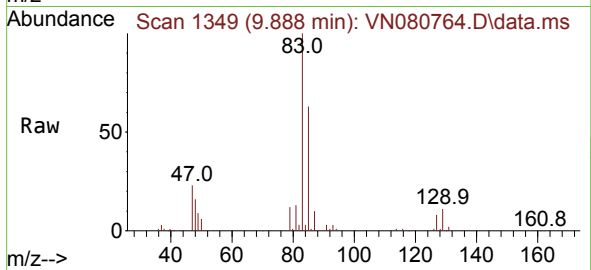




#47
Bromodichloromethane
Concen: 52.491 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

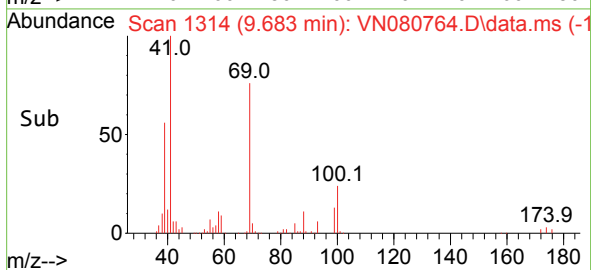
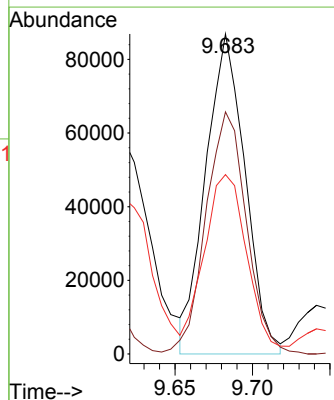
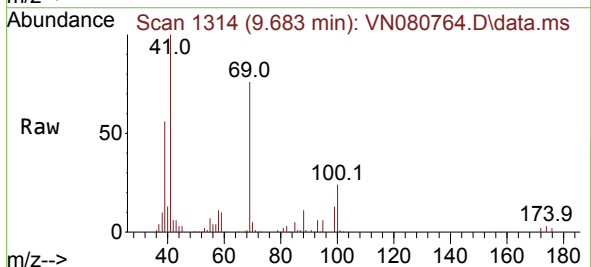
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

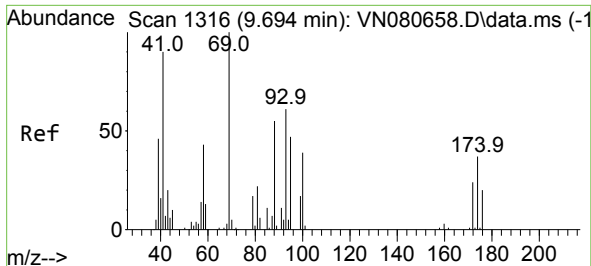
Tgt Ion: 83 Resp: 176865
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 7.5 7.0 10.6



#48
Methyl methacrylate
Concen: 56.469 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 41 Resp: 153416
Ion Ratio Lower Upper
41 100
69 78.3 90.4 135.6#
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1194.441 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

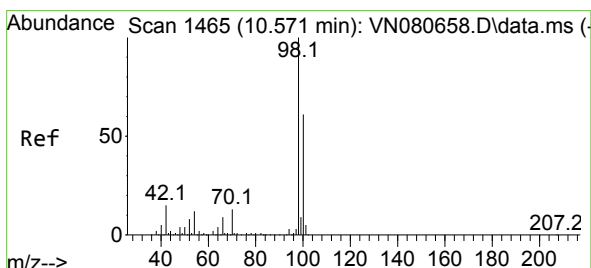
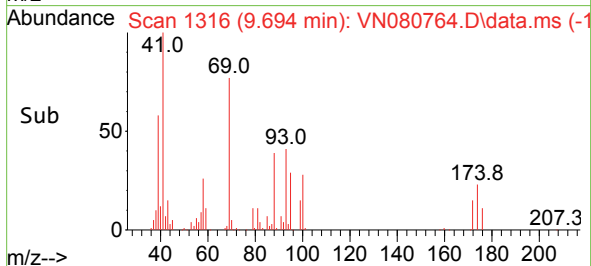
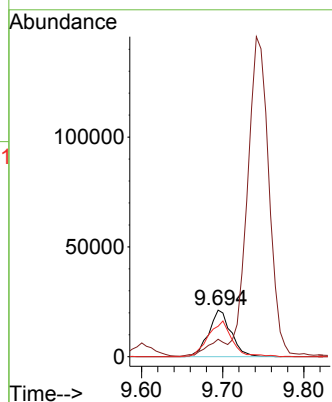
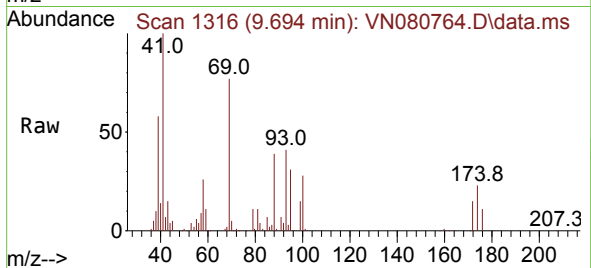
Tgt Ion: 88 Resp: 40434

Ion Ratio Lower Upper

88 100

43 32.7 17.0 25.6#

58 82.3 47.0 70.4#



#50

Toluene-d8

Concen: 58.179 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080764.D

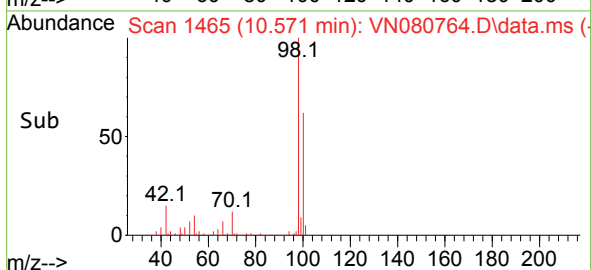
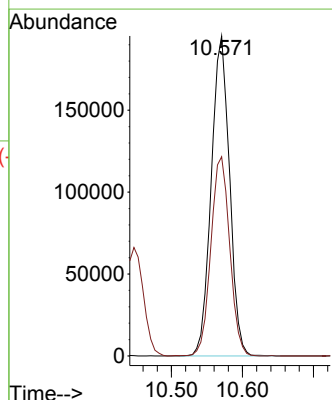
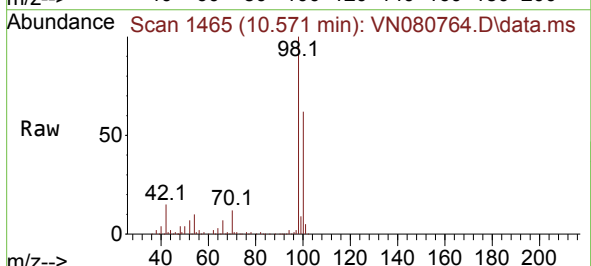
Acq: 26 Jan 2024 10:17

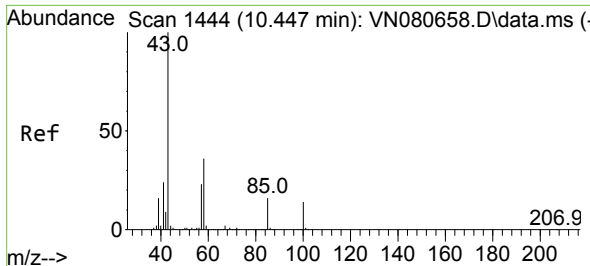
Tgt Ion: 98 Resp: 348652

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

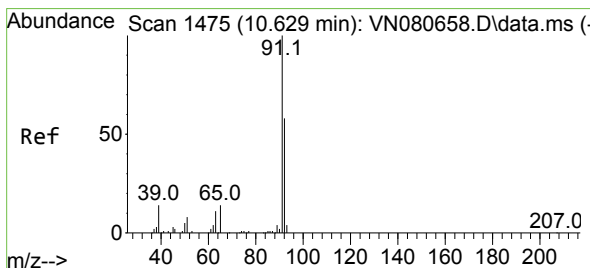
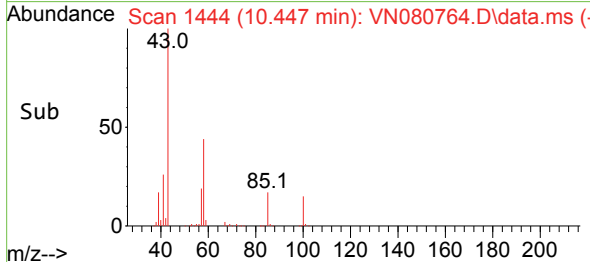
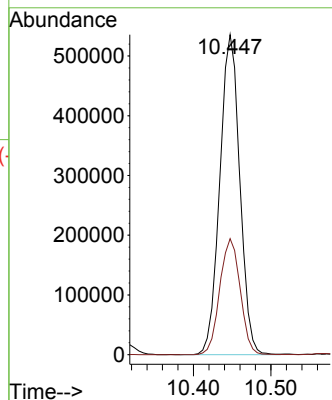
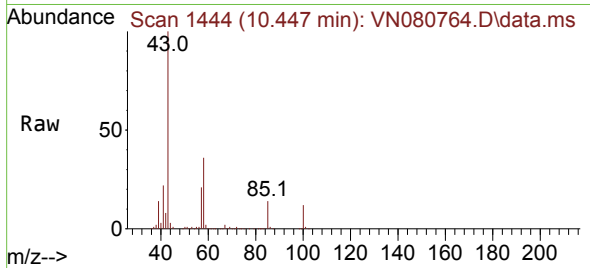




#51
4-Methyl-2-Pentanone
Concen: 311.050 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

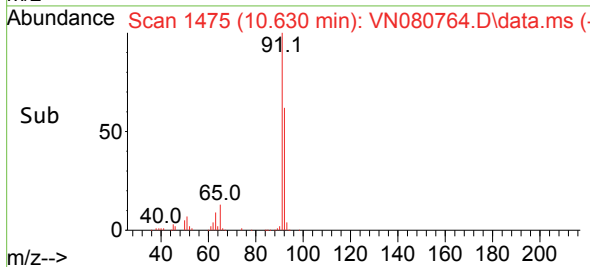
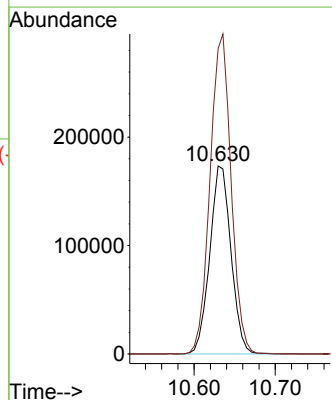
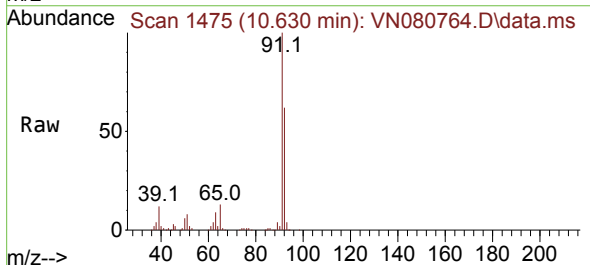
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

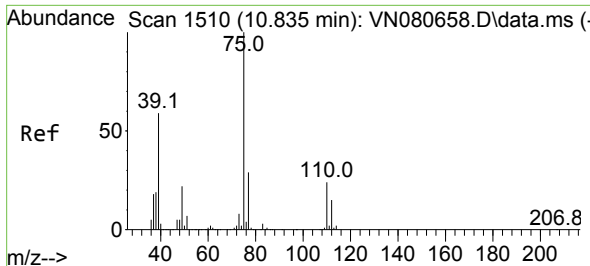
Tgt Ion: 43 Resp: 962939
Ion Ratio Lower Upper
43 100
58 37.0 36.6 54.8



#52
Toluene
Concen: 60.691 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 92 Resp: 314704
Ion Ratio Lower Upper
92 100
91 168.9 137.4 206.0

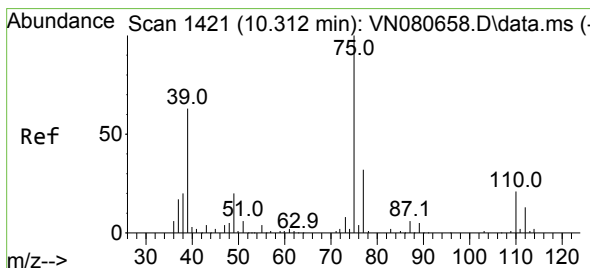
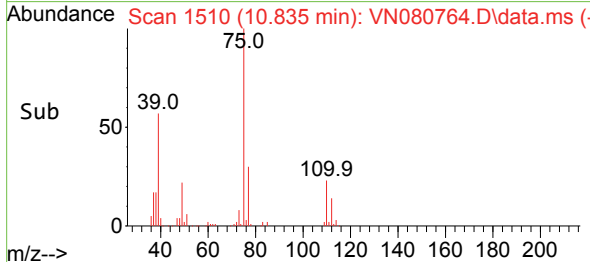
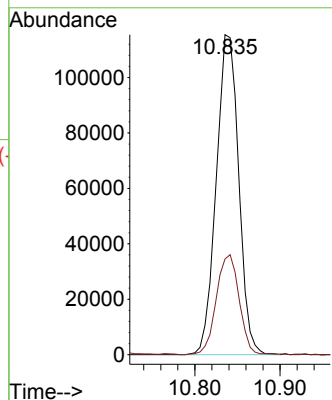
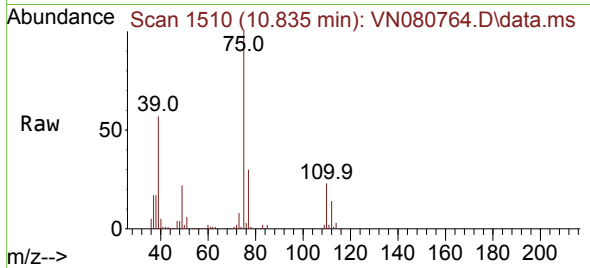




#53
 t-1,3-Dichloropropene
 Concen: 56.453 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

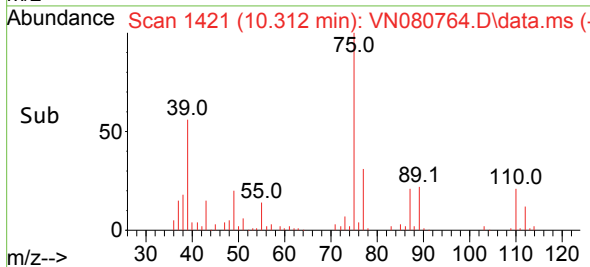
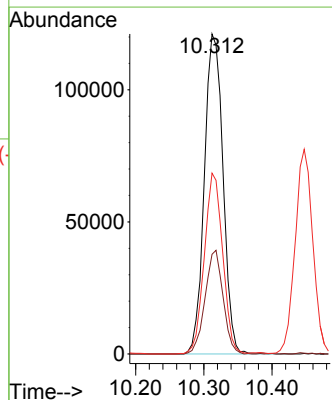
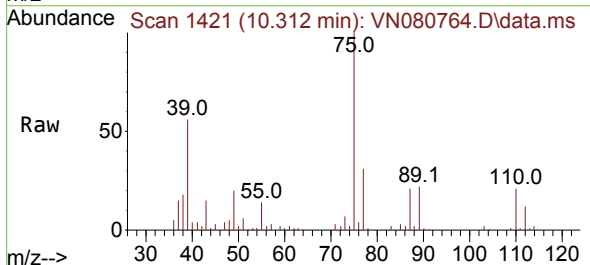
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

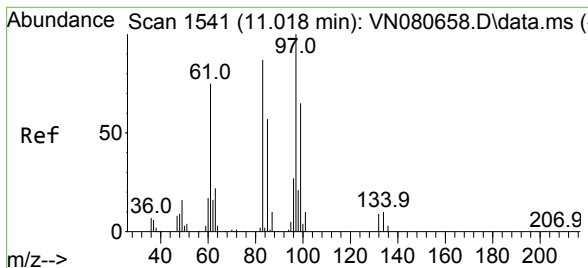
Tgt Ion: 75 Resp: 211128
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.148 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Tgt Ion: 75 Resp: 230617
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 56.4 31.6 47.4#



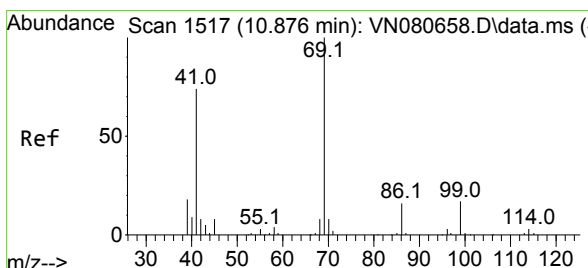
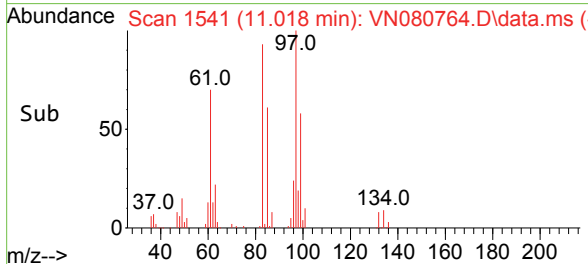
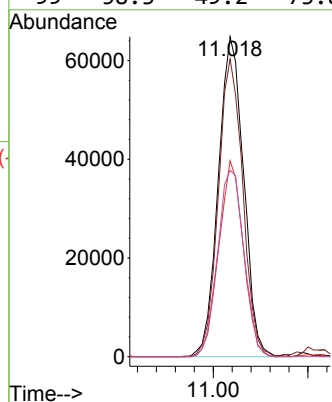
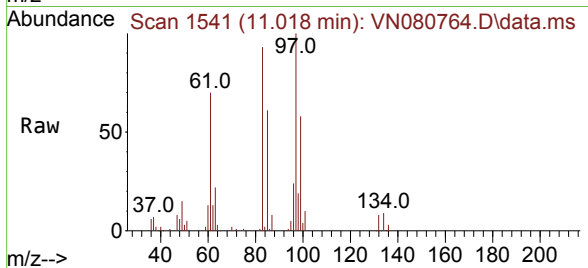


#55
1,1,2-Trichloroethane
Concen: 60.297 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 120345

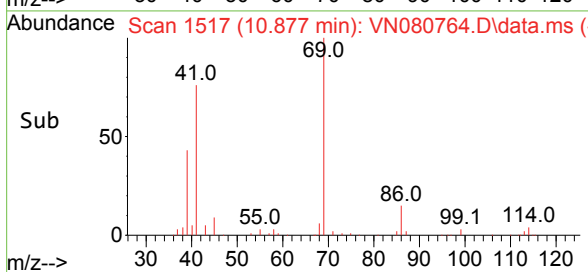
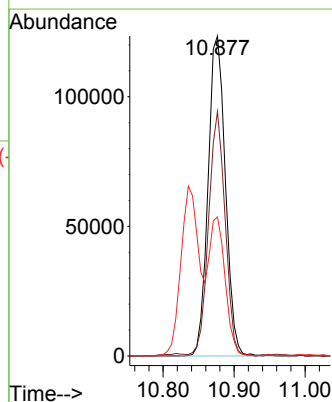
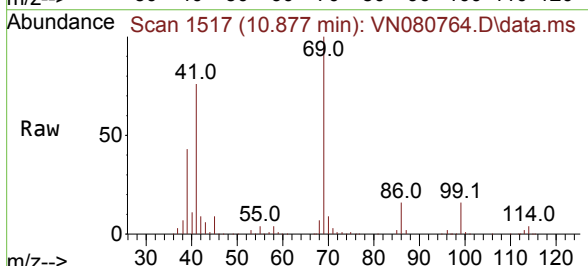
Ion	Ratio	Lower	Upper
97	100		
83	93.1	65.1	97.7
85	61.2	43.4	65.2
99	58.3	49.2	73.8

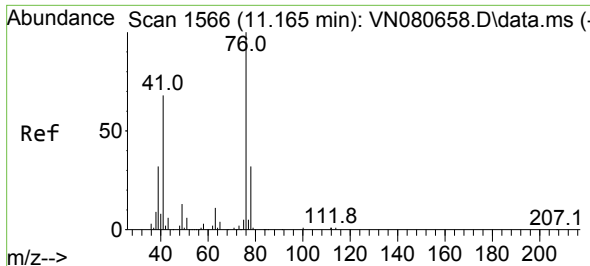


#56
Ethyl methacrylate
Concen: 58.533 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 69 Resp: 209244

Ion	Ratio	Lower	Upper
69	100		
41	73.0	39.6	59.4#
39	39.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 61.954 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

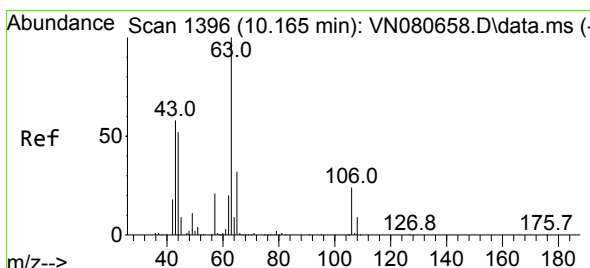
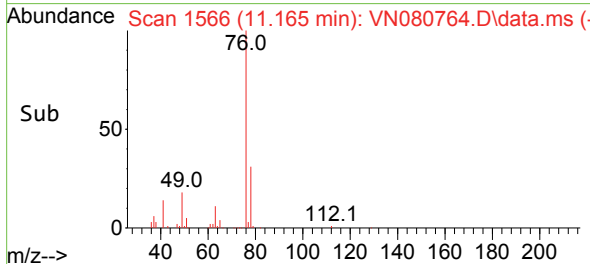
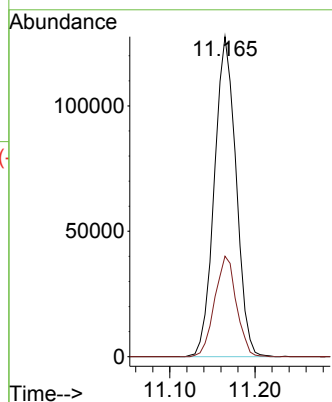
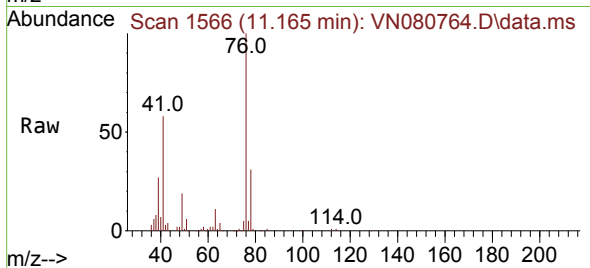
VSTDCCC050

Tgt Ion: 76 Resp: 225741

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 335.856 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080764.D

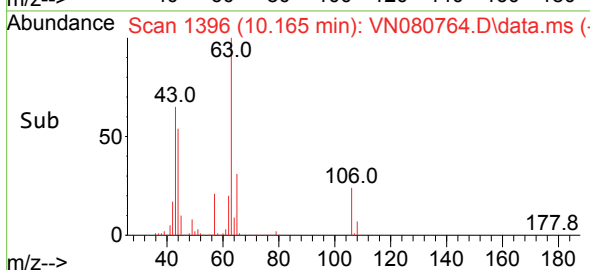
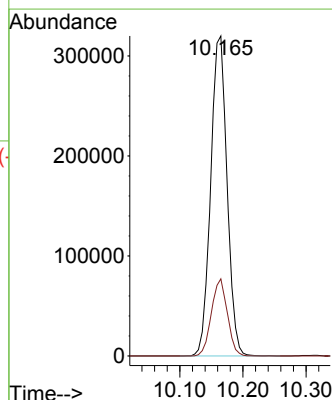
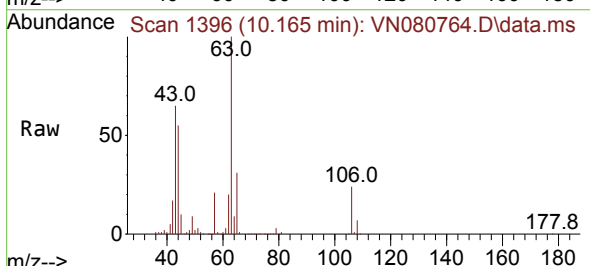
Acq: 26 Jan 2024 10:17

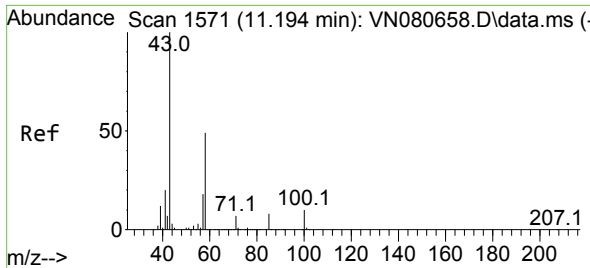
Tgt Ion: 63 Resp: 575068

Ion Ratio Lower Upper

63 100

106 23.4 26.2 39.4#

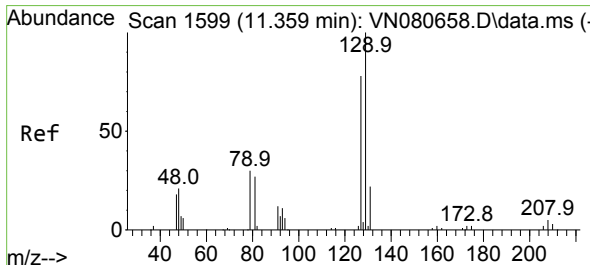
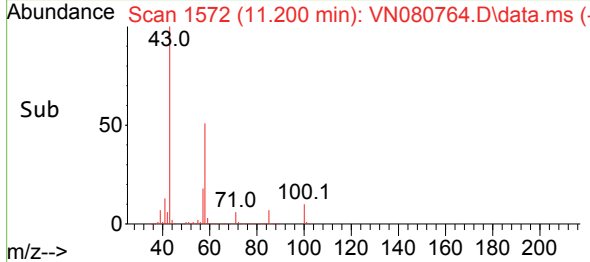
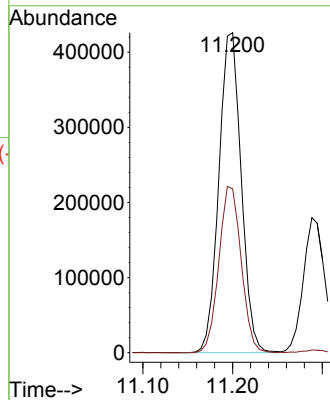
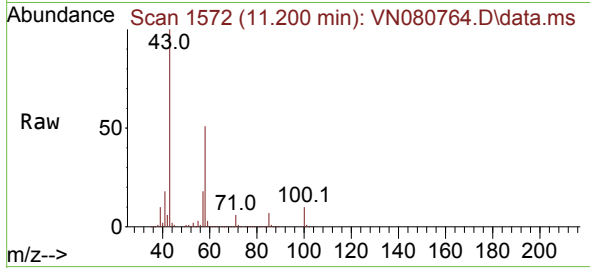




#59
2-Hexanone
Concen: 322.002 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

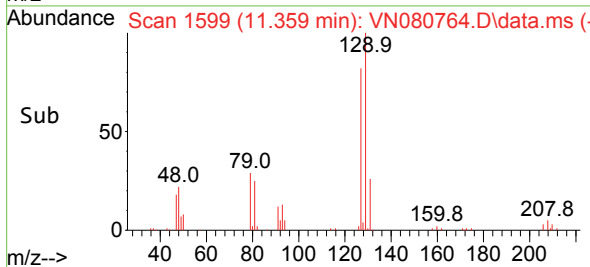
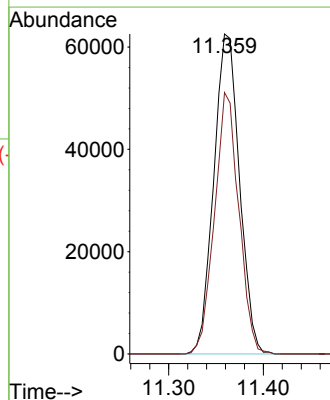
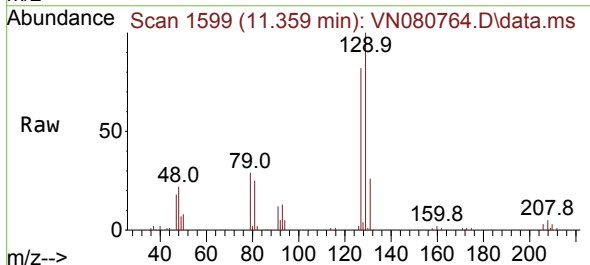
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

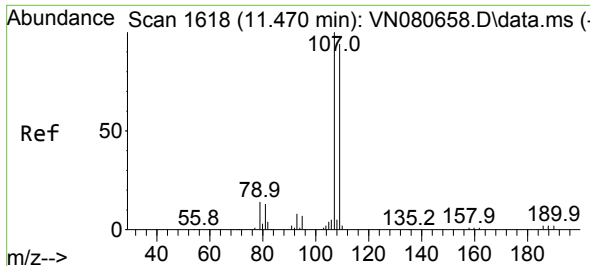
Tgt Ion: 43 Resp: 735886
Ion Ratio Lower Upper
43 100
58 51.9 31.7 95.1



#60
Dibromochloromethane
Concen: 57.590 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 129 Resp: 118131
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

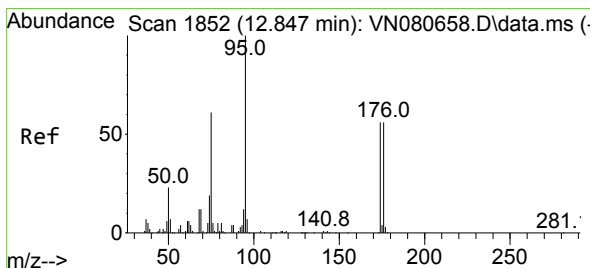
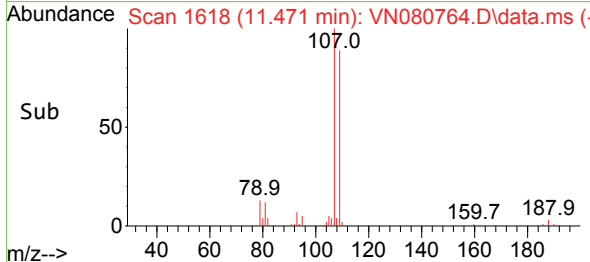
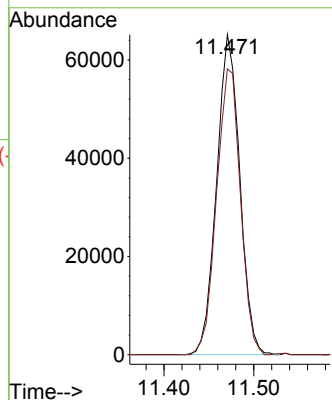
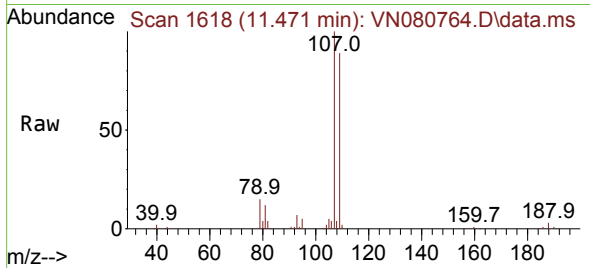




#61
1,2-Dibromoethane
Concen: 59.434 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

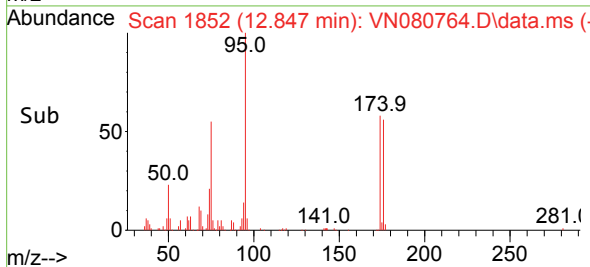
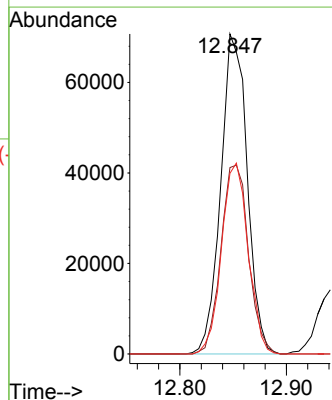
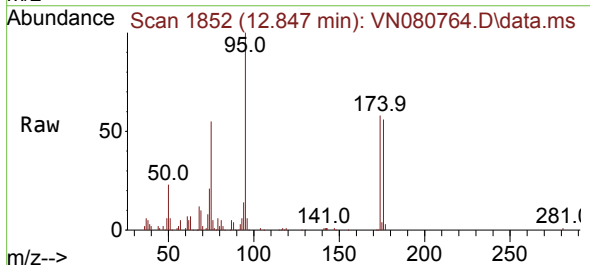
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

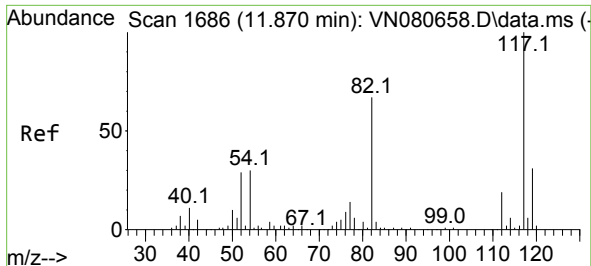
Tgt Ion:107 Resp: 116609
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 95 Resp: 121888
Ion Ratio Lower Upper
95 100
174 61.6 0.0 143.8
176 59.9 0.0 135.8

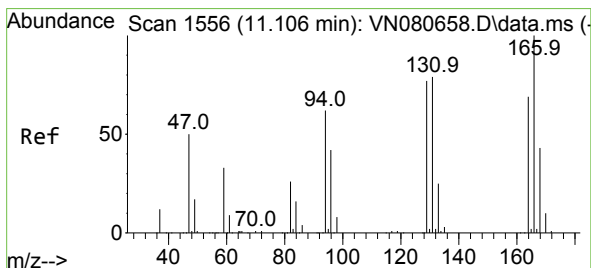
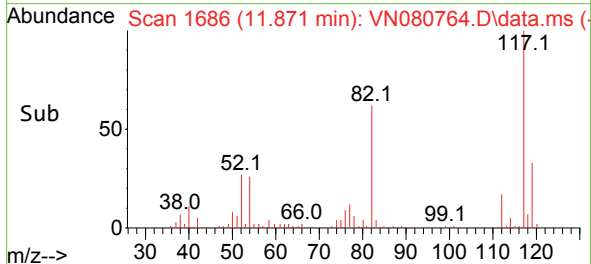
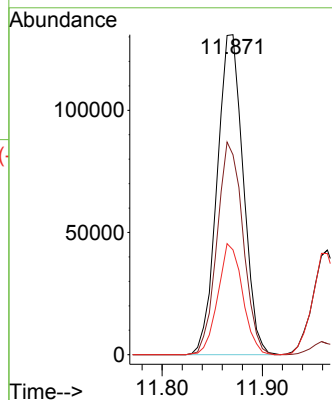
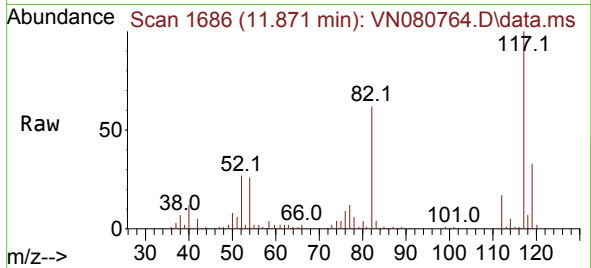




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

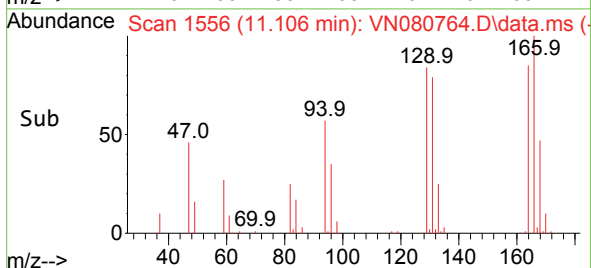
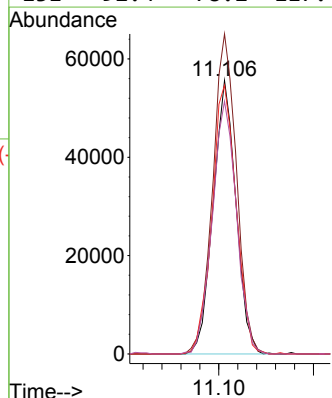
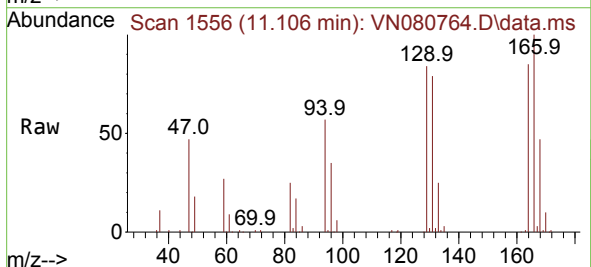
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

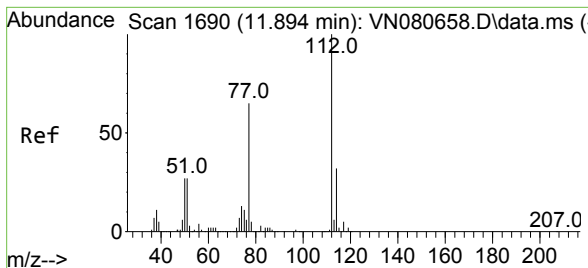
Tgt Ion:117 Resp: 236840
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 57.292 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion:164 Resp: 93183
Ion Ratio Lower Upper
164 100
166 117.0 101.4 152.0
129 98.3 82.4 123.6
131 92.4 78.2 117.4

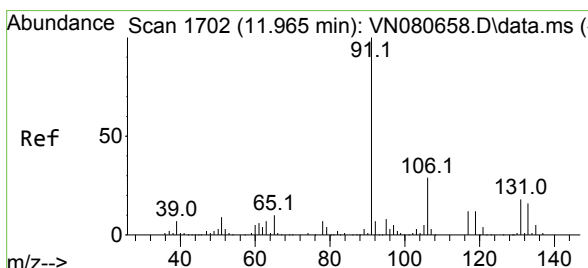
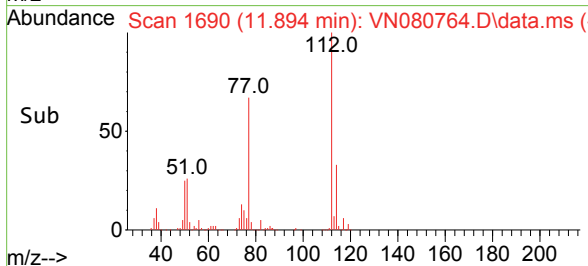
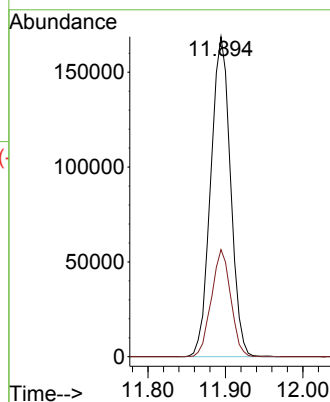
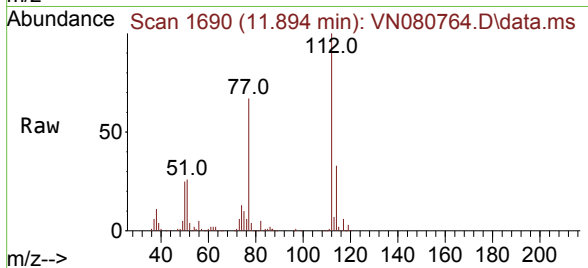




#65
Chlorobenzene
Concen: 57.798 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

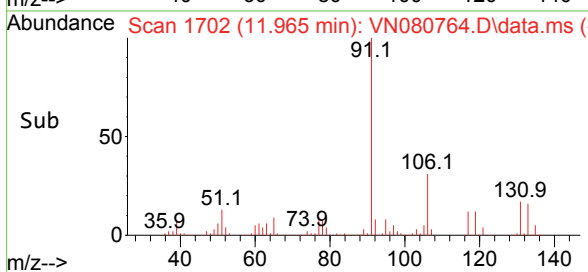
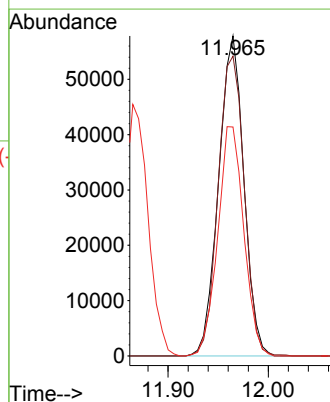
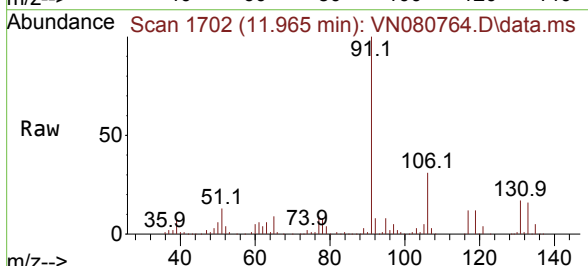
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

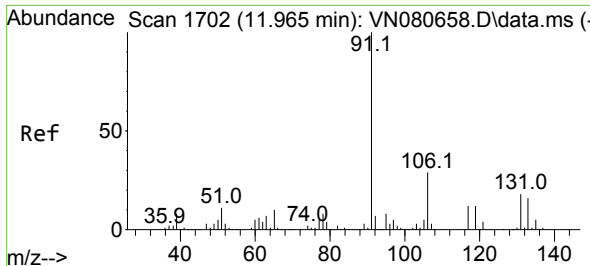
Tgt Ion:112 Resp: 299071
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.006 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion:131 Resp: 101056
Ion Ratio Lower Upper
131 100
133 97.1 46.4 139.1
119 74.1 34.1 102.2





#67

Ethyl Benzene

Concen: 58.454 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

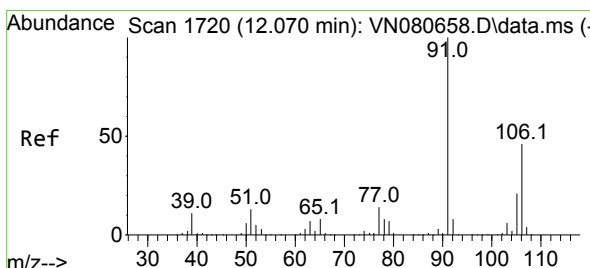
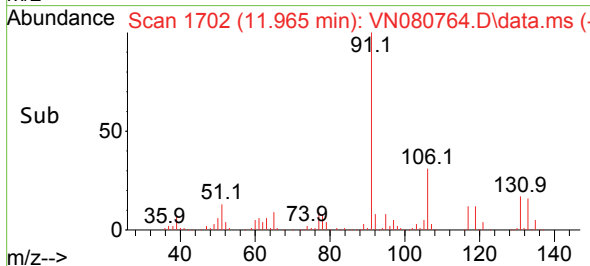
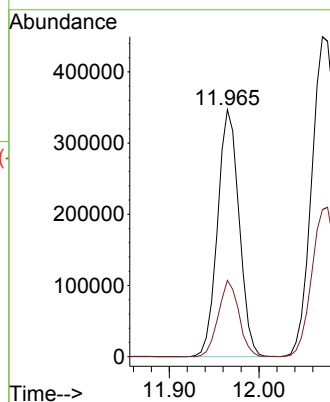
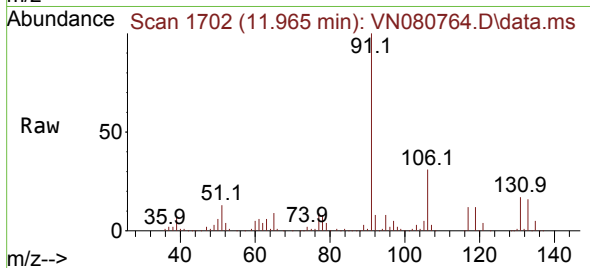
VSTDCCC050

Tgt Ion: 91 Resp: 577568

Ion Ratio Lower Upper

91 100

106 30.9 25.6 38.4



#68

m/p-Xylenes

Concen: 120.244 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080764.D

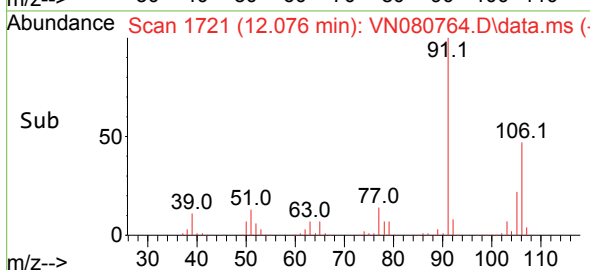
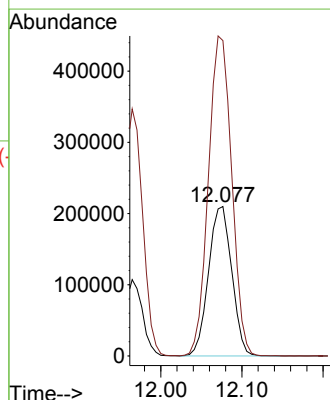
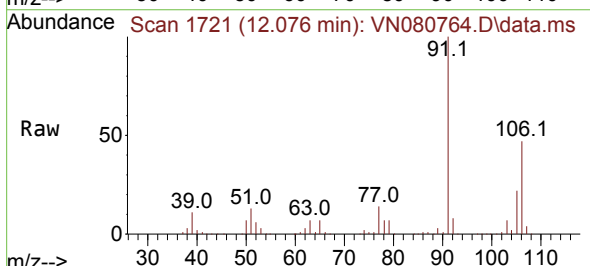
Acq: 26 Jan 2024 10:17

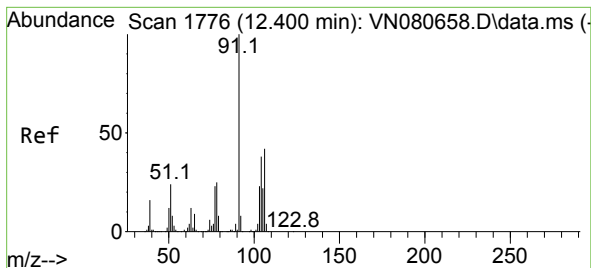
Tgt Ion:106 Resp: 417698

Ion Ratio Lower Upper

106 100

91 214.6 159.6 239.4

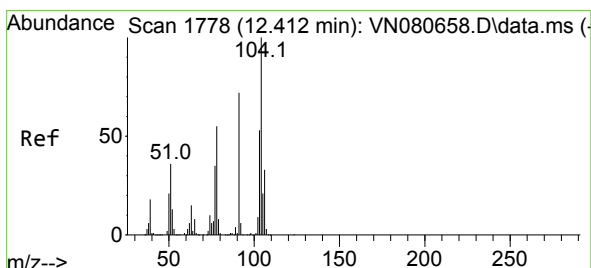
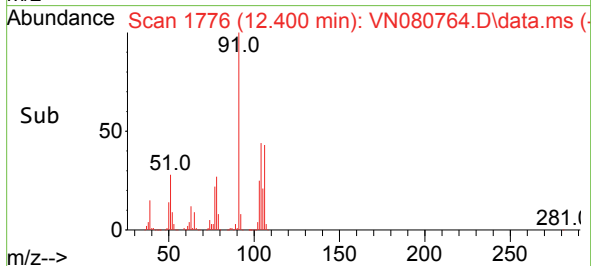
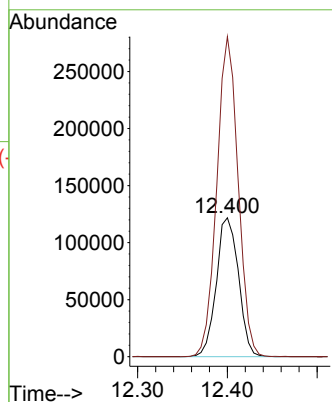
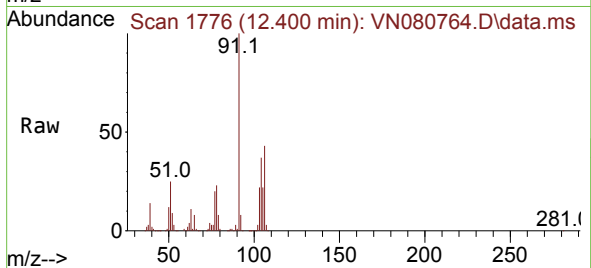




#69
o-Xylene
Concen: 61.520 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

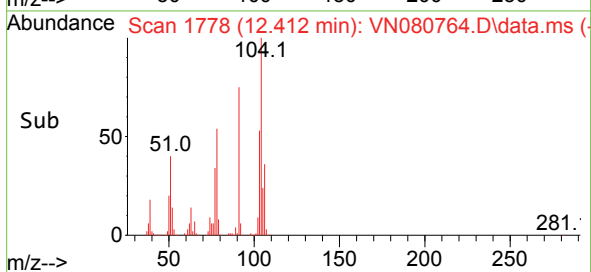
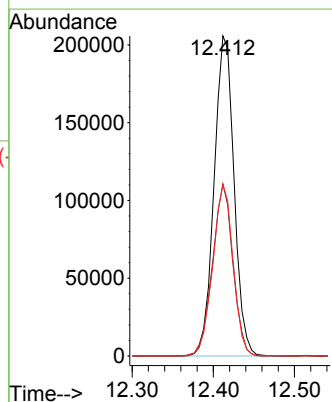
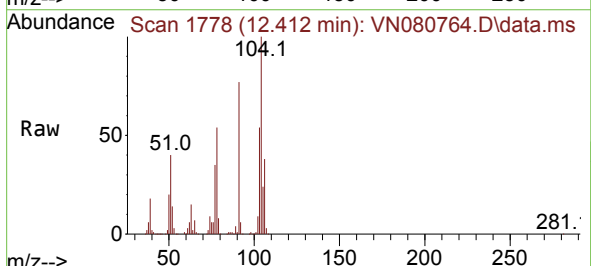
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

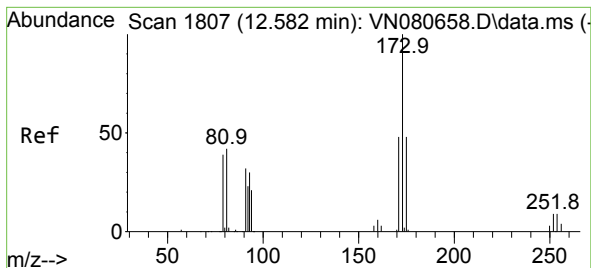
Tgt Ion:106 Resp: 208953
Ion Ratio Lower Upper
106 100
91 221.7 105.2 315.5



#70
Styrene
Concen: 60.900 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion:104 Resp: 351242
Ion Ratio Lower Upper
104 100
78 55.0 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 59.019 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

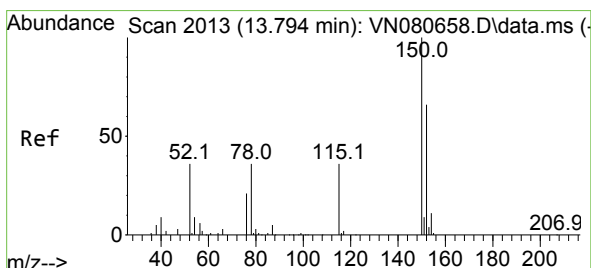
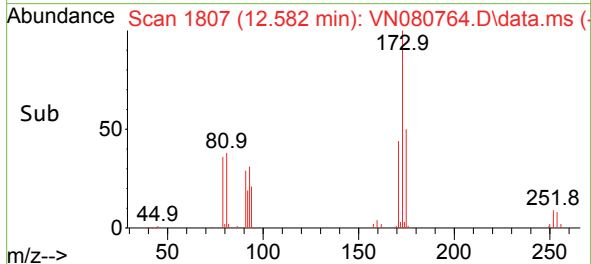
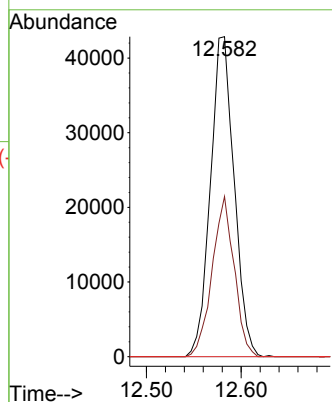
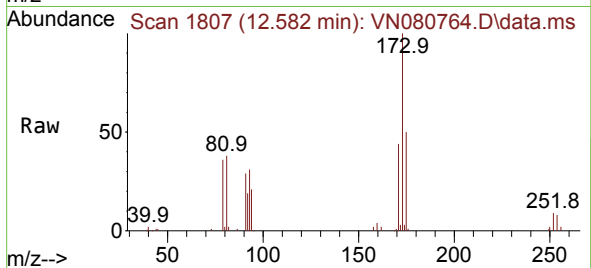
Tgt Ion:173 Resp: 74595

Ion Ratio Lower Upper

173 100

175 46.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

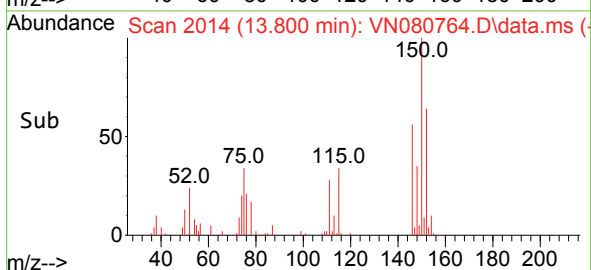
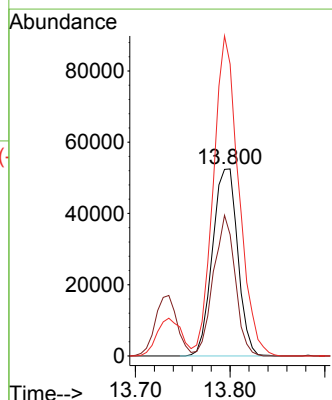
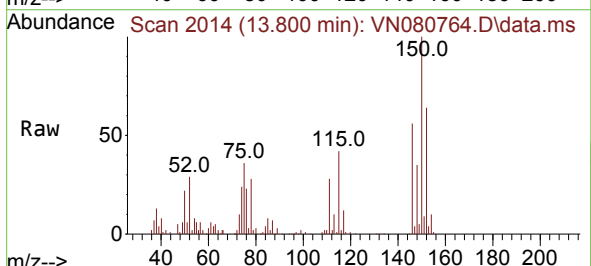
Tgt Ion:152 Resp: 96918

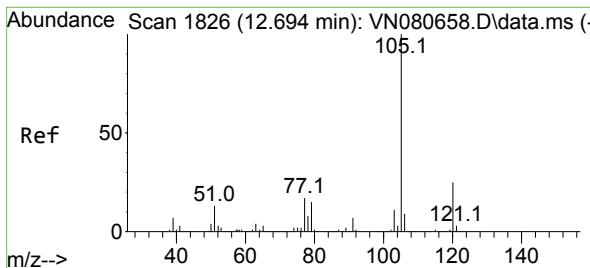
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 172.3 0.0 355.8





#73

Isopropylbenzene

Concen: 55.584 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

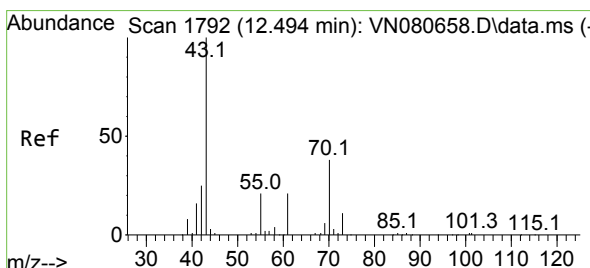
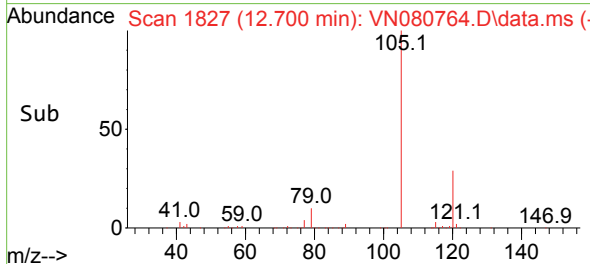
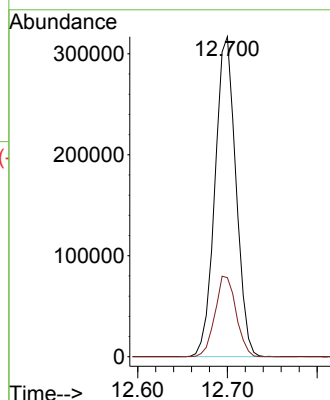
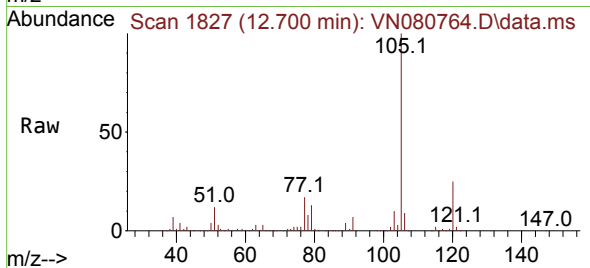
VSTDCCC050

Tgt Ion:105 Resp: 512273

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 54.769 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Tgt Ion: 43 Resp: 302918

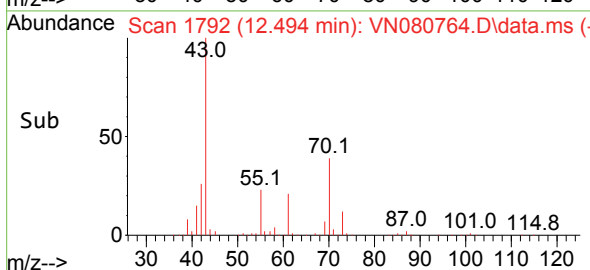
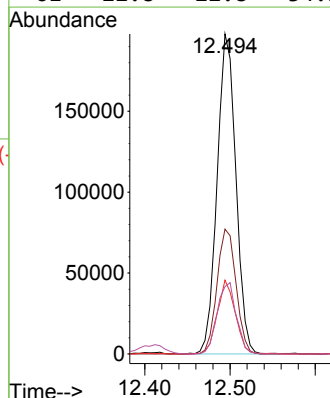
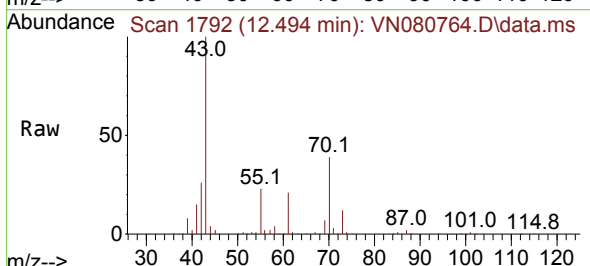
Ion Ratio Lower Upper

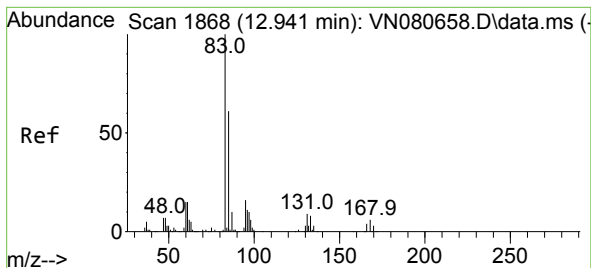
43 100

70 39.6 43.4 65.2#

55 22.2 21.4 32.0

61 22.8 22.8 34.2#

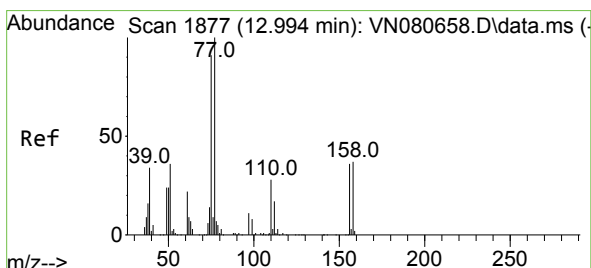
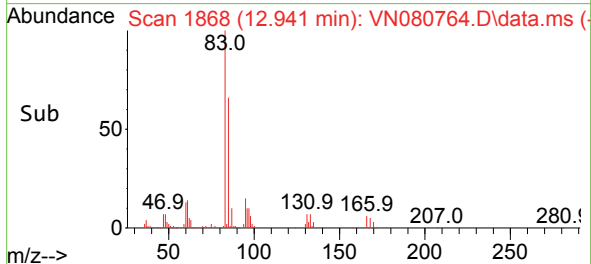
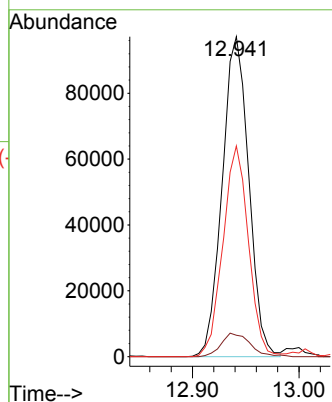
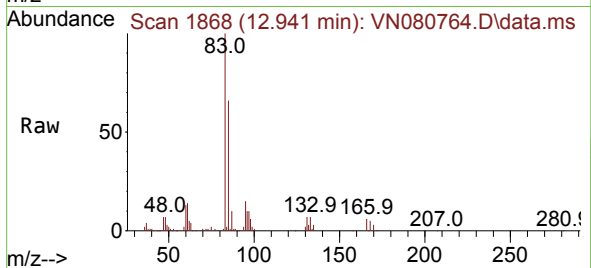




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.664 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

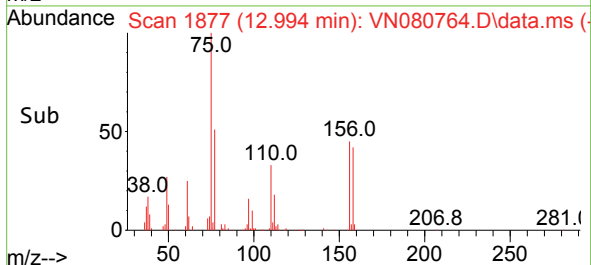
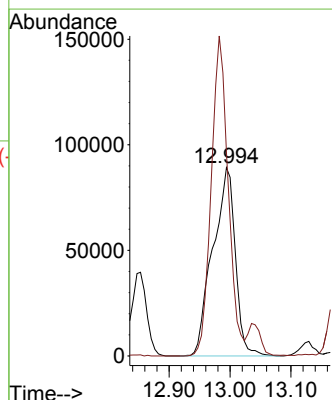
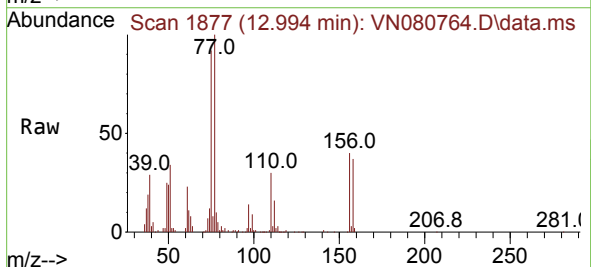
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

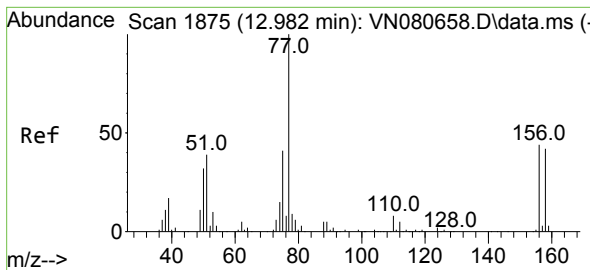
Tgt Ion: 83 Resp: 168284
 Ion Ratio Lower Upper
 83 100
 131 8.0 5.0 15.0
 85 63.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 76.756 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Tgt Ion: 75 Resp: 229391
 Ion Ratio Lower Upper
 75 100
 77 128.1 84.5 253.5





#77

Bromobenzene

Concen: 53.678 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

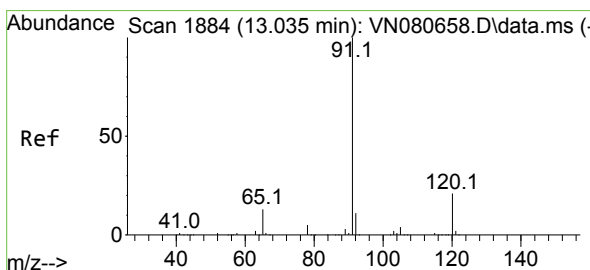
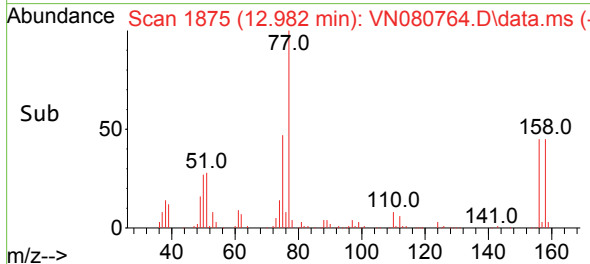
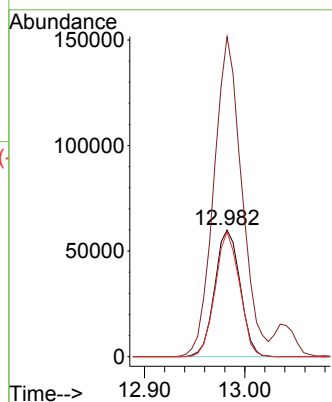
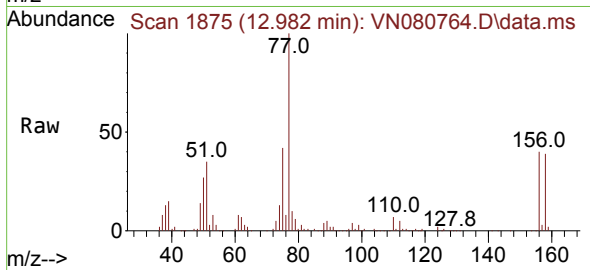
Tgt Ion:156 Resp: 105074

Ion Ratio Lower Upper

156 100

77 279.7 107.7 323.3

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 55.906 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080764.D

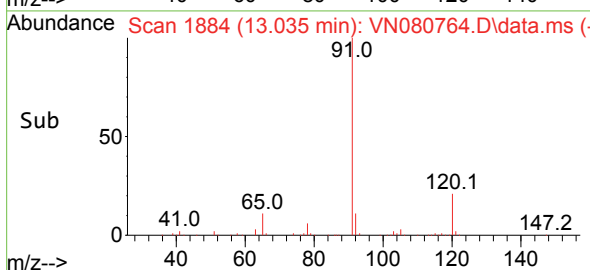
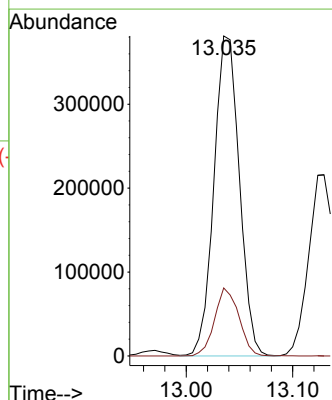
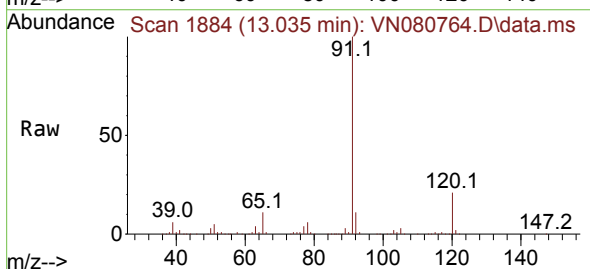
Acq: 26 Jan 2024 10:17

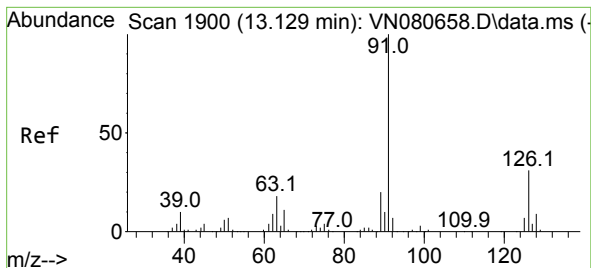
Tgt Ion: 91 Resp: 632056

Ion Ratio Lower Upper

91 100

120 20.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.212 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

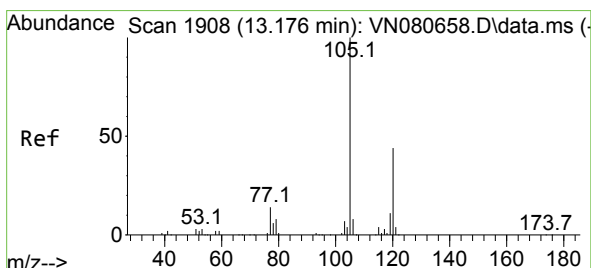
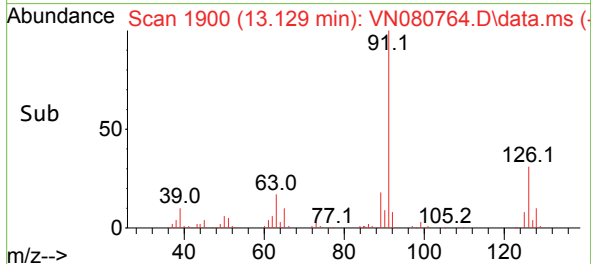
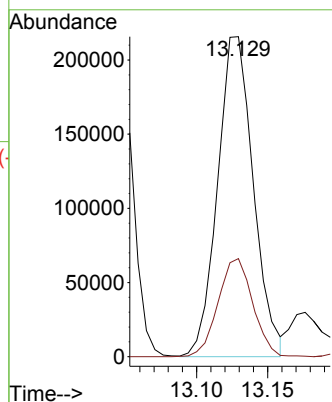
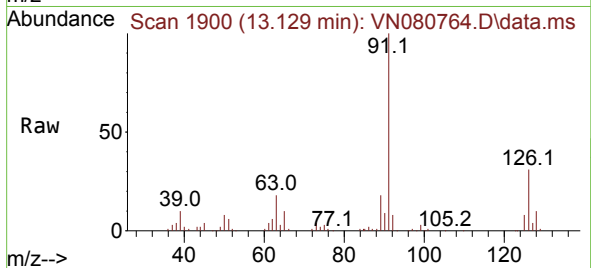
VSTDCCC050

Tgt Ion: 91 Resp: 378298

Ion Ratio Lower Upper

91 100

126 29.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 54.004 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080764.D

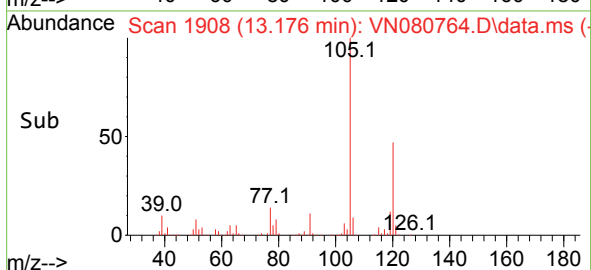
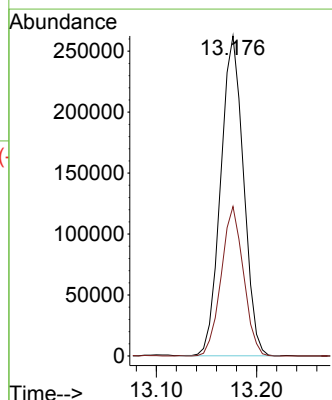
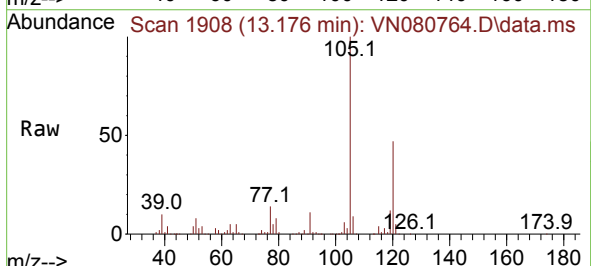
Acq: 26 Jan 2024 10:17

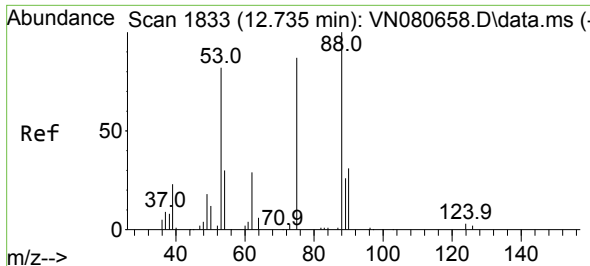
Tgt Ion: 105 Resp: 414790

Ion Ratio Lower Upper

105 100

120 45.5 24.1 72.3

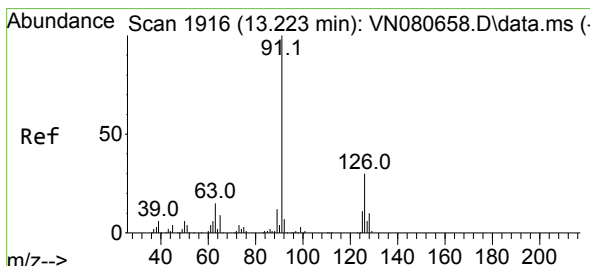
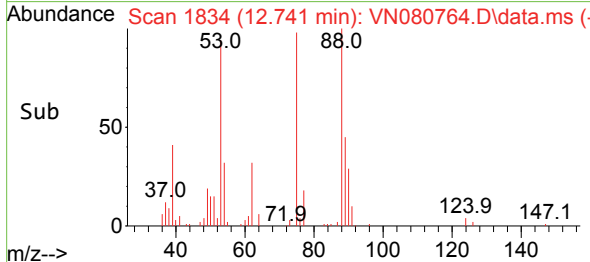
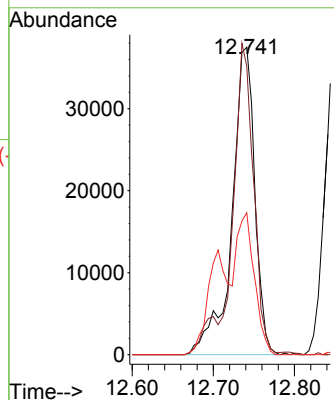
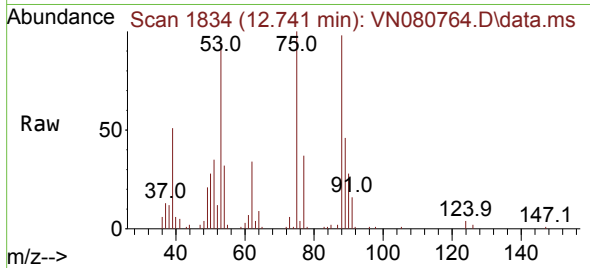




#81
trans-1,4-Dichloro-2-butene
Concen: 57.901 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

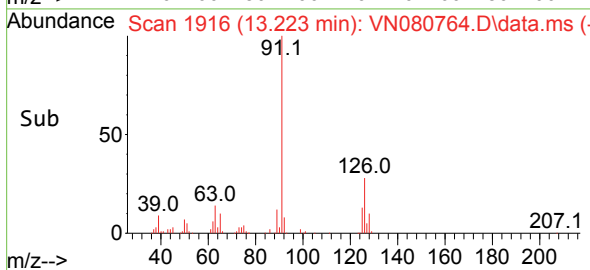
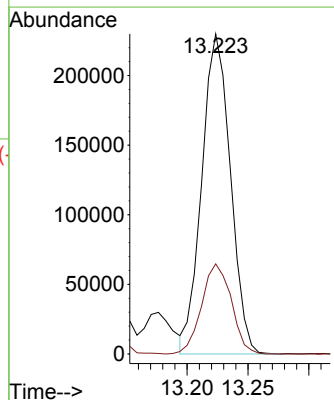
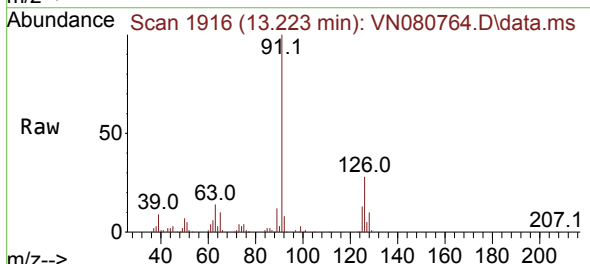
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

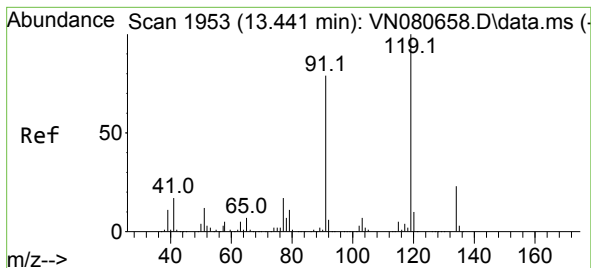
Tgt Ion: 75 Resp: 73402
Ion Ratio Lower Upper
75 100
53 94.5 67.4 101.2
89 35.5 38.8 58.2#



#82
4-Chlorotoluene
Concen: 52.967 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 91 Resp: 376223
Ion Ratio Lower Upper
91 100
126 29.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 53.941 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

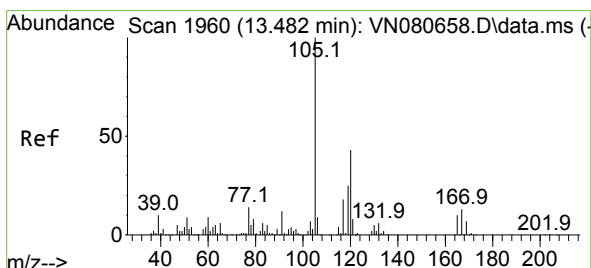
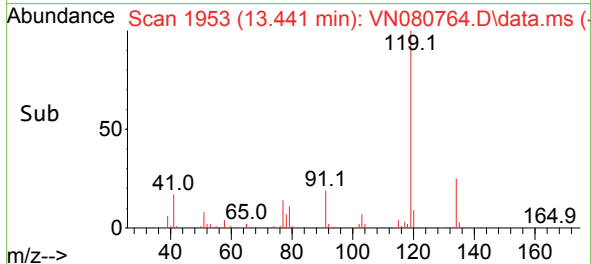
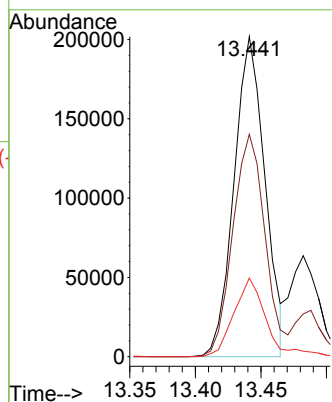
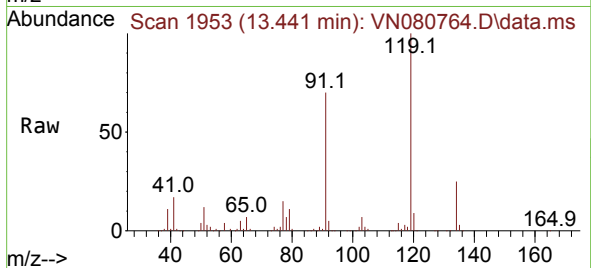
Tgt Ion:119 Resp: 331209

Ion Ratio Lower Upper

119 100

91 72.8 33.9 101.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.042 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080764.D

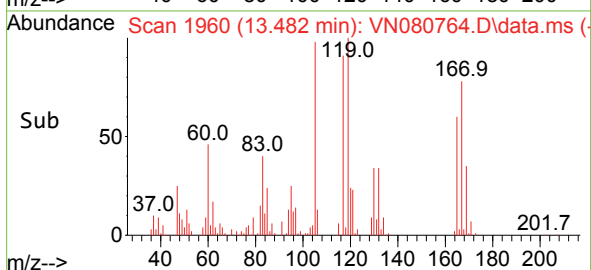
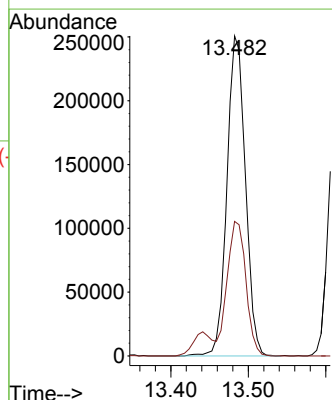
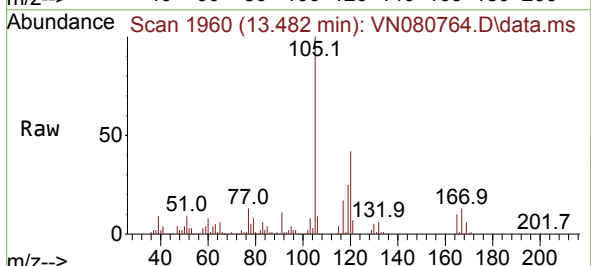
Acq: 26 Jan 2024 10:17

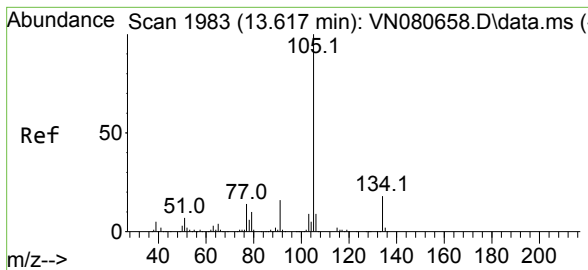
Tgt Ion:105 Resp: 415709

Ion Ratio Lower Upper

105 100

120 42.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 56.175 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

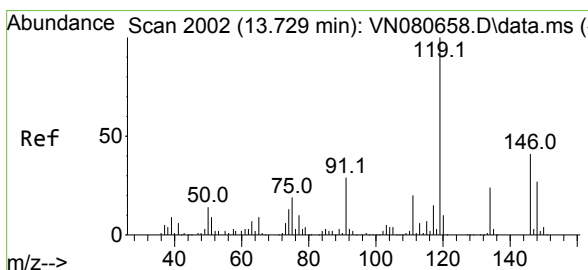
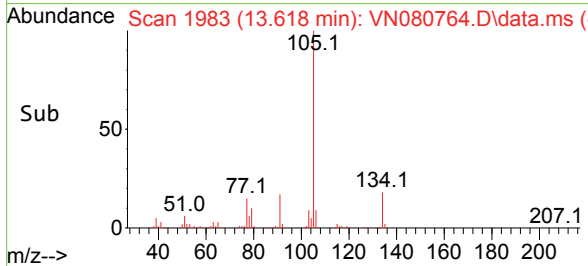
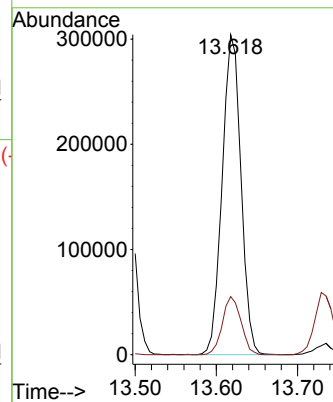
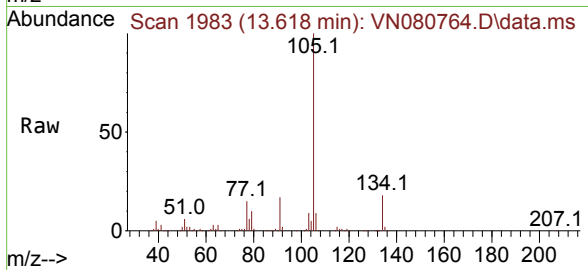
VSTDCCC050

Tgt Ion:105 Resp: 490092

Ion Ratio Lower Upper

105 100

134 17.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.929 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

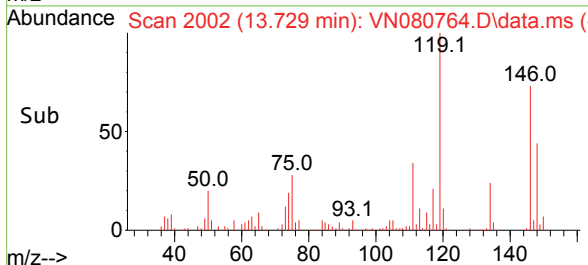
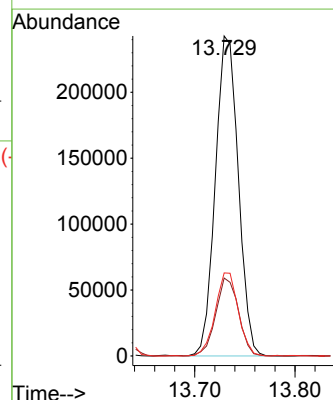
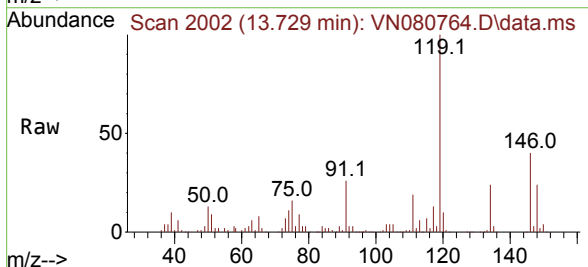
Tgt Ion:119 Resp: 385366

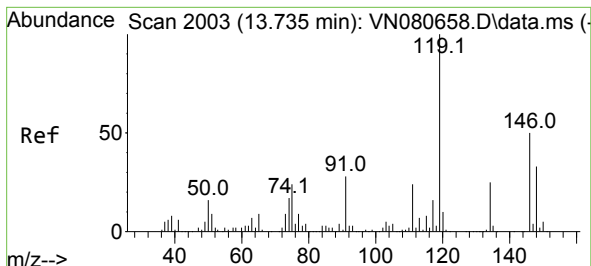
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.791 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

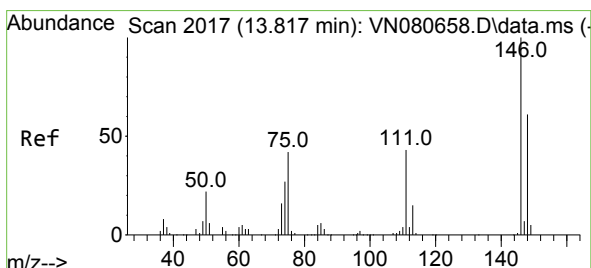
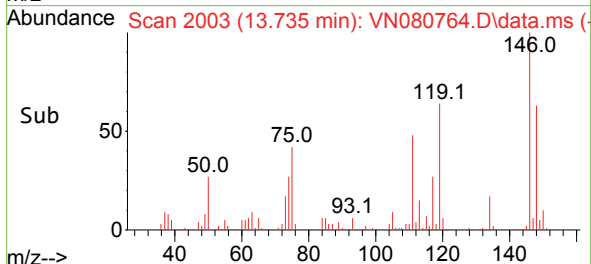
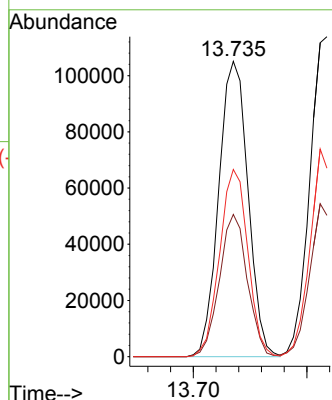
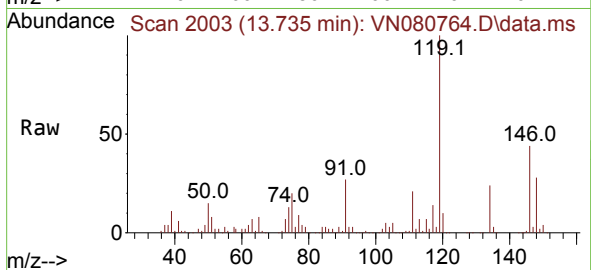
Tgt Ion:146 Resp: 188073

Ion Ratio Lower Upper

146 100

111 46.1 22.1 66.3

148 61.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 55.064 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

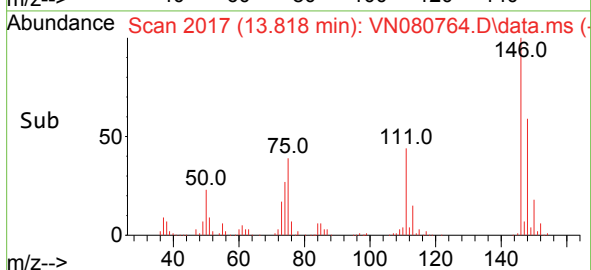
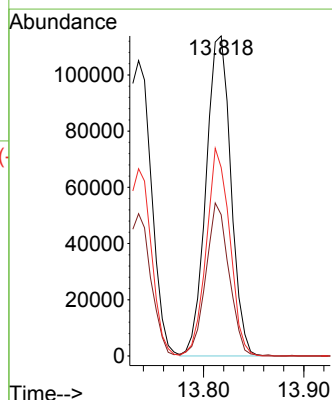
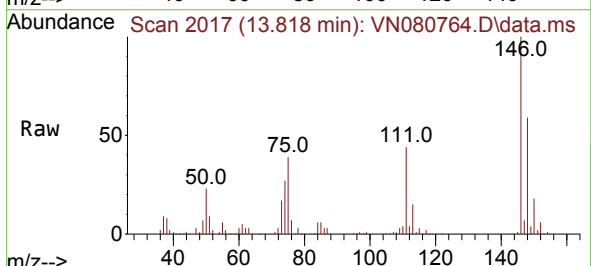
Tgt Ion:146 Resp: 196133

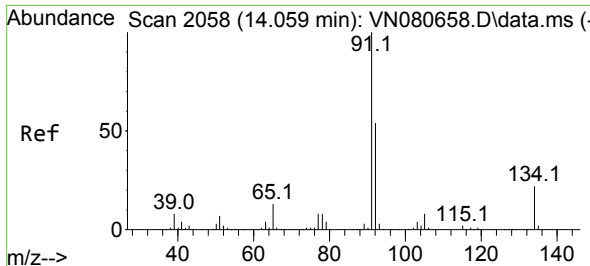
Ion Ratio Lower Upper

146 100

111 44.9 20.6 61.8

148 61.2 31.6 94.8

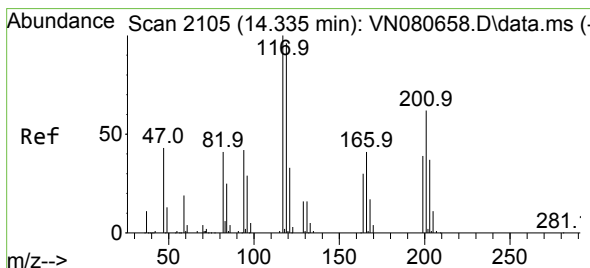
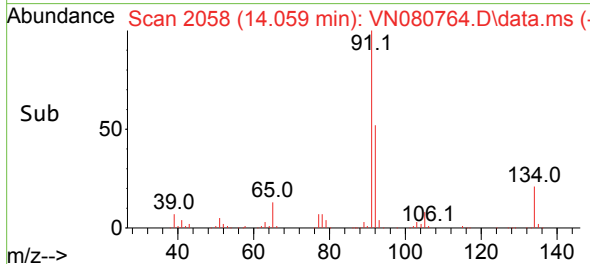
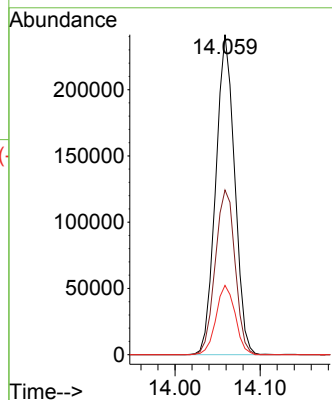
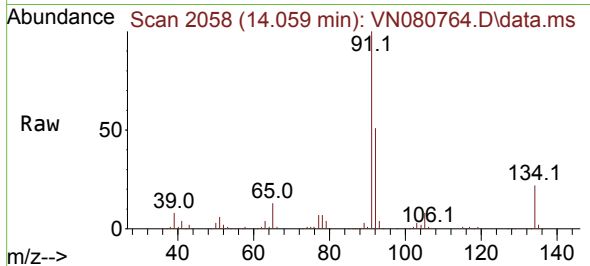




#89
n-Butylbenzene
Concen: 56.139 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

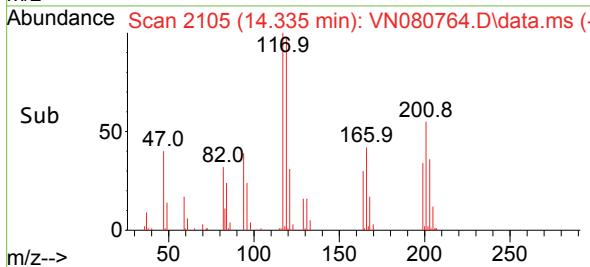
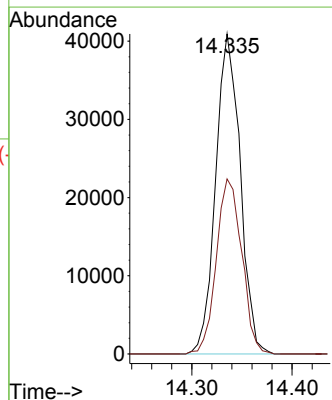
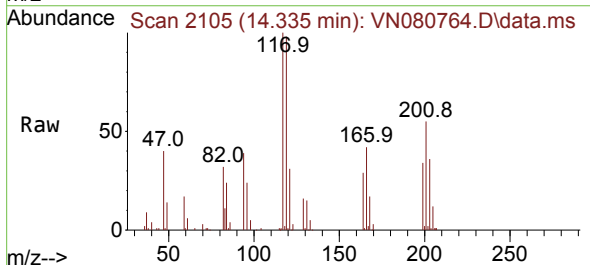
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

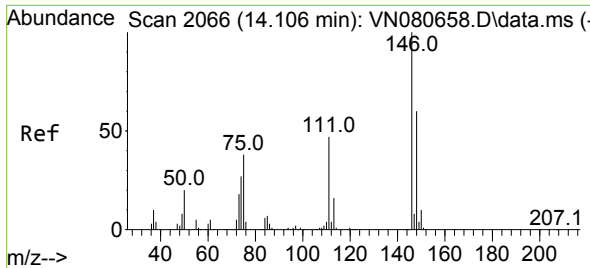
Tgt Ion: 91 Resp: 372849
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 22.0 12.6 37.6



#90
Hexachloroethane
Concen: 54.490 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 117 Resp: 69628
Ion Ratio Lower Upper
117 100
201 56.6 29.3 88.0

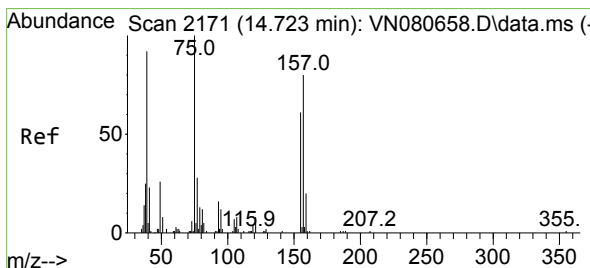
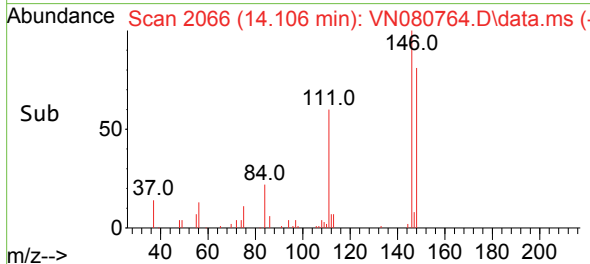
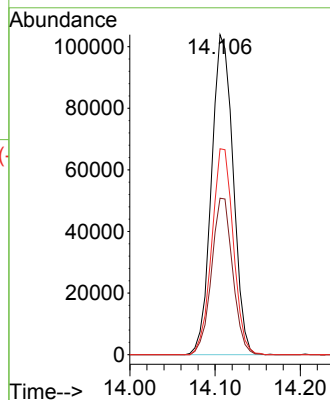
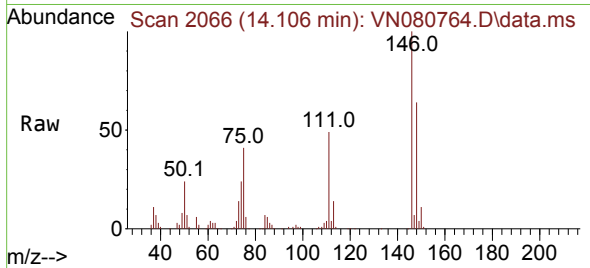




#91
1,2-Dichlorobenzene
Concen: 55.653 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

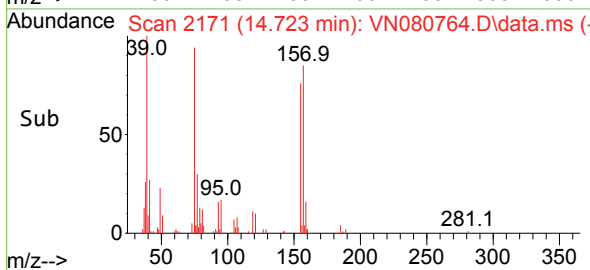
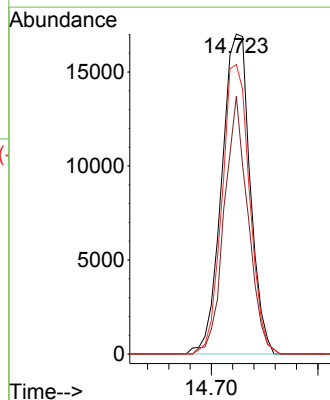
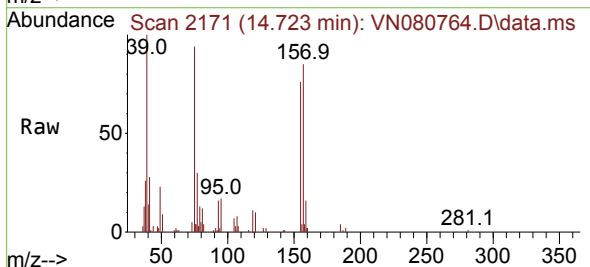
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

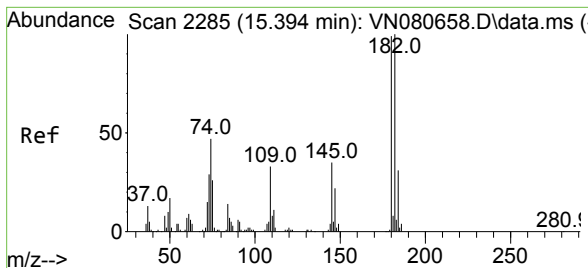
Tgt Ion:146 Resp: 183358
Ion Ratio Lower Upper
146 100
111 47.7 22.0 66.0
148 64.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.515 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080764.D
Acq: 26 Jan 2024 10:17

Tgt Ion: 75 Resp: 31517
Ion Ratio Lower Upper
75 100
155 67.2 39.1 117.2
157 87.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 55.212 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

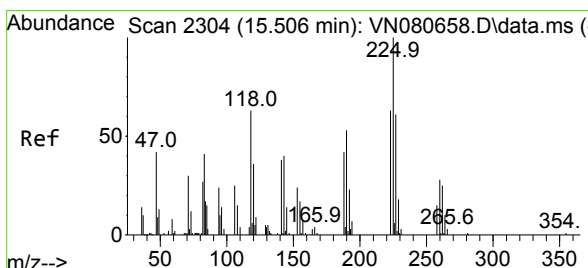
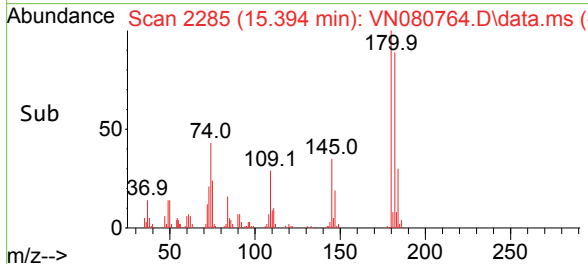
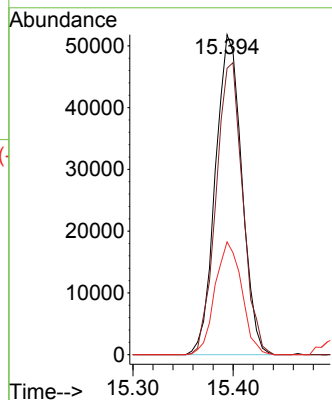
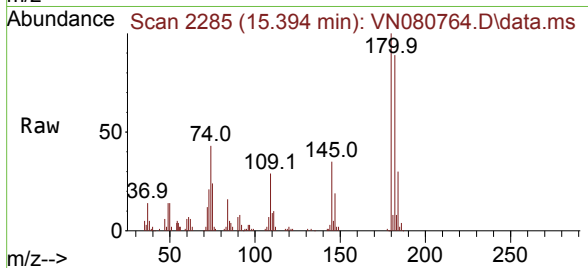
Tgt Ion:180 Resp: 94737

Ion Ratio Lower Upper

180 100

182 92.1 46.1 138.2

145 35.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 47.110 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN080764.D

Acq: 26 Jan 2024 10:17

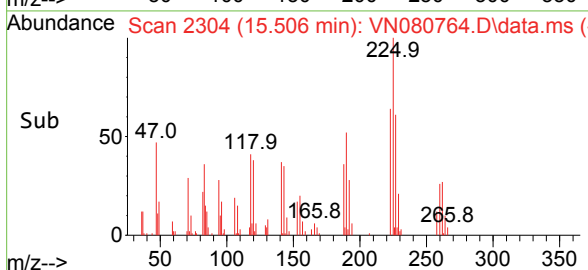
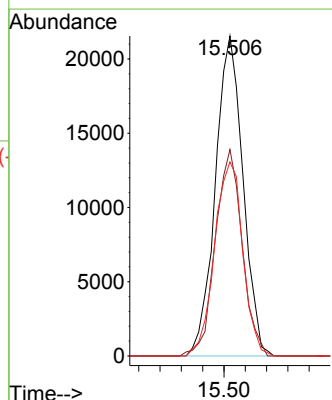
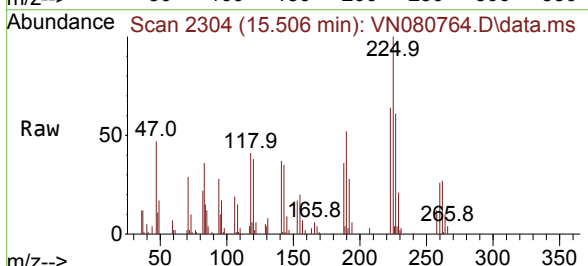
Tgt Ion:225 Resp: 38793

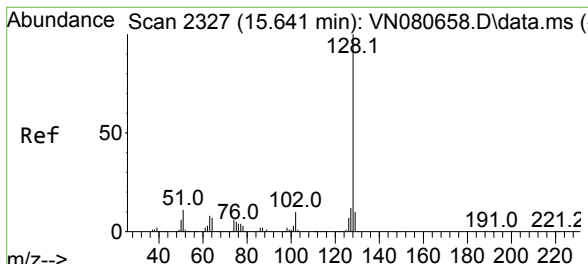
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 61.9 31.9 95.9



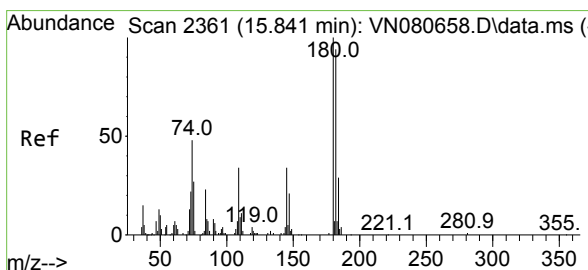
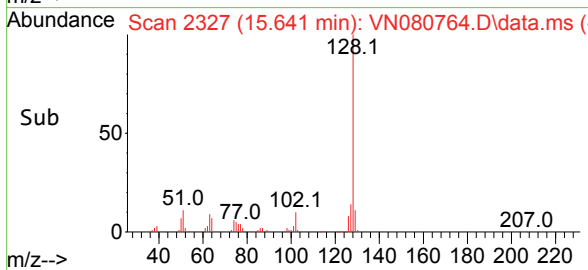
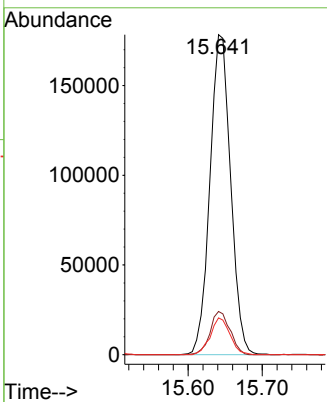
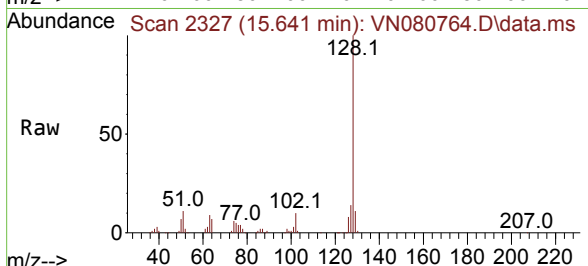


#95
 Naphthalene
 Concen: 51.179 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:128 Resp: 345608

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 54.565 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.006 min
 Lab File: VN080764.D
 Acq: 26 Jan 2024 10:17

Tgt Ion:180 Resp: 90625

Ion	Ratio	Lower	Upper
180	100		
182	92.2	46.2	138.6
145	34.6	17.5	52.6

