

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081484.D
 Acq On : 19 Mar 2024 20:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 20 01:25:20 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	519979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	883755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	787228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	371104	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	323835	48.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.680%
35) Dibromofluoromethane	8.165	113	277818	49.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	10.565	98	1002038	49.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.853	95	354319	49.875	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	313879	44.830	ug/l	98
3) Chloromethane	2.359	50	292211	41.918	ug/l	97
4) Vinyl Chloride	2.512	62	344089	43.982	ug/l	98
5) Bromomethane	2.954	94	213130	38.521	ug/l	99
6) Chloroethane	3.118	64	225125	41.911	ug/l	97
7) Trichlorofluoromethane	3.495	101	517183	44.357	ug/l	96
8) Diethyl Ether	3.959	74	180998	46.907	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	290680	43.876	ug/l	# 87
10) Methyl Iodide	4.589	142	354584	53.746	ug/l	96
11) Tert butyl alcohol	5.518	59	229669	198.746	ug/l	100
12) 1,1-Dichloroethene	4.342	96	278349	45.359	ug/l	85
13) Acrolein	4.177	56	237529	229.067	ug/l	99
14) Allyl chloride	5.024	41	356886	46.412	ug/l	# 85
15) Acrylonitrile	5.718	53	661895	214.102	ug/l	97
16) Acetone	4.418	43	468746	218.732	ug/l	94
17) Carbon Disulfide	4.718	76	738633	41.944	ug/l	# 94
18) Methyl Acetate	5.018	43	300023	45.411	ug/l	# 87
19) Methyl tert-butyl Ether	5.795	73	916296	47.711	ug/l	96
20) Methylene Chloride	5.277	84	308573	43.957	ug/l	# 83
21) trans-1,2-Dichloroethene	5.789	96	300183	43.872	ug/l	92
22) Diisopropyl ether	6.671	45	881572	49.341	ug/l	# 92
23) Vinyl Acetate	6.600	43	3406997	239.565	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	545453	45.580	ug/l	97
25) 2-Butanone	7.483	43	804904	218.979	ug/l	# 87
26) 2,2-Dichloropropane	7.494	77	465555	44.854	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	349450	45.139	ug/l	88
28) Bromochloromethane	7.812	49	220753	45.290	ug/l	# 54
29) Tetrahydrofuran	7.836	42	536269	216.569	ug/l	# 78
30) Chloroform	7.965	83	579573	45.241	ug/l	97
31) Cyclohexane	8.259	56	477462	44.248	ug/l	# 78
32) 1,1,1-Trichloroethane	8.171	97	534685	46.003	ug/l	91
36) 1,1-Dichloropropene	8.371	75	436734	46.530	ug/l	96
37) Ethyl Acetate	7.559	43	351143	43.689	ug/l	98
38) Carbon Tetrachloride	8.359	117	465378	45.261	ug/l	99
39) Methylcyclohexane	9.600	83	508162	48.480	ug/l	# 85
40) Benzene	8.606	78	1266386	46.150	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	203986	47.991	ug/l	93
42) 1,2-Dichloroethane	8.671	62	445619	46.144	ug/l	99
43) Isopropyl Acetate	8.688	43	648255	48.658	ug/l #	95
44) Trichloroethene	9.353	130	351161	45.500	ug/l	97
45) 1,2-Dichloropropane	9.624	63	320174	48.144	ug/l	98
46) Dibromomethane	9.706	93	228119	45.168	ug/l #	86
47) Bromodichloromethane	9.888	83	453349	45.911	ug/l #	95
48) Methyl methacrylate	9.683	41	289461	47.105	ug/l #	85
49) 1,4-Dioxane	9.694	88	121601	823.448	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1813840	223.120	ug/l	91
52) Toluene	10.630	92	809687	46.424	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	500838	46.972	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	535622	46.853	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	316063	45.029	ug/l	95
56) Ethyl methacrylate	10.877	69	473807	45.787	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	540603	46.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1216300	275.393	ug/l #	85
59) 2-Hexanone	11.194	43	1340783	223.077	ug/l	92
60) Dibromochloromethane	11.359	129	348196	45.107	ug/l	100
61) 1,2-Dibromoethane	11.471	107	325681	45.511	ug/l	97
64) Tetrachloroethene	11.106	164	344800	45.821	ug/l	89
65) Chlorobenzene	11.894	112	860987	46.265	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	318211	46.135	ug/l	97
67) Ethyl Benzene	11.965	91	1575297	48.730	ug/l	97
68) m/p-Xylenes	12.071	106	1187611	97.997	ug/l	96
69) o-Xylene	12.400	106	578708	48.642	ug/l	96
70) Styrene	12.412	104	957927	49.923	ug/l	97
71) Bromoform	12.582	173	238224	45.962	ug/l #	99
73) Isopropylbenzene	12.694	105	1515713	47.915	ug/l	97
74) N-amyl acetate	12.494	43	556224	48.588	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	390222	41.956	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	557563	62.810	ug/l	64
77) Bromobenzene	12.982	156	344991	44.149	ug/l	73
78) n-propylbenzene	13.035	91	1804688	48.309	ug/l	95
79) 2-Chlorotoluene	13.123	91	1056879	47.269	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1278878	48.947	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	144220	43.903	ug/l	92
82) 4-Chlorotoluene	13.223	91	1050026	47.634	ug/l	95
83) tert-Butylbenzene	13.441	119	1087825	48.282	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1295970	49.351	ug/l	95
85) sec-Butylbenzene	13.618	105	1547486	48.046	ug/l	93
86) p-Isopropyltoluene	13.729	119	1318536	50.080	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	641396	44.674	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	679487	45.707	ug/l	95
89) n-Butylbenzene	14.059	91	1175855	50.366	ug/l	97
90) Hexachloroethane	14.335	117	227448	45.615	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	629341	45.543	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87301	44.106	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	374946	46.926	ug/l	98
94) Hexachlorobutadiene	15.506	225	147457	42.062	ug/l	96
95) Naphthalene	15.641	128	1276435	49.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	365137	45.432	ug/l	98

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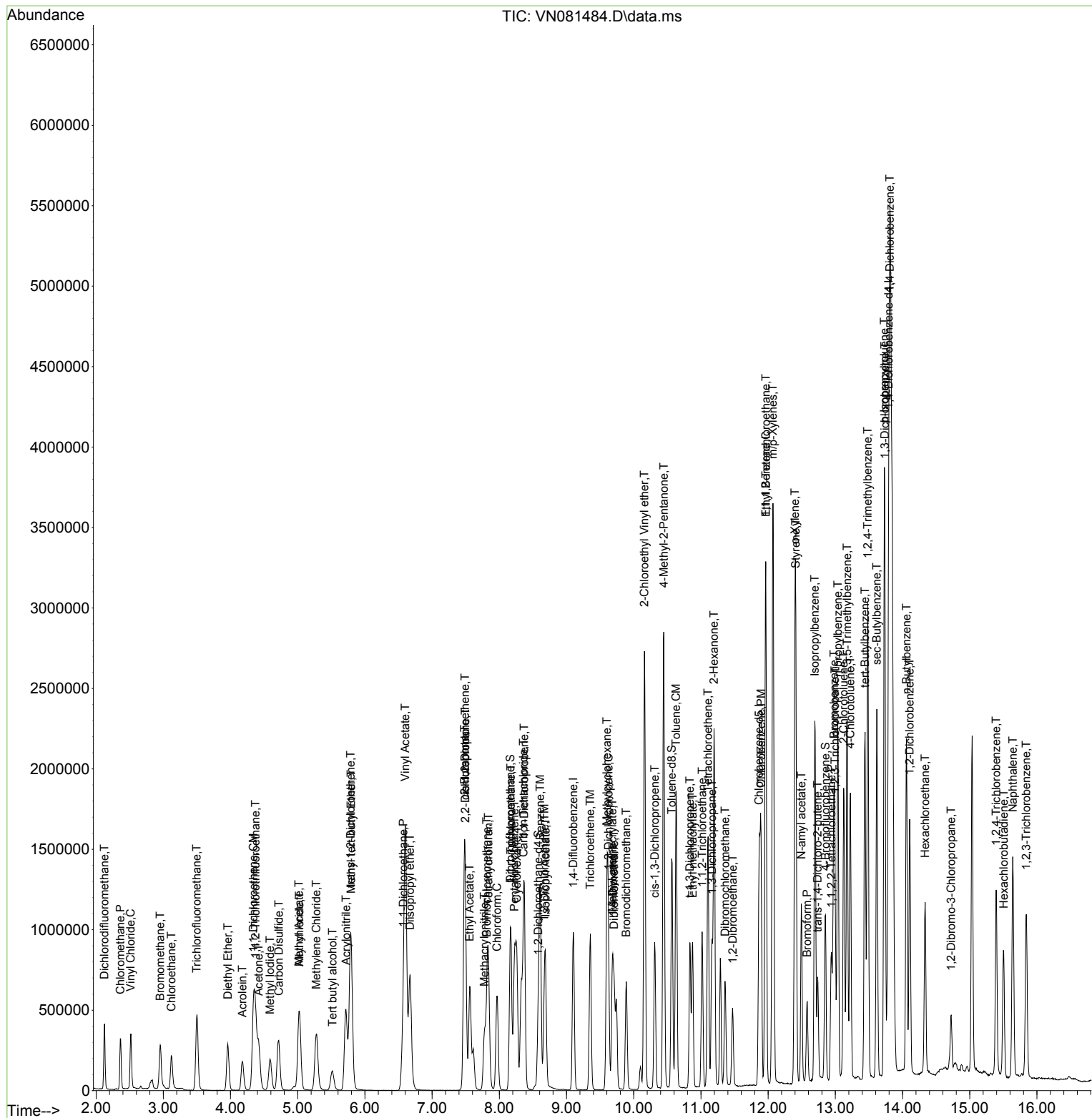
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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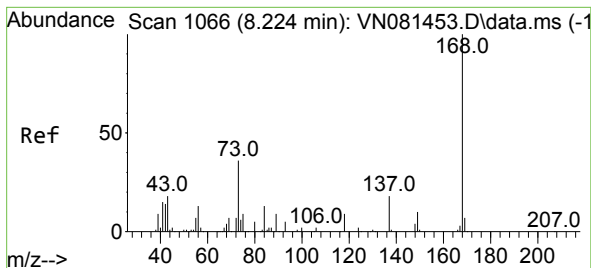
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081484.D

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MSVOA_N

ClientSampleId :

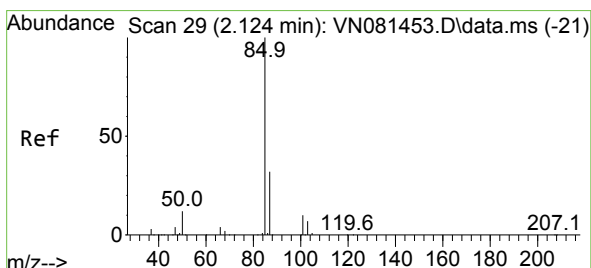
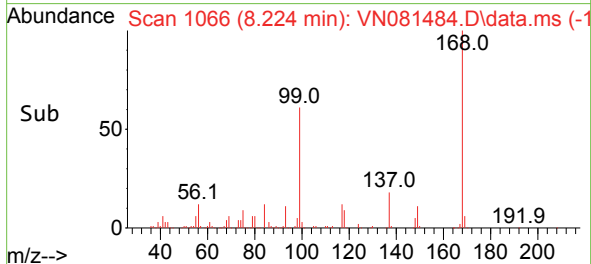
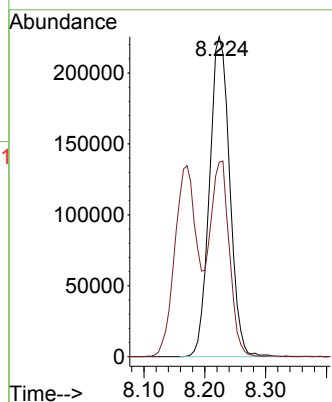
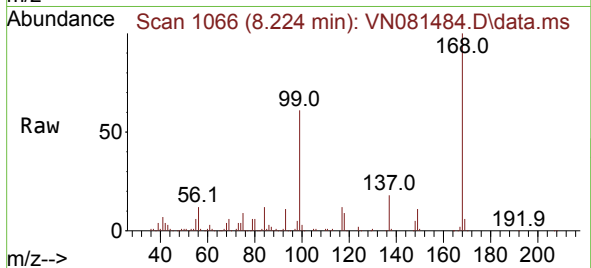
VSTDCCC050EC

Tgt Ion:168 Resp: 519979

Ion Ratio Lower Upper

168 100

99 60.6 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 44.830 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081484.D

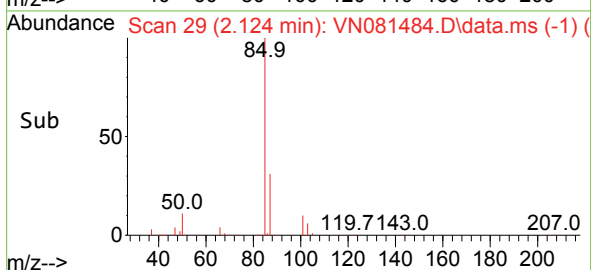
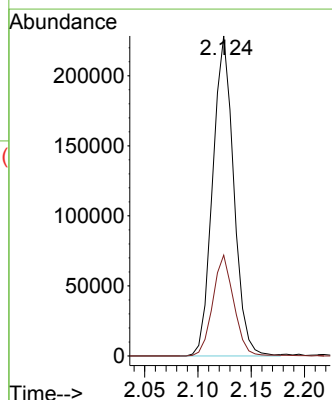
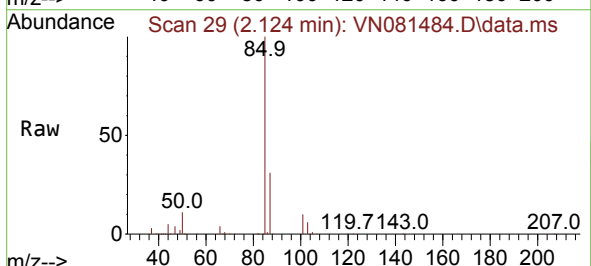
Acq: 19 Mar 2024 20:31

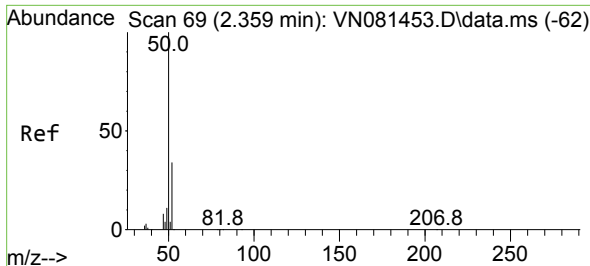
Tgt Ion: 85 Resp: 313879

Ion Ratio Lower Upper

85 100

87 31.5 15.3 45.9

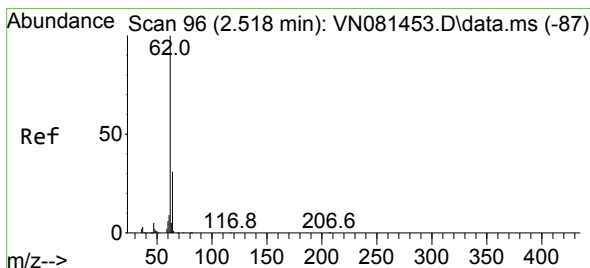
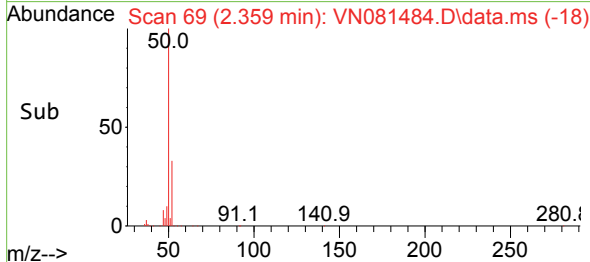
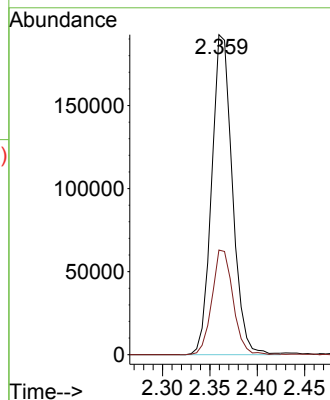
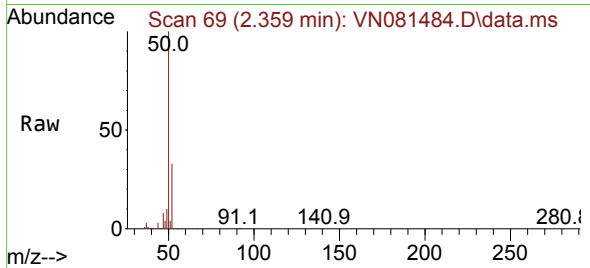




#3
Chloromethane
Concen: 41.918 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

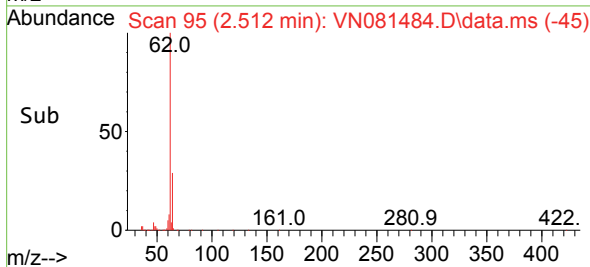
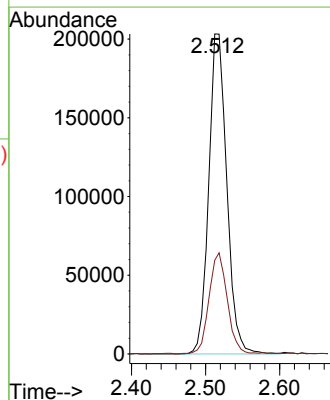
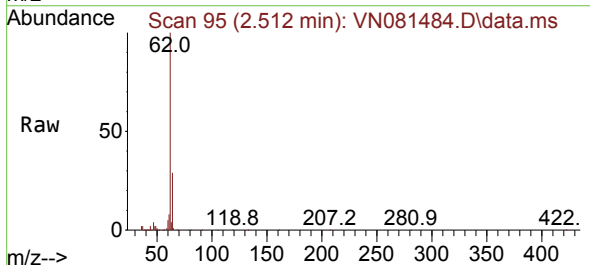
Instrument :
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ClientSampleId :
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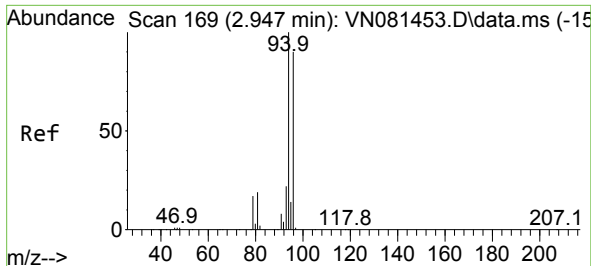
Tgt Ion: 50 Resp: 292211
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 43.982 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 62 Resp: 344089
Ion Ratio Lower Upper
62 100
64 29.2 22.7 34.1

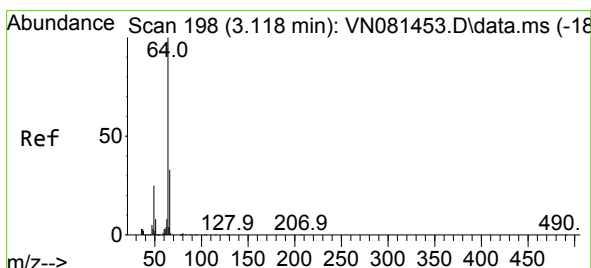
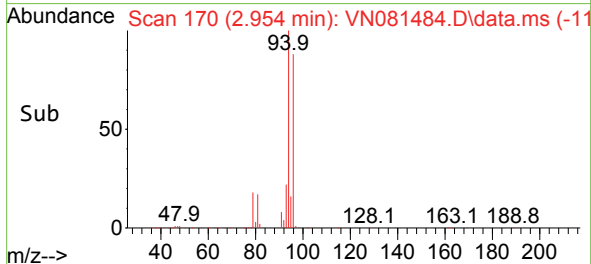
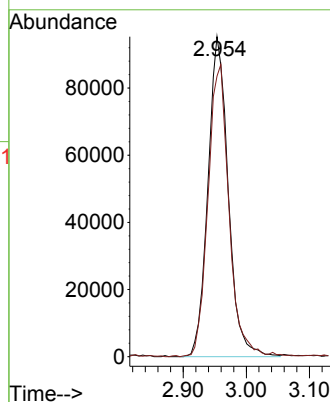
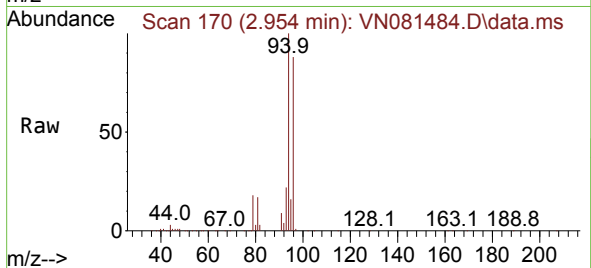




#5
Bromomethane
Concen: 38.521 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

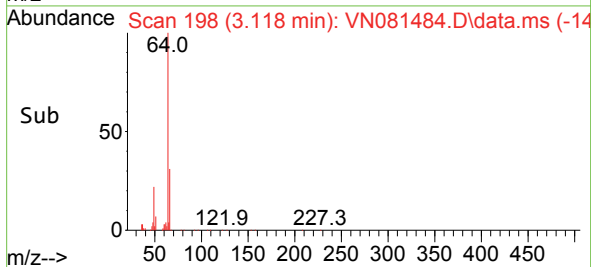
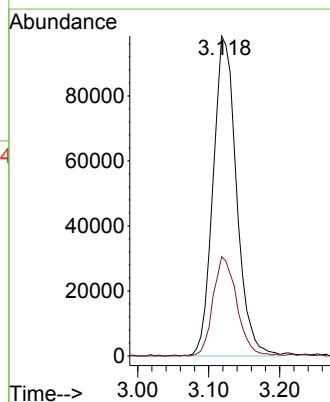
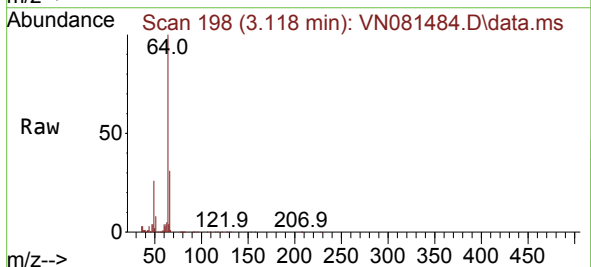
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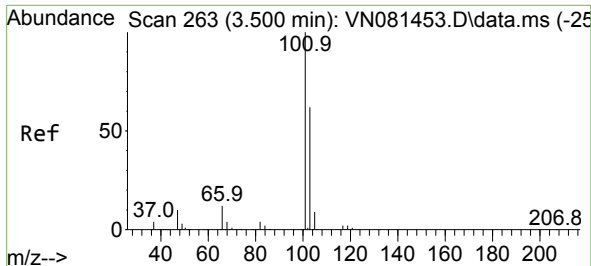
Tgt Ion: 94 Resp: 213130
Ion Ratio Lower Upper
94 100
96 87.7 69.2 103.8



#6
Chloroethane
Concen: 41.911 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 64 Resp: 225125
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

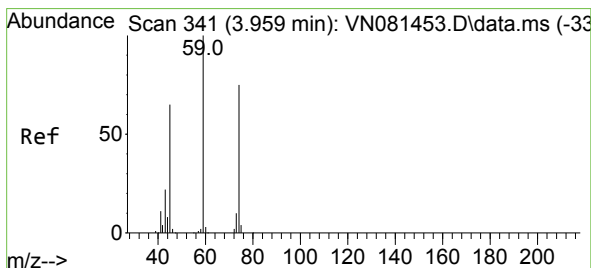
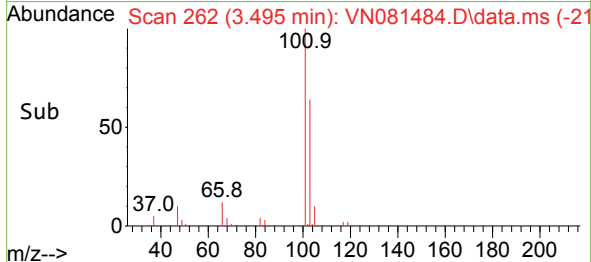
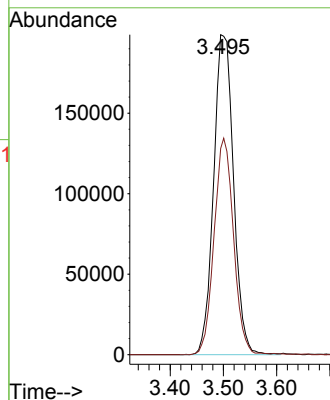
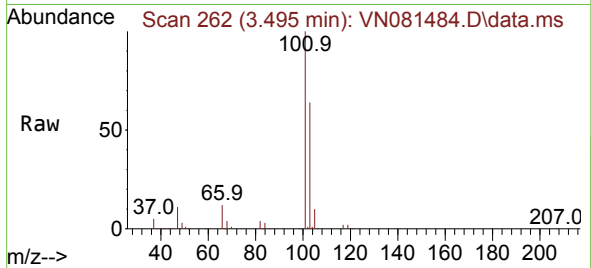




#7
Trichlorofluoromethane
Concen: 44.357 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

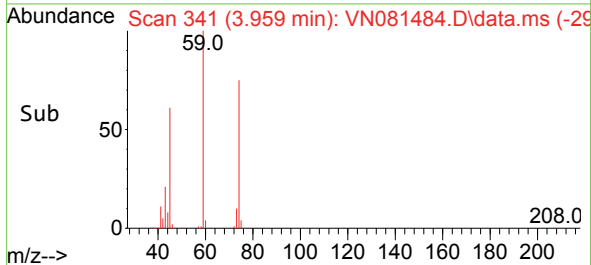
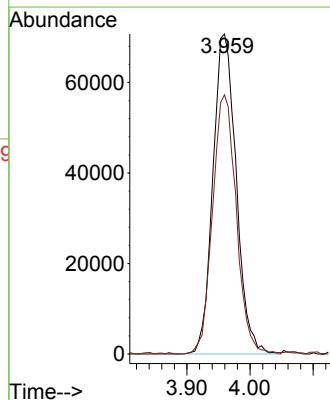
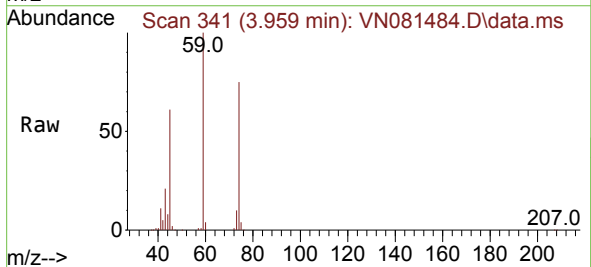
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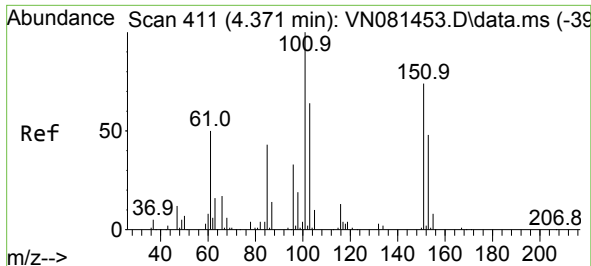
Tgt Ion:101 Resp: 517183
Ion Ratio Lower Upper
101 100
103 64.4 54.4 81.6



#8
Diethyl Ether
Concen: 46.907 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 74 Resp: 180998
Ion Ratio Lower Upper
74 100
45 82.6 53.3 159.9

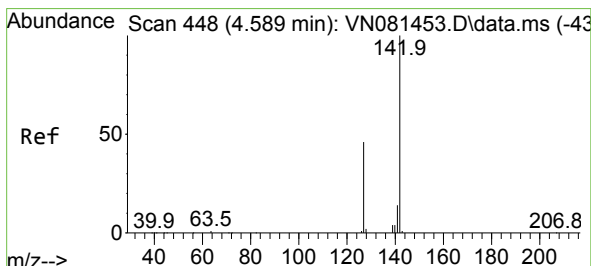
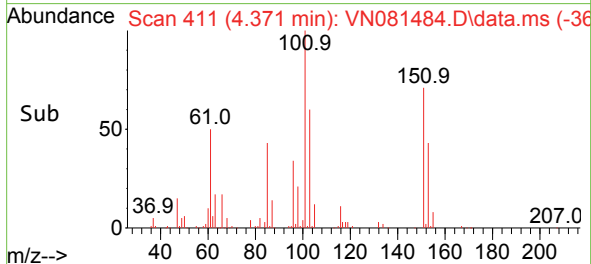
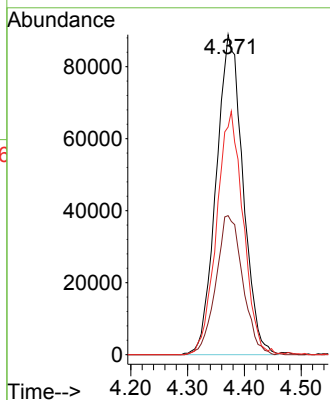
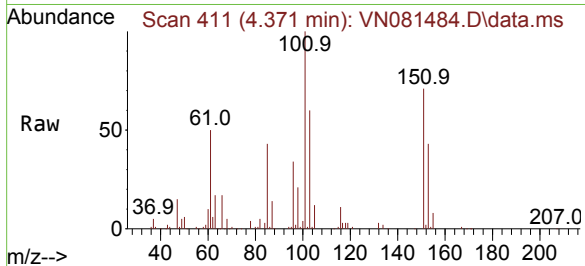




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.876 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

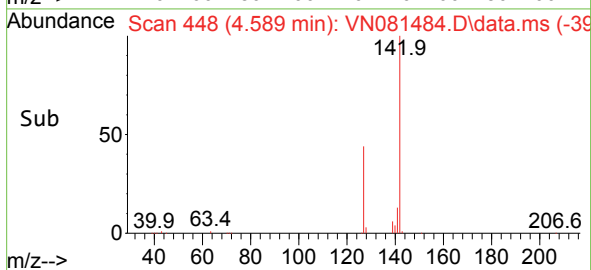
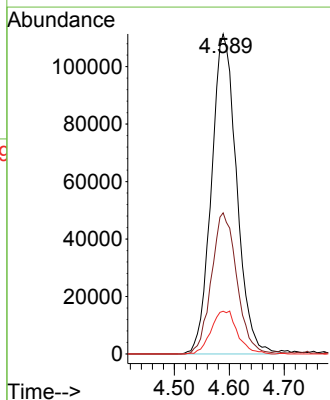
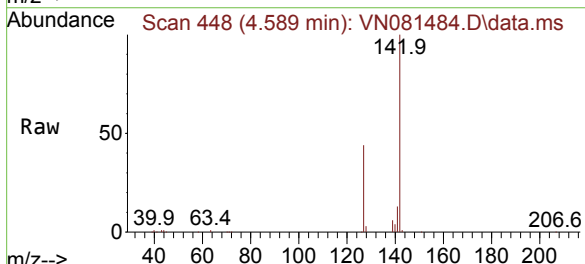
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

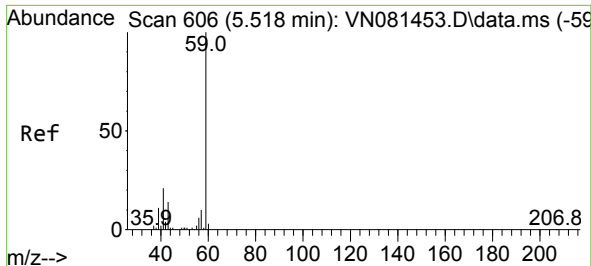
Tgt Ion:101 Resp: 290680
Ion Ratio Lower Upper
101 100
85 43.7 38.1 57.1
151 75.5 49.1 73.7#



#10
Methyl Iodide
Concen: 53.746 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:142 Resp: 354584
Ion Ratio Lower Upper
142 100
127 44.1 37.0 55.4
141 13.4 12.5 18.7

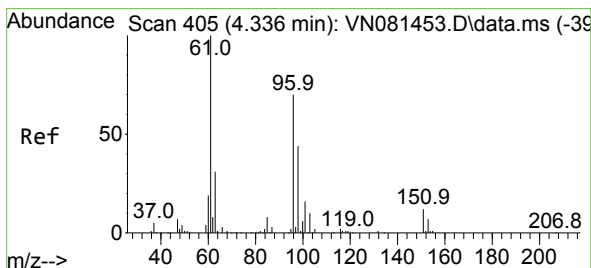
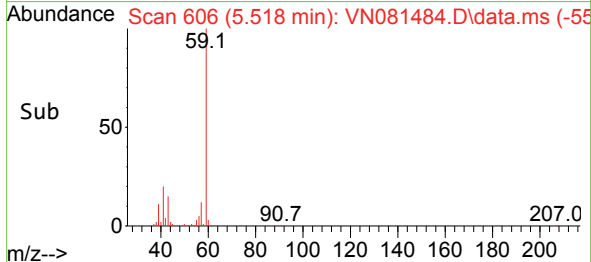
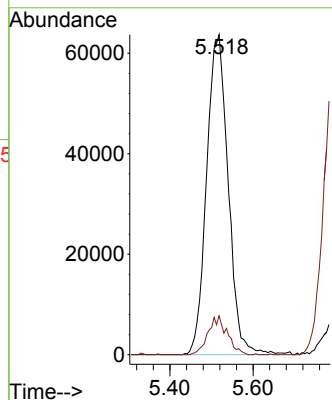
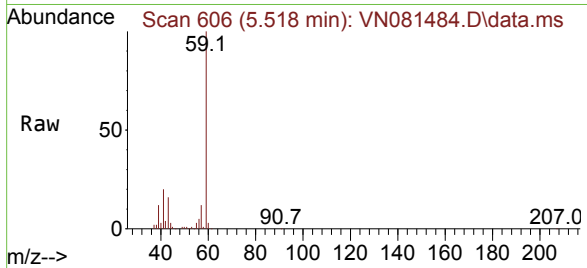




#11
Tert butyl alcohol
Concen: 198.746 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

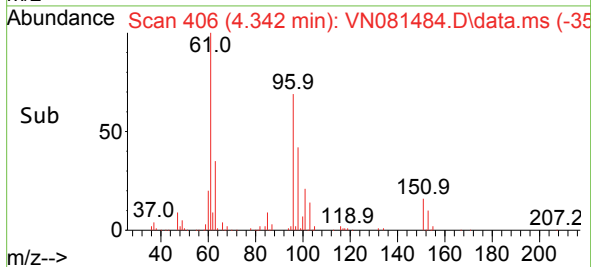
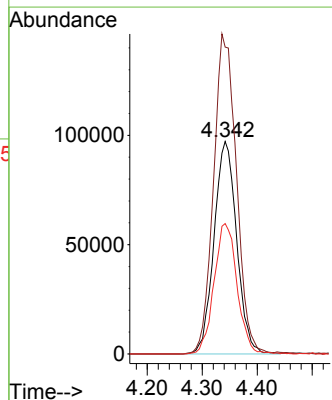
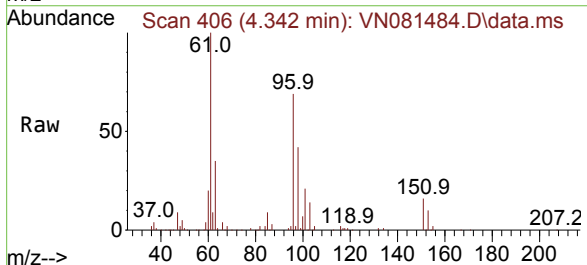
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

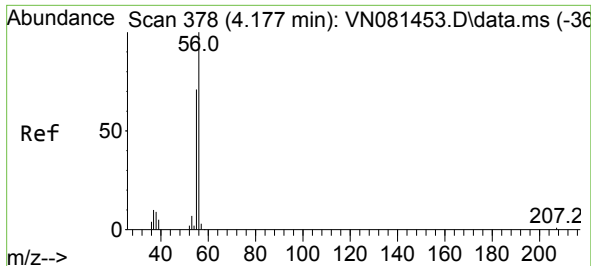
Tgt Ion: 59 Resp: 229669
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 45.359 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 96 Resp: 278349
Ion Ratio Lower Upper
96 100
61 144.4 138.2 207.4
98 61.4 49.2 73.8

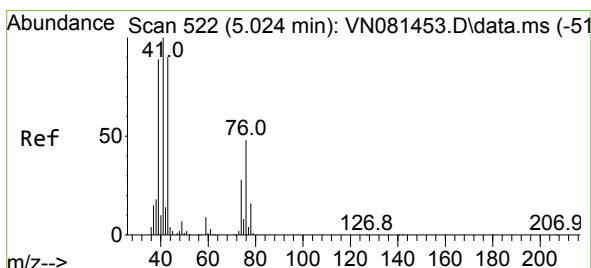
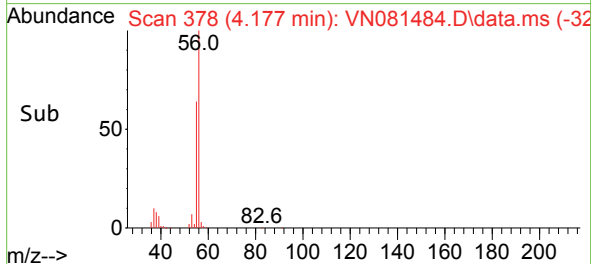
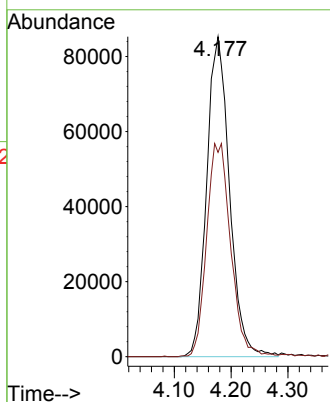
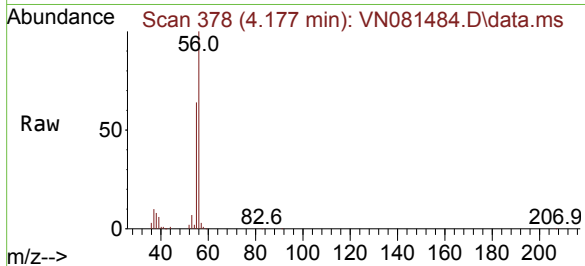




#13
Acrolein
Concen: 229.067 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

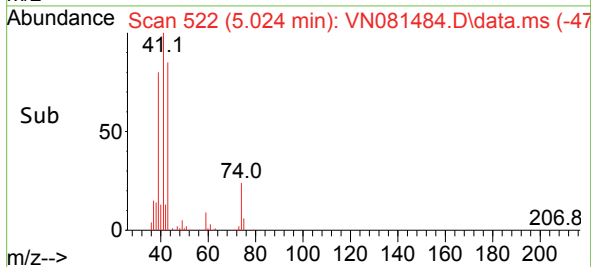
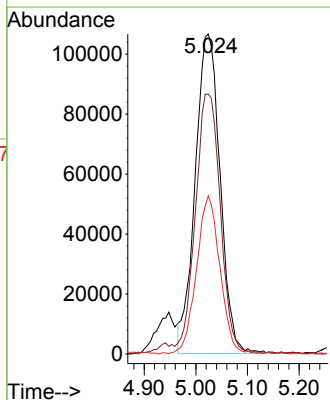
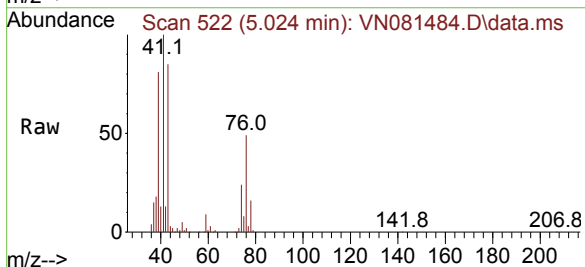
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

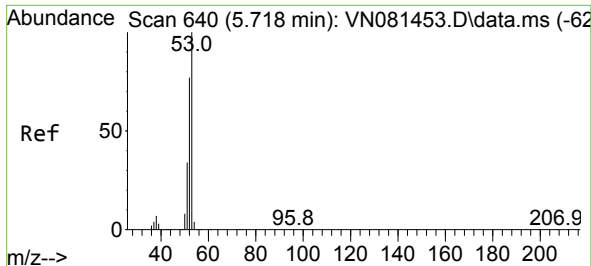
Tgt Ion: 56 Resp: 237529
Ion Ratio Lower Upper
56 100
55 70.2 55.3 82.9



#14
Allyl chloride
Concen: 46.412 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 41 Resp: 356886
Ion Ratio Lower Upper
41 100
39 81.4 57.7 86.5
76 46.7 26.8 40.2#

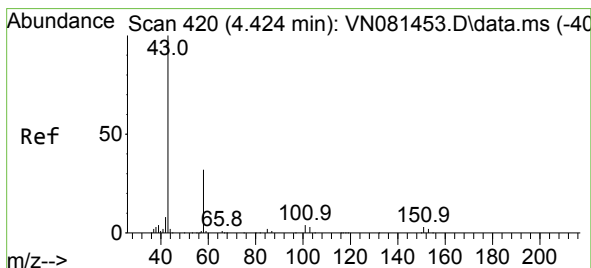
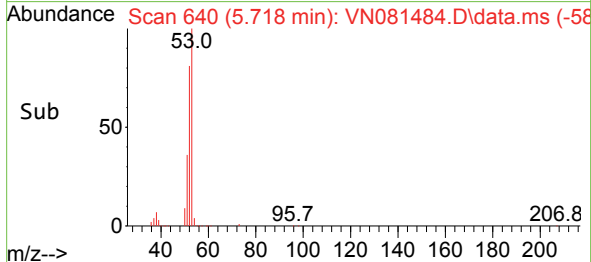
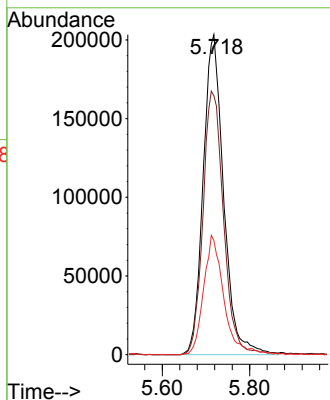
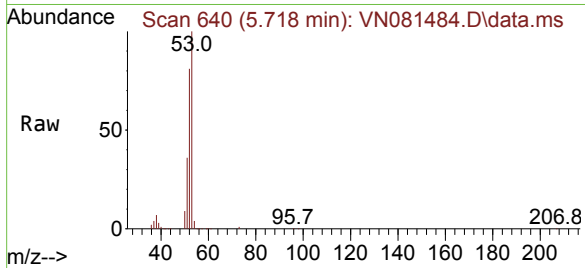




#15
Acrylonitrile
Concen: 214.102 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

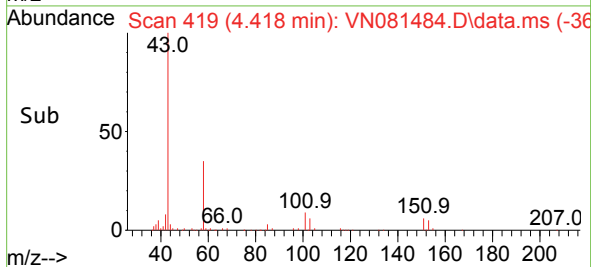
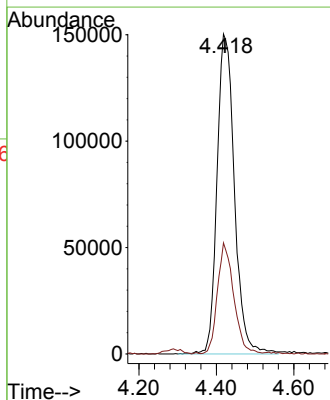
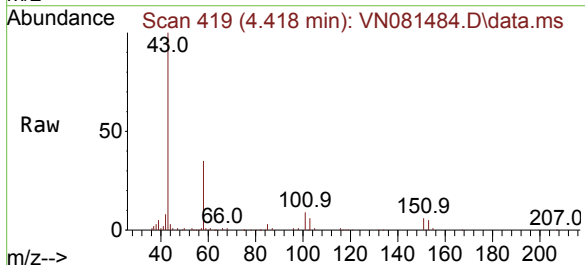
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

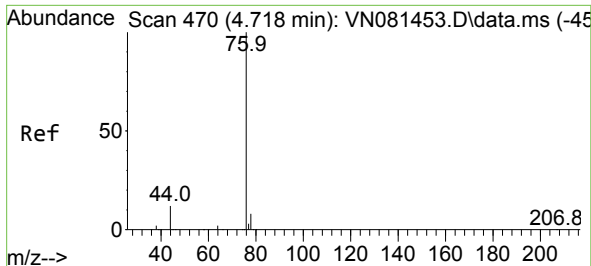
Tgt Ion: 53 Resp: 661895
Ion Ratio Lower Upper
53 100
52 82.9 64.8 97.2
51 37.0 26.9 40.3



#16
Acetone
Concen: 218.732 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 43 Resp: 468746
Ion Ratio Lower Upper
43 100
58 34.2 24.8 37.2

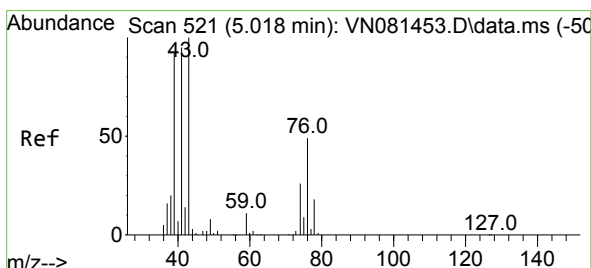
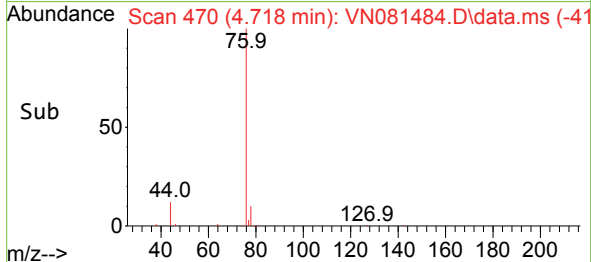
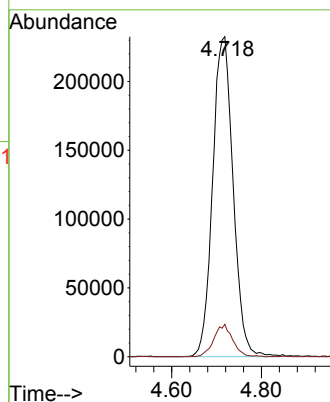
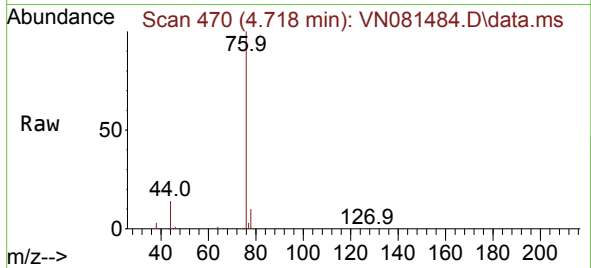




#17
Carbon Disulfide
Concen: 41.944 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

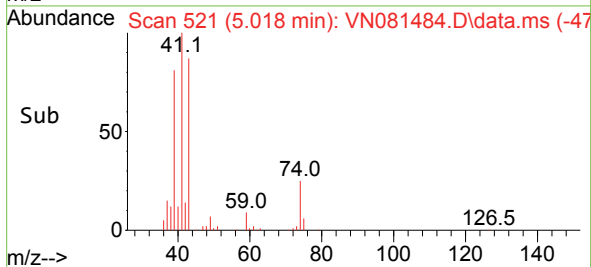
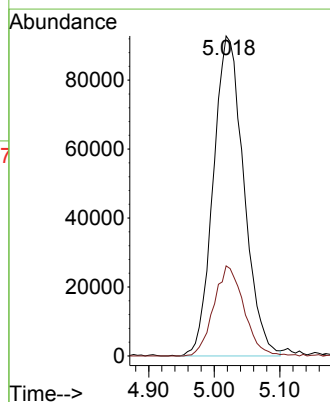
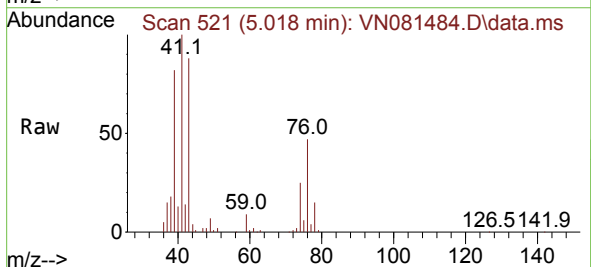
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

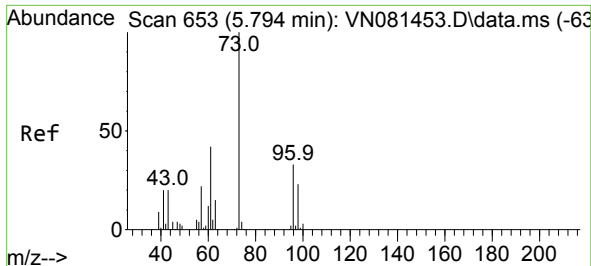
Tgt Ion: 76 Resp: 738633
Ion Ratio Lower Upper
76 100
78 10.1 6.3 9.5#



#18
Methyl Acetate
Concen: 45.411 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 43 Resp: 300023
Ion Ratio Lower Upper
43 100
74 27.8 17.3 25.9#

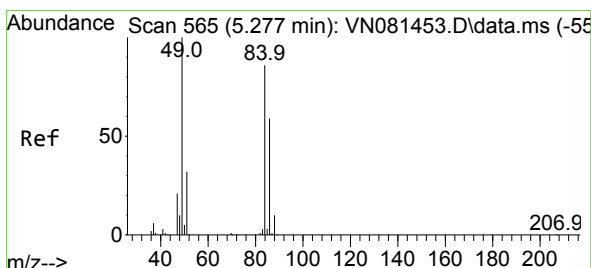
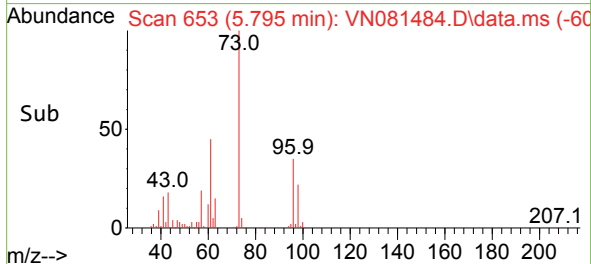
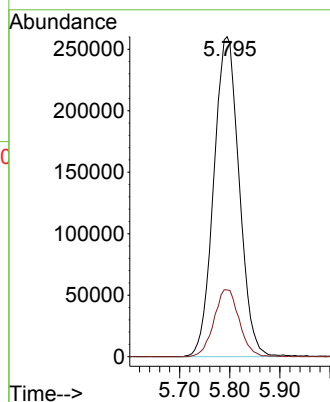
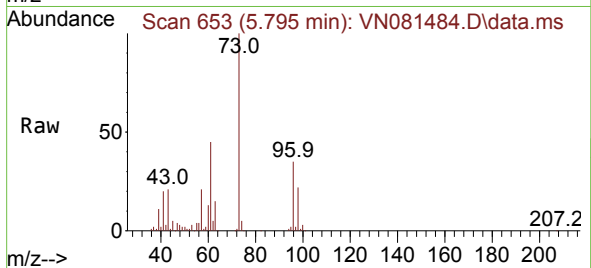




#19
Methyl tert-butyl Ether
Concen: 47.711 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

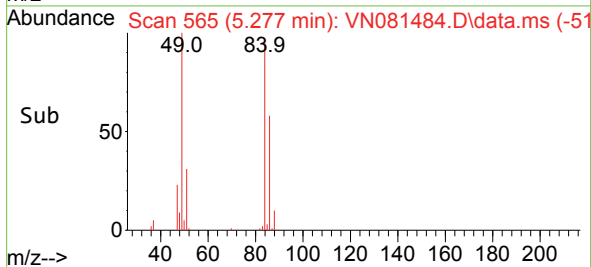
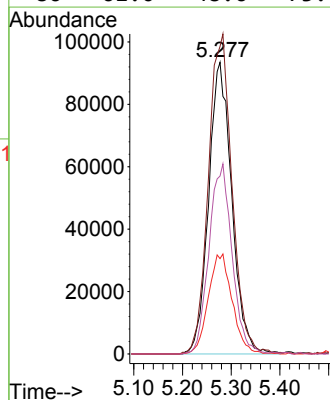
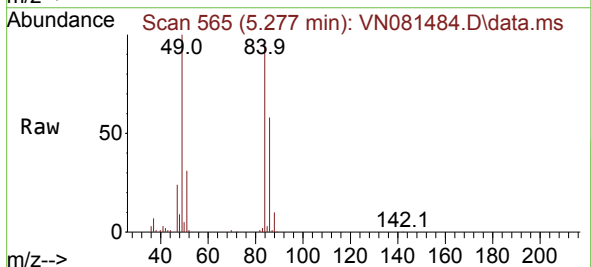
Instrument :
MSVOA_N
ClientSampleId :
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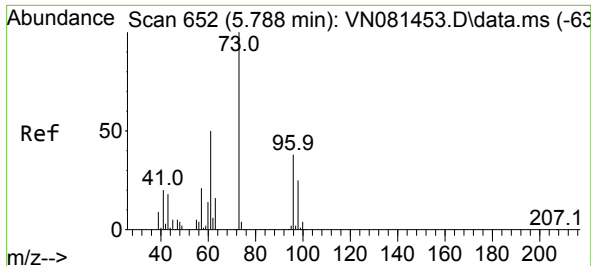
Tgt Ion: 73 Resp: 916296
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 43.957 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 84 Resp: 308573
Ion Ratio Lower Upper
84 100
49 105.4 108.1 162.1#
51 32.7 32.9 49.3#
86 61.0 48.6 73.0

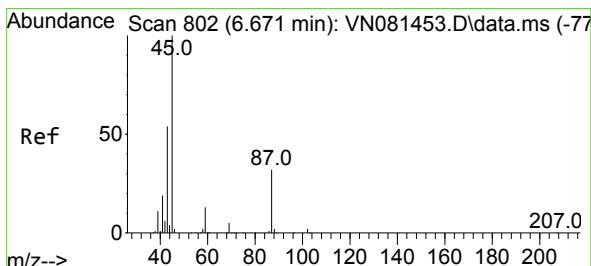
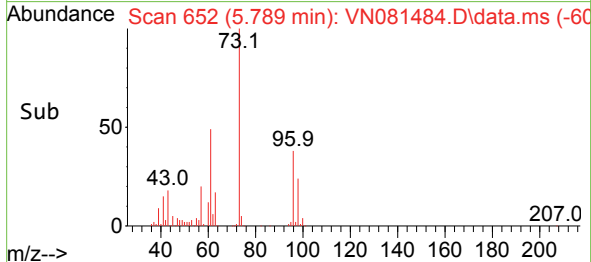
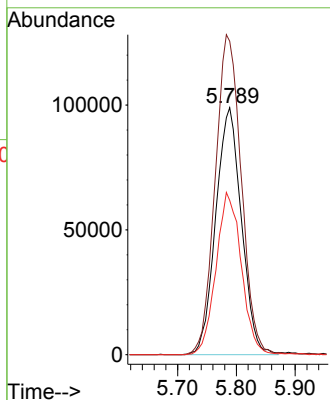
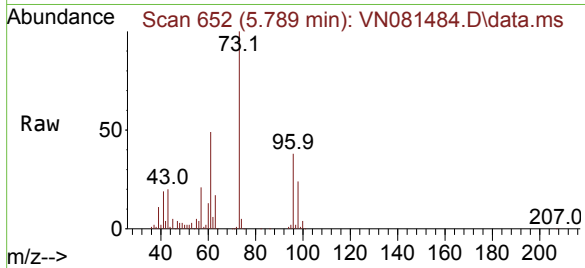




#21
trans-1,2-Dichloroethene
Concen: 43.872 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

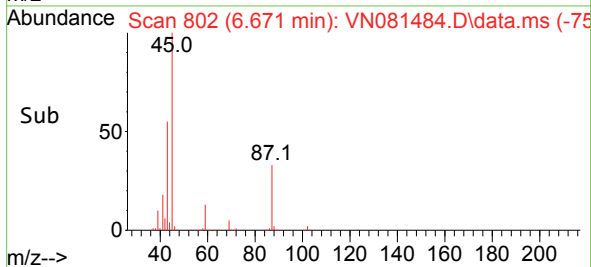
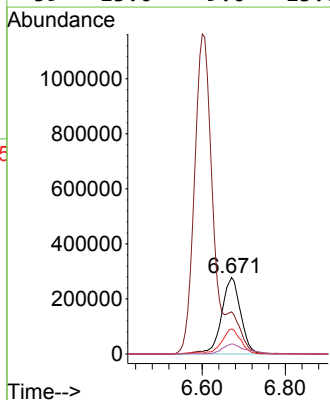
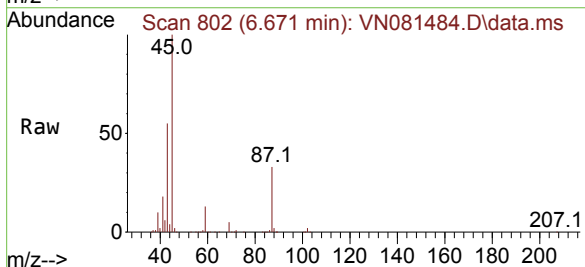
Instrument :
MSVOA_N
ClientSampleId :
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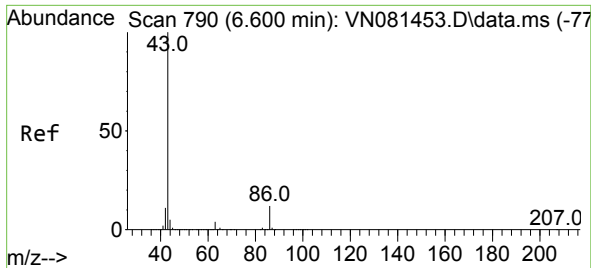
Tgt Ion: 96 Resp: 300183
Ion Ratio Lower Upper
96 100
61 126.9 112.8 169.2
98 62.4 51.0 76.4



#22
Diisopropyl ether
Concen: 49.341 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 45 Resp: 881572
Ion Ratio Lower Upper
45 100
43 54.2 41.8 62.8
87 32.6 18.1 27.1#
59 13.0 9.0 13.6

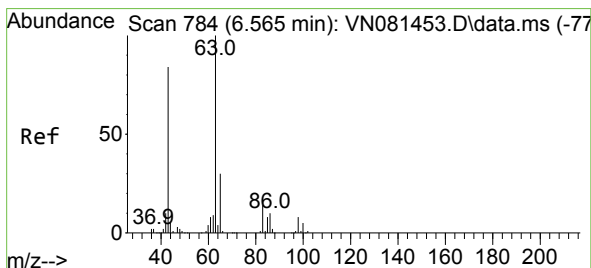
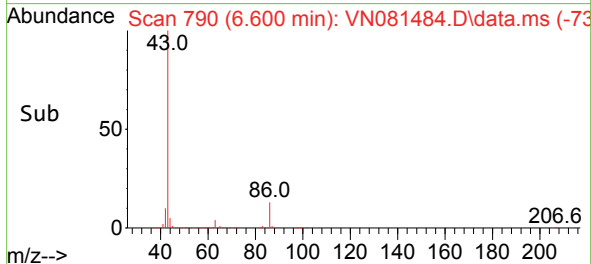
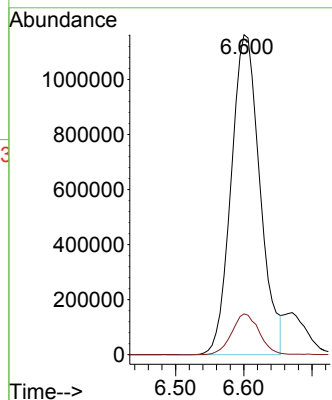
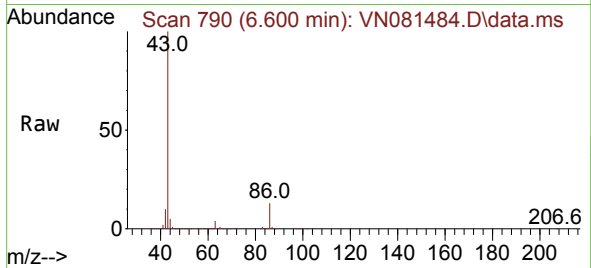




#23
 Vinyl Acetate
 Concen: 239.565 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

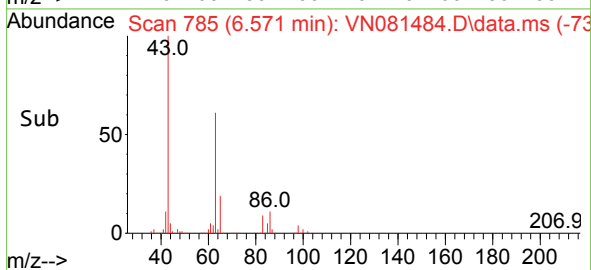
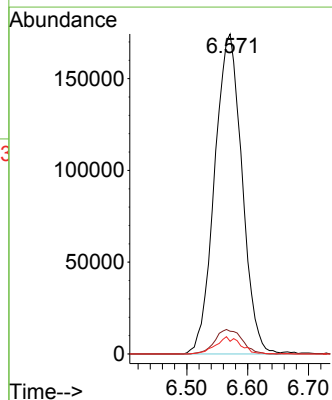
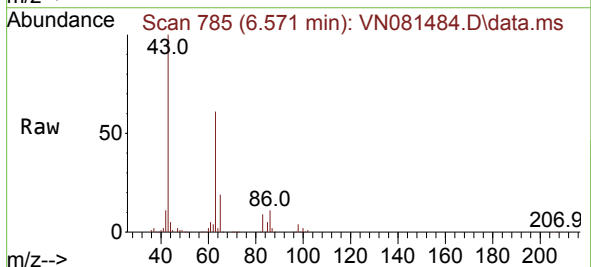
Instrument :
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 VSTDCCC050EC

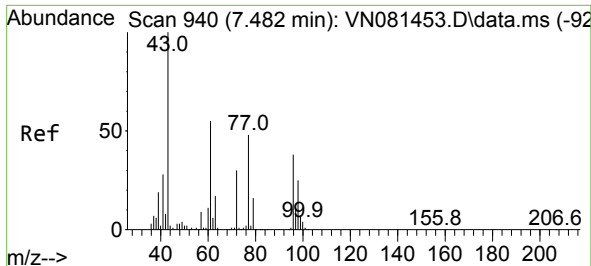
Tgt Ion: 43 Resp: 3406997
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.580 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion: 63 Resp: 545453
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.6
 100 3.9 1.9 5.7

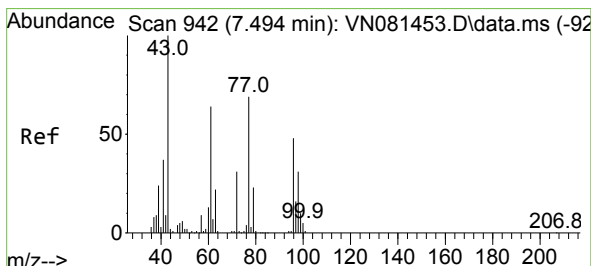
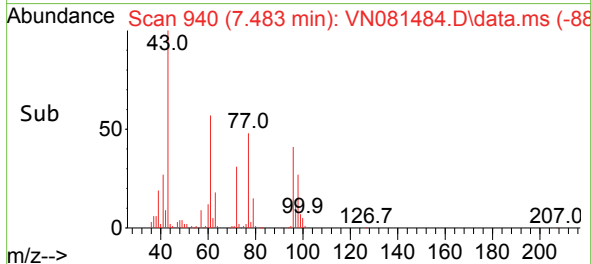
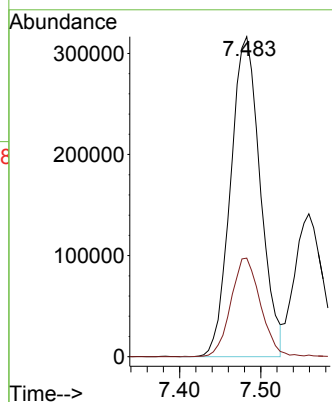
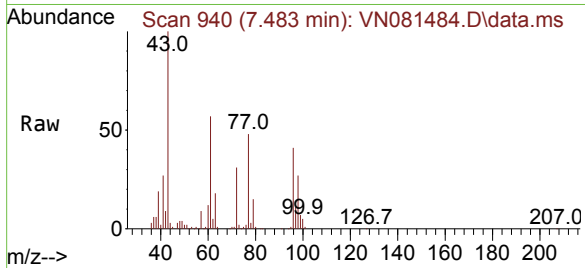




#25
2-Butanone
Concen: 218.979 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

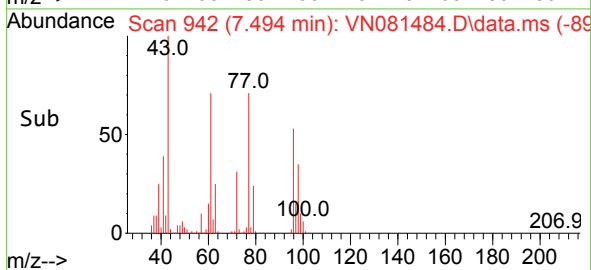
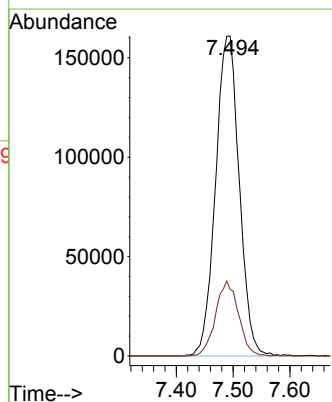
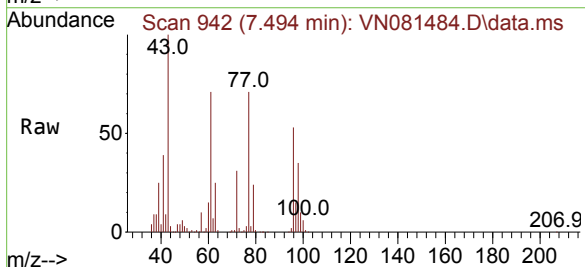
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

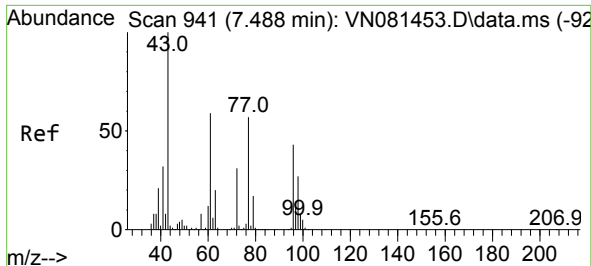
Tgt Ion: 43 Resp: 804904
Ion Ratio Lower Upper
43 100
72 30.8 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 44.854 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 77 Resp: 465555
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

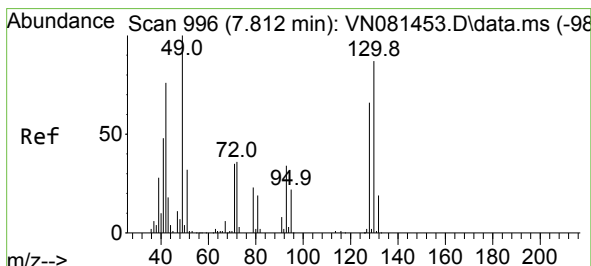
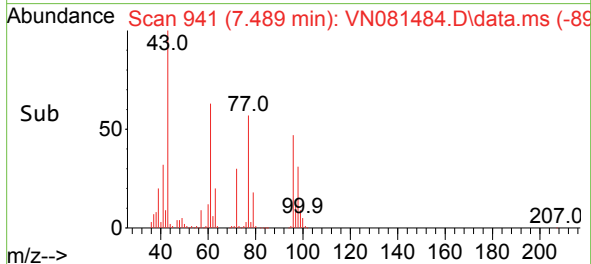
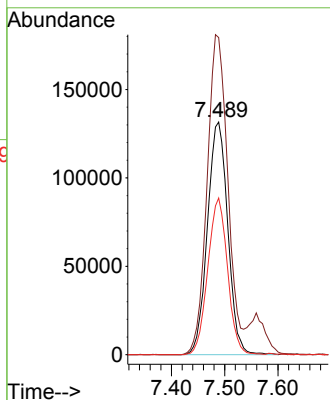
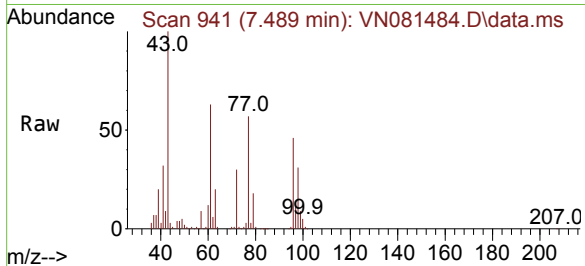




#27
 cis-1,2-Dichloroethene
 Concen: 45.139 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

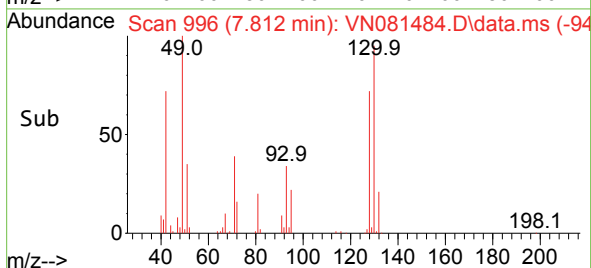
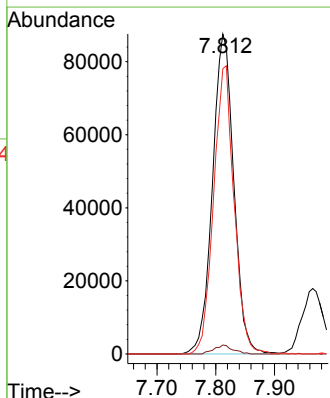
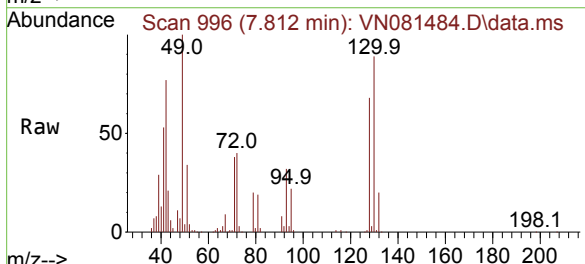
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

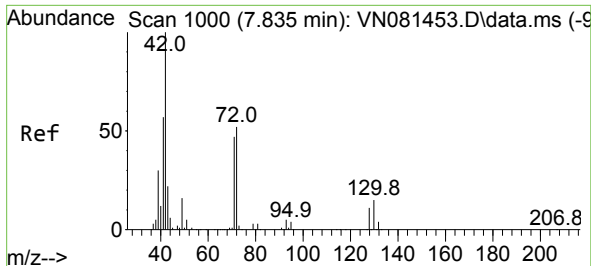
Tgt Ion: 96 Resp: 349450
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 325.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 45.290 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion: 49 Resp: 220753
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 86.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 216.569 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

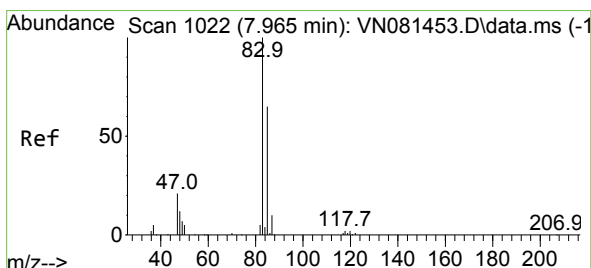
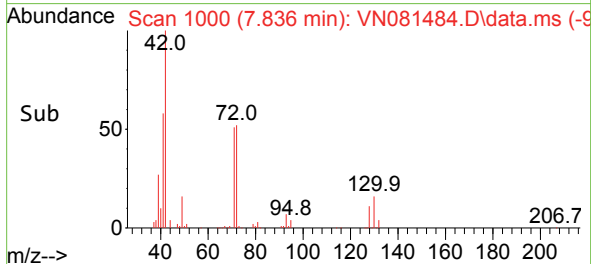
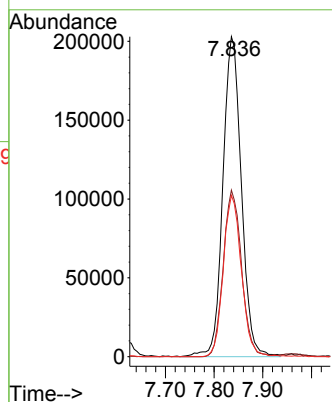
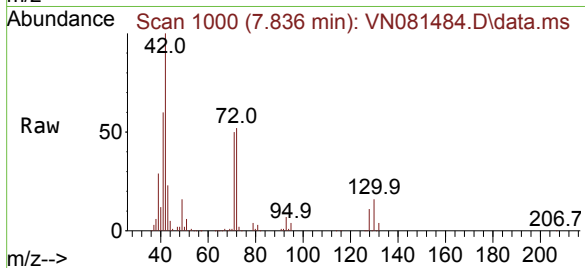
Tgt Ion: 42 Resp: 536269

Ion Ratio Lower Upper

42 100

72 51.5 31.1 46.7#

71 49.6 28.3 42.5#



#30

Chloroform

Concen: 45.241 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081484.D

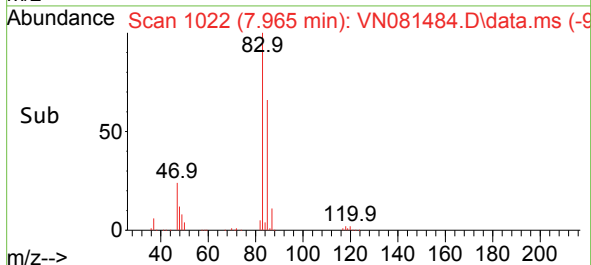
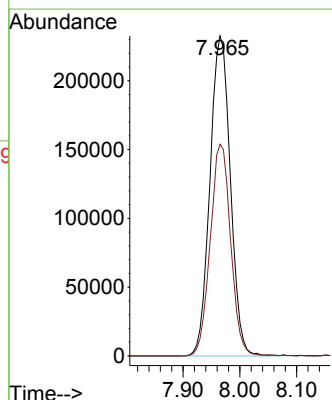
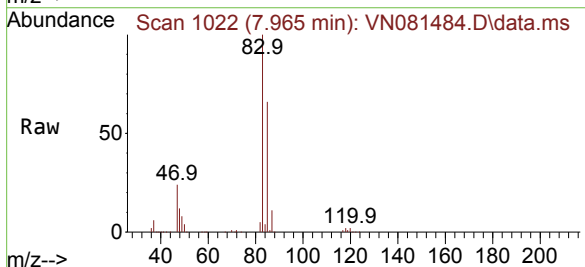
Acq: 19 Mar 2024 20:31

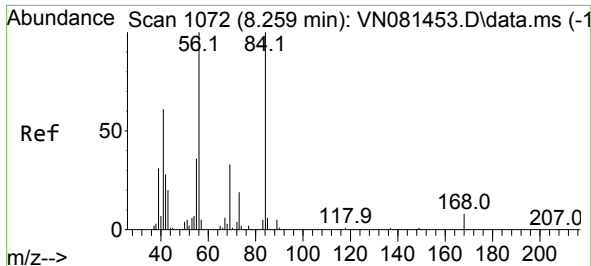
Tgt Ion: 83 Resp: 579573

Ion Ratio Lower Upper

83 100

85 66.2 51.0 76.6

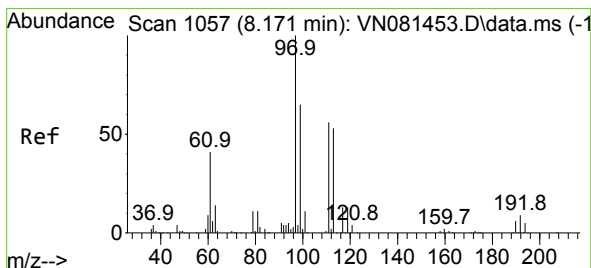
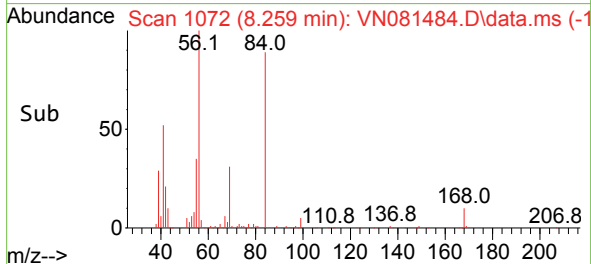
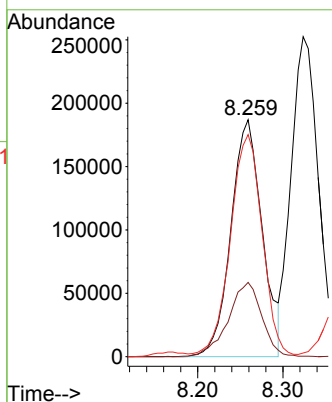
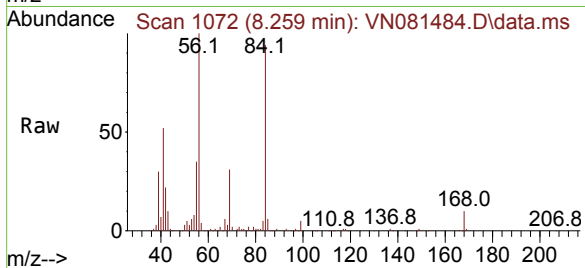




#31
Cyclohexane
Concen: 44.248 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

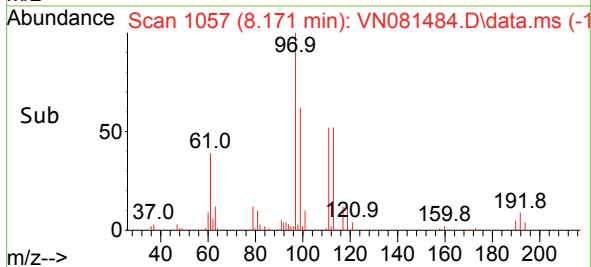
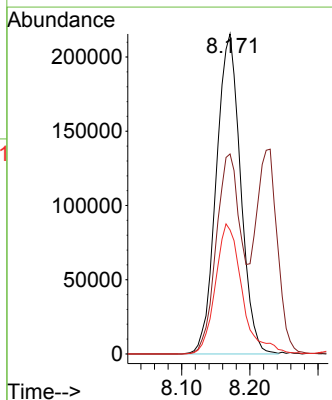
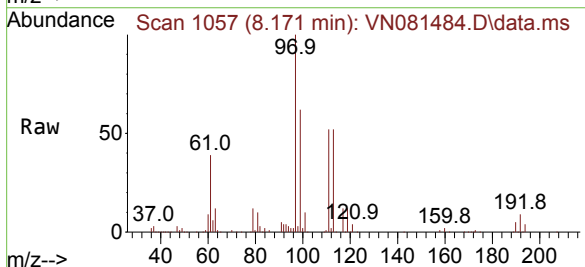
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

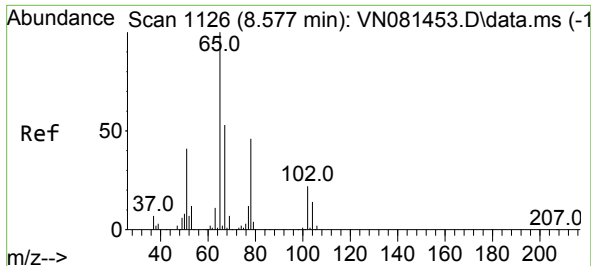
Tgt Ion: 56 Resp: 477462
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1#
84 92.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 46.003 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 97 Resp: 534685
Ion Ratio Lower Upper
97 100
99 62.7 53.4 80.0
61 44.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.836 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

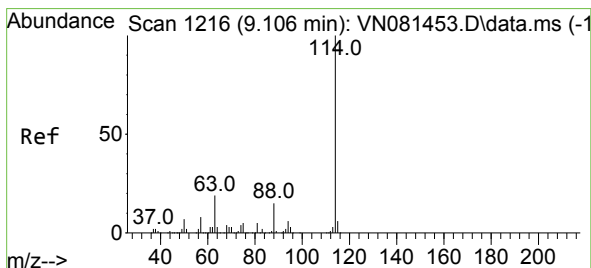
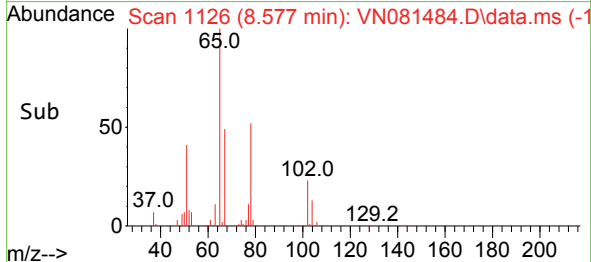
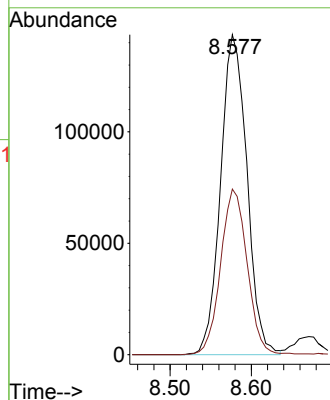
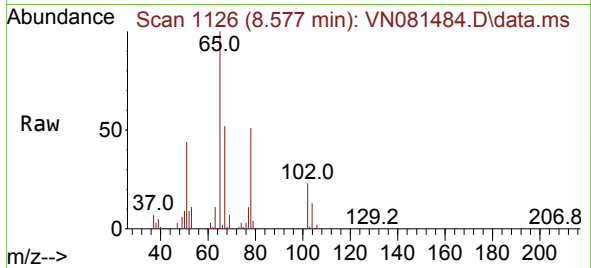
VSTDCCC050EC

Tgt Ion: 65 Resp: 323835

Ion Ratio Lower Upper

65 100

67 52.2 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: VN081484.D

Acq: 19 Mar 2024 20:31

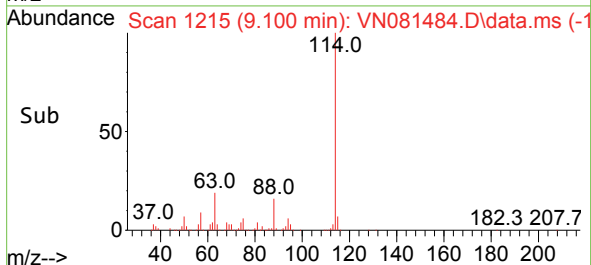
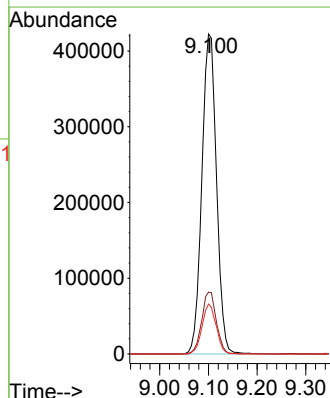
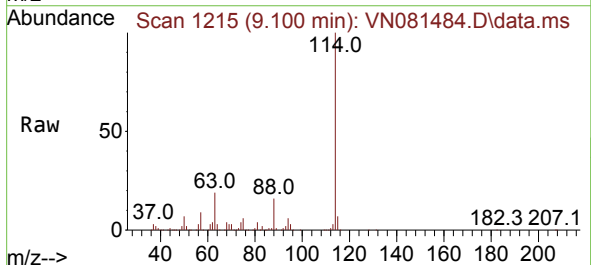
Tgt Ion: 114 Resp: 883755

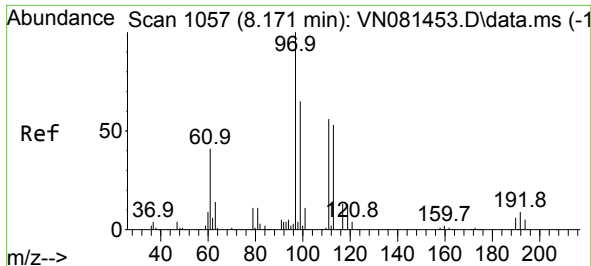
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.6 0.0 34.8

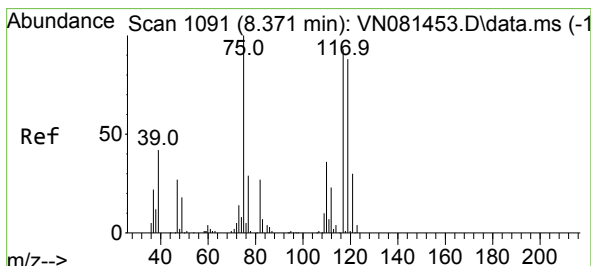
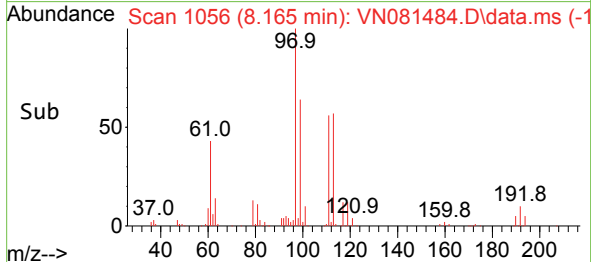
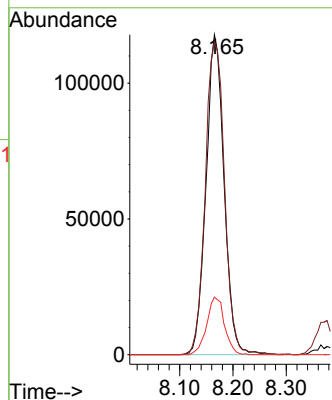
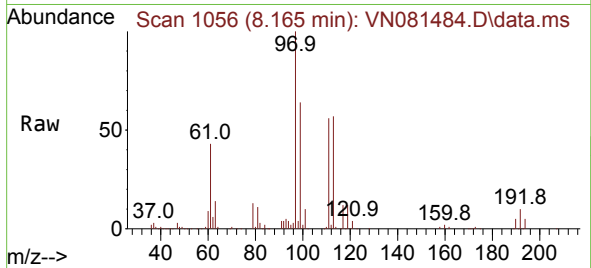




#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

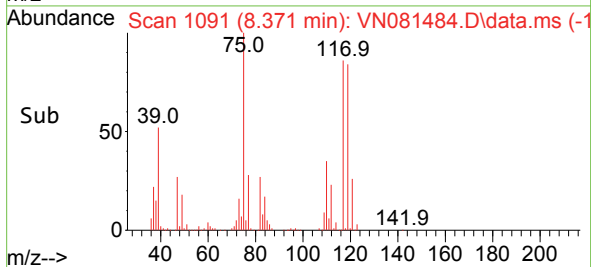
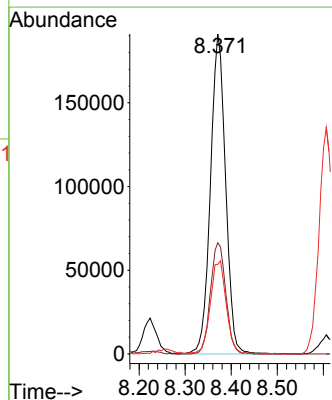
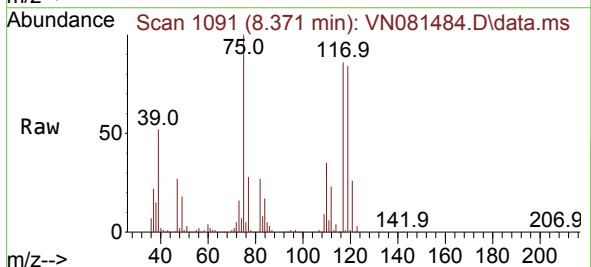
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

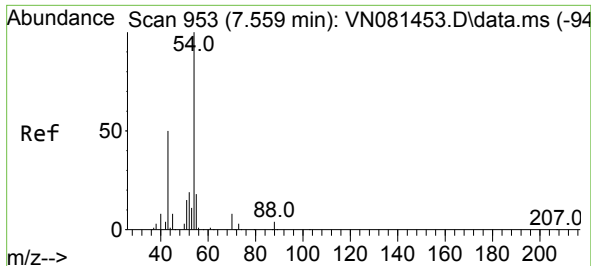
Tgt Ion:113 Resp: 277818
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 46.530 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 75 Resp: 436734
Ion Ratio Lower Upper
75 100
110 35.2 16.0 48.0
77 30.7 25.8 38.6

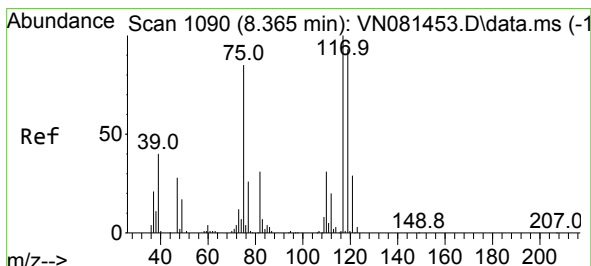
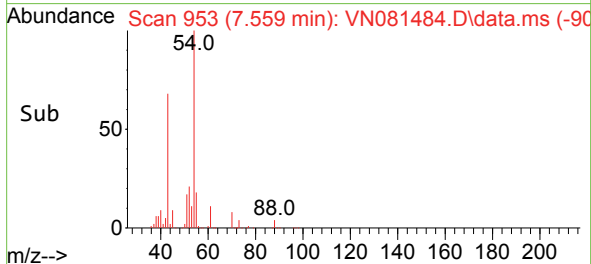
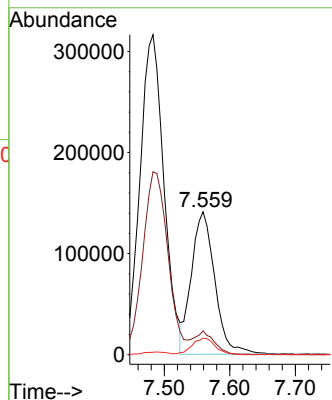
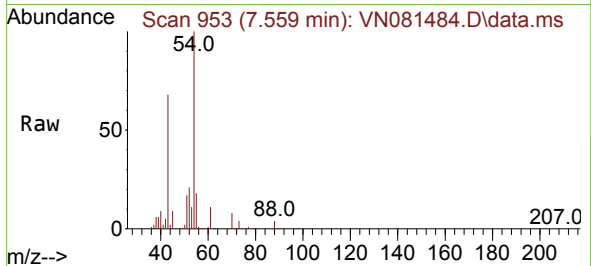




#37
Ethyl Acetate
Concen: 43.689 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

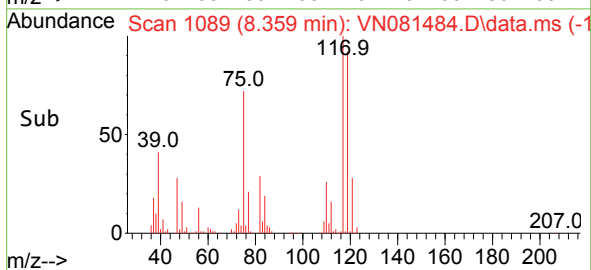
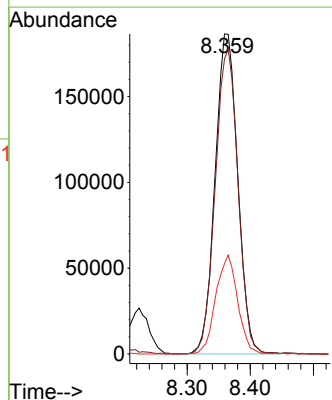
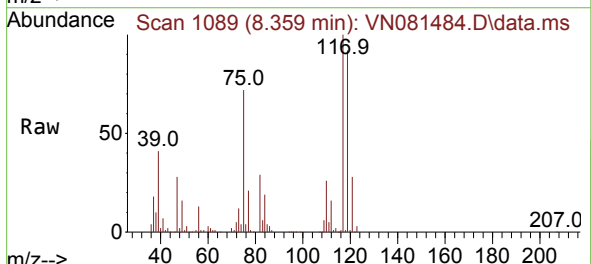
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

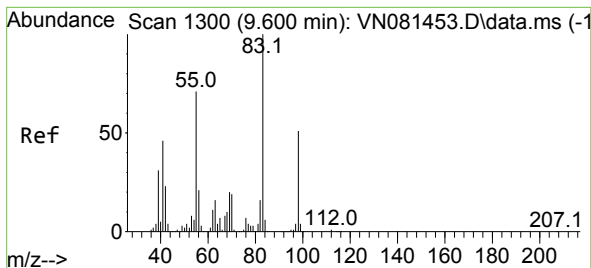
Tgt Ion: 43 Resp: 351143
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 11.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 45.261 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 117 Resp: 465378
Ion Ratio Lower Upper
117 100
119 92.1 73.4 110.2
121 28.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.480 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

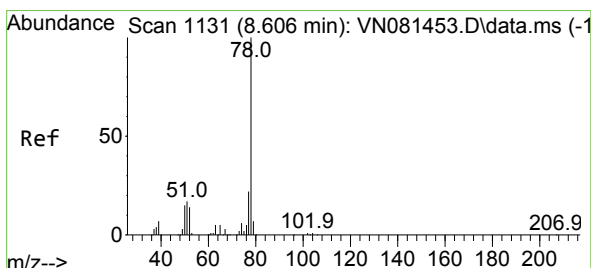
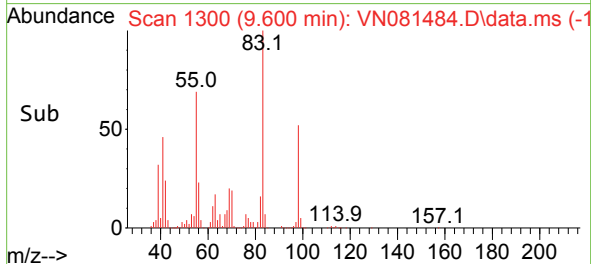
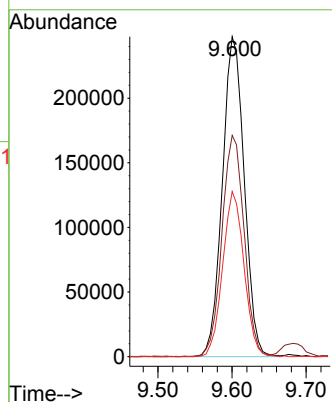
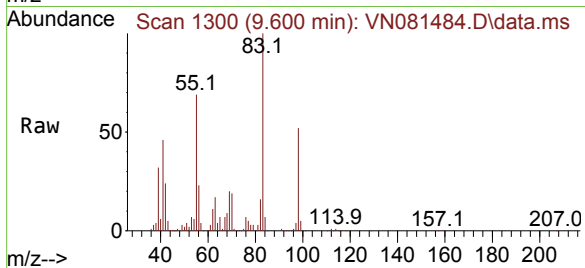
Tgt Ion: 83 Resp: 508162

Ion Ratio Lower Upper

83 100

55 69.1 65.7 98.5

98 51.6 33.8 50.6#



#40

Benzene

Concen: 46.150 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081484.D

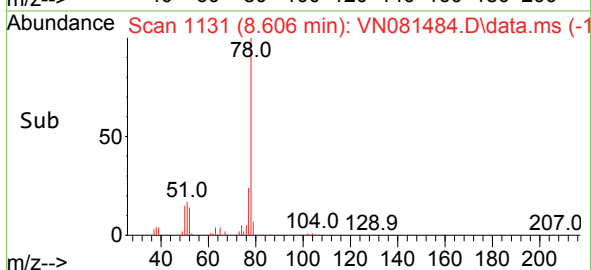
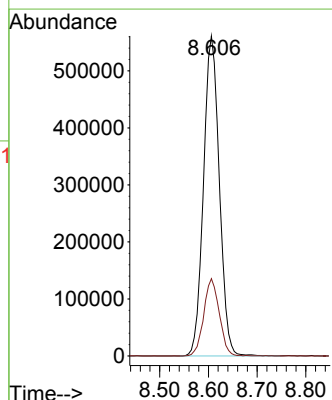
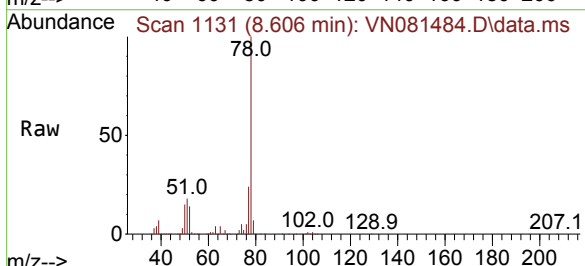
Acq: 19 Mar 2024 20:31

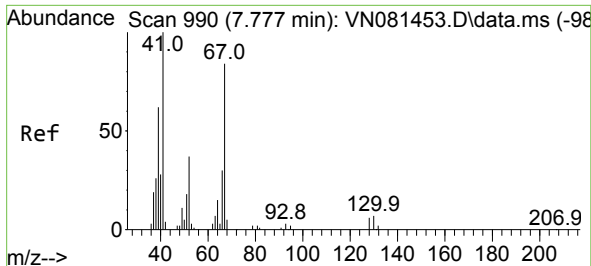
Tgt Ion: 78 Resp: 1266386

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6



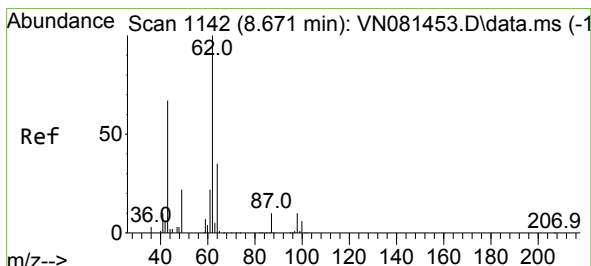
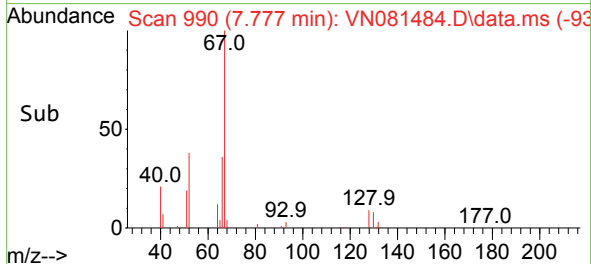
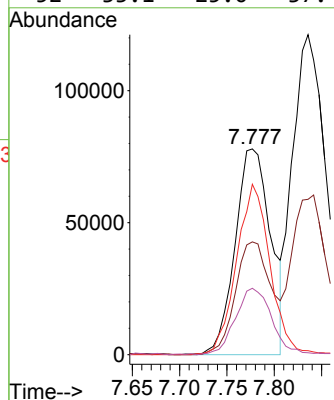
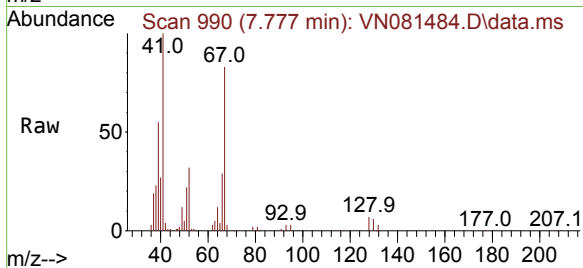


#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 203986

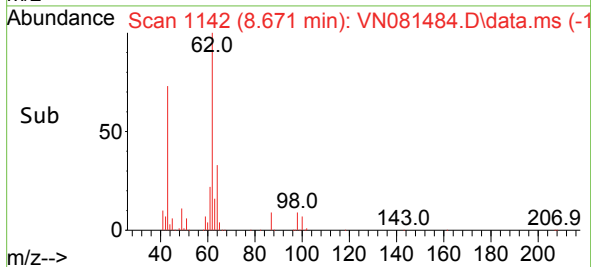
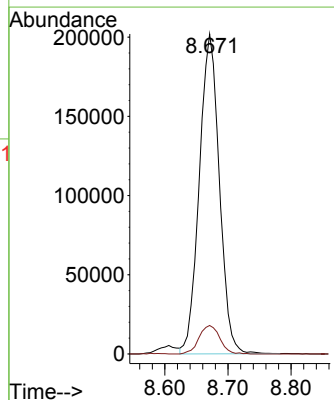
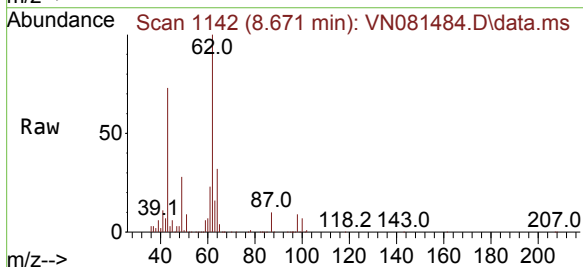
Ion	Ratio	Lower	Upper
41	100		
39	55.1	48.4	72.6
67	78.3	56.8	85.2
52	33.1	25.0	37.4

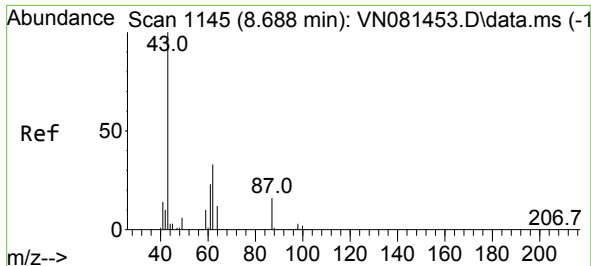


#42
1,2-Dichloroethane
Concen: 46.144 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 62 Resp: 445619

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

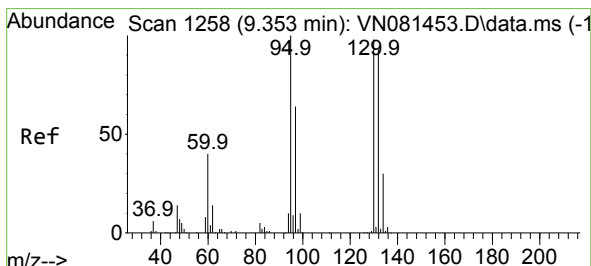
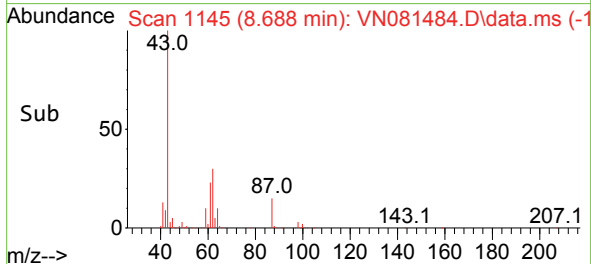
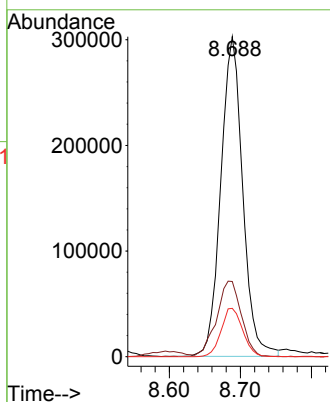
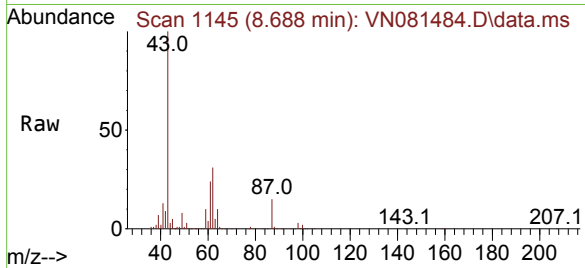




#43
Isopropyl Acetate
Concen: 48.658 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

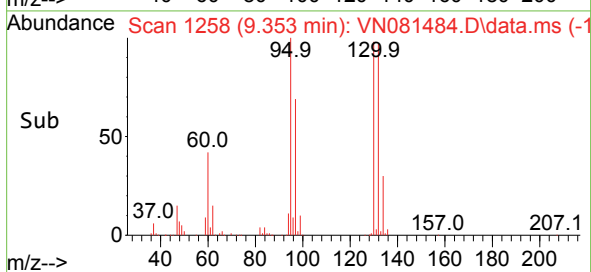
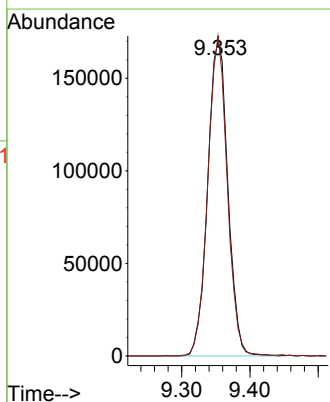
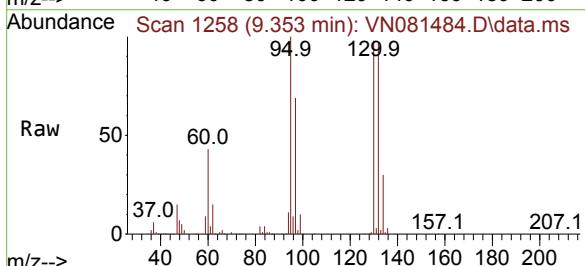
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

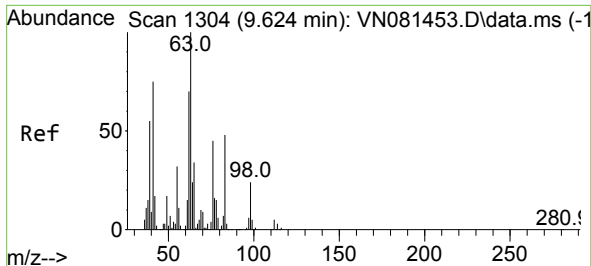
Tgt Ion: 43 Resp: 648255
Ion Ratio Lower Upper
43 100
61 26.7 19.9 29.9
87 14.9 9.0 13.6#



#44
Trichloroethene
Concen: 45.500 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:130 Resp: 351161
Ion Ratio Lower Upper
130 100
95 101.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.144 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

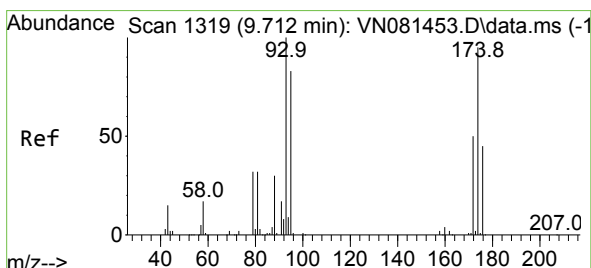
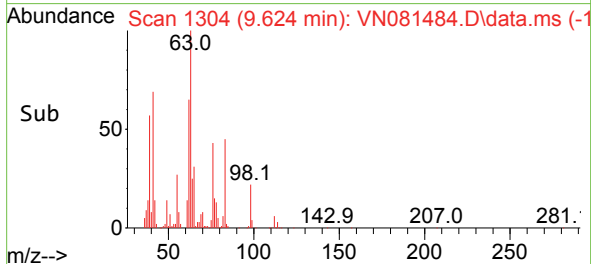
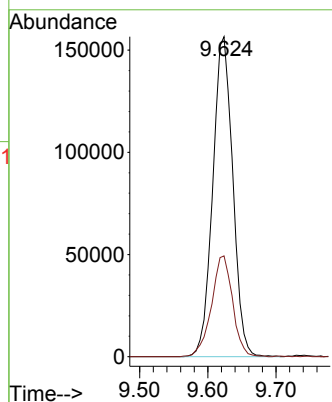
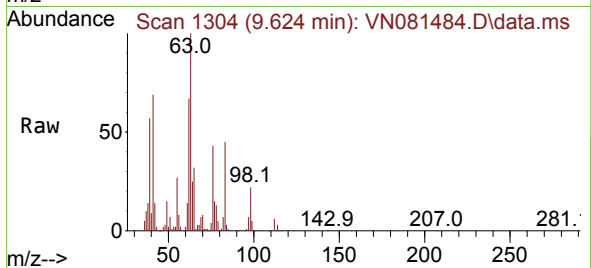
VSTDCCC050EC

Tgt Ion: 63 Resp: 320174

Ion Ratio Lower Upper

63 100

65 31.5 26.1 39.1



#46

Dibromomethane

Concen: 45.168 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

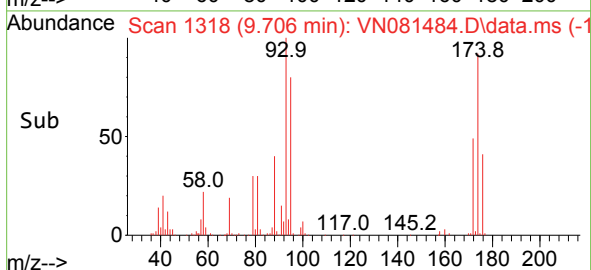
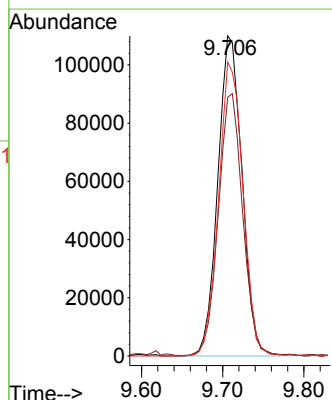
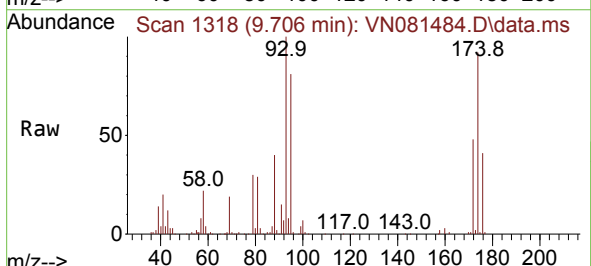
Tgt Ion: 93 Resp: 228119

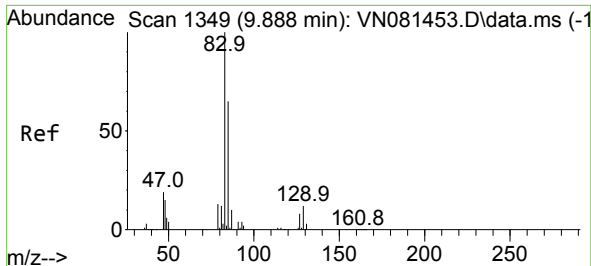
Ion Ratio Lower Upper

93 100

95 81.8 68.1 102.1

174 92.9 57.2 85.8

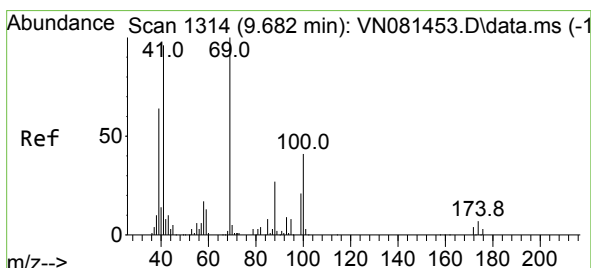
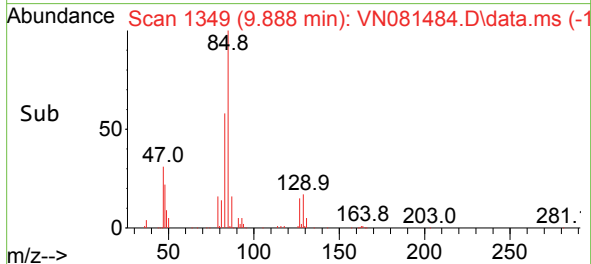
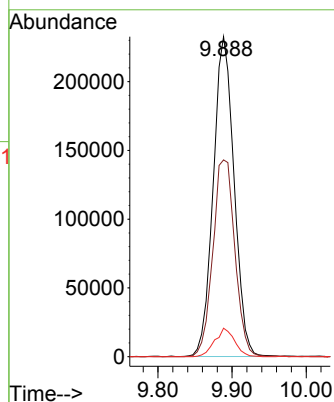
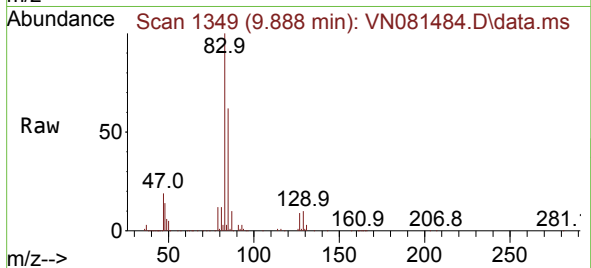




#47
Bromodichloromethane
Concen: 45.911 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

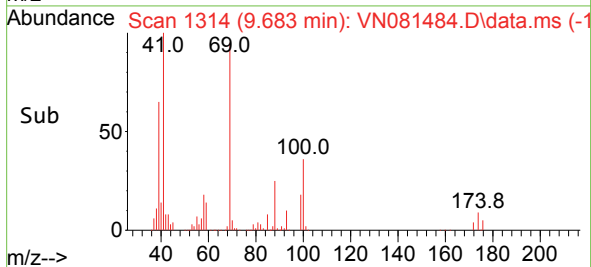
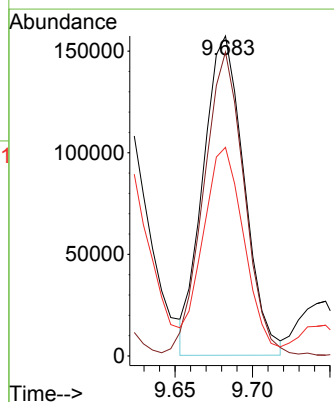
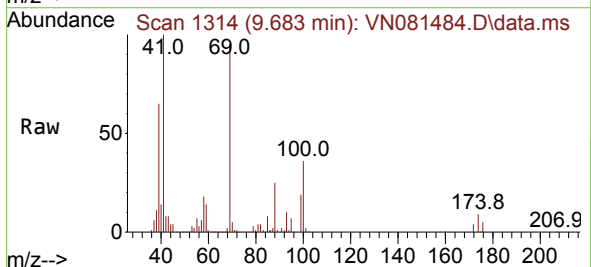
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

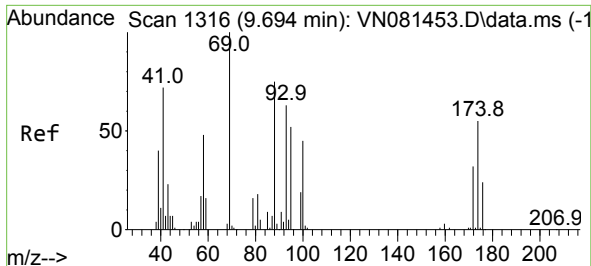
Tgt Ion: 83 Resp: 453349
Ion Ratio Lower Upper
83 100
85 61.6 52.3 78.5
127 8.9 4.6 7.0#



#48
Methyl methacrylate
Concen: 47.105 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 41 Resp: 289461
Ion Ratio Lower Upper
41 100
69 94.5 62.2 93.2#
39 65.9 47.6 71.4





#49

1,4-Dioxane

Concen: 823.448 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

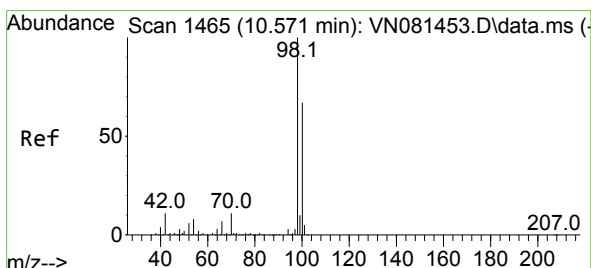
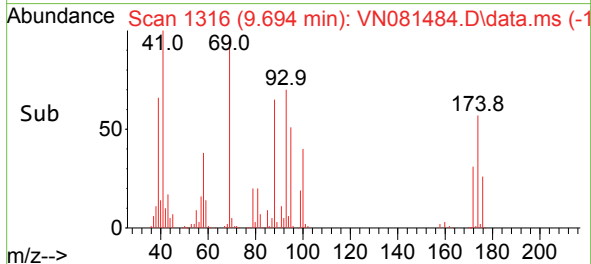
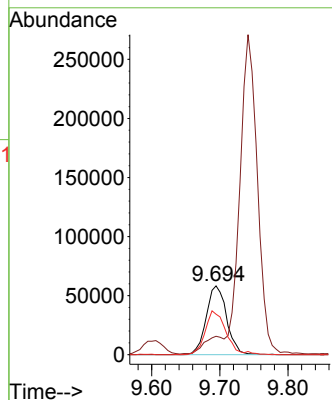
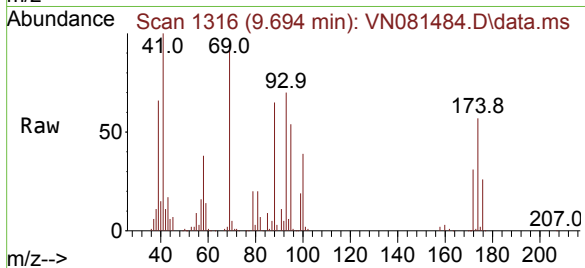
Tgt Ion: 88 Resp: 121601

Ion Ratio Lower Upper

88 100

43 25.4 30.1 45.1#

58 65.3 63.9 95.9



#50

Toluene-d8

Concen: 49.700 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081484.D

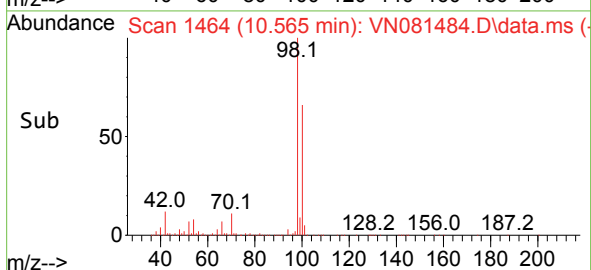
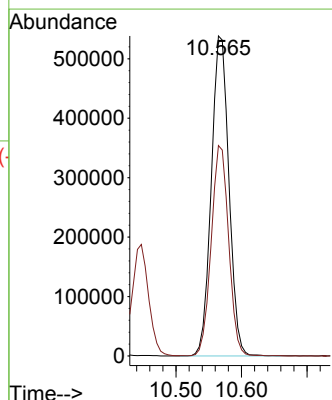
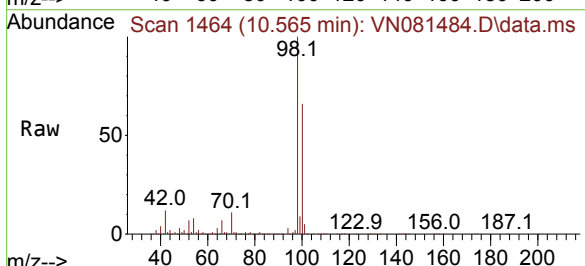
Acq: 19 Mar 2024 20:31

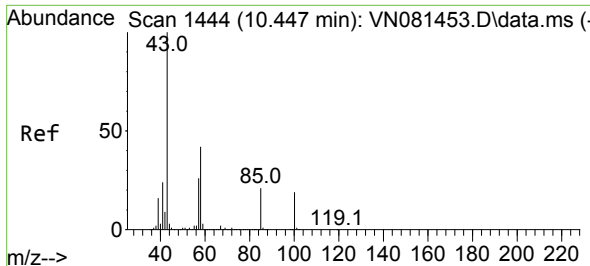
Tgt Ion: 98 Resp: 1002038

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

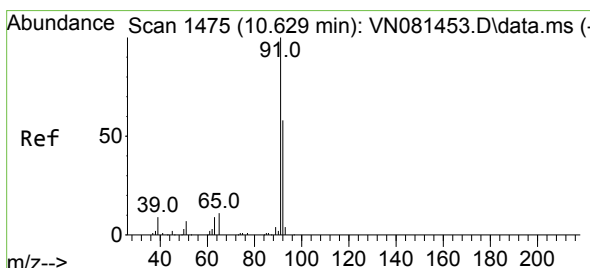
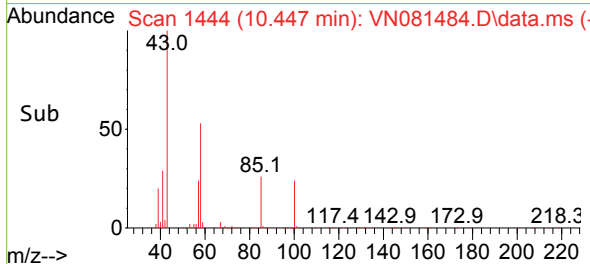
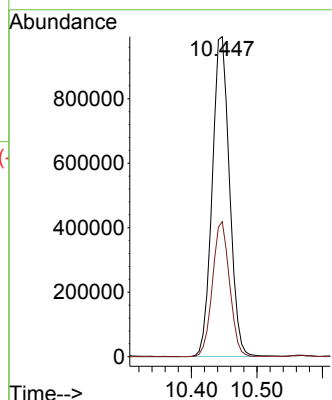
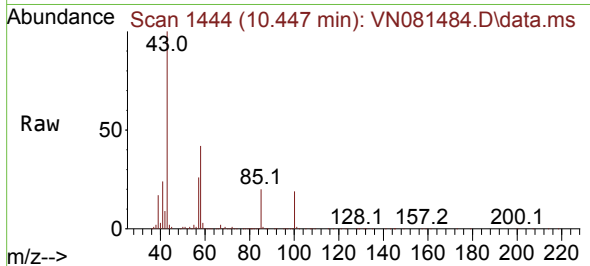




#51
4-Methyl-2-Pentanone
Concen: 223.120 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

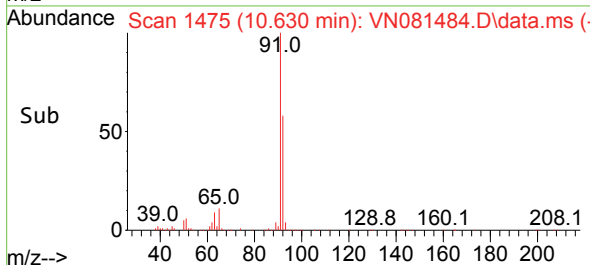
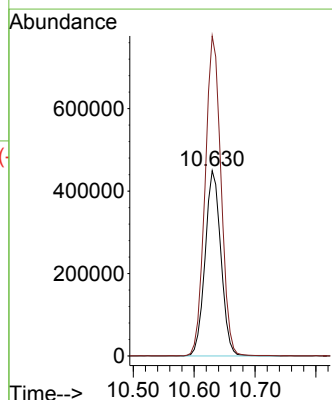
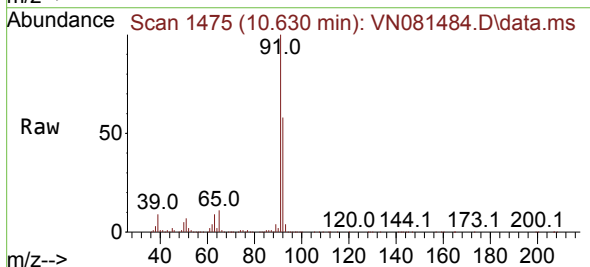
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

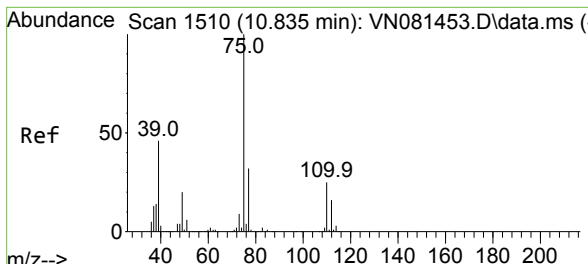
Tgt Ion: 43 Resp: 1813840
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0



#52
Toluene
Concen: 46.424 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 92 Resp: 809687
Ion Ratio Lower Upper
92 100
91 173.8 139.4 209.0

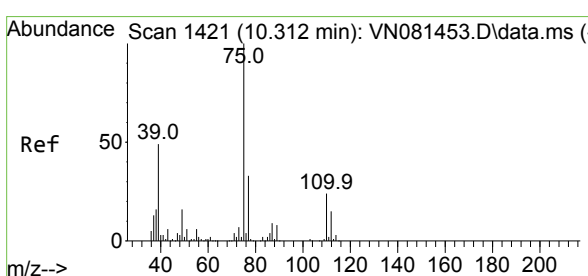
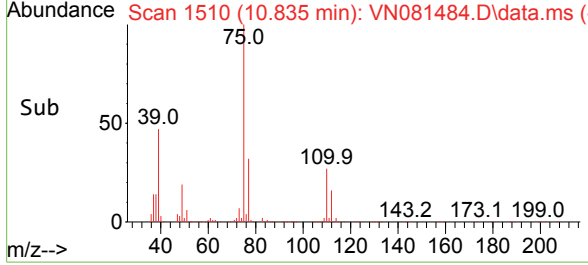
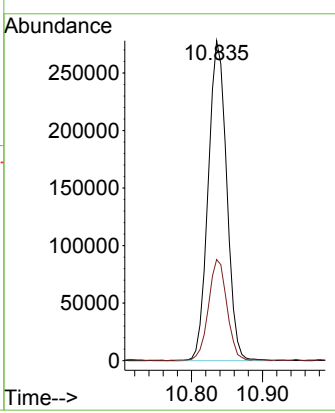
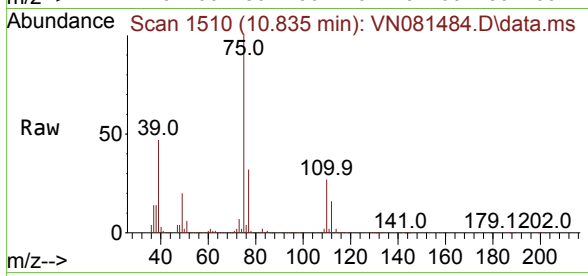




#53
 t-1,3-Dichloropropene
 Concen: 46.972 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

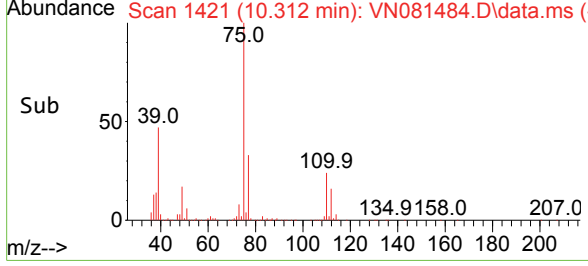
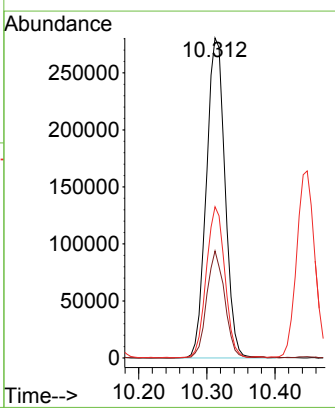
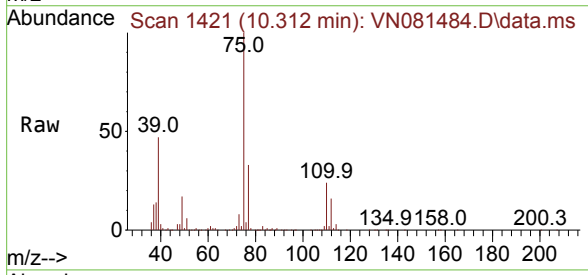
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

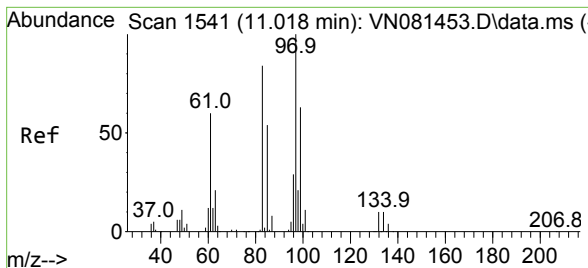
Tgt Ion:	75	Resp:	500838
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.5	38.3



#54
 cis-1,3-Dichloropropene
 Concen: 46.853 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion:	75	Resp:	535622
Ion Ratio	Lower	Upper	
75	100		
77	33.4	23.3	34.9
39	47.1	44.6	66.8



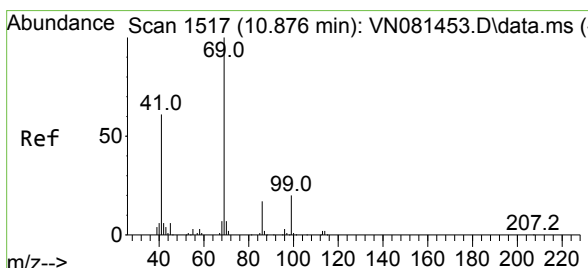
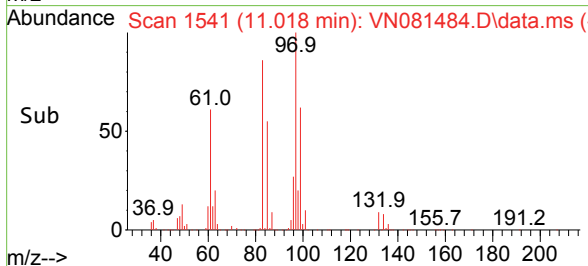
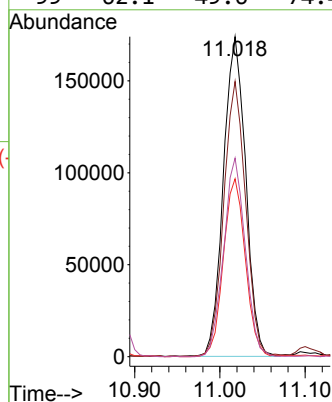
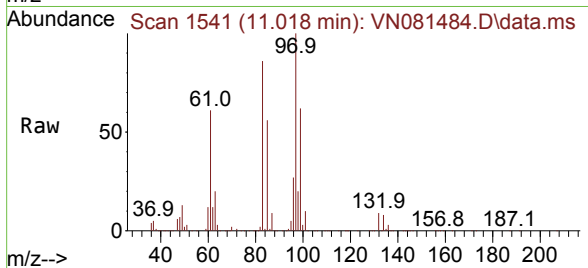


#55
1,1,2-Trichloroethane
Concen: 45.029 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 316063

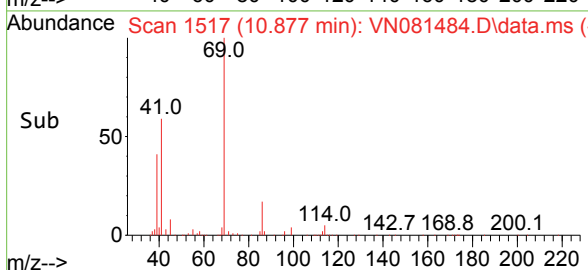
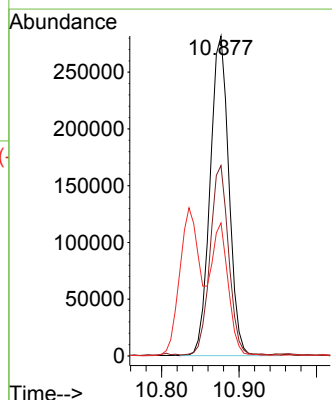
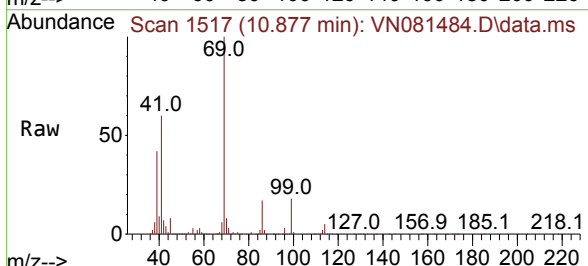
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.9	109.3
85	55.6	50.2	75.2
99	62.1	49.6	74.4

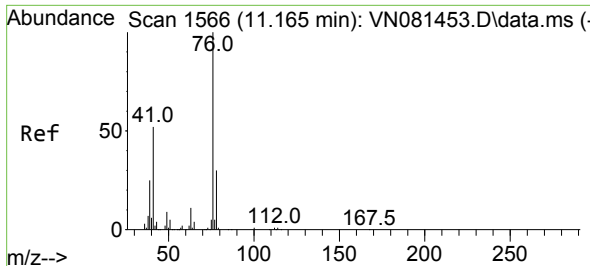


#56
Ethyl methacrylate
Concen: 45.787 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 69 Resp: 473807

Ion	Ratio	Lower	Upper
69	100		
41	58.6	61.0	91.6#
39	35.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 46.982 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

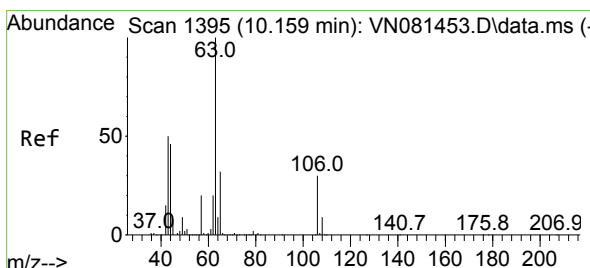
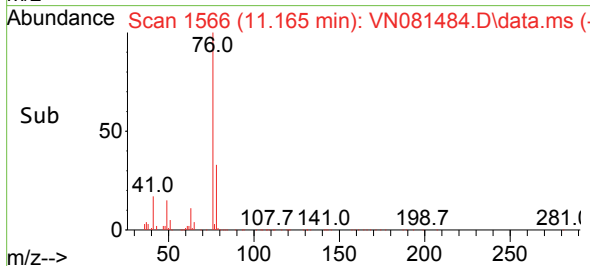
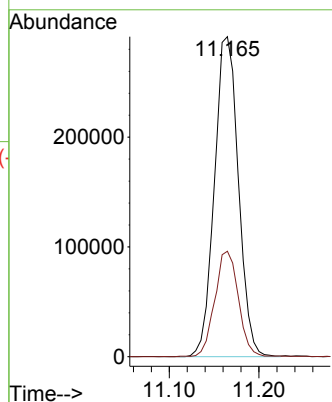
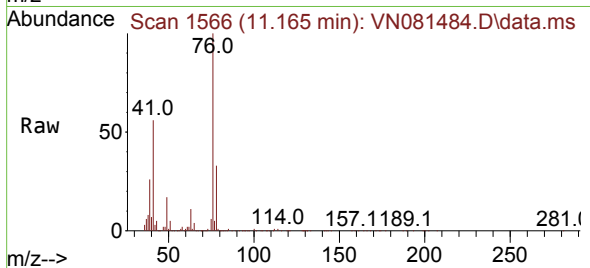
VSTDCCC050EC

Tgt Ion: 76 Resp: 540603

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 275.393 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081484.D

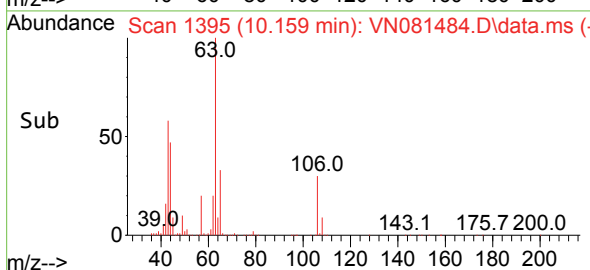
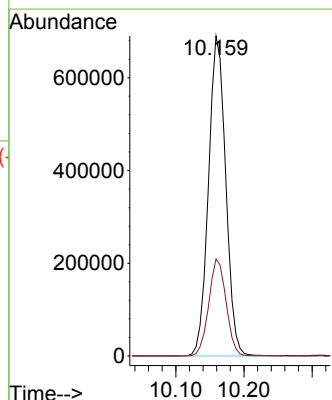
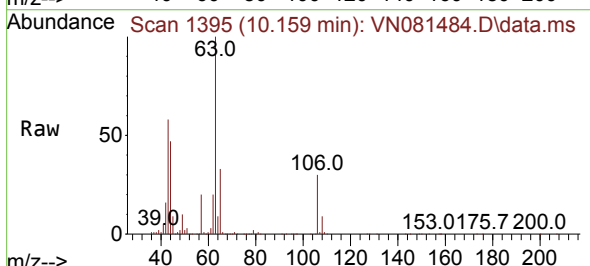
Acq: 19 Mar 2024 20:31

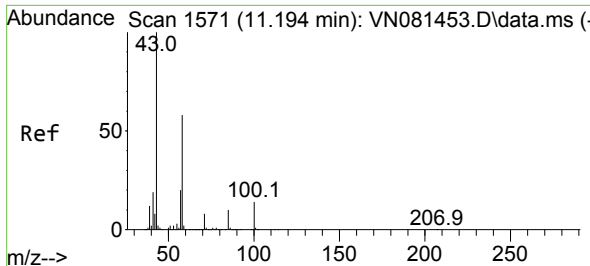
Tgt Ion: 63 Resp: 1216300

Ion Ratio Lower Upper

63 100

106 30.4 18.6 28.0#

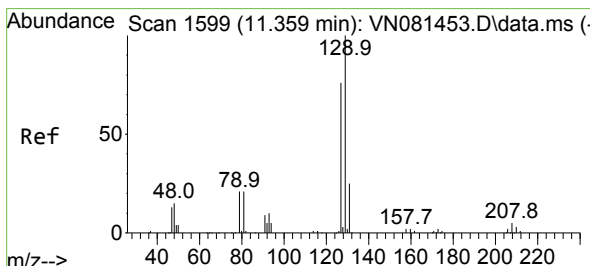
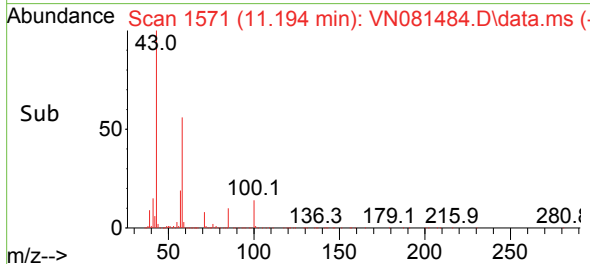
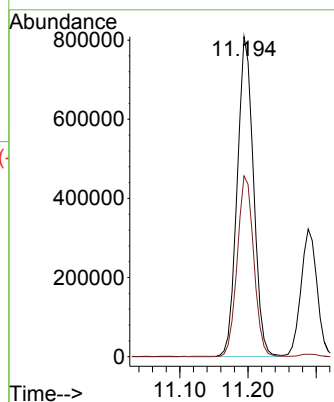
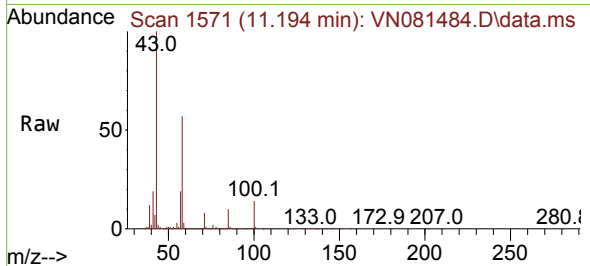




#59
2-Hexanone
Concen: 223.077 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

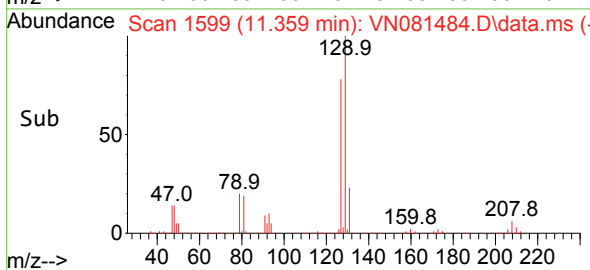
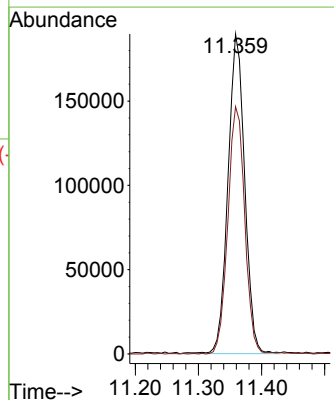
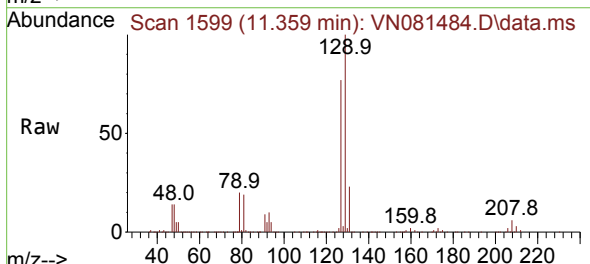
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

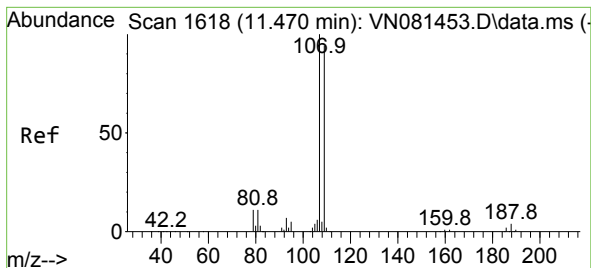
Tgt Ion: 43 Resp: 1340783
Ion Ratio Lower Upper
43 100
58 57.5 25.9 77.8



#60
Dibromochloromethane
Concen: 45.107 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:129 Resp: 348196
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.2

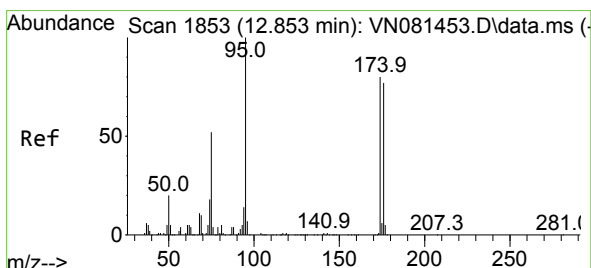
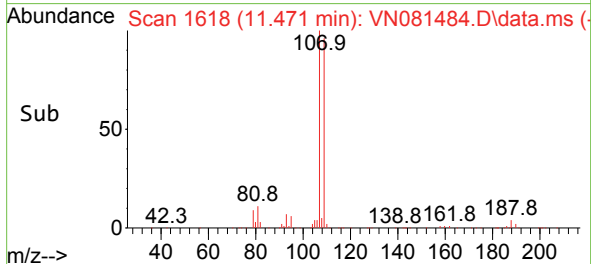
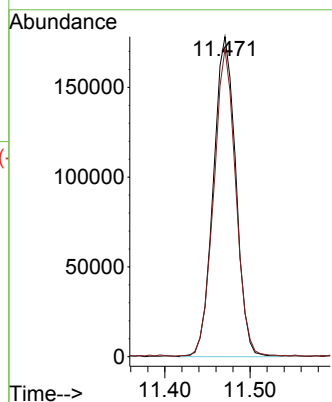
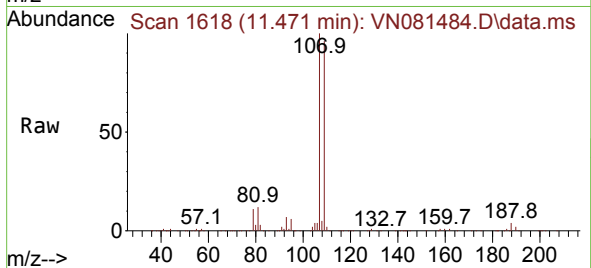




#61
1,2-Dibromoethane
Concen: 45.511 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

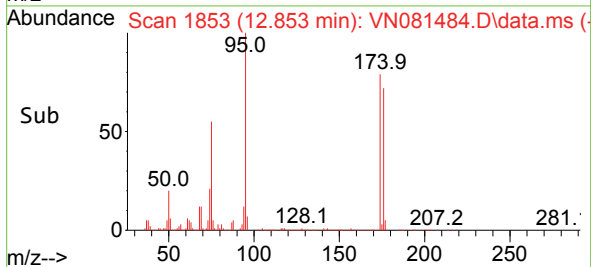
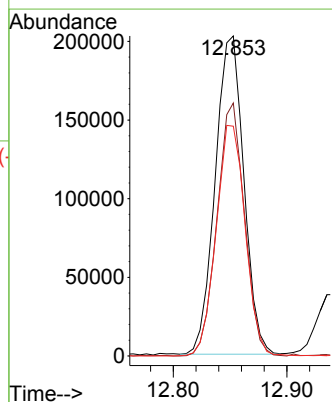
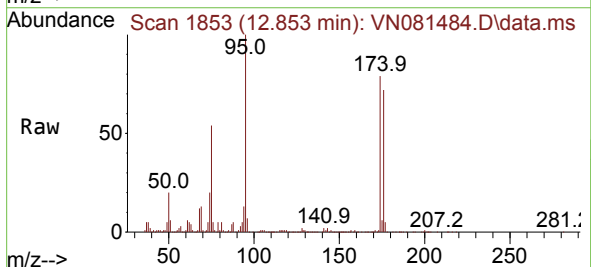
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

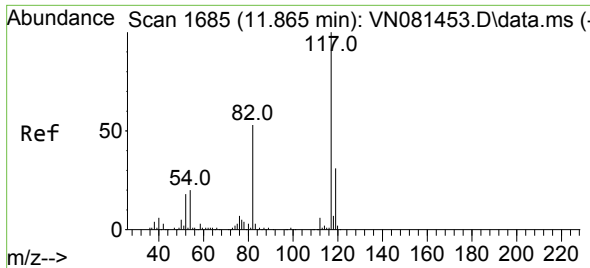
Tgt Ion:107 Resp: 325681
Ion Ratio Lower Upper
107 100
109 94.5 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.875 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 95 Resp: 354319
Ion Ratio Lower Upper
95 100
174 76.3 0.0 120.4
176 73.6 0.0 121.0

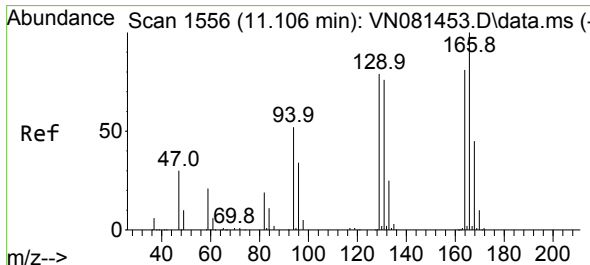
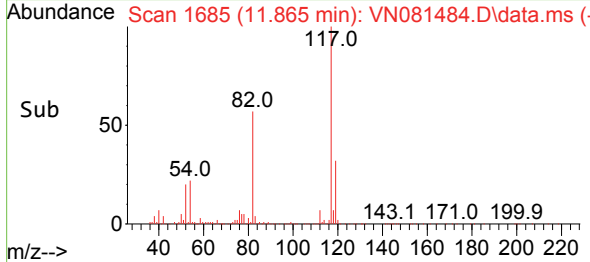
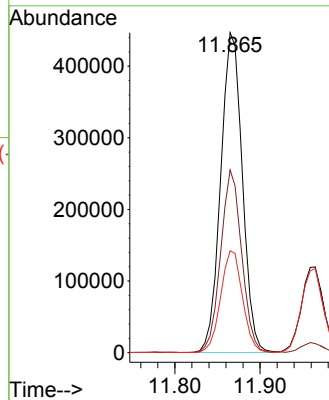
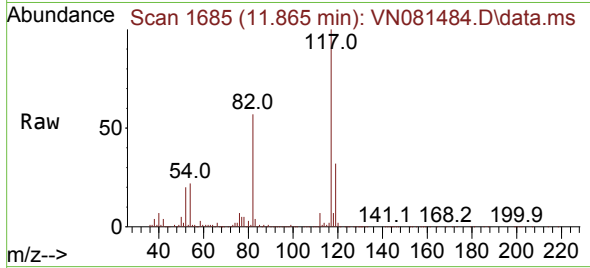




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

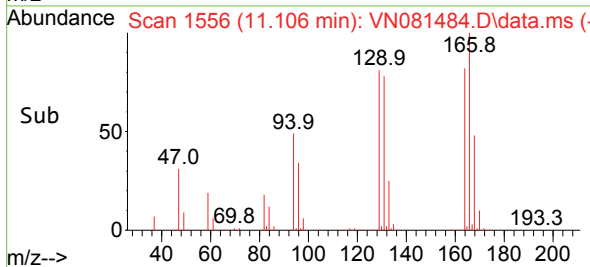
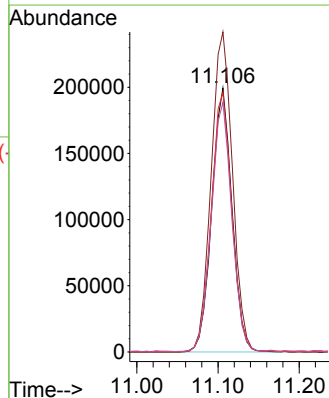
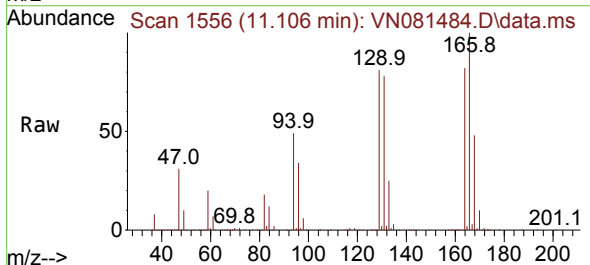
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

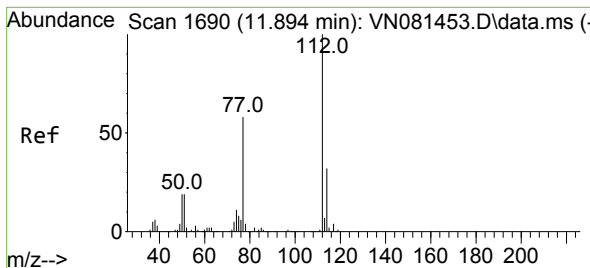
Tgt Ion:117 Resp: 787228
Ion Ratio Lower Upper
117 100
82 57.1 52.7 79.1
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 45.821 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:164 Resp: 344800
Ion Ratio Lower Upper
164 100
166 121.3 105.8 158.6
129 98.1 89.6 134.4
131 94.4 84.9 127.3





#65

Chlorobenzene

Concen: 46.265 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

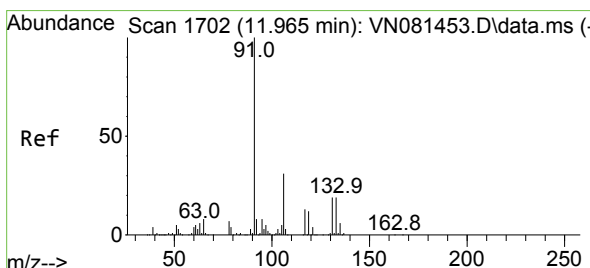
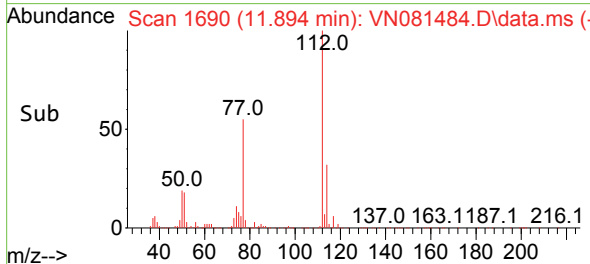
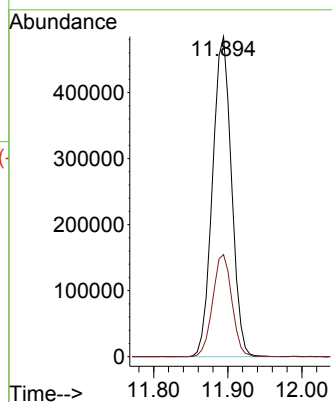
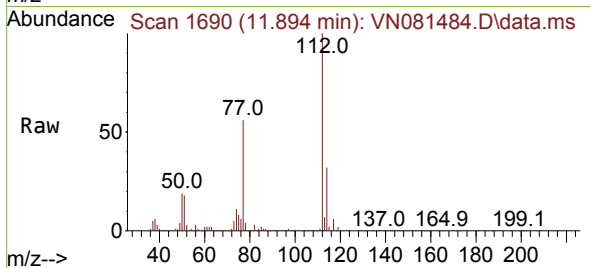
VSTDCCC050EC

Tgt Ion:112 Resp: 860987

Ion Ratio Lower Upper

112 100

114 31.9 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 46.135 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

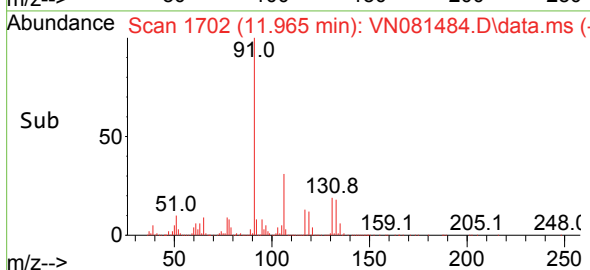
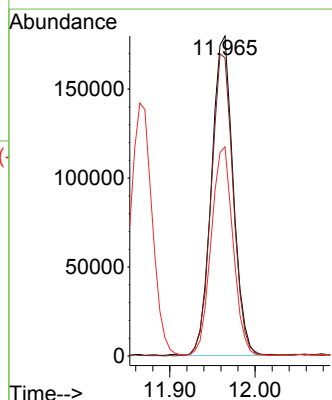
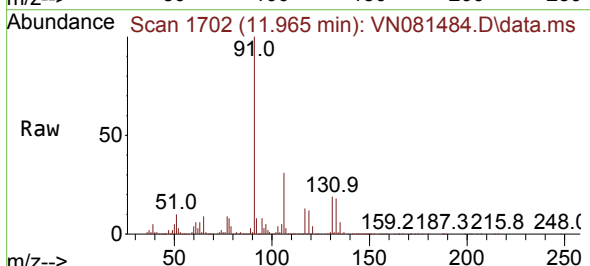
Tgt Ion:131 Resp: 318211

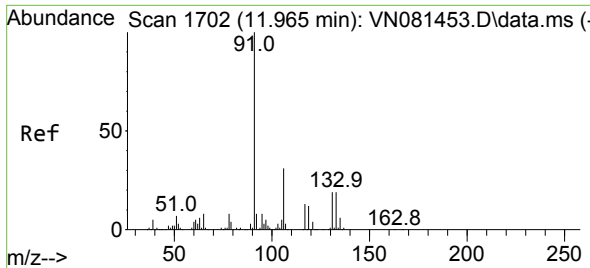
Ion Ratio Lower Upper

131 100

133 95.7 46.8 140.3

119 65.8 34.6 103.9

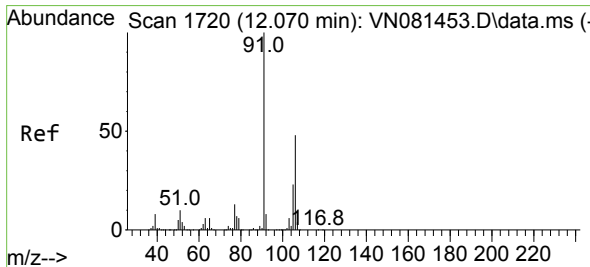
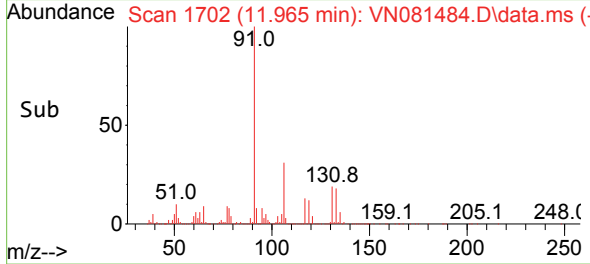
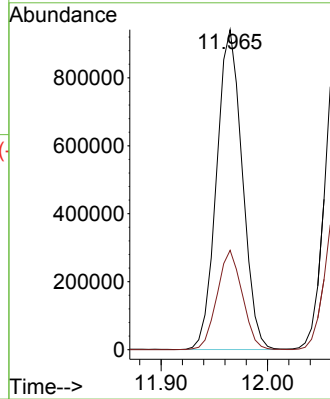
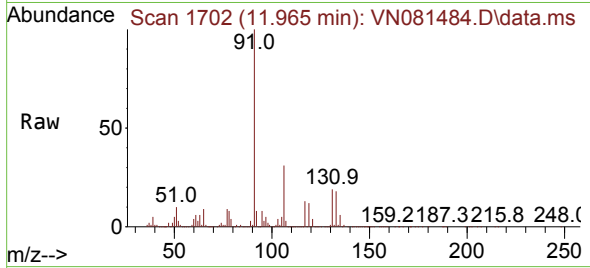




#67
Ethyl Benzene
Concen: 48.730 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

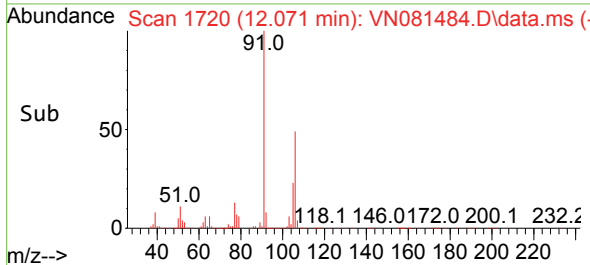
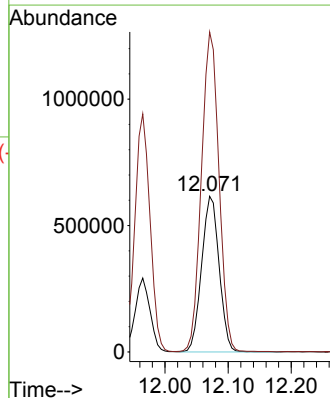
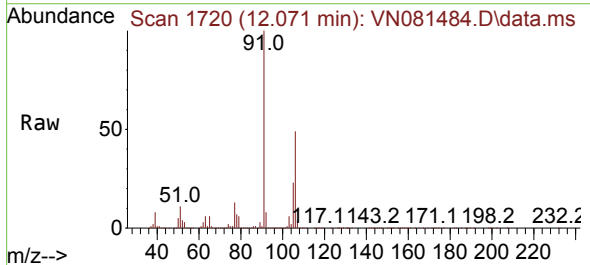
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

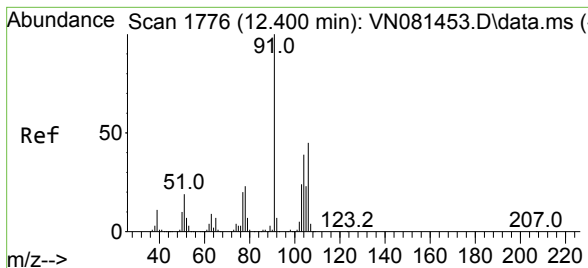
Tgt Ion: 91 Resp: 1575297
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.6



#68
m/p-Xylenes
Concen: 97.997 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:106 Resp: 1187611
Ion Ratio Lower Upper
106 100
91 205.4 169.0 253.6

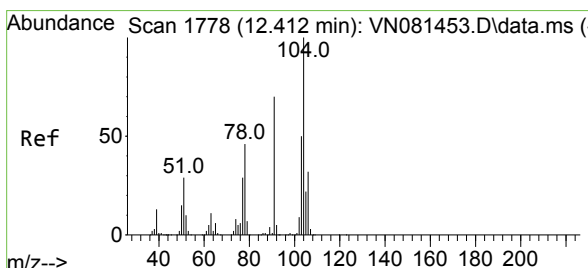
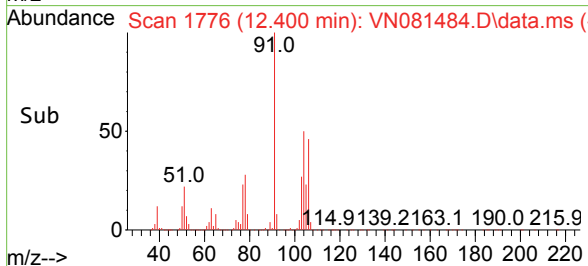
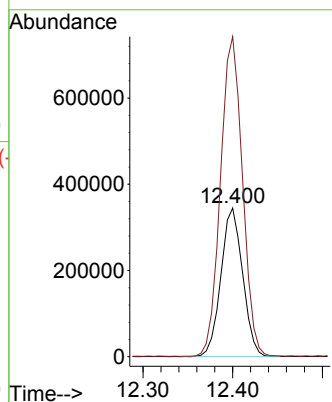
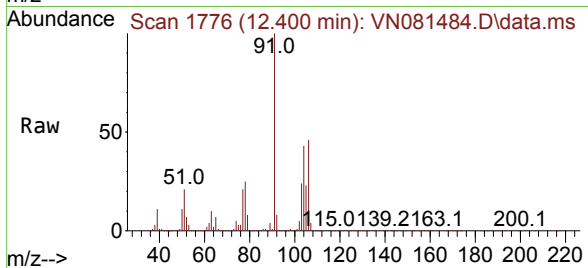




#69
o-Xylene
Concen: 48.642 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

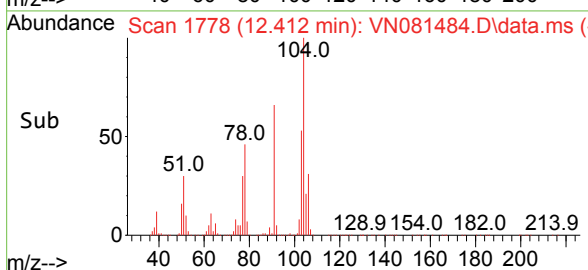
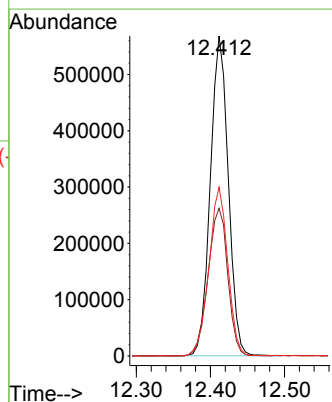
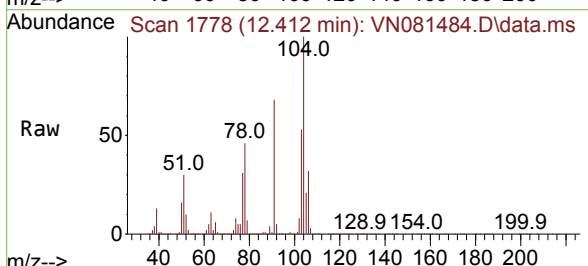
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

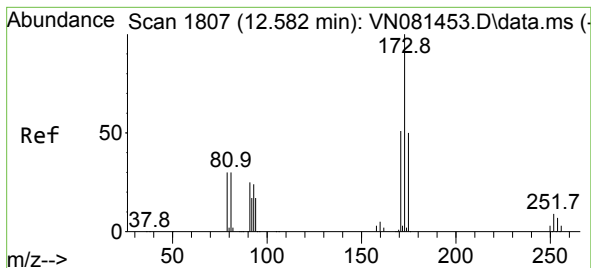
Tgt Ion:106 Resp: 578708
Ion Ratio Lower Upper
106 100
91 218.0 112.1 336.3



#70
Styrene
Concen: 49.923 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:104 Resp: 957927
Ion Ratio Lower Upper
104 100
78 50.7 43.8 65.8
103 55.2 44.2 66.2





#71

Bromoform

Concen: 45.962 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

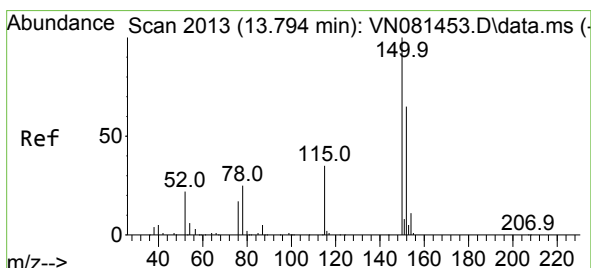
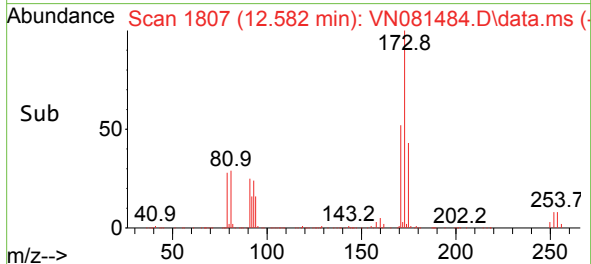
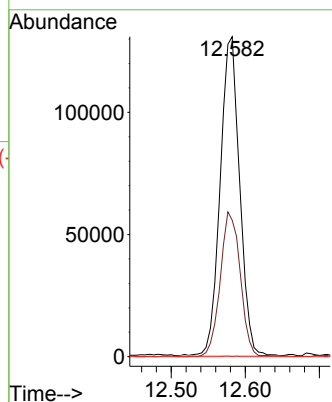
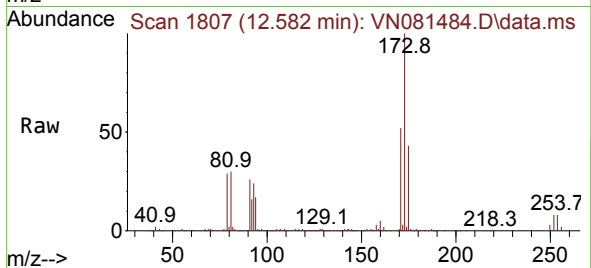
Tgt Ion:173 Resp: 238224

Ion Ratio Lower Upper

173 100

175 46.7 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: VN081484.D

Acq: 19 Mar 2024 20:31

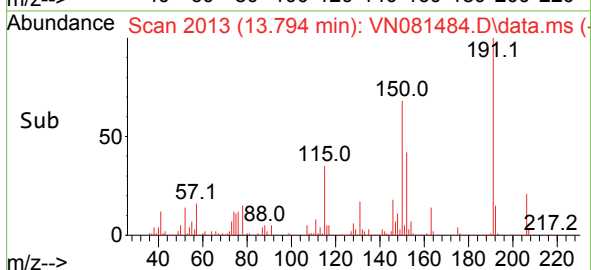
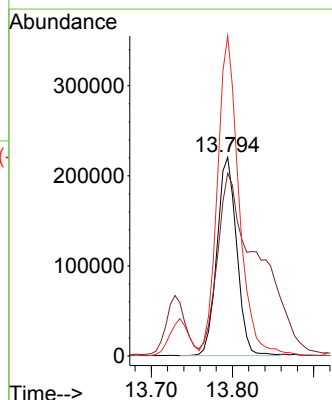
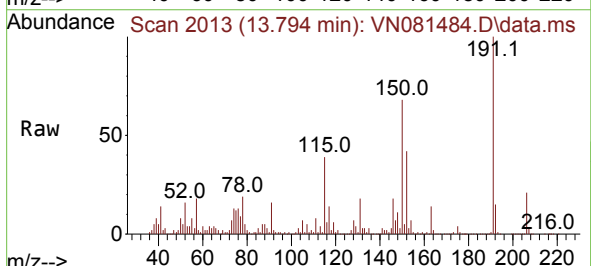
Tgt Ion:152 Resp: 371104

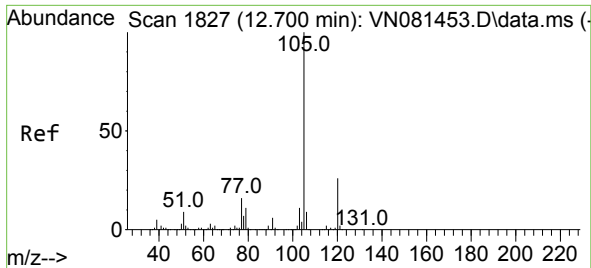
Ion Ratio Lower Upper

152 100

115 190.5 32.3 96.8#

150 177.5 0.0 339.8

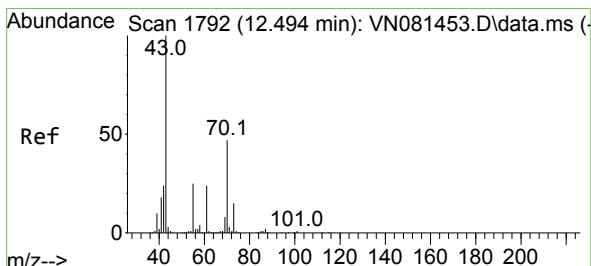
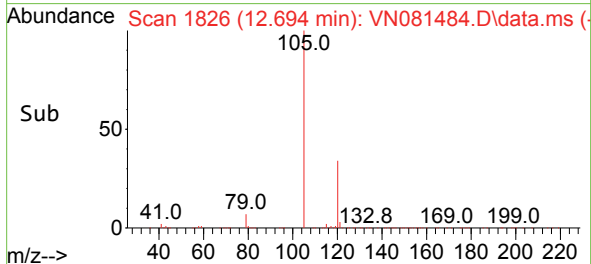
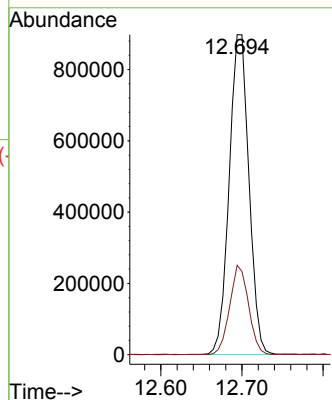
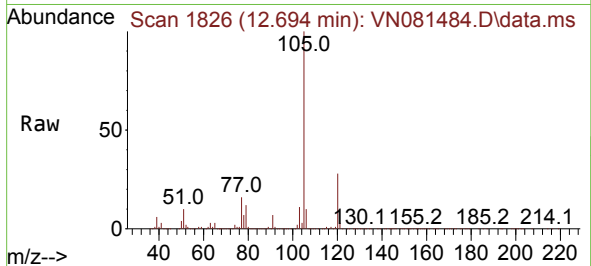




#73
Isopropylbenzene
Concen: 47.915 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

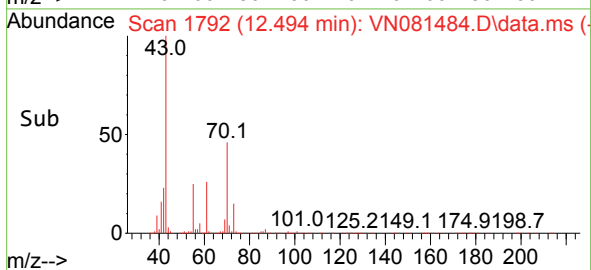
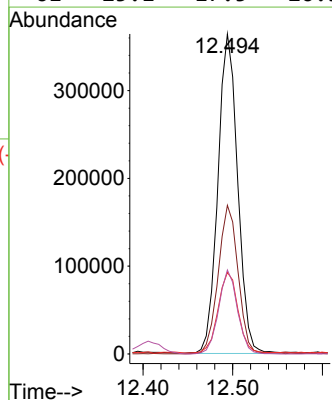
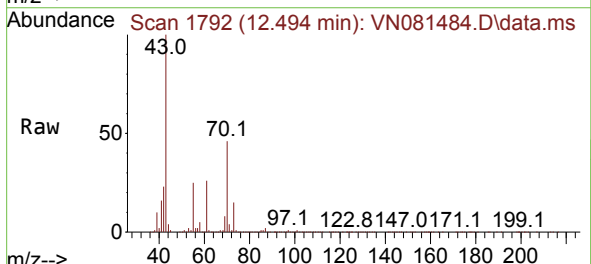
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

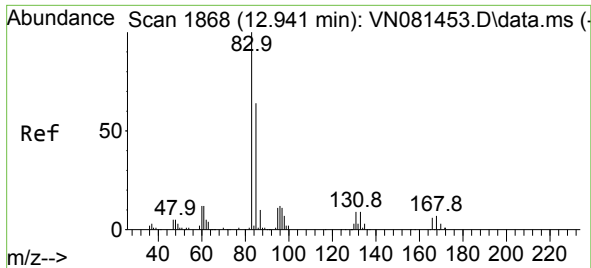
Tgt Ion:105 Resp: 1515713
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6



#74
N-ethyl acetate
Concen: 48.588 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 43 Resp: 556224
Ion Ratio Lower Upper
43 100
70 46.8 30.1 45.1#
55 25.4 17.0 25.4
61 25.1 17.5 26.3

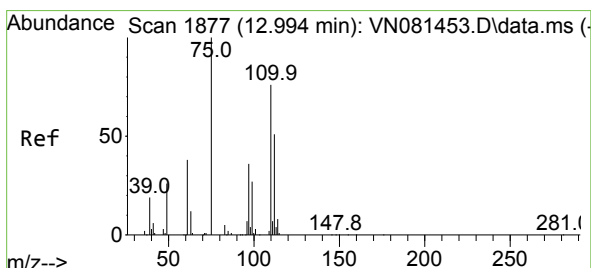
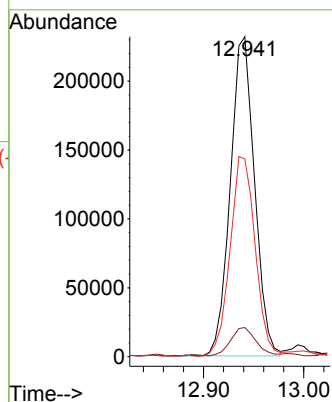
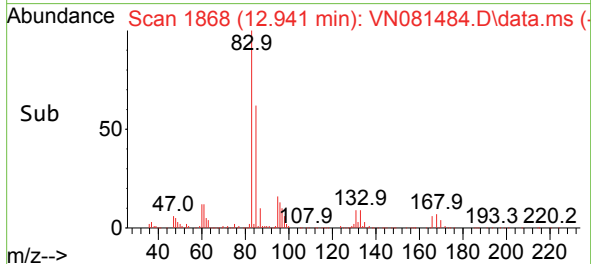
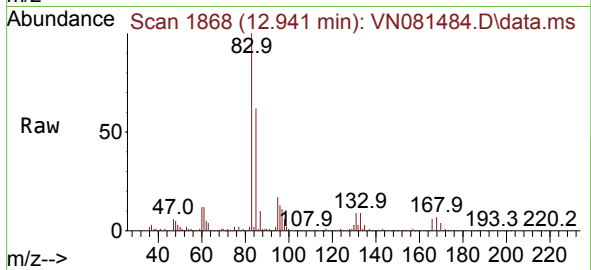




#75
1,1,2,2-Tetrachloroethane
Concen: 41.956 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

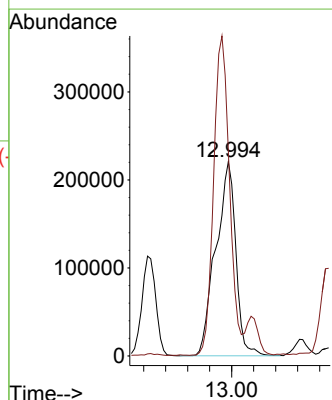
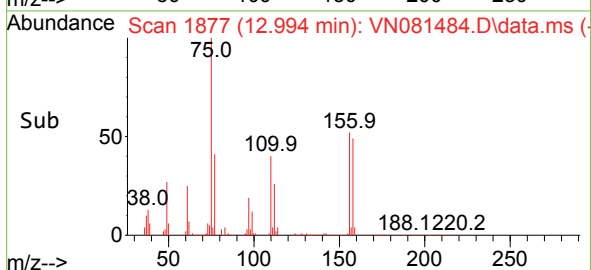
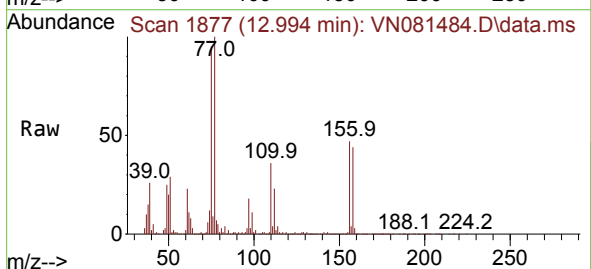
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

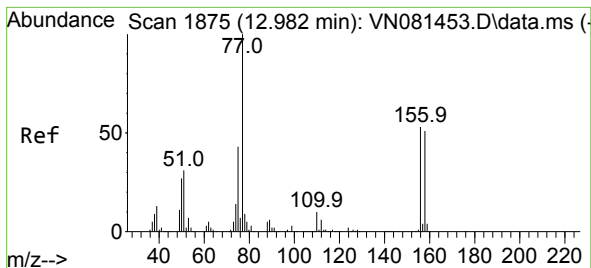
Tgt Ion: 83 Resp: 390222
Ion Ratio Lower Upper
83 100
131 9.0 4.1 12.3
85 65.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 62.810 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 75 Resp: 557563
Ion Ratio Lower Upper
75 100
77 130.5 91.0 272.8





#77

Bromobenzene

Concen: 44.149 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081484.D

Acq: 19 Mar 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

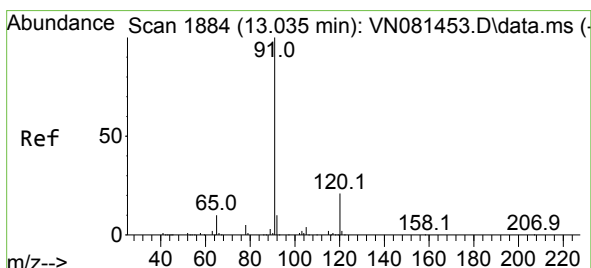
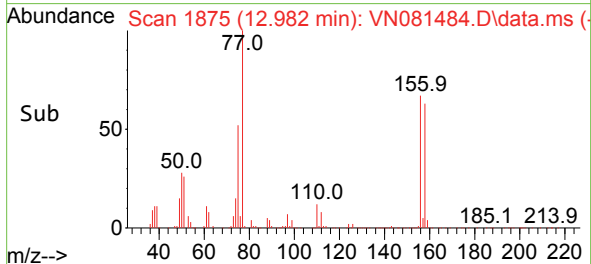
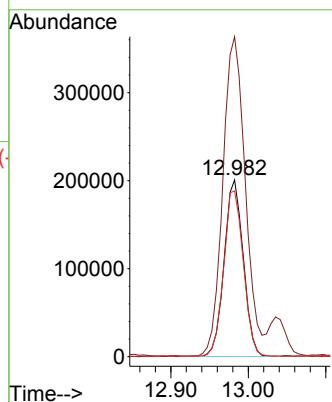
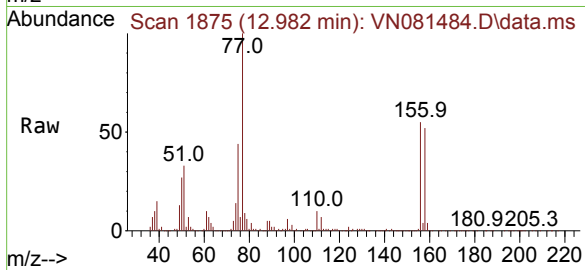
Tgt Ion:156 Resp: 344991

Ion Ratio Lower Upper

156 100

77 211.0 138.1 414.3

158 96.6 46.5 139.5



#78

n-propylbenzene

Concen: 48.309 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081484.D

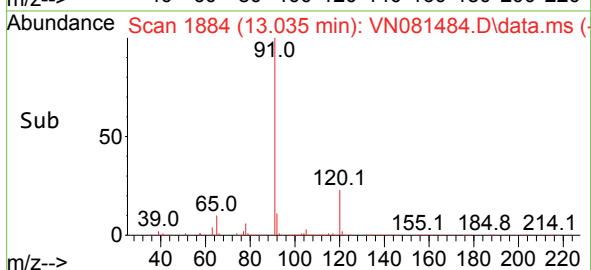
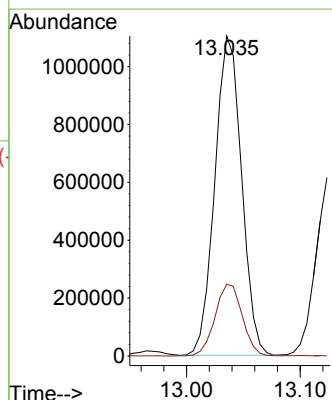
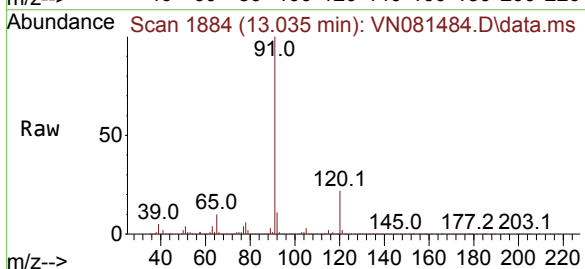
Acq: 19 Mar 2024 20:31

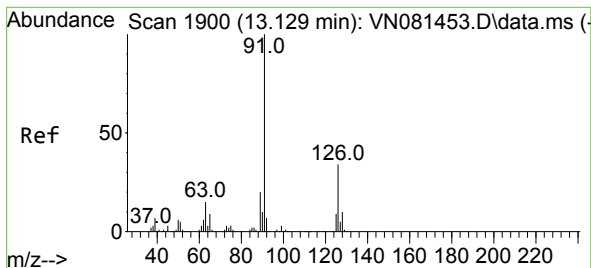
Tgt Ion: 91 Resp: 1804688

Ion Ratio Lower Upper

91 100

120 22.8 10.3 30.9

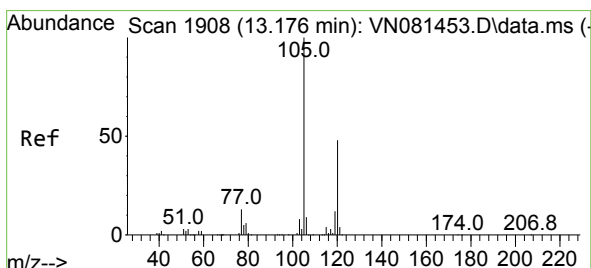
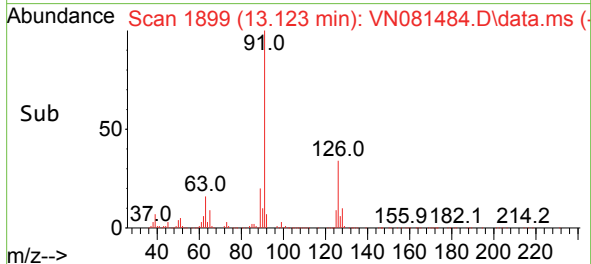
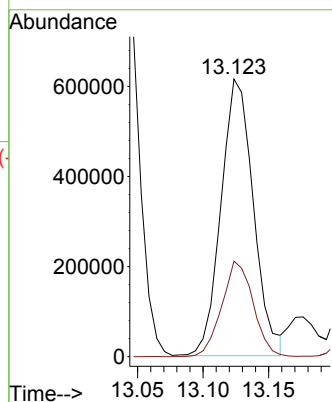
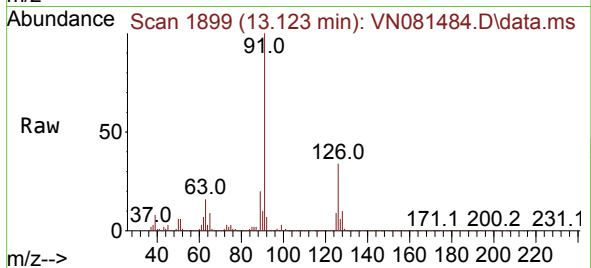




#79
2-Chlorotoluene
Concen: 47.269 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

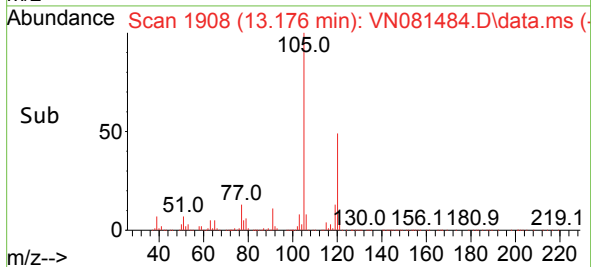
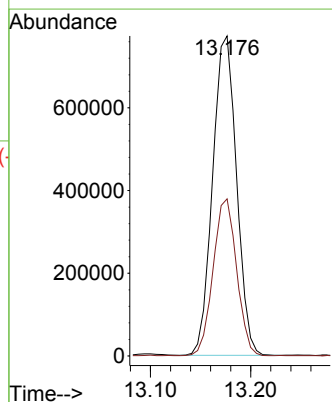
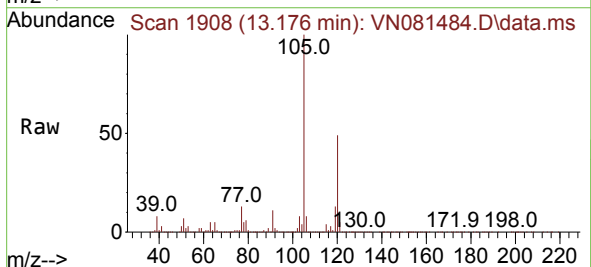
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

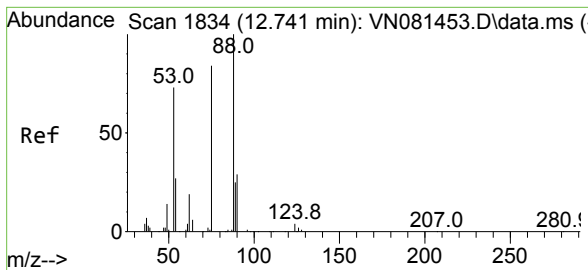
Tgt Ion: 91 Resp: 1056879
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 48.947 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 105 Resp: 1278878
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0

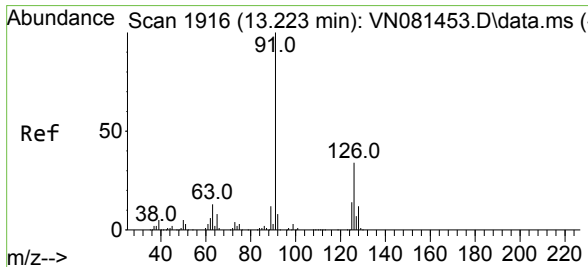
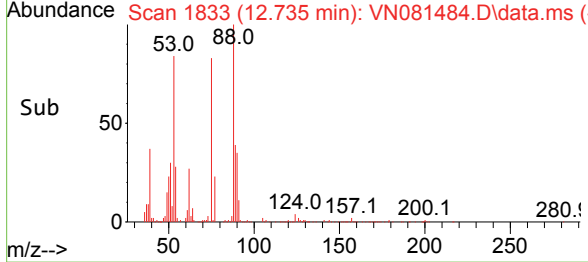
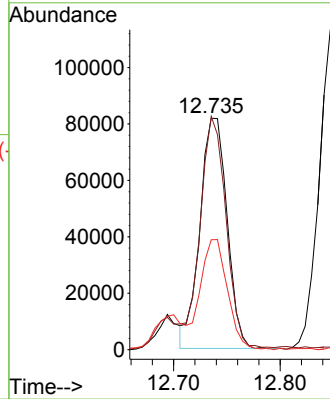
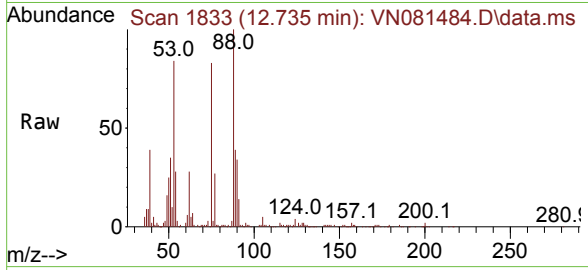




#81
trans-1,4-Dichloro-2-butene
Concen: 43.903 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

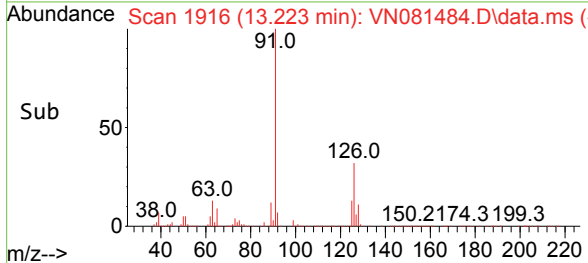
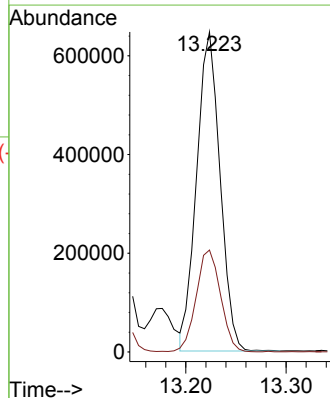
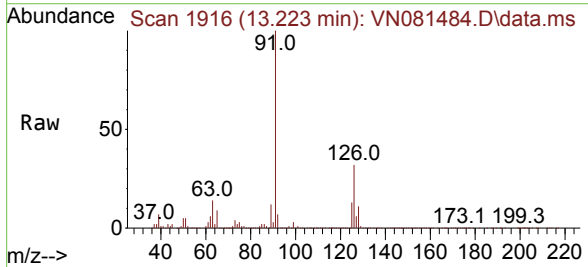
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

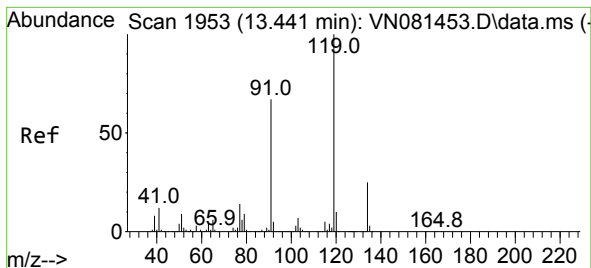
Tgt Ion: 75 Resp: 144220
Ion Ratio Lower Upper
75 100
53 96.1 71.4 107.2
89 47.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 47.634 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 91 Resp: 1050026
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9

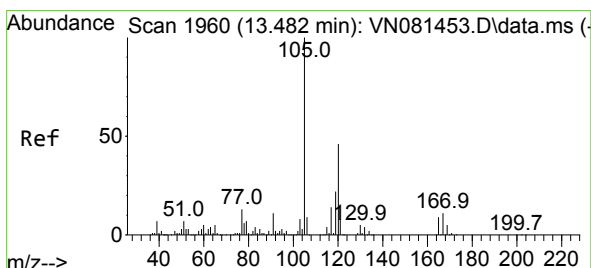
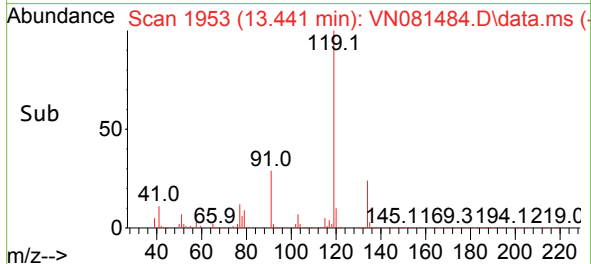
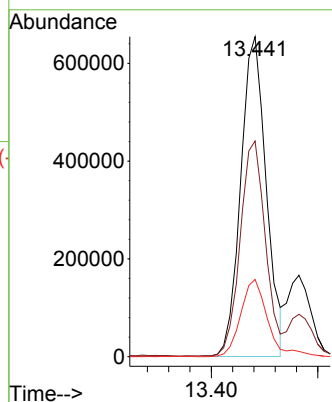
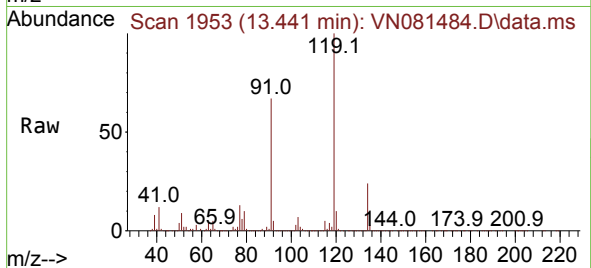




#83
tert-Butylbenzene
Concen: 48.282 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

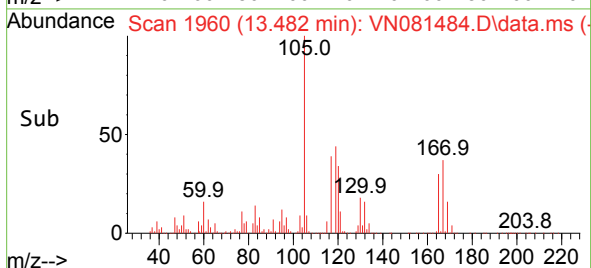
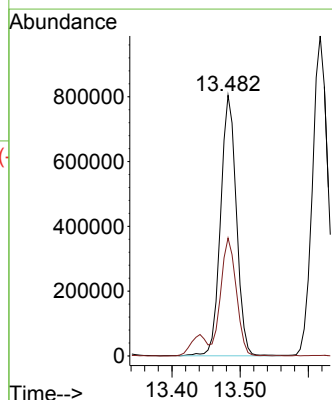
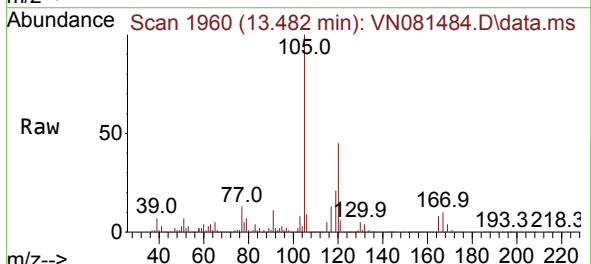
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

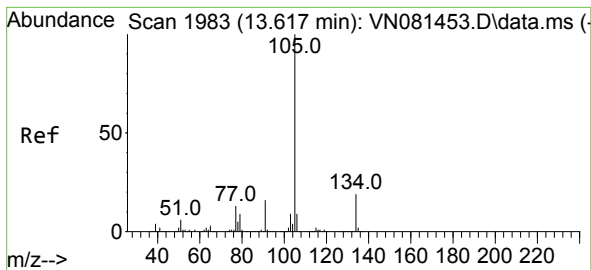
Tgt Ion:119 Resp: 1087825
Ion Ratio Lower Upper
119 100
91 66.5 36.8 110.4
134 25.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 49.351 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:105 Resp: 1295970
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7

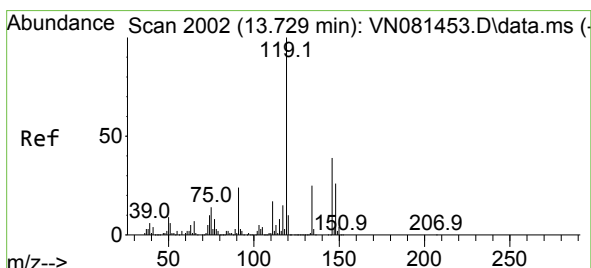
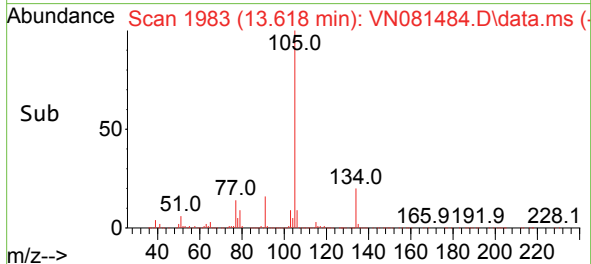
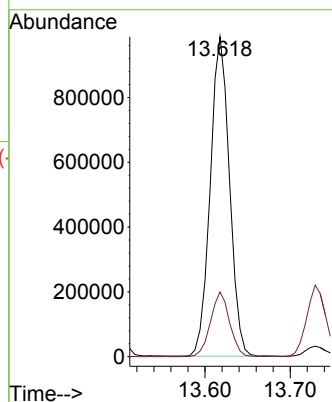
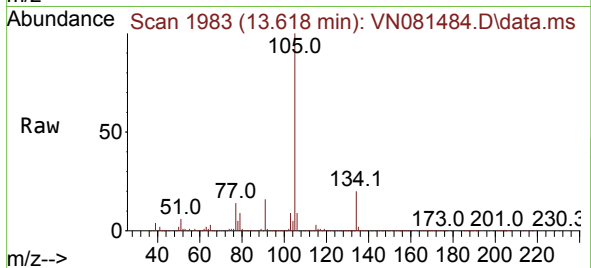




#85
 sec-Butylbenzene
 Concen: 48.046 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

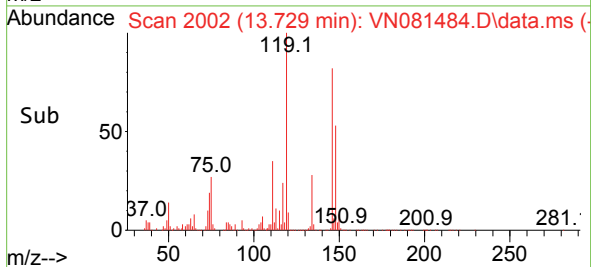
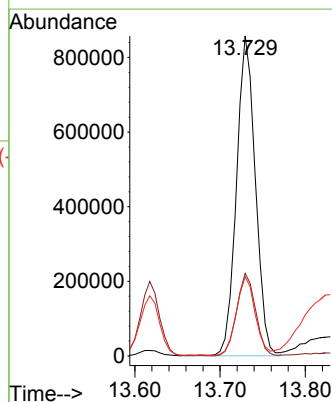
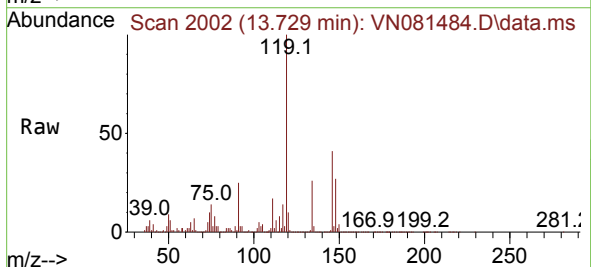
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

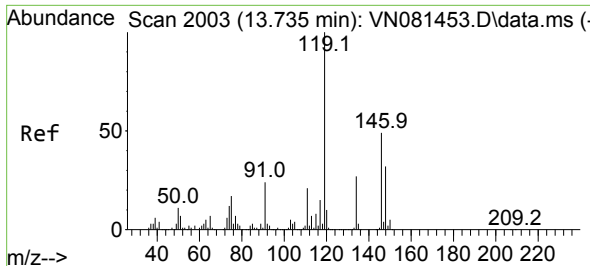
Tgt Ion:105 Resp: 1547486
 Ion Ratio Lower Upper
 105 100
 134 20.1 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 50.080 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion:119 Resp: 1318536
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.5 13.5 40.4

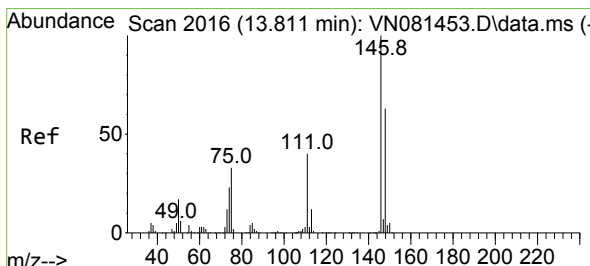
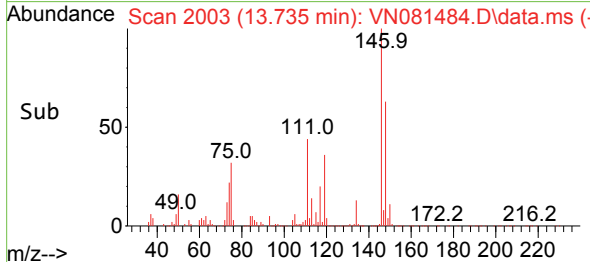
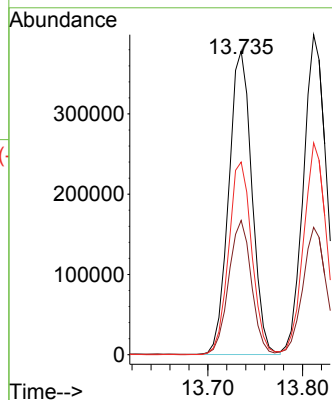
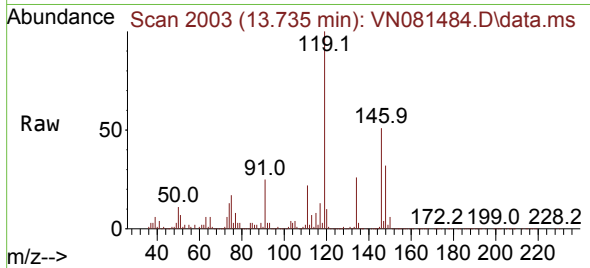




#87
1,3-Dichlorobenzene
Concen: 44.674 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

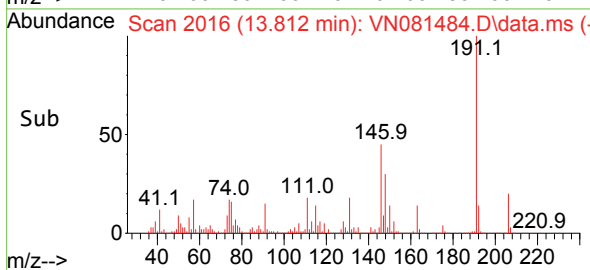
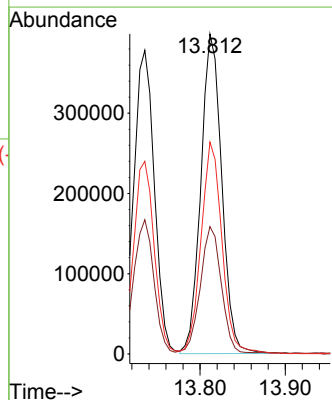
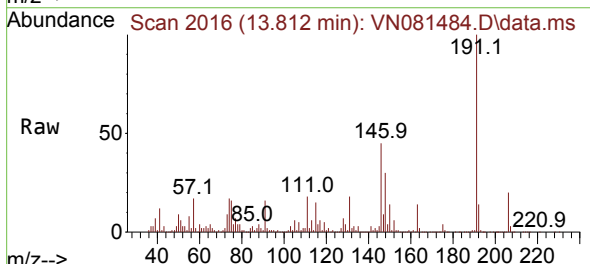
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

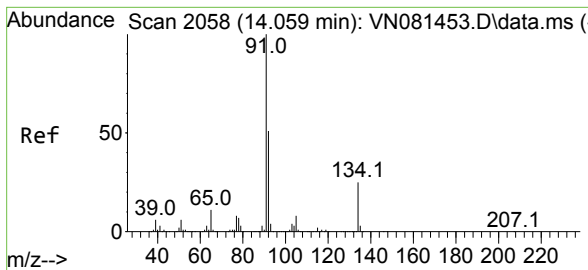
Tgt Ion:146 Resp: 641396
Ion Ratio Lower Upper
146 100
111 43.3 23.9 71.7
148 63.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 45.707 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion:146 Resp: 679487
Ion Ratio Lower Upper
146 100
111 40.1 22.6 67.7
148 66.6 31.9 95.5

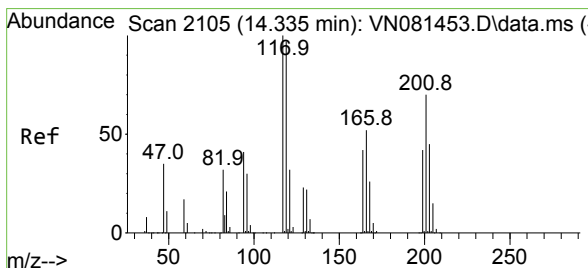
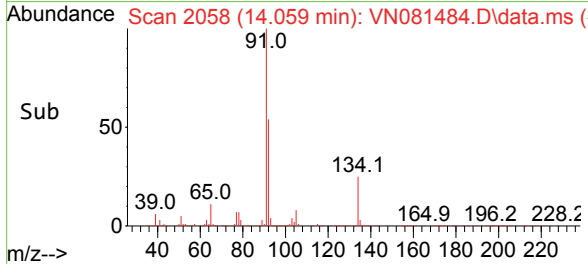
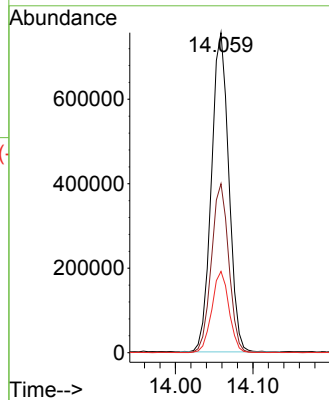
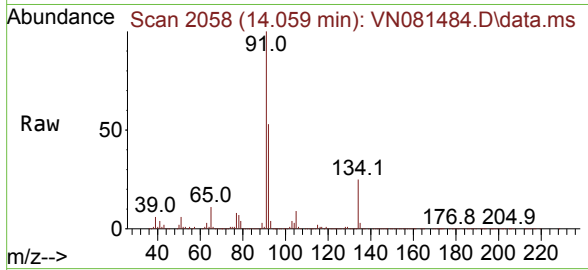




#89
n-Butylbenzene
Concen: 50.366 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

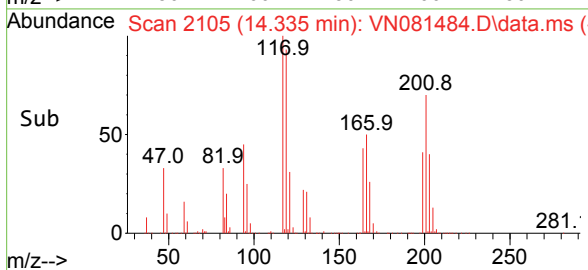
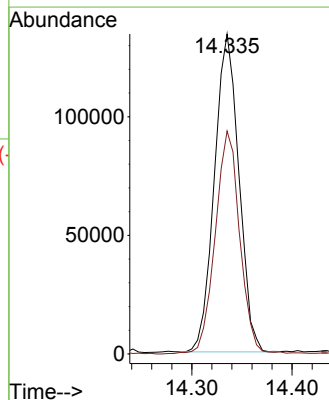
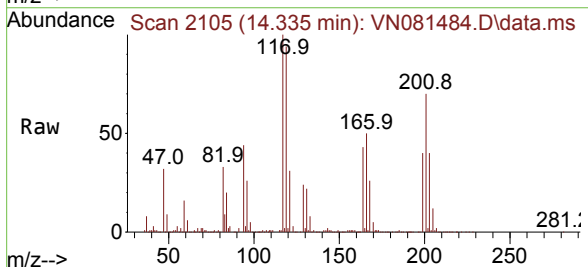
Instrument :
MSVOA_N
ClientSampleId :
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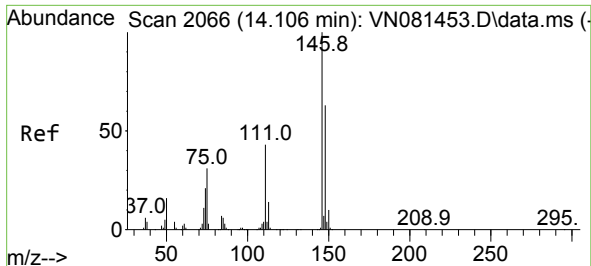
Tgt Ion: 91 Resp: 1175855
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 25.2 10.8 32.4



#90
Hexachloroethane
Concen: 45.615 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 117 Resp: 227448
Ion Ratio Lower Upper
117 100
201 70.5 30.0 90.0

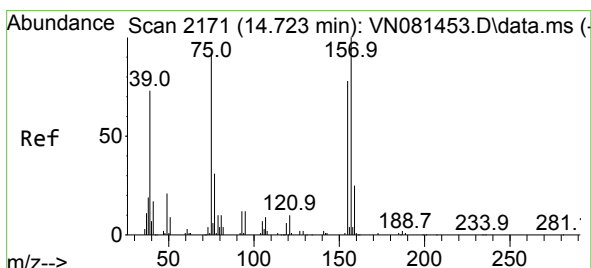
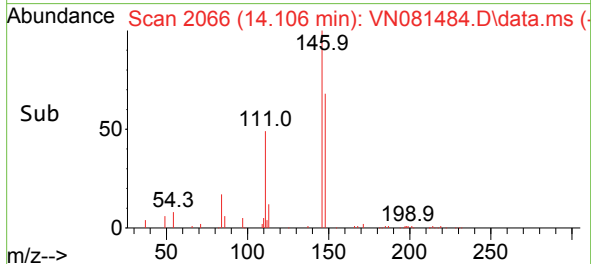
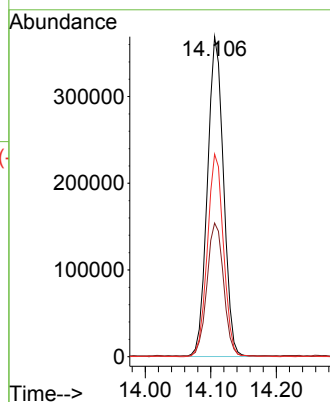
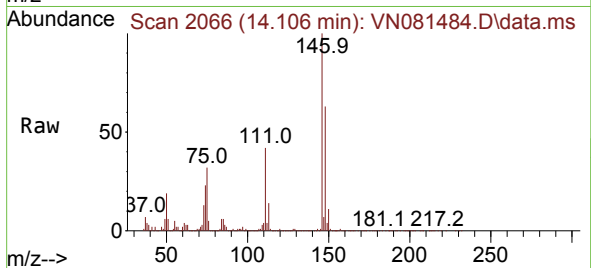




#91
1,2-Dichlorobenzene
Concen: 45.543 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

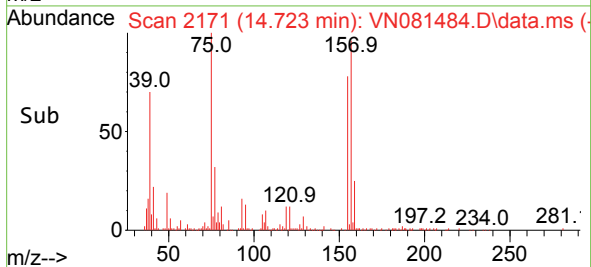
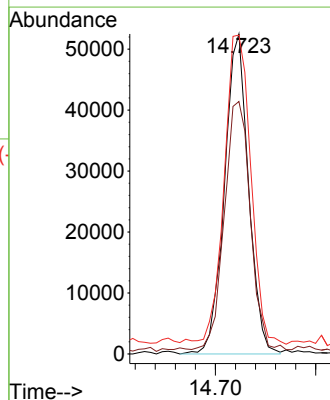
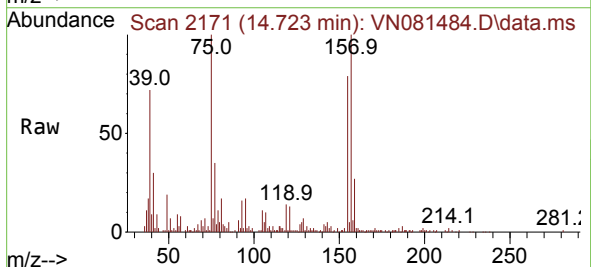
Instrument :
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ClientSampleId :
VSTDCCC050EC

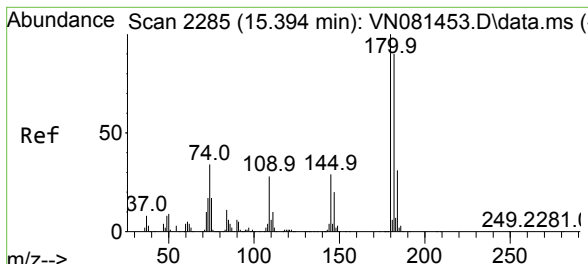
Tgt Ion:146 Resp: 629341
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.8
148 63.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.106 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081484.D
Acq: 19 Mar 2024 20:31

Tgt Ion: 75 Resp: 87301
Ion Ratio Lower Upper
75 100
155 83.4 31.8 95.4
157 108.3 41.1 123.4

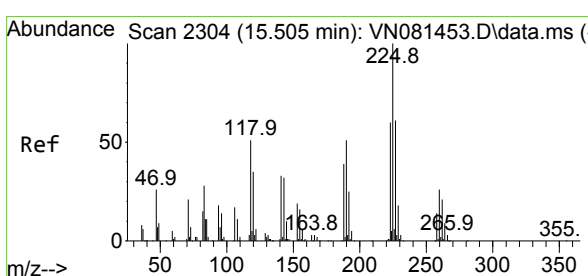
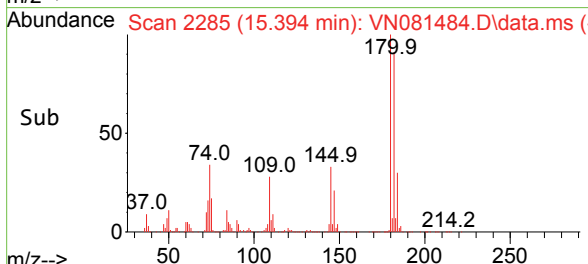
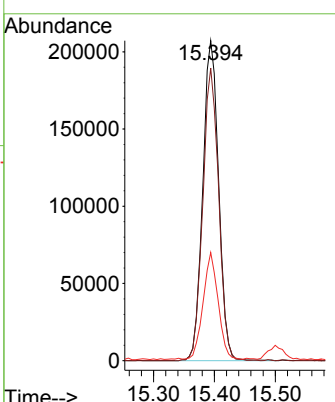
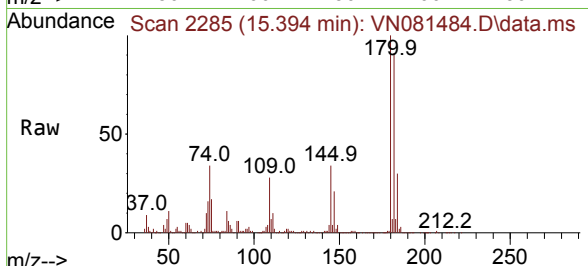




#93
 1,2,4-Trichlorobenzene
 Concen: 46.926 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

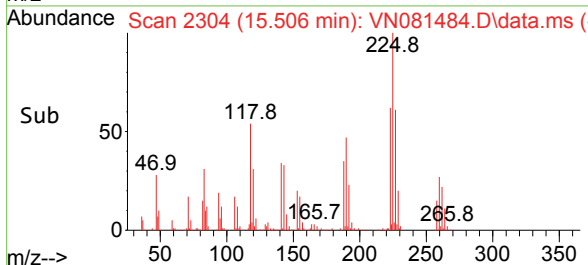
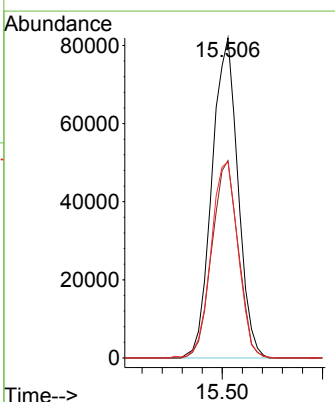
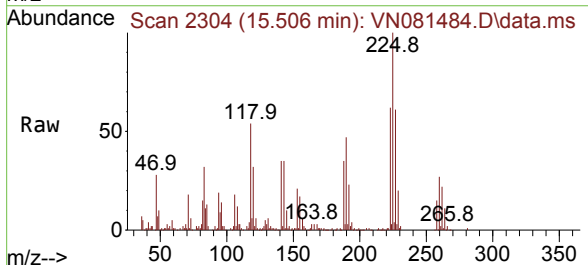
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

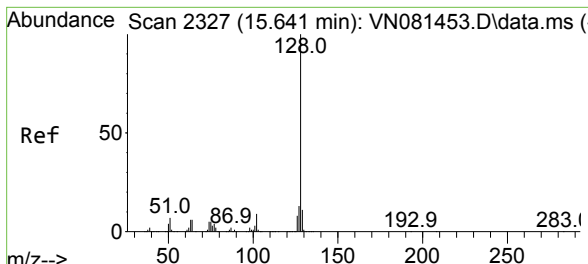
Tgt Ion:	180	Resp:	374946
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.6	139.7
145	31.4	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 42.062 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion:	225	Resp:	147457
Ion Ratio	Lower	Upper	
225	100		
223	62.3	33.3	99.8
227	63.6	33.1	99.2



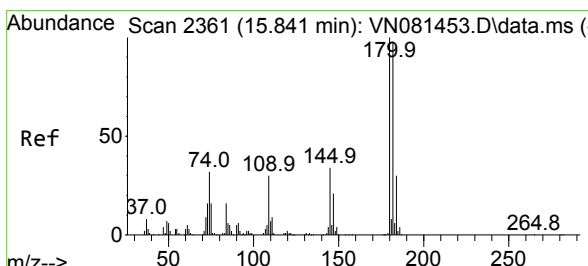
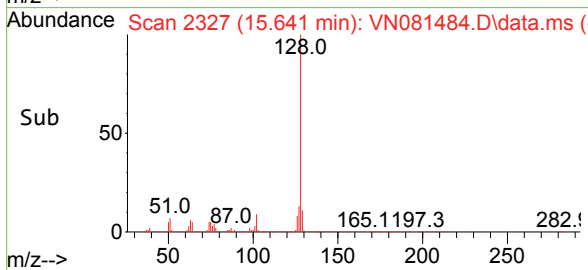
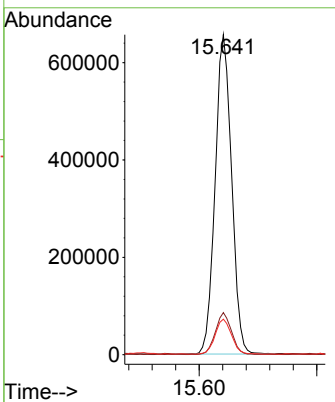
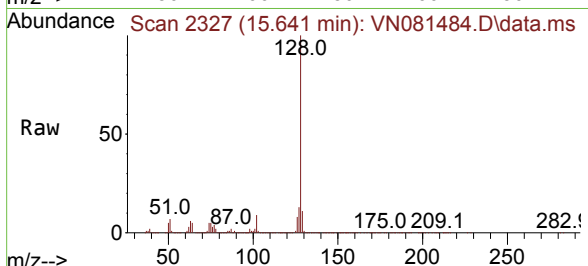


#95
 Naphthalene
 Concen: 49.301 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:128 Resp: 1276435

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 45.432 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN081484.D
 Acq: 19 Mar 2024 20:31

Tgt Ion:180 Resp: 365137

Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.5	139.3
145	34.4	17.8	53.4

