

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081656.D
 Acq On : 02 Apr 2024 16:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 03 01:34:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	340270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	578262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	547552	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	273070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211038	48.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.260%
35) Dibromofluoromethane	8.171	113	188328	51.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.571	98	658882	49.945	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.853	95	248222	53.399	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	183355	40.019	ug/l	98
3) Chloromethane	2.359	50	191266	41.928	ug/l	96
4) Vinyl Chloride	2.518	62	200242	39.113	ug/l	97
5) Bromomethane	2.959	94	132736	36.661	ug/l	91
6) Chloroethane	3.124	64	153463	43.659	ug/l	98
7) Trichlorofluoromethane	3.500	101	369809	48.468	ug/l	88
8) Diethyl Ether	3.959	74	124445	49.283	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	222369	51.292	ug/l	91
10) Methyl Iodide	4.589	142	223965	51.876	ug/l	99
11) Tert butyl alcohol	5.506	59	153071	202.419	ug/l	99
12) 1,1-Dichloroethene	4.342	96	187306	46.643	ug/l	83
13) Acrolein	4.177	56	128362	189.167	ug/l	97
14) Allyl chloride	5.024	41	246315	48.950	ug/l	# 83
15) Acrylonitrile	5.712	53	489233	241.829	ug/l	98
16) Acetone	4.418	43	315560	225.019	ug/l	100
17) Carbon Disulfide	4.706	76	447782	38.857	ug/l	98
18) Methyl Acetate	5.018	43	248368	57.446	ug/l	# 88
19) Methyl tert-butyl Ether	5.794	73	676828	53.855	ug/l	97
20) Methylene Chloride	5.277	84	228445	49.730	ug/l	# 81
21) trans-1,2-Dichloroethene	5.783	96	219492	49.021	ug/l	85
22) Diisopropyl ether	6.671	45	646822	55.322	ug/l	# 91
23) Vinyl Acetate	6.600	43	2336418	251.052	ug/l	# 89
24) 1,1-Dichloroethane	6.565	63	402413	51.387	ug/l	96
25) 2-Butanone	7.477	43	577234	239.978	ug/l	# 88
26) 2,2-Dichloropropane	7.494	77	383892	56.520	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	274719	54.227	ug/l	83
28) Bromochloromethane	7.818	49	147267	46.170	ug/l	# 54
29) Tetrahydrofuran	7.835	42	388518	239.765	ug/l	# 79
30) Chloroform	7.965	83	456168	54.414	ug/l	98
31) Cyclohexane	8.259	56	313758	44.434	ug/l	# 66
32) 1,1,1-Trichloroethane	8.165	97	408111	53.657	ug/l	93
36) 1,1-Dichloropropene	8.371	75	312310	50.852	ug/l	94
37) Ethyl Acetate	7.559	43	239619	45.564	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	355491	52.839	ug/l	96
39) Methylcyclohexane	9.600	83	353490	51.540	ug/l	85
40) Benzene	8.606	78	948674	52.835	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	144111	51.816	ug/l	91
42) 1,2-Dichloroethane	8.671	62	332723	52.656	ug/l	97
43) Isopropyl Acetate	8.688	43	465825	53.437	ug/l #	94
44) Trichloroethene	9.353	130	265118	52.499	ug/l	95
45) 1,2-Dichloropropane	9.624	63	238991	54.921	ug/l	97
46) Dibromomethane	9.712	93	179238	54.238	ug/l #	88
47) Bromodichloromethane	9.888	83	370689	57.373	ug/l #	99
48) Methyl methacrylate	9.682	41	205764	51.175	ug/l #	86
49) 1,4-Dioxane	9.694	88	88585	916.783	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	1327721	249.606	ug/l	91
52) Toluene	10.629	92	635327	55.671	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	386035	55.331	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	413372	55.262	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	257929	56.160	ug/l	94
56) Ethyl methacrylate	10.876	69	347089	50.688	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	418732	55.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	764533	264.555	ug/l #	83
59) 2-Hexanone	11.194	43	981010	249.446	ug/l	90
60) Dibromochloromethane	11.359	129	287076	56.836	ug/l	99
61) 1,2-Dibromoethane	11.470	107	255306	54.524	ug/l	97
64) Tetrachloroethene	11.106	164	271602	51.893	ug/l	93
65) Chlorobenzene	11.894	112	688972	53.227	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	264217	55.074	ug/l	98
67) Ethyl Benzene	11.965	91	1218051	54.172	ug/l	95
68) m/p-Xylenes	12.070	106	947889	112.453	ug/l	93
69) o-Xylene	12.400	106	457616	55.300	ug/l	93
70) Styrene	12.412	104	779022	58.370	ug/l	95
71) Bromoform	12.576	173	192595	53.423	ug/l #	97
73) Isopropylbenzene	12.700	105	1218602	52.353	ug/l	97
74) N-amyl acetate	12.494	43	394947	46.886	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	323362	47.249	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	445944	68.271	ug/l	65
77) Bromobenzene	12.982	156	279691	48.642	ug/l	72
78) n-propylbenzene	13.035	91	1464836	53.289	ug/l	95
79) 2-Chlorotoluene	13.129	91	845492	51.391	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1042931	54.247	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	113987	47.157	ug/l	86
82) 4-Chlorotoluene	13.223	91	854910	52.706	ug/l	94
83) tert-Butylbenzene	13.441	119	874688	52.760	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1061326	54.926	ug/l	96
85) sec-Butylbenzene	13.617	105	1291157	54.479	ug/l	94
86) p-Isopropyltoluene	13.729	119	1087494	56.133	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	561323	53.133	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	554700	50.708	ug/l	96
89) n-Butylbenzene	14.059	91	956811	55.697	ug/l	96
90) Hexachloroethane	14.335	117	197082	53.715	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	533403	52.458	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68253	46.862	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	306489	52.130	ug/l	98
94) Hexachlorobutadiene	15.506	225	121979	47.285	ug/l	97
95) Naphthalene	15.641	128	981051	51.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	302519	51.154	ug/l	97

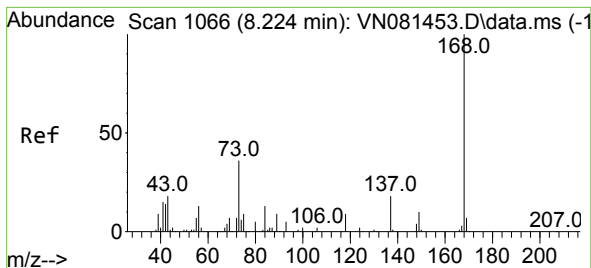
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

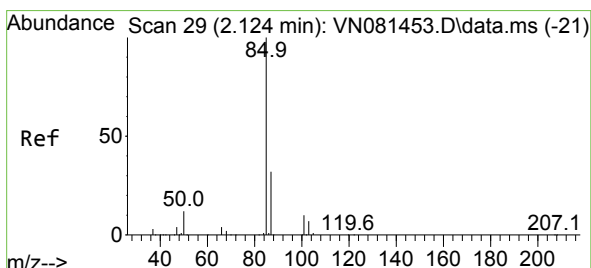
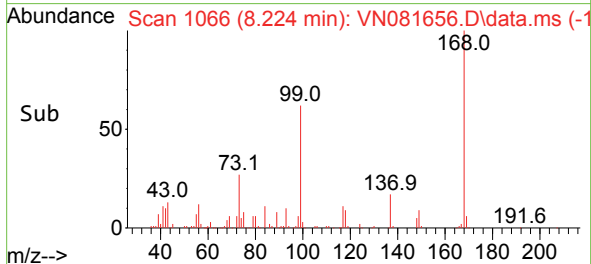
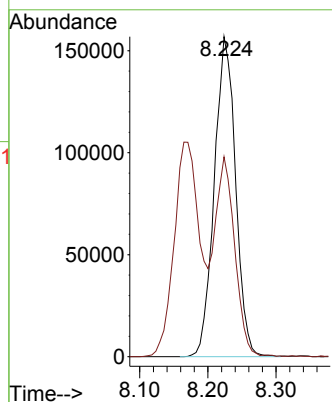
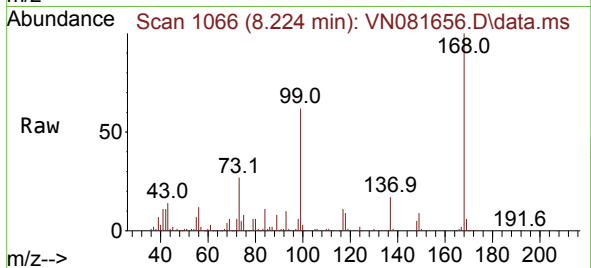
VSTDCCC050EC

Tgt Ion:168 Resp: 340270

Ion Ratio Lower Upper

168 100

99 62.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 40.019 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081656.D

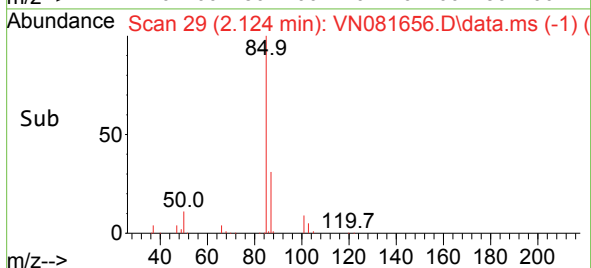
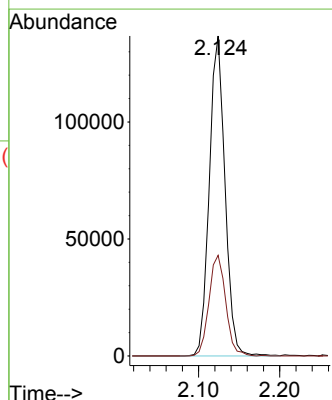
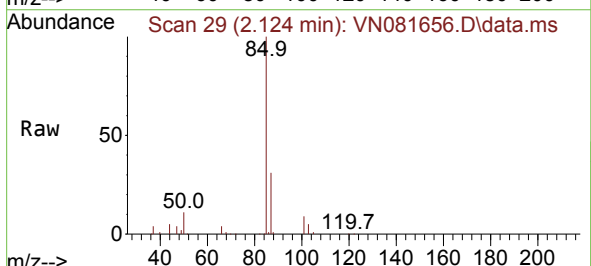
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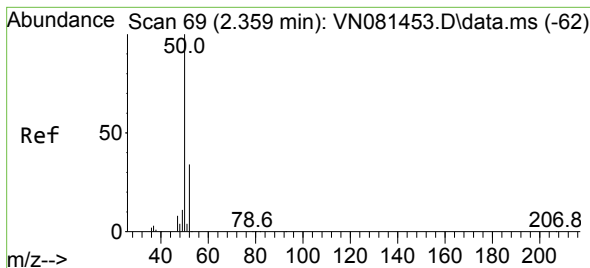
Tgt Ion: 85 Resp: 183355

Ion Ratio Lower Upper

85 100

87 31.5 15.3 45.9





#3

Chloromethane

Concen: 41.928 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

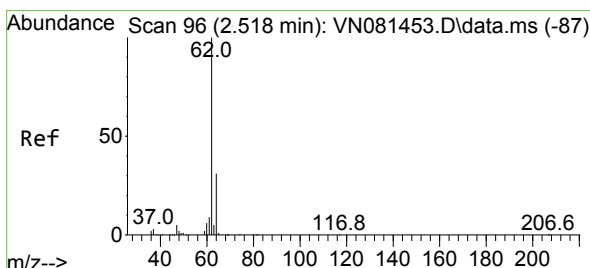
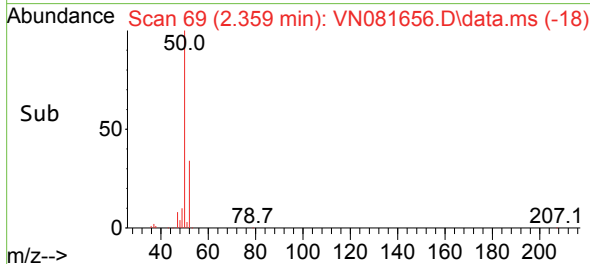
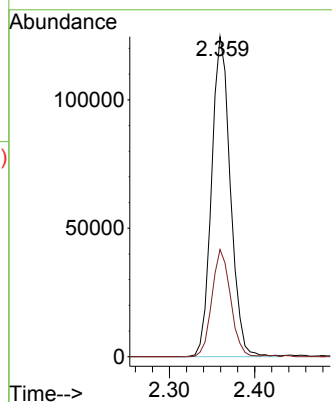
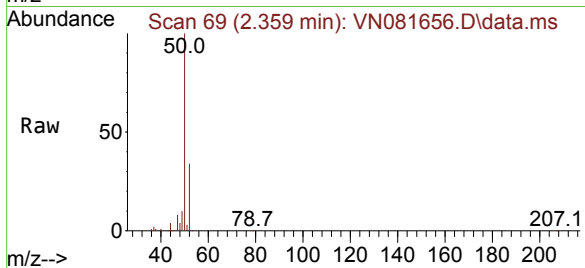
VSTDCCC050EC

Tgt Ion: 50 Resp: 191266

Ion Ratio Lower Upper

50 100

52 33.5 25.0 37.4



#4

Vinyl Chloride

Concen: 39.113 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081656.D

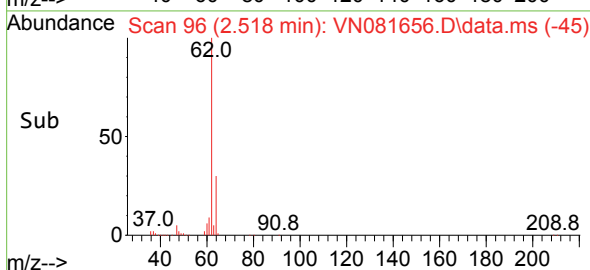
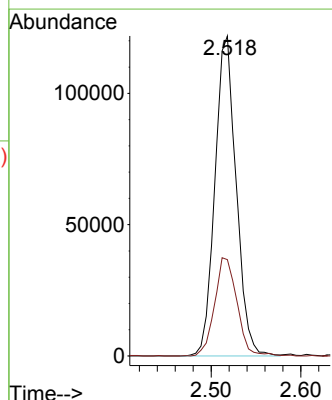
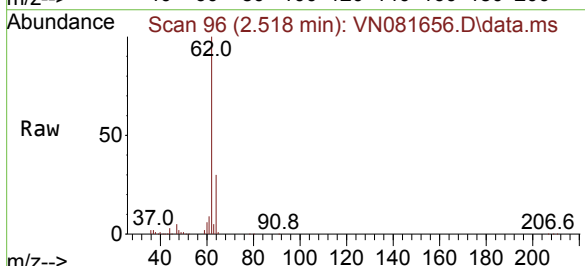
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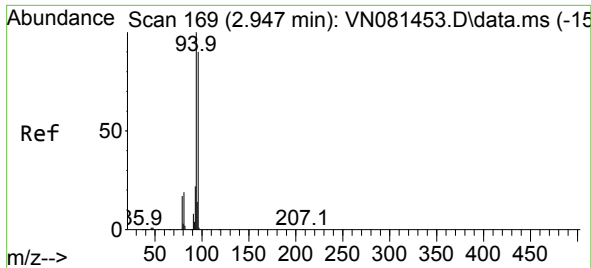
Tgt Ion: 62 Resp: 200242

Ion Ratio Lower Upper

62 100

64 30.1 22.7 34.1

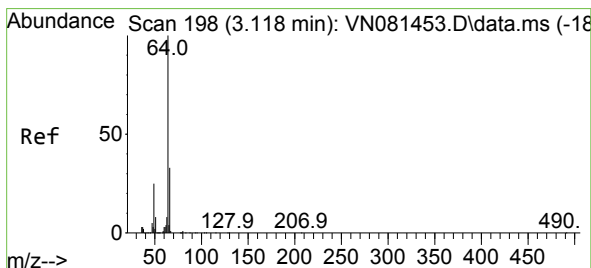
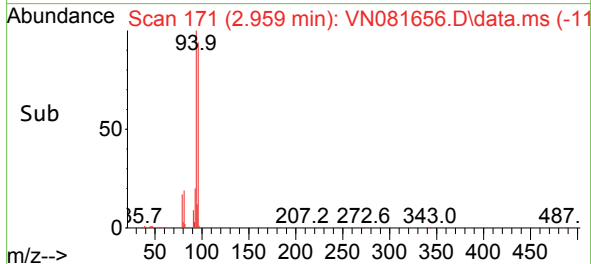
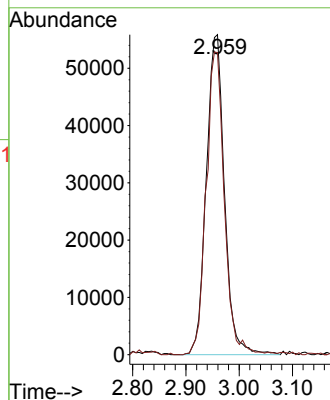
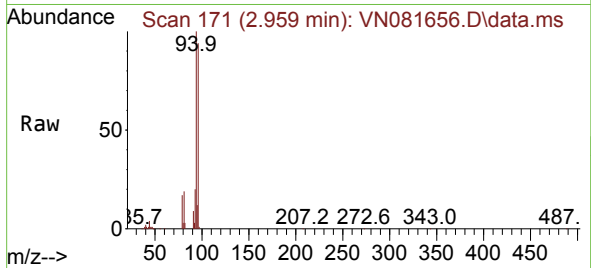




#5
Bromomethane
Concen: 36.661 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

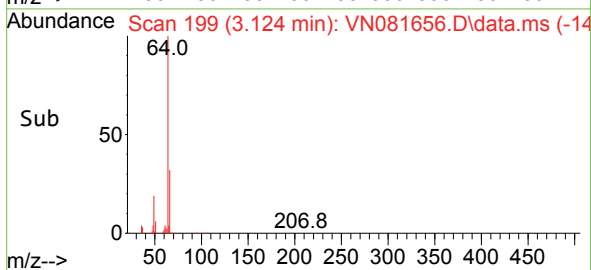
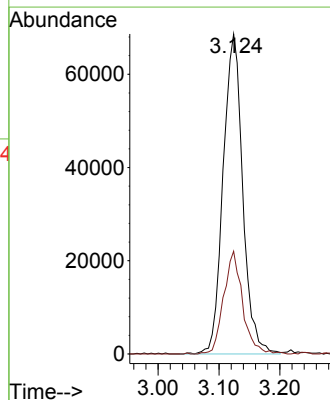
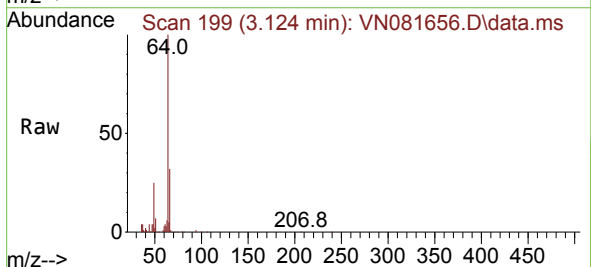
Instrument :
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VSTDCCC050EC

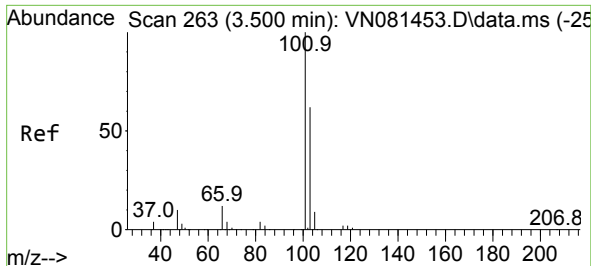
Tgt Ion: 94 Resp: 132736
Ion Ratio Lower Upper
94 100
96 94.4 69.2 103.8



#6
Chloroethane
Concen: 43.659 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 64 Resp: 153463
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6

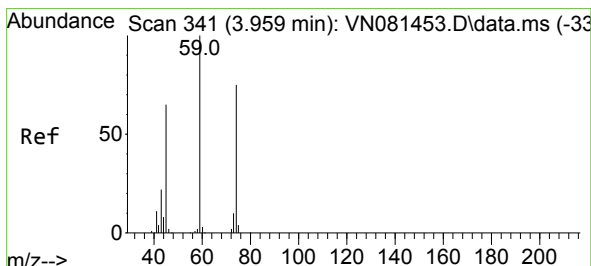
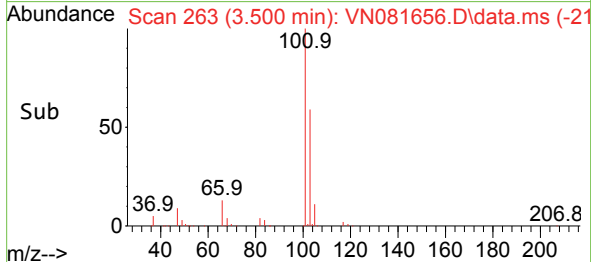
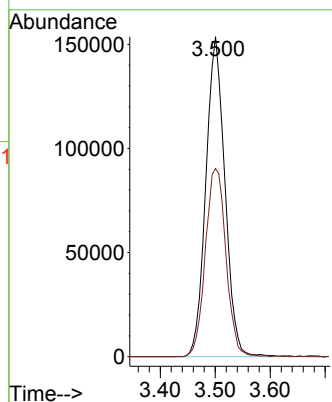
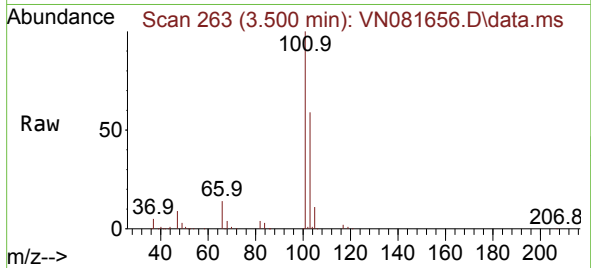




#7
 Trichlorofluoromethane
 Concen: 48.468 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

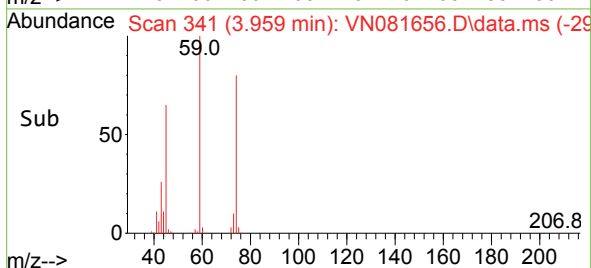
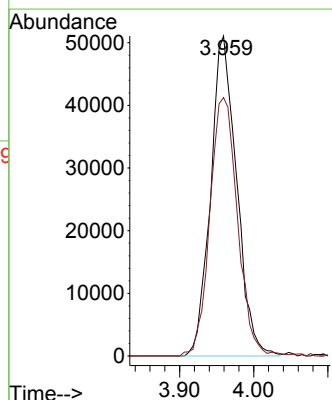
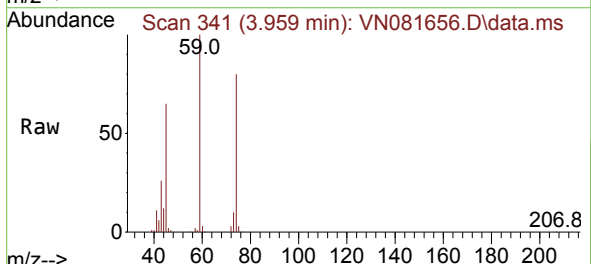
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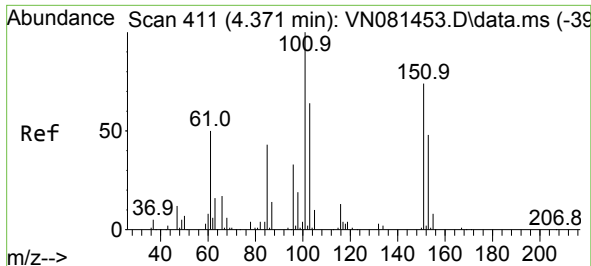
Tgt Ion:101 Resp: 369809
 Ion Ratio Lower Upper
 101 100
 103 58.7 54.4 81.6



#8
 Diethyl Ether
 Concen: 49.283 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion: 74 Resp: 124445
 Ion Ratio Lower Upper
 74 100
 45 85.9 53.3 159.9

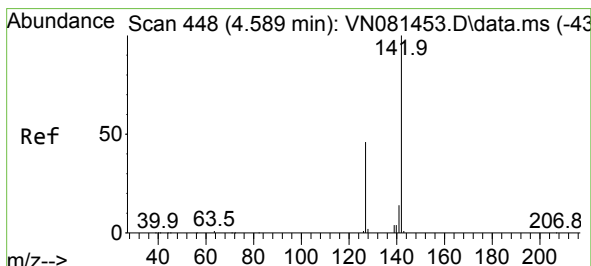
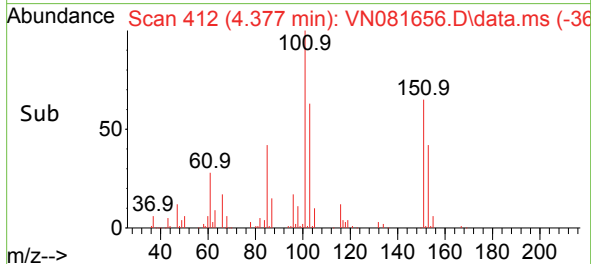
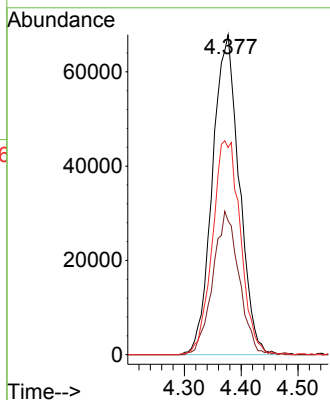
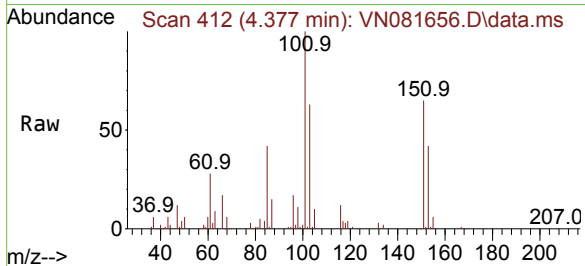




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.292 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081656.D
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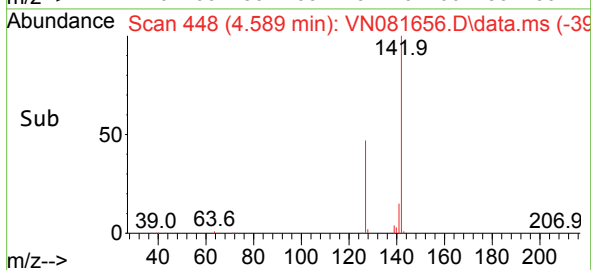
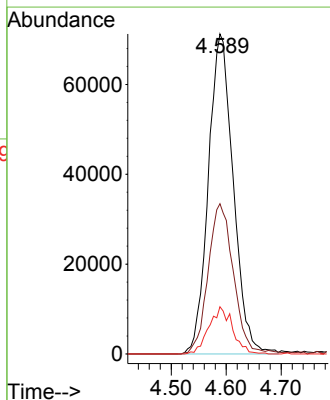
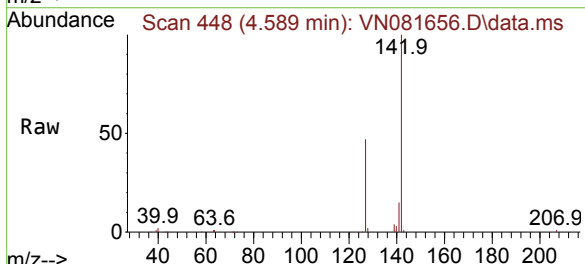
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

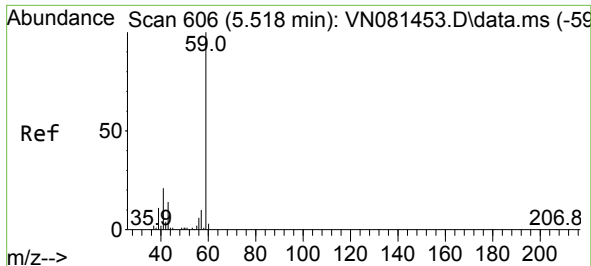
Tgt Ion:101 Resp: 222369
Ion Ratio Lower Upper
101 100
85 43.8 38.1 57.1
151 70.2 49.1 73.7



#10
Methyl Iodide
Concen: 51.876 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:142 Resp: 223965
Ion Ratio Lower Upper
142 100
127 46.9 37.0 55.4
141 14.7 12.5 18.7

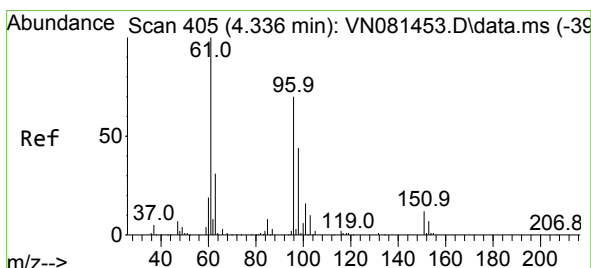
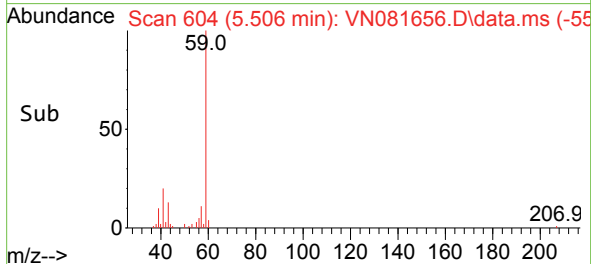
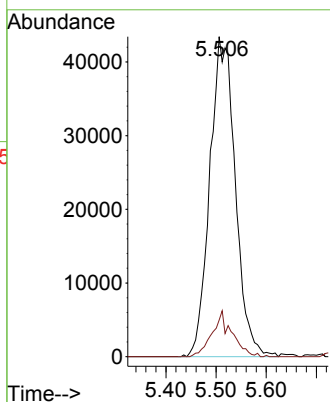
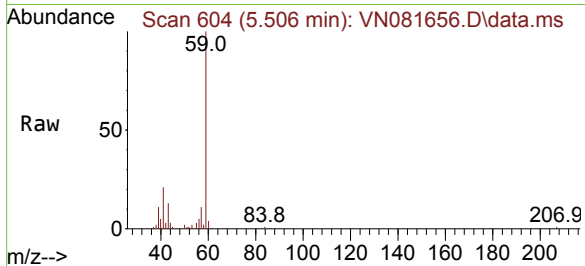




#11
Tert butyl alcohol
Concen: 202.419 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

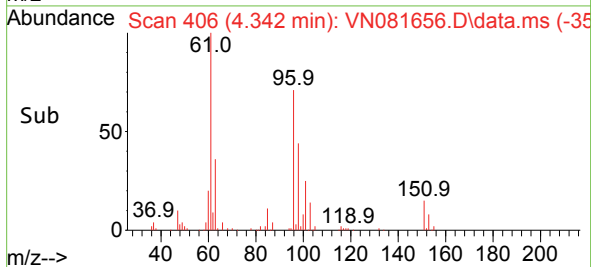
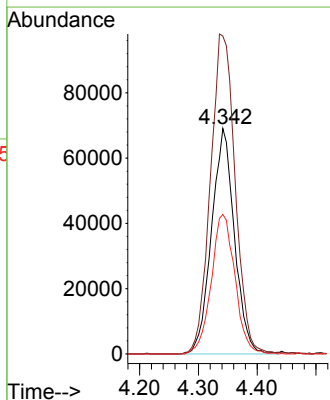
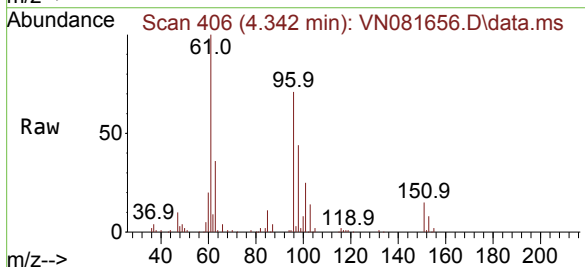
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

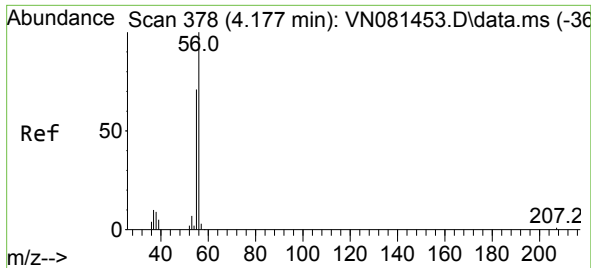
Tgt Ion: 59 Resp: 153071
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.643 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 96 Resp: 187306
Ion Ratio Lower Upper
96 100
61 141.0 138.2 207.4
98 61.9 49.2 73.8

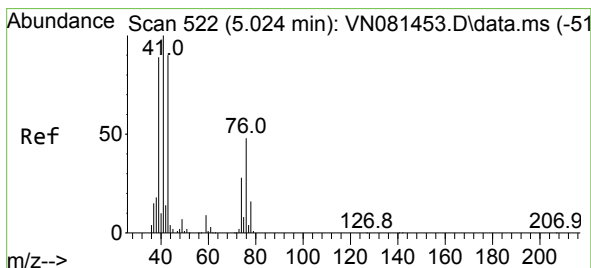
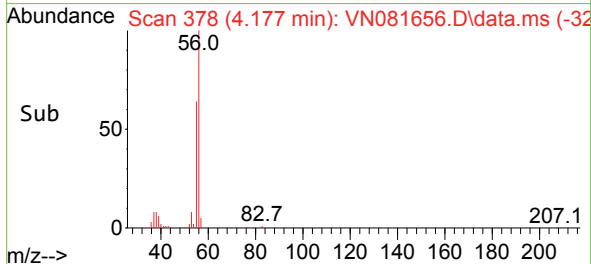
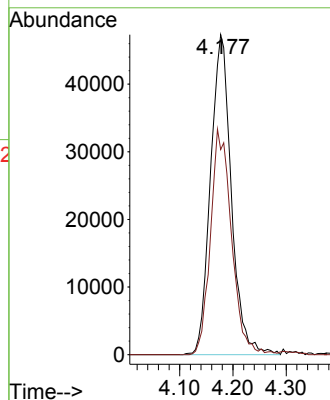
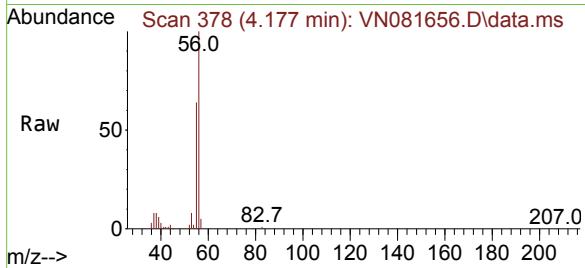




#13
Acrolein
Concen: 189.167 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

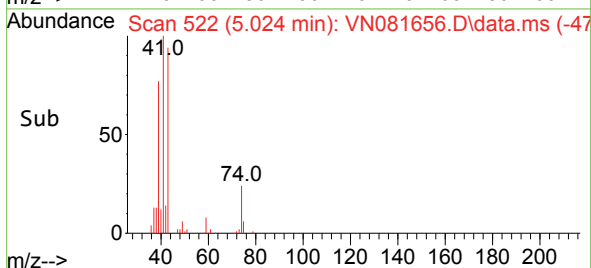
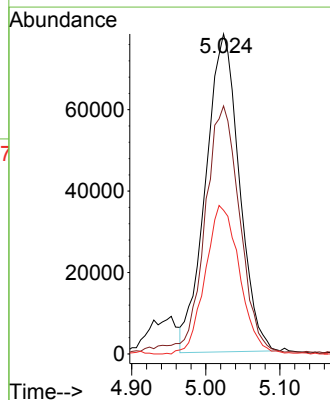
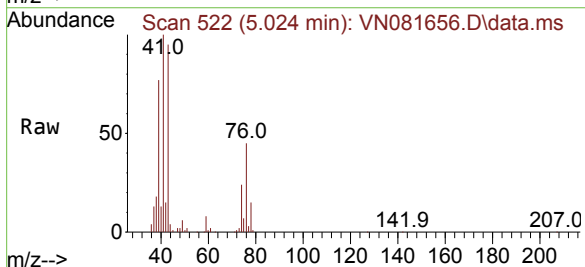
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

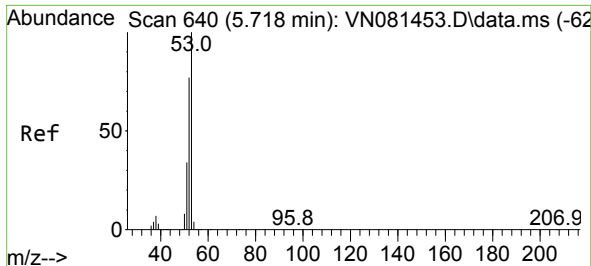
Tgt Ion: 56 Resp: 128362
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 48.950 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 41 Resp: 246315
Ion Ratio Lower Upper
41 100
39 82.8 57.7 86.5
76 47.8 26.8 40.2#

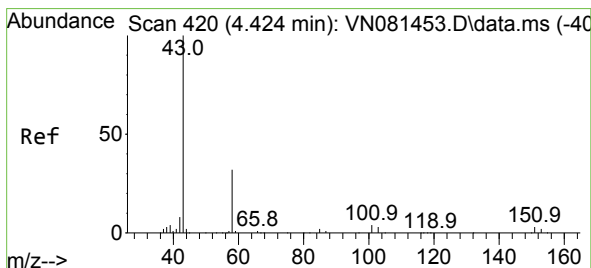
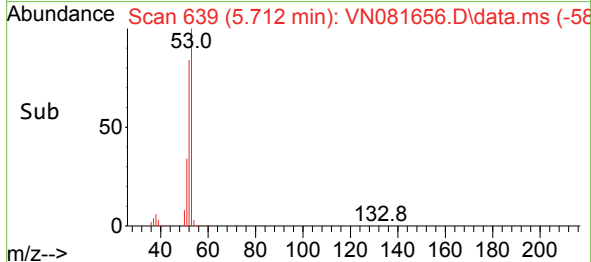
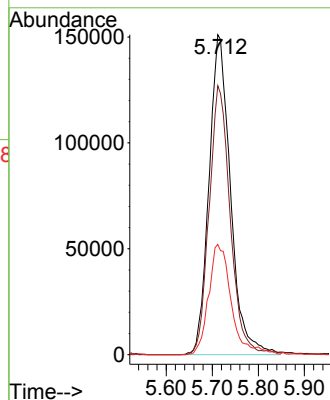
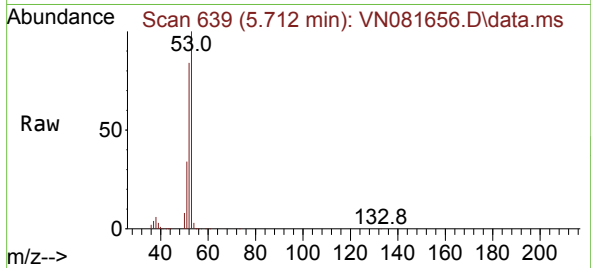




#15
Acrylonitrile
Concen: 241.829 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

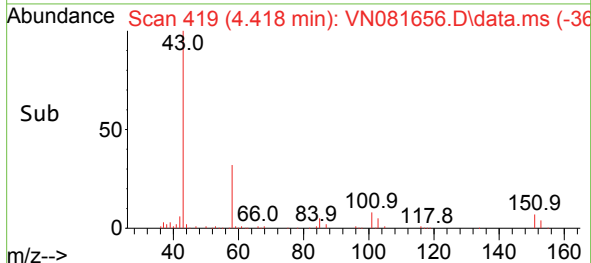
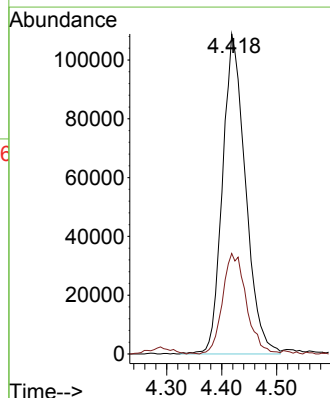
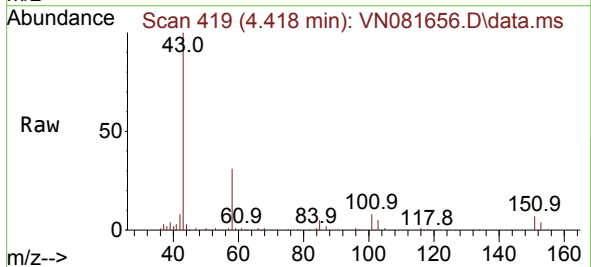
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

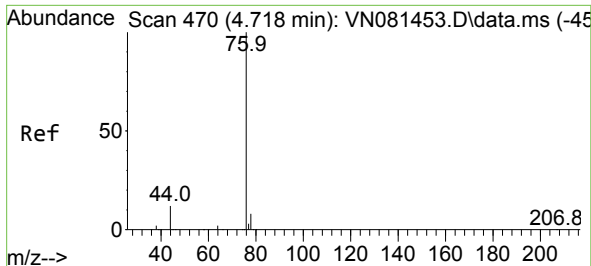
Tgt Ion: 53 Resp: 489233
Ion Ratio Lower Upper
53 100
52 82.0 64.8 97.2
51 35.1 26.9 40.3



#16
Acetone
Concen: 225.019 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 43 Resp: 315560
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

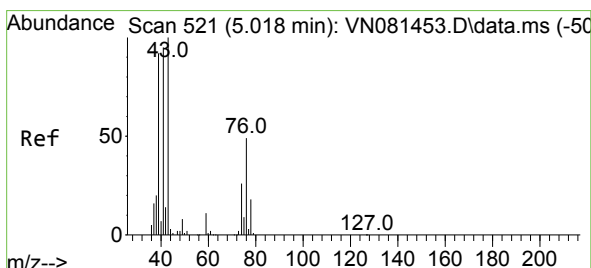
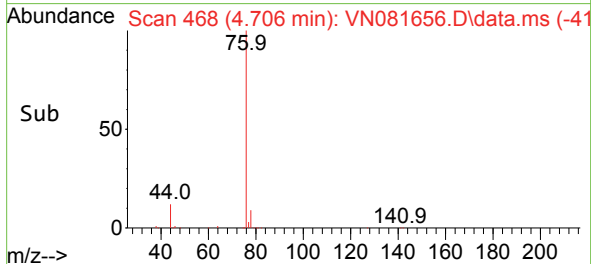
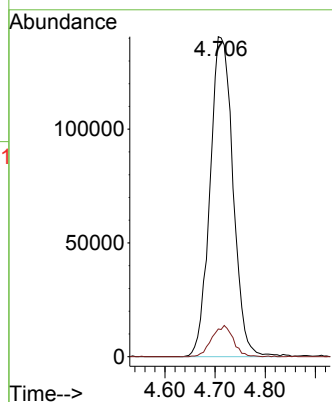
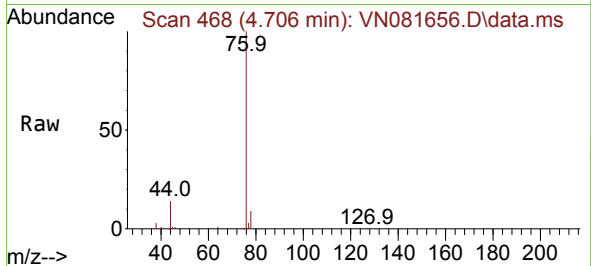




#17
Carbon Disulfide
Concen: 38.857 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

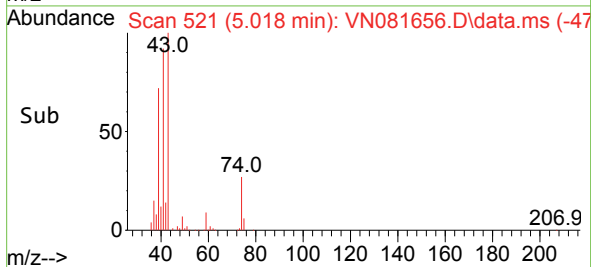
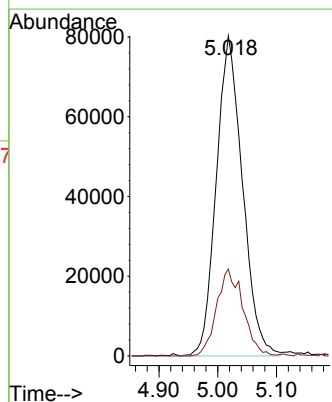
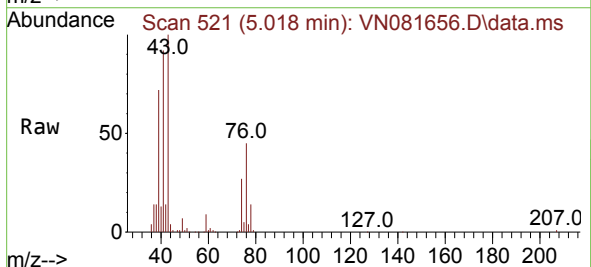
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

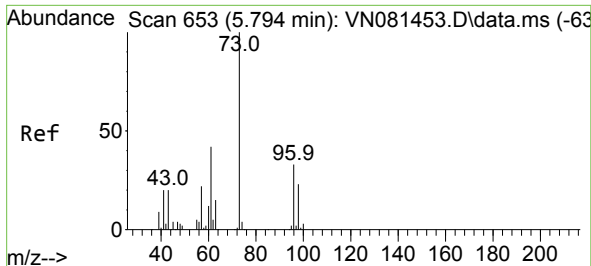
Tgt Ion: 76 Resp: 447782
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5



#18
Methyl Acetate
Concen: 57.446 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 43 Resp: 248368
Ion Ratio Lower Upper
43 100
74 27.3 17.3 25.9#

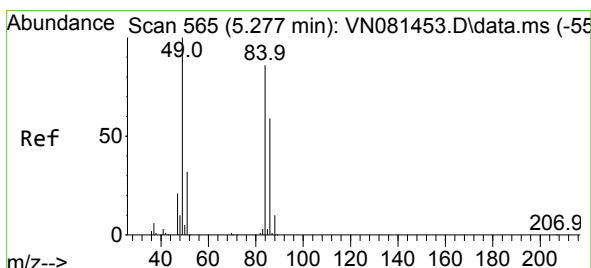
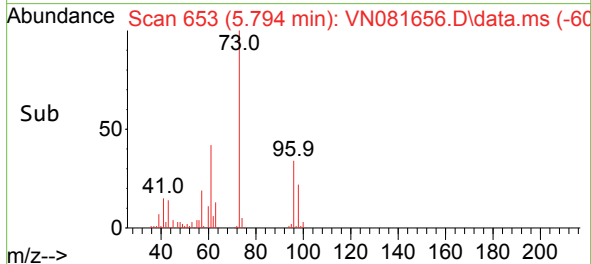
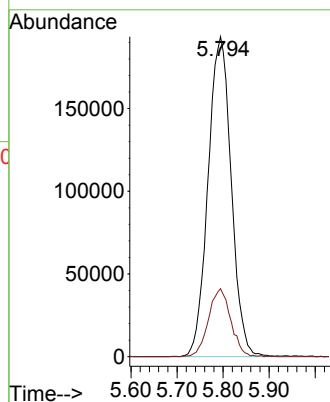
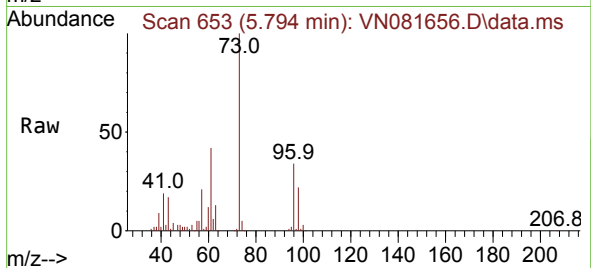




#19
Methyl tert-butyl Ether
Concen: 53.855 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

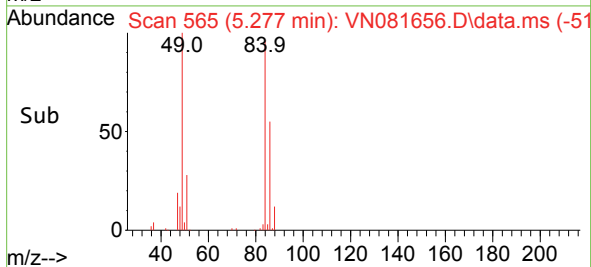
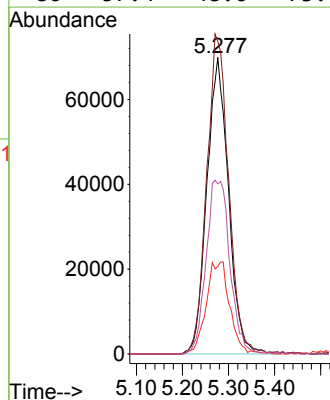
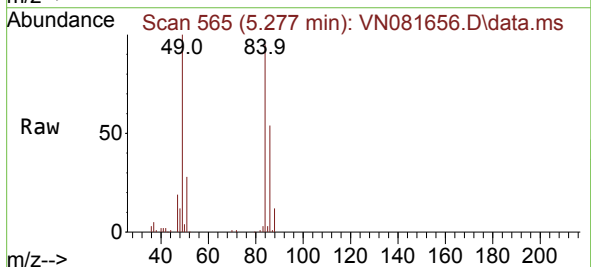
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

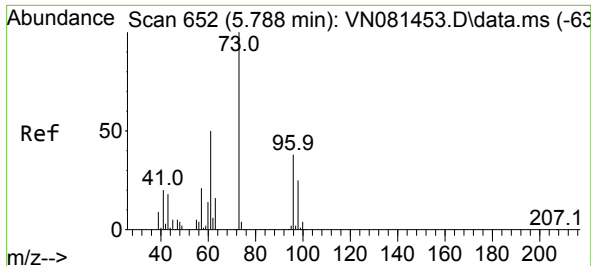
Tgt Ion: 73 Resp: 676828
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.4



#20
Methylene Chloride
Concen: 49.730 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 84 Resp: 228445
Ion Ratio Lower Upper
84 100
49 105.5 108.1 162.1#
51 29.6 32.9 49.3#
86 57.4 48.6 73.0

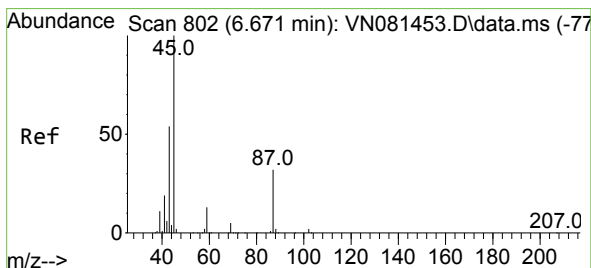
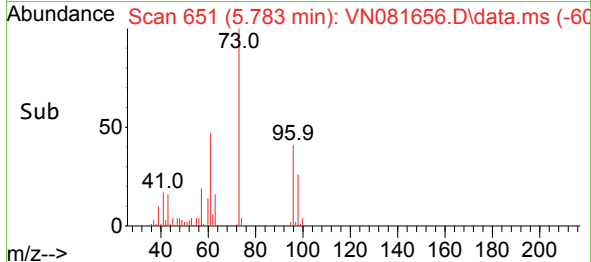
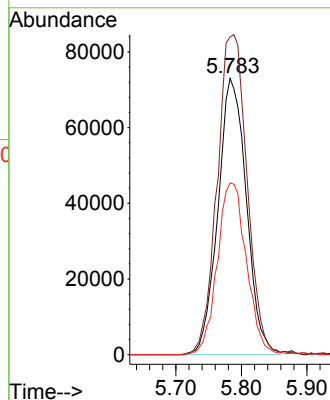
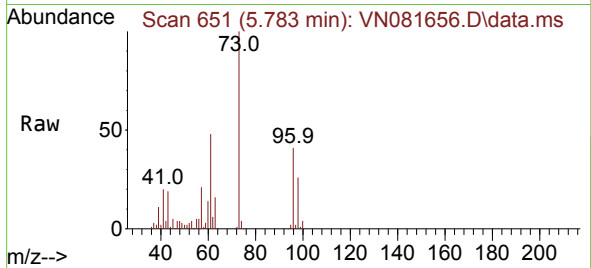




#21
trans-1,2-Dichloroethene
Concen: 49.021 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

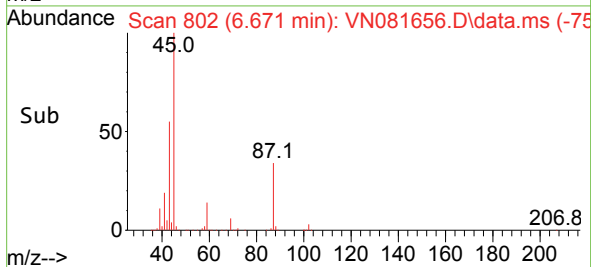
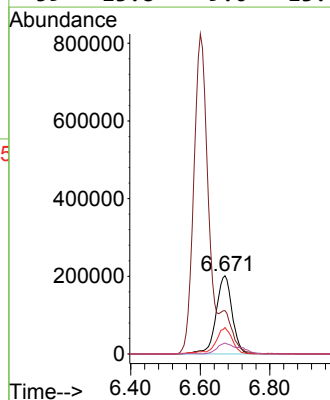
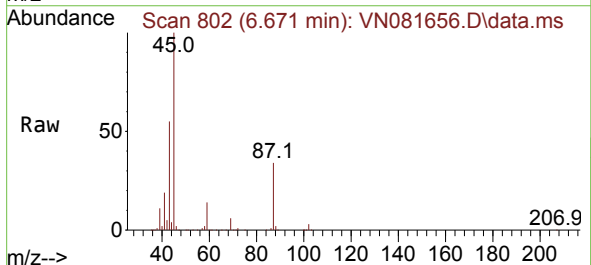
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

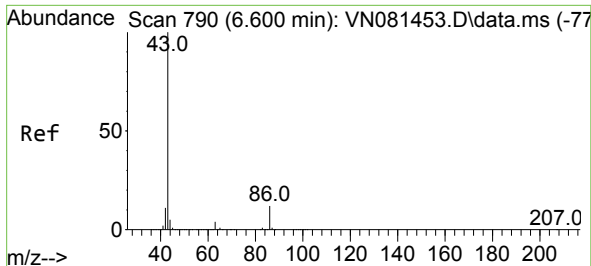
Tgt Ion: 96 Resp: 219492
Ion Ratio Lower Upper
96 100
61 115.0 112.8 169.2
98 62.2 51.0 76.4



#22
Diisopropyl ether
Concen: 55.322 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 45 Resp: 646822
Ion Ratio Lower Upper
45 100
43 55.1 41.8 62.8
87 33.8 18.1 27.1#
59 13.8 9.0 13.6#

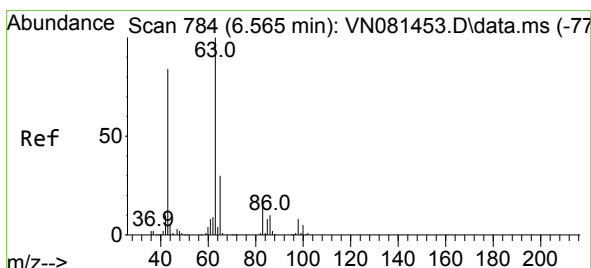
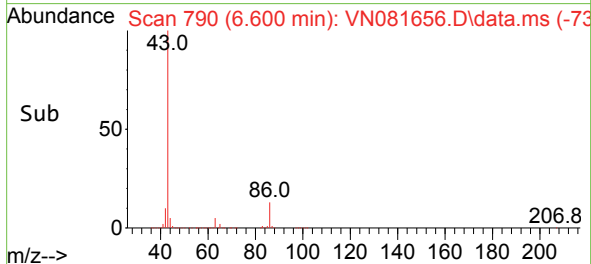
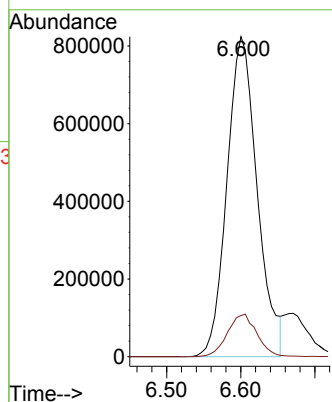
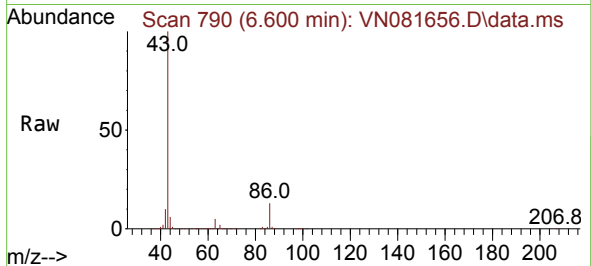




#23
 Vinyl Acetate
 Concen: 251.052 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

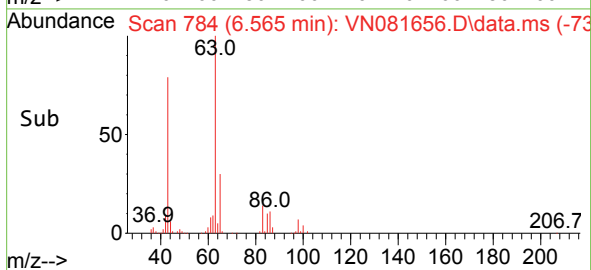
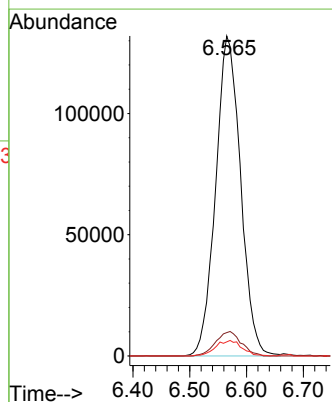
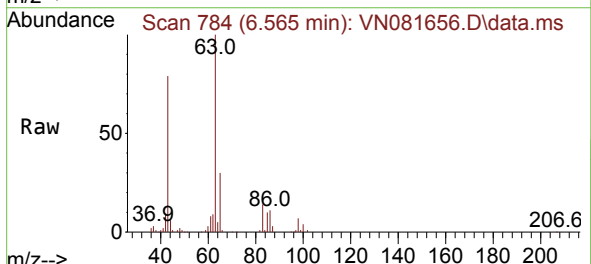
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

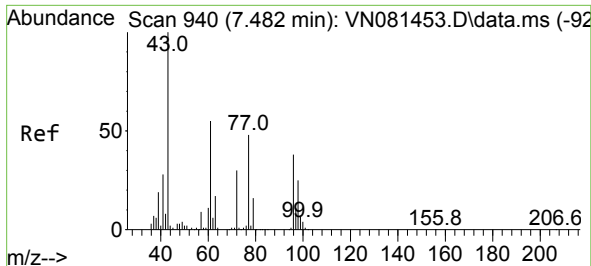
Tgt Ion: 43 Resp: 2336418
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.387 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion: 63 Resp: 402413
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.4 1.9 5.7

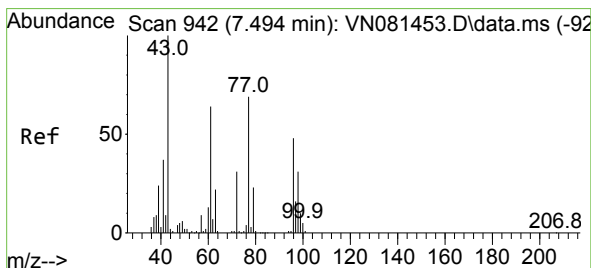
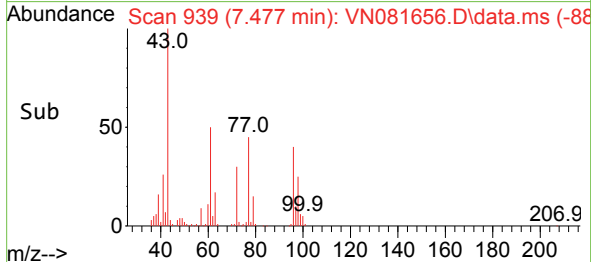
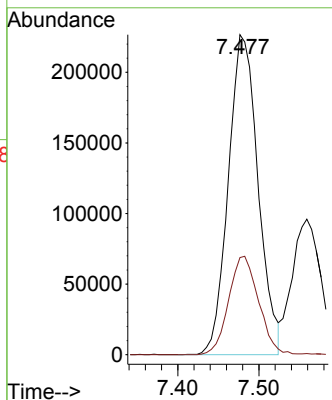
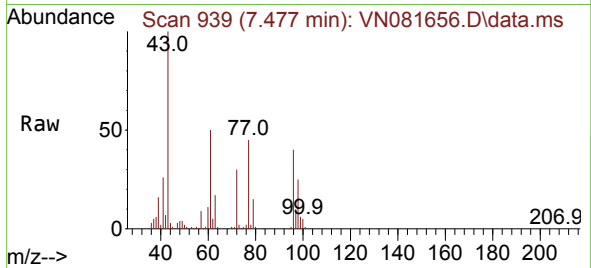




#25
2-Butanone
Concen: 239.978 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

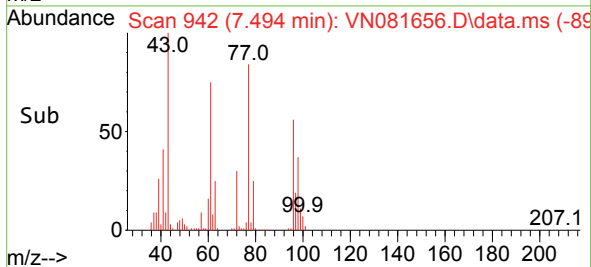
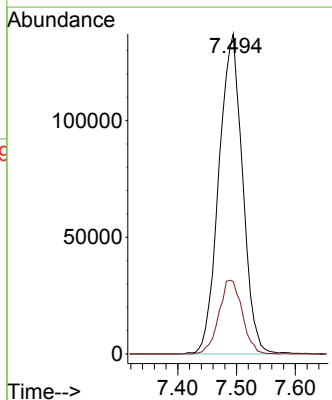
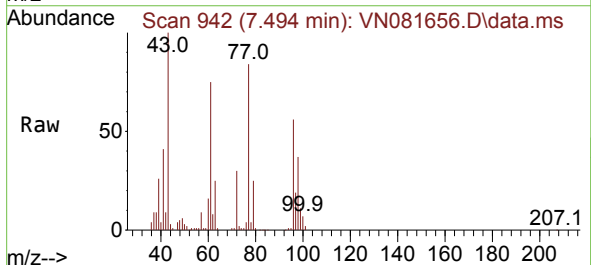
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

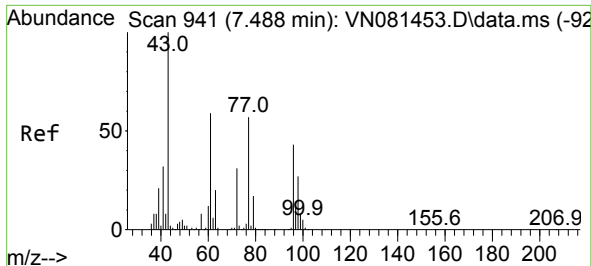
Tgt Ion: 43 Resp: 577234
Ion Ratio Lower Upper
43 100
72 30.3 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 56.520 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 77 Resp: 383892
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5

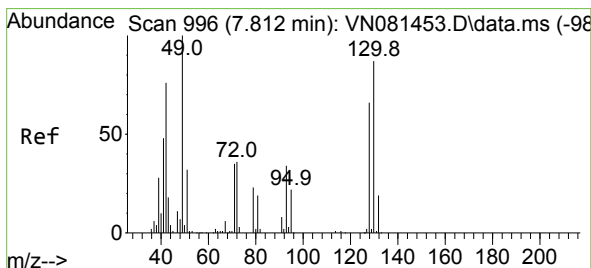
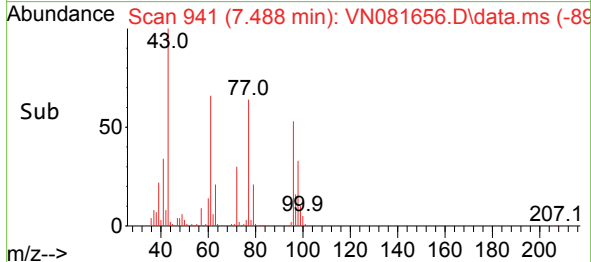
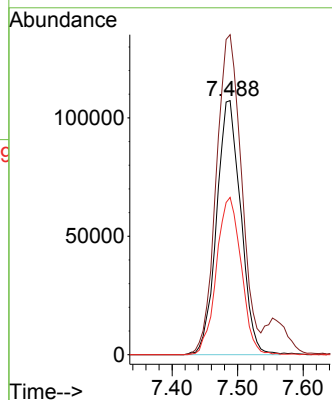
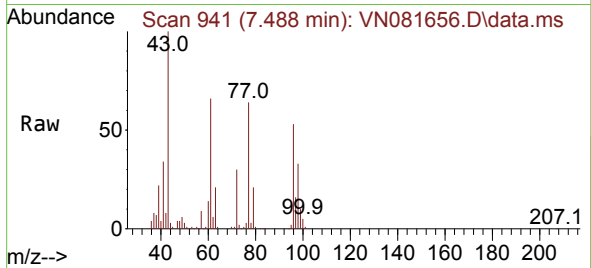




#27
cis-1,2-Dichloroethene
Concen: 54.227 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

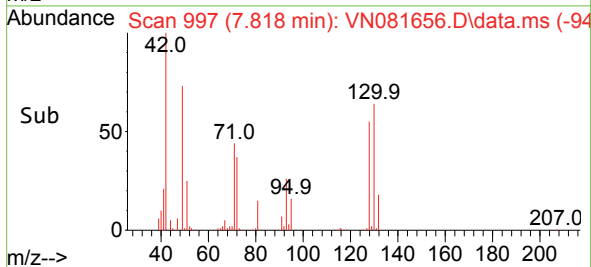
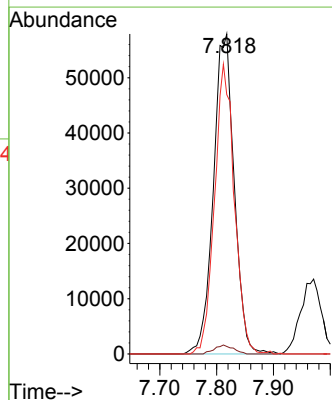
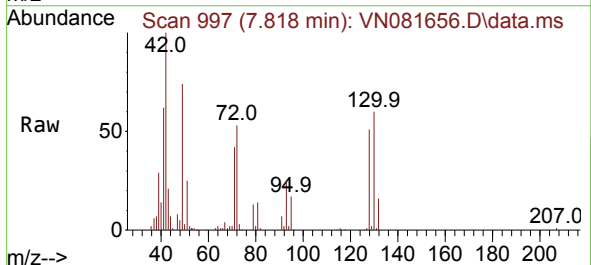
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

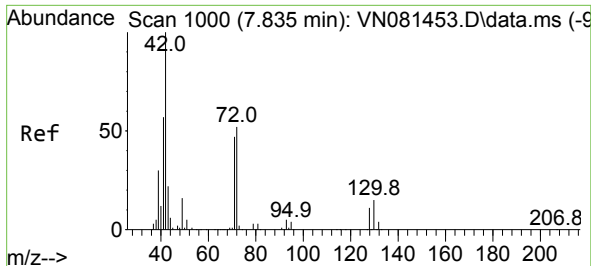
Tgt Ion: 96 Resp: 274719
Ion Ratio Lower Upper
96 100
61 131.9 0.0 325.4
98 63.5 0.0 130.4



#28
Bromochloromethane
Concen: 46.170 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 49 Resp: 147267
Ion Ratio Lower Upper
49 100
129 2.6 0.0 1.6#
130 86.2 42.3 63.5#

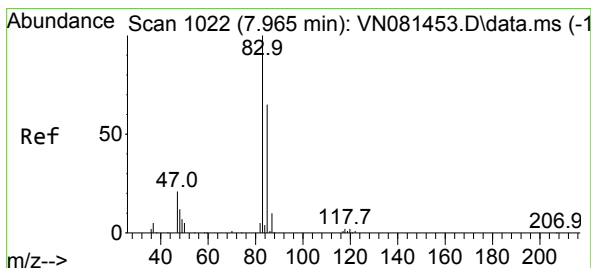
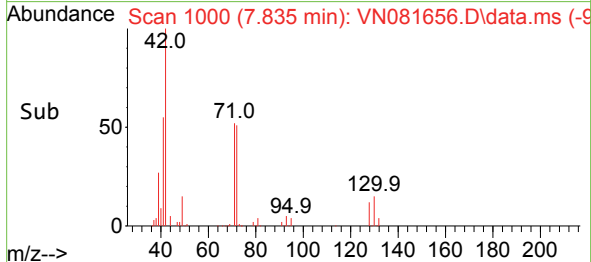
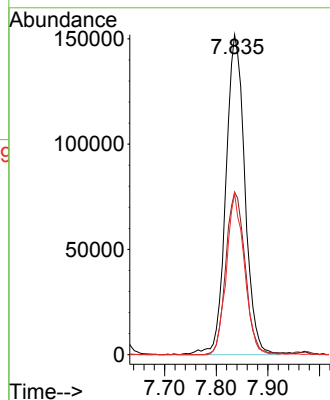
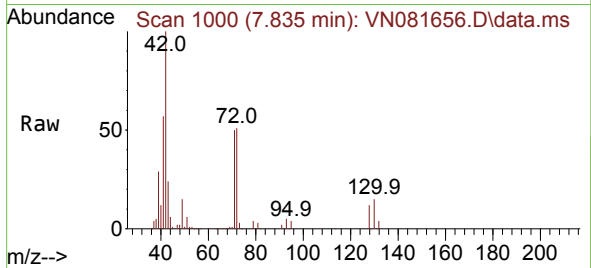




#29
Tetrahydrofuran
Concen: 239.765 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

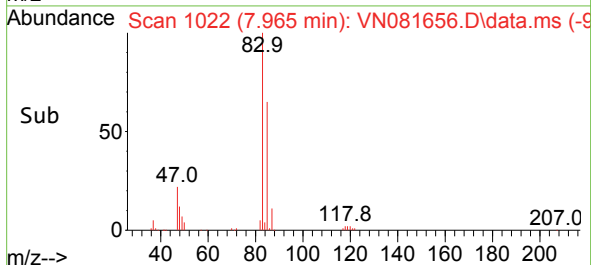
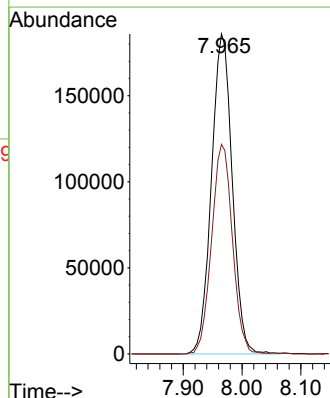
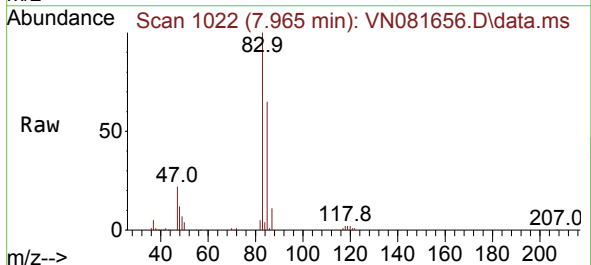
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

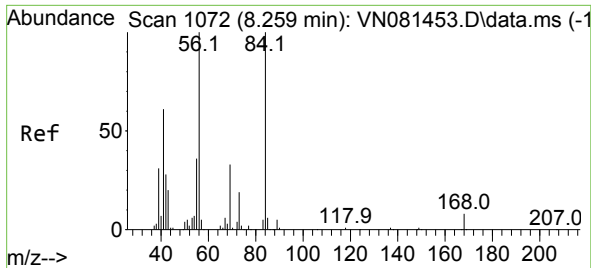
Tgt Ion: 42 Resp: 388518
Ion Ratio Lower Upper
42 100
72 51.7 31.1 46.7#
71 47.7 28.3 42.5#



#30
Chloroform
Concen: 54.414 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 83 Resp: 456168
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.6

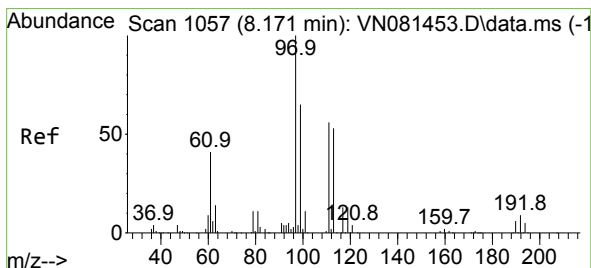
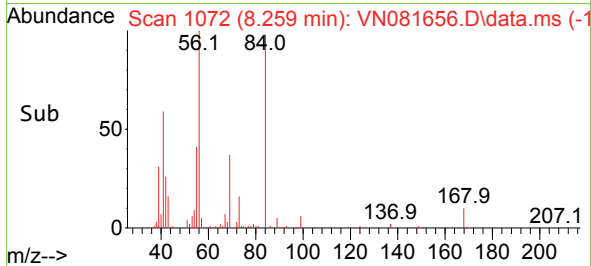
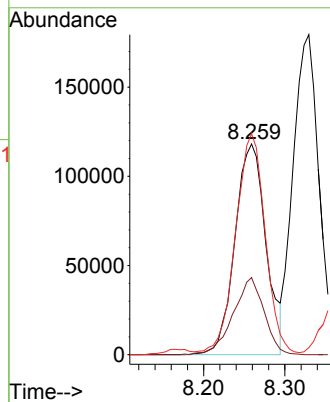
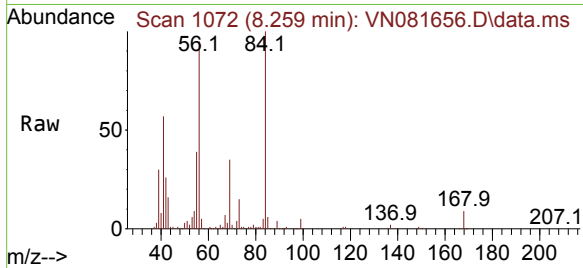




#31
Cyclohexane
Concen: 44.434 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

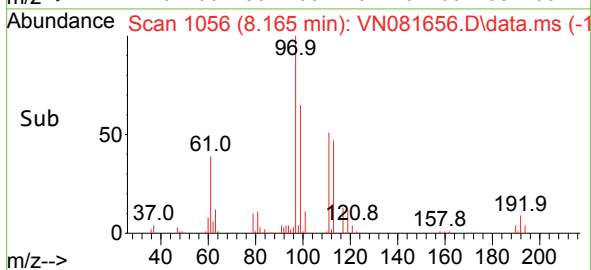
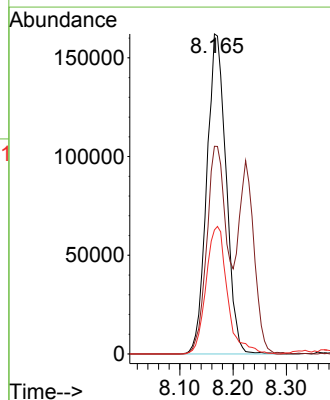
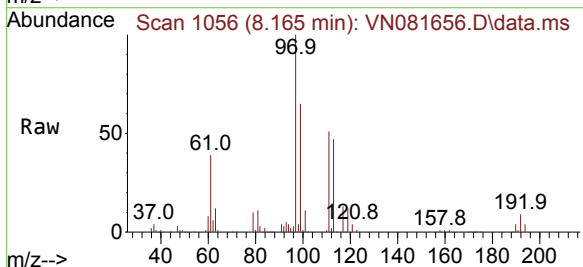
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

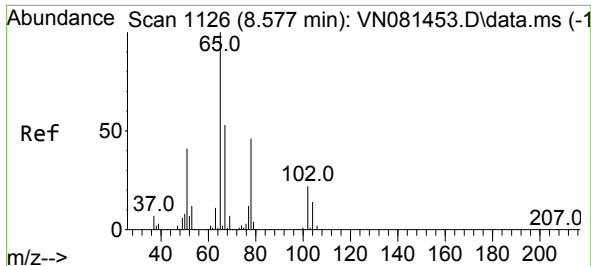
Tgt Ion: 56 Resp: 313758
Ion Ratio Lower Upper
56 100
69 36.6 20.1 30.1#
84 102.5 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 53.657 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 97 Resp: 408111
Ion Ratio Lower Upper
97 100
99 67.5 53.4 80.0
61 44.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.634 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

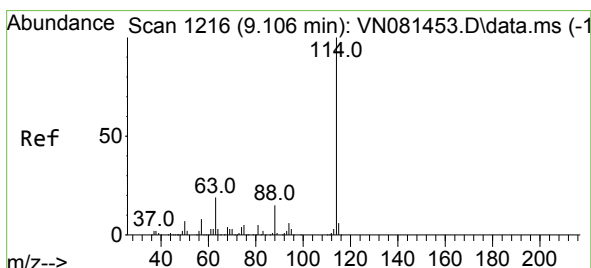
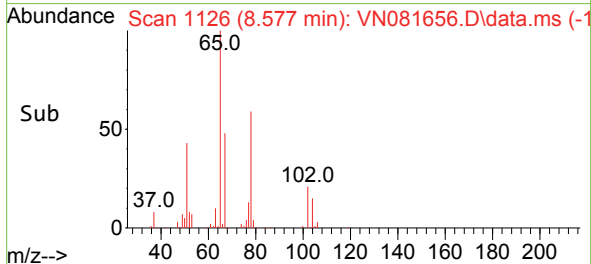
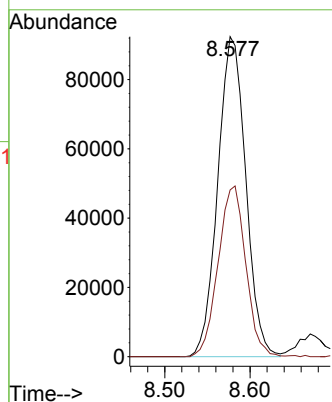
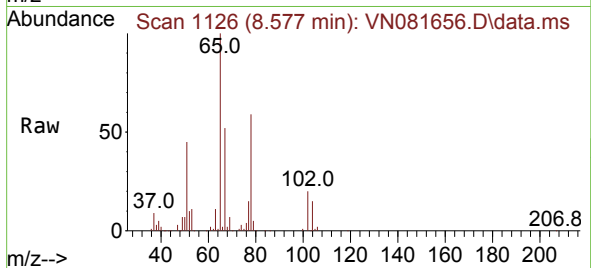
VSTDCCC050EC

Tgt Ion: 65 Resp: 211038

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

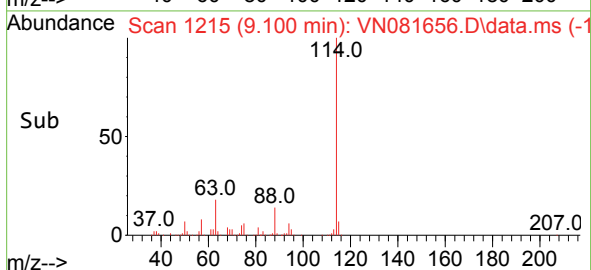
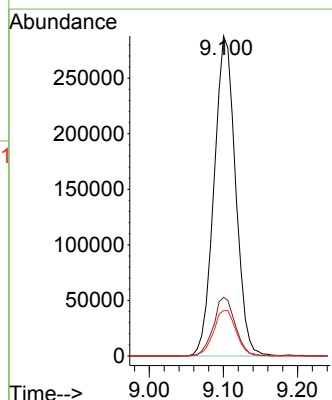
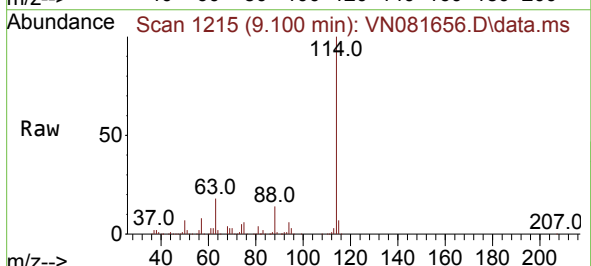
Tgt Ion: 114 Resp: 578262

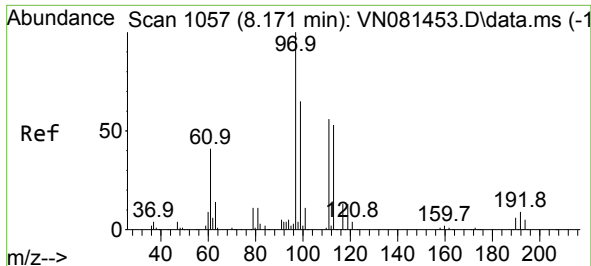
Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 14.1 0.0 34.8

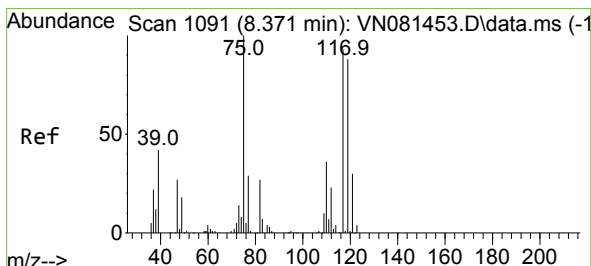
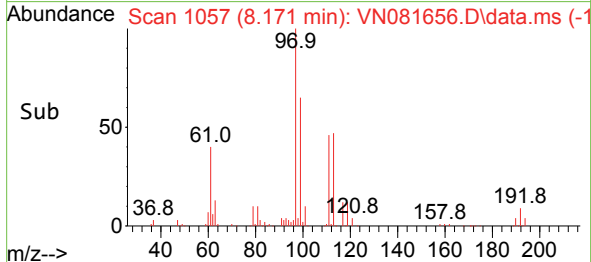
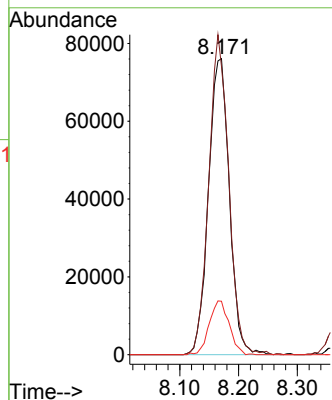
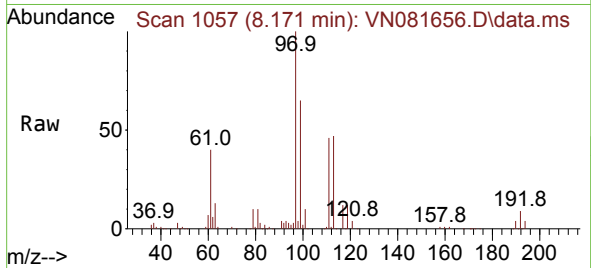




#35
Dibromofluoromethane
Concen: 51.605 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

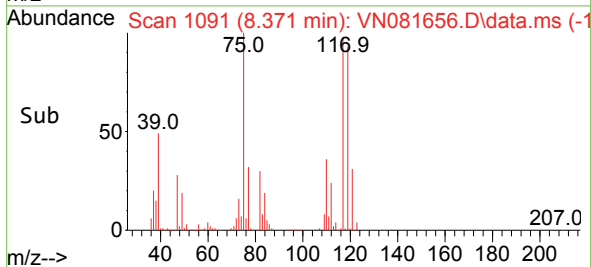
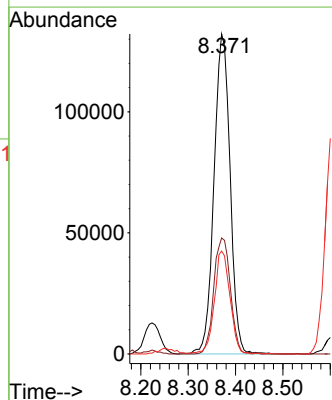
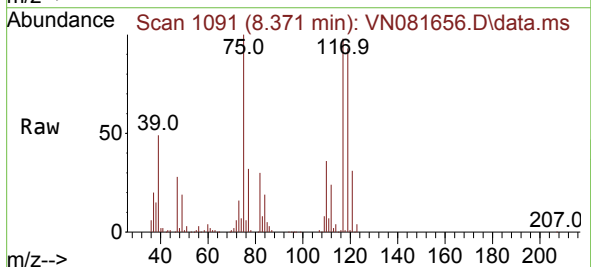
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

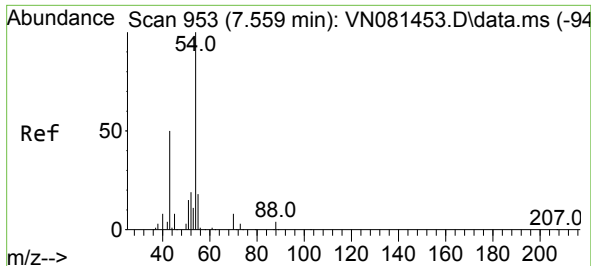
Tgt Ion:113 Resp: 188328
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 50.852 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 75 Resp: 312310
Ion Ratio Lower Upper
75 100
110 37.4 16.0 48.0
77 31.2 25.8 38.6

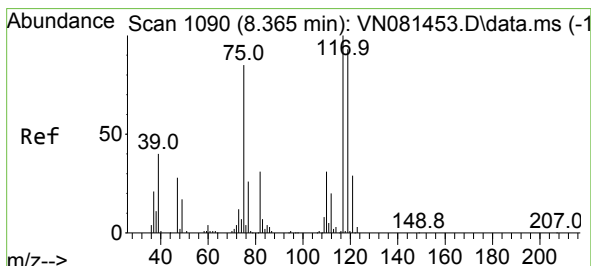
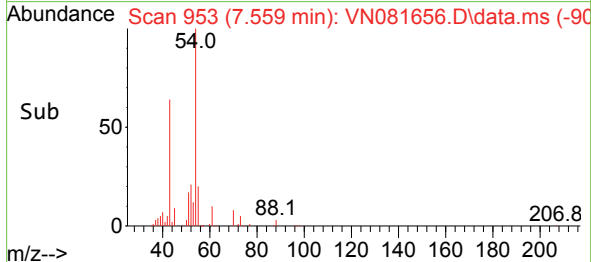
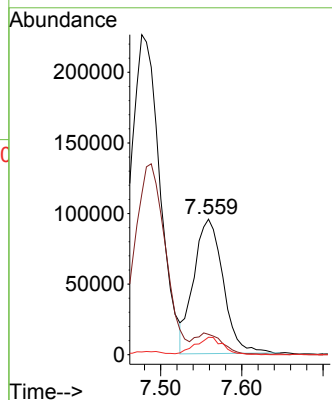
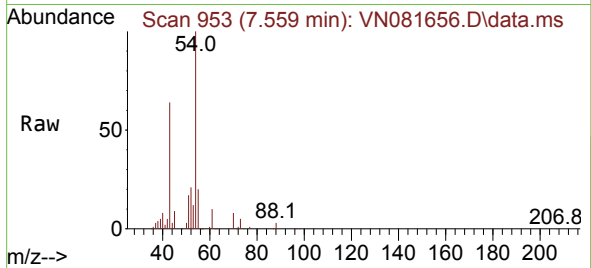




#37
Ethyl Acetate
Concen: 45.564 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

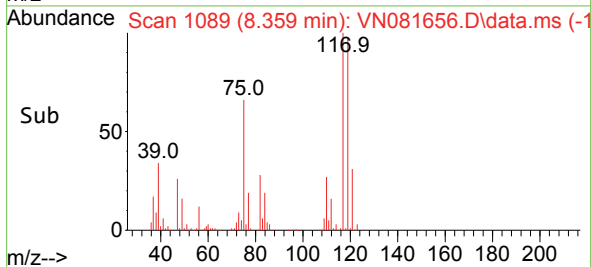
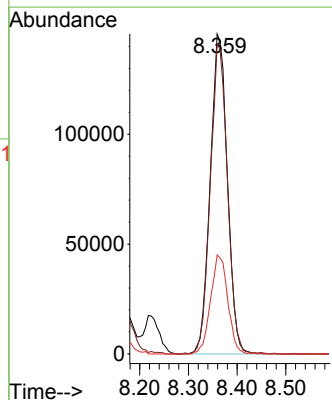
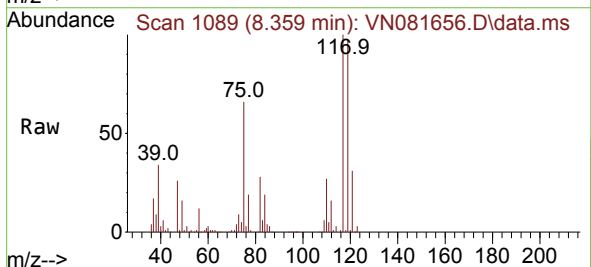
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

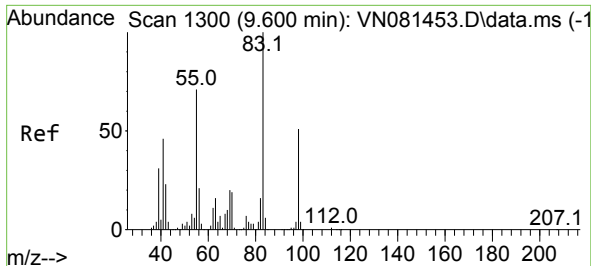
Tgt Ion: 43 Resp: 239619
Ion Ratio Lower Upper
43 100
61 14.6 10.6 15.8
70 12.2 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 52.839 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 117 Resp: 355491
Ion Ratio Lower Upper
117 100
119 96.7 73.4 110.2
121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 51.540 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

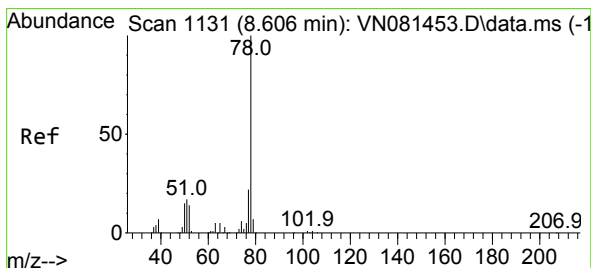
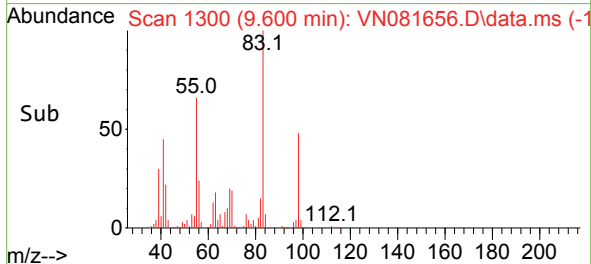
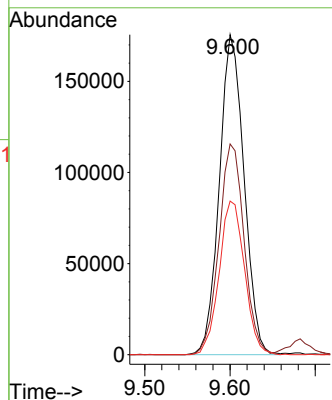
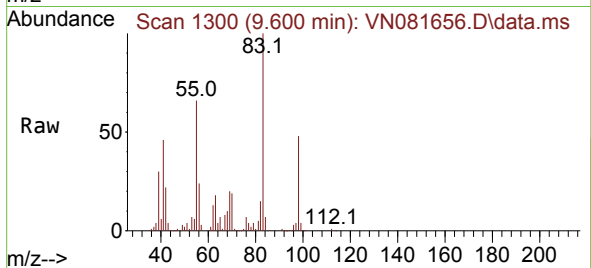
Tgt Ion: 83 Resp: 353490

Ion Ratio Lower Upper

83 100

55 65.9 65.7 98.5

98 48.0 33.8 50.6



#40

Benzene

Concen: 52.835 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081656.D

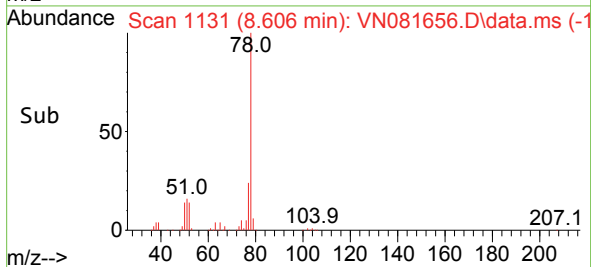
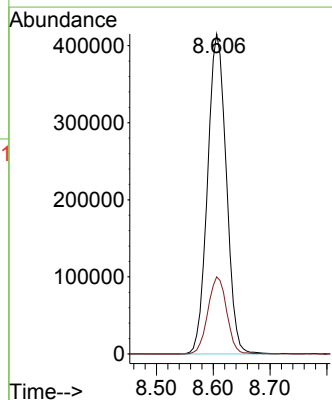
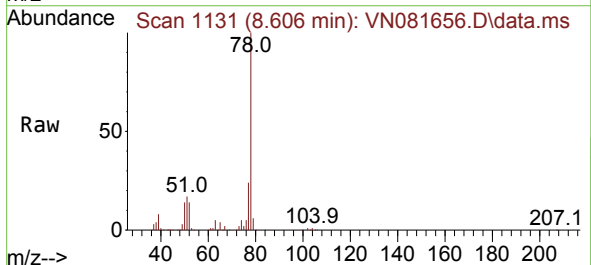
Acq: 02 Apr 2024 16:28

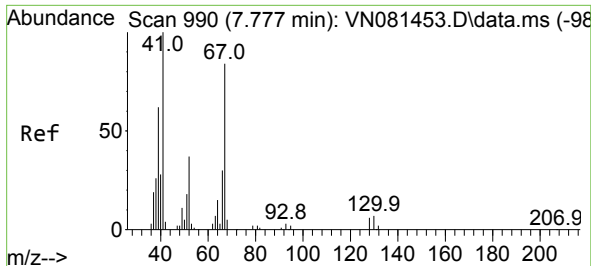
Tgt Ion: 78 Resp: 948674

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6



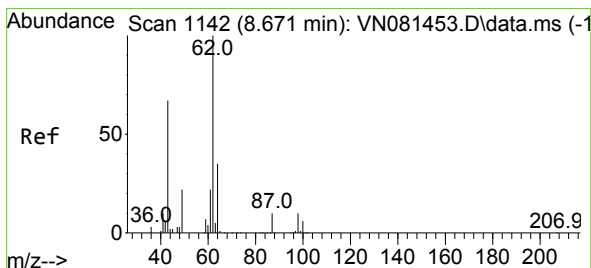
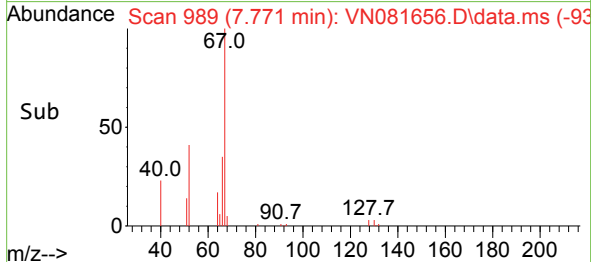
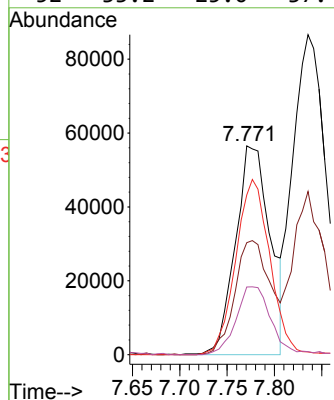
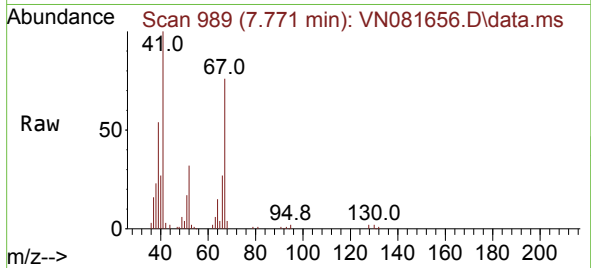


#41
Methacrylonitrile
Concen: 51.816 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 144111

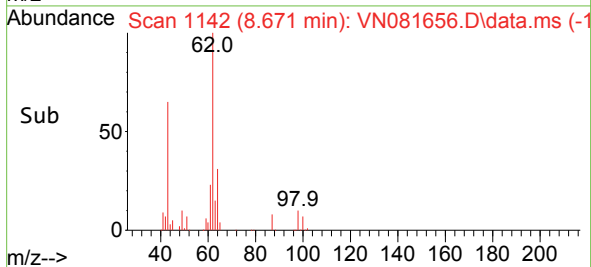
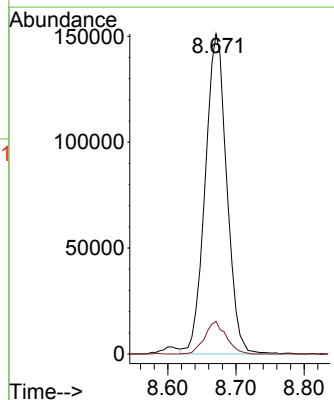
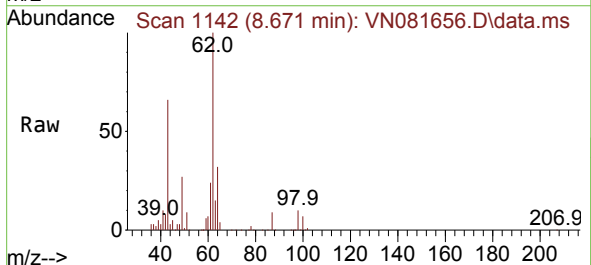
Ion	Ratio	Lower	Upper
41	100		
39	56.6	48.4	72.6
67	83.1	56.8	85.2
52	33.2	25.0	37.4

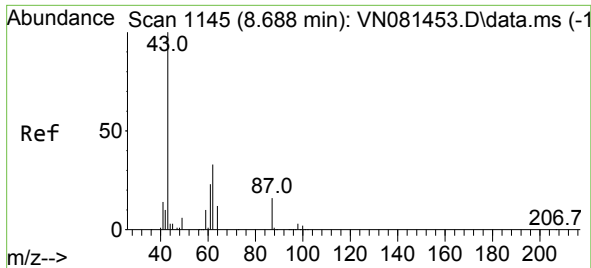


#42
1,2-Dichloroethane
Concen: 52.656 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 62 Resp: 332723

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.0

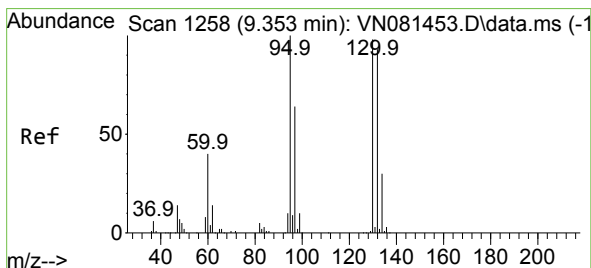
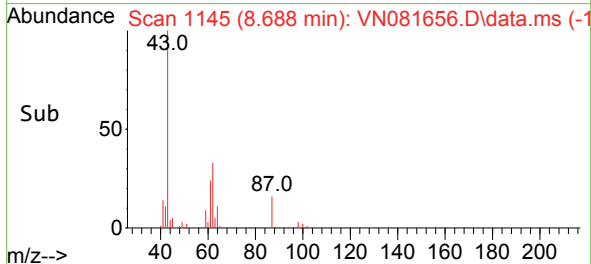
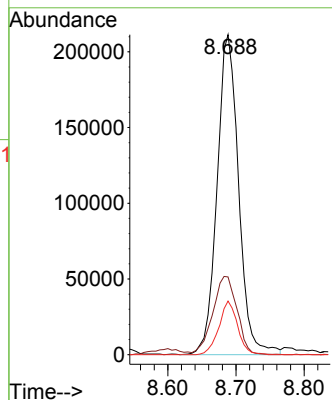
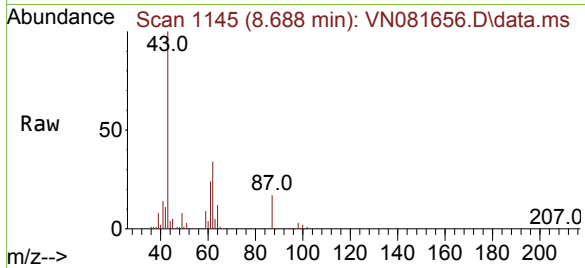




#43
Isopropyl Acetate
Concen: 53.437 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

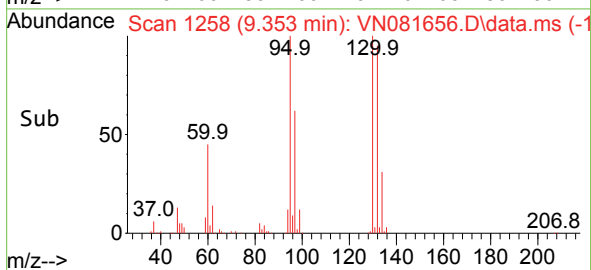
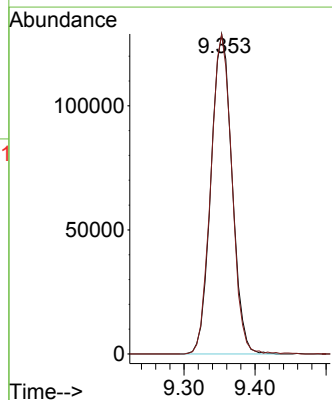
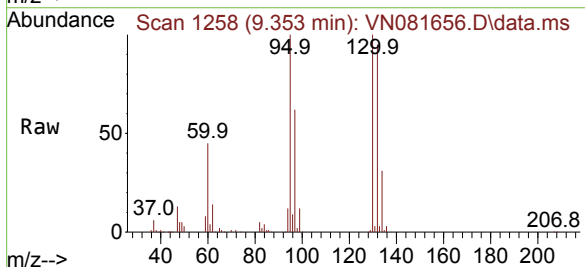
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

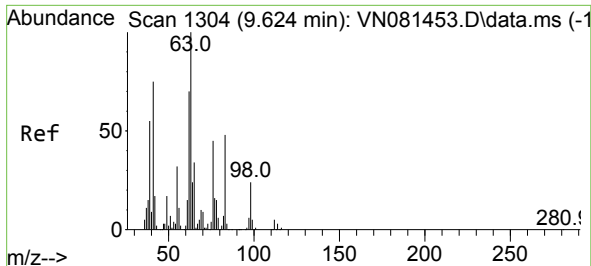
Tgt Ion: 43 Resp: 465825
Ion Ratio Lower Upper
43 100
61 27.6 19.9 29.9
87 14.5 9.0 13.6#



#44
Trichloroethene
Concen: 52.499 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:130 Resp: 265118
Ion Ratio Lower Upper
130 100
95 99.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.921 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

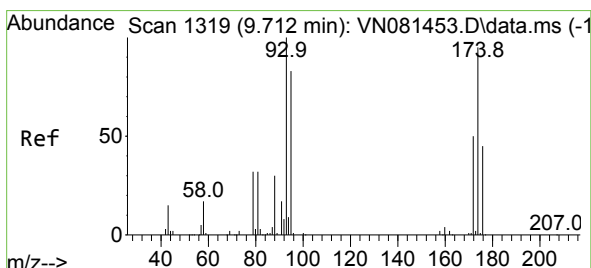
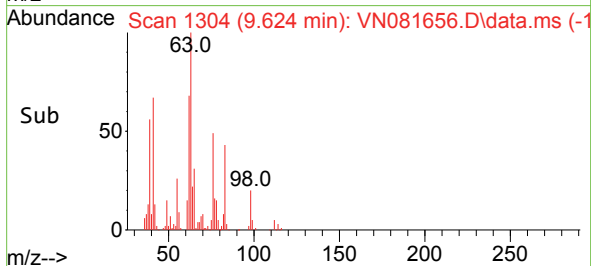
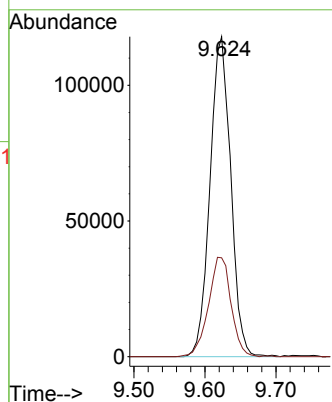
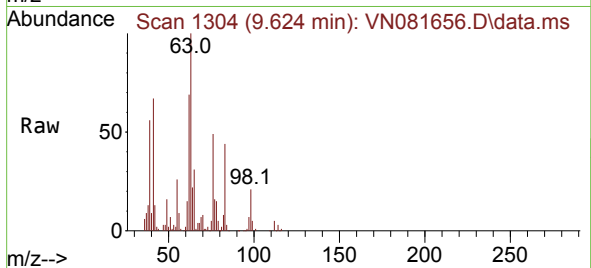
VSTDCCC050EC

Tgt Ion: 63 Resp: 238991

Ion Ratio Lower Upper

63 100

65 30.9 26.1 39.1



#46

Dibromomethane

Concen: 54.238 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

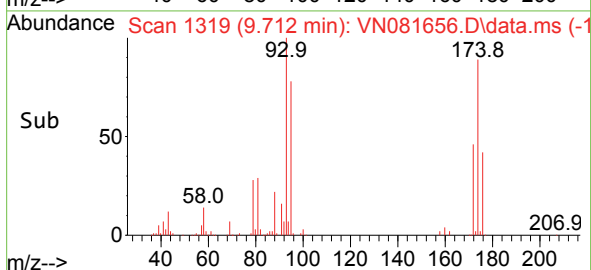
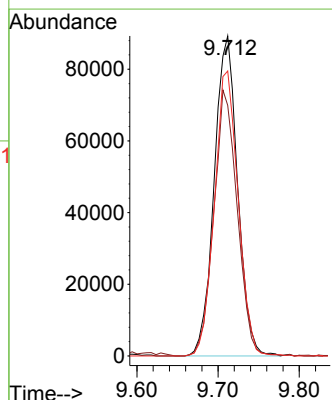
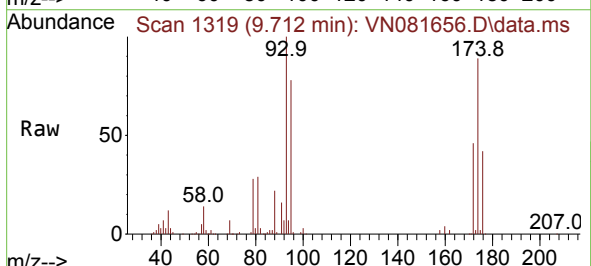
Tgt Ion: 93 Resp: 179238

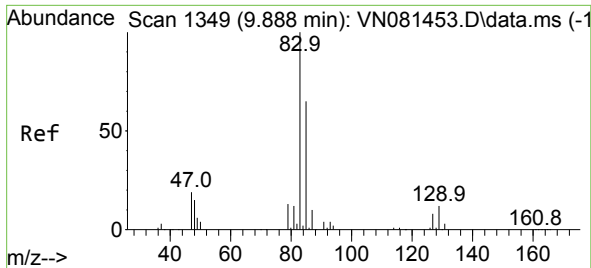
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 90.4 57.2 85.8#

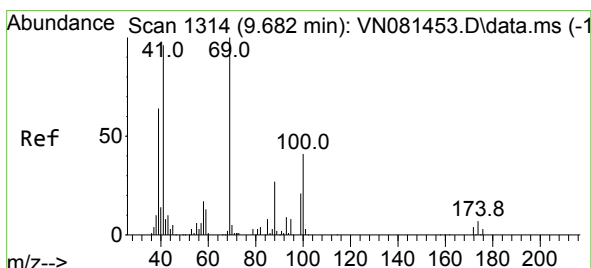
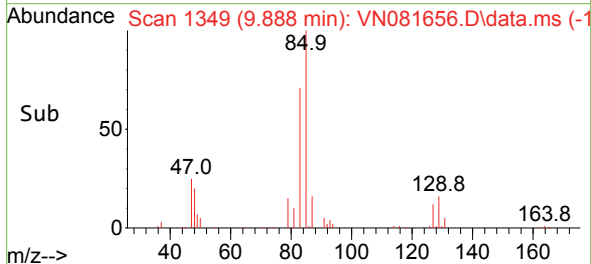
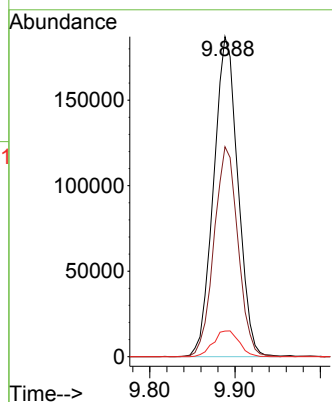
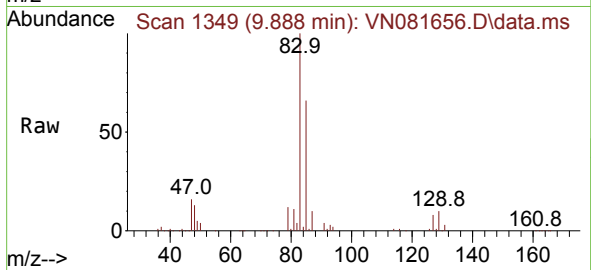




#47
Bromodichloromethane
Concen: 57.373 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

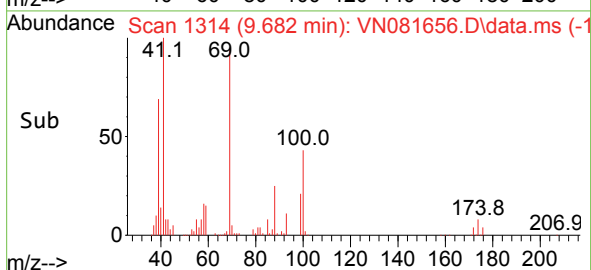
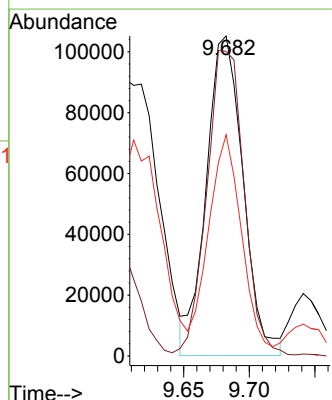
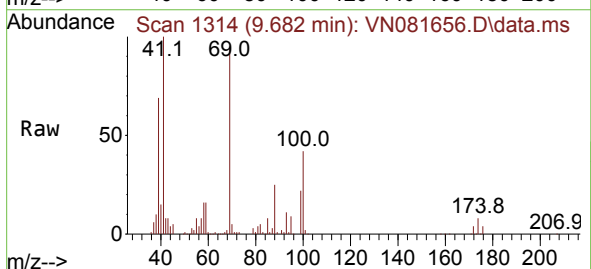
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

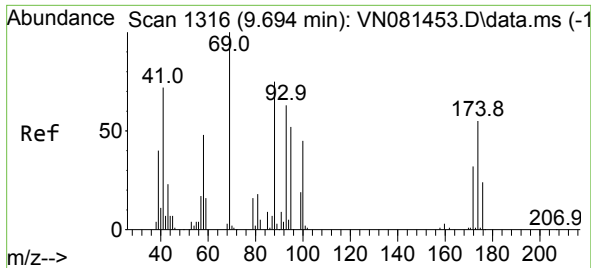
Tgt Ion: 83 Resp: 370689
Ion Ratio Lower Upper
83 100
85 65.6 52.3 78.5
127 8.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 51.175 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 41 Resp: 205764
Ion Ratio Lower Upper
41 100
69 96.0 62.2 93.2#
39 62.7 47.6 71.4

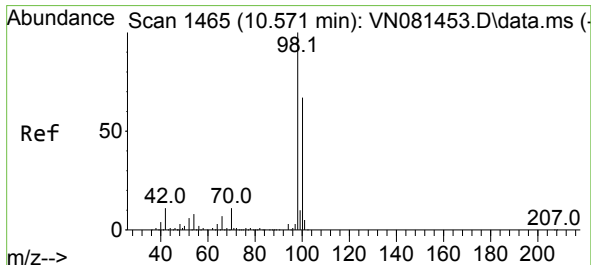
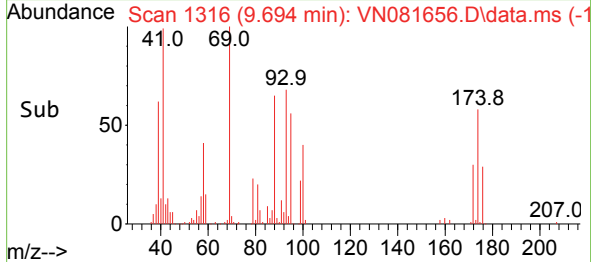
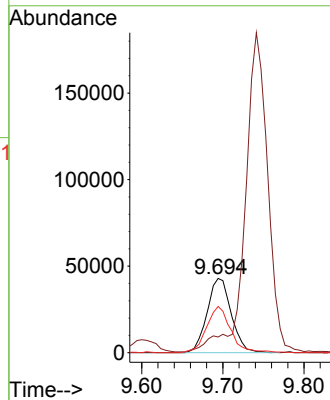
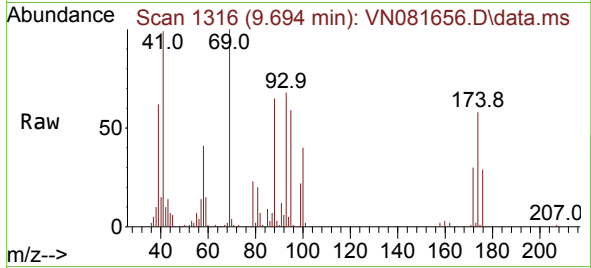




#49
1,4-Dioxane
Concen: 916.783 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

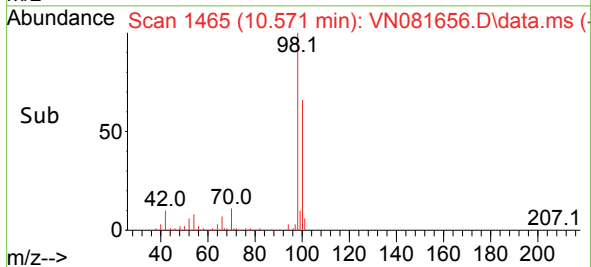
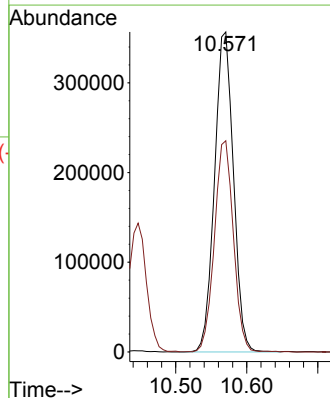
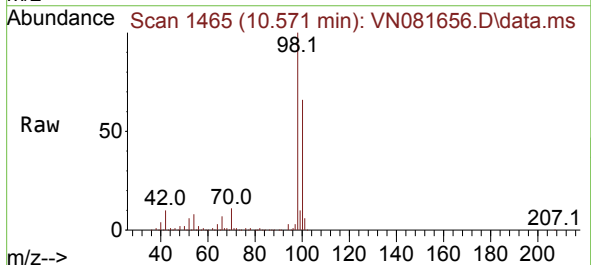
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

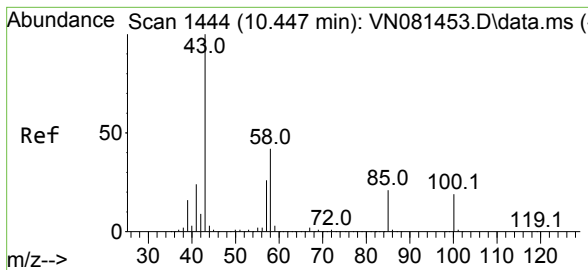
Tgt Ion: 88 Resp: 88585
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 62.7 63.9 95.9#



#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 98 Resp: 658882
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0

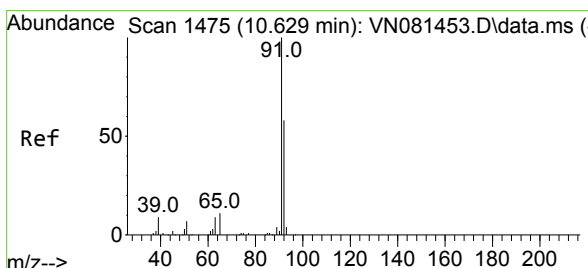
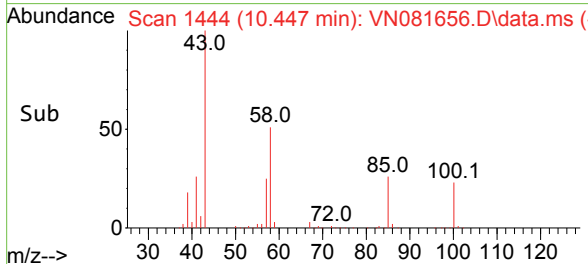
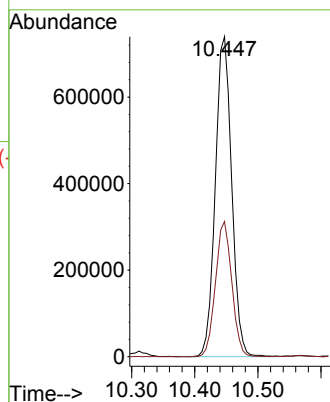
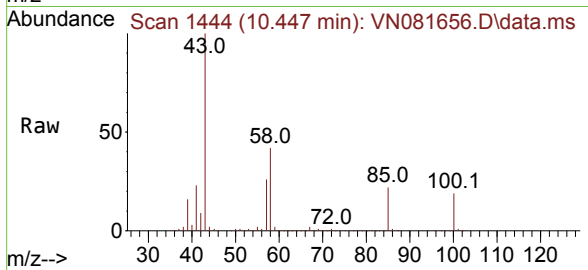




#51
4-Methyl-2-Pentanone
Concen: 249.606 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

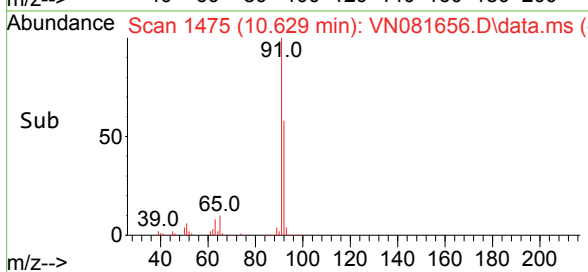
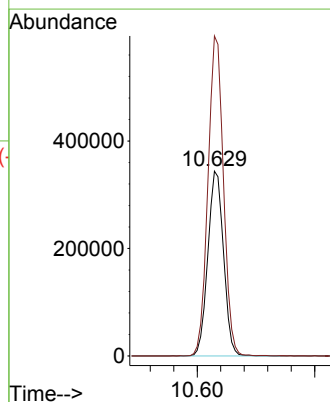
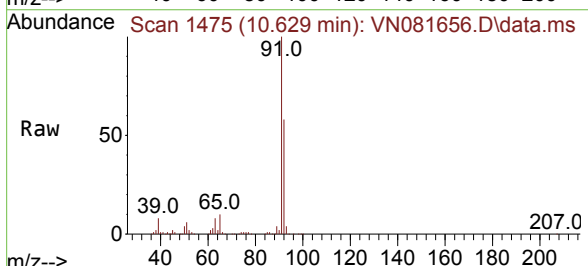
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

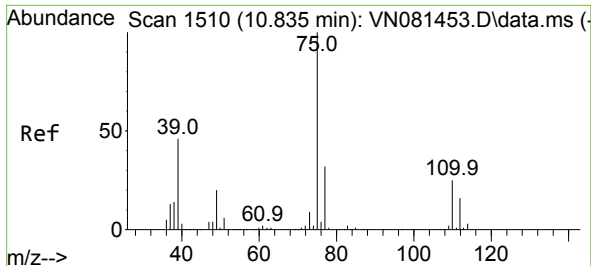
Tgt Ion: 43 Resp: 1327721
Ion Ratio Lower Upper
43 100
58 42.2 29.4 44.0



#52
Toluene
Concen: 55.671 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 92 Resp: 635327
Ion Ratio Lower Upper
92 100
91 171.1 139.4 209.0

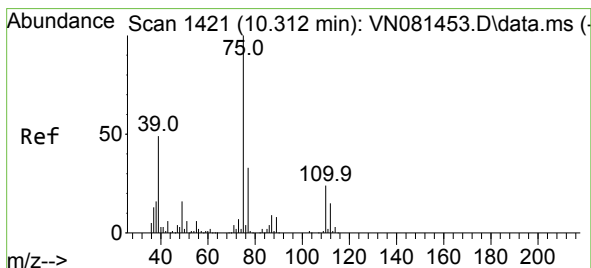
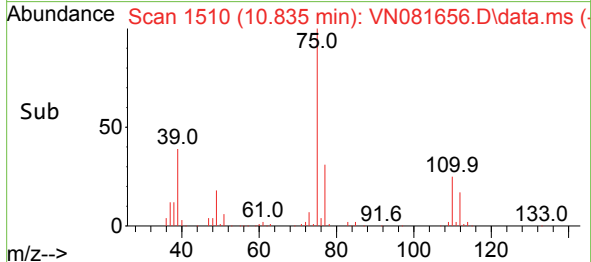
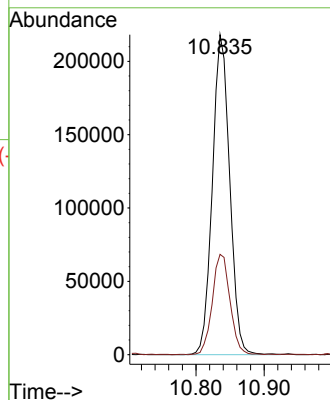
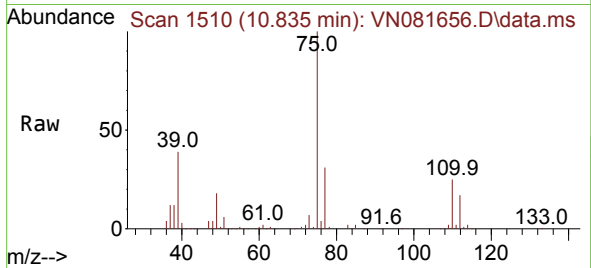




#53
 t-1,3-Dichloropropene
 Concen: 55.331 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

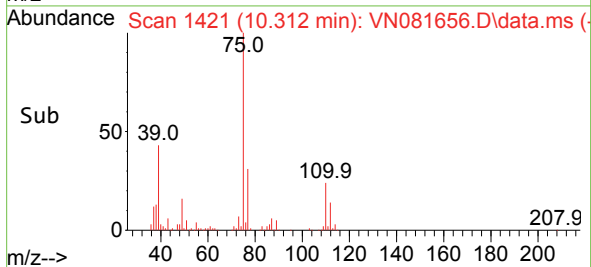
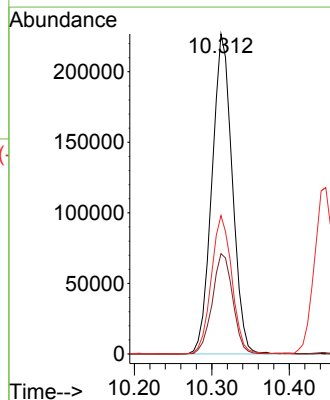
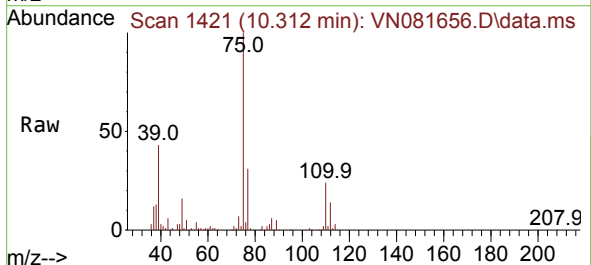
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

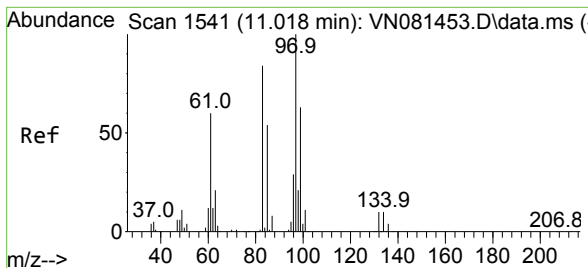
Tgt Ion: 75 Resp: 386035
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 55.262 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion: 75 Resp: 413372
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.3 34.9
 39 43.3 44.6 66.8#

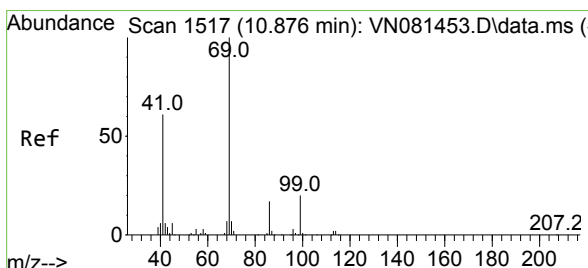
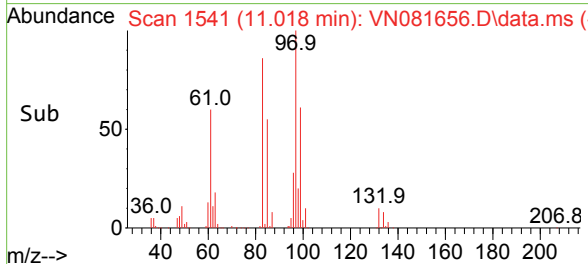
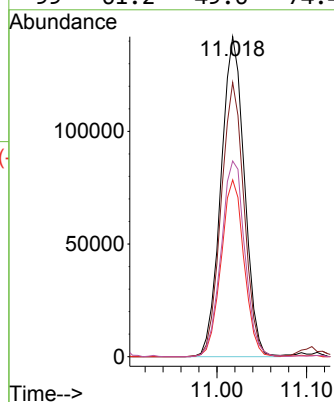
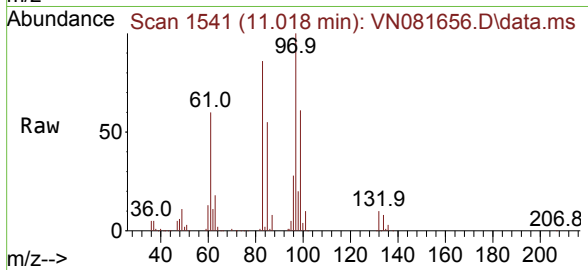




#55
1,1,2-Trichloroethane
Concen: 56.160 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

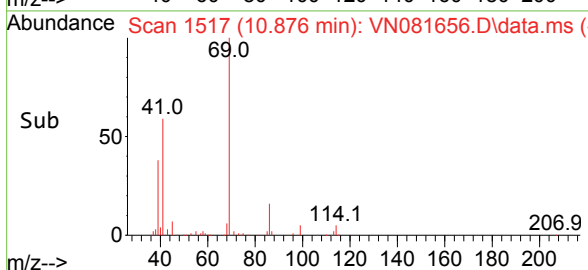
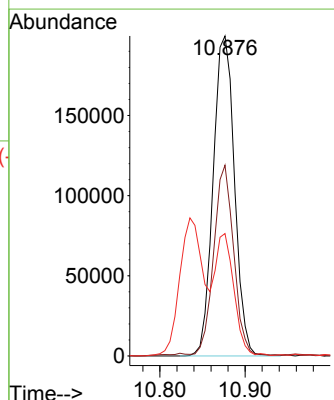
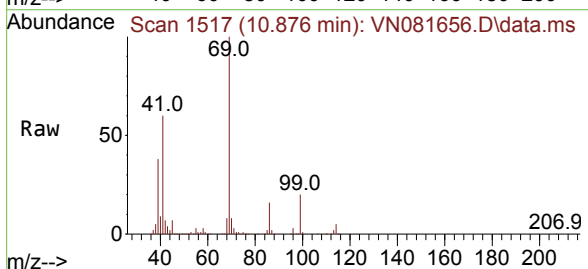
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

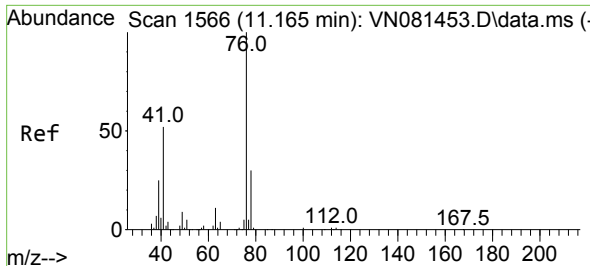
Tgt Ion:	97	Resp:	257929
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.9	109.3
85	55.3	50.2	75.2
99	61.2	49.6	74.4



#56
Ethyl methacrylate
Concen: 50.688 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:	69	Resp:	347089
Ion	Ratio	Lower	Upper
69	100		
41	55.6	61.0	91.6#
39	33.0	31.8	47.6





#57

1,3-Dichloropropane

Concen: 55.616 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

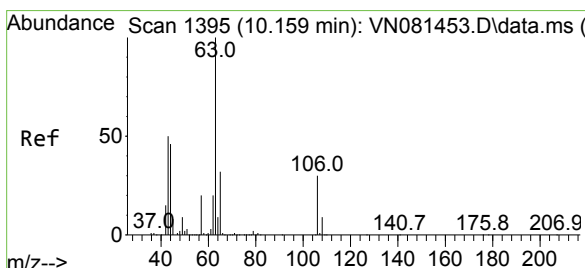
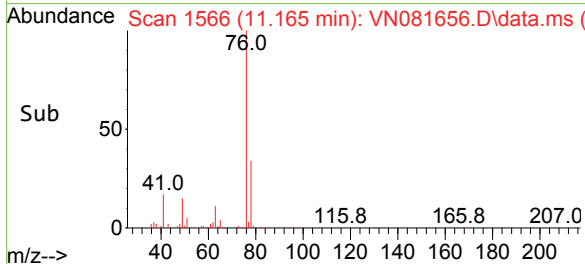
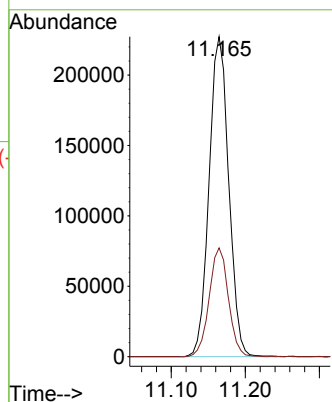
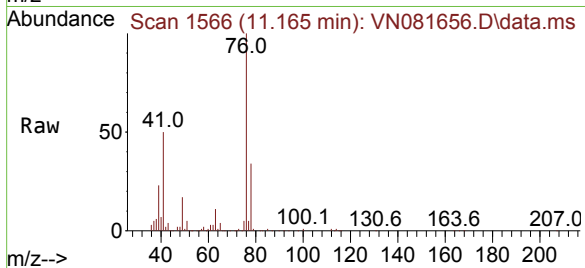
VSTDCCC050EC

Tgt Ion: 76 Resp: 418732

Ion Ratio Lower Upper

76 100

78 33.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 264.555 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081656.D

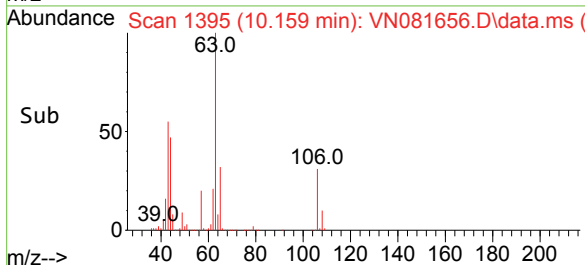
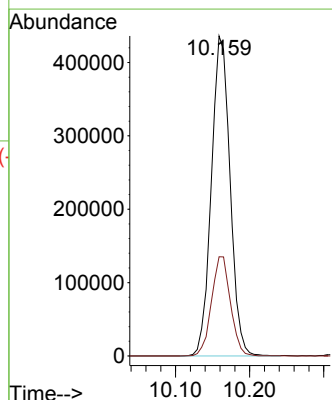
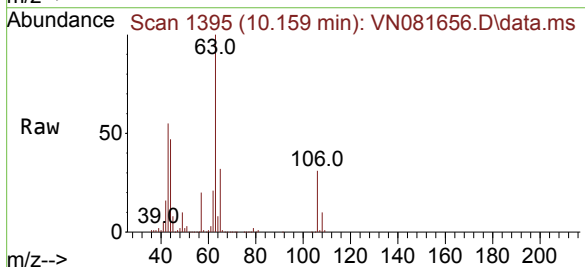
Acq: 02 Apr 2024 16:28

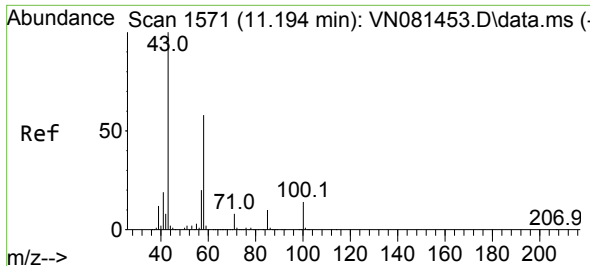
Tgt Ion: 63 Resp: 764533

Ion Ratio Lower Upper

63 100

106 31.5 18.6 28.0#

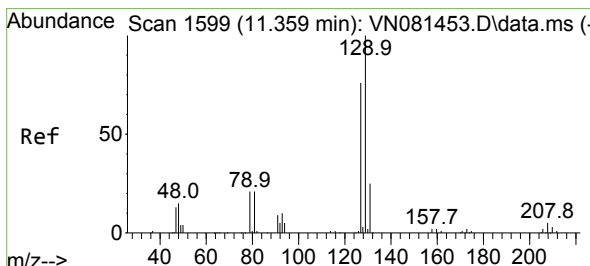
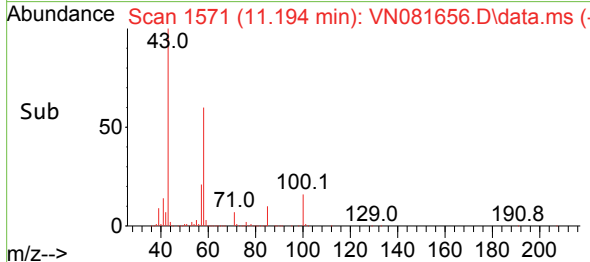
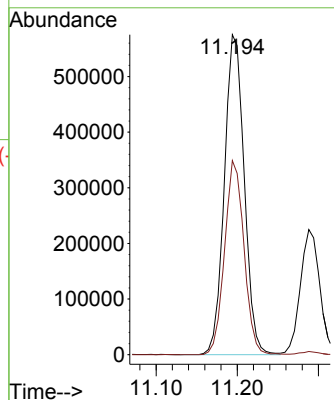
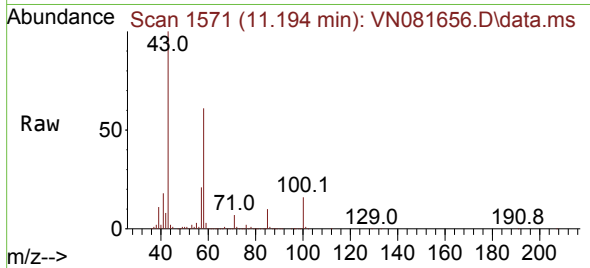




#59
2-Hexanone
Concen: 249.446 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

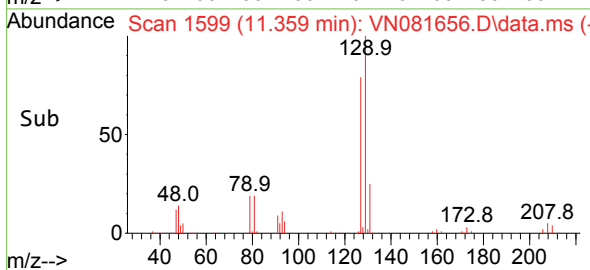
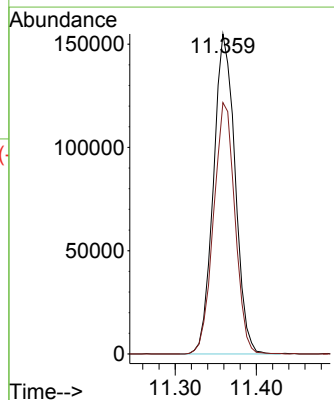
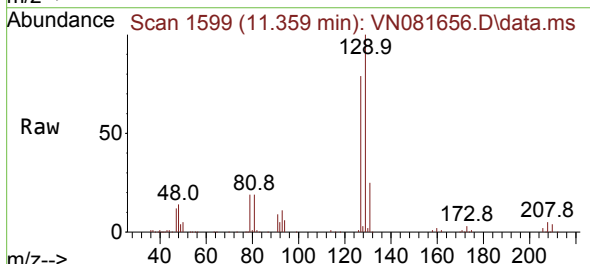
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

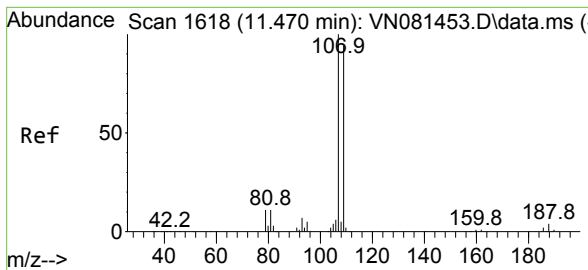
Tgt Ion: 43 Resp: 981010
Ion Ratio Lower Upper
43 100
58 59.1 25.9 77.8



#60
Dibromochloromethane
Concen: 56.836 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 129 Resp: 287076
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2

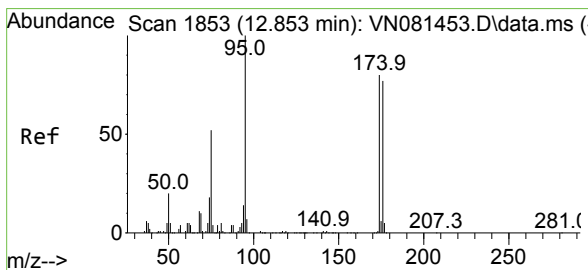
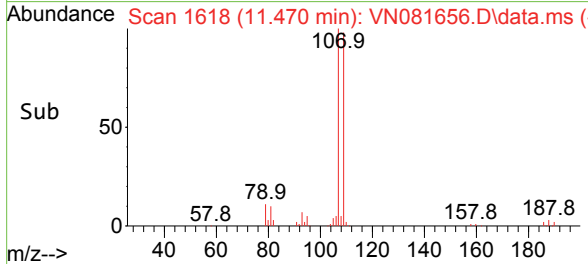
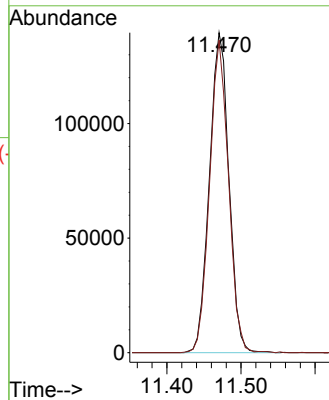
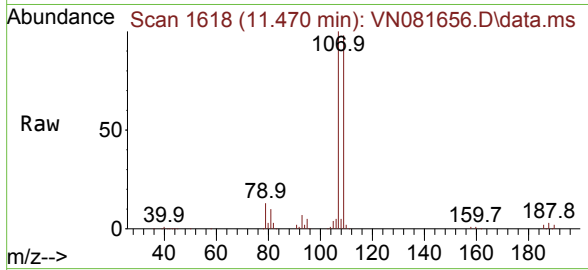




#61
1,2-Dibromoethane
Concen: 54.524 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

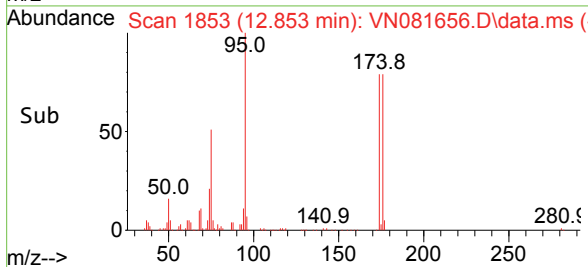
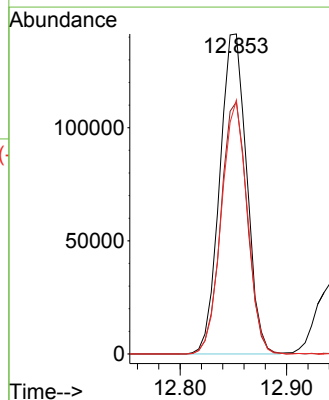
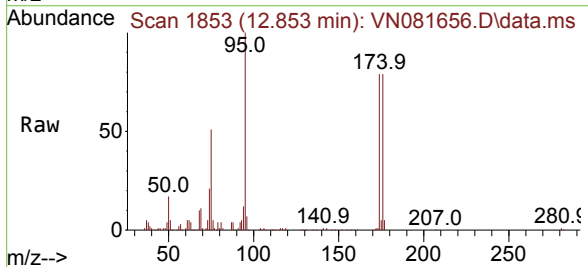
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

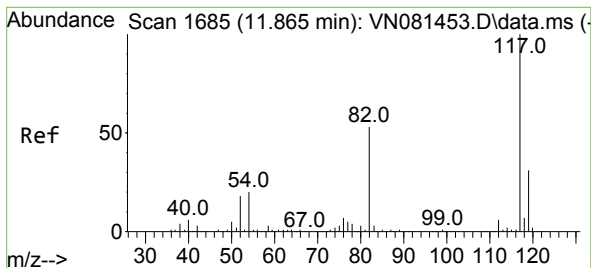
Tgt Ion:107 Resp: 255306
Ion Ratio Lower Upper
107 100
109 94.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 53.399 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 95 Resp: 248222
Ion Ratio Lower Upper
95 100
174 77.0 0.0 120.4
176 76.0 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: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

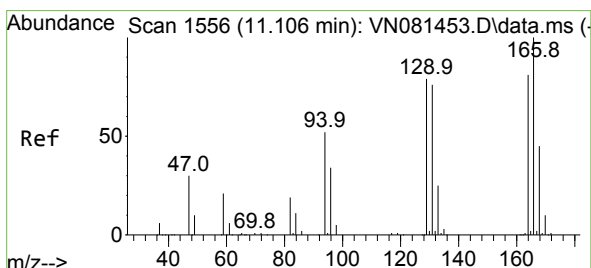
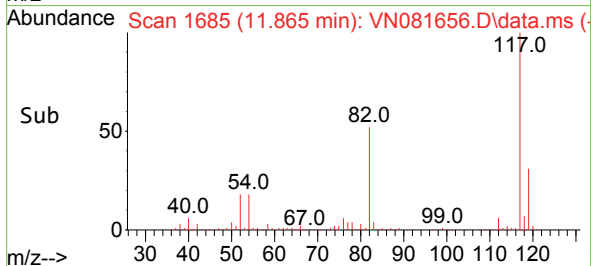
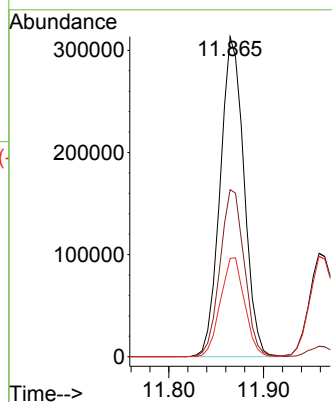
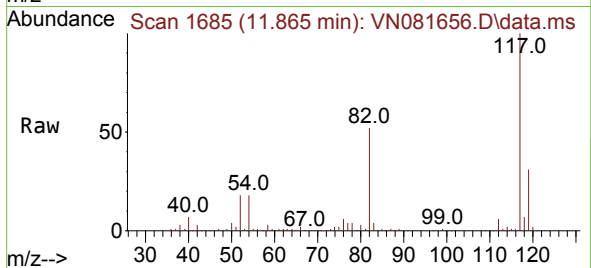
Tgt Ion:117 Resp: 547552

Ion Ratio Lower Upper

117 100

82 52.1 52.7 79.1#

119 30.7 25.3 37.9



#64

Tetrachloroethene

Concen: 51.893 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Tgt Ion:164 Resp: 271602

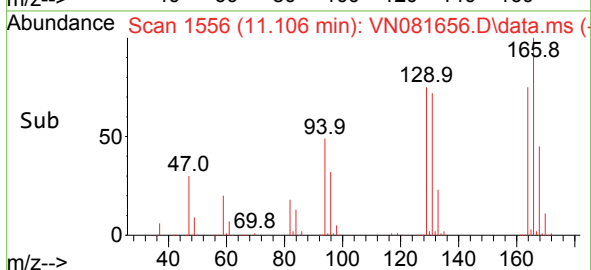
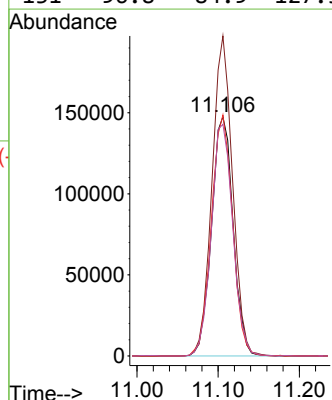
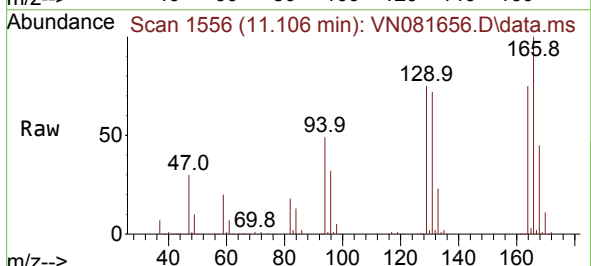
Ion Ratio Lower Upper

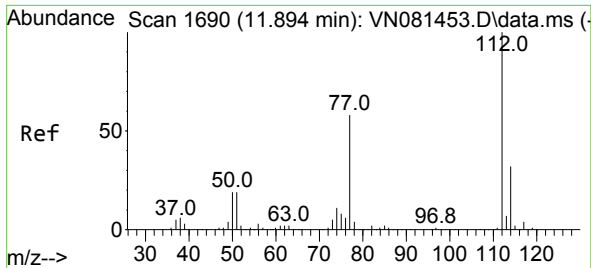
164 100

166 133.7 105.8 158.6

129 100.7 89.6 134.4

131 96.8 84.9 127.3

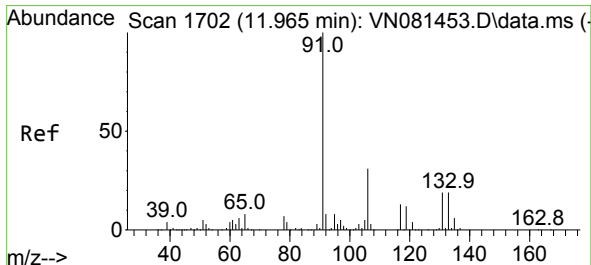
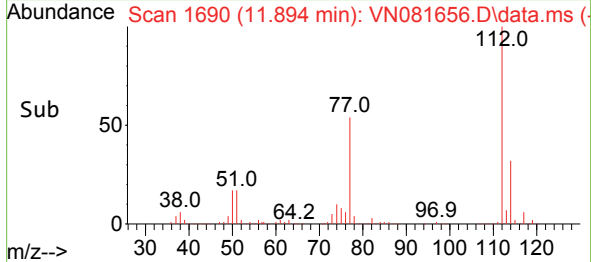
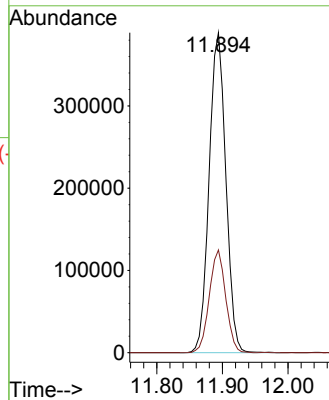
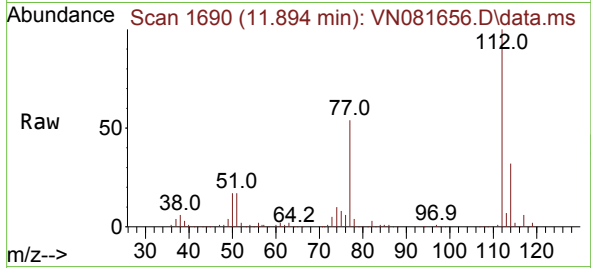




#65
Chlorobenzene
Concen: 53.227 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

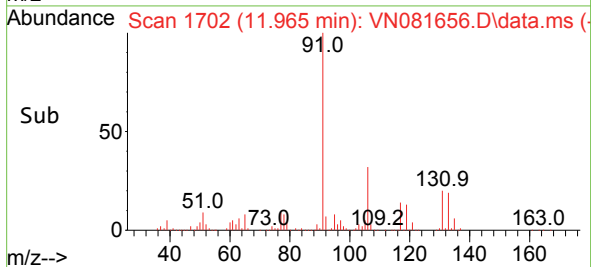
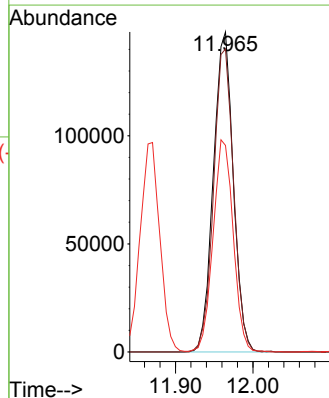
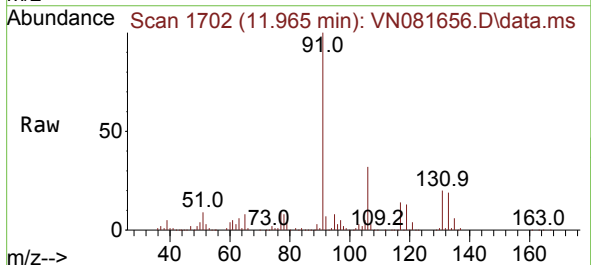
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

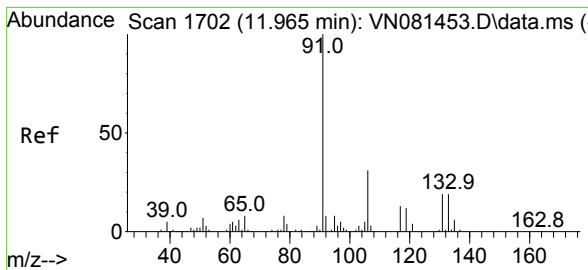
Tgt Ion:112 Resp: 688972
Ion Ratio Lower Upper
112 100
114 32.1 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.074 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:131 Resp: 264217
Ion Ratio Lower Upper
131 100
133 95.1 46.8 140.3
119 67.1 34.6 103.9

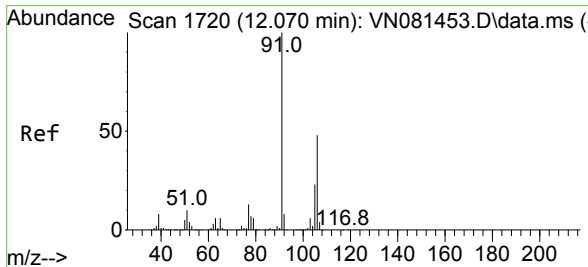
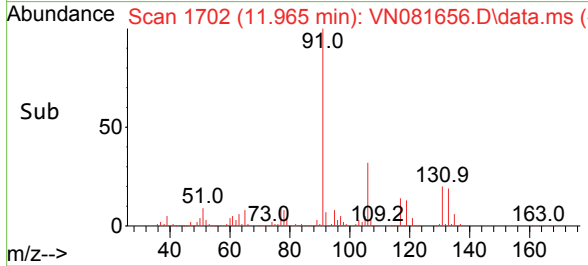
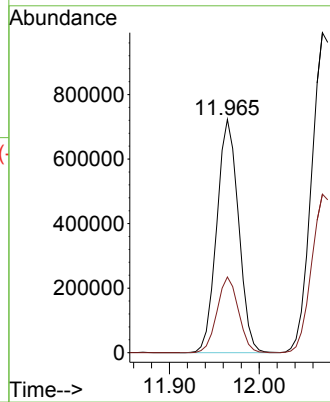
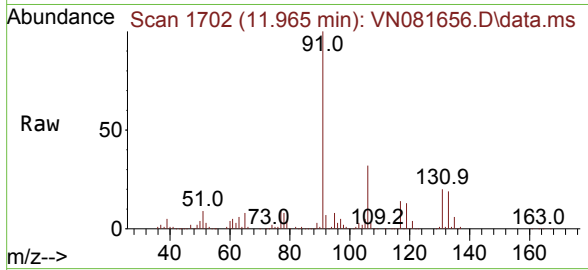




#67
Ethyl Benzene
Concen: 54.172 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

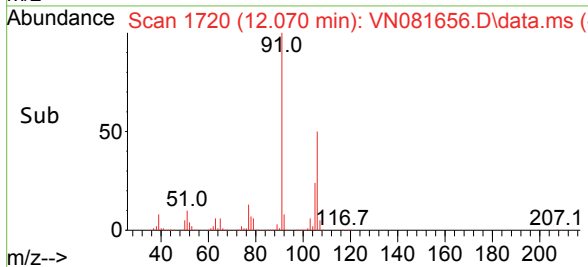
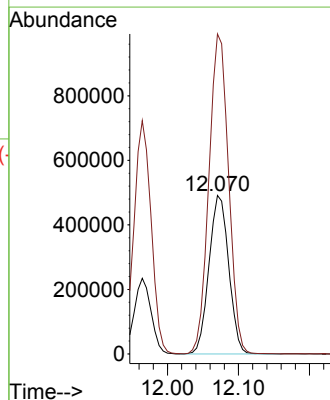
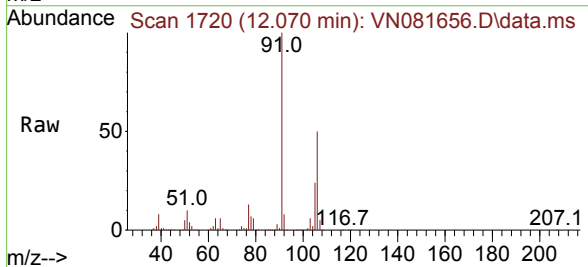
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

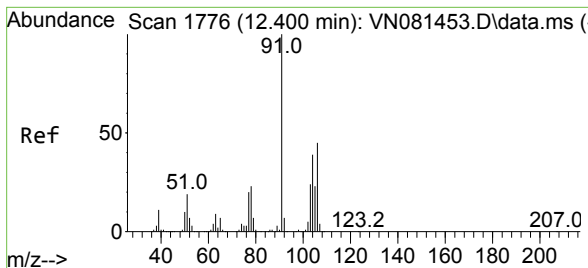
Tgt Ion: 91 Resp: 1218051
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.6



#68
m/p-Xylenes
Concen: 112.453 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:106 Resp: 947889
Ion Ratio Lower Upper
106 100
91 201.1 169.0 253.6

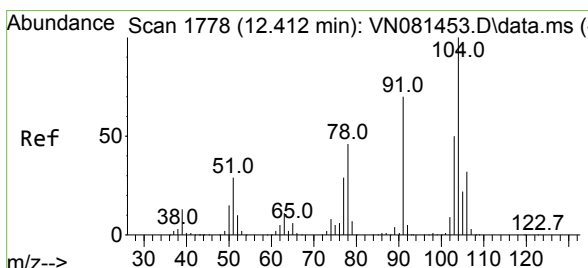
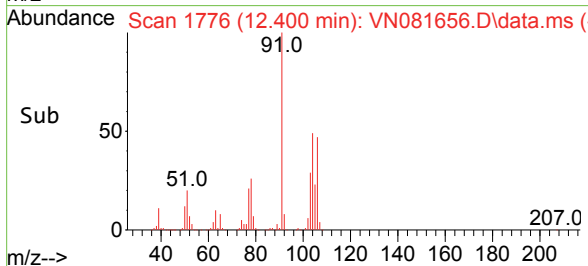
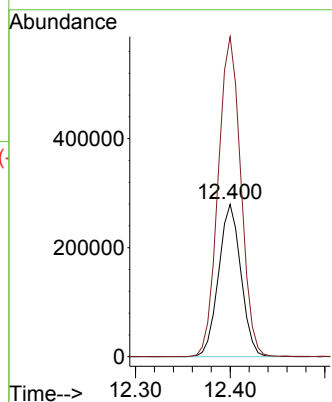
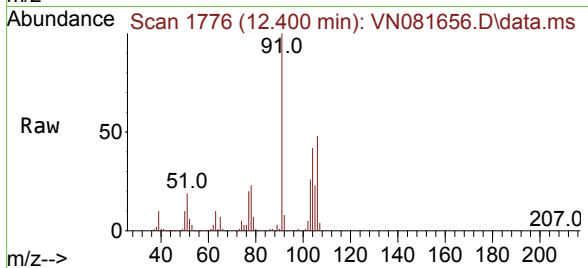




#69
o-Xylene
Concen: 55.300 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

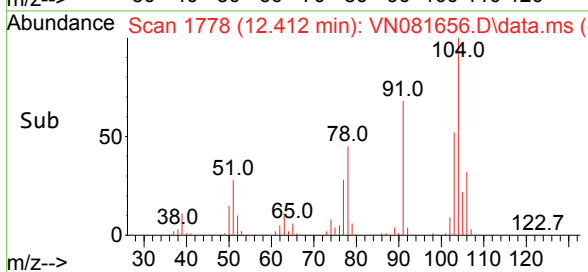
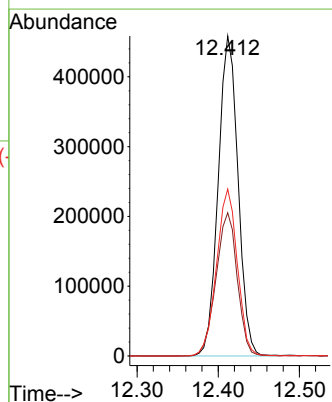
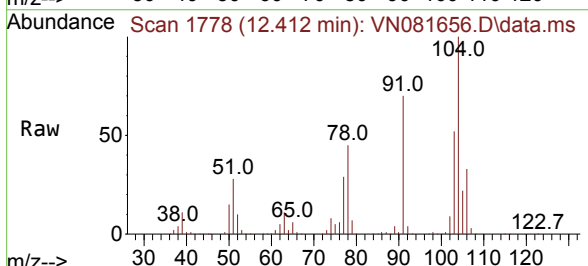
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

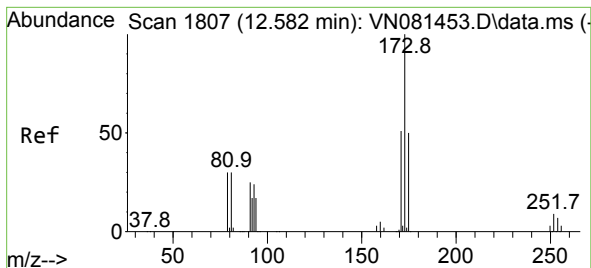
Tgt Ion:106 Resp: 457616
Ion Ratio Lower Upper
106 100
91 213.6 112.1 336.3



#70
Styrene
Concen: 58.370 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion:104 Resp: 779022
Ion Ratio Lower Upper
104 100
78 47.9 43.8 65.8
103 54.8 44.2 66.2





#71

Bromoform

Concen: 53.423 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

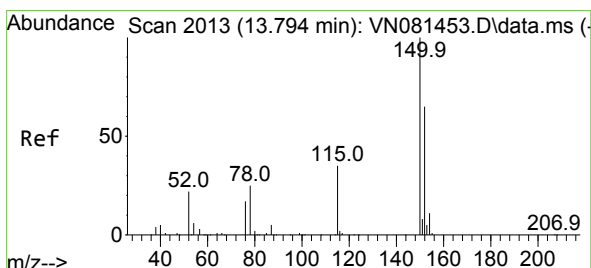
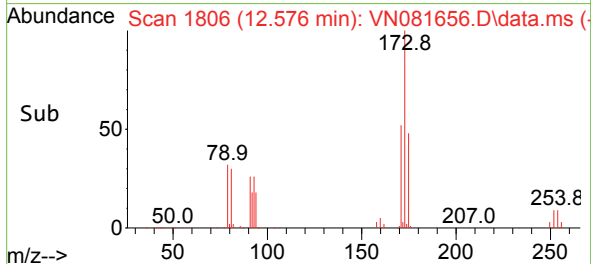
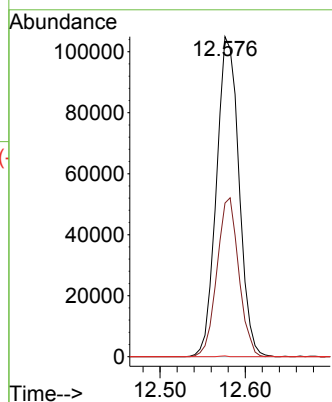
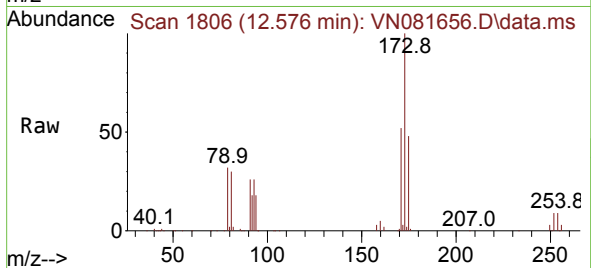
Tgt Ion:173 Resp: 192595

Ion Ratio Lower Upper

173 100

175 48.1 23.1 69.2

254 0.1 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: VN081656.D

Acq: 02 Apr 2024 16:28

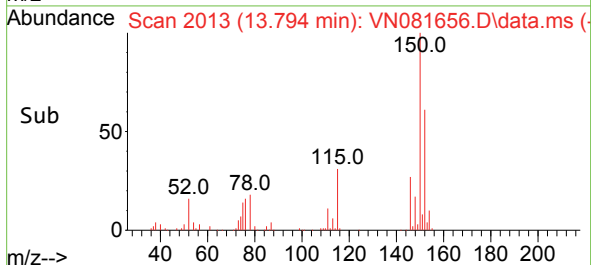
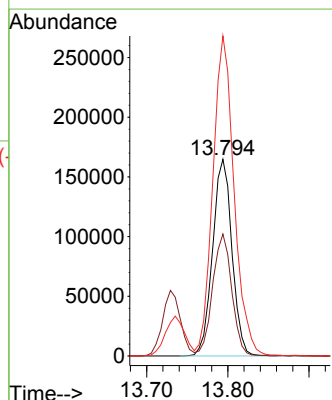
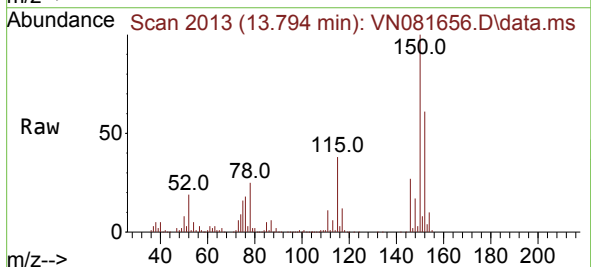
Tgt Ion:152 Resp: 273070

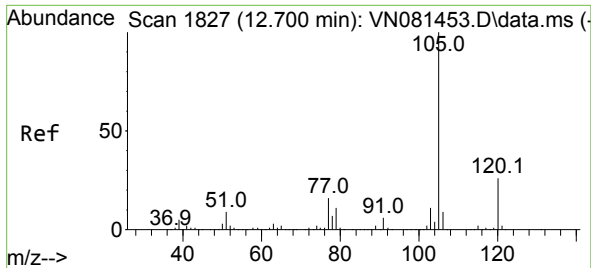
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 177.8 0.0 339.8

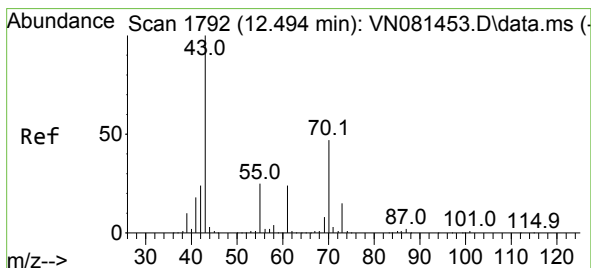
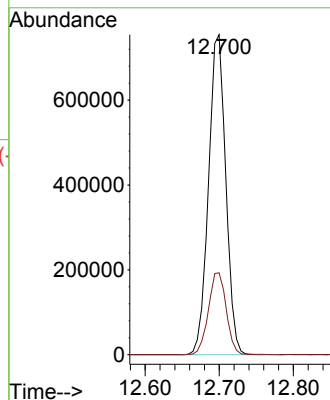
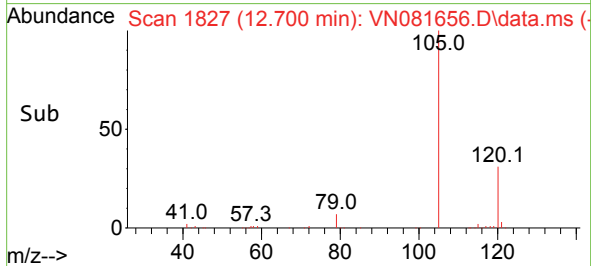
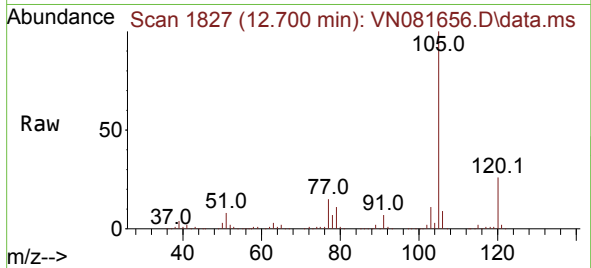




#73
Isopropylbenzene
Concen: 52.353 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

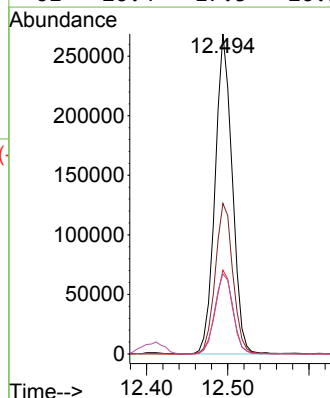
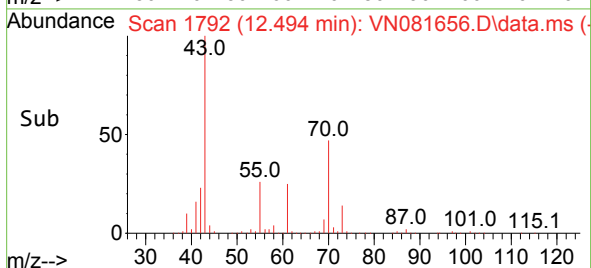
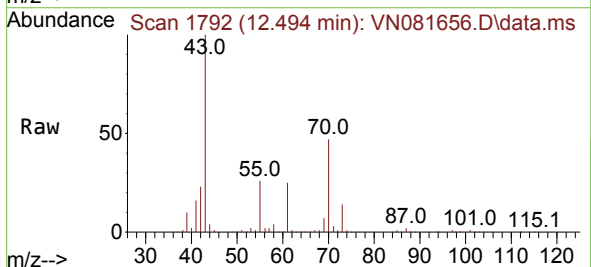
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

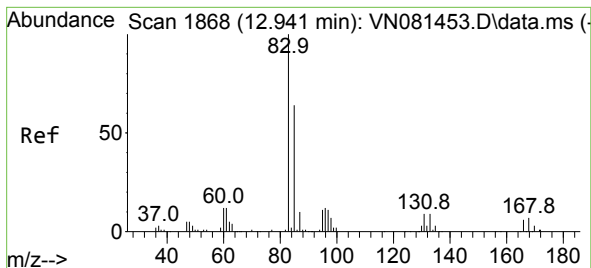
Tgt Ion:105 Resp: 1218602
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6



#74
N-ethyl acetate
Concen: 46.886 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 43 Resp: 394947
Ion Ratio Lower Upper
43 100
70 48.3 30.1 45.1#
55 26.8 17.0 25.4#
61 26.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.249 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

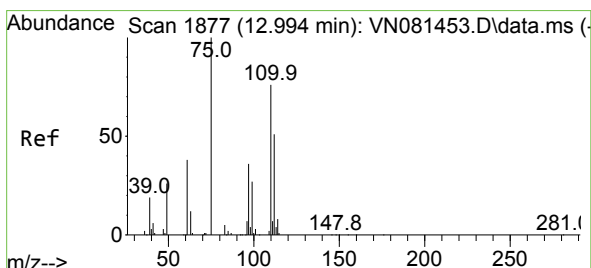
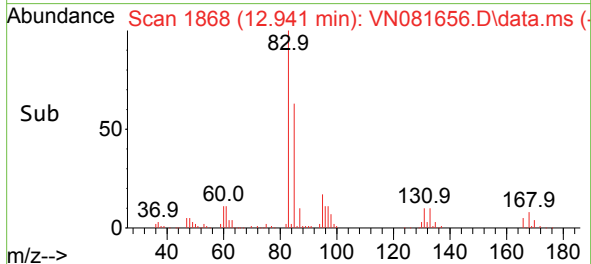
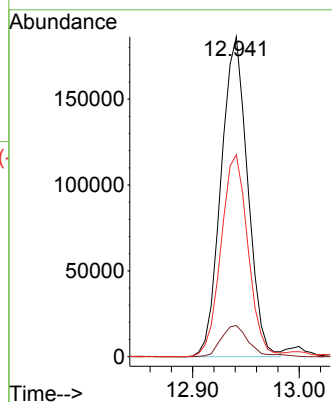
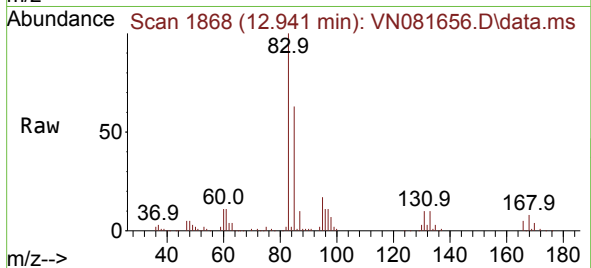
Tgt Ion: 83 Resp: 323362

Ion Ratio Lower Upper

83 100

131 10.2 4.1 12.3

85 64.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 68.271 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081656.D

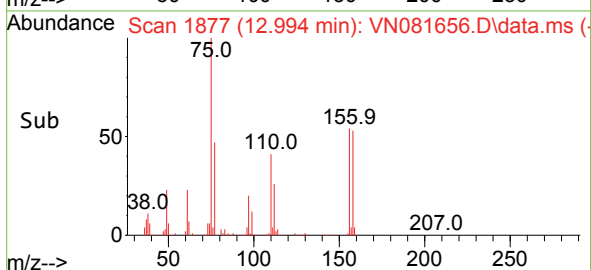
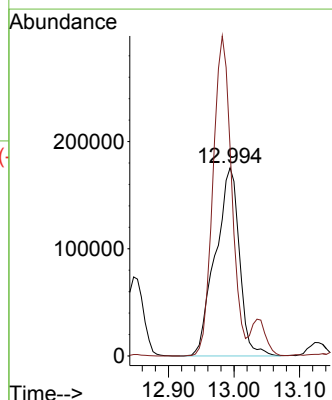
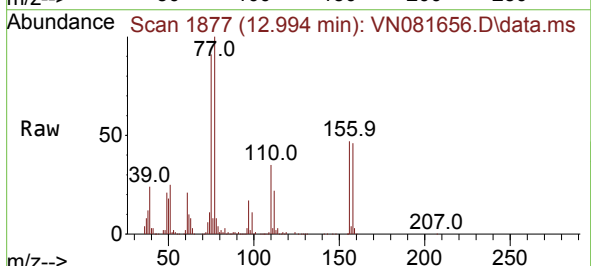
Acq: 02 Apr 2024 16:28

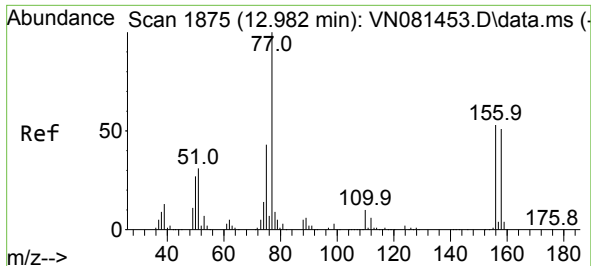
Tgt Ion: 75 Resp: 445944

Ion Ratio Lower Upper

75 100

77 131.5 91.0 272.8

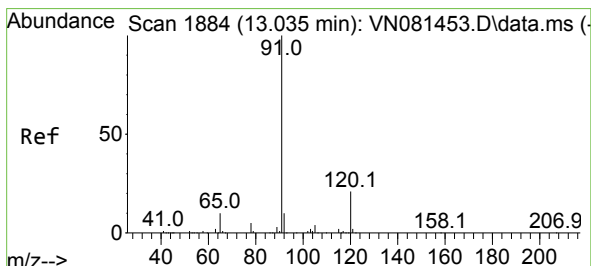
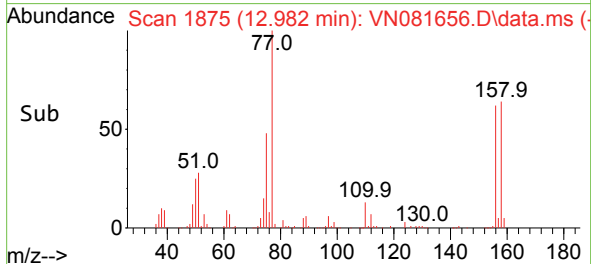
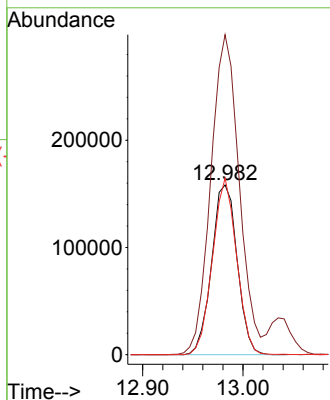
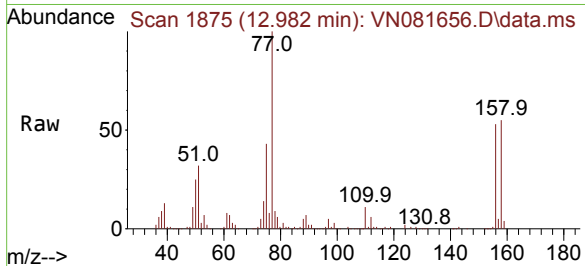




#77
Bromobenzene
Concen: 48.642 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

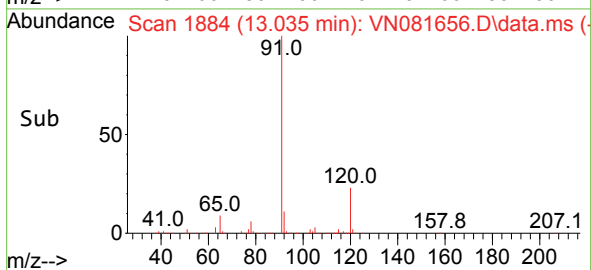
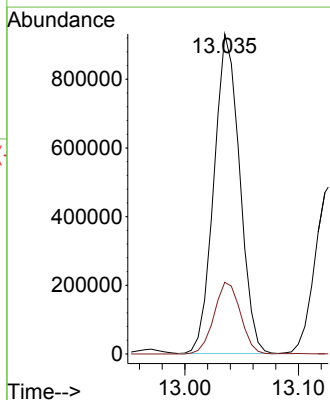
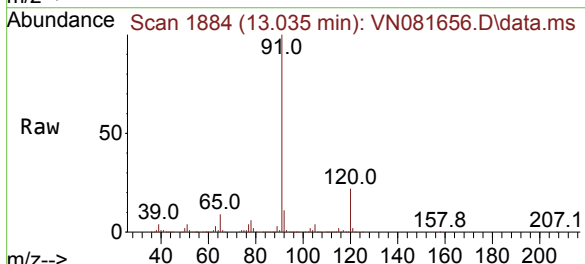
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

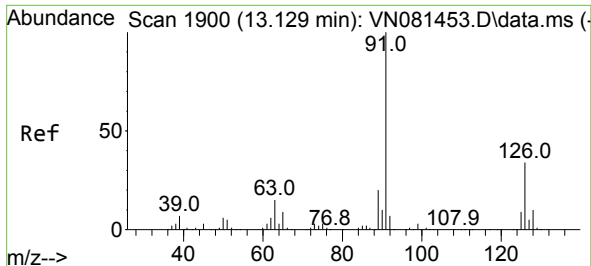
Tgt Ion:156 Resp: 279691
Ion Ratio Lower Upper
156 100
77 209.6 138.1 414.3
158 98.2 46.5 139.5



#78
n-propylbenzene
Concen: 53.289 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 91 Resp: 1464836
Ion Ratio Lower Upper
91 100
120 23.0 10.3 30.9

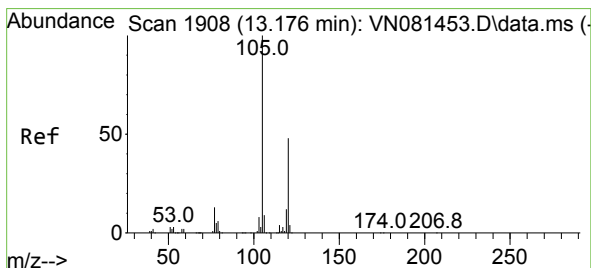
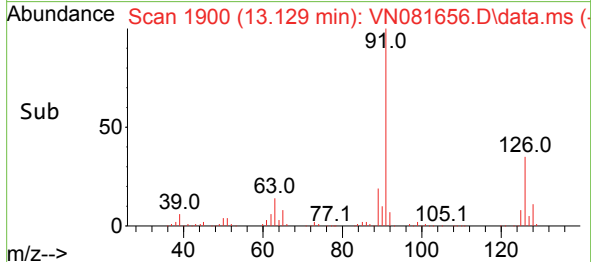
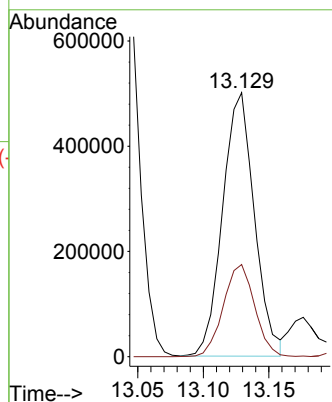
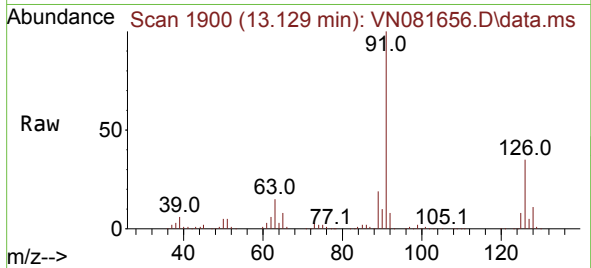




#79
2-Chlorotoluene
Concen: 51.391 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

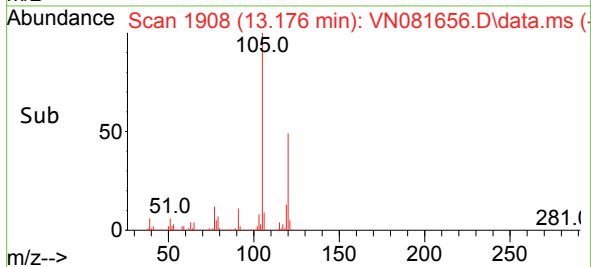
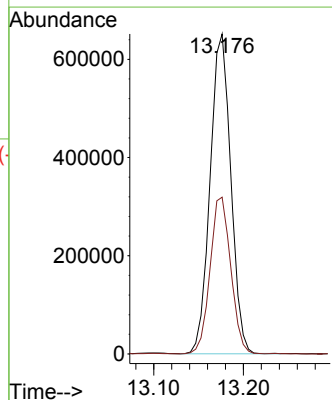
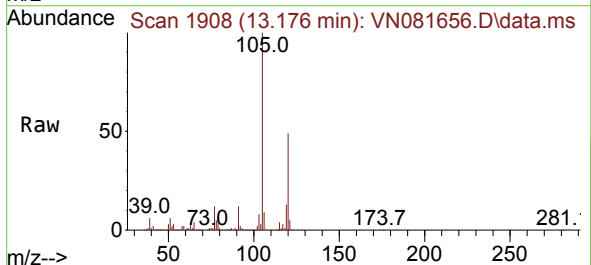
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

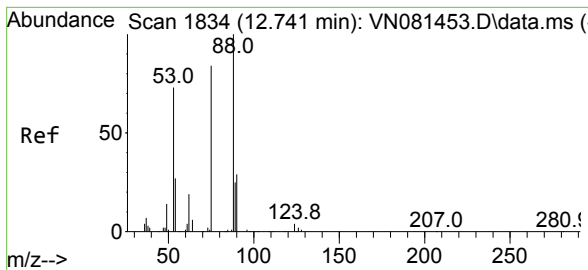
Tgt Ion: 91 Resp: 845492
Ion Ratio Lower Upper
91 100
126 34.5 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 54.247 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 105 Resp: 1042931
Ion Ratio Lower Upper
105 100
120 48.8 23.0 69.0

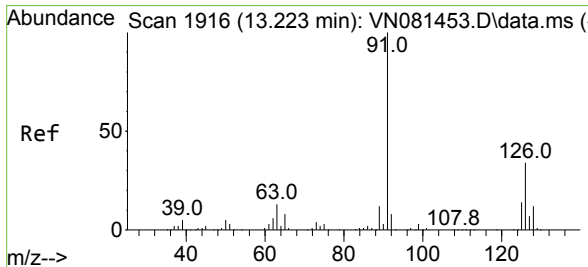
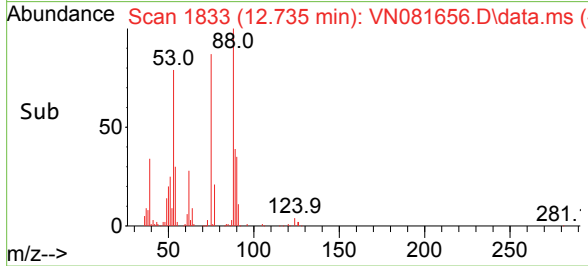
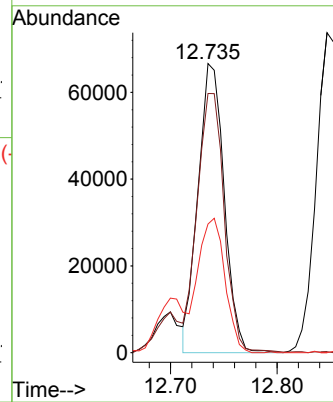
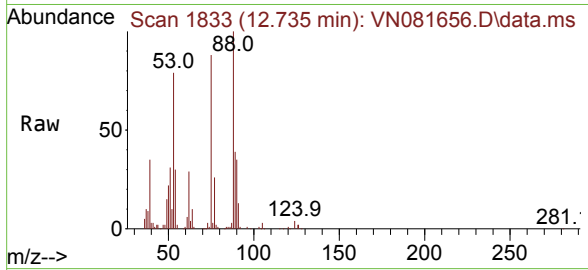




#81
trans-1,4-Dichloro-2-butene
Concen: 47.157 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

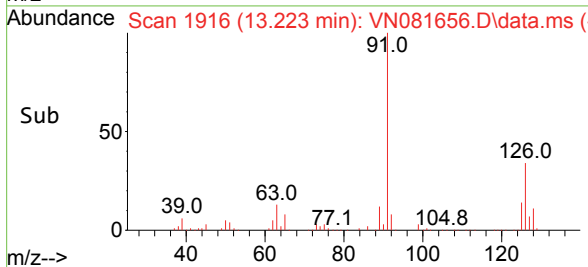
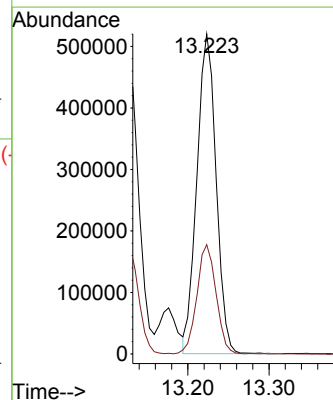
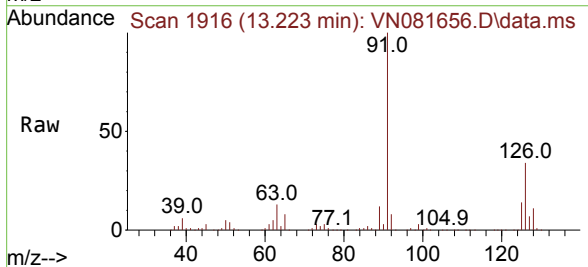
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

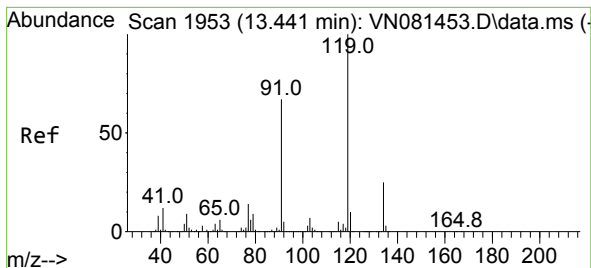
Tgt Ion: 75 Resp: 113987
Ion Ratio Lower Upper
75 100
53 105.7 71.4 107.2
89 46.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 52.706 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081656.D
Acq: 02 Apr 2024 16:28

Tgt Ion: 91 Resp: 854910
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 52.760 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

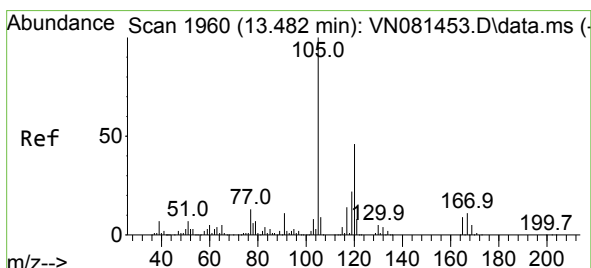
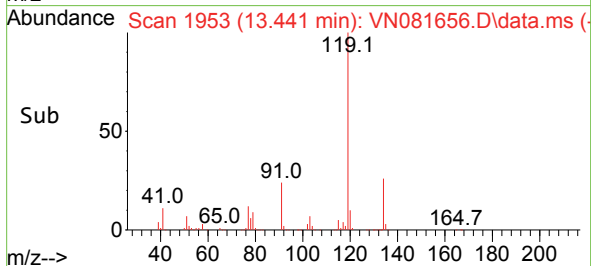
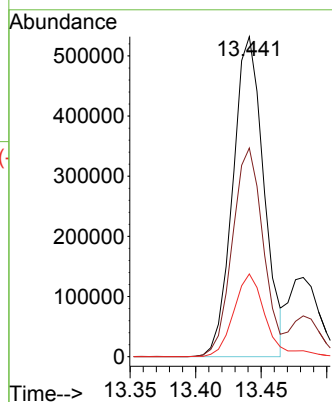
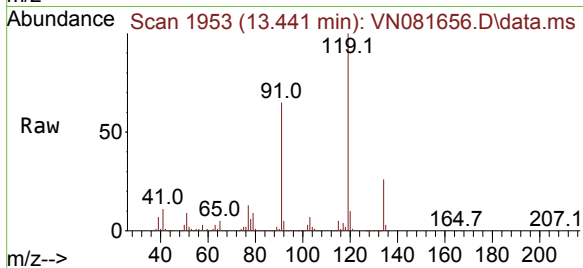
Tgt Ion:119 Resp: 874688

Ion Ratio Lower Upper

119 100

91 66.4 36.8 110.4

134 26.8 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 54.926 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081656.D

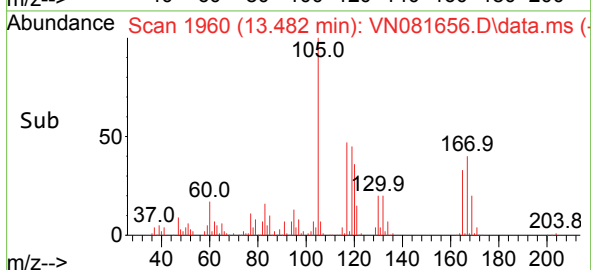
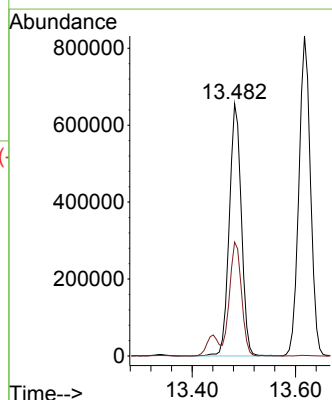
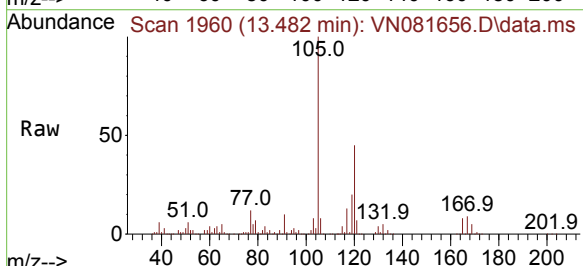
Acq: 02 Apr 2024 16:28

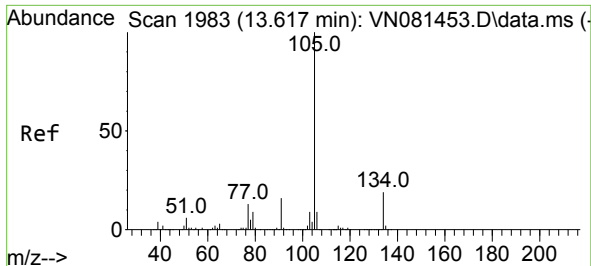
Tgt Ion:105 Resp: 1061326

Ion Ratio Lower Upper

105 100

120 44.2 20.9 62.7

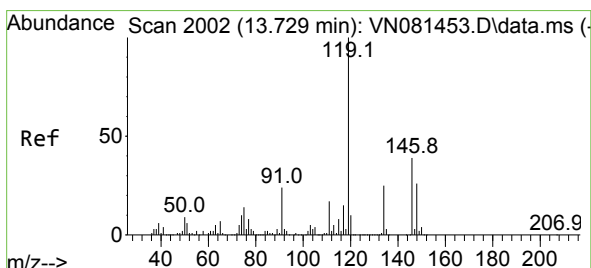
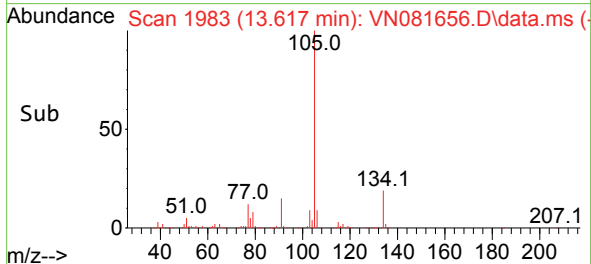
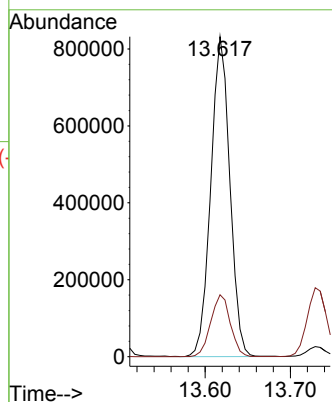
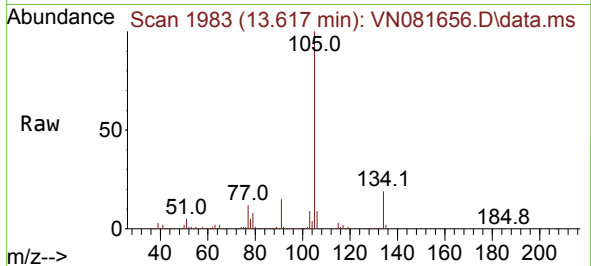




#85
 sec-Butylbenzene
 Concen: 54.479 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

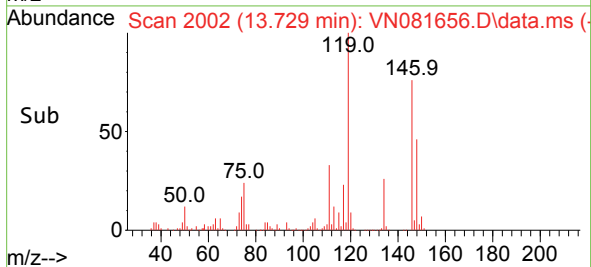
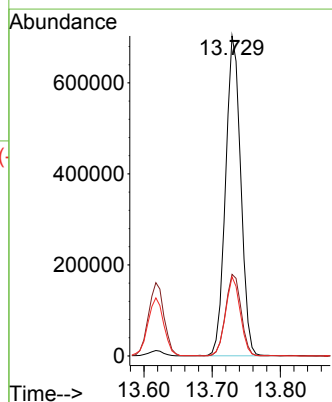
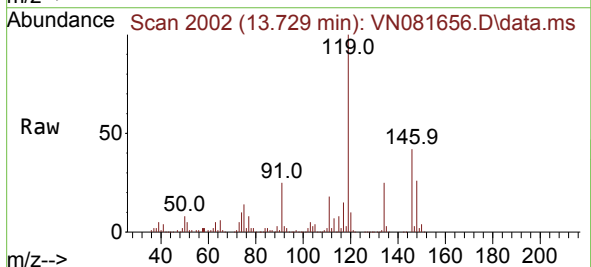
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

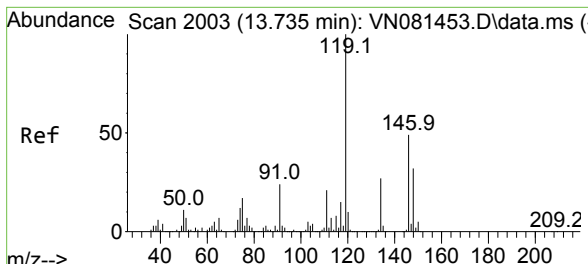
Tgt Ion:105 Resp: 1291157
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 56.133 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion:119 Resp: 1087494
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 24.0 13.5 40.4



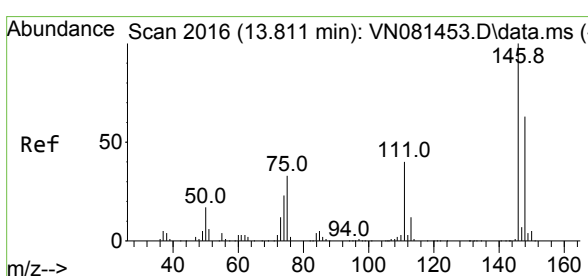
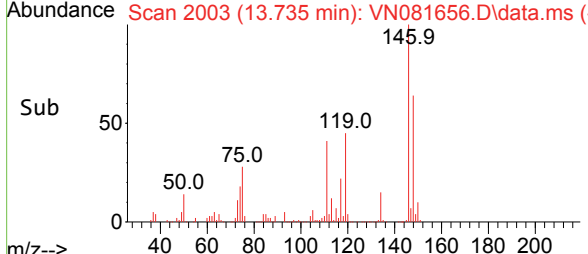
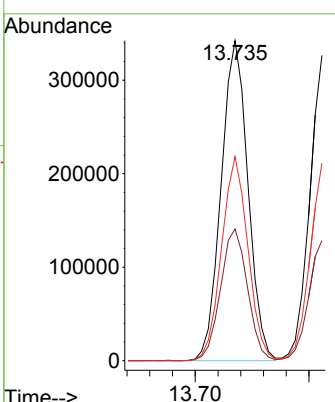
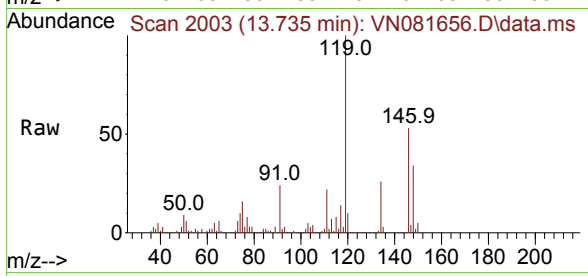


#87
 1,3-Dichlorobenzene
 Concen: 53.133 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 561323

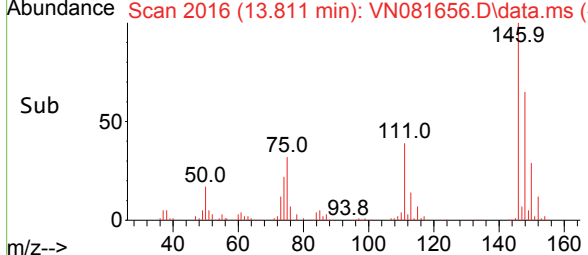
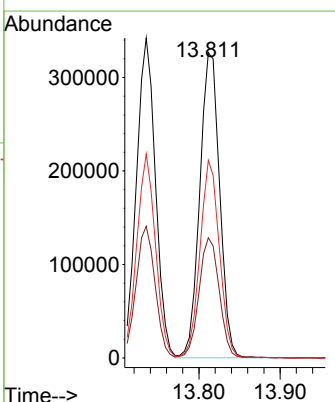
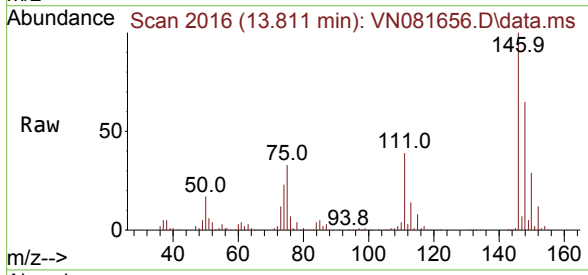
Ion	Ratio	Lower	Upper
146	100		
111	41.3	23.9	71.7
148	62.7	32.6	97.7

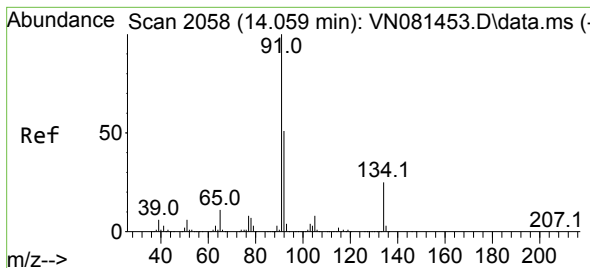


#88
 1,4-Dichlorobenzene
 Concen: 50.708 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion:146 Resp: 554700

Ion	Ratio	Lower	Upper
146	100		
111	39.7	22.6	67.7
148	63.0	31.9	95.5





#89

n-Butylbenzene

Concen: 55.697 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

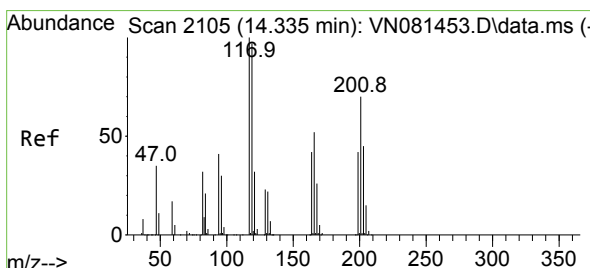
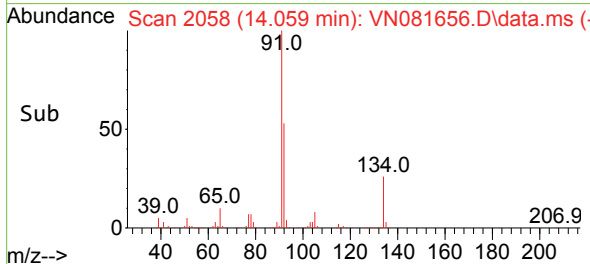
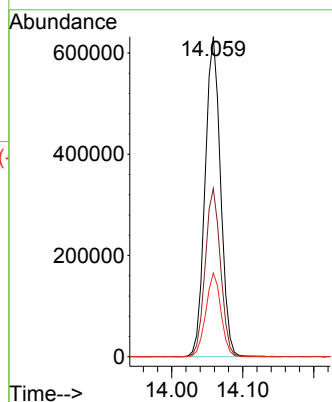
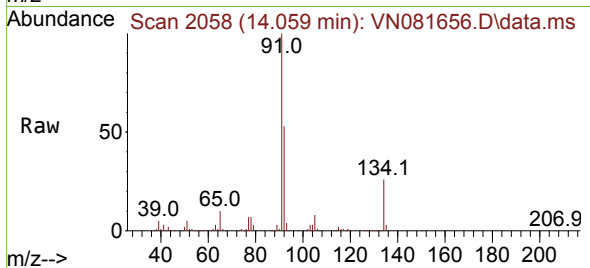
Tgt Ion: 91 Resp: 956811

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 25.6 10.8 32.4



#90

Hexachloroethane

Concen: 53.715 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081656.D

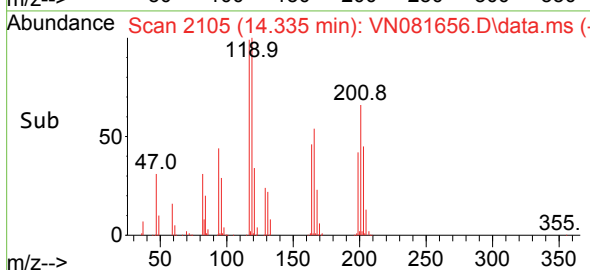
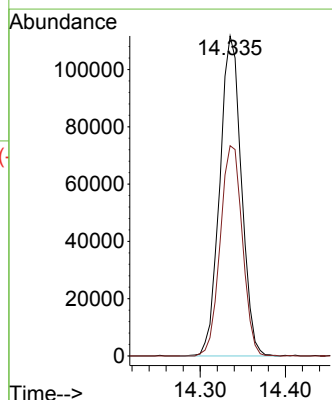
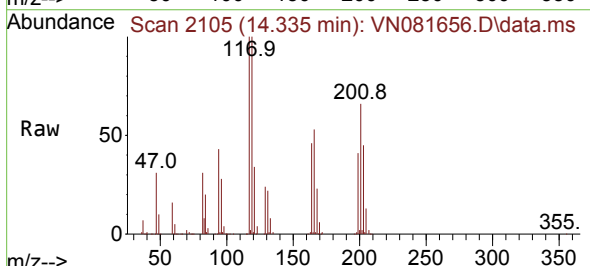
Acq: 02 Apr 2024 16:28

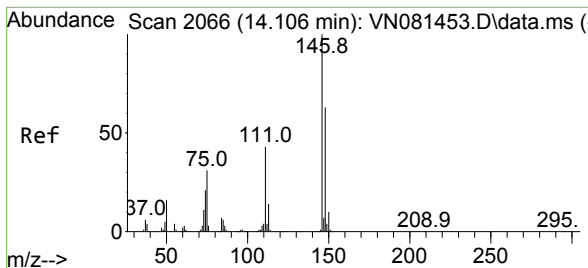
Tgt Ion: 117 Resp: 197082

Ion Ratio Lower Upper

117 100

201 67.0 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 52.458 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

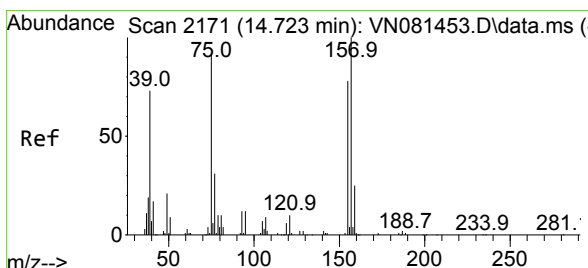
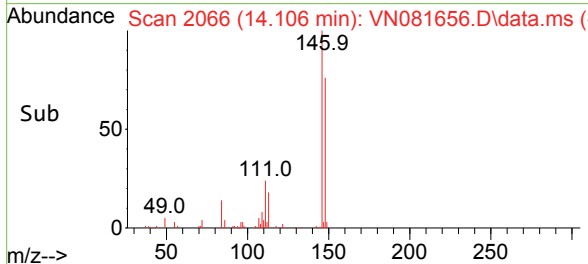
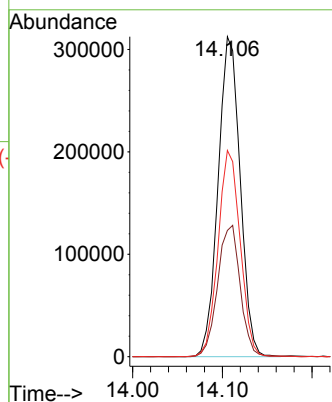
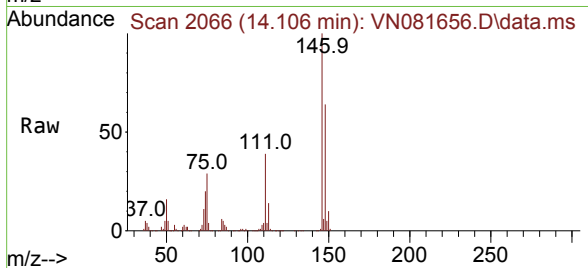
Tgt Ion:146 Resp: 533403

Ion Ratio Lower Upper

146 100

111 42.1 23.9 71.8

148 64.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.862 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

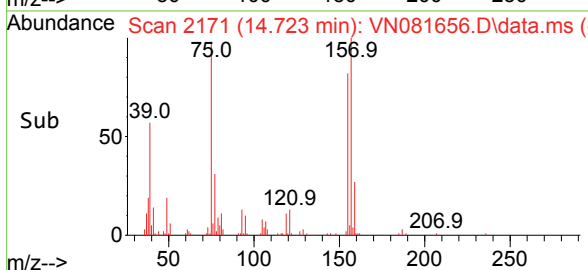
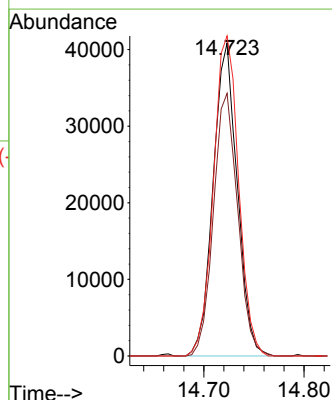
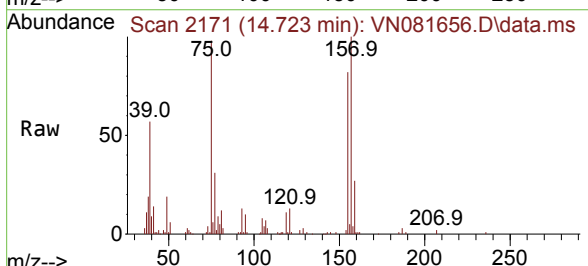
Tgt Ion: 75 Resp: 68253

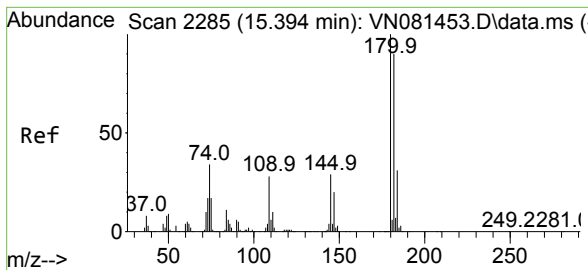
Ion Ratio Lower Upper

75 100

155 84.6 31.8 95.4

157 106.6 41.1 123.4

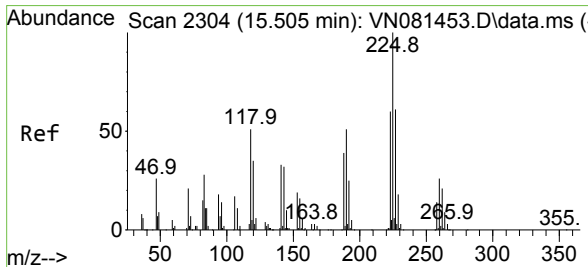
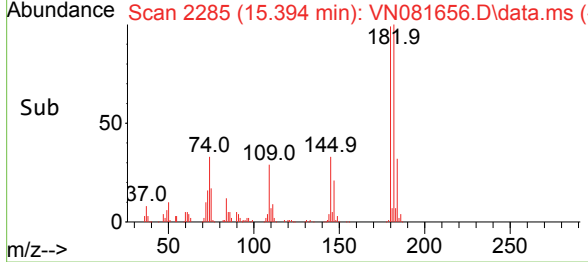
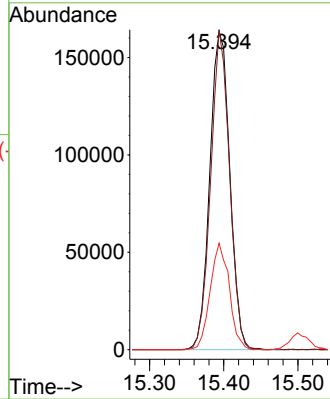
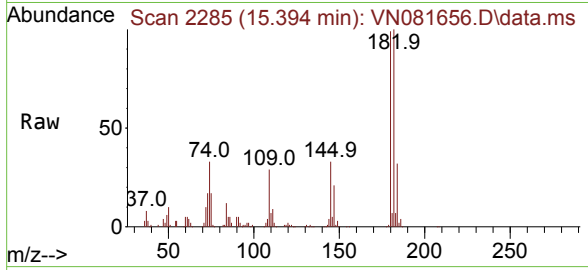




#93
 1,2,4-Trichlorobenzene
 Concen: 52.130 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

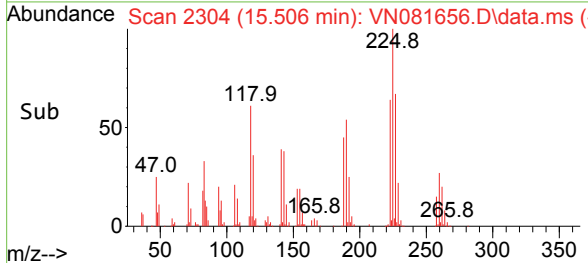
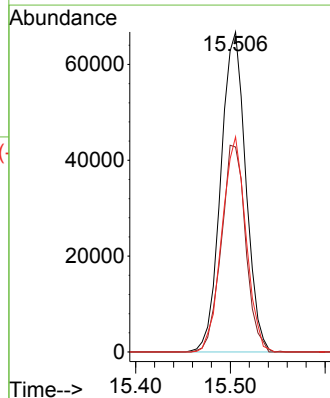
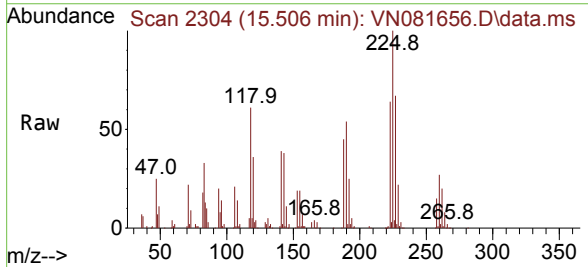
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

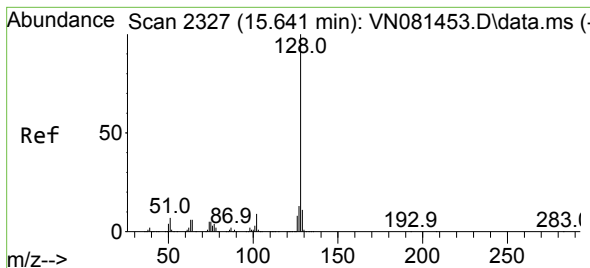
Tgt Ion:180 Resp: 306489
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.6 139.7
 145 32.0 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 47.285 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081656.D
 Acq: 02 Apr 2024 16:28

Tgt Ion:225 Resp: 121979
 Ion Ratio Lower Upper
 225 100
 223 63.0 33.3 99.8
 227 65.0 33.1 99.2





#95

Naphthalene

Concen: 51.496 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

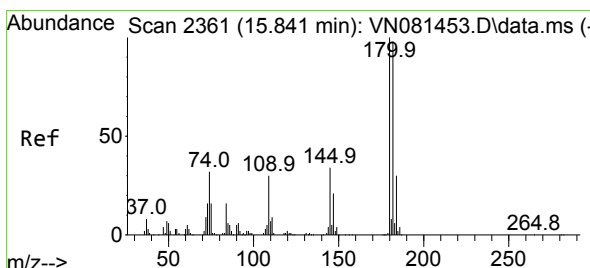
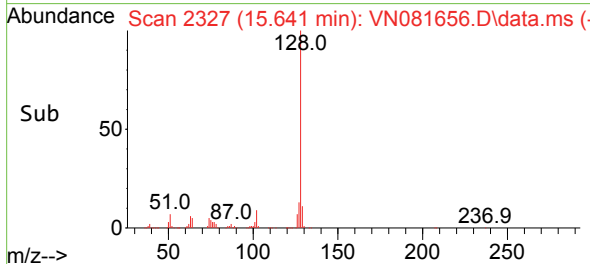
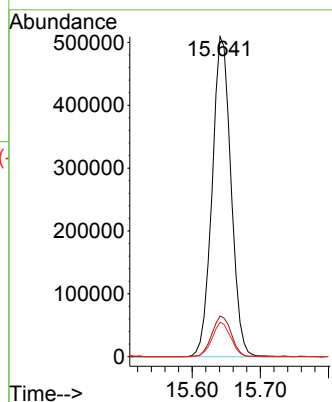
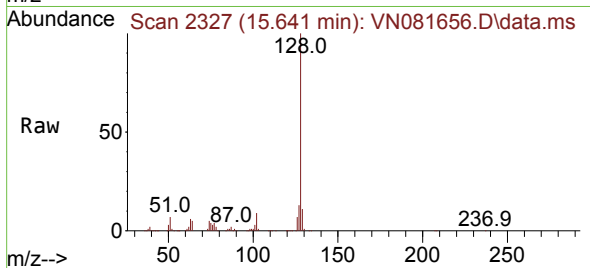
Tgt Ion:128 Resp: 981051

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.154 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081656.D

Acq: 02 Apr 2024 16:28

Tgt Ion:180 Resp: 302519

Ion Ratio Lower Upper

180 100

182 96.1 46.5 139.3

145 33.9 17.8 53.4

