

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080870.D
 Acq On : 01 Feb 2024 17:15
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 02 03:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	109864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	194630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98397	51.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.540%
35) Dibromofluoromethane	8.165	113	66789	48.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	10.565	98	277514	51.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.853	95	102355	54.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	74762	45.815	ug/l	93
3) Chloromethane	2.360	50	120679	49.198	ug/l	98
4) Vinyl Chloride	2.512	62	94964	50.923	ug/l	96
5) Bromomethane	2.930	94	37981	50.919	ug/l	98
6) Chloroethane	3.101	64	54235	54.550	ug/l	95
7) Trichlorofluoromethane	3.489	101	111843	46.340	ug/l	97
8) Diethyl Ether	3.959	74	56781	50.999	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	65625	46.629	ug/l	98
10) Methyl Iodide	4.583	142	52950	44.568	ug/l	97
11) Tert butyl alcohol	5.518	59	75591	243.982	ug/l #	89
12) 1,1-Dichloroethene	4.336	96	71287	46.227	ug/l	92
13) Acrolein	4.171	56	93856	240.225	ug/l	100
14) Allyl chloride	5.018	41	148097	48.586	ug/l	99
15) Acrylonitrile	5.712	53	237123	254.481	ug/l	98
16) Acetone	4.424	43	168970	245.132	ug/l	93
17) Carbon Disulfide	4.712	76	211900	44.137	ug/l	97
18) Methyl Acetate	5.018	43	126848	52.803	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	273162	50.271	ug/l	96
20) Methylene Chloride	5.271	84	87041	48.104	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	77641	46.342	ug/l	96
22) Diisopropyl ether	6.671	45	355576	52.870	ug/l	98
23) Vinyl Acetate	6.600	43	1479826	304.098	ug/l	99
24) 1,1-Dichloroethane	6.565	63	198876	58.306	ug/l	98
25) 2-Butanone	7.483	43	319450	243.991	ug/l	92
26) 2,2-Dichloropropane	7.489	77	135282	49.071	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	93703	48.316	ug/l	98
28) Bromochloromethane	7.812	49	92201	51.057	ug/l	97
29) Tetrahydrofuran	7.841	42	223190	251.927	ug/l	97
30) Chloroform	7.965	83	158279	49.949	ug/l	95
31) Cyclohexane	8.253	56	143718	44.097	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	126140	49.088	ug/l	98
36) 1,1-Dichloropropene	8.371	75	122746	48.214	ug/l	96
37) Ethyl Acetate	7.559	43	133559	50.961	ug/l	100
38) Carbon Tetrachloride	8.359	117	98267	47.906	ug/l	97
39) Methylcyclohexane	9.594	83	117609	46.477	ug/l	97
40) Benzene	8.606	78	379120	50.667	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74608	48.301	ug/l	97
42) 1,2-Dichloroethane	8.665	62	129904	53.289	ug/l	98
43) Isopropyl Acetate	8.688	43	247057	51.777	ug/l	96
44) Trichloroethene	9.353	130	74045	44.928	ug/l	91
45) 1,2-Dichloropropane	9.618	63	108563	53.613	ug/l	98
46) Dibromomethane	9.706	93	59947	49.940	ug/l	98
47) Bromodichloromethane	9.888	83	121793	49.974	ug/l #	97
48) Methyl methacrylate	9.683	41	107205	46.345	ug/l	97
49) 1,4-Dioxane	9.694	88	31752	1139.545	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	691217	259.137	ug/l	98
52) Toluene	10.630	92	219573	51.180	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	147219	51.854	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	161240	52.225	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86286	52.333	ug/l	94
56) Ethyl methacrylate	10.877	69	142531	56.234	ug/l	98
57) 1,3-Dichloropropane	11.165	76	155447	50.096	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	401489	271.720	ug/l	99
59) 2-Hexanone	11.194	43	506042	244.235	ug/l	98
60) Dibromochloromethane	11.359	129	78344	51.085	ug/l	98
61) 1,2-Dibromoethane	11.465	107	80349	51.999	ug/l	97
64) Tetrachloroethene	11.106	164	56337	44.038	ug/l	98
65) Chlorobenzene	11.894	112	207781	48.915	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	79304	57.412	ug/l	98
67) Ethyl Benzene	11.965	91	436070	55.234	ug/l	99
68) m/p-Xylenes	12.071	106	280873	100.176	ug/l	88
69) o-Xylene	12.400	106	138110	49.573	ug/l	91
70) Styrene	12.412	104	233555	52.199	ug/l	94
71) Bromoform	12.576	173	51652	55.303	ug/l #	97
73) Isopropylbenzene	12.694	105	350052	48.229	ug/l	100
74) N-amyl acetate	12.494	43	222937	49.472	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	113501	44.456	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	162884	68.140	ug/l	64
77) Bromobenzene	12.976	156	72646	46.822	ug/l	92
78) n-propylbenzene	13.035	91	436989	50.397	ug/l	98
79) 2-Chlorotoluene	13.124	91	276728	50.213	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	296742	51.336	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	41074	44.266	ug/l #	77
82) 4-Chlorotoluene	13.224	91	272792	49.989	ug/l	95
83) tert-Butylbenzene	13.441	119	229126	49.637	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	298940	51.044	ug/l	98
85) sec-Butylbenzene	13.618	105	331756	48.749	ug/l	98
86) p-Isopropyltoluene	13.729	119	272538	51.534	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	132328	47.683	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	135290	48.626	ug/l	97
89) n-Butylbenzene	14.059	91	254656	49.206	ug/l	100
90) Hexachloroethane	14.335	117	48077	51.953	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	127519	50.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26110	54.713	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	65922	50.425	ug/l	98
94) Hexachlorobutadiene	15.500	225	26853	47.016	ug/l	95
95) Naphthalene	15.647	128	237109	47.398	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59518	46.317	ug/l	96

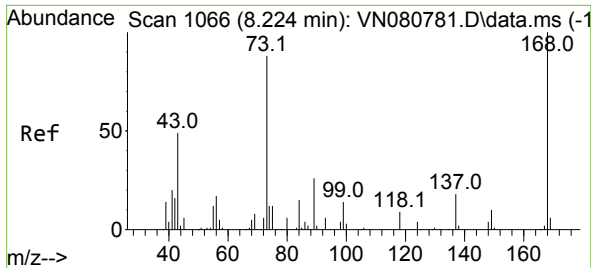
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
Data File : VN080870.D
Acq On : 01 Feb 2024 17:15
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 02 03:44:21 2024
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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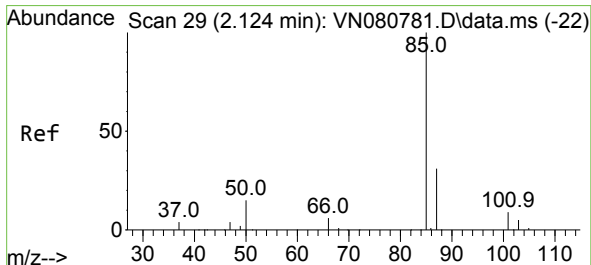
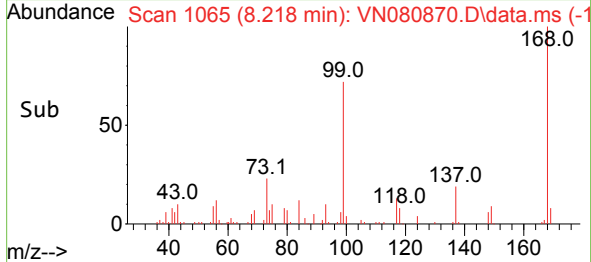
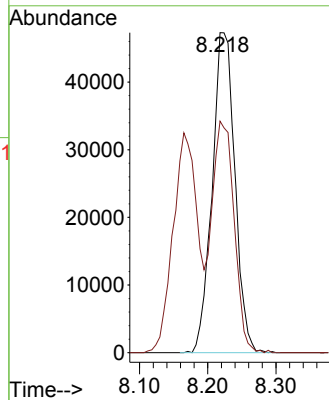
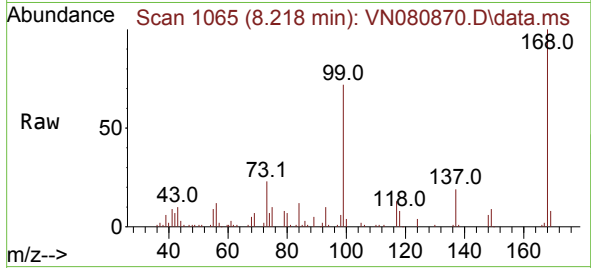
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

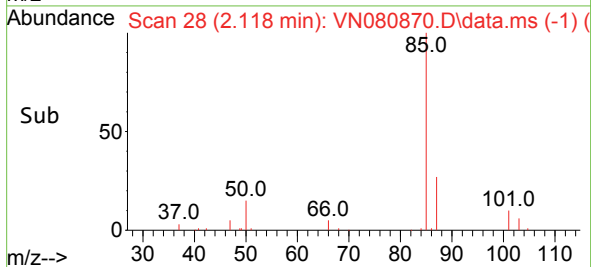
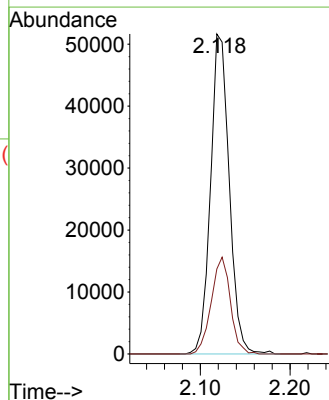
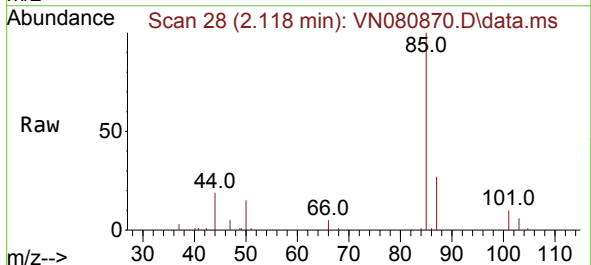
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ClientSampleId :
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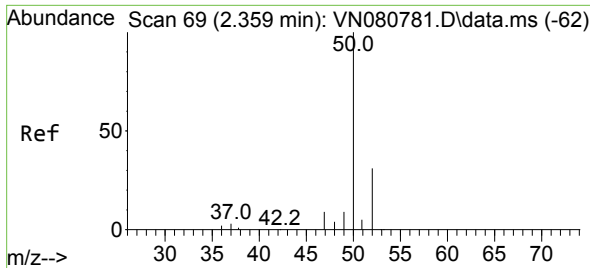
Tgt Ion:168 Resp: 109864
Ion Ratio Lower Upper
168 100
99 72.3 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 45.815 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 85 Resp: 74762
Ion Ratio Lower Upper
85 100
87 26.5 15.3 45.9

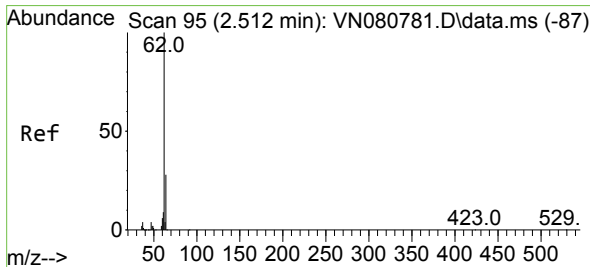
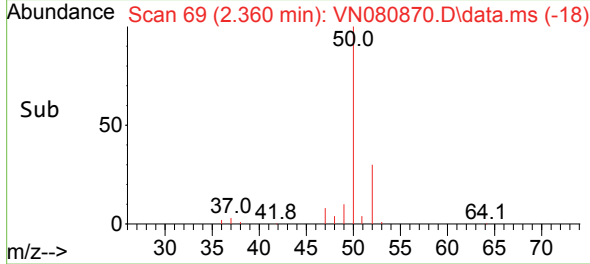
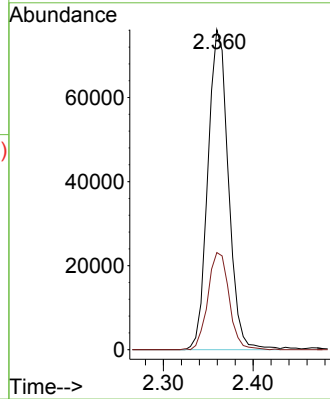
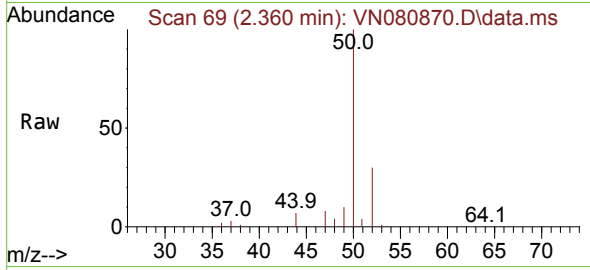




#3
Chloromethane
Concen: 49.198 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

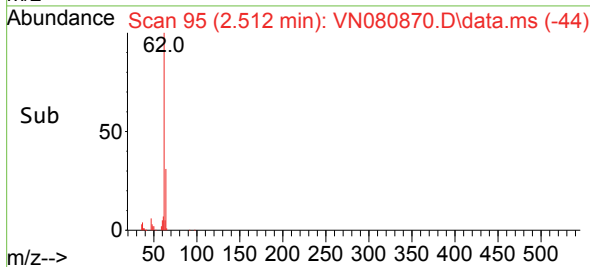
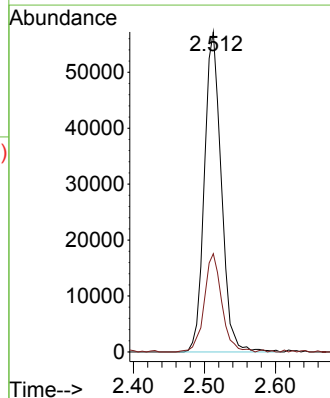
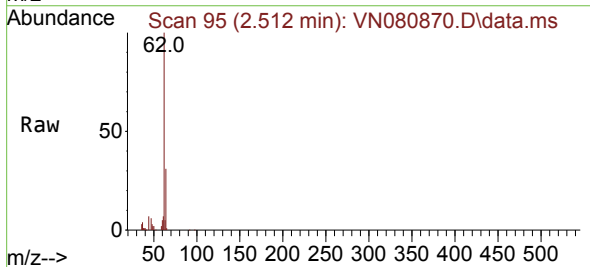
Instrument :
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ClientSampleId :
VSTDCCC050EC

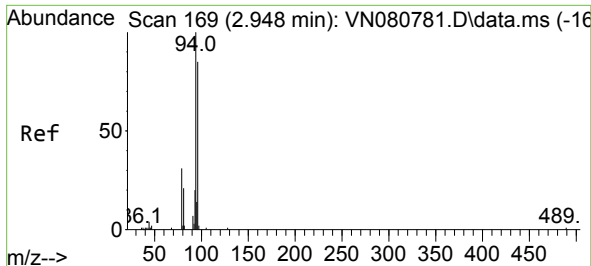
Tgt Ion: 50 Resp: 120679
Ion Ratio Lower Upper
50 100
52 30.3 25.0 37.4



#4
Vinyl Chloride
Concen: 50.923 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 62 Resp: 94964
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1

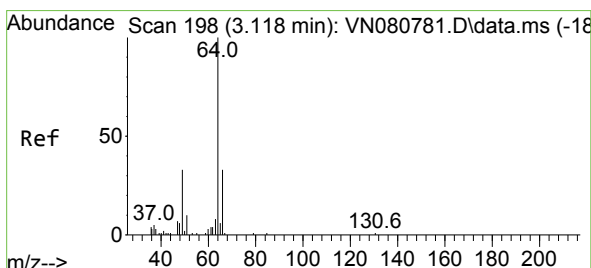
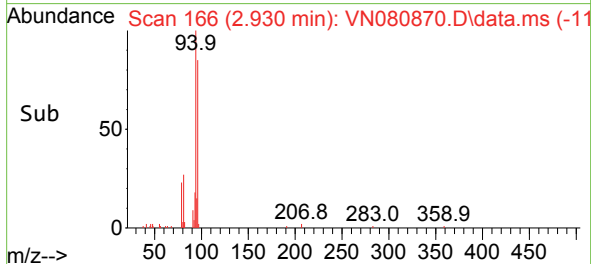
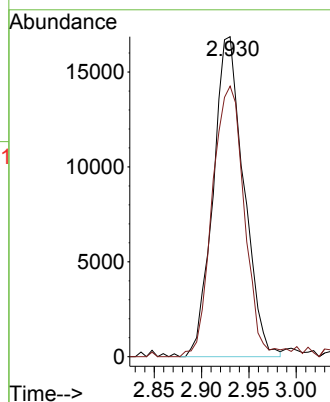
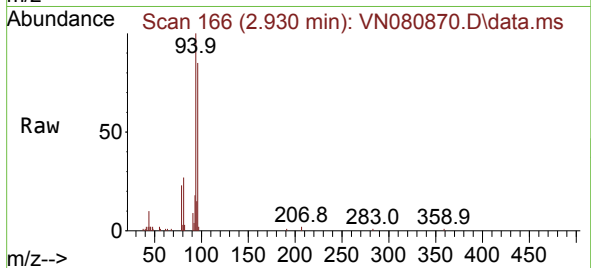




#5
Bromomethane
Concen: 50.919 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

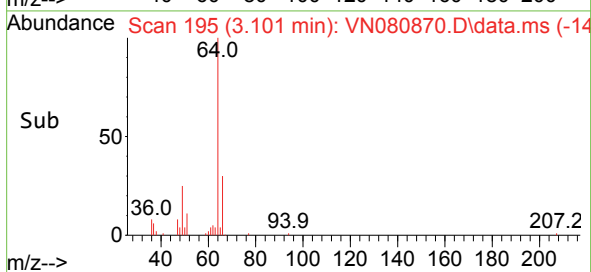
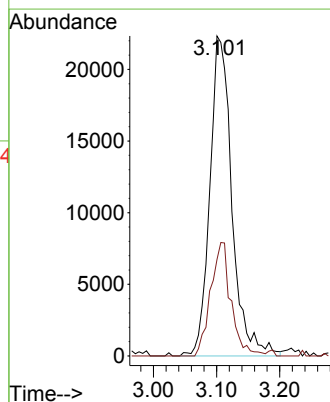
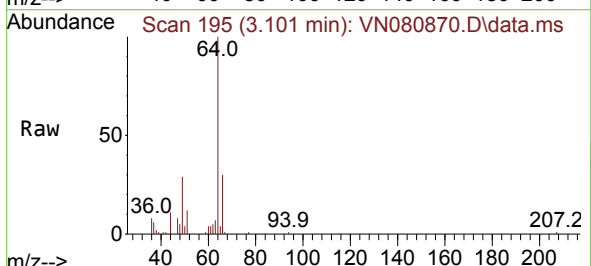
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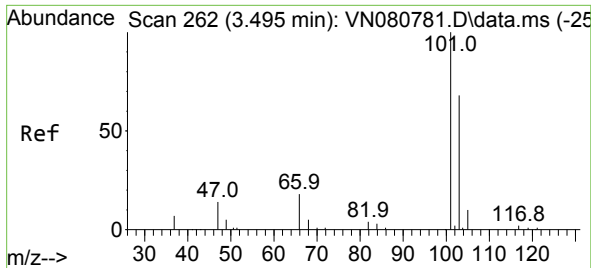
Tgt Ion: 94 Resp: 37981
Ion Ratio Lower Upper
94 100
96 84.5 69.2 103.8



#6
Chloroethane
Concen: 54.550 ug/l
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 64 Resp: 54235
Ion Ratio Lower Upper
64 100
66 30.2 26.4 39.6

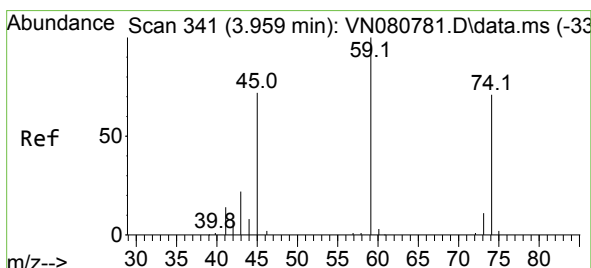
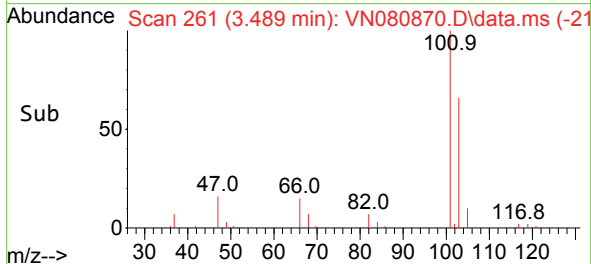
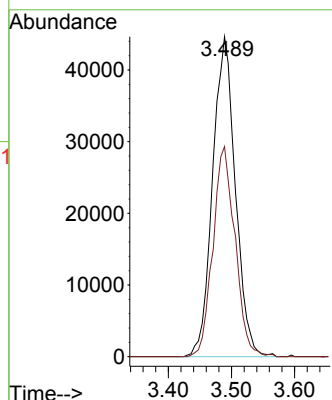
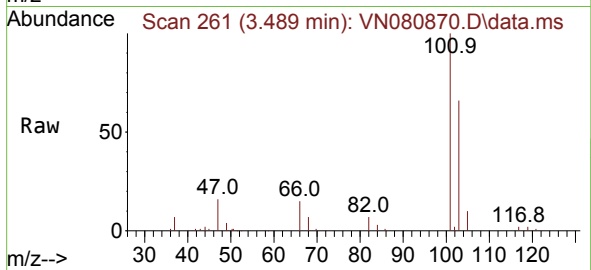




#7
Trichlorofluoromethane
Concen: 46.340 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

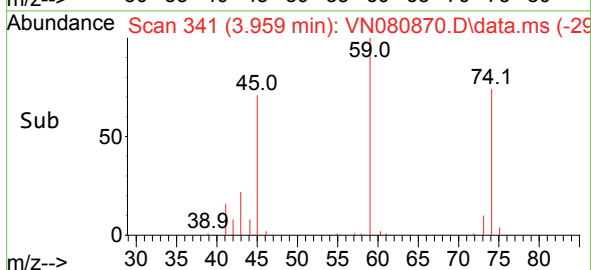
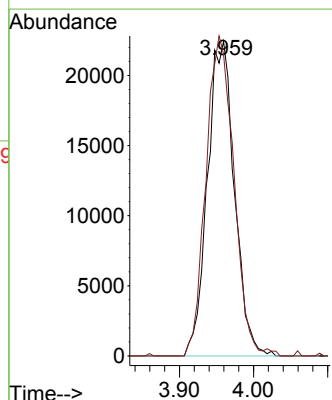
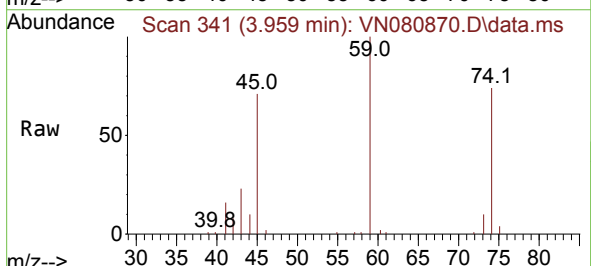
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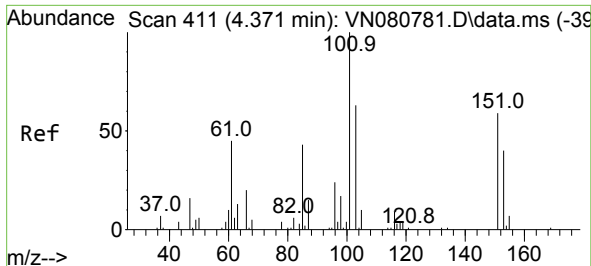
Tgt Ion:101 Resp: 111843
Ion Ratio Lower Upper
101 100
103 65.7 54.4 81.6



#8
Diethyl Ether
Concen: 50.999 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 74 Resp: 56781
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.9

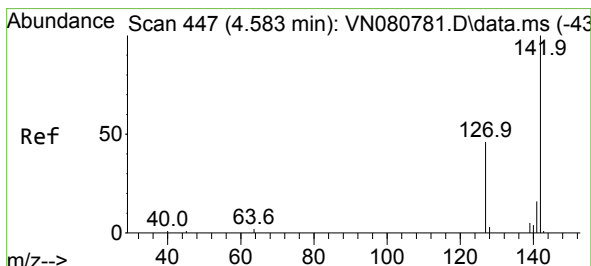
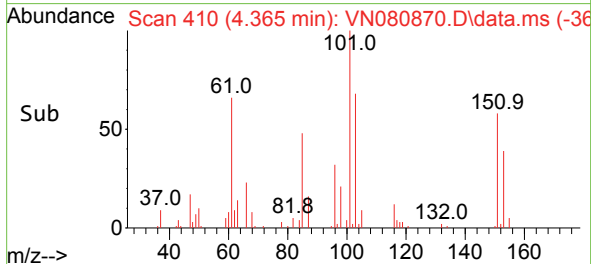
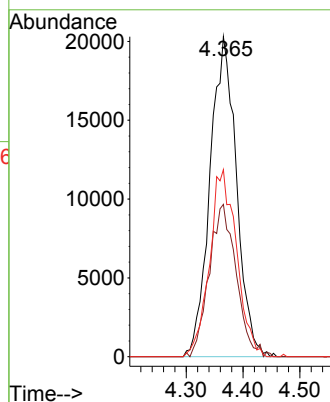
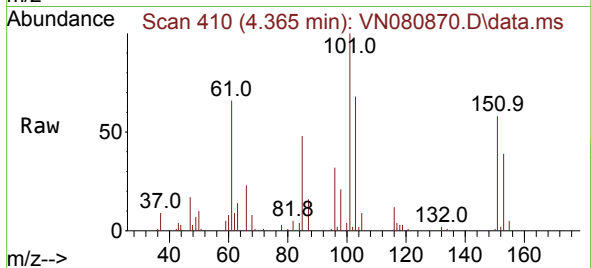




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.629 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

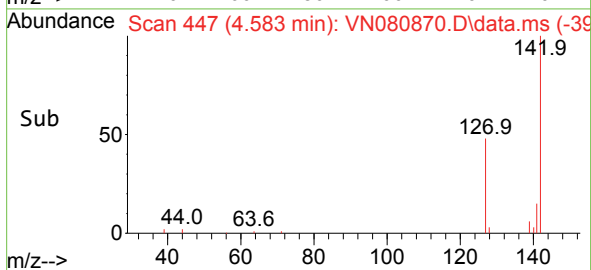
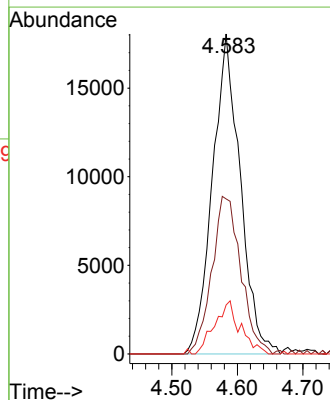
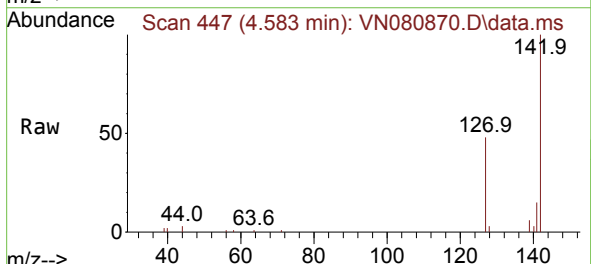
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

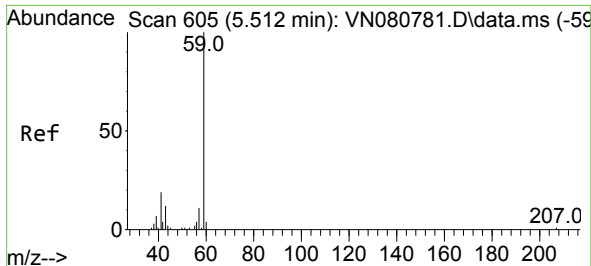
Tgt Ion:101 Resp: 65625
Ion Ratio Lower Upper
101 100
85 48.7 38.1 57.1
151 59.5 49.1 73.7



#10
Methyl Iodide
Concen: 44.568 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:142 Resp: 52950
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 15.3 12.5 18.7

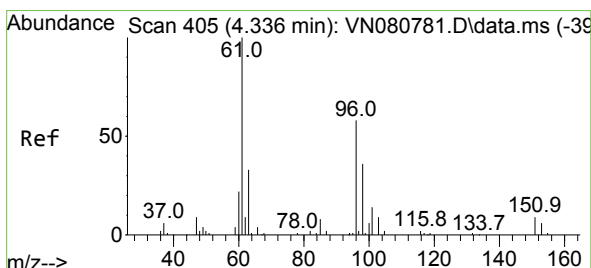
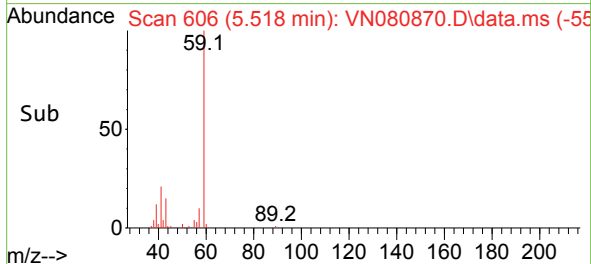
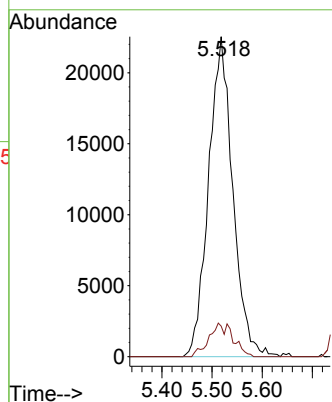
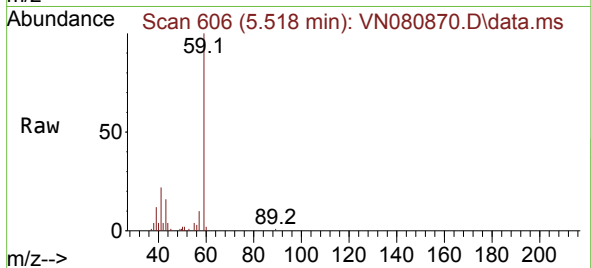




#11
Tert butyl alcohol
Concen: 243.982 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

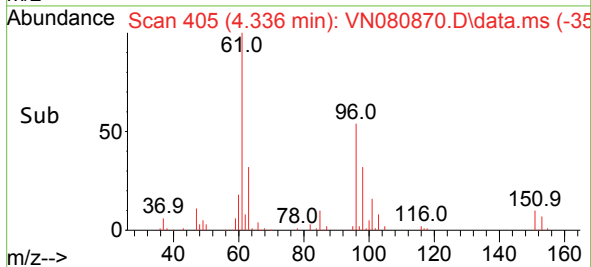
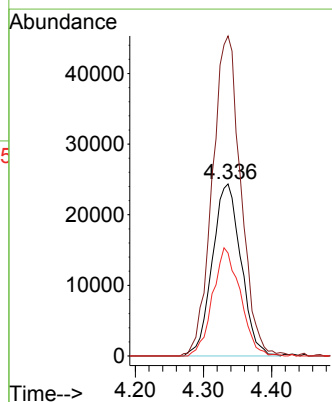
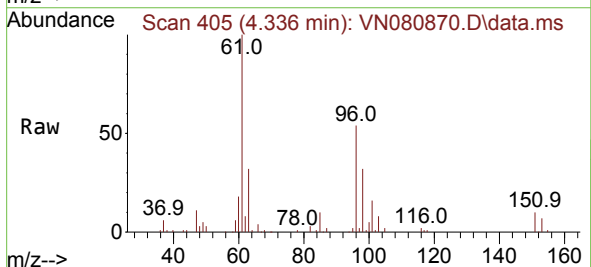
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

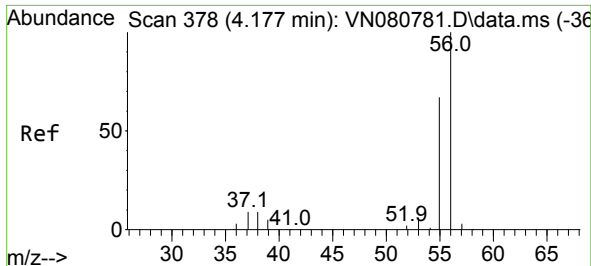
Tgt Ion: 59 Resp: 75591
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 46.227 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 96 Resp: 71287
Ion Ratio Lower Upper
96 100
61 186.1 138.2 207.4
98 59.8 49.2 73.8

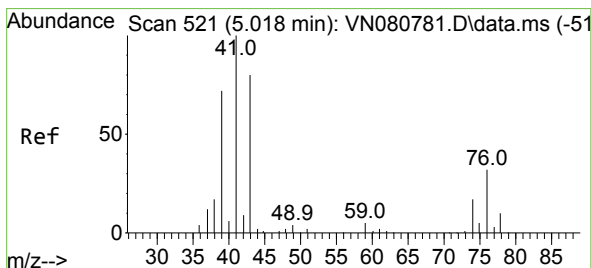
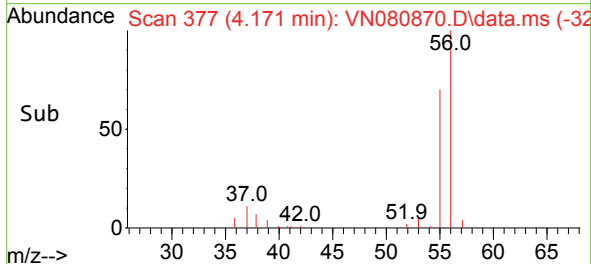
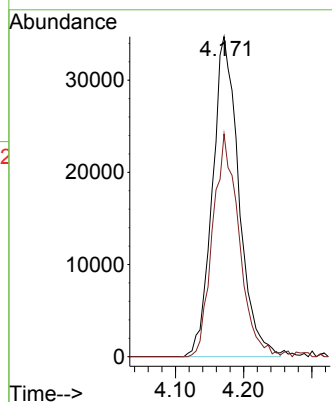
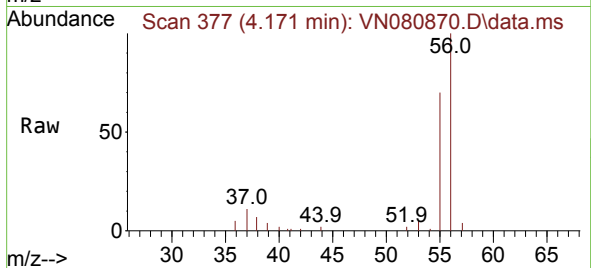




#13
Acrolein
Concen: 240.225 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

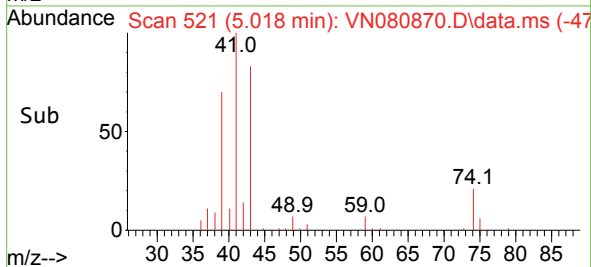
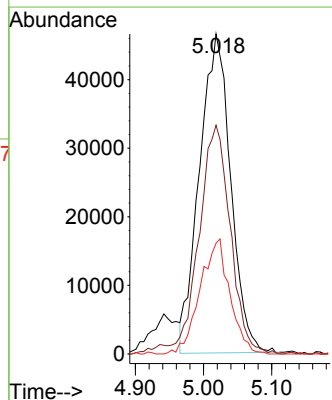
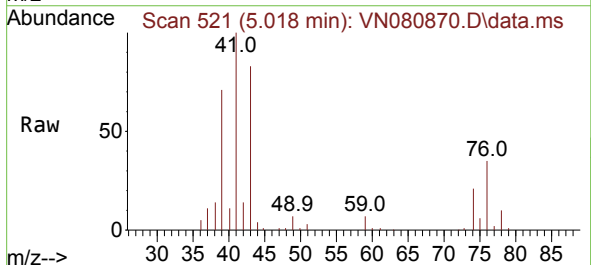
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

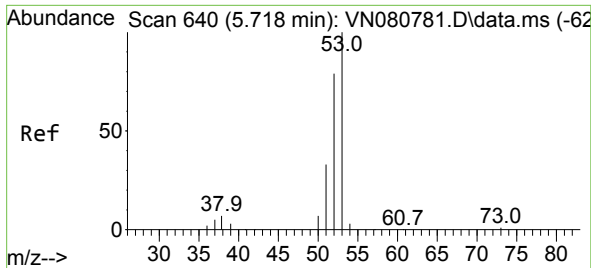
Tgt Ion: 56 Resp: 93856
Ion Ratio Lower Upper
56 100
55 69.0 55.3 82.9



#14
Allyl chloride
Concen: 48.586 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 41 Resp: 148097
Ion Ratio Lower Upper
41 100
39 73.1 57.7 86.5
76 34.4 26.8 40.2

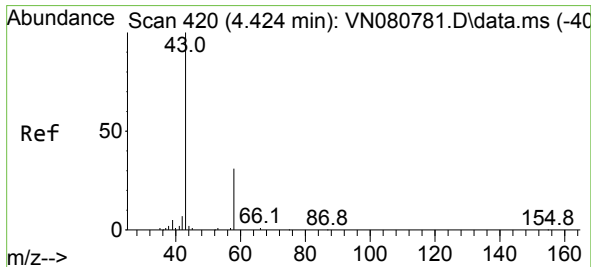
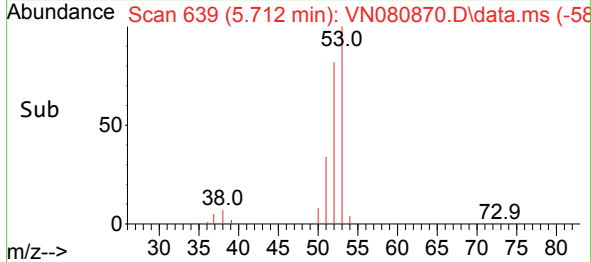
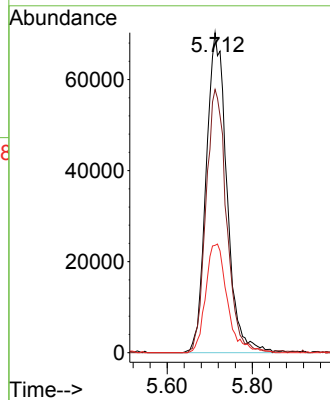
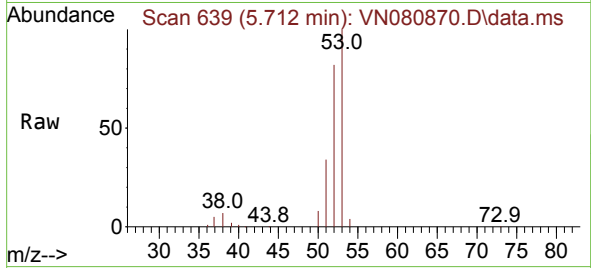




#15
Acrylonitrile
Concen: 254.481 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

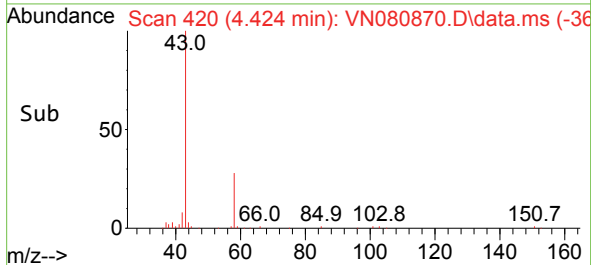
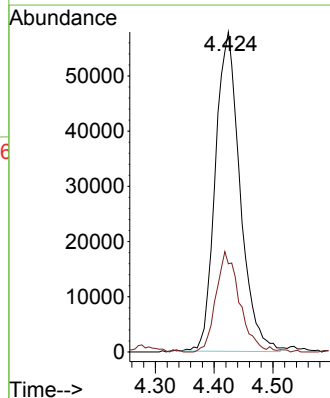
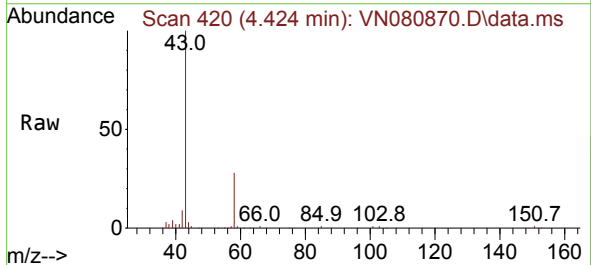
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

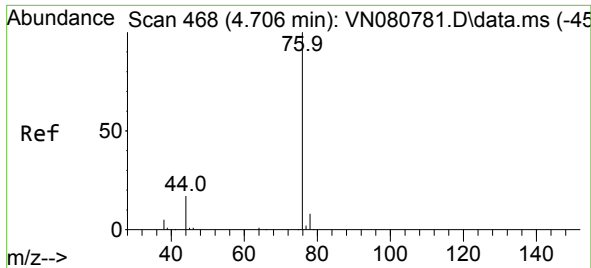
Tgt Ion: 53 Resp: 237123
Ion Ratio Lower Upper
53 100
52 81.8 64.8 97.2
51 35.6 26.9 40.3



#16
Acetone
Concen: 245.132 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 43 Resp: 168970
Ion Ratio Lower Upper
43 100
58 27.2 24.8 37.2

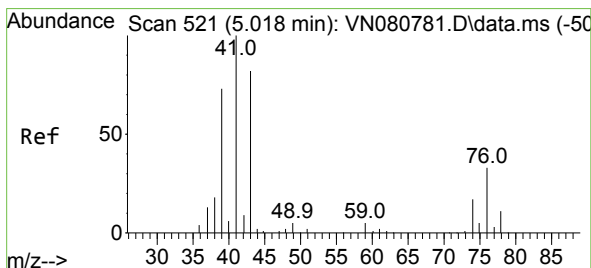
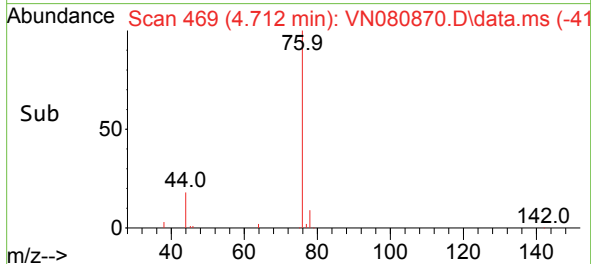
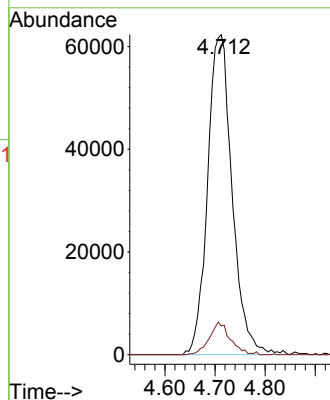
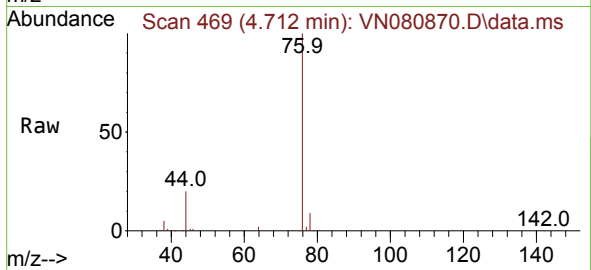




#17
Carbon Disulfide
Concen: 44.137 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

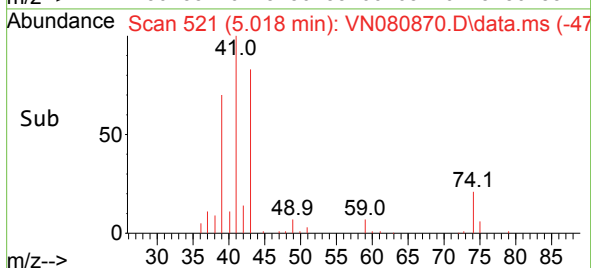
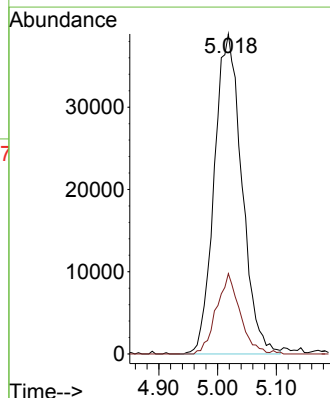
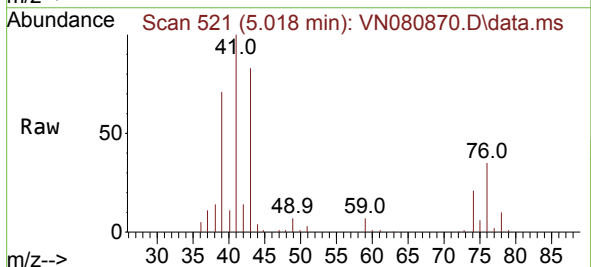
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

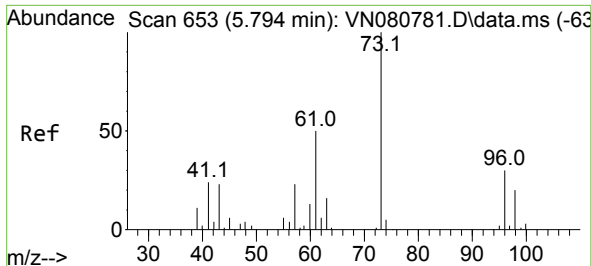
Tgt Ion: 76 Resp: 211900
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



#18
Methyl Acetate
Concen: 52.803 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 43 Resp: 126848
Ion Ratio Lower Upper
43 100
74 21.4 17.3 25.9

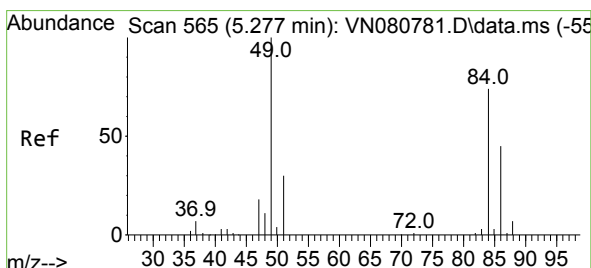
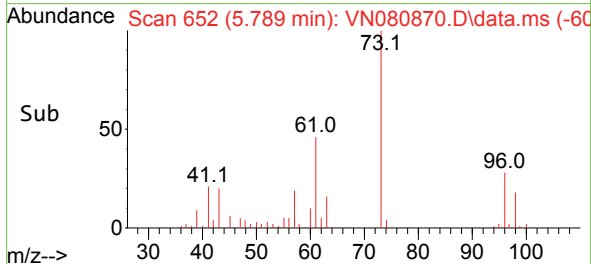
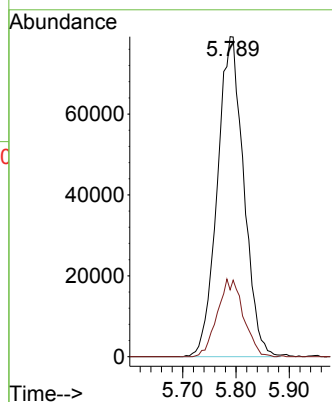
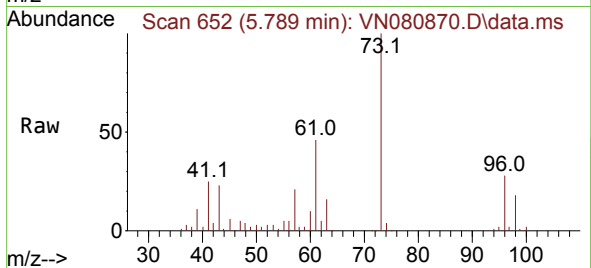




#19
Methyl tert-butyl Ether
Concen: 50.271 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

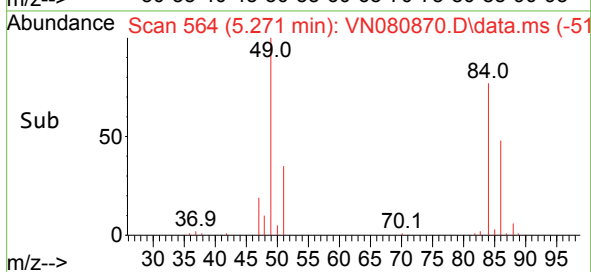
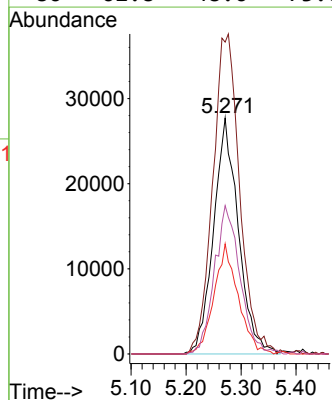
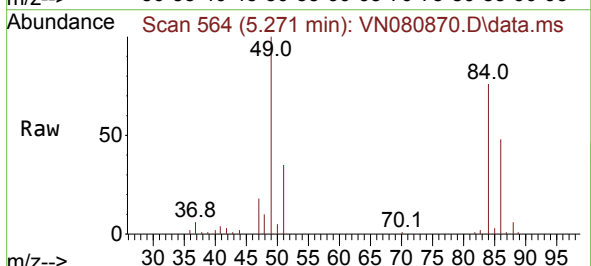
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

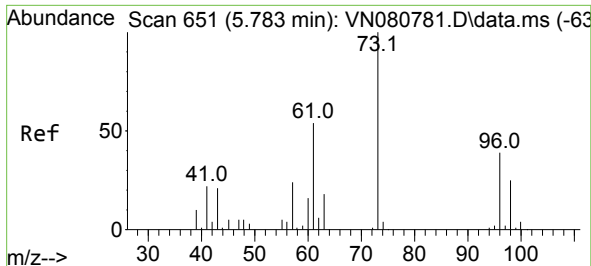
Tgt Ion: 73 Resp: 273162
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#20
Methylene Chloride
Concen: 48.104 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 84 Resp: 87041
Ion Ratio Lower Upper
84 100
49 132.1 108.1 162.1
51 46.7 32.9 49.3
86 62.8 48.6 73.0

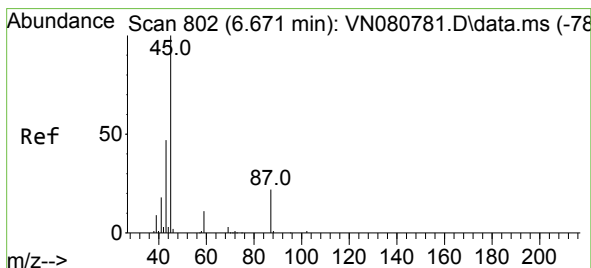
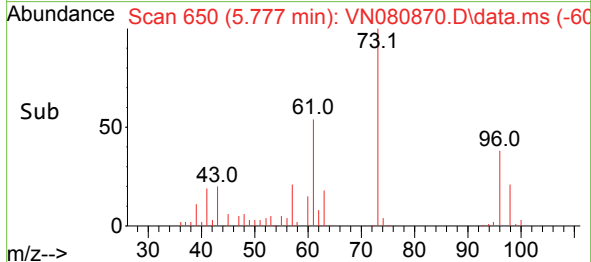
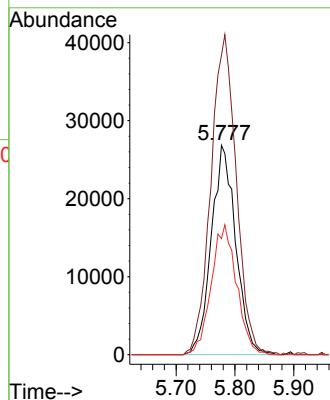
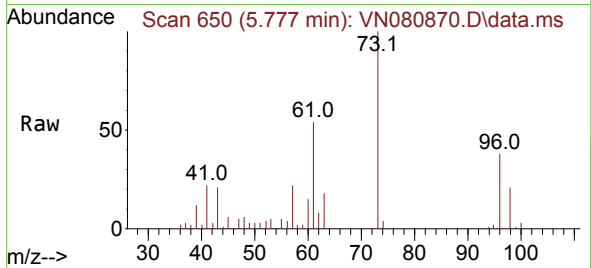




#21
trans-1,2-Dichloroethene
Concen: 46.342 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

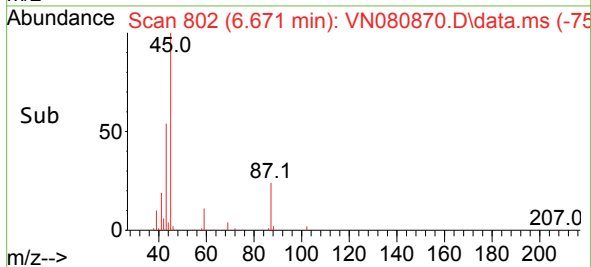
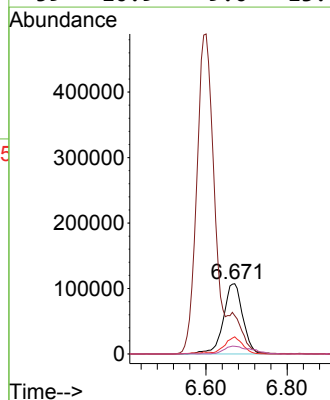
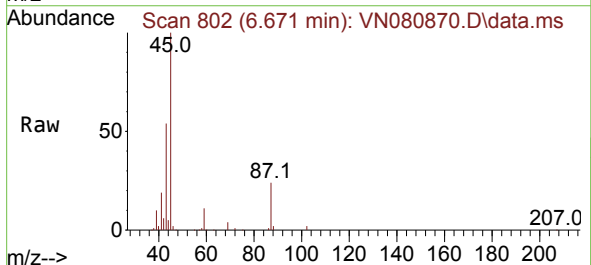
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

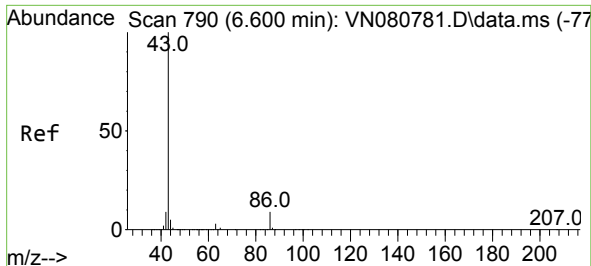
Tgt Ion: 96 Resp: 77641
Ion Ratio Lower Upper
96 100
61 142.9 112.8 169.2
98 55.4 51.0 76.4



#22
Diisopropyl ether
Concen: 52.870 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 45 Resp: 355576
Ion Ratio Lower Upper
45 100
43 53.7 41.8 62.8
87 24.3 18.1 27.1
59 10.9 9.0 13.6

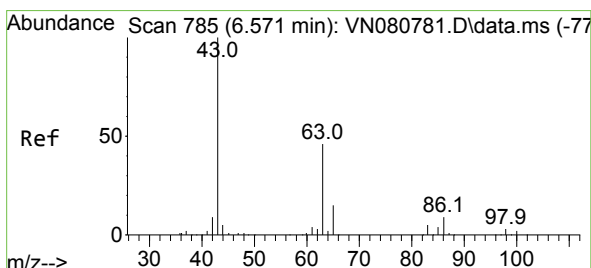
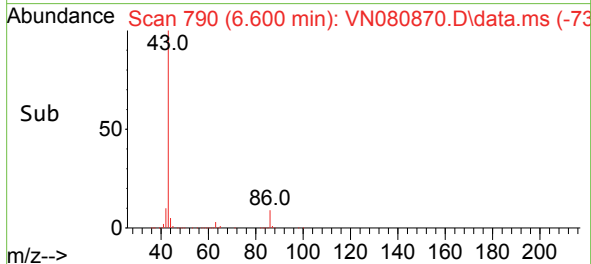
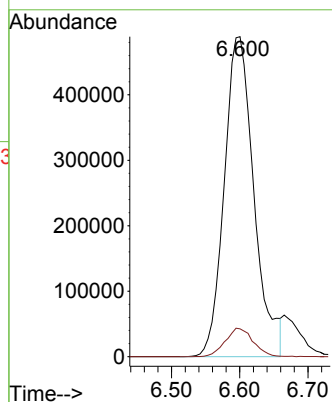
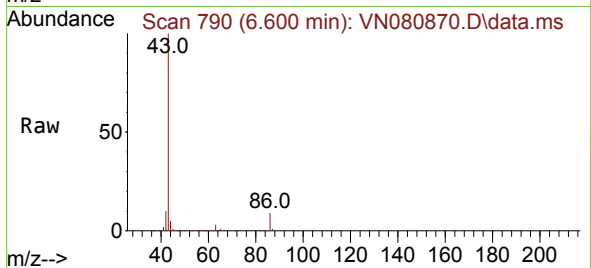




#23
 Vinyl Acetate
 Concen: 304.098 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

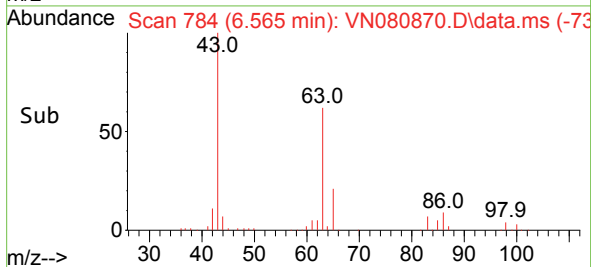
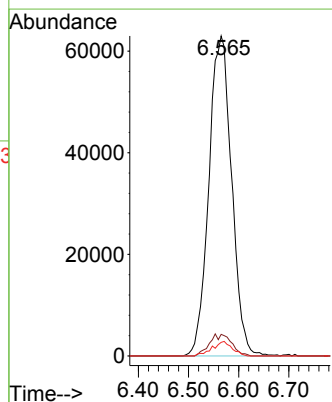
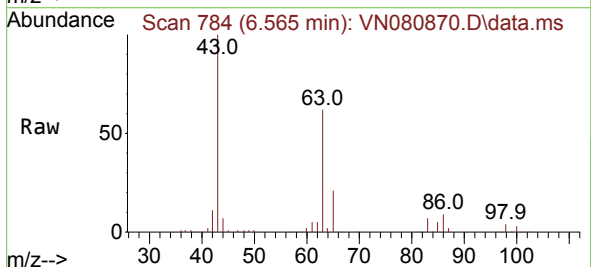
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

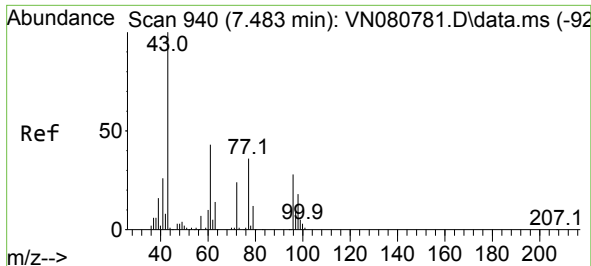
Tgt Ion: 43 Resp: 1479826
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 58.306 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

Tgt Ion: 63 Resp: 198876
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 4.2 1.9 5.7

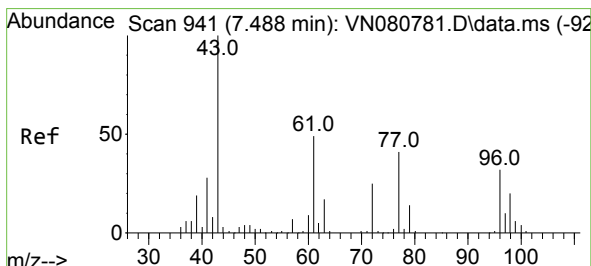
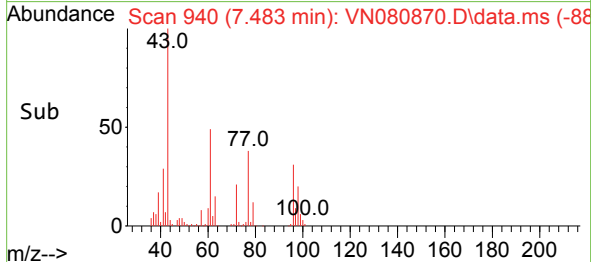
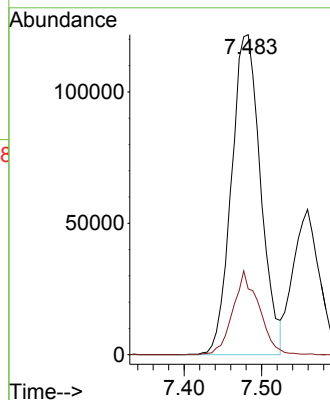
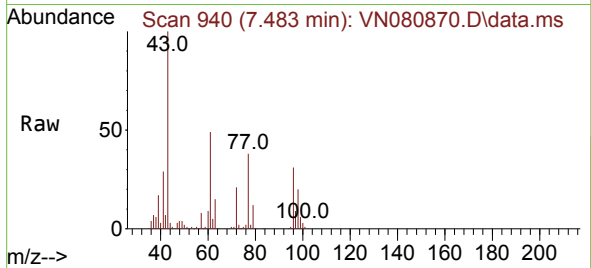




#25
2-Butanone
Concen: 243.991 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

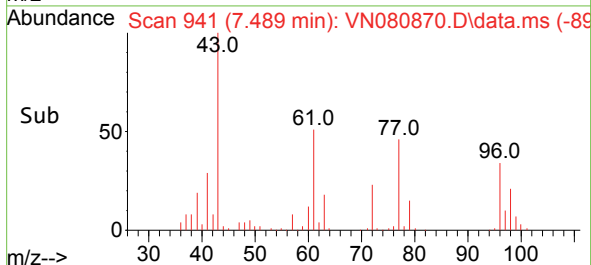
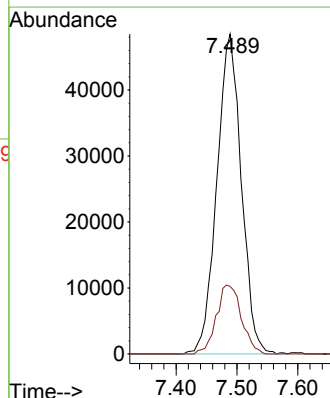
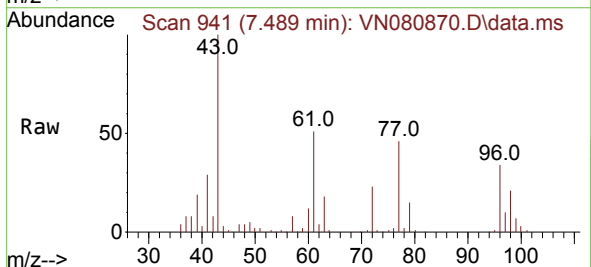
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

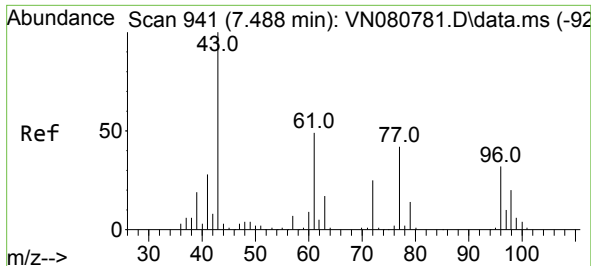
Tgt Ion: 43 Resp: 319450
Ion Ratio Lower Upper
43 100
72 20.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 49.071 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 77 Resp: 135282
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5

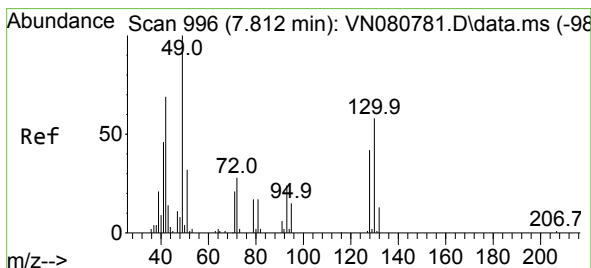
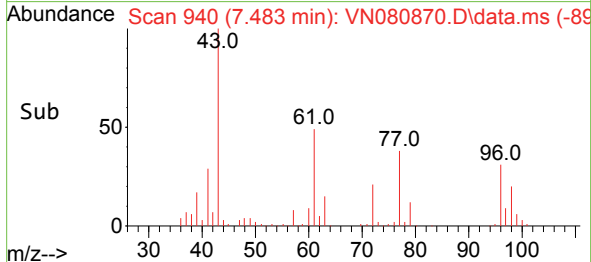
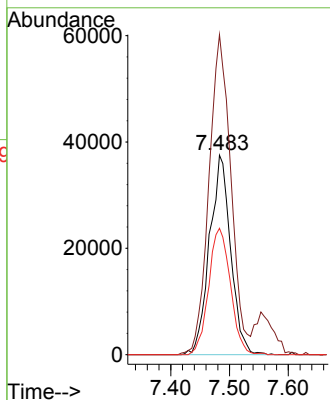
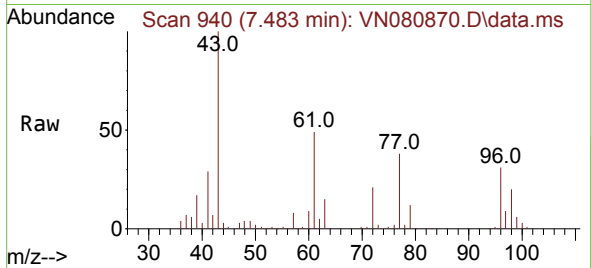




#27
 cis-1,2-Dichloroethene
 Concen: 48.316 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

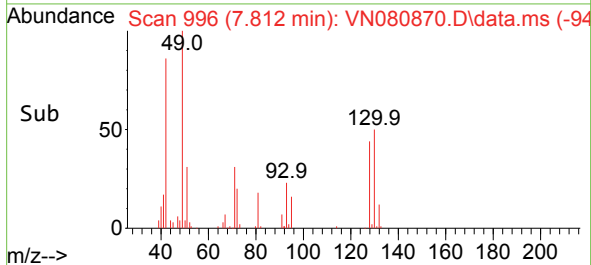
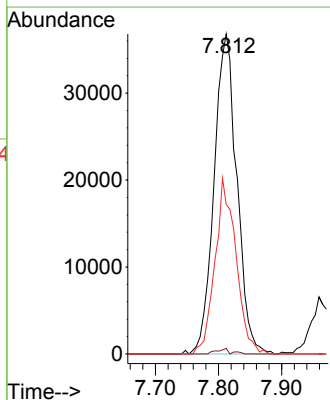
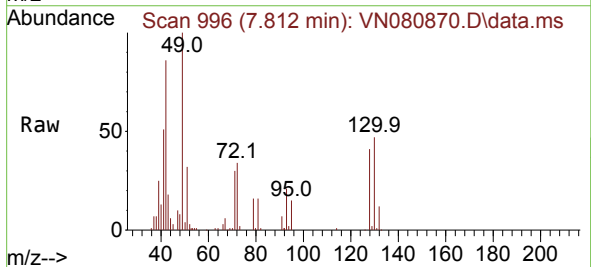
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

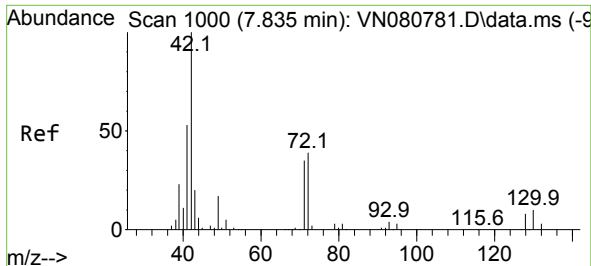
Tgt Ion: 96 Resp: 93703
 Ion Ratio Lower Upper
 96 100
 61 166.6 0.0 325.4
 98 65.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.057 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

Tgt Ion: 49 Resp: 92201
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.6
 130 50.7 42.3 63.5





#29

Tetrahydrofuran

Concen: 251.927 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

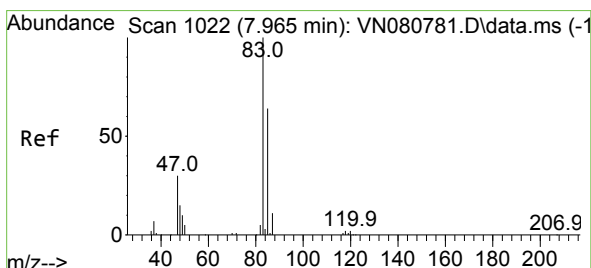
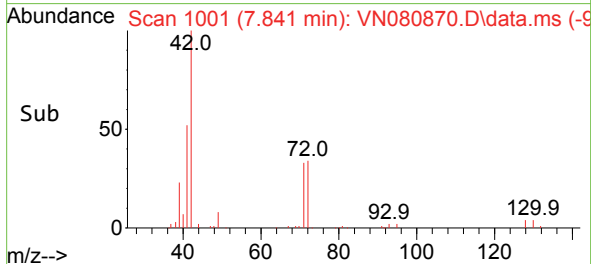
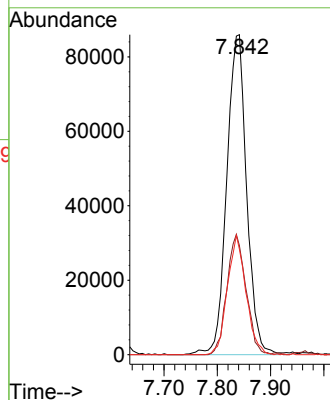
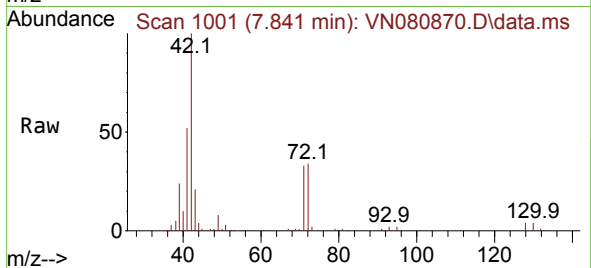
Tgt Ion: 42 Resp: 223190

Ion Ratio Lower Upper

42 100

72 36.1 31.1 46.7

71 34.8 28.3 42.5



#30

Chloroform

Concen: 49.949 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080870.D

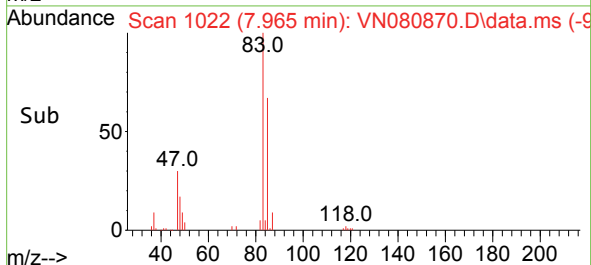
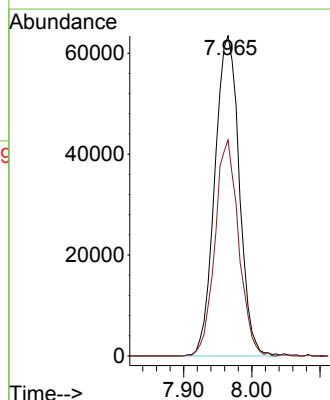
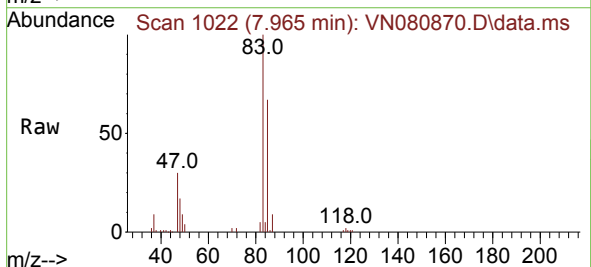
Acq: 01 Feb 2024 17:15

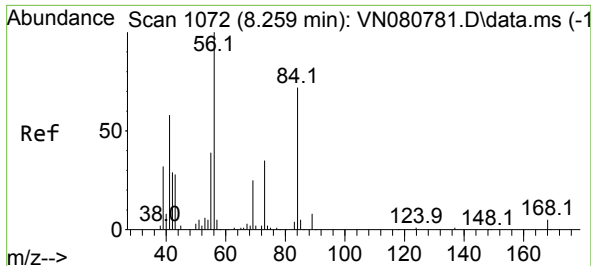
Tgt Ion: 83 Resp: 158279

Ion Ratio Lower Upper

83 100

85 67.4 51.0 76.6

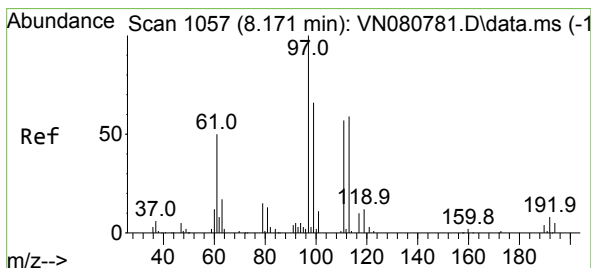
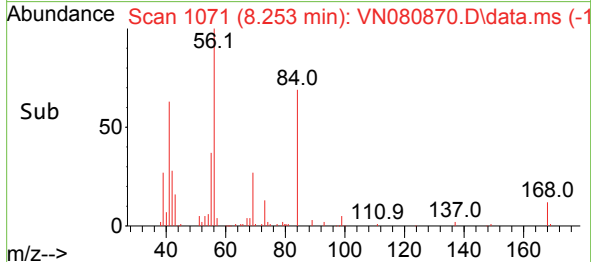
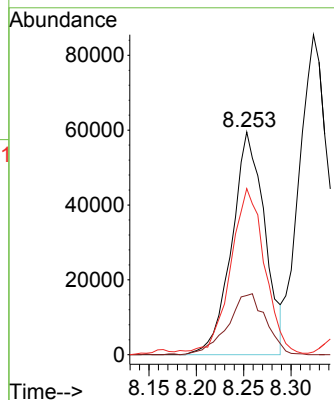
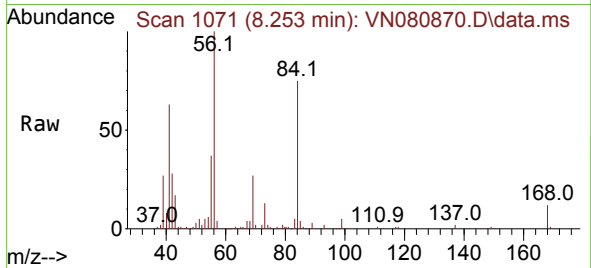




#31
Cyclohexane
Concen: 44.097 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

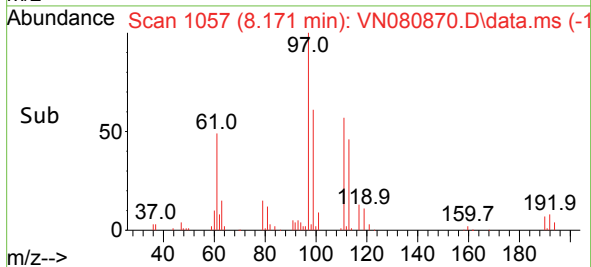
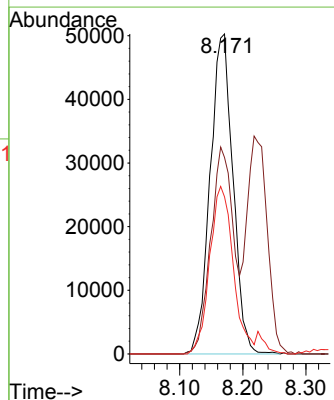
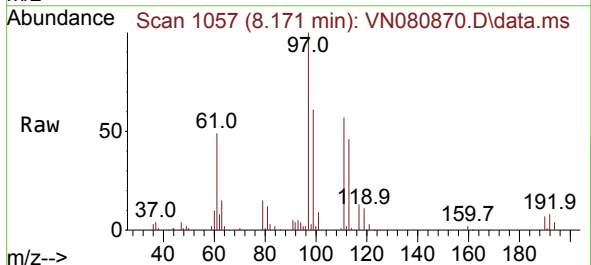
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

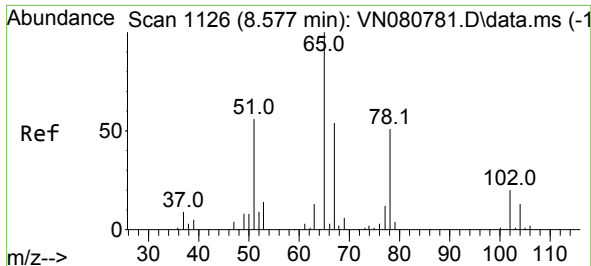
Tgt Ion: 56 Resp: 143718
Ion Ratio Lower Upper
56 100
69 26.6 20.1 30.1
84 72.7 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 49.088 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 97 Resp: 126140
Ion Ratio Lower Upper
97 100
99 64.0 53.4 80.0
61 54.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.771 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

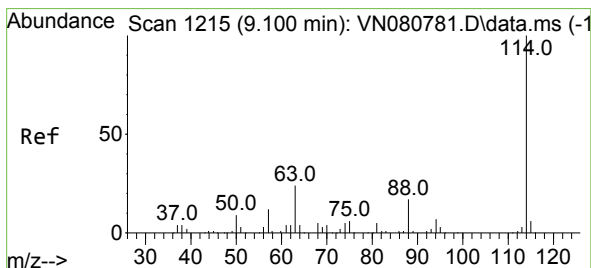
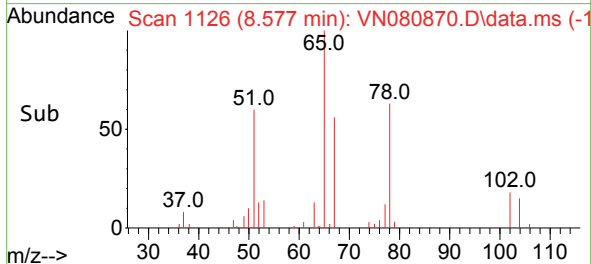
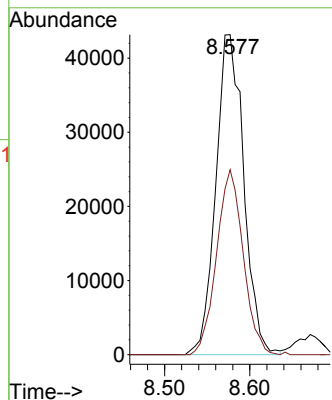
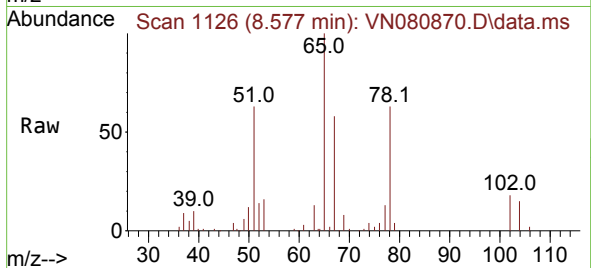
VSTDCCC050EC

Tgt Ion: 65 Resp: 98397

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

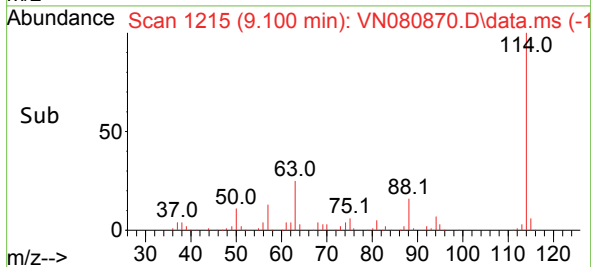
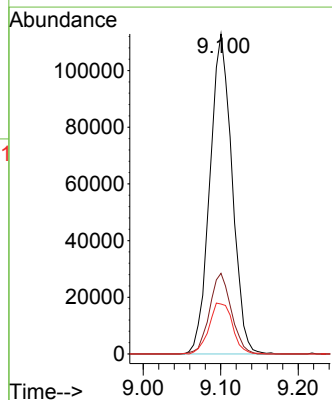
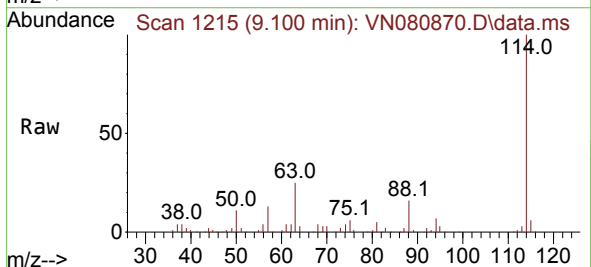
Tgt Ion: 114 Resp: 223883

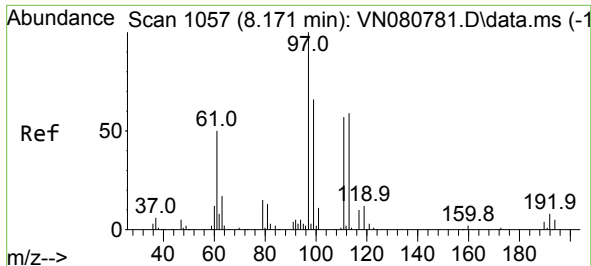
Ion Ratio Lower Upper

114 100

63 25.2 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.761 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

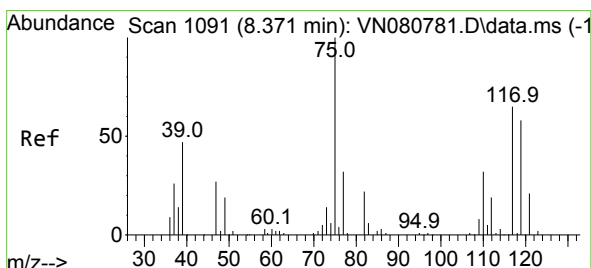
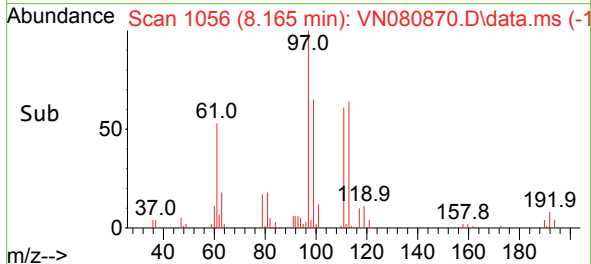
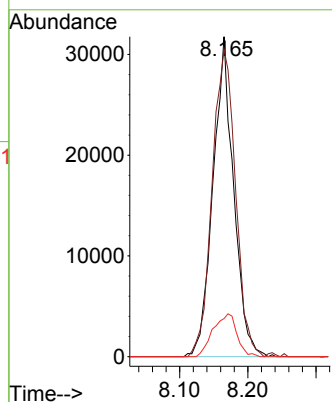
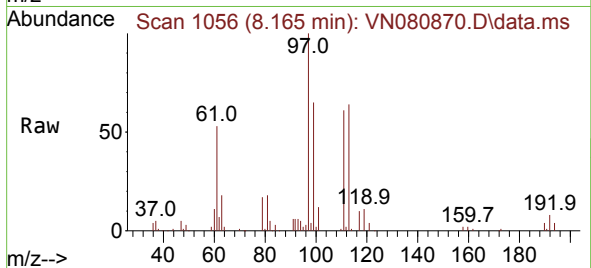
Tgt Ion:113 Resp: 66789

Ion Ratio Lower Upper

113 100

111 108.8 82.2 123.4

192 15.5 12.5 18.7



#36

1,1-Dichloropropene

Concen: 48.214 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

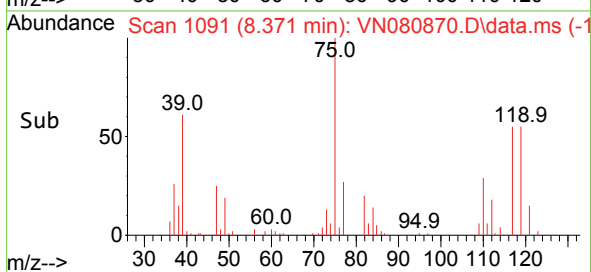
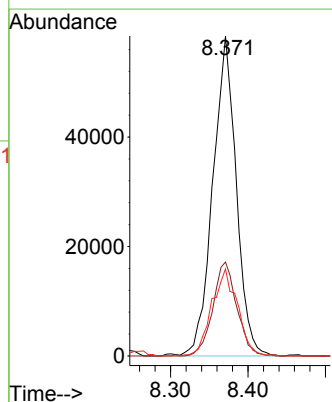
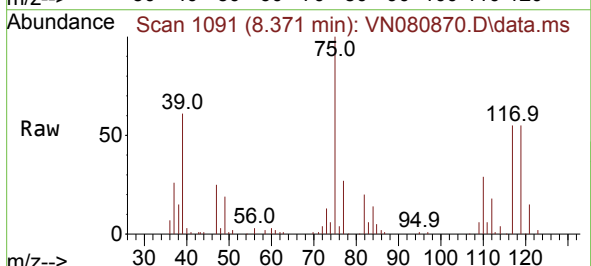
Tgt Ion: 75 Resp: 122746

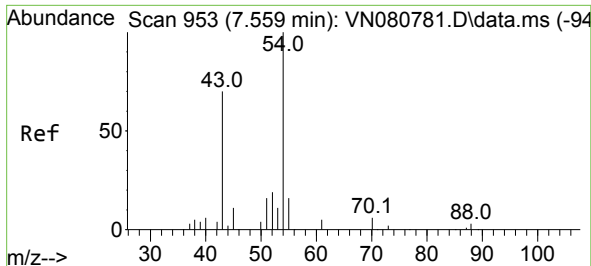
Ion Ratio Lower Upper

75 100

110 30.1 16.0 48.0

77 29.9 25.8 38.6

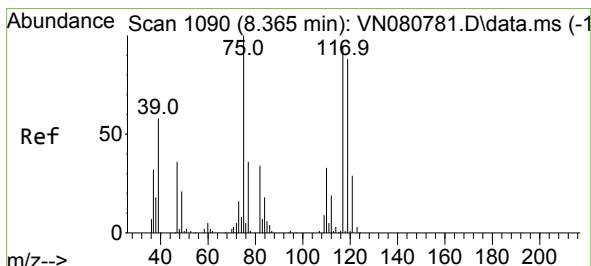
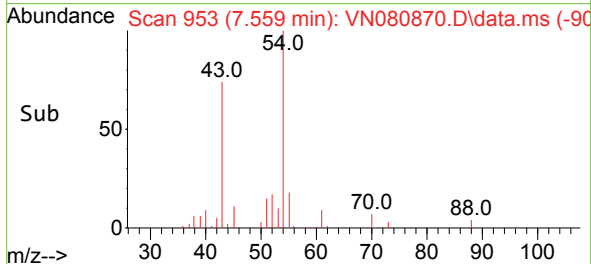
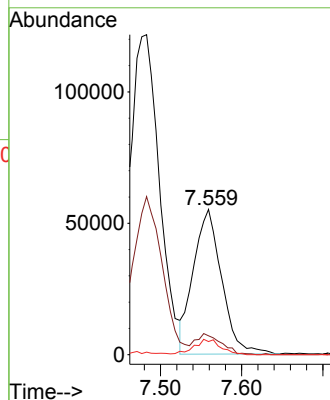
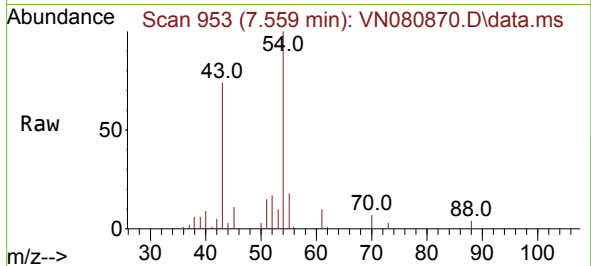




#37
Ethyl Acetate
Concen: 50.961 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

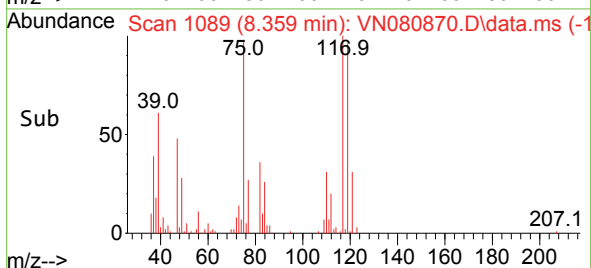
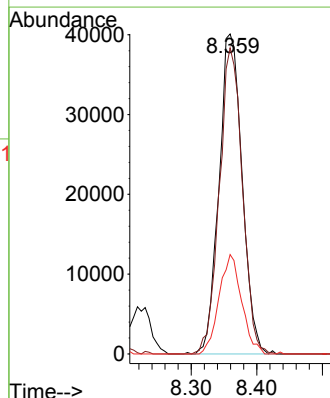
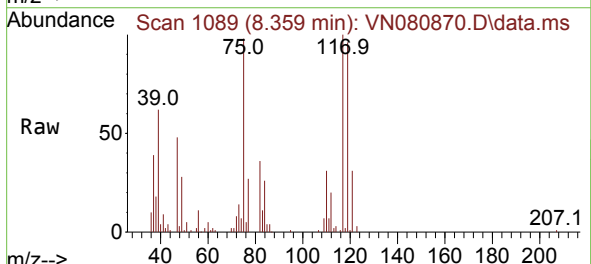
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

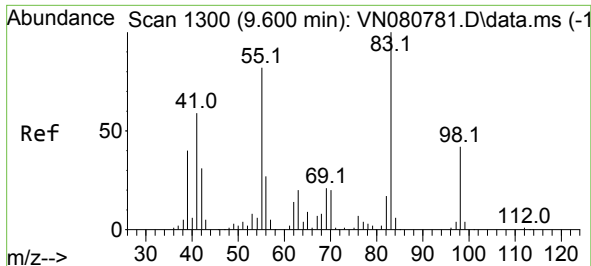
Tgt Ion: 43 Resp: 133559
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 47.906 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 117 Resp: 98267
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 46.477 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

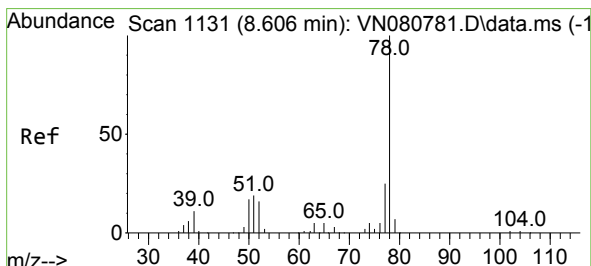
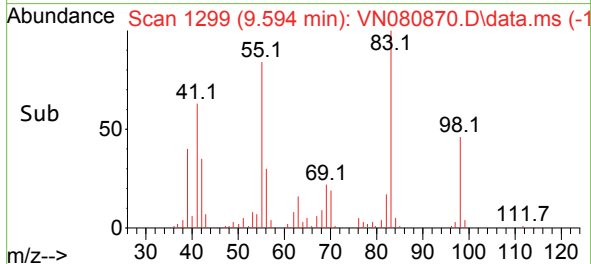
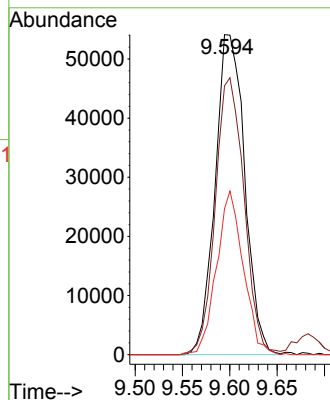
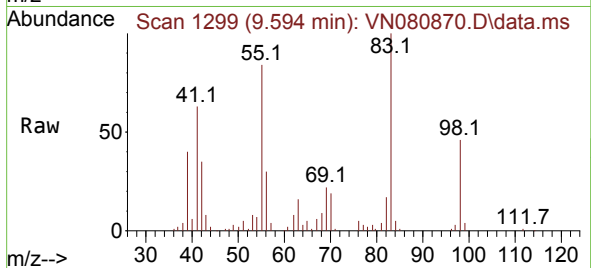
Tgt Ion: 83 Resp: 117609

Ion Ratio Lower Upper

83 100

55 84.0 65.7 98.5

98 45.6 33.8 50.6



#40

Benzene

Concen: 50.667 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080870.D

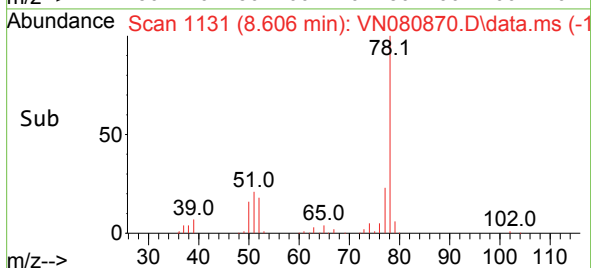
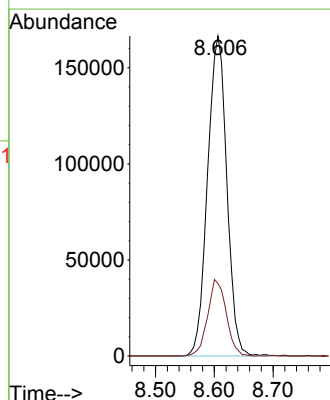
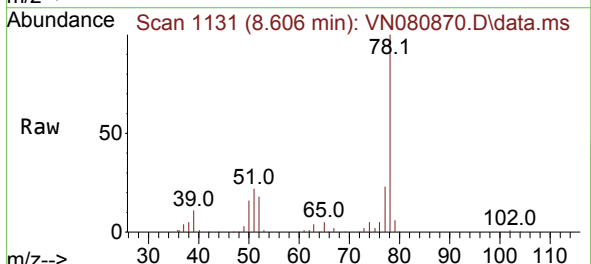
Acq: 01 Feb 2024 17:15

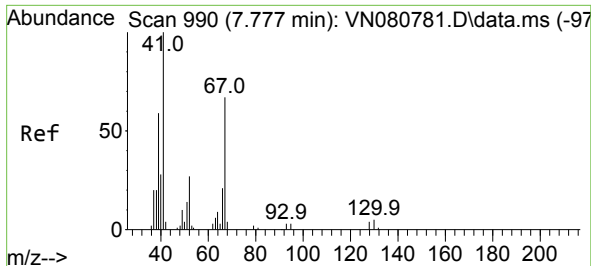
Tgt Ion: 78 Resp: 379120

Ion Ratio Lower Upper

78 100

77 22.7 20.4 30.6

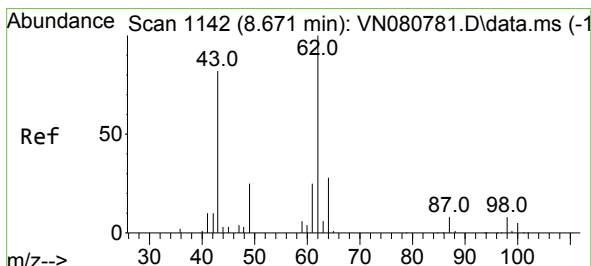
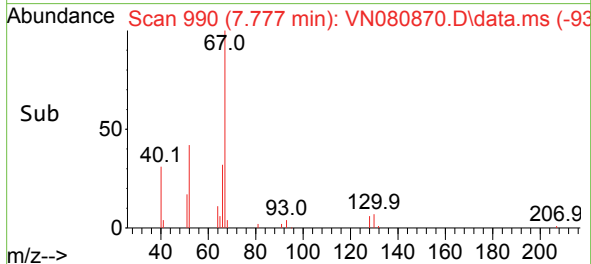
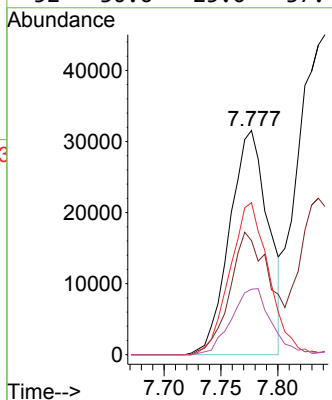
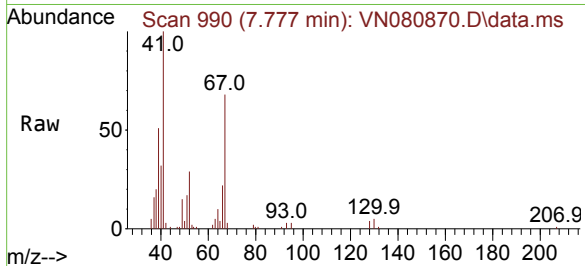




#41
Methacrylonitrile
Concen: 48.301 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

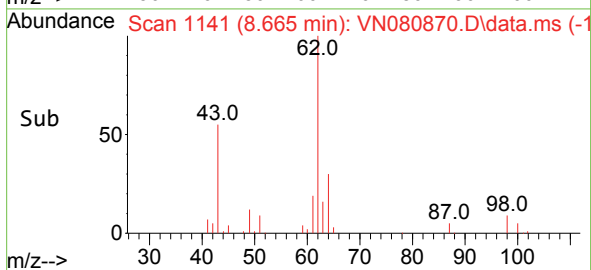
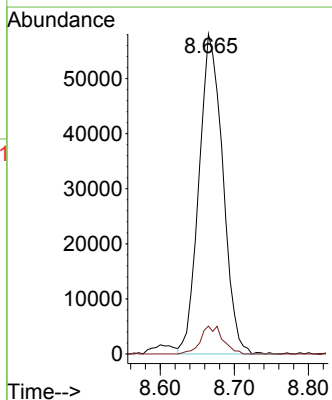
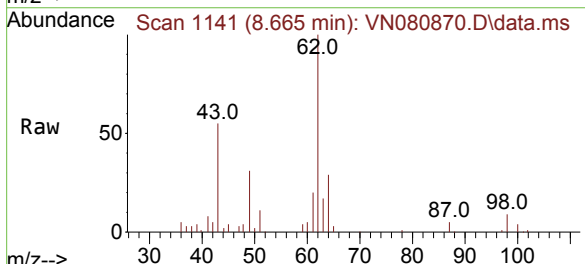
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

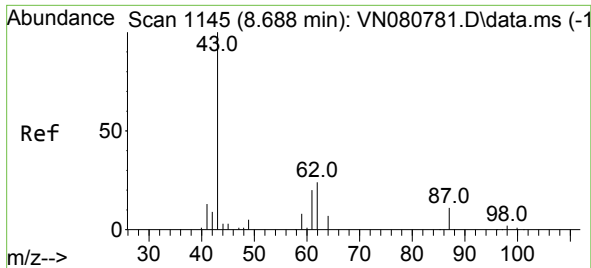
Tgt Ion:	41	Resp:	74608
Ion	Ratio	Lower	Upper
41	100		
39	57.8	48.4	72.6
67	68.6	56.8	85.2
52	30.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 53.289 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:	62	Resp:	129904
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.0

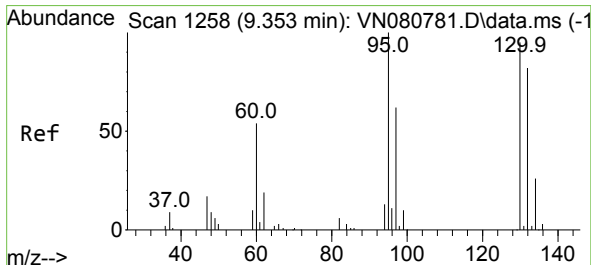
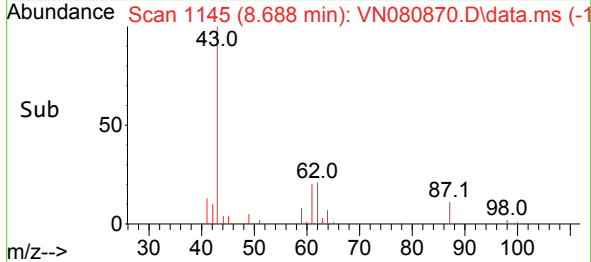
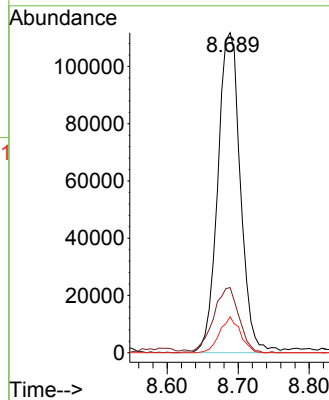
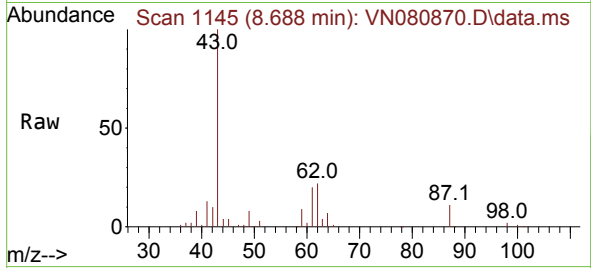




#43
Isopropyl Acetate
Concen: 51.777 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

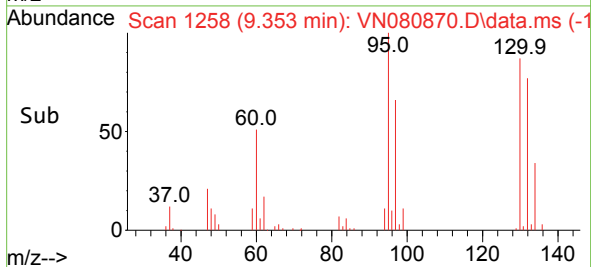
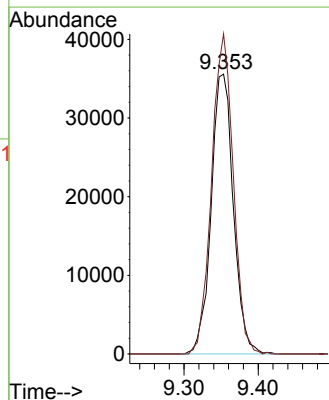
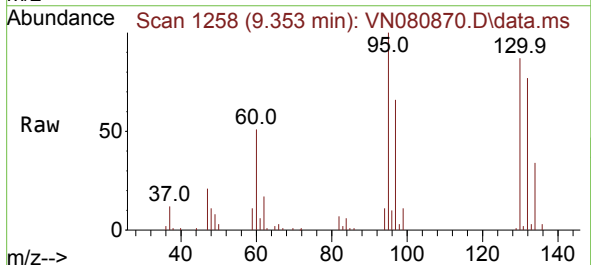
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

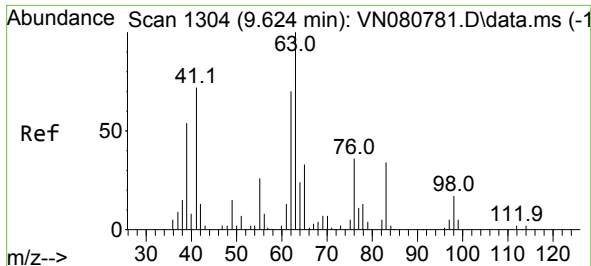
Tgt Ion: 43 Resp: 247057
Ion Ratio Lower Upper
43 100
61 22.8 19.9 29.9
87 10.1 9.0 13.6



#44
Trichloroethene
Concen: 44.928 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:130 Resp: 74045
Ion Ratio Lower Upper
130 100
95 114.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 53.613 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

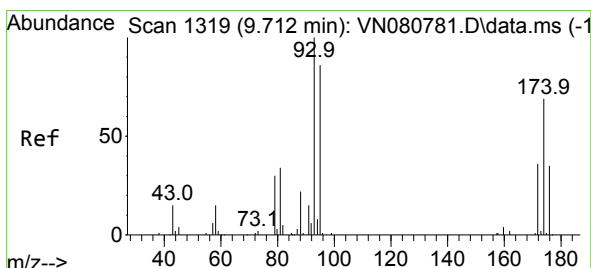
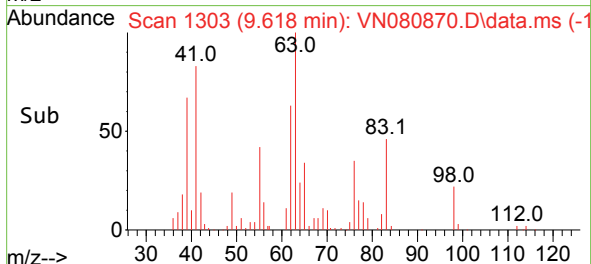
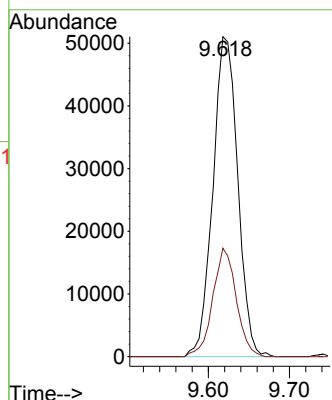
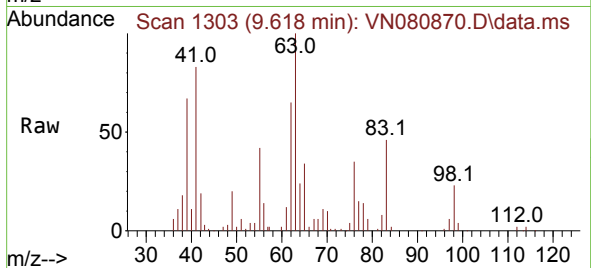
VSTDCCC050EC

Tgt Ion: 63 Resp: 108563

Ion Ratio Lower Upper

63 100

65 33.9 26.1 39.1



#46

Dibromomethane

Concen: 49.940 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

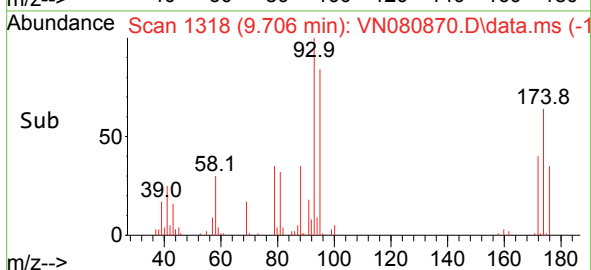
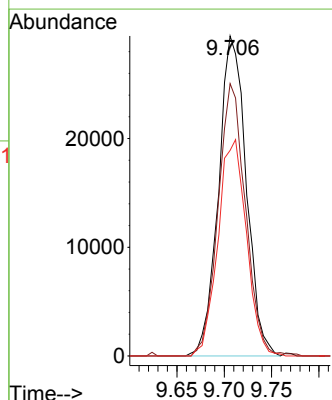
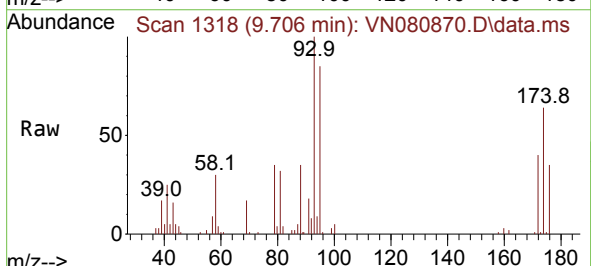
Tgt Ion: 93 Resp: 59947

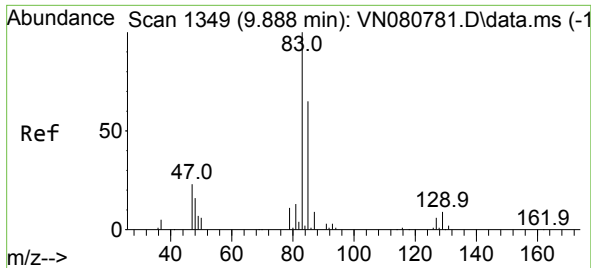
Ion Ratio Lower Upper

93 100

95 84.0 68.1 102.1

174 69.4 57.2 85.8

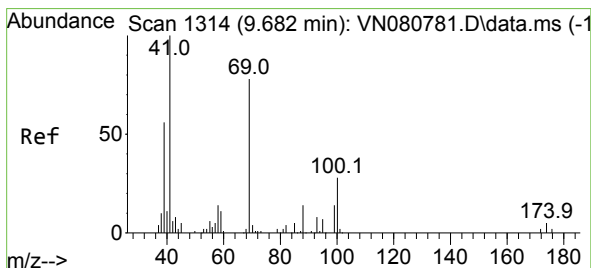
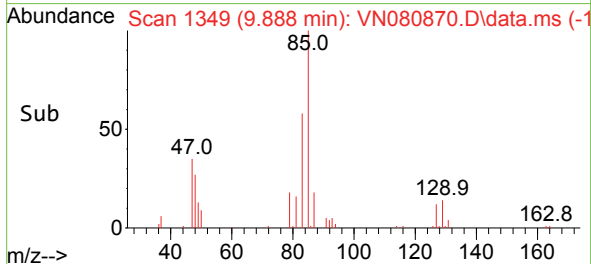
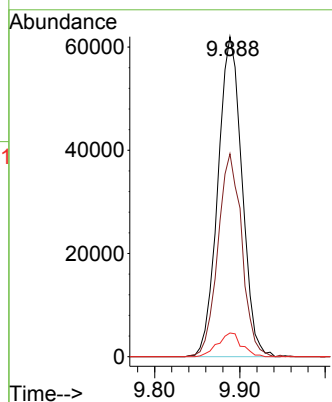
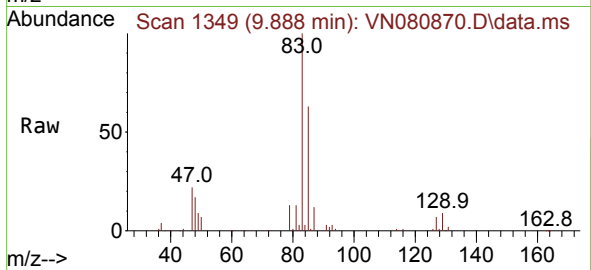




#47
Bromodichloromethane
Concen: 49.974 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

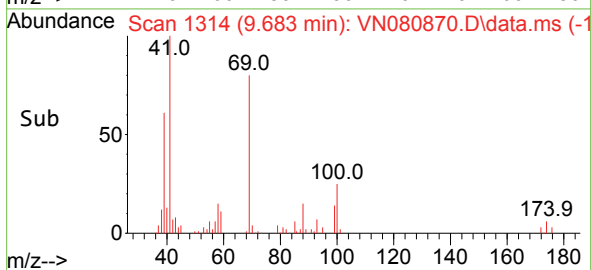
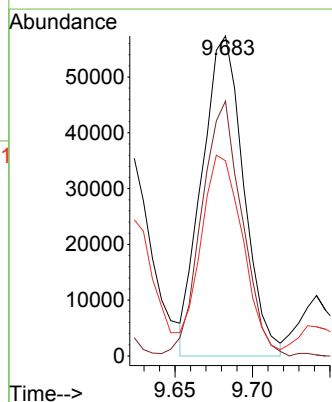
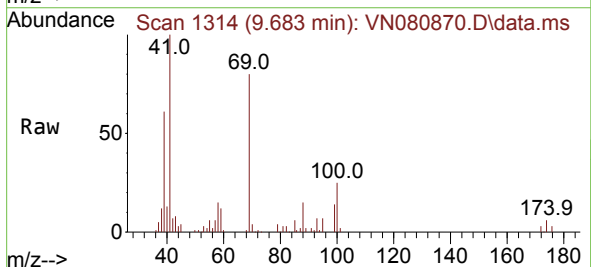
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

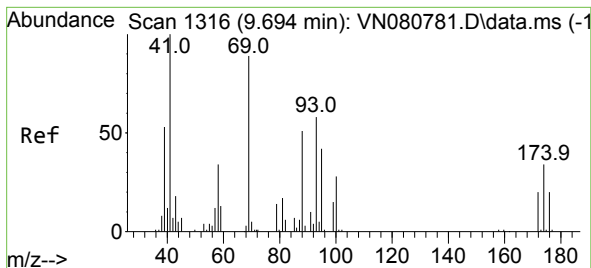
Tgt Ion: 83 Resp: 121793
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 7.4 4.6 7.0#



#48
Methyl methacrylate
Concen: 46.345 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 41 Resp: 107205
Ion Ratio Lower Upper
41 100
69 77.1 62.2 93.2
39 64.7 47.6 71.4





#49

1,4-Dioxane

Concen: 1139.545 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

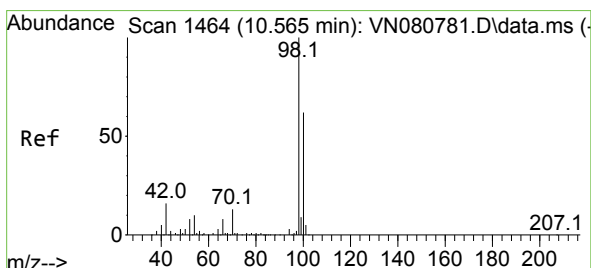
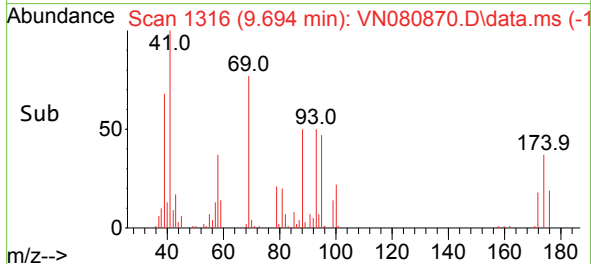
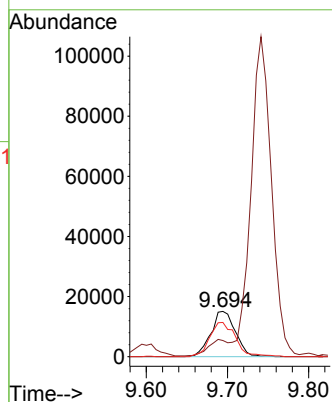
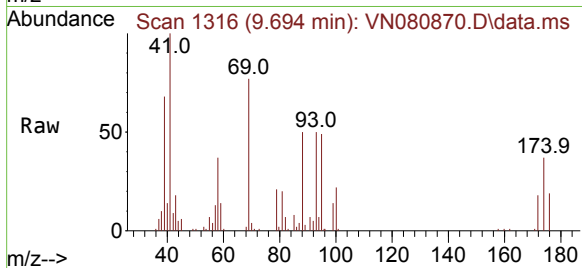
Tgt Ion: 88 Resp: 31752

Ion Ratio Lower Upper

88 100

43 27.9 30.1 45.1#

58 80.0 63.9 95.9



#50

Toluene-d8

Concen: 51.765 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080870.D

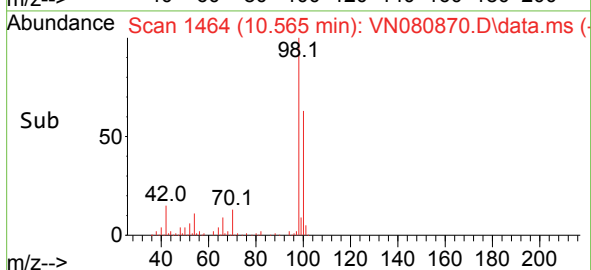
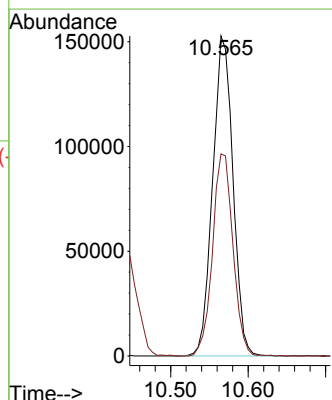
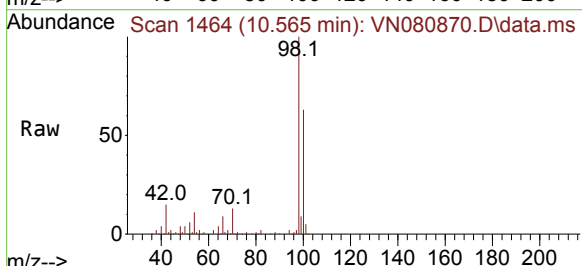
Acq: 01 Feb 2024 17:15

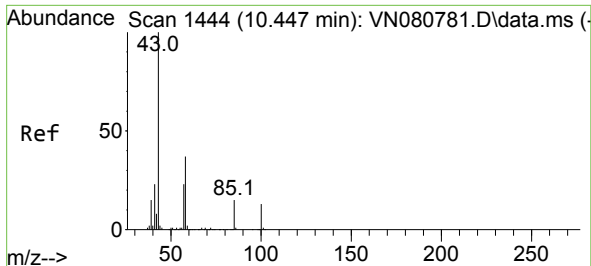
Tgt Ion: 98 Resp: 277514

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

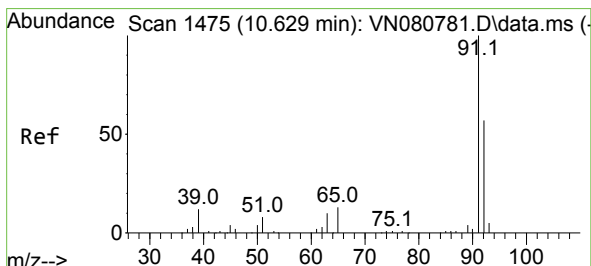
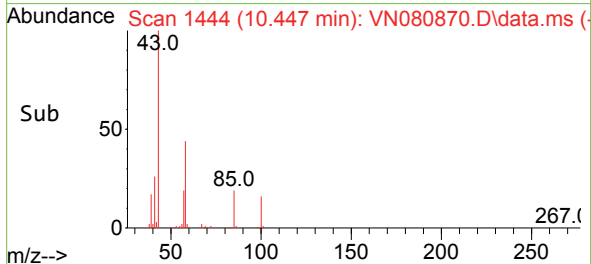
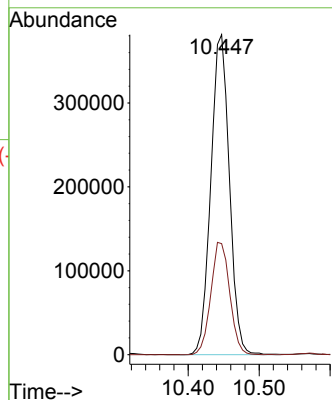
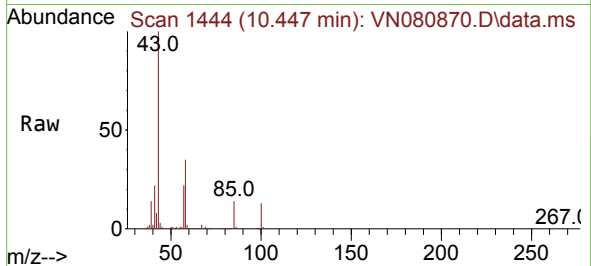




#51
4-Methyl-2-Pentanone
Concen: 259.137 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

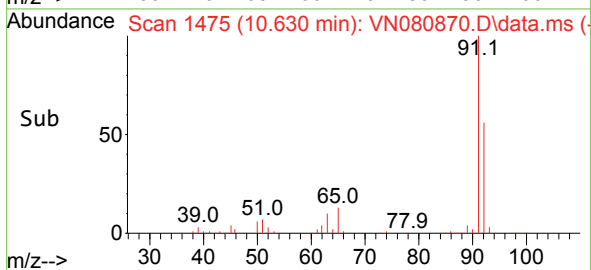
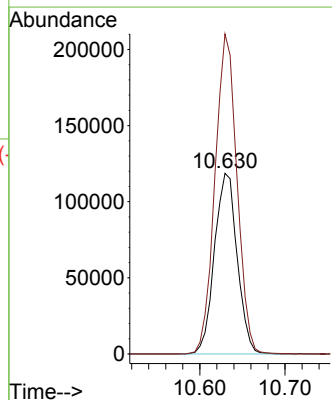
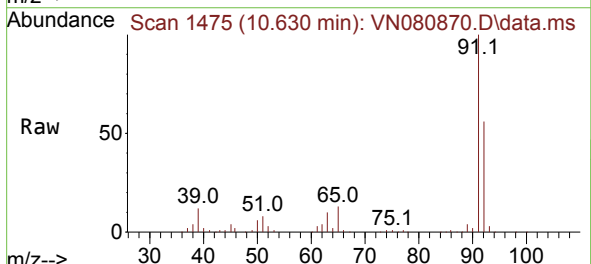
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

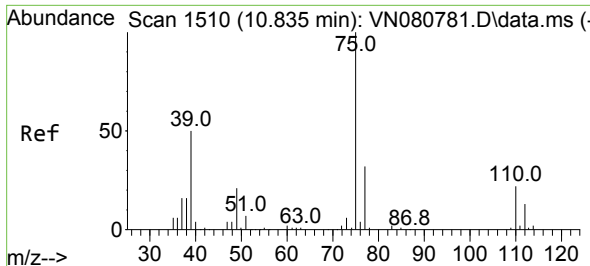
Tgt Ion: 43 Resp: 691217
Ion Ratio Lower Upper
43 100
58 35.7 29.4 44.0



#52
Toluene
Concen: 51.180 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 92 Resp: 219573
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0

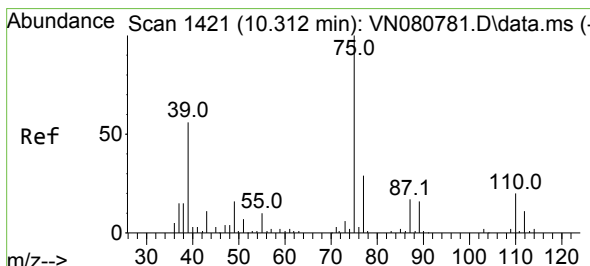
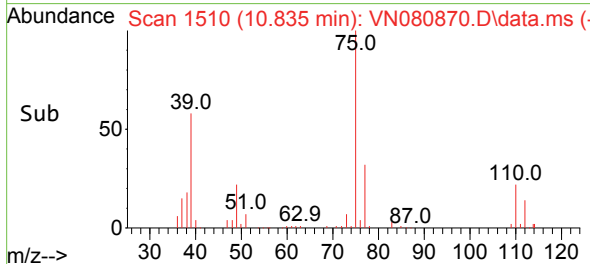
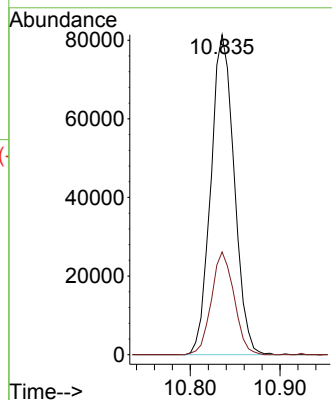
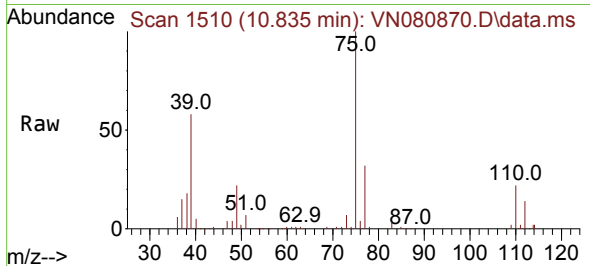




#53
 t-1,3-Dichloropropene
 Concen: 51.854 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

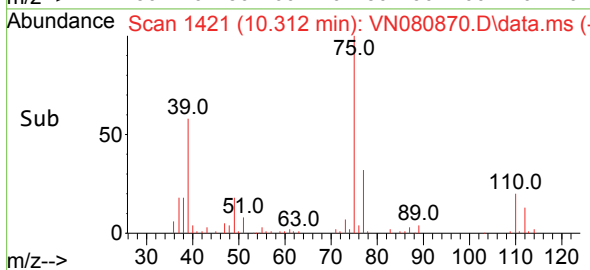
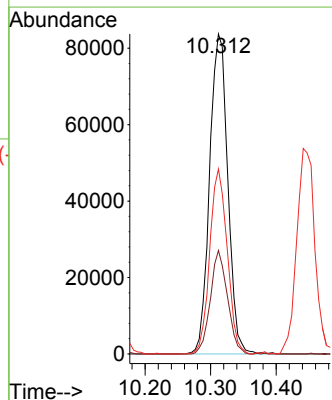
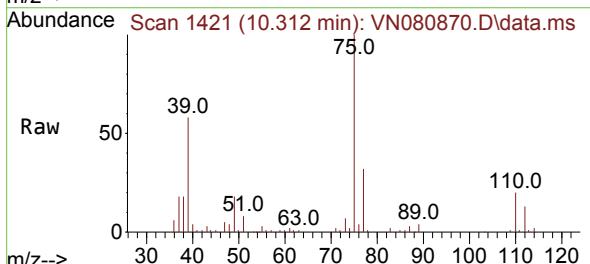
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

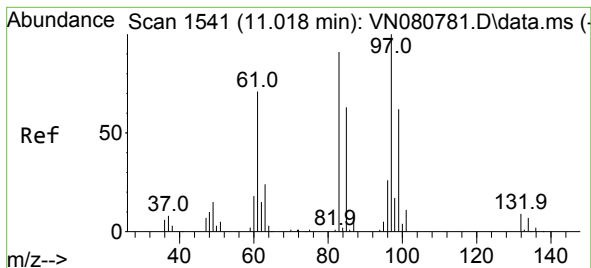
Tgt Ion: 75 Resp: 147219
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.225 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

Tgt Ion: 75 Resp: 161240
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.3 34.9
 39 57.8 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 52.333 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 86286

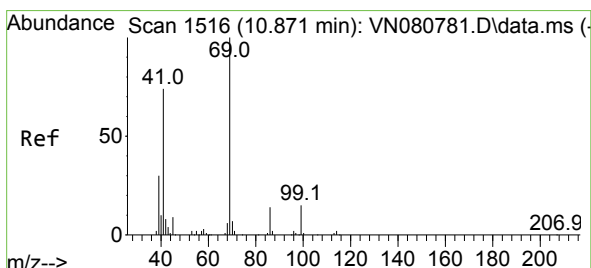
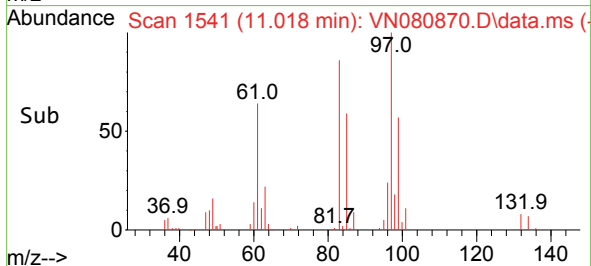
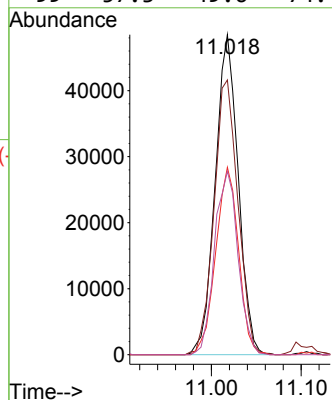
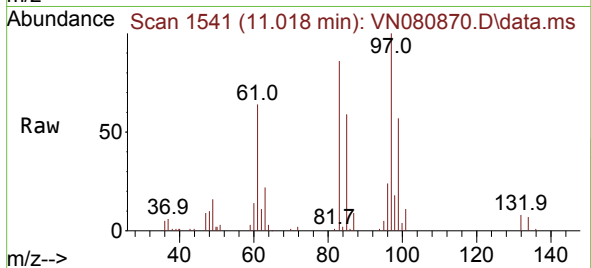
Ion Ratio Lower Upper

97 100

83 85.9 72.9 109.3

85 58.6 50.2 75.2

99 57.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 56.234 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

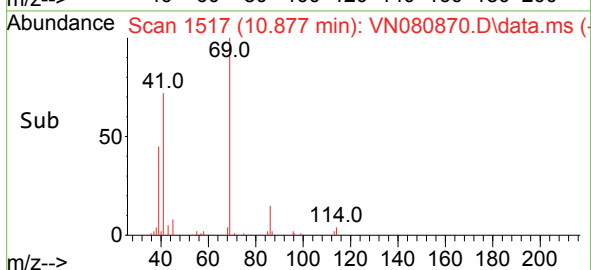
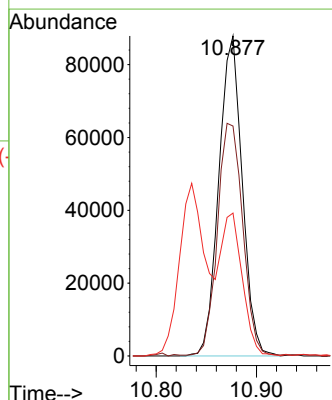
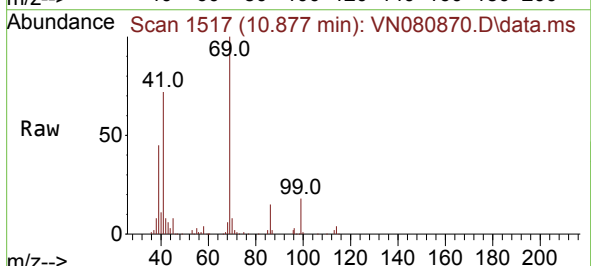
Tgt Ion: 69 Resp: 142531

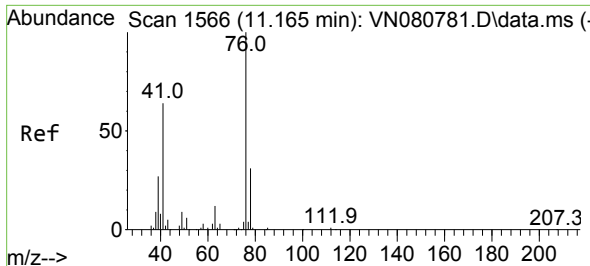
Ion Ratio Lower Upper

69 100

41 78.2 61.0 91.6

39 40.1 31.8 47.6

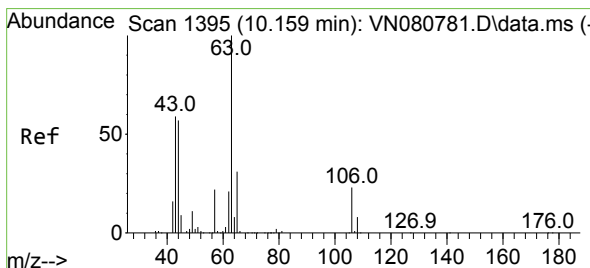
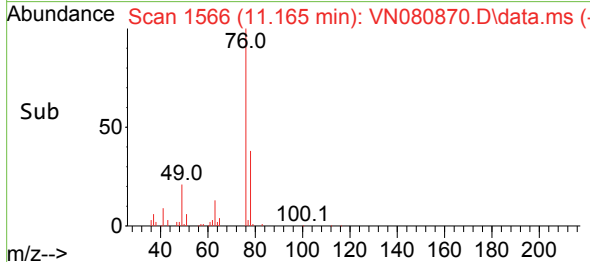
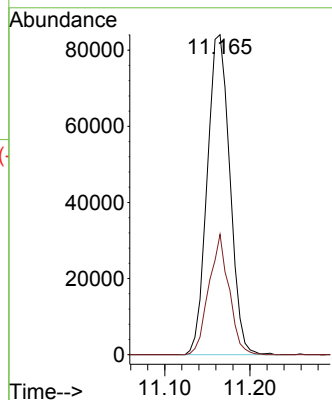
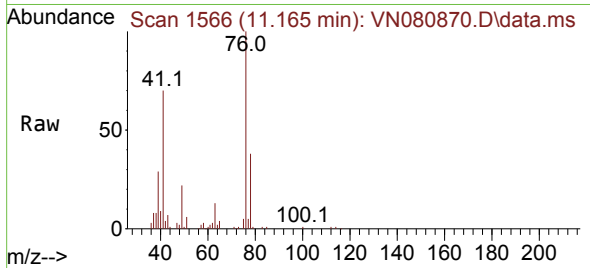




#57
1,3-Dichloropropane
Concen: 50.096 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

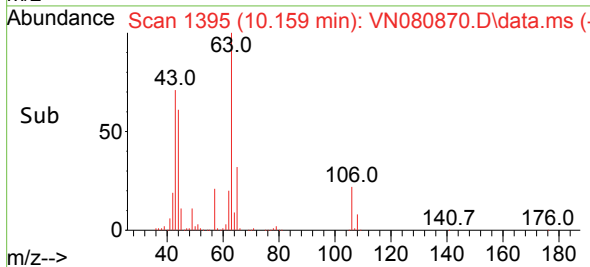
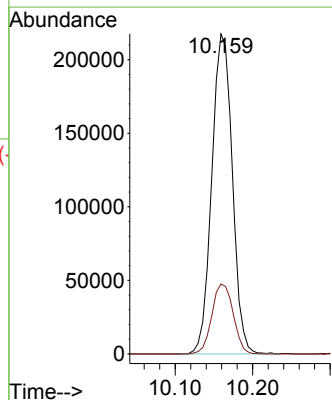
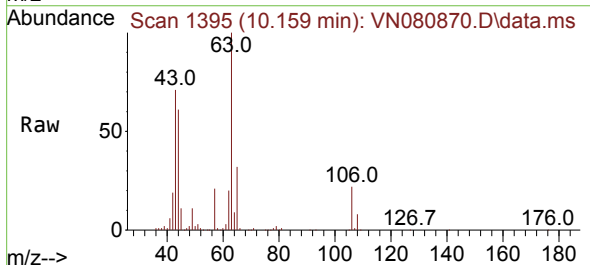
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

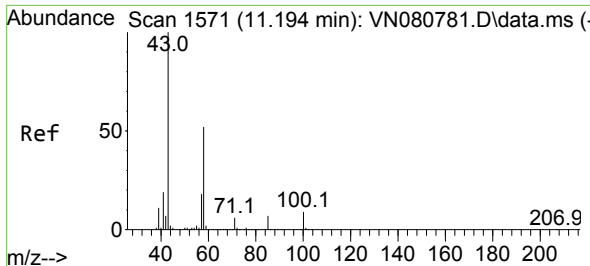
Tgt Ion: 76 Resp: 155447
Ion Ratio Lower Upper
76 100
78 33.5 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 271.720 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 63 Resp: 401489
Ion Ratio Lower Upper
63 100
106 22.7 18.6 28.0

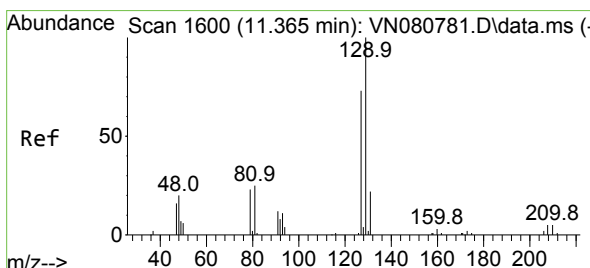
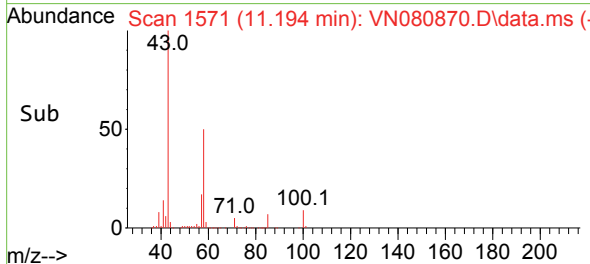
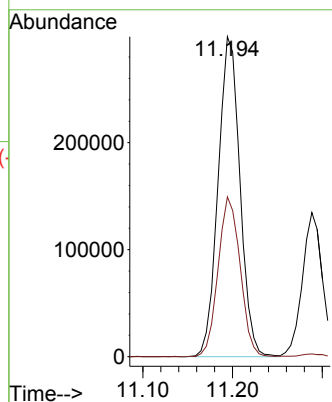
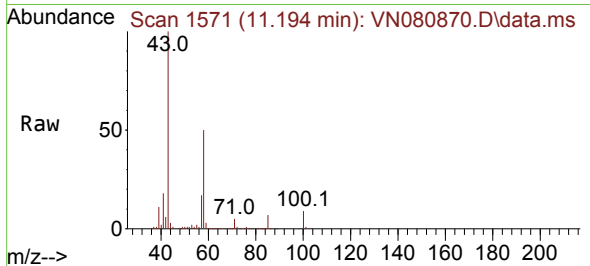




#59
2-Hexanone
Concen: 244.235 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

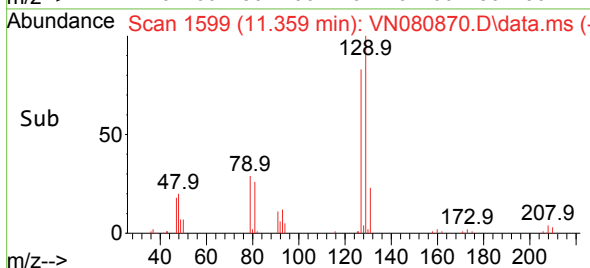
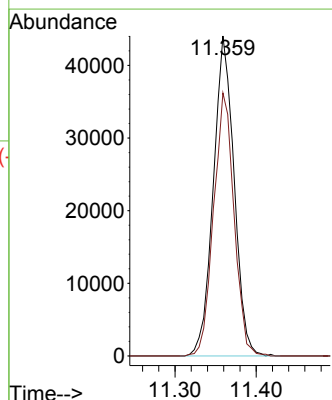
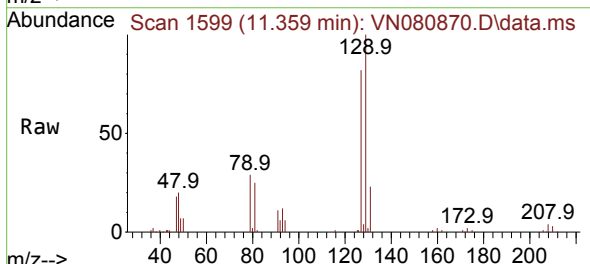
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

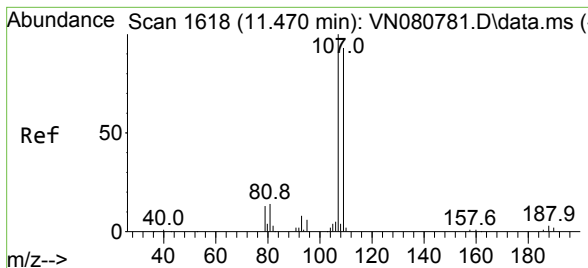
Tgt Ion: 43 Resp: 506042
Ion Ratio Lower Upper
43 100
58 50.3 25.9 77.8



#60
Dibromochloromethane
Concen: 51.085 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 129 Resp: 78344
Ion Ratio Lower Upper
129 100
127 80.9 39.4 118.2

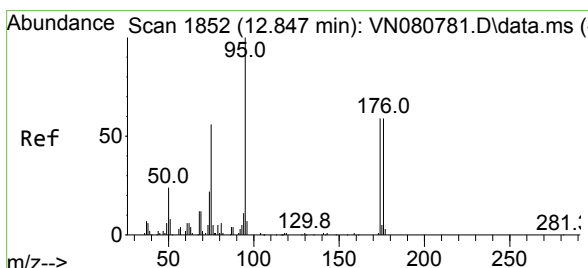
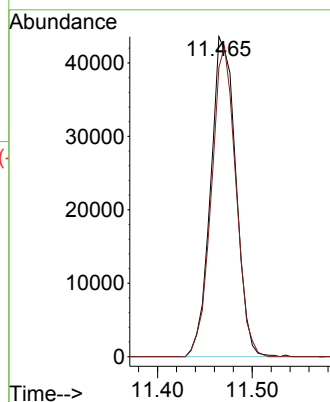
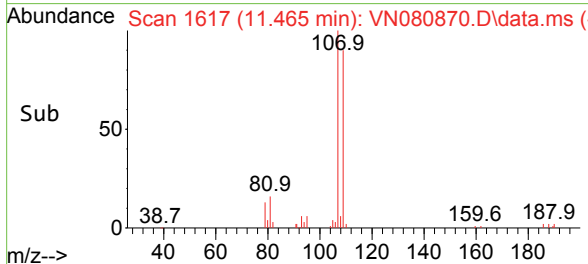
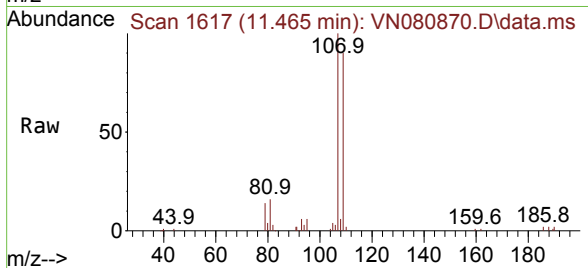




#61
1,2-Dibromoethane
Concen: 51.999 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

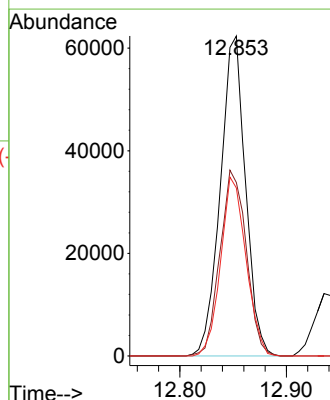
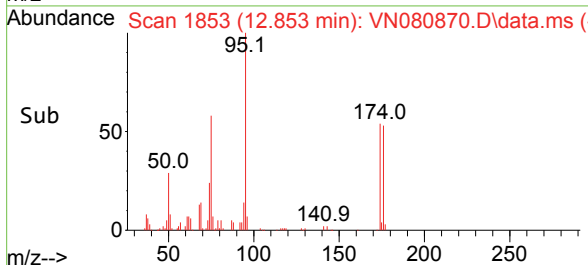
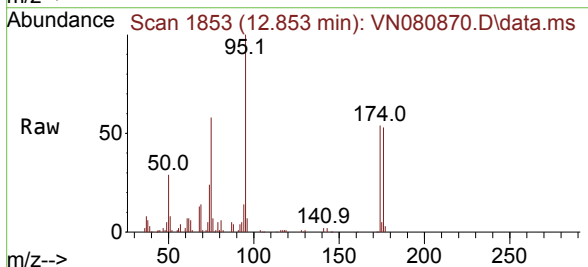
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

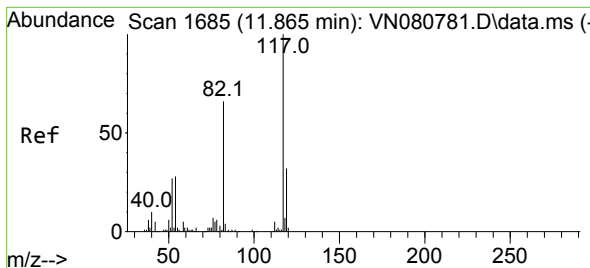
Tgt Ion:107 Resp: 80349
Ion Ratio Lower Upper
107 100
109 94.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 54.789 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 95 Resp: 102355
Ion Ratio Lower Upper
95 100
174 60.8 0.0 120.4
176 56.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

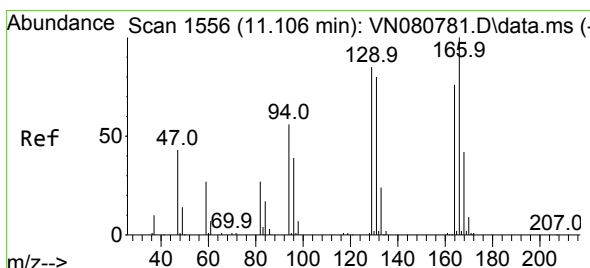
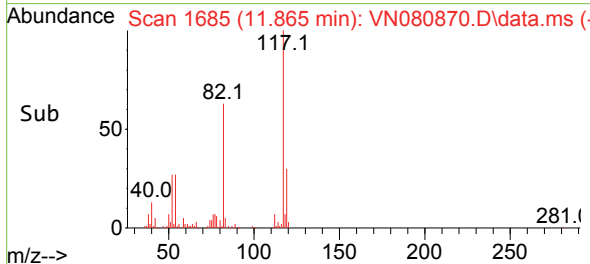
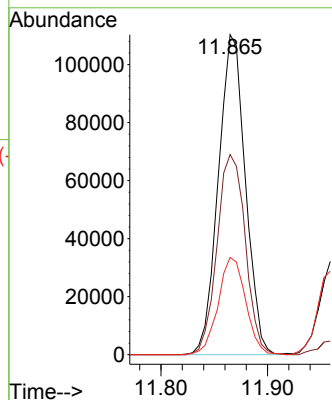
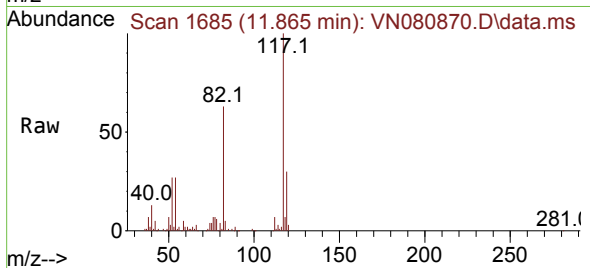
Tgt Ion:117 Resp: 194630

Ion Ratio Lower Upper

117 100

82 62.6 52.7 79.1

119 30.4 25.3 37.9



#64

Tetrachloroethene

Concen: 44.038 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Tgt Ion:164 Resp: 56337

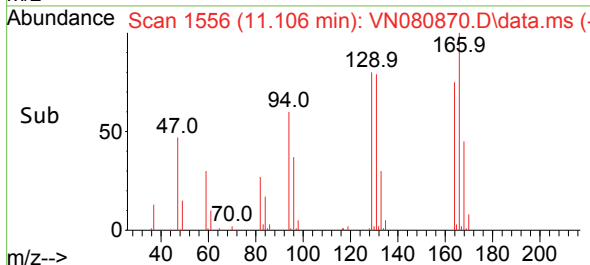
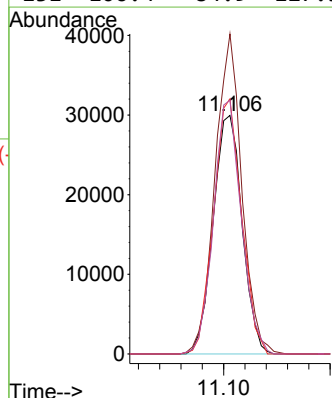
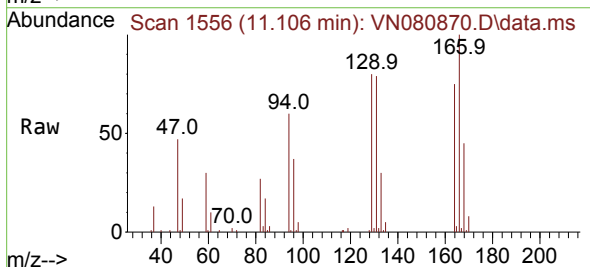
Ion Ratio Lower Upper

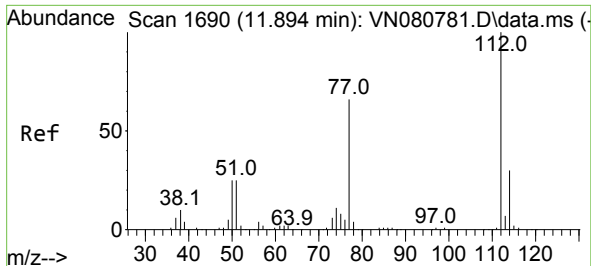
164 100

166 134.2 105.8 158.6

129 106.9 89.6 134.4

131 106.4 84.9 127.3

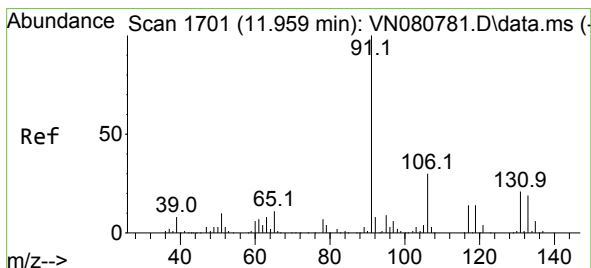
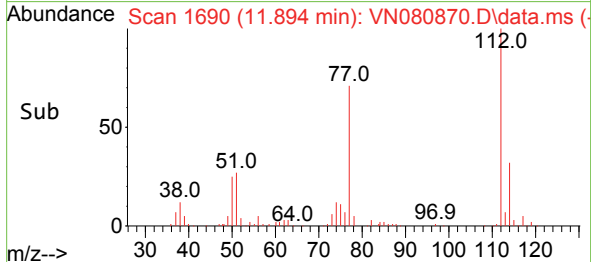
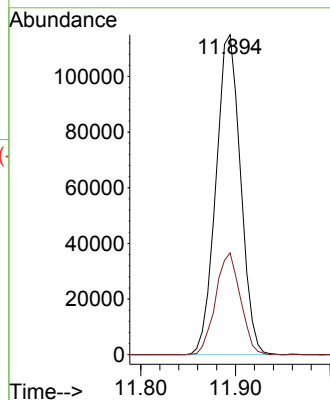
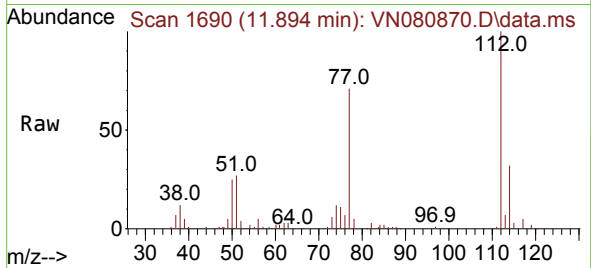




#65
Chlorobenzene
Concen: 48.915 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

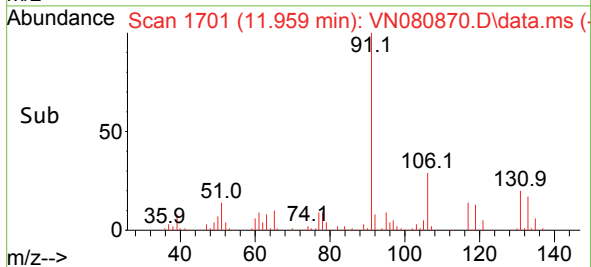
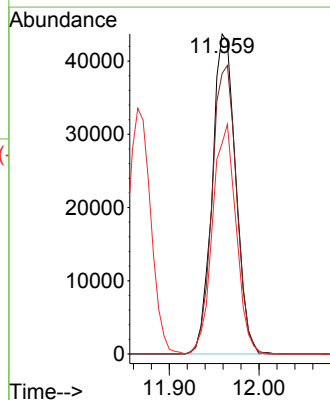
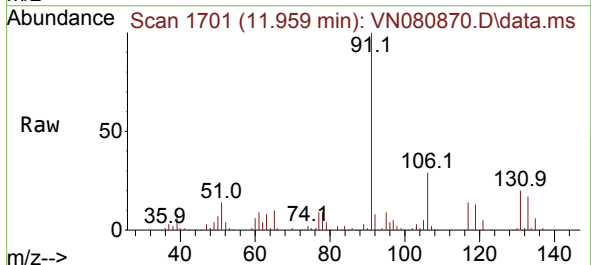
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

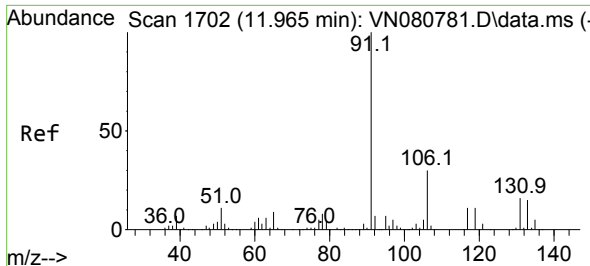
Tgt Ion:112 Resp: 207781
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.412 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:131 Resp: 79304
Ion Ratio Lower Upper
131 100
133 93.4 46.8 140.3
119 72.2 34.6 103.9

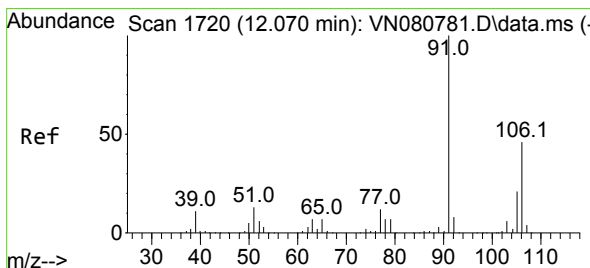
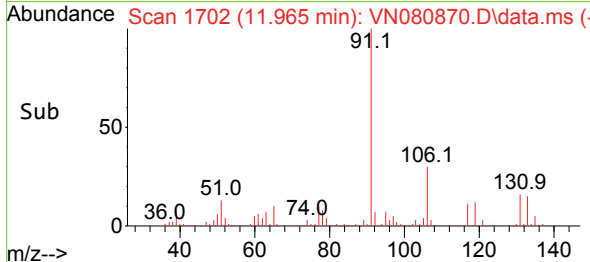
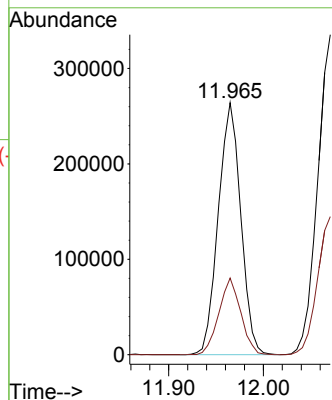
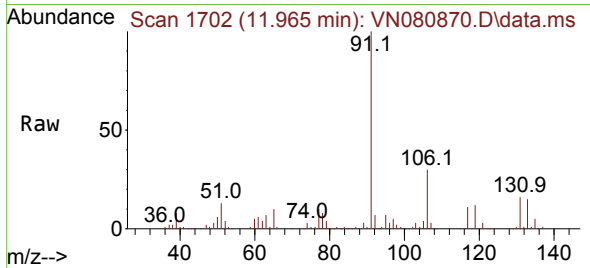




#67
Ethyl Benzene
Concen: 55.234 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

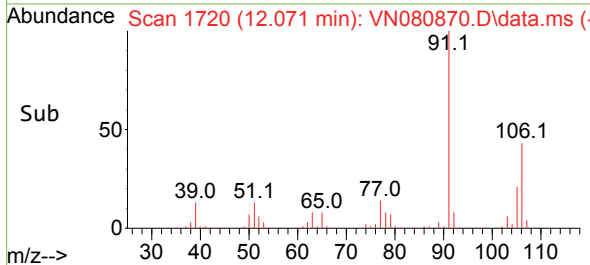
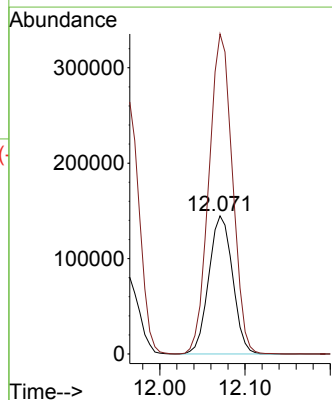
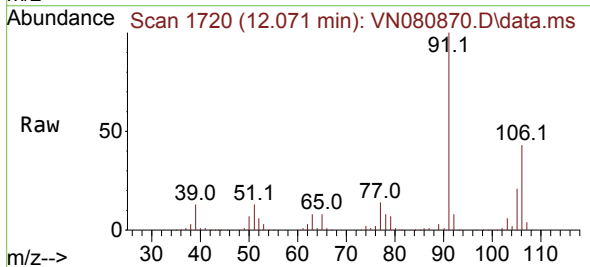
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

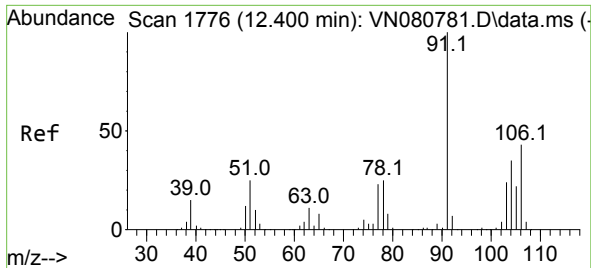
Tgt Ion: 91 Resp: 436070
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 100.176 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:106 Resp: 280873
Ion Ratio Lower Upper
106 100
91 229.6 169.0 253.6

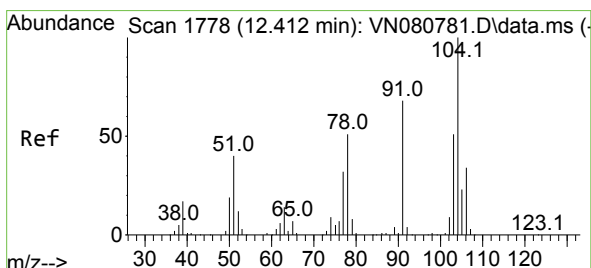
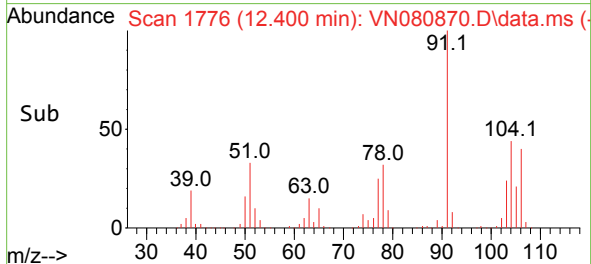
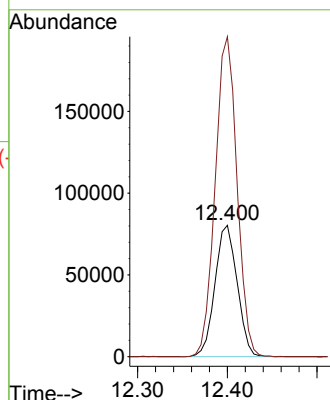
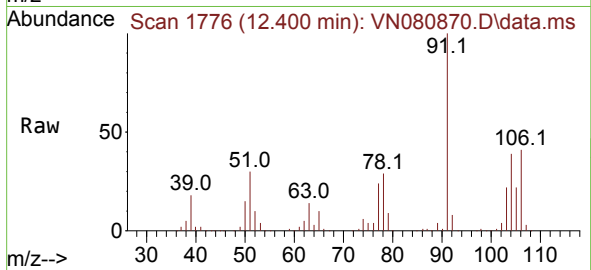




#69
o-Xylene
Concen: 49.573 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

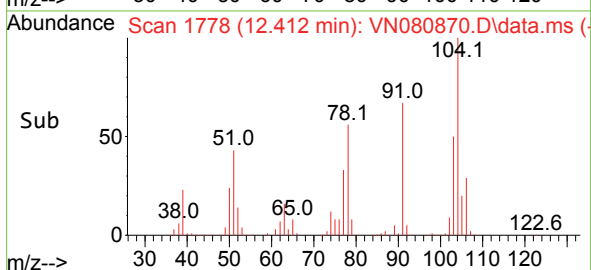
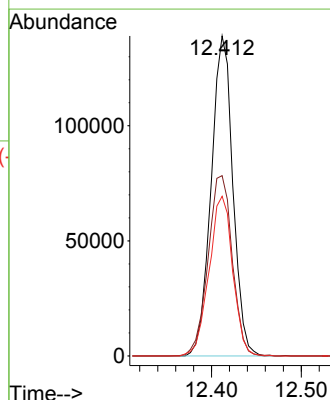
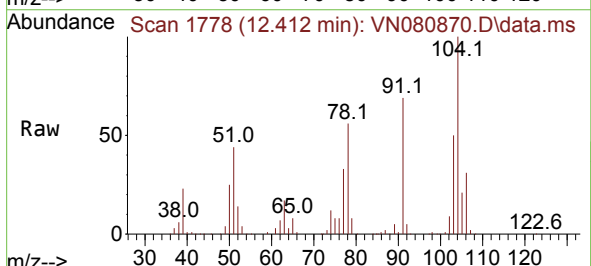
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

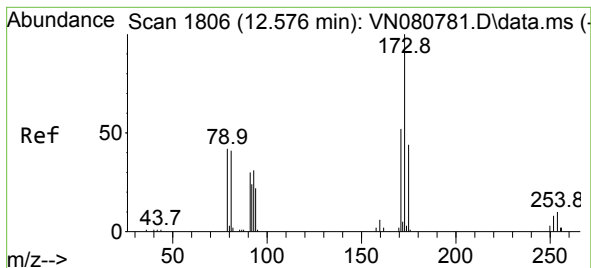
Tgt Ion:106 Resp: 138110
Ion Ratio Lower Upper
106 100
91 239.3 112.1 336.3



#70
Styrene
Concen: 52.199 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:104 Resp: 233555
Ion Ratio Lower Upper
104 100
78 62.8 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 55.303 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

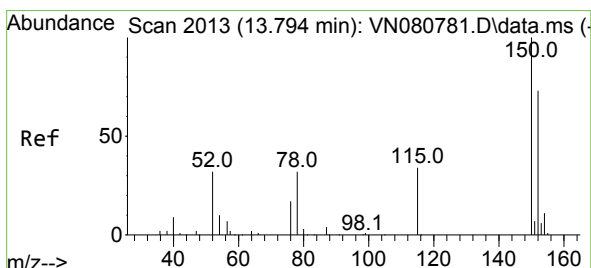
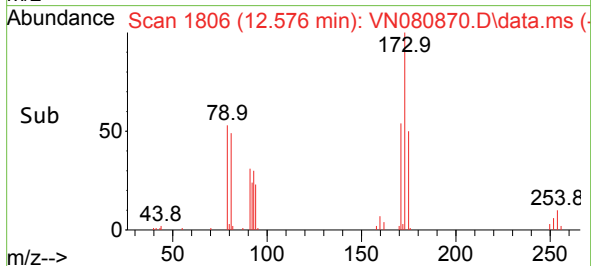
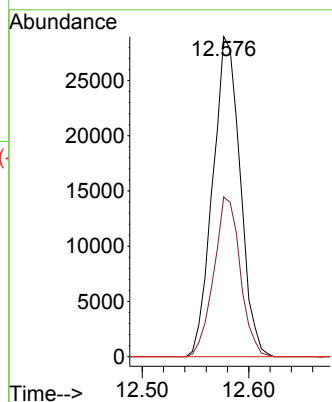
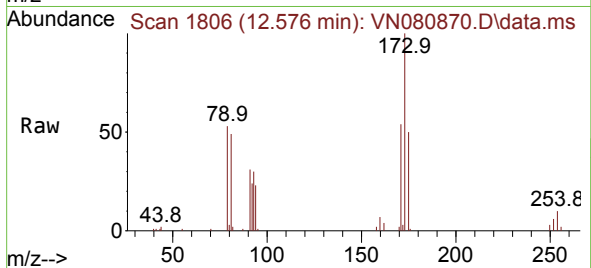
Tgt Ion:173 Resp: 51652

Ion Ratio Lower Upper

173 100

175 48.3 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

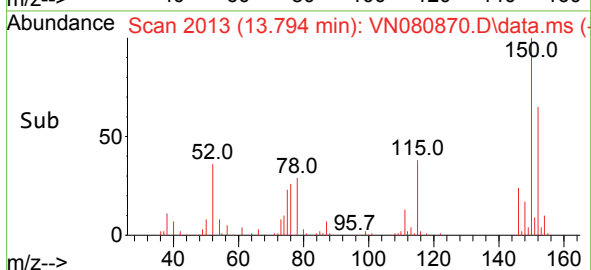
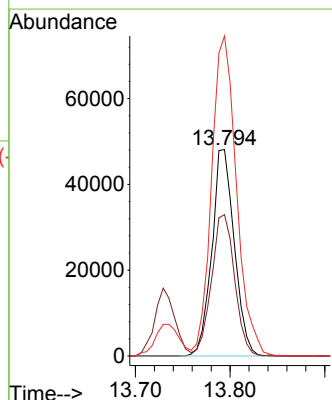
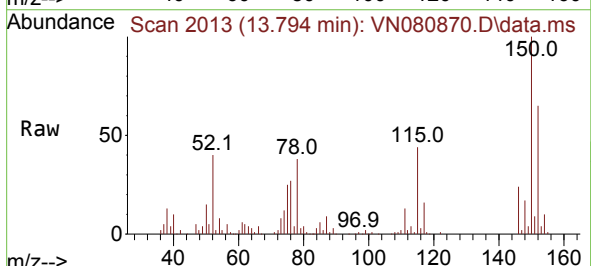
Tgt Ion:152 Resp: 79258

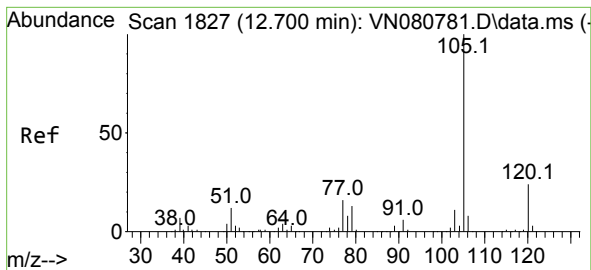
Ion Ratio Lower Upper

152 100

115 70.5 32.3 96.8

150 171.4 0.0 339.8





#73

Isopropylbenzene

Concen: 48.229 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

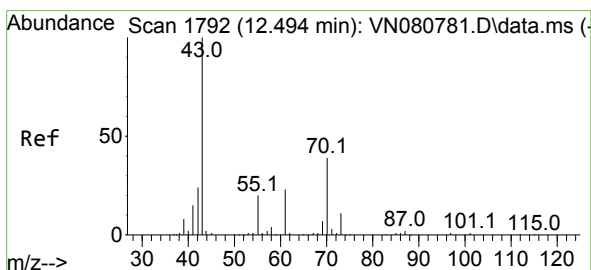
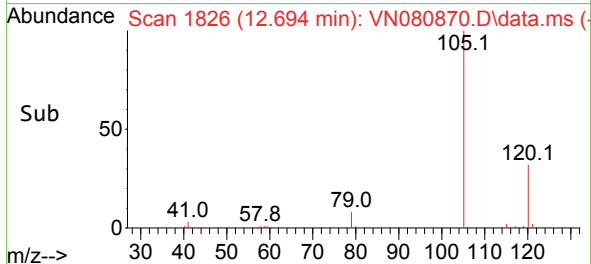
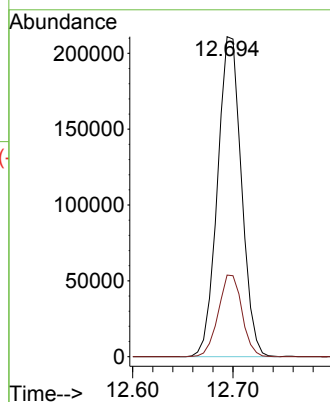
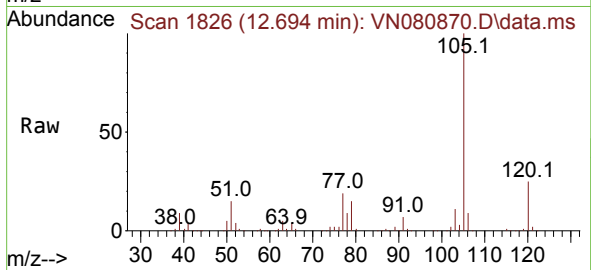
VSTDCCC050EC

Tgt Ion:105 Resp: 350052

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.6



#74

N-ethyl acetate

Concen: 49.472 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Tgt Ion: 43 Resp: 222937

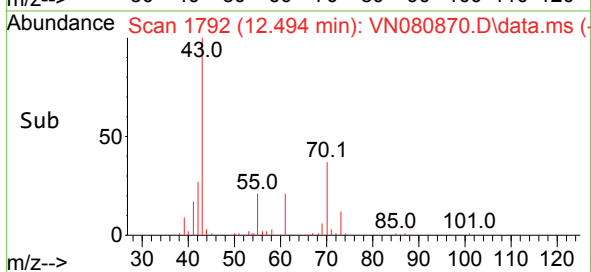
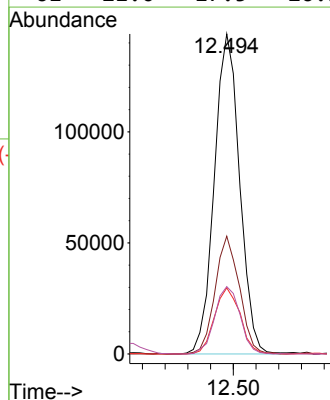
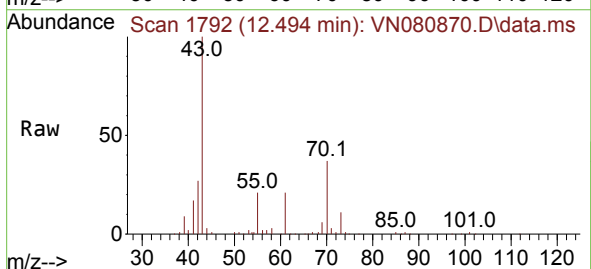
Ion Ratio Lower Upper

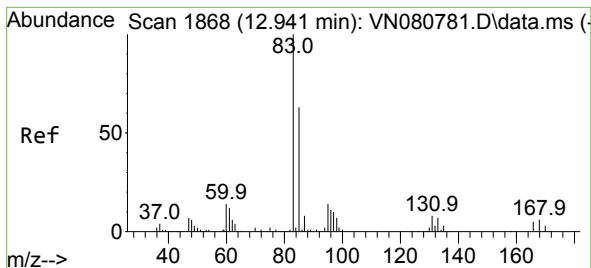
43 100

70 35.3 30.1 45.1

55 21.0 17.0 25.4

61 21.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.456 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

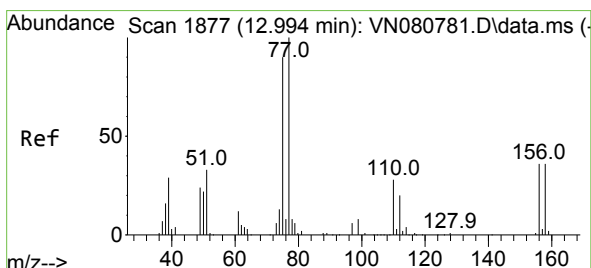
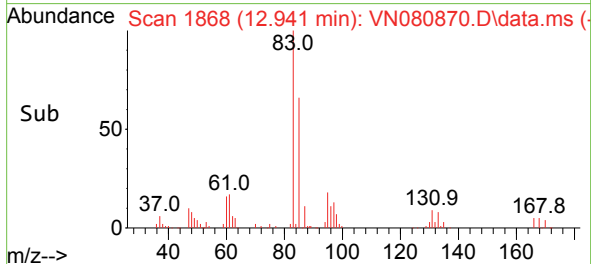
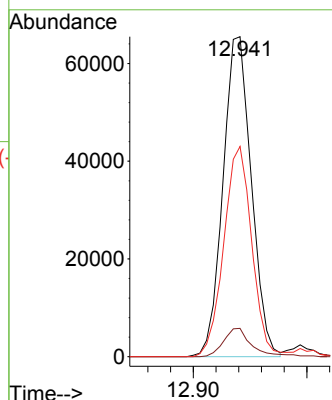
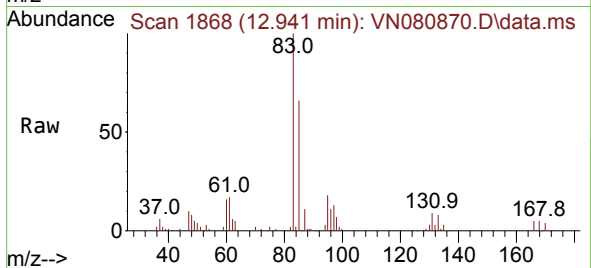
Tgt Ion: 83 Resp: 113501

Ion Ratio Lower Upper

83 100

131 8.8 4.1 12.3

85 64.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 68.140 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080870.D

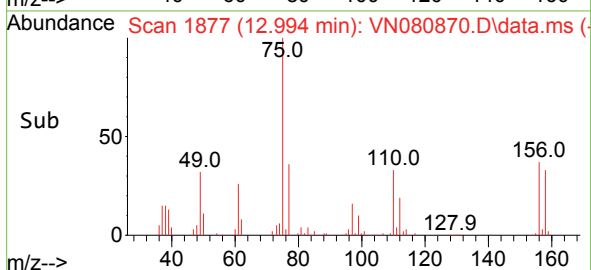
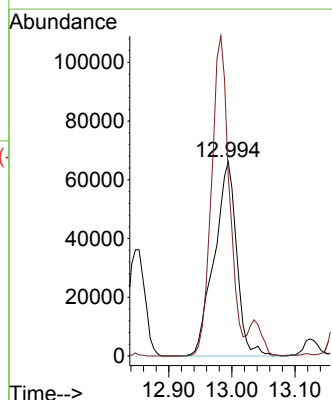
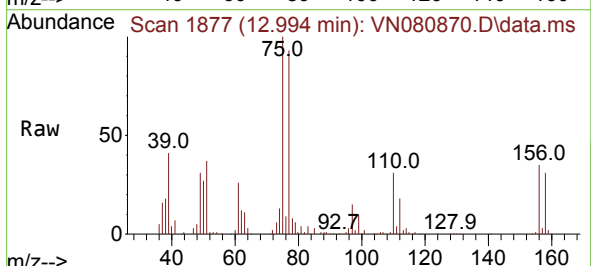
Acq: 01 Feb 2024 17:15

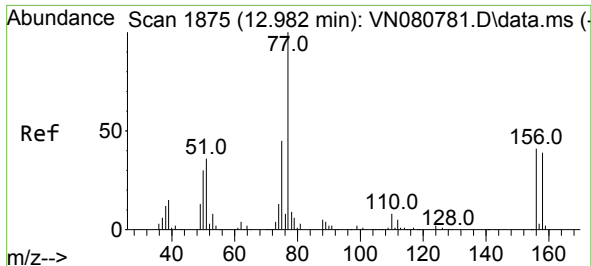
Tgt Ion: 75 Resp: 162884

Ion Ratio Lower Upper

75 100

77 130.8 91.0 272.8

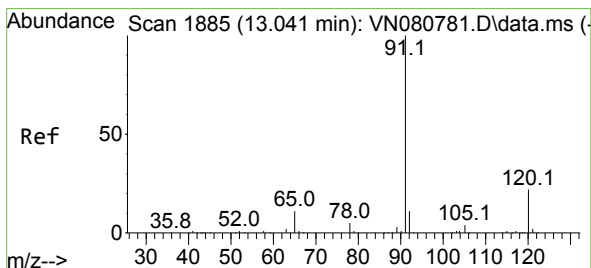
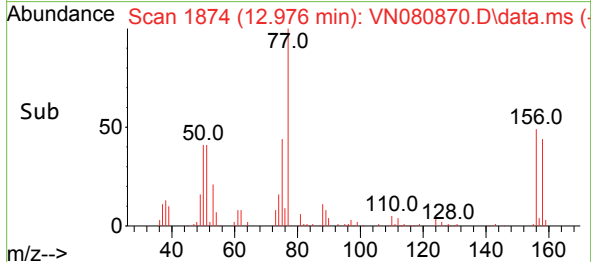
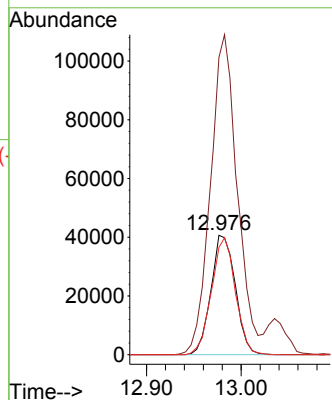
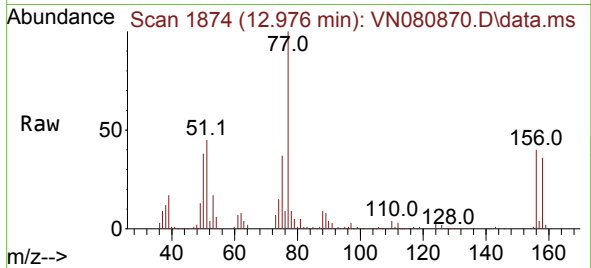




#77
Bromobenzene
Concen: 46.822 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

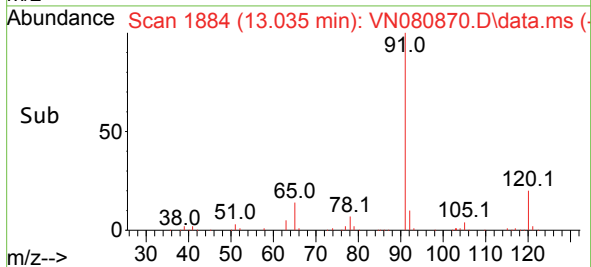
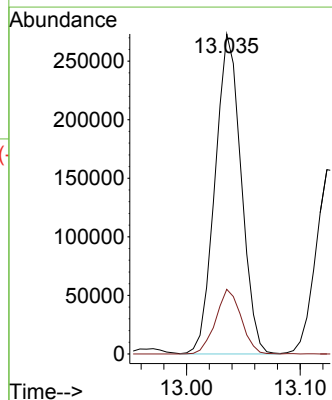
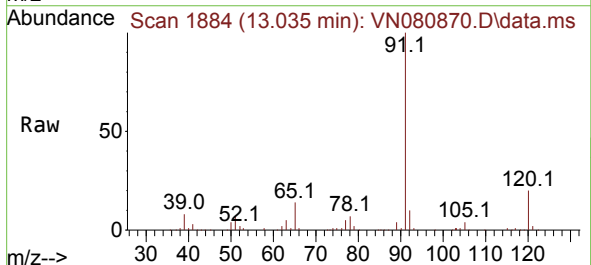
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

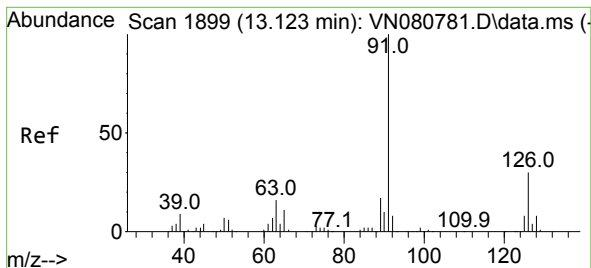
Tgt Ion:156 Resp: 72646
Ion Ratio Lower Upper
156 100
77 293.3 138.1 414.3
158 96.4 46.5 139.5



#78
n-propylbenzene
Concen: 50.397 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 91 Resp: 436989
Ion Ratio Lower Upper
91 100
120 19.6 10.3 30.9





#79

2-Chlorotoluene

Concen: 50.213 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

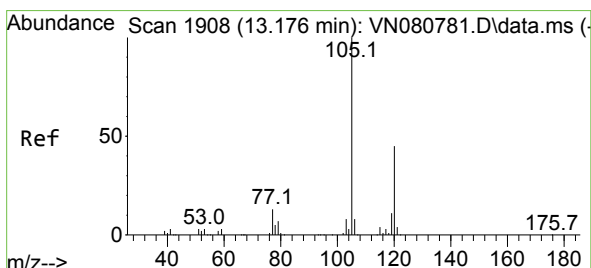
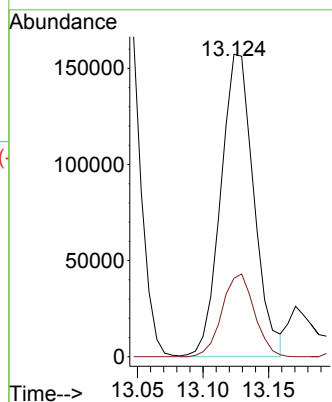
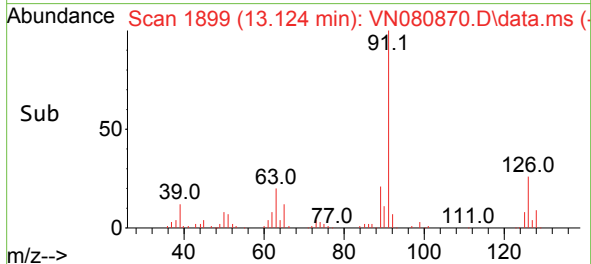
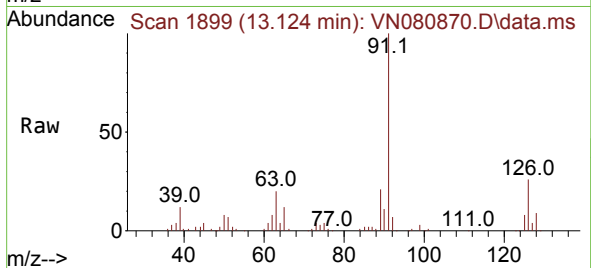
VSTDCCC050EC

Tgt Ion: 91 Resp: 276728

Ion Ratio Lower Upper

91 100

126 26.6 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 51.336 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080870.D

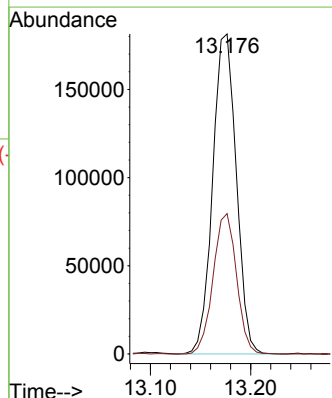
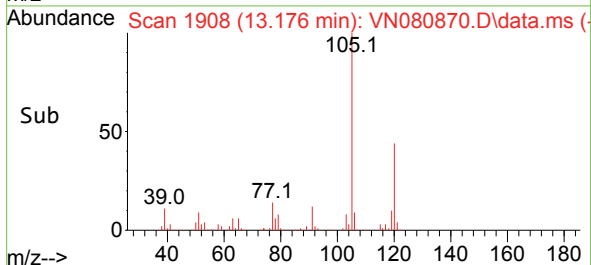
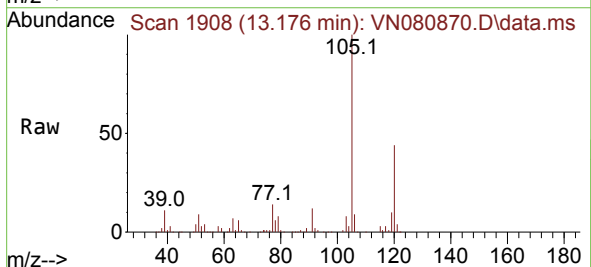
Acq: 01 Feb 2024 17:15

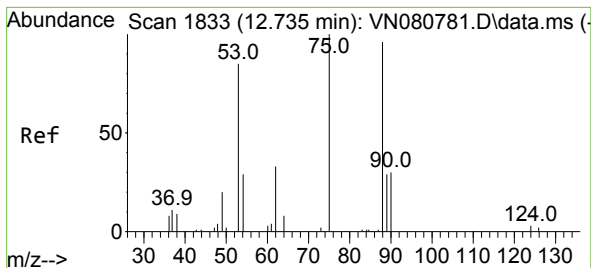
Tgt Ion:105 Resp: 296742

Ion Ratio Lower Upper

105 100

120 43.5 23.0 69.0

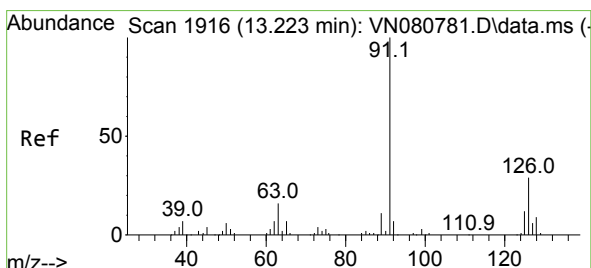
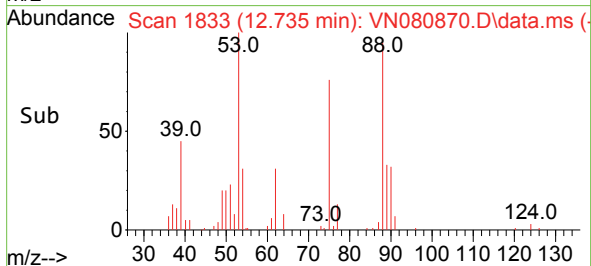
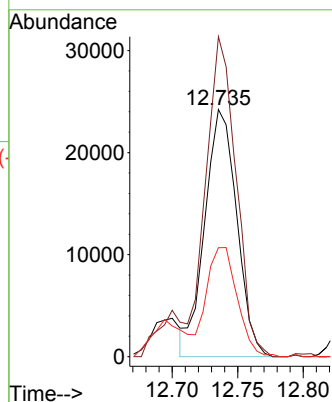
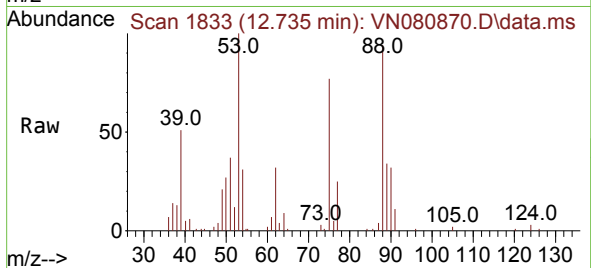




#81
trans-1,4-Dichloro-2-butene
Concen: 44.266 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

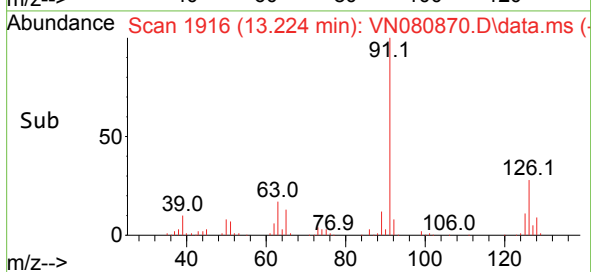
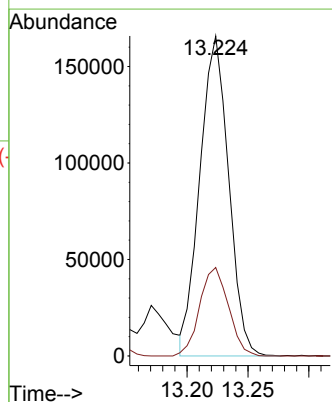
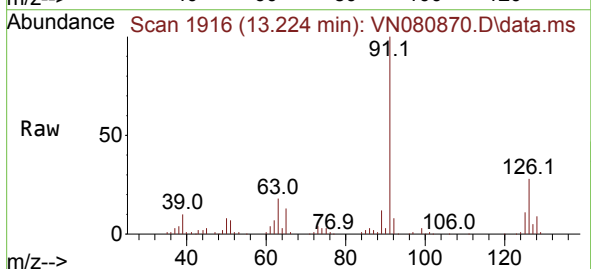
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

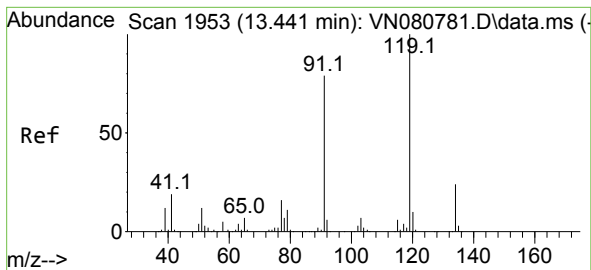
Tgt Ion: 75 Resp: 41074
Ion Ratio Lower Upper
75 100
53 121.1 71.4 107.2#
89 41.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.989 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 91 Resp: 272792
Ion Ratio Lower Upper
91 100
126 27.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.637 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

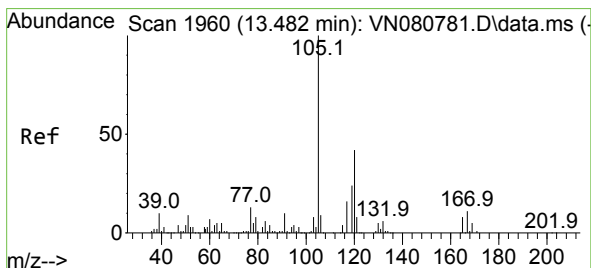
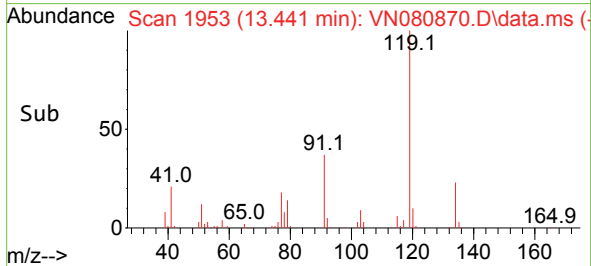
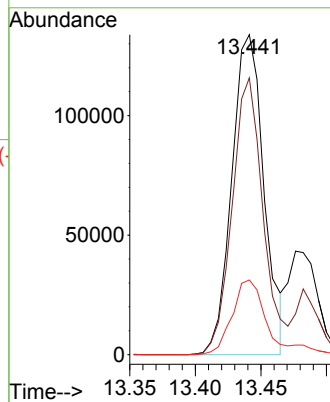
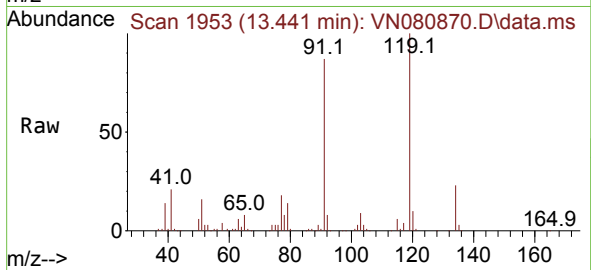
Tgt Ion:119 Resp: 229126

Ion Ratio Lower Upper

119 100

91 83.4 36.8 110.4

134 25.6 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 51.044 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080870.D

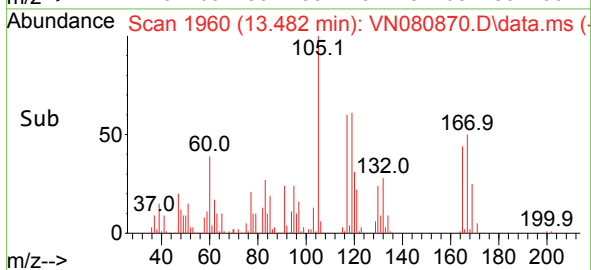
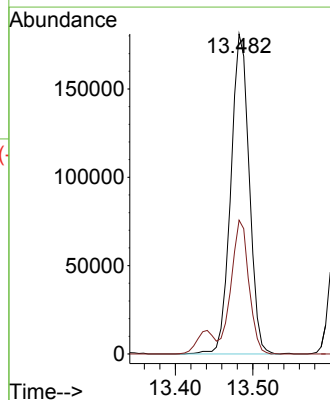
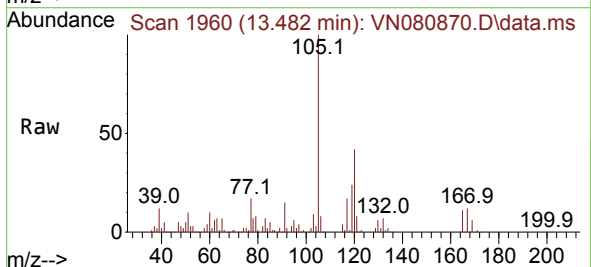
Acq: 01 Feb 2024 17:15

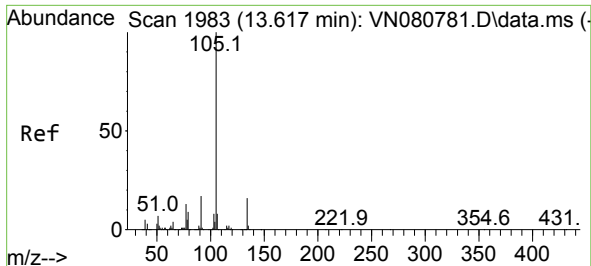
Tgt Ion:105 Resp: 298940

Ion Ratio Lower Upper

105 100

120 40.5 20.9 62.7

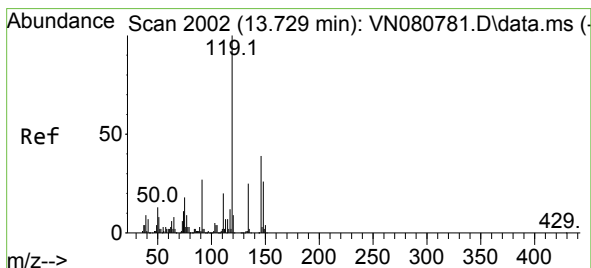
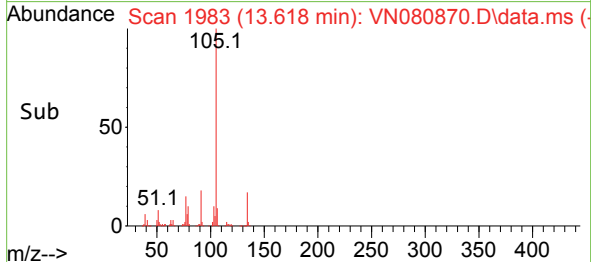
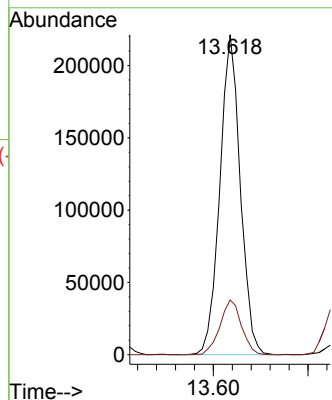
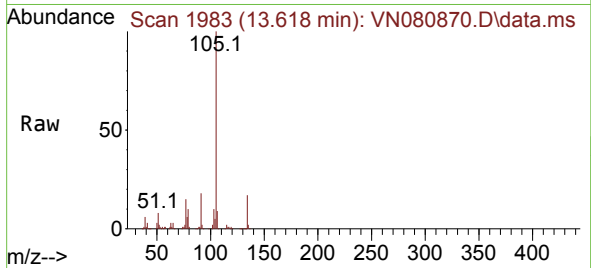




#85
 sec-Butylbenzene
 Concen: 48.749 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

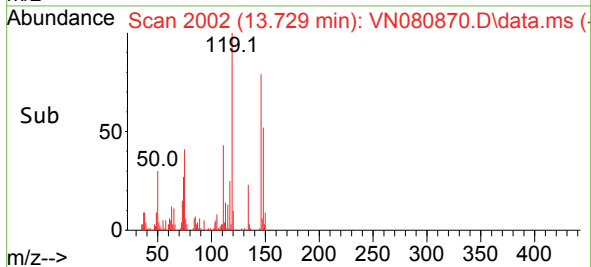
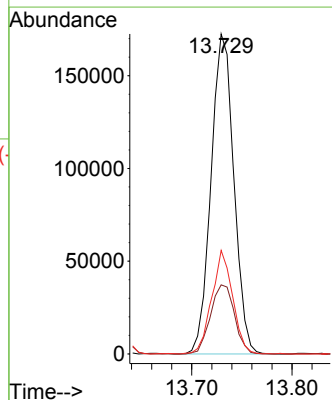
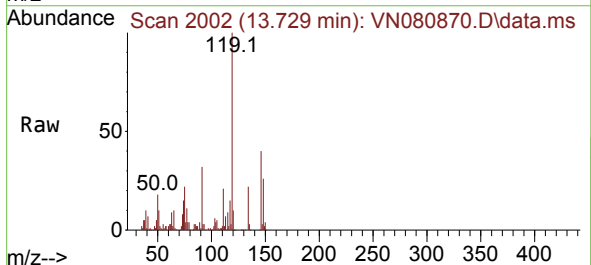
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

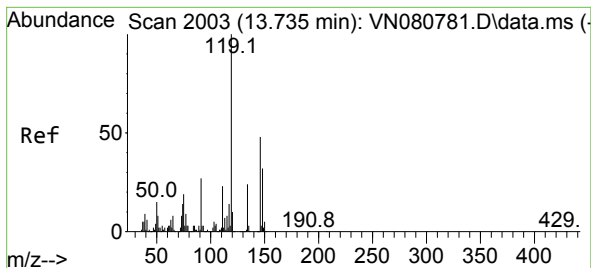
Tgt Ion:105 Resp: 331756
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 51.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080870.D
 Acq: 01 Feb 2024 17:15

Tgt Ion:119 Resp: 272538
 Ion Ratio Lower Upper
 119 100
 134 22.8 12.4 37.2
 91 29.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 47.683 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

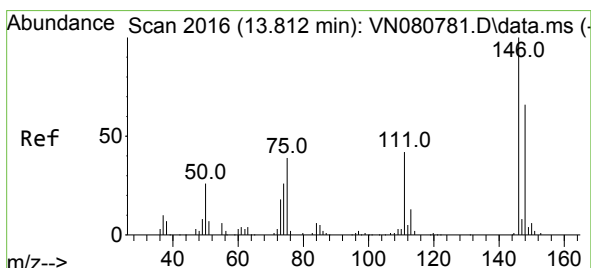
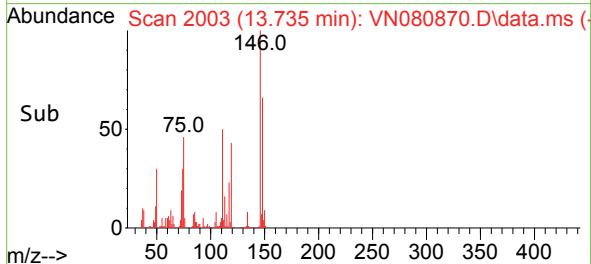
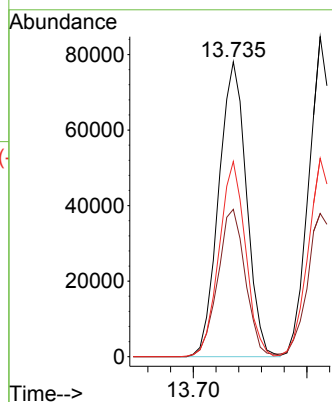
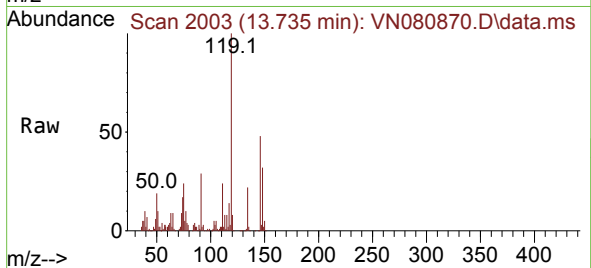
Tgt Ion:146 Resp: 132328

Ion Ratio Lower Upper

146 100

111 49.6 23.9 71.7

148 63.1 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 48.626 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

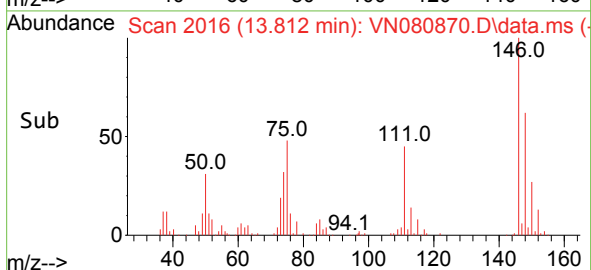
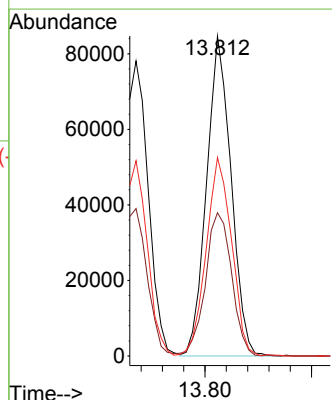
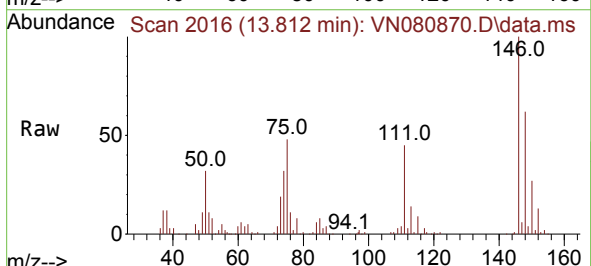
Tgt Ion:146 Resp: 135290

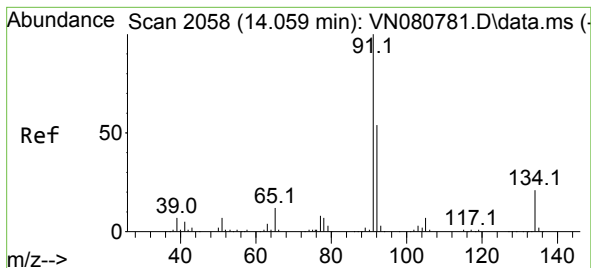
Ion Ratio Lower Upper

146 100

111 48.2 22.6 67.7

148 64.6 31.9 95.5

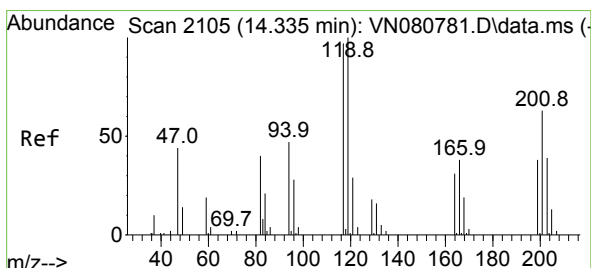
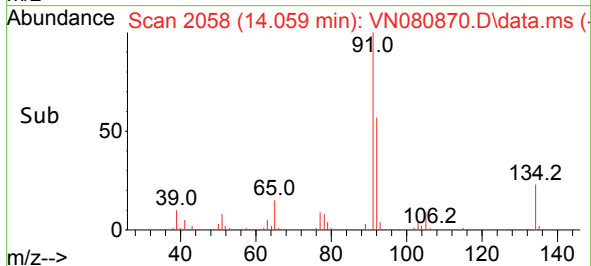
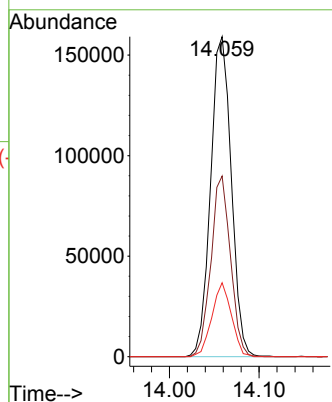
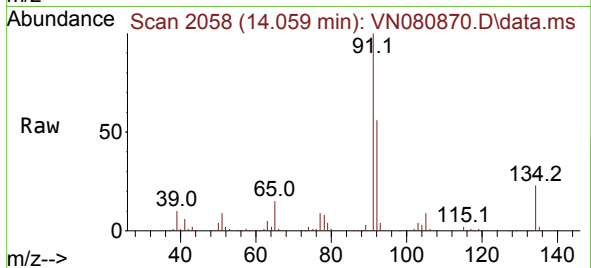




#89
n-Butylbenzene
Concen: 49.206 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

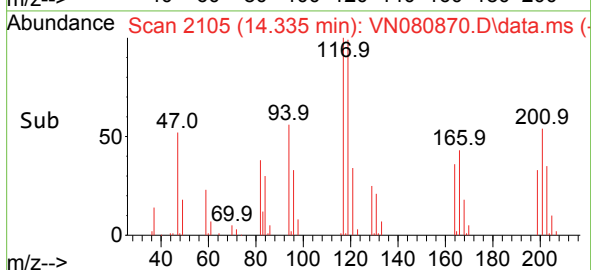
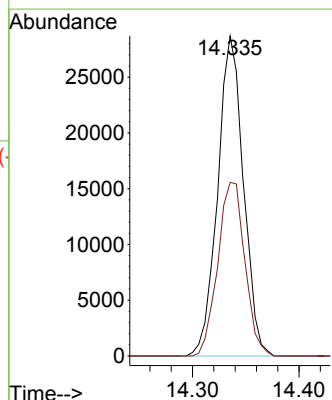
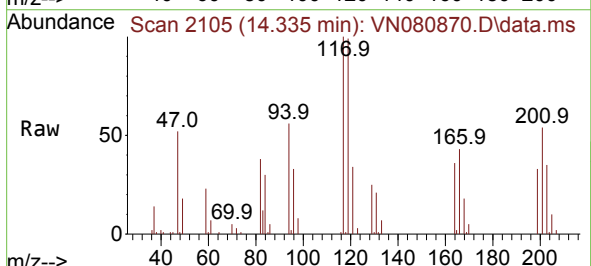
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

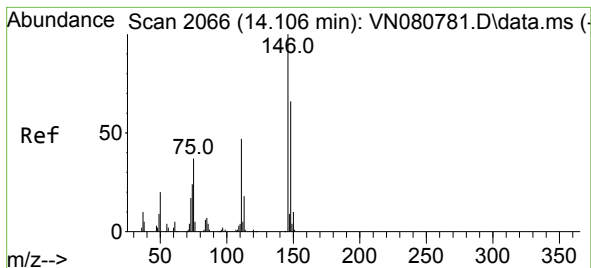
Tgt Ion: 91 Resp: 254656
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 21.9 10.8 32.4



#90
Hexachloroethane
Concen: 51.953 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 117 Resp: 48077
Ion Ratio Lower Upper
117 100
201 57.2 30.0 90.0

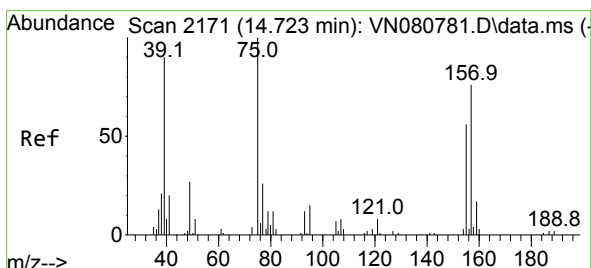
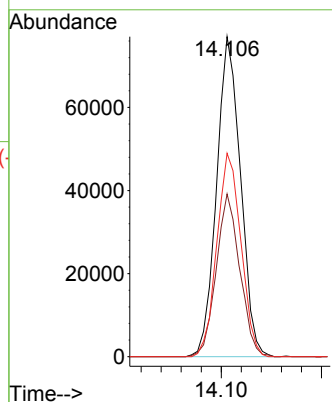
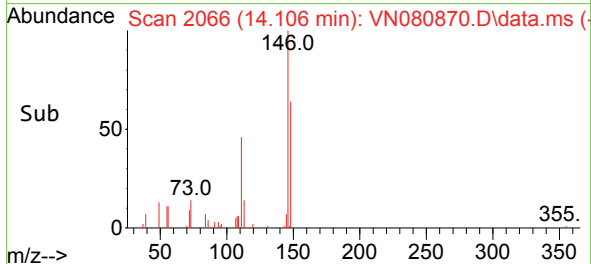
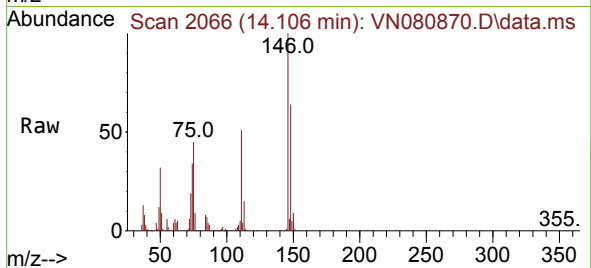




#91
1,2-Dichlorobenzene
Concen: 50.204 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

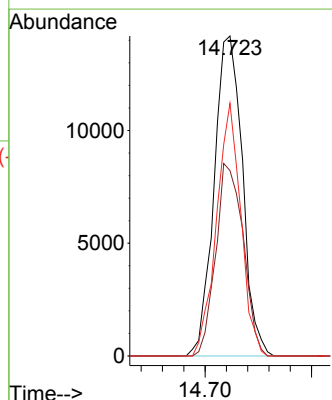
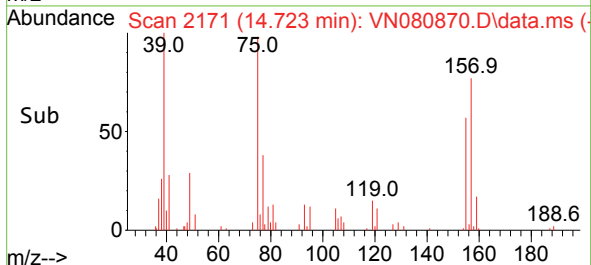
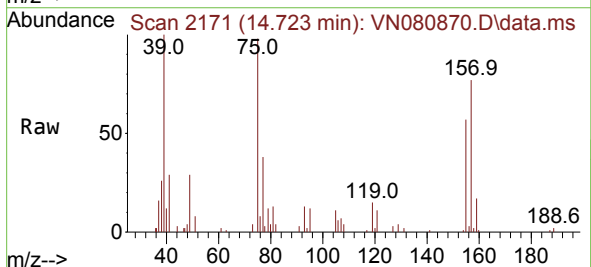
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

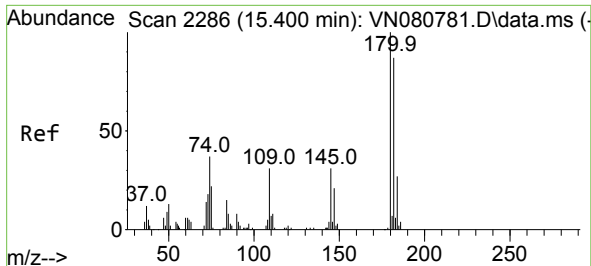
Tgt Ion:146 Resp: 127519
Ion Ratio Lower Upper
146 100
111 50.1 23.9 71.8
148 64.0 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion: 75 Resp: 26110
Ion Ratio Lower Upper
75 100
155 58.5 31.8 95.4
157 67.9 41.1 123.4

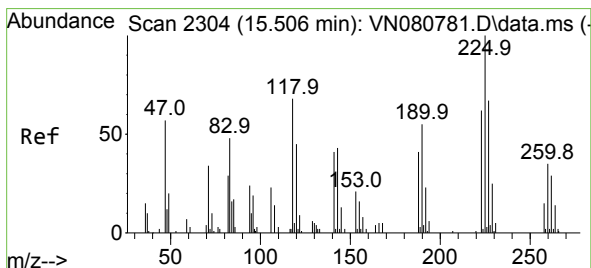
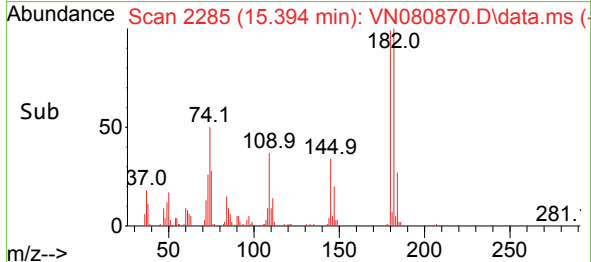
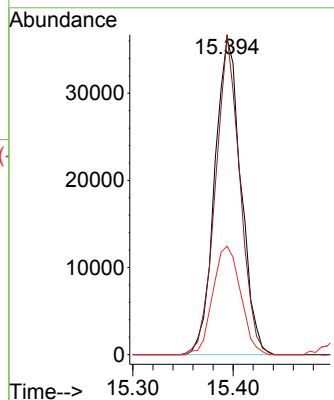
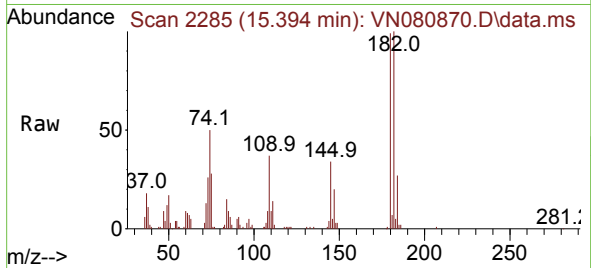




#93
1,2,4-Trichlorobenzene
Concen: 50.425 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

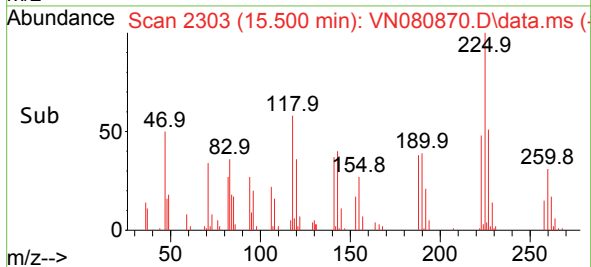
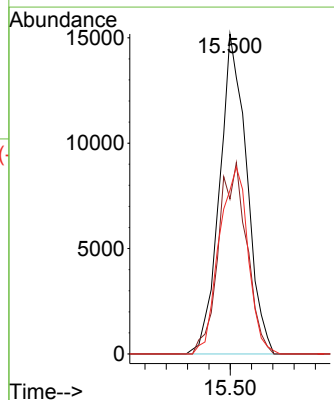
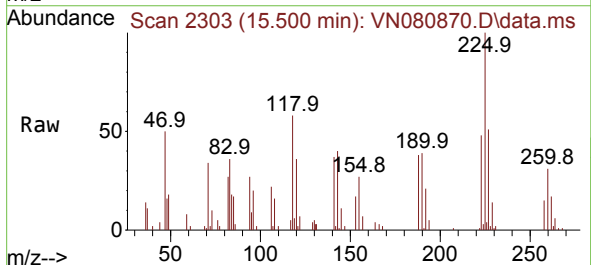
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

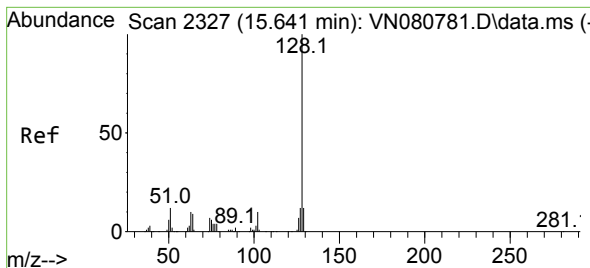
Tgt Ion:180 Resp: 65922
Ion Ratio Lower Upper
180 100
182 94.0 46.6 139.7
145 36.2 16.8 50.3



#94
Hexachlorobutadiene
Concen: 47.016 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080870.D
Acq: 01 Feb 2024 17:15

Tgt Ion:225 Resp: 26853
Ion Ratio Lower Upper
225 100
223 62.4 33.3 99.8
227 62.2 33.1 99.2





#95

Naphthalene

Concen: 47.398 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080870.D

Acq: 01 Feb 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

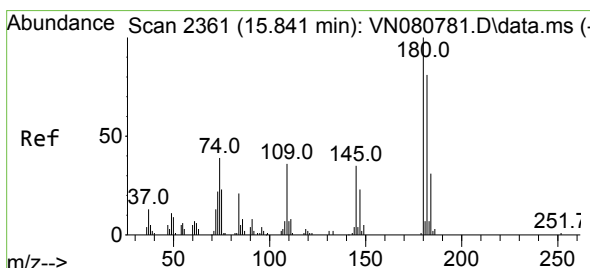
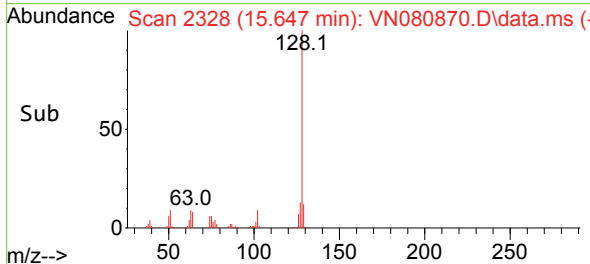
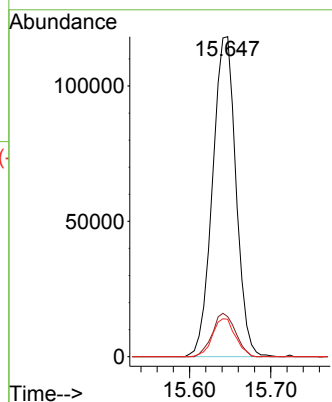
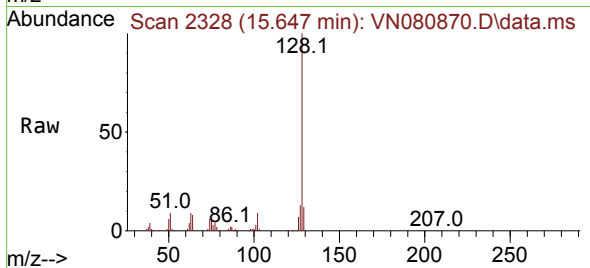
Tgt Ion:128 Resp: 237109

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.317 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080870.D

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Tgt Ion:180 Resp: 59518

Ion Ratio Lower Upper

180 100

182 98.2 46.5 139.3

145 36.4 17.8 53.4

