

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081509.D
 Acq On : 21 Mar 2024 10:44
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 22 05:01:48 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	458967	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	774409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	682614	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	279778	47.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	8.165	113	239063	48.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	10.565	98	852650	48.262	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.847	95	304455	48.907	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	268568	43.458	ug/l	99
3) Chloromethane	2.359	50	258083	41.944	ug/l	96
4) Vinyl Chloride	2.518	62	356048	51.561	ug/l	95
5) Bromomethane	2.959	94	228424	46.774	ug/l	93
6) Chloroethane	3.124	64	201645	42.530	ug/l	95
7) Trichlorofluoromethane	3.501	101	501959	48.774	ug/l	99
8) Diethyl Ether	3.959	74	185068	54.337	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	289214	49.458	ug/l #	86
10) Methyl Iodide	4.589	142	322324	55.350	ug/l	97
11) Tert butyl alcohol	5.524	59	219544	215.239	ug/l	99
12) 1,1-Dichloroethene	4.342	96	270778	49.991	ug/l	85
13) Acrolein	4.177	56	295816	323.201	ug/l	99
14) Allyl chloride	5.024	41	374199	55.132	ug/l #	91
15) Acrylonitrile	5.718	53	592518	217.138	ug/l	97
16) Acetone	4.430	43	340082	179.789	ug/l	100
17) Carbon Disulfide	4.712	76	717033	46.130	ug/l	97
18) Methyl Acetate	5.024	43	271348	46.530	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	925432	54.592	ug/l	95
20) Methylene Chloride	5.277	84	306375	49.446	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	296213	49.047	ug/l	91
22) Diisopropyl ether	6.665	45	862771	54.708	ug/l #	92
23) Vinyl Acetate	6.600	43	3253986	259.222	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	530592	50.233	ug/l	97
25) 2-Butanone	7.483	43	658319	202.908	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	491241	53.621	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	362319	53.023	ug/l	84
28) Bromochloromethane	7.812	49	184414	42.864	ug/l #	50
29) Tetrahydrofuran	7.836	42	455328	208.325	ug/l #	78
30) Chloroform	7.965	83	583858	51.634	ug/l	100
31) Cyclohexane	8.253	56	444549	46.674	ug/l #	76
32) 1,1,1-Trichloroethane	8.165	97	525136	51.188	ug/l	90
36) 1,1-Dichloropropene	8.371	75	430152	52.300	ug/l	96
37) Ethyl Acetate	7.559	43	301239	42.772	ug/l	95
38) Carbon Tetrachloride	8.359	117	460708	51.134	ug/l	98
39) Methylcyclohexane	9.600	83	496076	54.010	ug/l #	82
40) Benzene	8.606	78	1256925	52.272	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	169229	45.436	ug/l #	90
42) 1,2-Dichloroethane	8.665	62	436799	51.618	ug/l	98
43) Isopropyl Acetate	8.688	43	551654	47.254	ug/l #	89
44) Trichloroethene	9.353	130	350187	51.781	ug/l	94
45) 1,2-Dichloropropane	9.618	63	314764	54.013	ug/l	100
46) Dibromomethane	9.706	93	227383	51.379	ug/l #	87
47) Bromodichloromethane	9.888	83	464081	53.634	ug/l #	98
48) Methyl methacrylate	9.682	41	261212	48.511	ug/l #	84
49) 1,4-Dioxane	9.700	88	89140	688.863	ug/l #	65
51) 4-Methyl-2-Pentanone	10.441	43	1564189	219.579	ug/l	91
52) Toluene	10.629	92	796798	52.135	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	506306	54.189	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	540030	53.908	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	313763	51.013	ug/l	91
56) Ethyl methacrylate	10.871	69	455645	49.789	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	531104	52.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1077238	278.346	ug/l #	84
59) 2-Hexanone	11.194	43	1117965	212.269	ug/l	90
60) Dibromochloromethane	11.359	129	347939	51.438	ug/l	99
61) 1,2-Dibromoethane	11.471	107	318226	50.748	ug/l	97
64) Tetrachloroethene	11.106	164	351259	53.833	ug/l	93
65) Chlorobenzene	11.888	112	859981	53.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	325539	54.431	ug/l	96
67) Ethyl Benzene	11.965	91	1548662	55.248	ug/l	99
68) m/p-Xylenes	12.071	106	1187144	112.971	ug/l	94
69) o-Xylene	12.400	106	569672	55.220	ug/l	96
70) Styrene	12.412	104	942875	56.669	ug/l	96
71) Bromoform	12.576	173	225491	50.173	ug/l #	96
73) Isopropylbenzene	12.694	105	1494928	54.592	ug/l	97
74) N-amyl acetate	12.494	43	488271	49.271	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	361686	44.923	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	509998	66.367	ug/l	68
77) Bromobenzene	12.982	156	345601	51.090	ug/l	68
78) n-propylbenzene	13.035	91	1759750	54.416	ug/l	96
79) 2-Chlorotoluene	13.123	91	1015933	52.489	ug/l	92
80) 1,3,5-Trimethylbenzene	13.171	105	1270147	56.157	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	137096	48.211	ug/l	93
82) 4-Chlorotoluene	13.223	91	1031864	54.074	ug/l	93
83) tert-Butylbenzene	13.435	119	1066339	54.673	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1261575	55.497	ug/l	93
85) sec-Butylbenzene	13.618	105	1524518	54.678	ug/l	93
86) p-Isopropyltoluene	13.729	119	1300431	57.057	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	653773	52.603	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	659264	51.228	ug/l	96
89) n-Butylbenzene	14.059	91	1119024	55.370	ug/l	97
90) Hexachloroethane	14.335	117	219023	50.742	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	630242	52.686	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	73548	42.924	ug/l	65
93) 1,2,4-Trichlorobenzene	15.394	180	388962	56.235	ug/l	98
94) Hexachlorobutadiene	15.500	225	160593	52.917	ug/l	95
95) Naphthalene	15.641	128	1203601	53.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	380841	54.740	ug/l	98

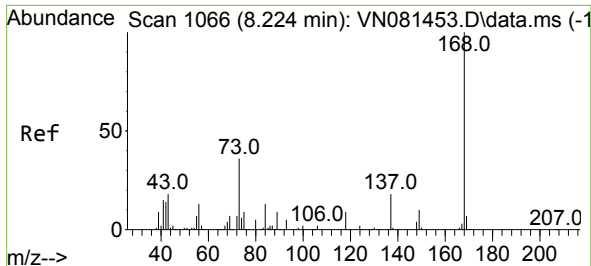
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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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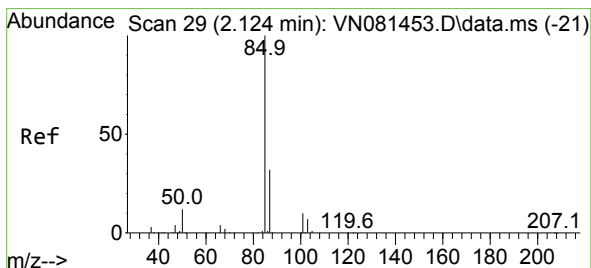
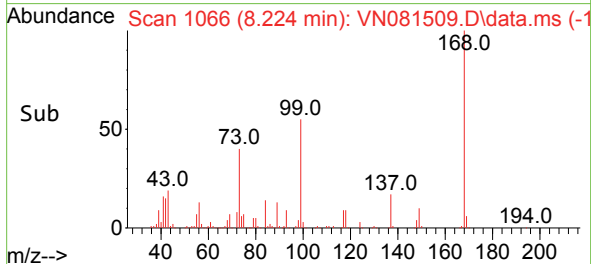
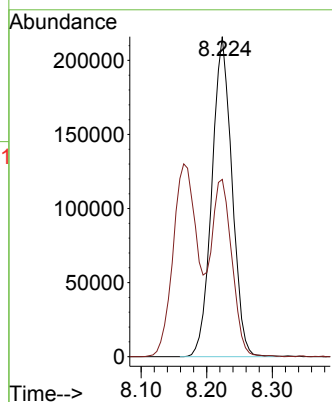
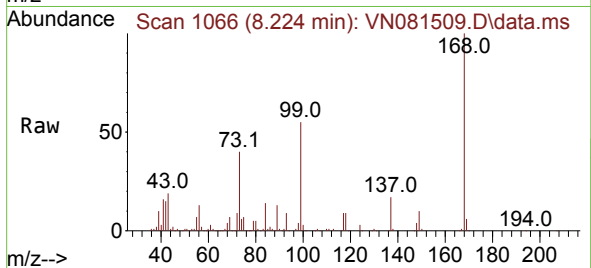
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

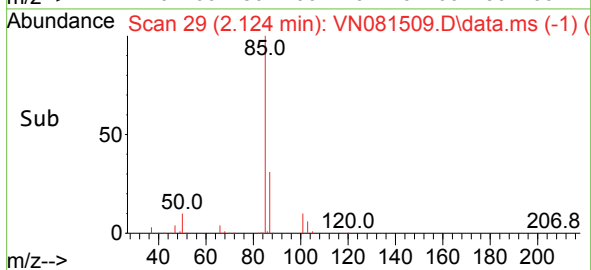
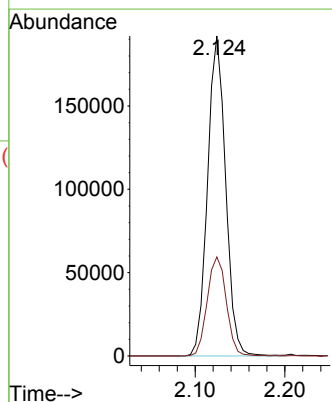
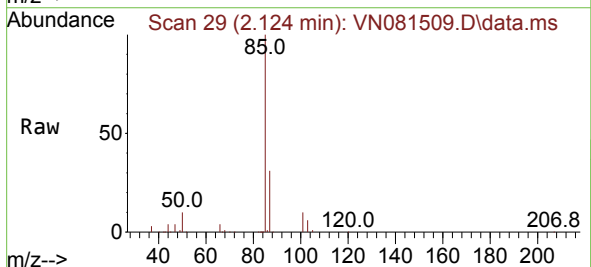
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ClientSampleId :
VSTDCCC050

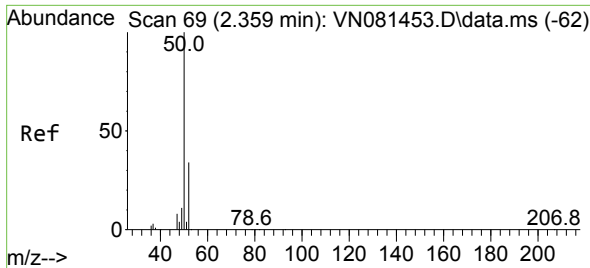
Tgt Ion:168 Resp: 458967
Ion Ratio Lower Upper
168 100
99 55.2 59.9 89.9#



#2
Dichlorodifluoromethane
Concen: 43.458 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 85 Resp: 268568
Ion Ratio Lower Upper
85 100
87 31.0 15.3 45.9

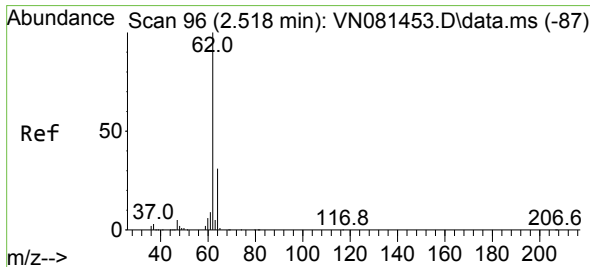
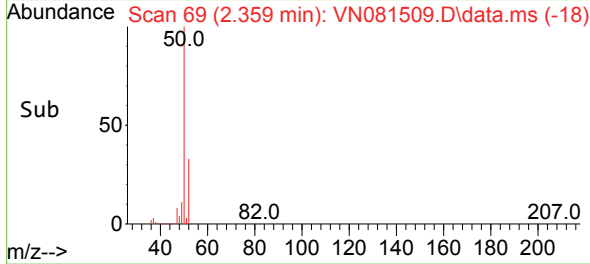
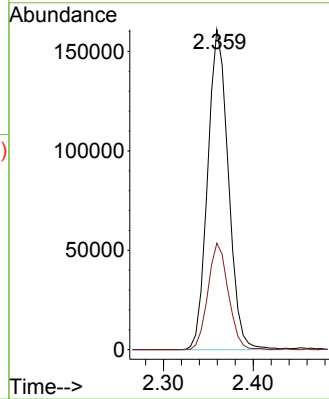
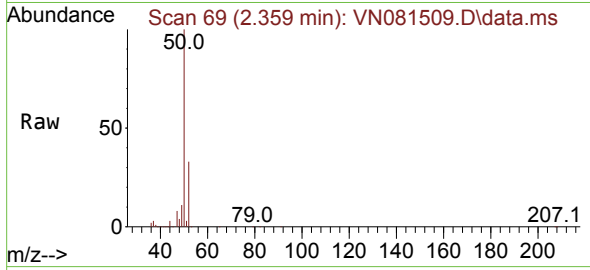




#3
Chloromethane
Concen: 41.944 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

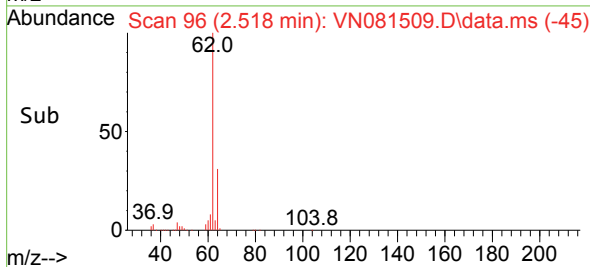
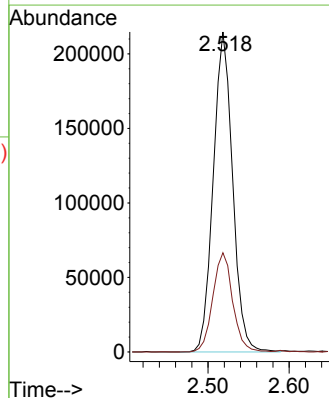
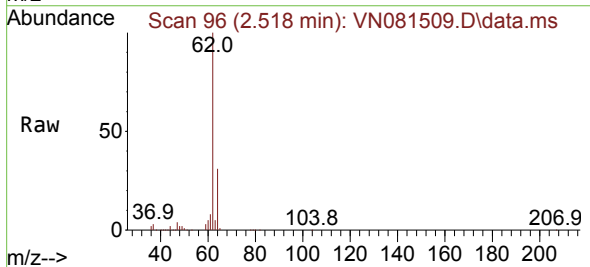
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

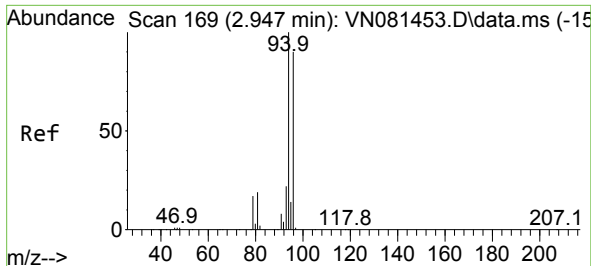
Tgt Ion: 50 Resp: 258083
Ion Ratio Lower Upper
50 100
52 33.2 25.0 37.4



#4
Vinyl Chloride
Concen: 51.561 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 62 Resp: 356048
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1

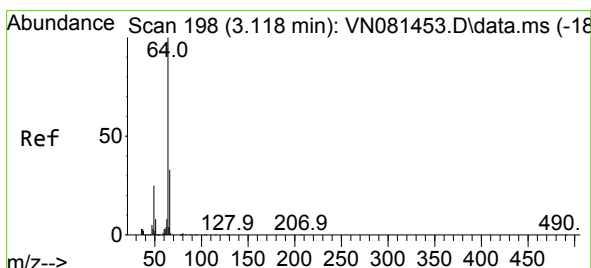
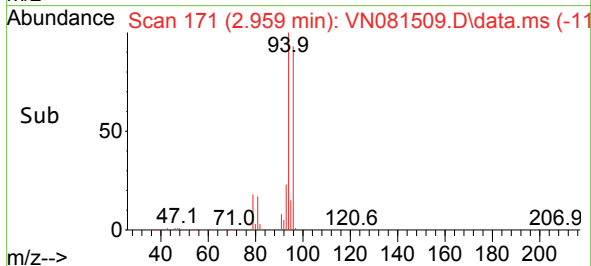
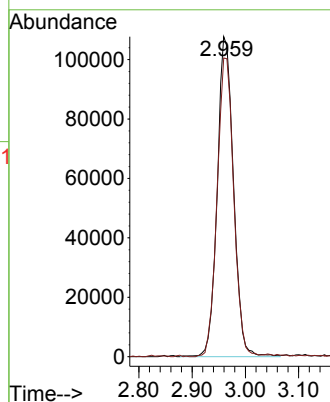
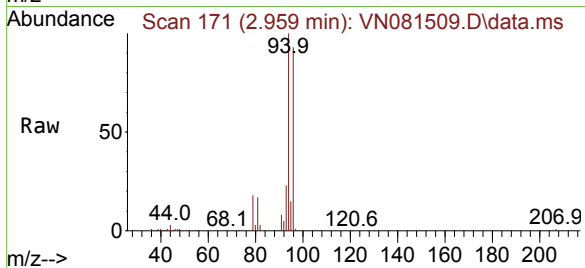




#5
Bromomethane
Concen: 46.774 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

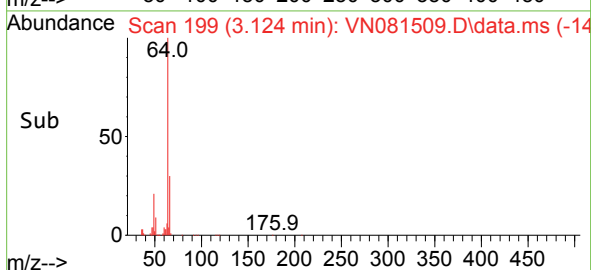
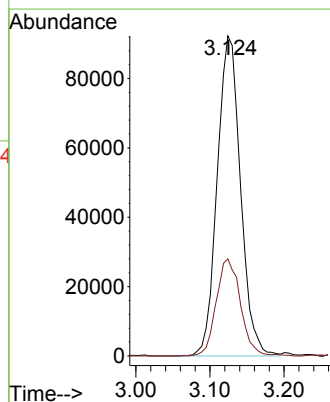
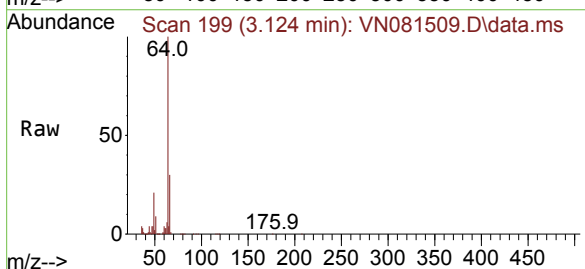
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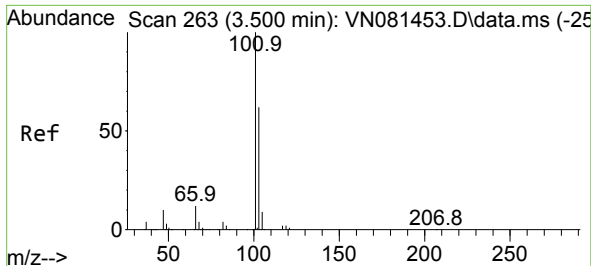
Tgt Ion: 94 Resp: 228424
Ion Ratio Lower Upper
94 100
96 92.9 69.2 103.8



#6
Chloroethane
Concen: 42.530 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 64 Resp: 201645
Ion Ratio Lower Upper
64 100
66 30.4 26.4 39.6

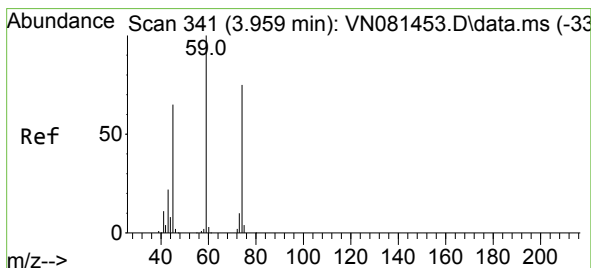
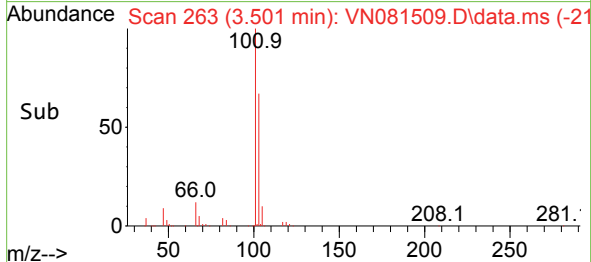
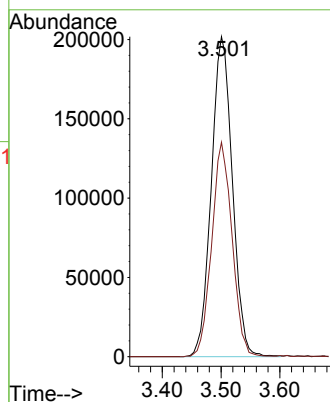
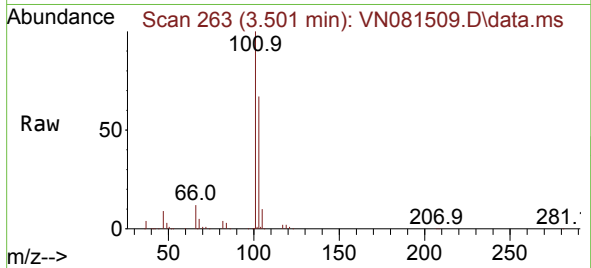




#7
Trichlorofluoromethane
Concen: 48.774 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

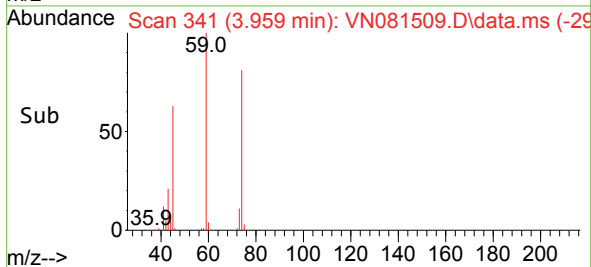
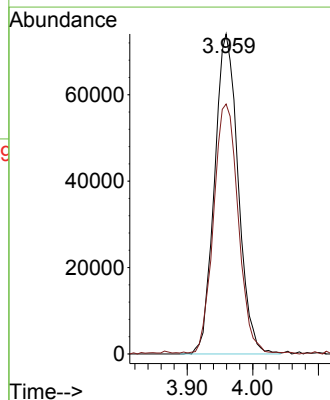
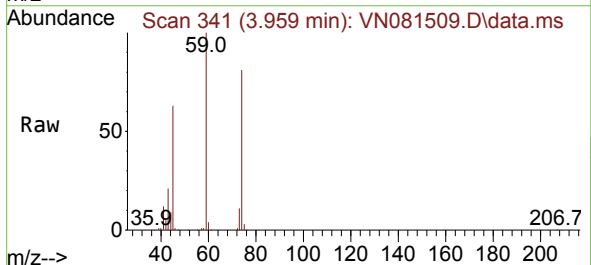
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

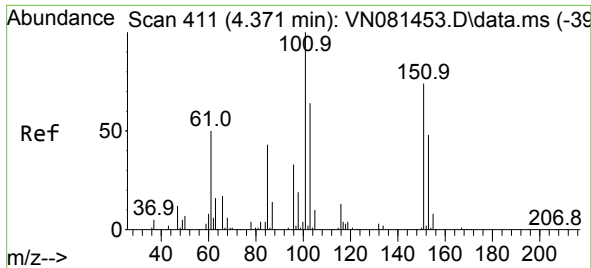
Tgt Ion:101 Resp: 501959
Ion Ratio Lower Upper
101 100
103 67.0 54.4 81.6



#8
Diethyl Ether
Concen: 54.337 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 74 Resp: 185068
Ion Ratio Lower Upper
74 100
45 81.0 53.3 159.9

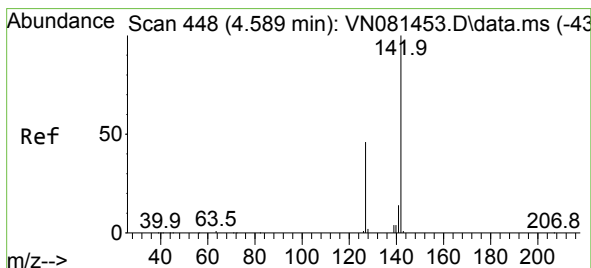
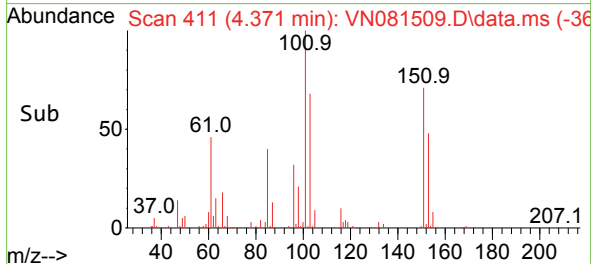
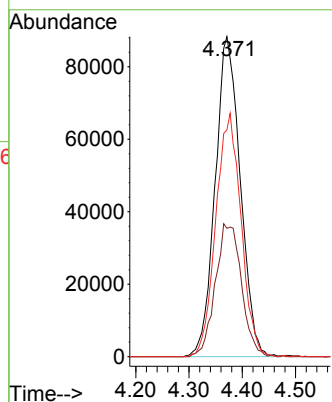
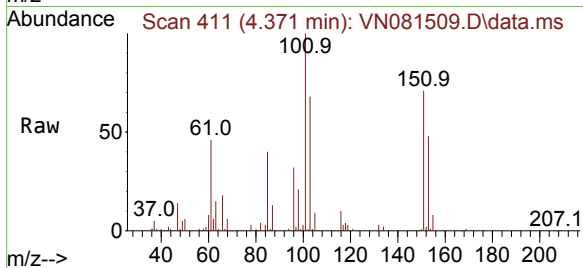




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.458 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

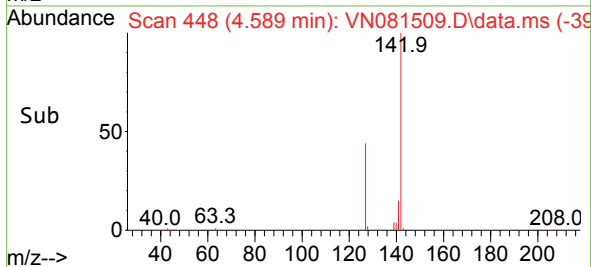
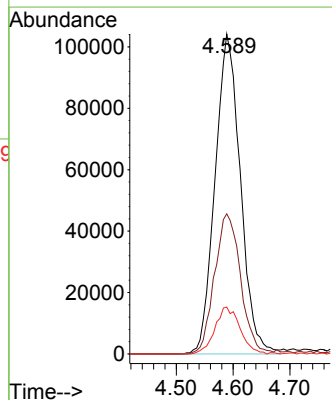
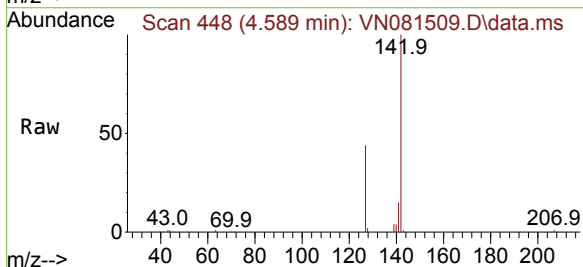
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

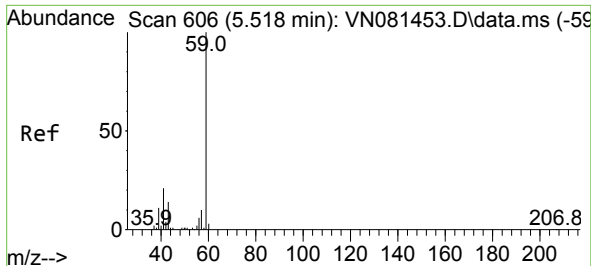
Tgt Ion:101 Resp: 289214
Ion Ratio Lower Upper
101 100
85 43.2 38.1 57.1
151 76.4 49.1 73.7#



#10
Methyl Iodide
Concen: 55.350 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:142 Resp: 322324
Ion Ratio Lower Upper
142 100
127 43.8 37.0 55.4
141 14.7 12.5 18.7

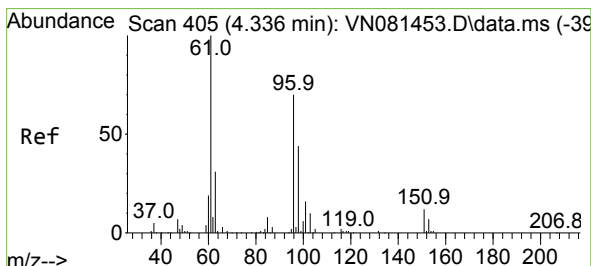
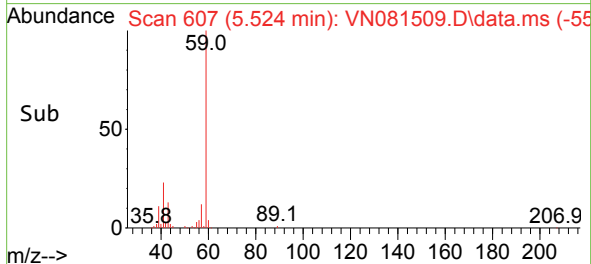
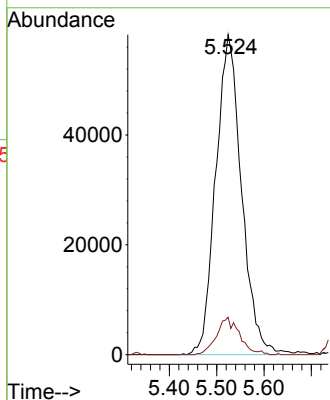
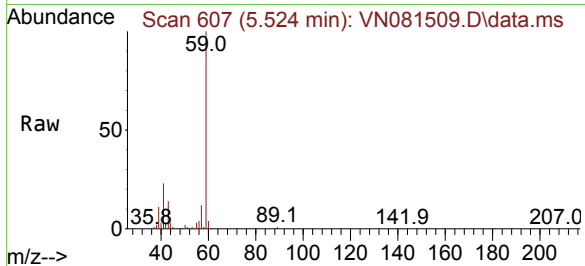




#11
Tert butyl alcohol
Concen: 215.239 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

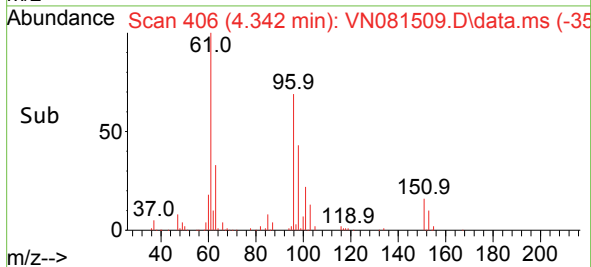
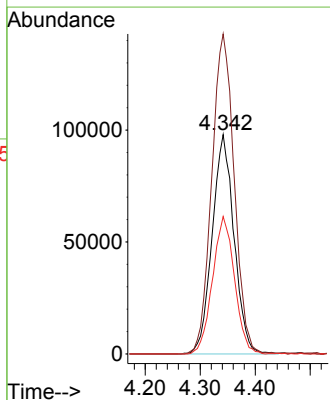
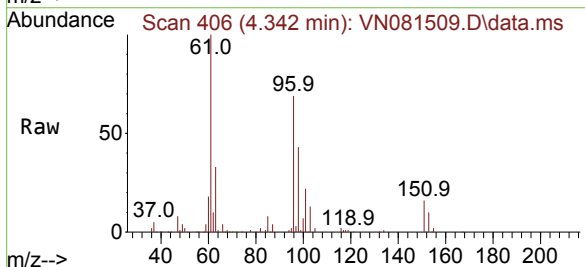
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

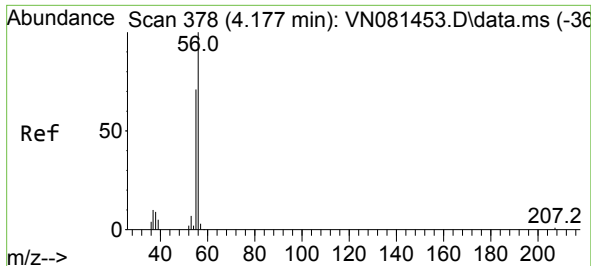
Tgt Ion: 59 Resp: 219544
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.991 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 96 Resp: 270778
Ion Ratio Lower Upper
96 100
61 145.9 138.2 207.4
98 62.7 49.2 73.8

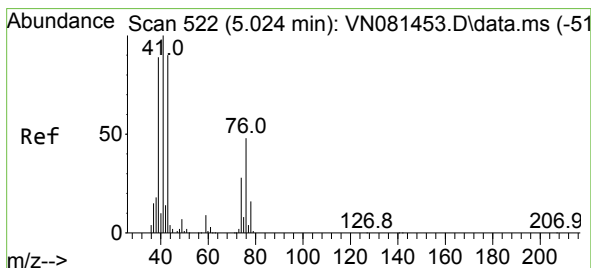
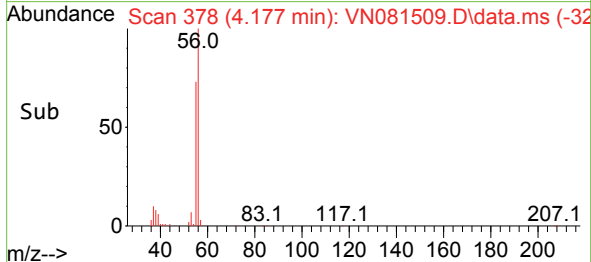
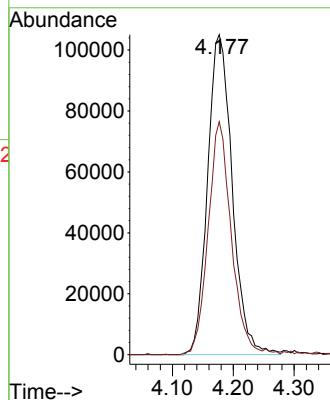
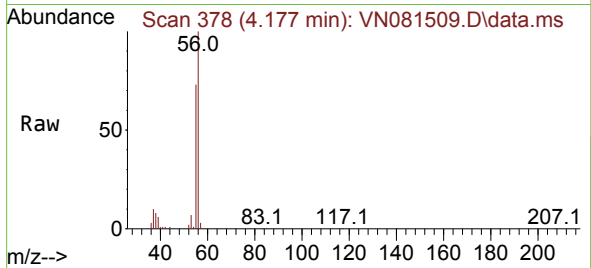




#13
Acrolein
Concen: 323.201 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

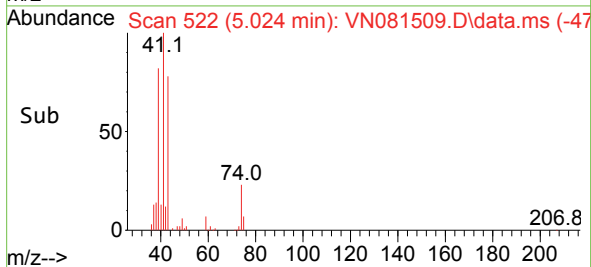
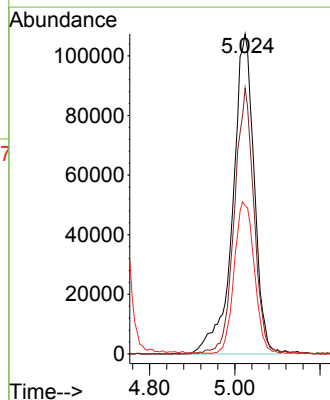
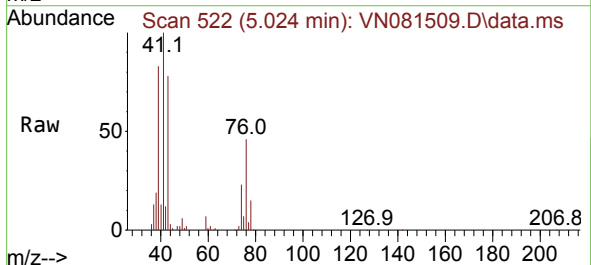
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

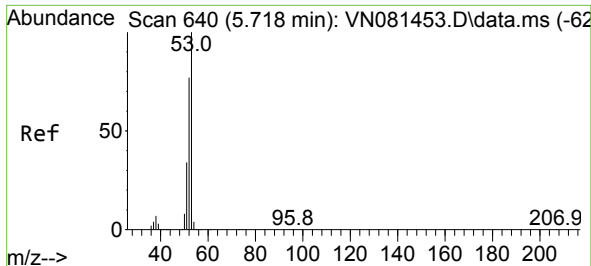
Tgt Ion: 56 Resp: 295816
Ion Ratio Lower Upper
56 100
55 68.6 55.3 82.9



#14
Allyl chloride
Concen: 55.132 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 41 Resp: 374199
Ion Ratio Lower Upper
41 100
39 76.3 57.7 86.5
76 44.2 26.8 40.2#

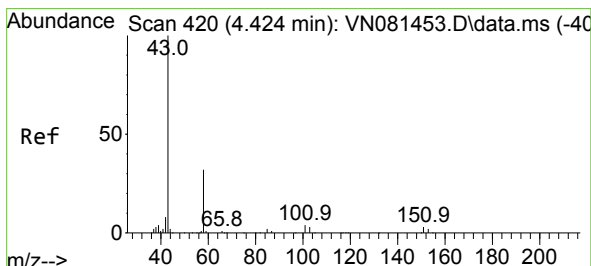
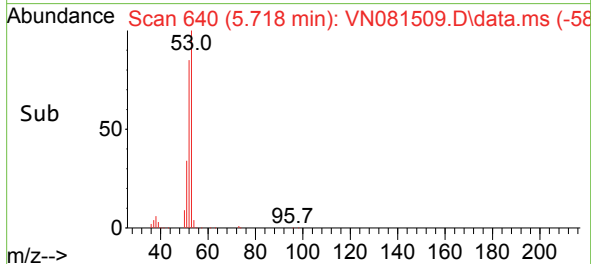
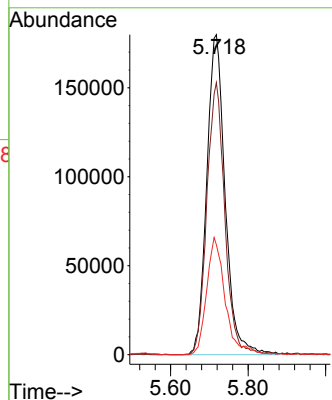
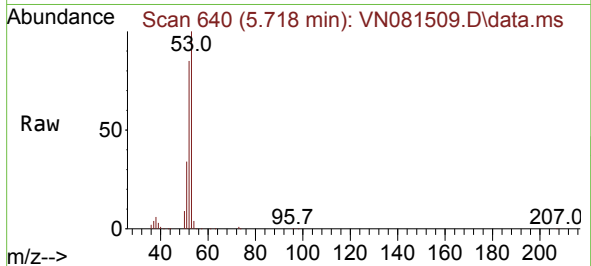




#15
Acrylonitrile
Concen: 217.138 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

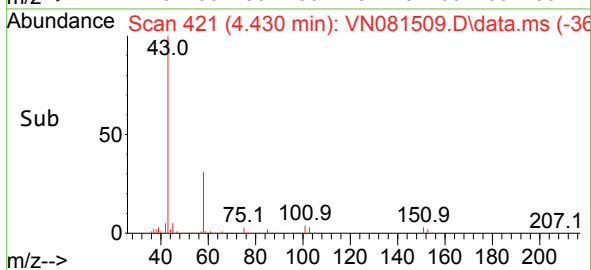
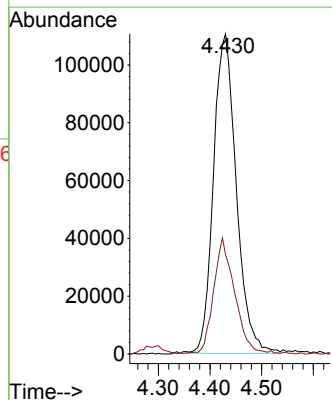
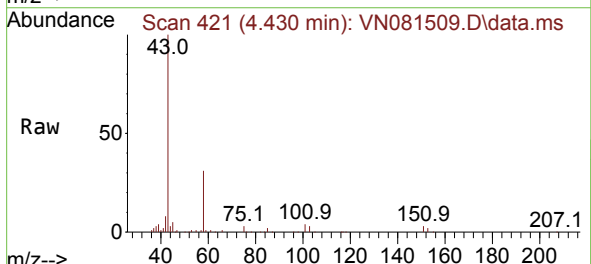
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

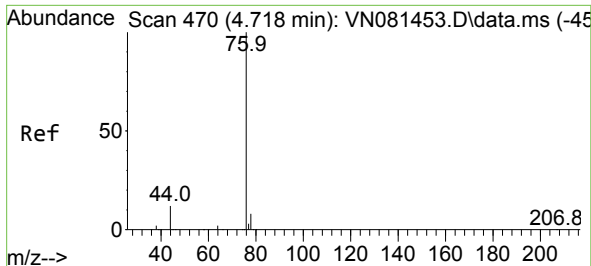
Tgt Ion: 53 Resp: 592518
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.9 26.9 40.3



#16
Acetone
Concen: 179.789 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 43 Resp: 340082
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

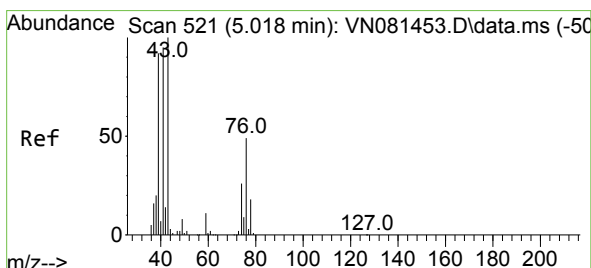
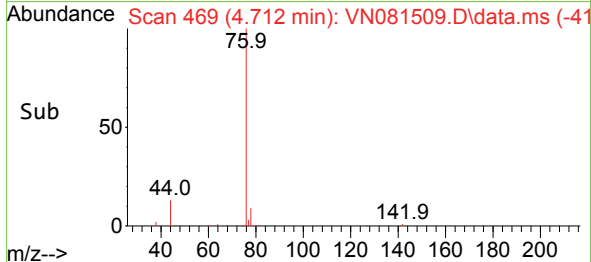
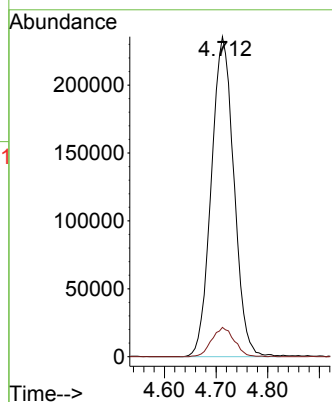
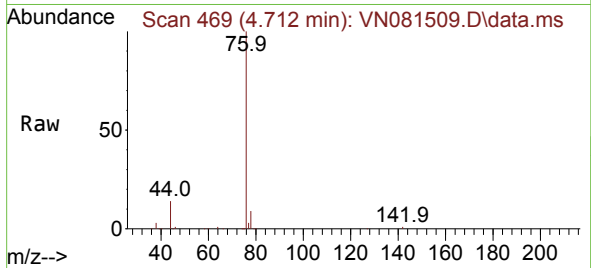




#17
Carbon Disulfide
Concen: 46.130 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

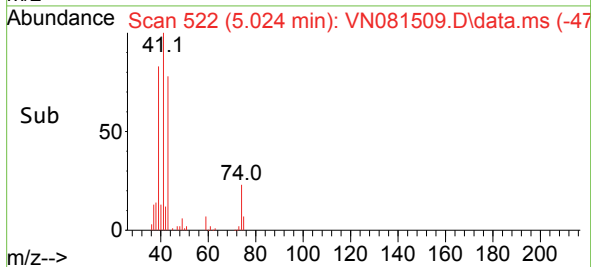
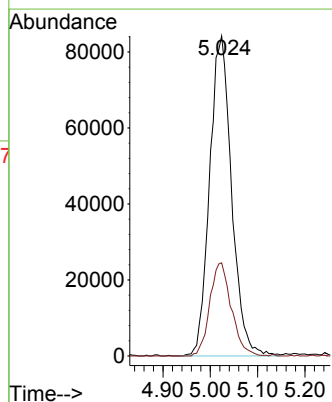
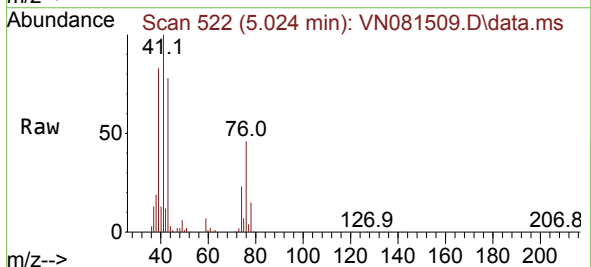
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

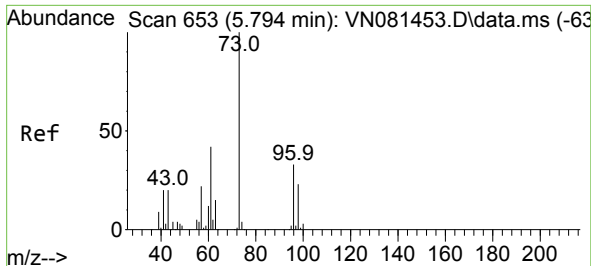
Tgt Ion: 76 Resp: 717033
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5



#18
Methyl Acetate
Concen: 46.530 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 43 Resp: 271348
Ion Ratio Lower Upper
43 100
74 28.5 17.3 25.9#

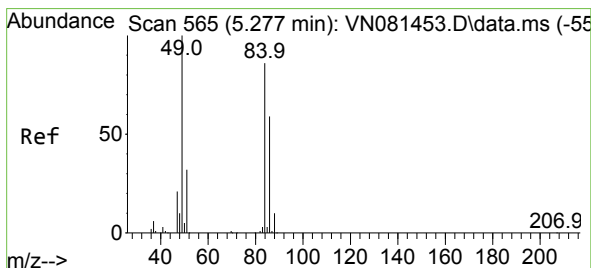
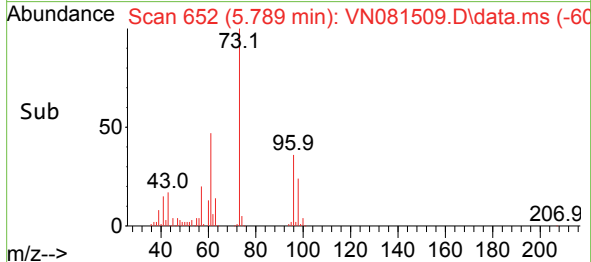
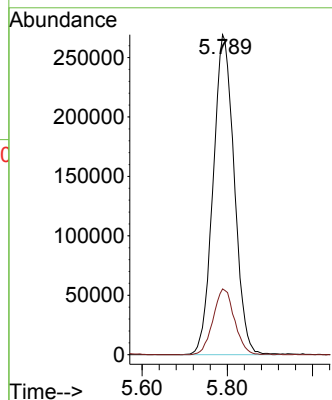
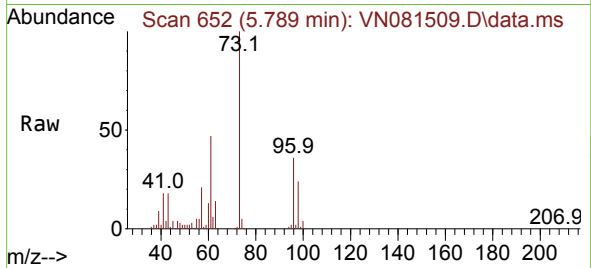




#19
Methyl tert-butyl Ether
Concen: 54.592 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

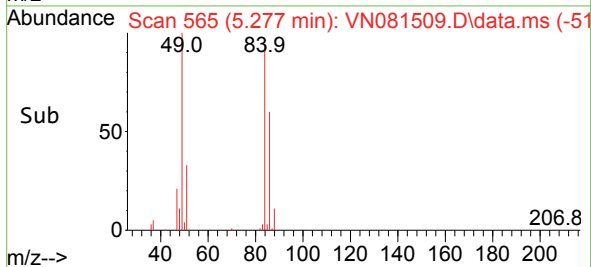
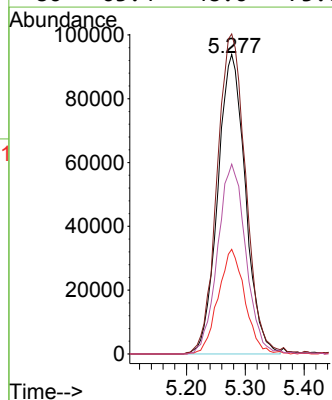
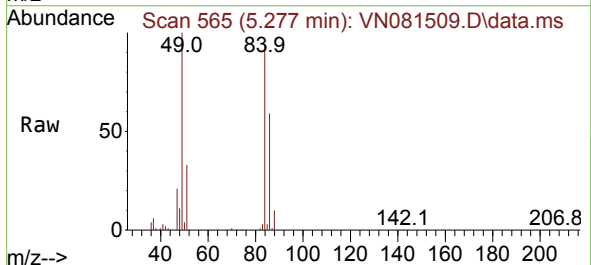
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

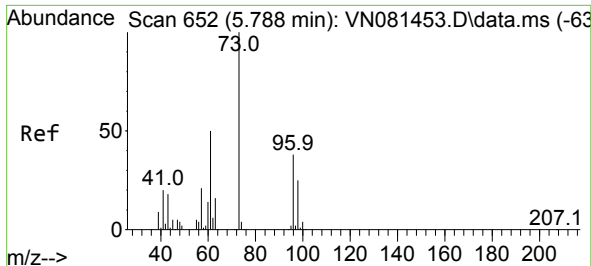
Tgt Ion: 73 Resp: 925432
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4



#20
Methylene Chloride
Concen: 49.446 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 84 Resp: 306375
Ion Ratio Lower Upper
84 100
49 106.9 108.1 162.1#
51 34.9 32.9 49.3
86 63.4 48.6 73.0

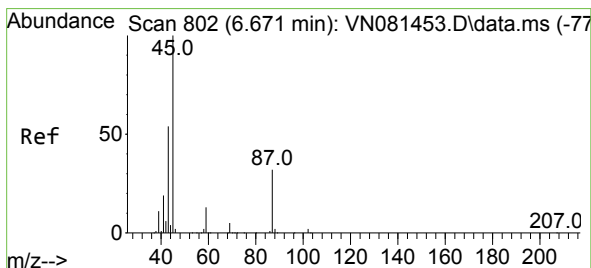
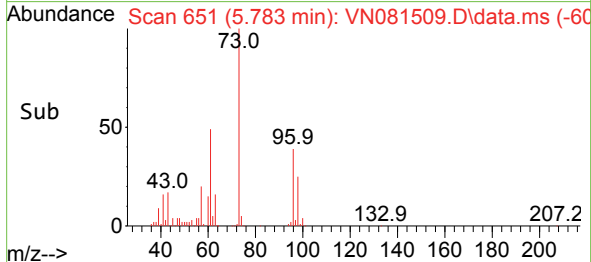
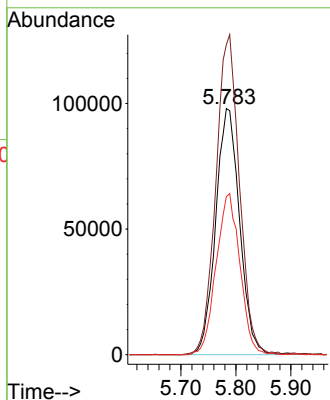
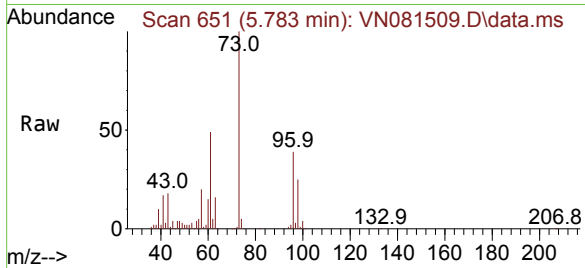




#21
trans-1,2-Dichloroethene
Concen: 49.047 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

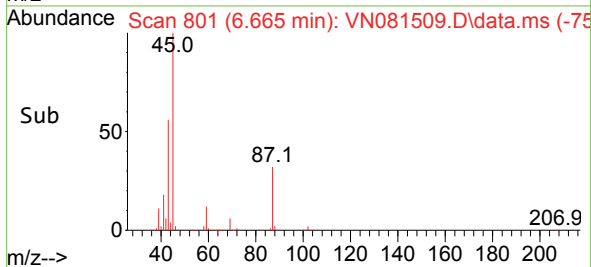
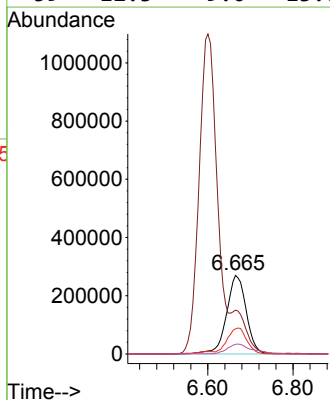
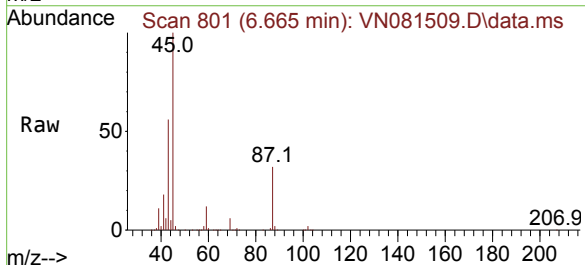
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

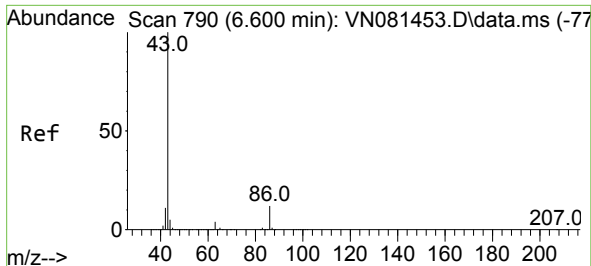
Tgt Ion: 96 Resp: 296213
Ion Ratio Lower Upper
96 100
61 126.0 112.8 169.2
98 64.3 51.0 76.4



#22
Diisopropyl ether
Concen: 54.708 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 45 Resp: 862771
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 31.8 18.1 27.1#
59 12.3 9.0 13.6

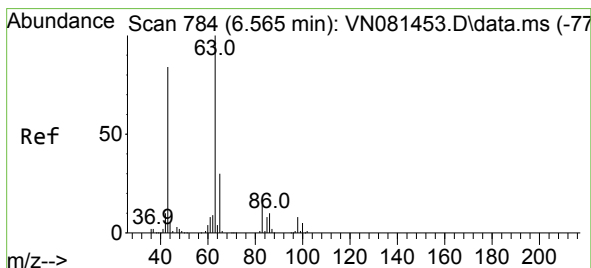
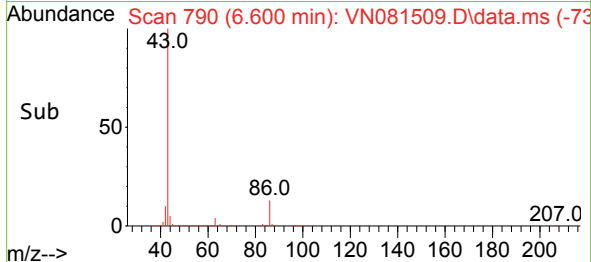
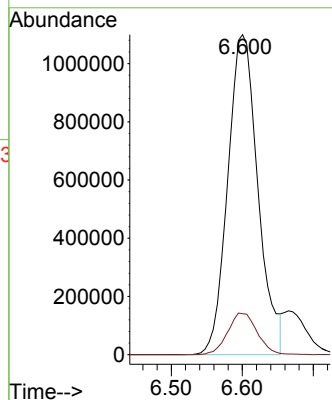
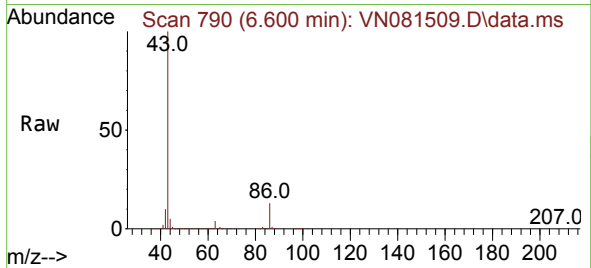




#23
 Vinyl Acetate
 Concen: 259.222 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

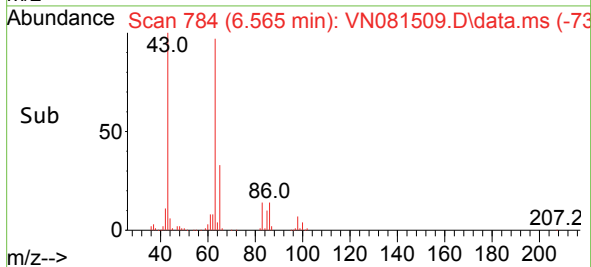
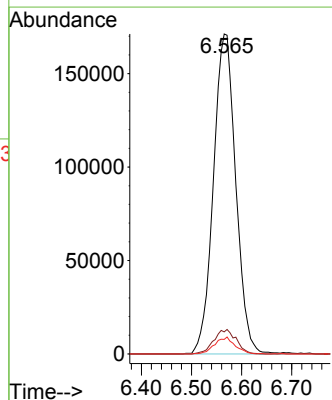
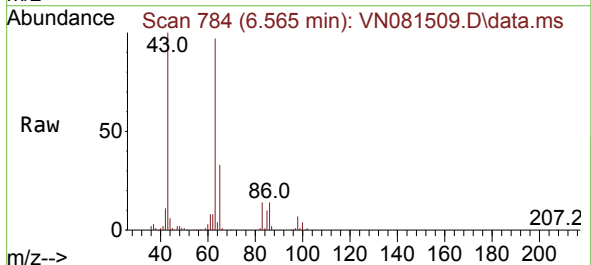
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

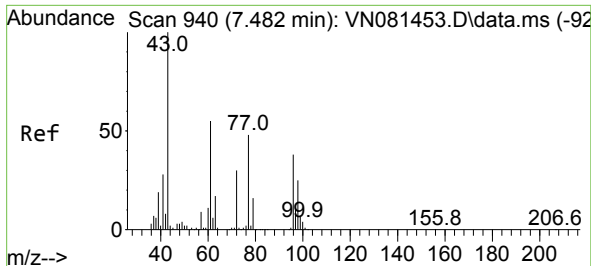
Tgt Ion: 43 Resp: 3253986
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.233 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

Tgt Ion: 63 Resp: 530592
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 4.5 1.9 5.7





#25

2-Butanone

Concen: 202.908 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

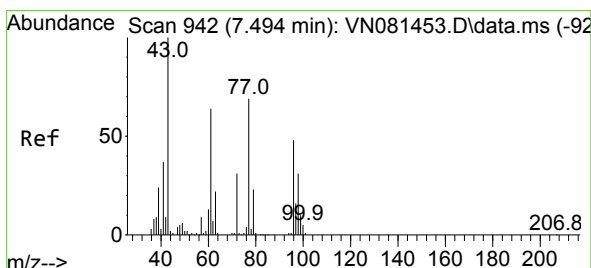
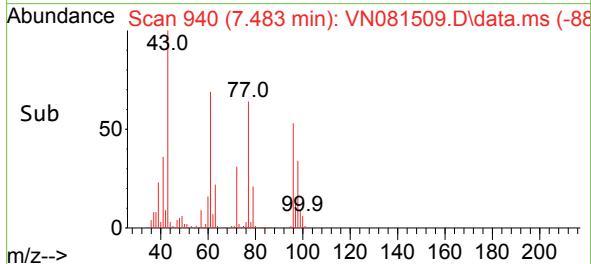
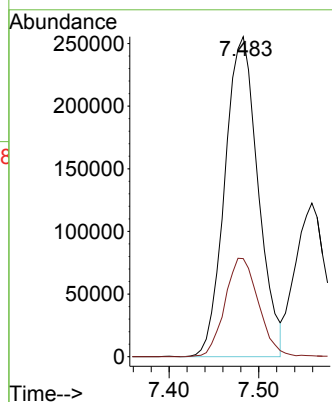
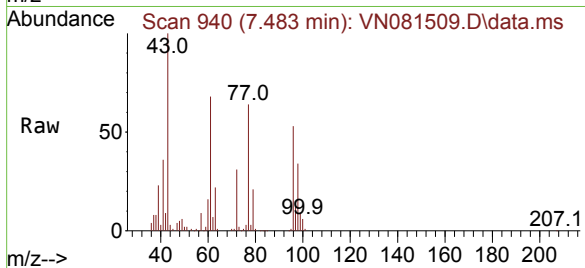
VSTDCCC050

Tgt Ion: 43 Resp: 658319

Ion Ratio Lower Upper

43 100

72 30.7 19.5 29.3#



#26

2,2-Dichloropropane

Concen: 53.621 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN081509.D

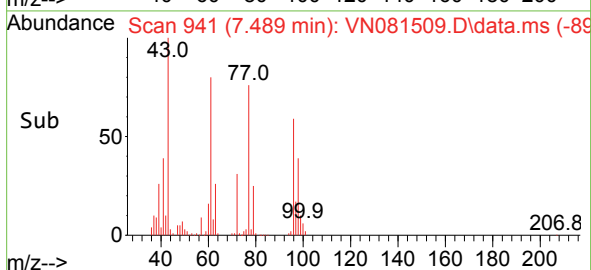
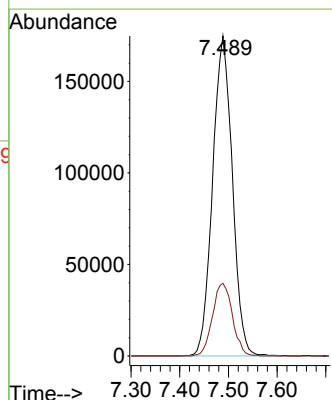
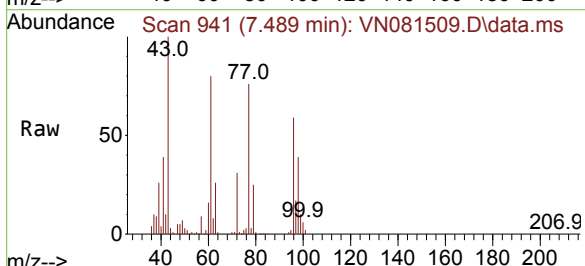
Acq: 21 Mar 2024 10:44

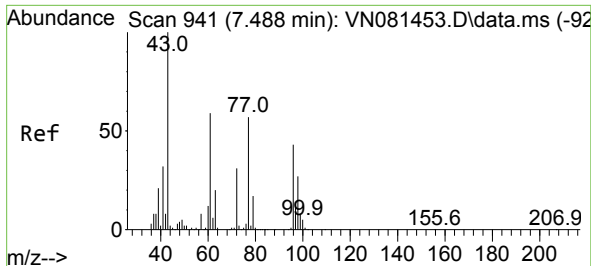
Tgt Ion: 77 Resp: 491241

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5

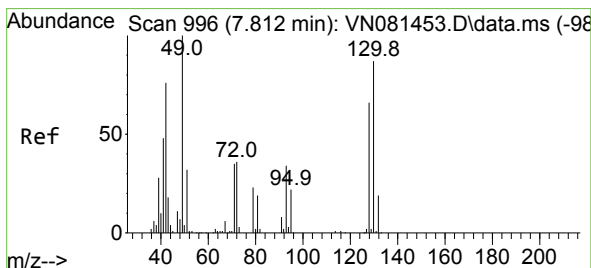
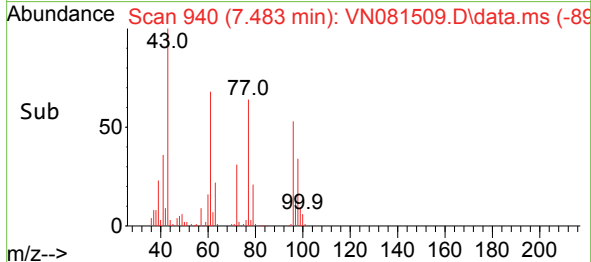
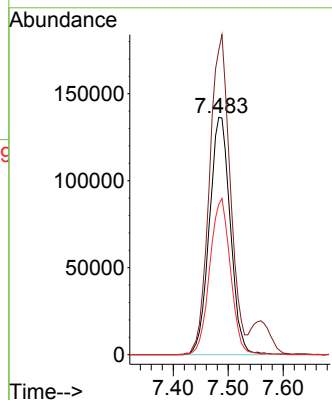
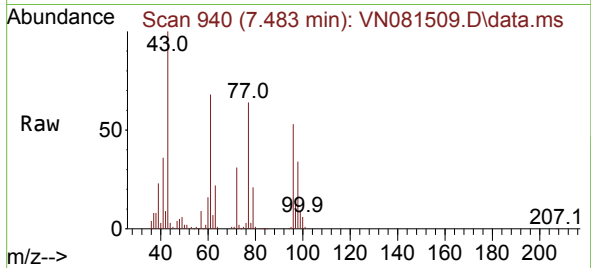




#27
 cis-1,2-Dichloroethene
 Concen: 53.023 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

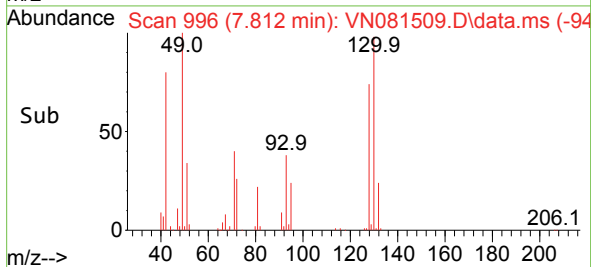
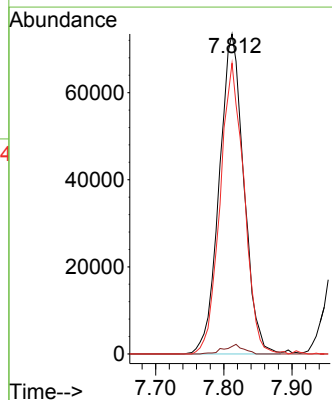
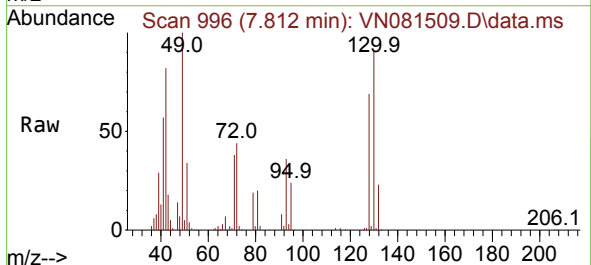
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

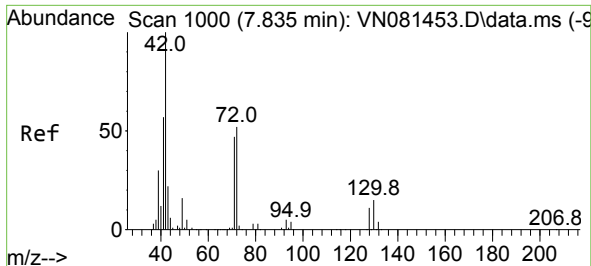
Tgt Ion: 96 Resp: 362319
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 325.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 42.864 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

Tgt Ion: 49 Resp: 184414
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 88.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 208.325 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

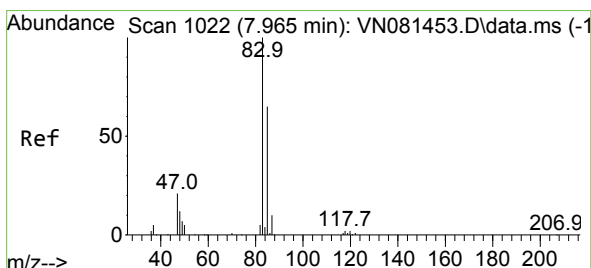
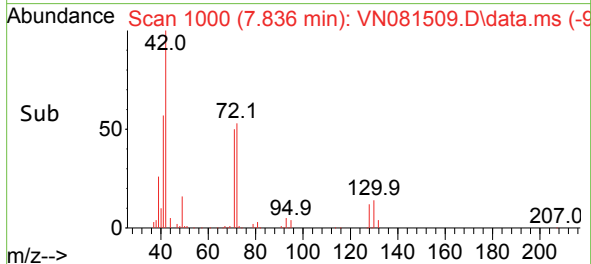
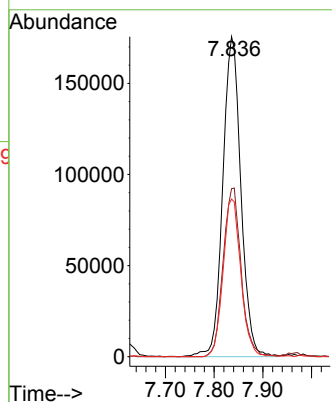
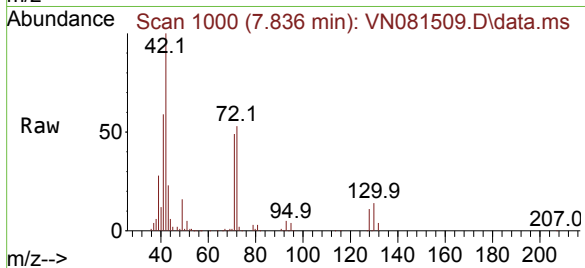
Tgt Ion: 42 Resp: 455328

Ion Ratio Lower Upper

42 100

72 52.3 31.1 46.7#

71 48.3 28.3 42.5#



#30

Chloroform

Concen: 51.634 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081509.D

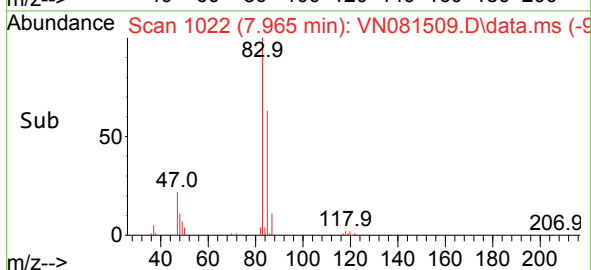
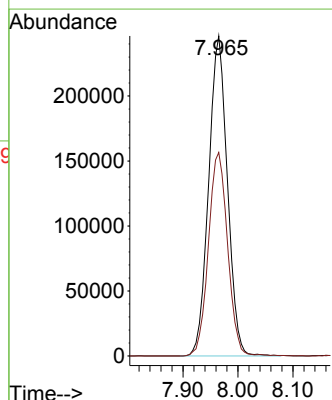
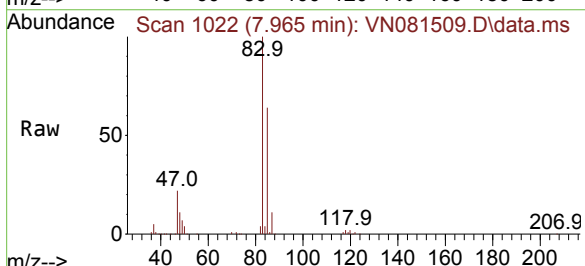
Acq: 21 Mar 2024 10:44

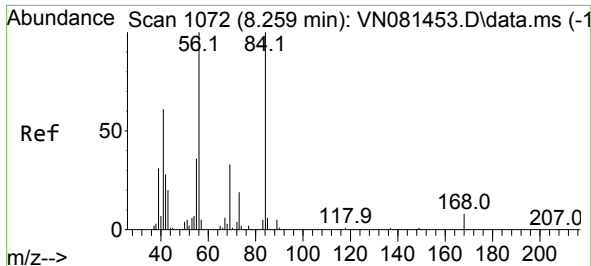
Tgt Ion: 83 Resp: 583858

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

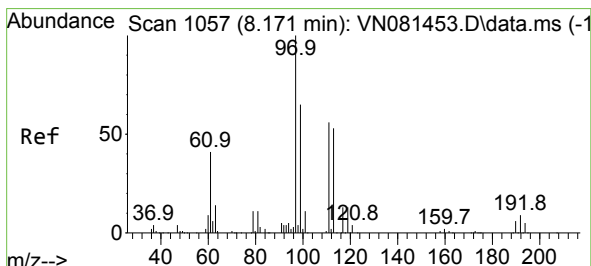
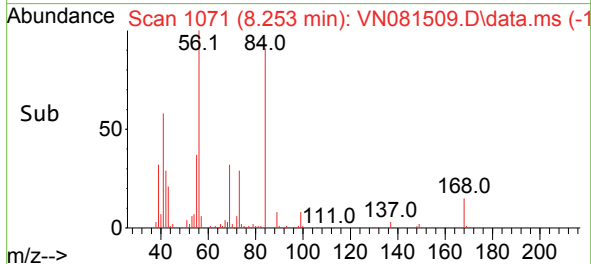
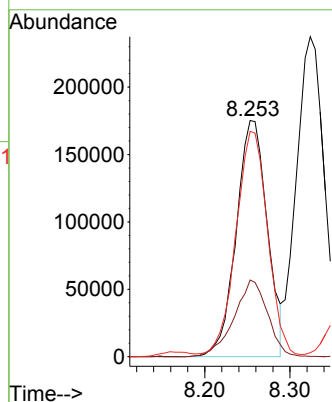
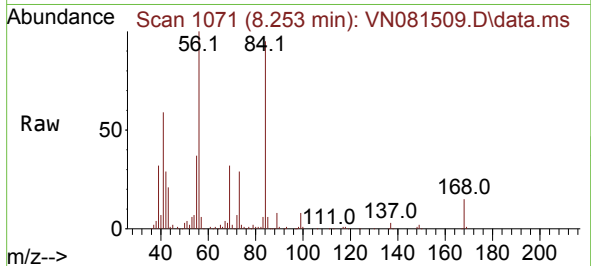




#31
Cyclohexane
Concen: 46.674 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

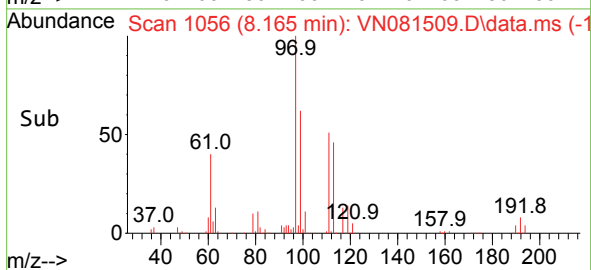
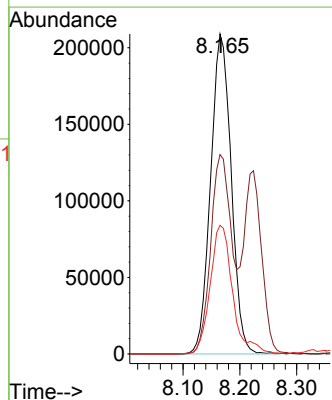
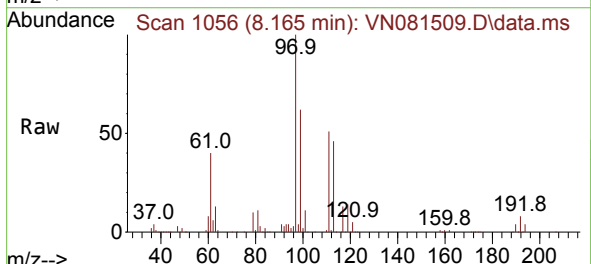
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

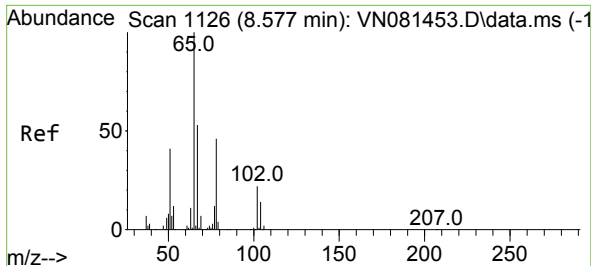
Tgt Ion: 56 Resp: 444549
Ion Ratio Lower Upper
56 100
69 32.4 20.1 30.1#
84 93.5 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 51.188 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 97 Resp: 525136
Ion Ratio Lower Upper
97 100
99 62.4 53.4 80.0
61 43.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.800 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

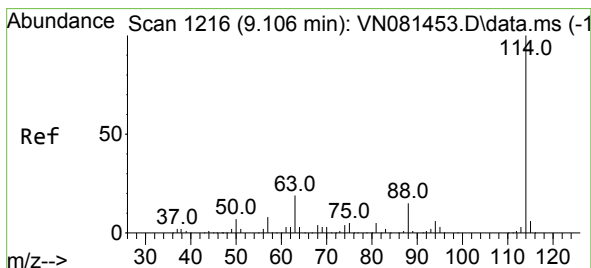
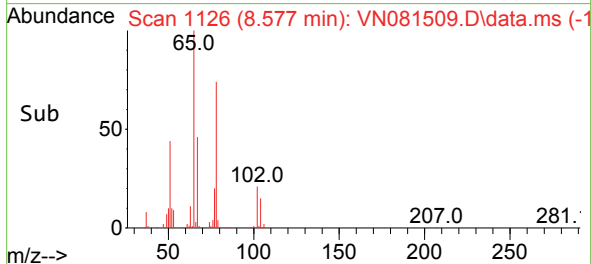
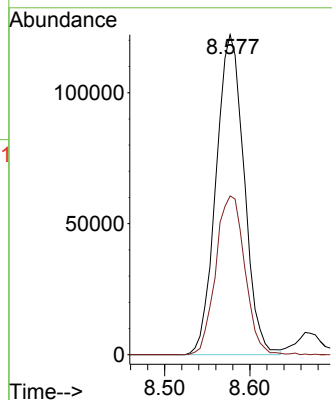
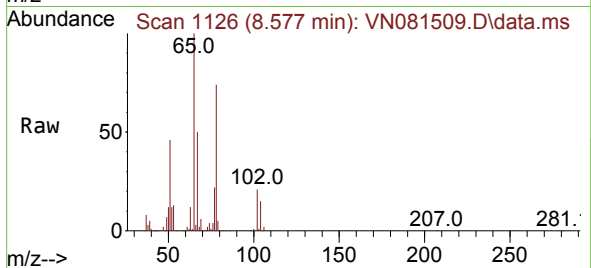
VSTDCCC050

Tgt Ion: 65 Resp: 279778

Ion Ratio Lower Upper

65 100

67 51.4 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: VN081509.D

Acq: 21 Mar 2024 10:44

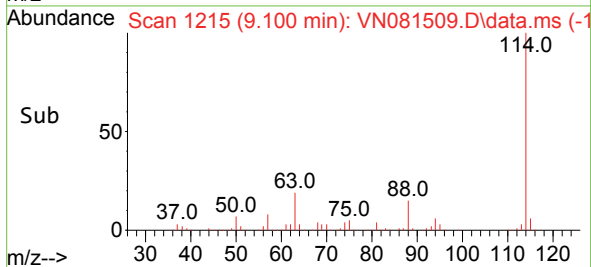
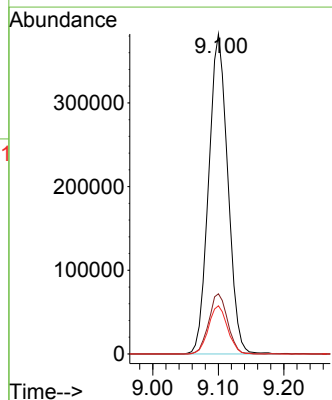
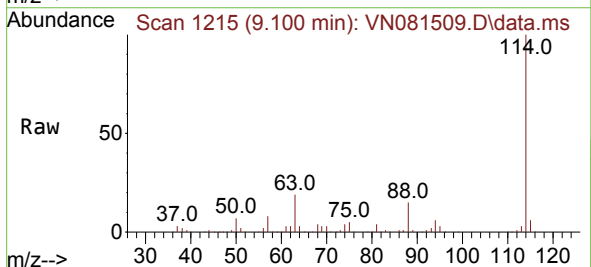
Tgt Ion: 114 Resp: 774409

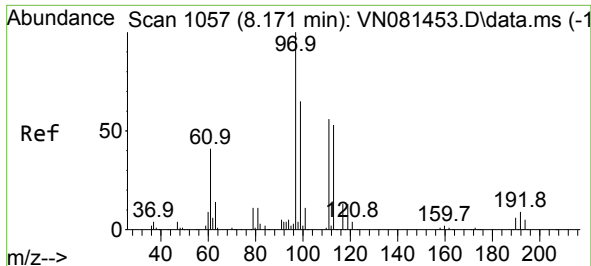
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.1 0.0 34.8

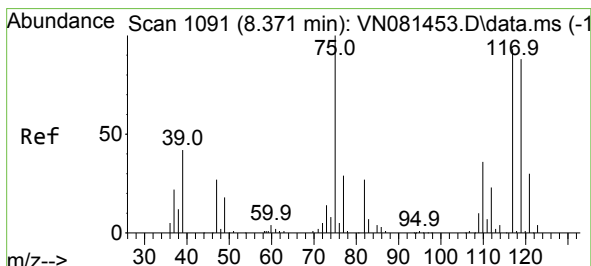
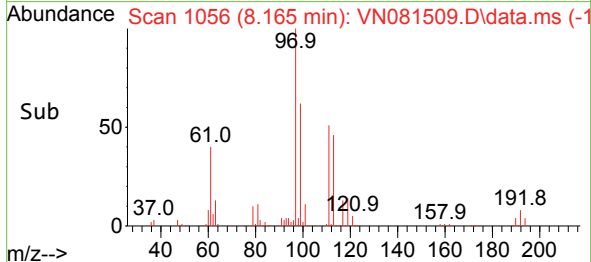
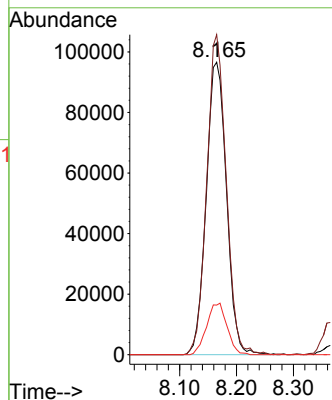
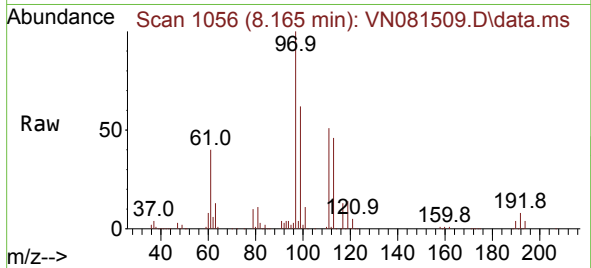




#35
 Dibromofluoromethane
 Concen: 48.915 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

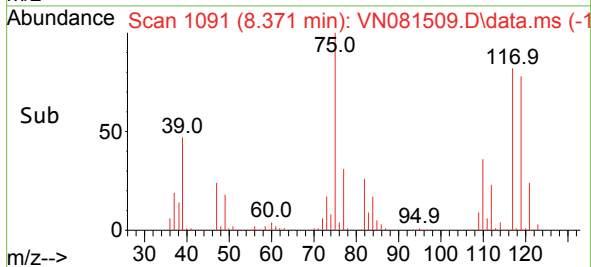
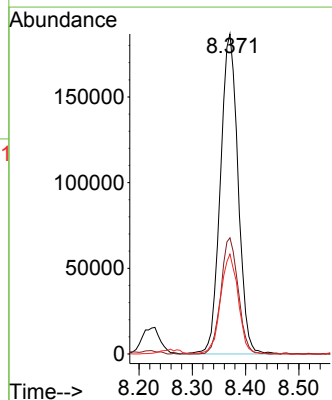
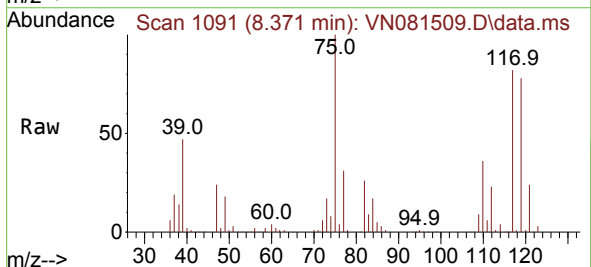
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

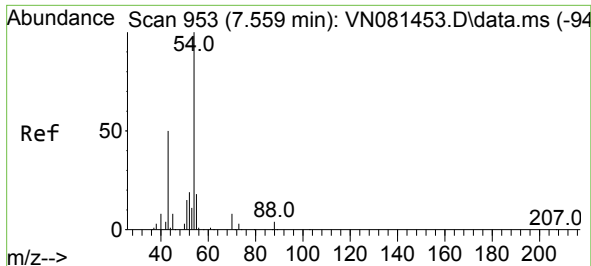
Tgt Ion:113 Resp: 239063
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.2 123.4
 192 17.7 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 52.300 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

Tgt Ion: 75 Resp: 430152
 Ion Ratio Lower Upper
 75 100
 110 35.6 16.0 48.0
 77 31.1 25.8 38.6

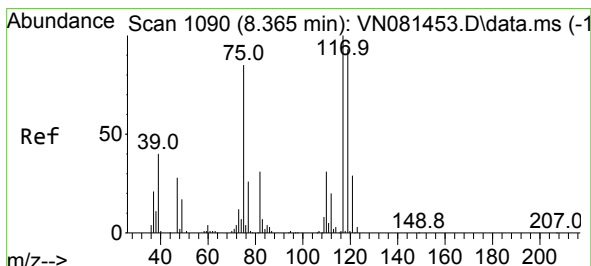
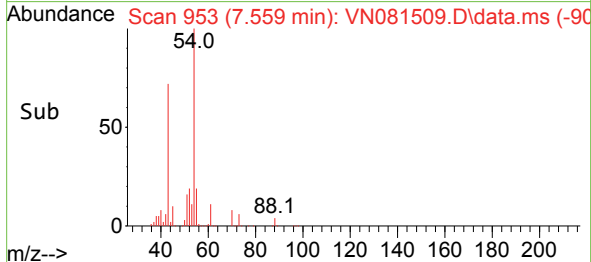
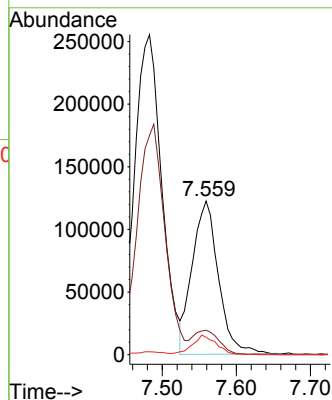
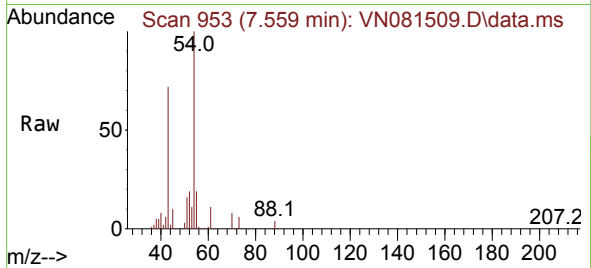




#37
Ethyl Acetate
Concen: 42.772 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

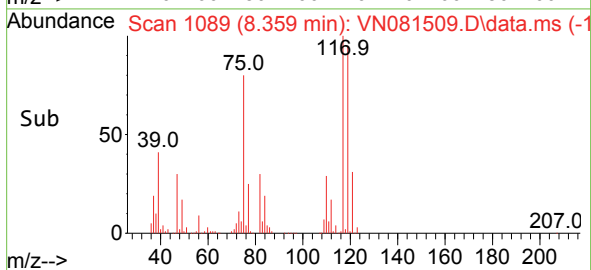
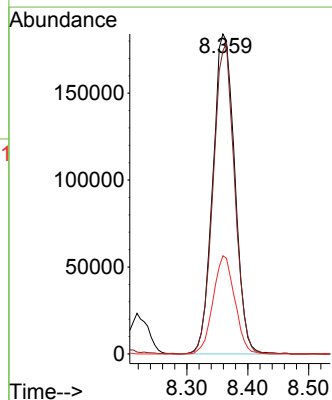
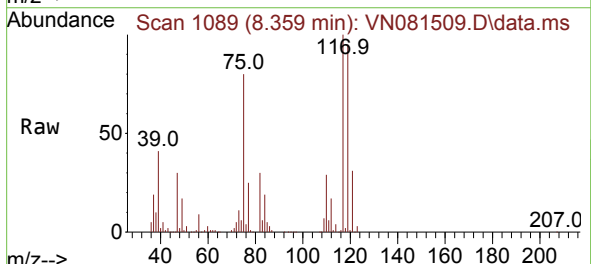
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

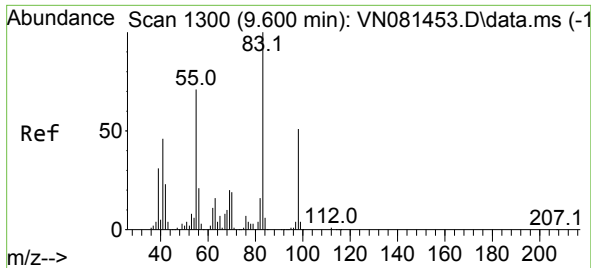
Tgt Ion: 43 Resp: 301239
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 11.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 51.134 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 117 Resp: 460708
Ion Ratio Lower Upper
117 100
119 94.7 73.4 110.2
121 30.7 24.4 36.6

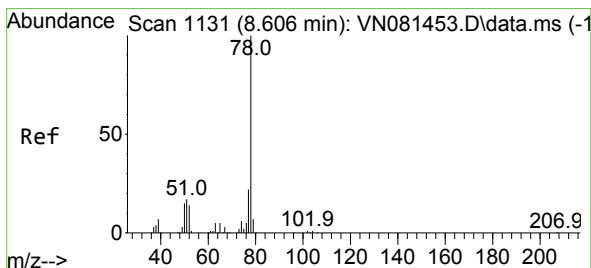
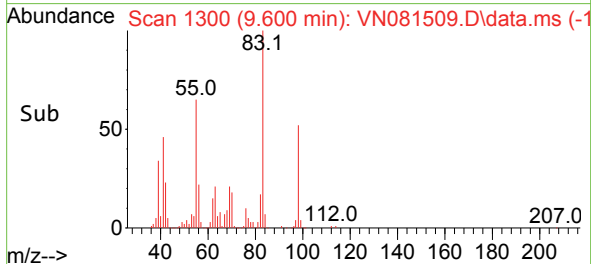
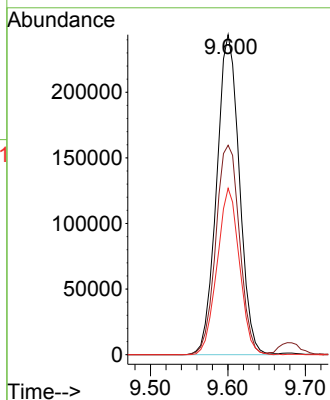
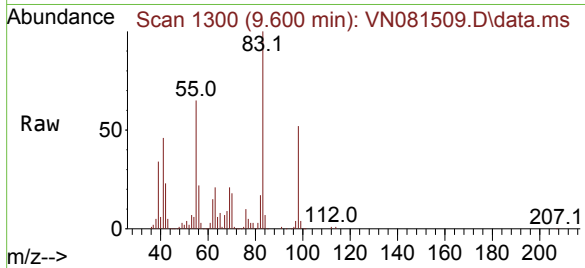




#39
Methylcyclohexane
Concen: 54.010 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

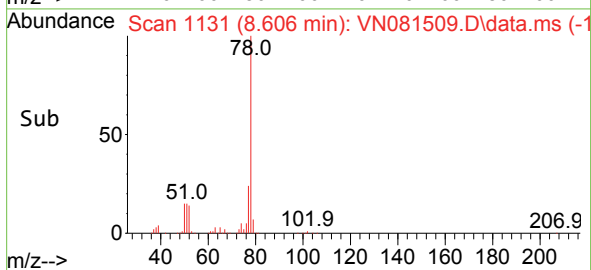
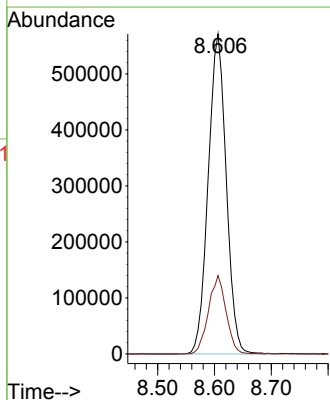
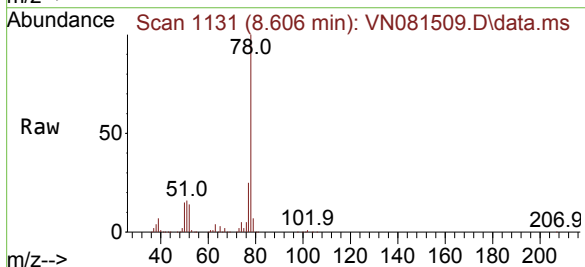
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

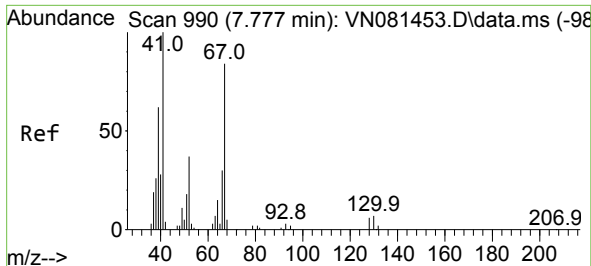
Tgt Ion: 83 Resp: 496076
Ion Ratio Lower Upper
83 100
55 65.5 65.7 98.5#
98 52.0 33.8 50.6#



#40
Benzene
Concen: 52.272 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 78 Resp: 1256925
Ion Ratio Lower Upper
78 100
77 24.5 20.4 30.6

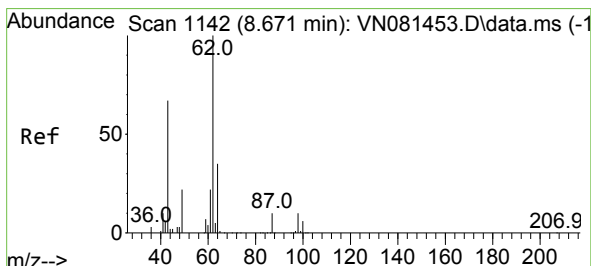
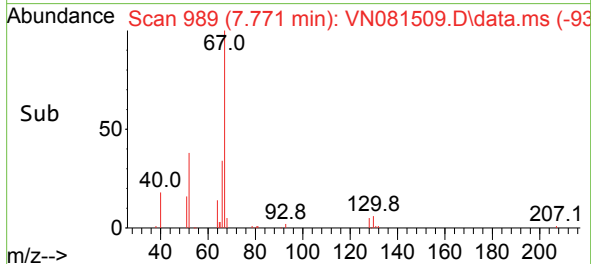
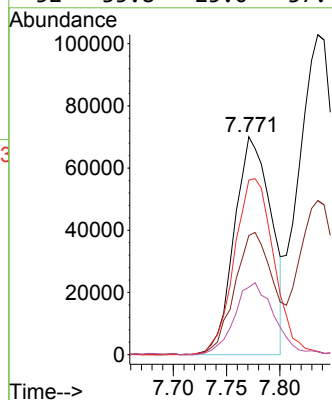
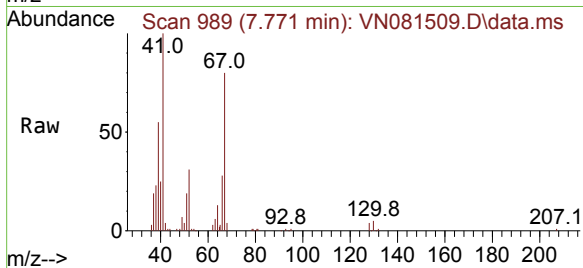




#41
Methacrylonitrile
Concen: 45.436 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

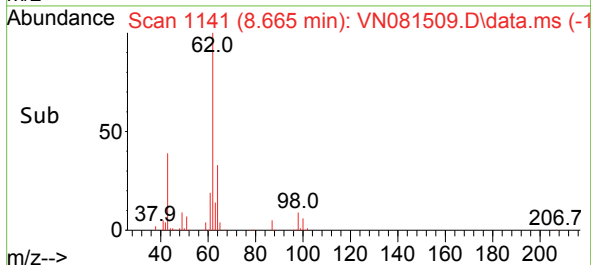
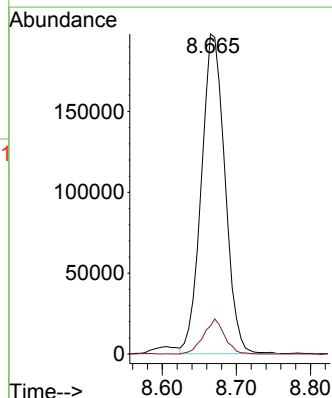
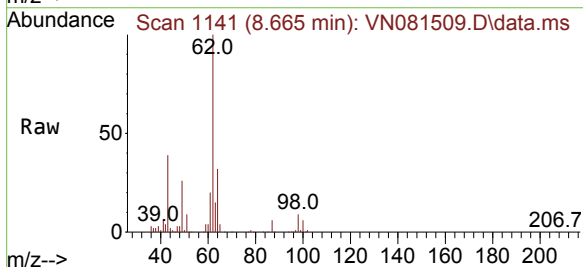
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

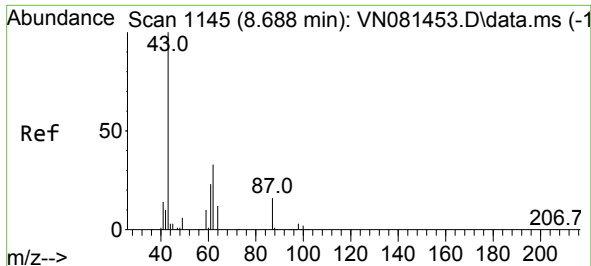
Tgt Ion: 41 Resp: 169229
Ion Ratio Lower Upper
41 100
39 59.9 48.4 72.6
67 87.1 56.8 85.2#
52 35.8 25.0 37.4



#42
1,2-Dichloroethane
Concen: 51.618 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 62 Resp: 436799
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0

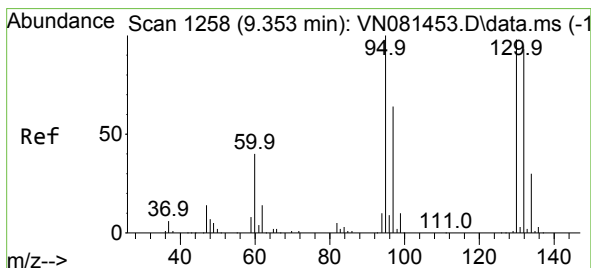
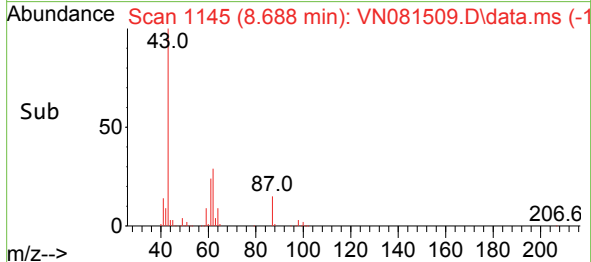
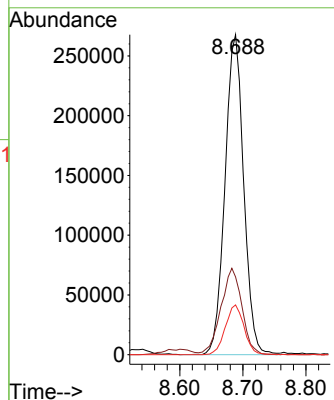
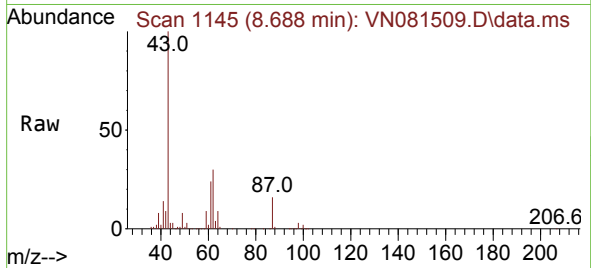




#43
Isopropyl Acetate
Concen: 47.254 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

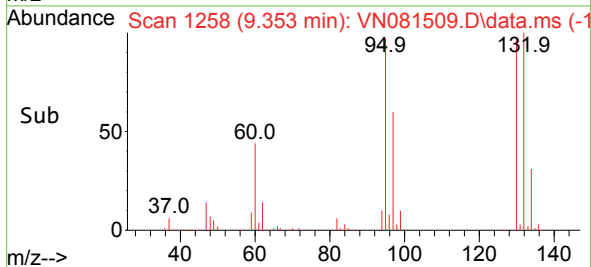
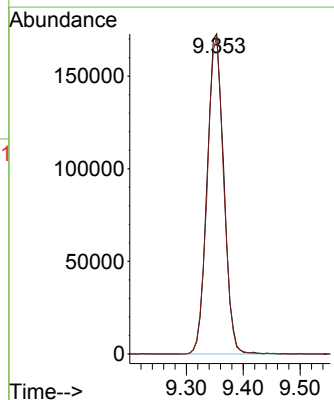
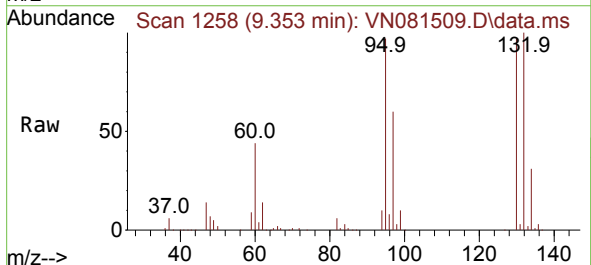
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

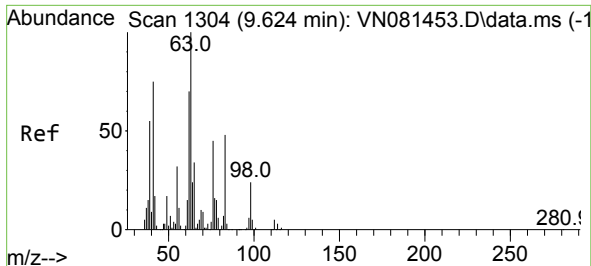
Tgt Ion: 43 Resp: 551654
Ion Ratio Lower Upper
43 100
61 30.4 19.9 29.9#
87 15.5 9.0 13.6#



#44
Trichloroethene
Concen: 51.781 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:130 Resp: 350187
Ion Ratio Lower Upper
130 100
95 99.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.013 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

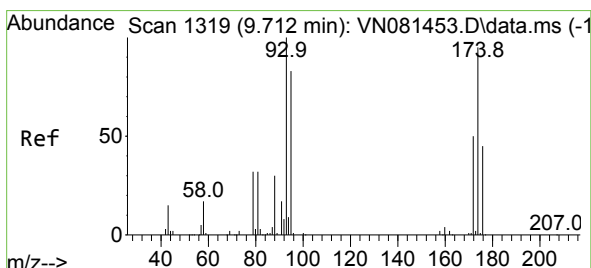
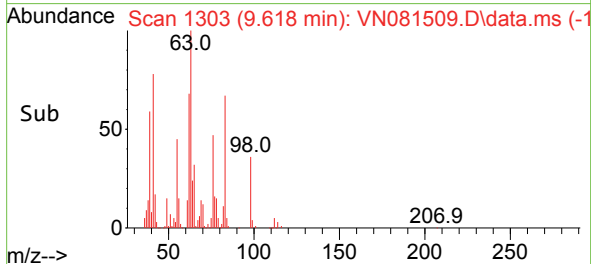
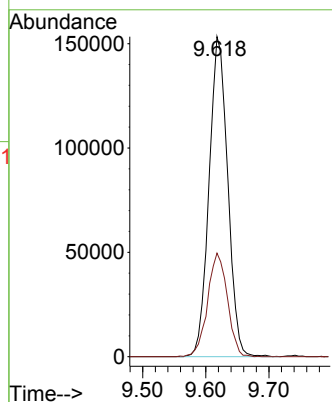
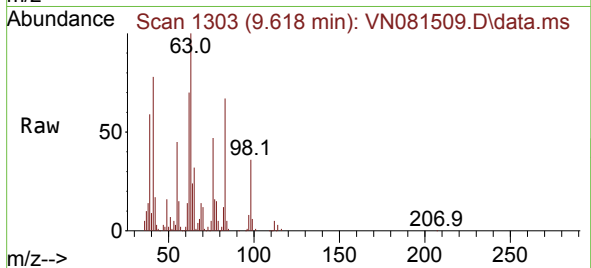
VSTDCCC050

Tgt Ion: 63 Resp: 314764

Ion Ratio Lower Upper

63 100

65 32.4 26.1 39.1



#46

Dibromomethane

Concen: 51.379 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

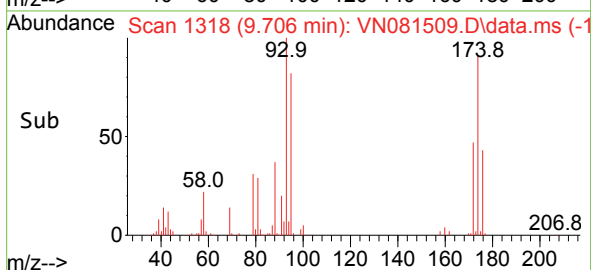
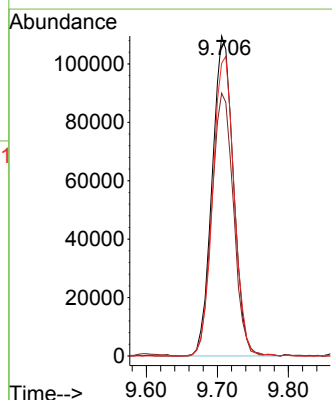
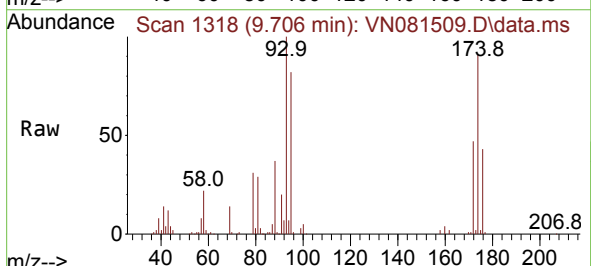
Tgt Ion: 93 Resp: 227383

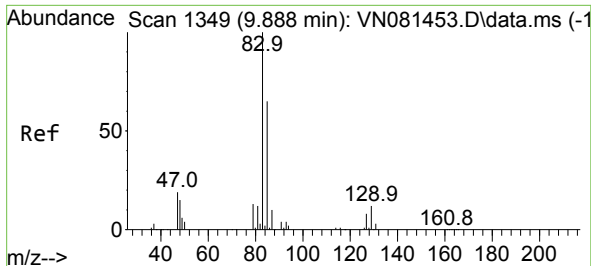
Ion Ratio Lower Upper

93 100

95 83.6 68.1 102.1

174 94.1 57.2 85.8

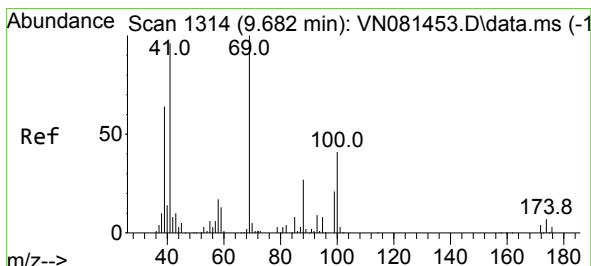
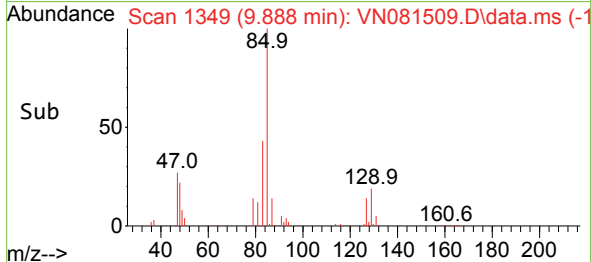
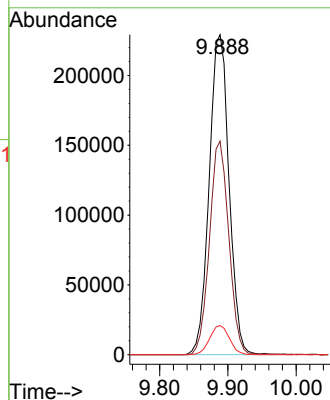
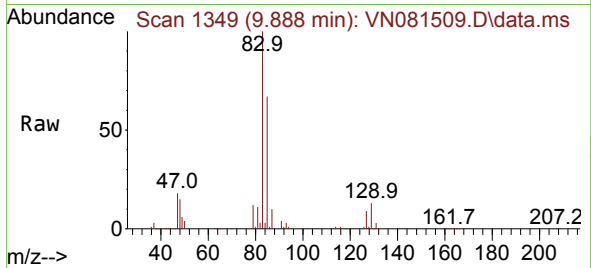




#47
Bromodichloromethane
Concen: 53.634 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

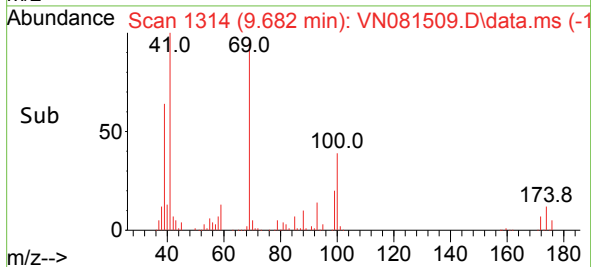
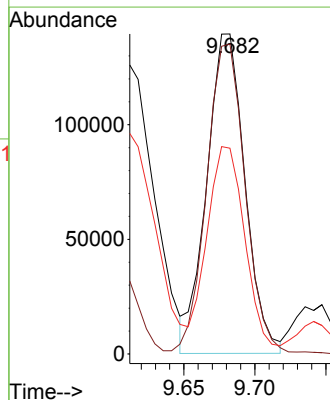
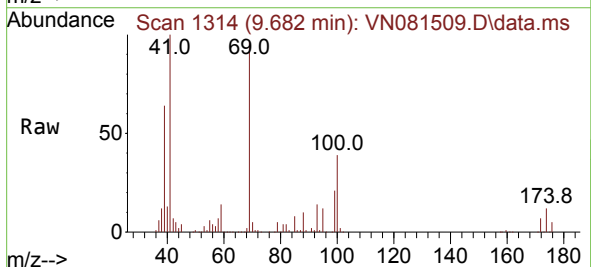
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

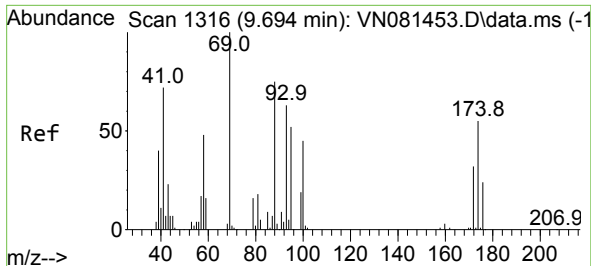
Tgt Ion: 83 Resp: 464081
Ion Ratio Lower Upper
83 100
85 66.7 52.3 78.5
127 9.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 48.511 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 41 Resp: 261212
Ion Ratio Lower Upper
41 100
69 98.0 62.2 93.2#
39 64.6 47.6 71.4





#49

1,4-Dioxane

Concen: 688.863 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

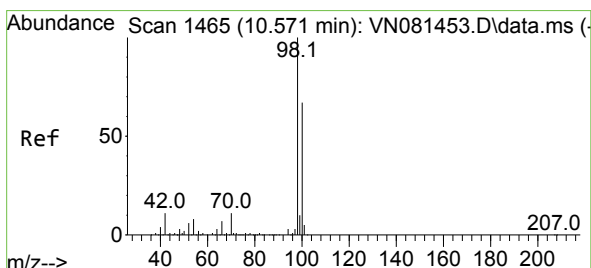
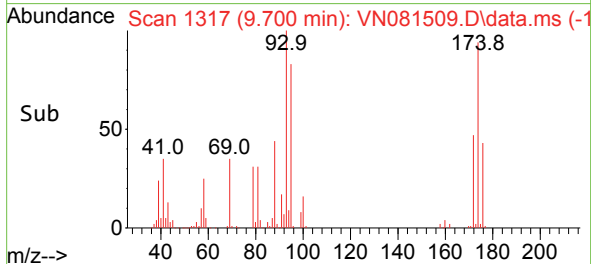
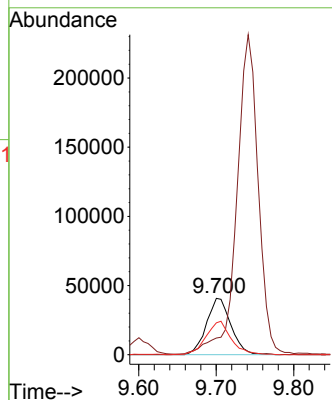
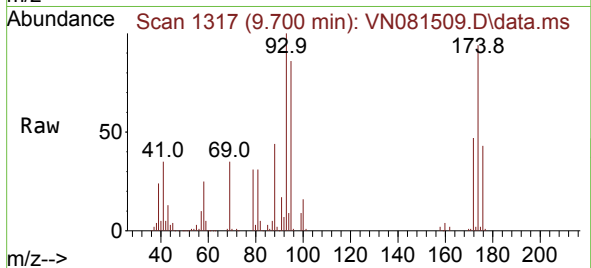
Tgt Ion: 88 Resp: 89140

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 61.0 63.9 95.9#



#50

Toluene-d8

Concen: 48.262 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081509.D

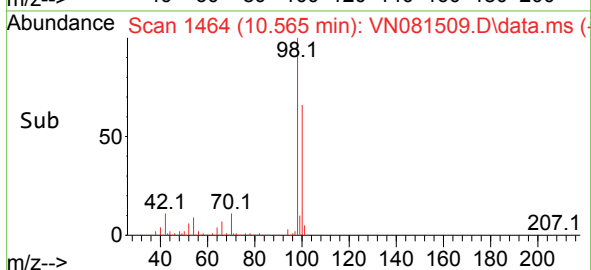
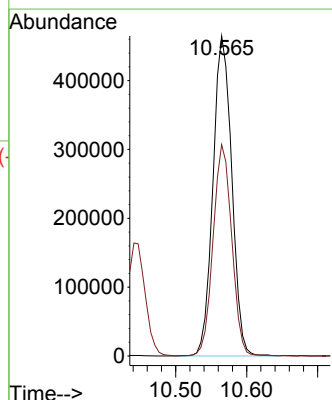
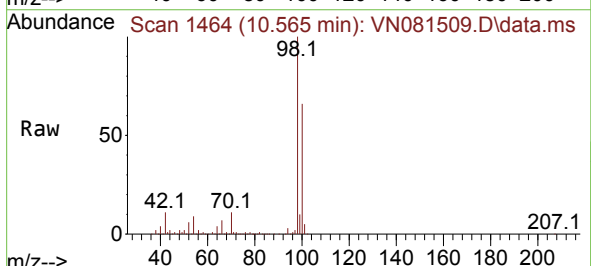
Acq: 21 Mar 2024 10:44

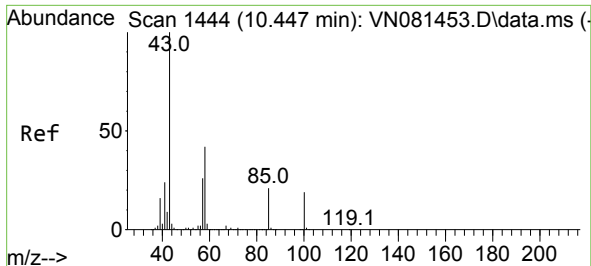
Tgt Ion: 98 Resp: 852650

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

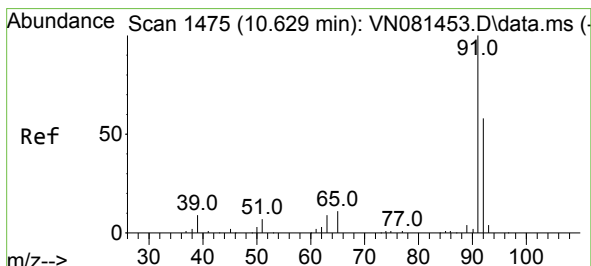
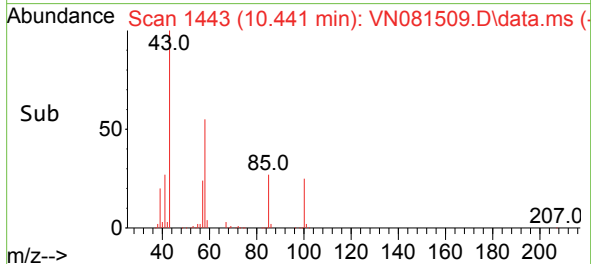
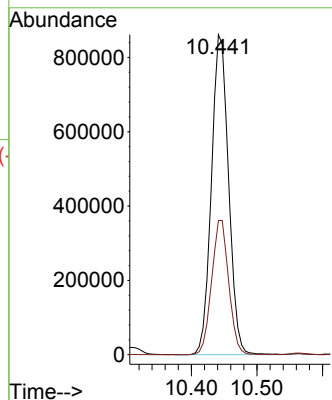
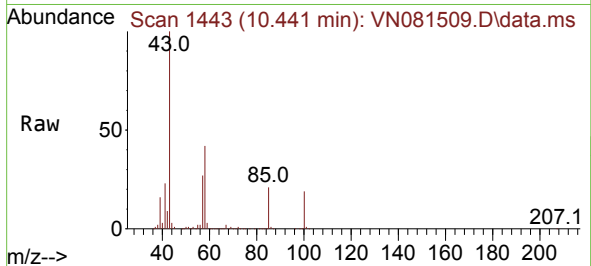




#51
4-Methyl-2-Pentanone
Concen: 219.579 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

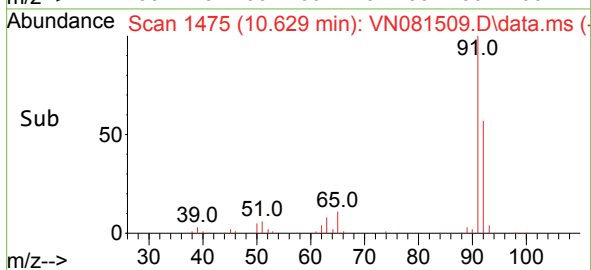
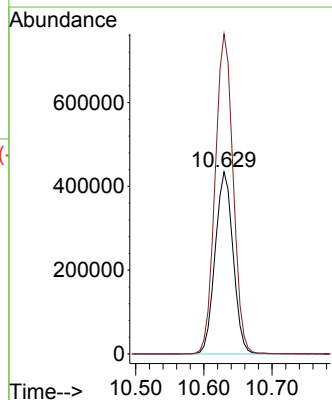
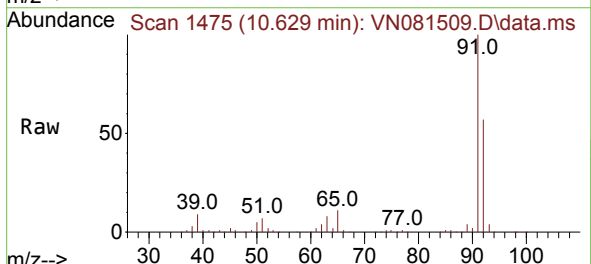
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

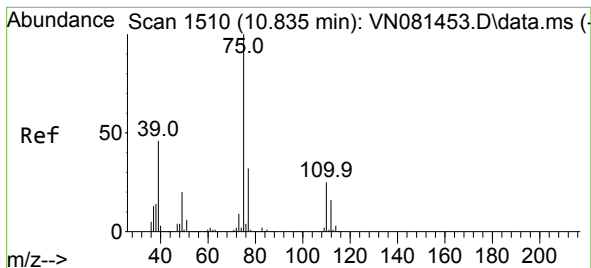
Tgt Ion: 43 Resp: 1564189
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0



#52
Toluene
Concen: 52.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 92 Resp: 796798
Ion Ratio Lower Upper
92 100
91 175.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 54.189 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

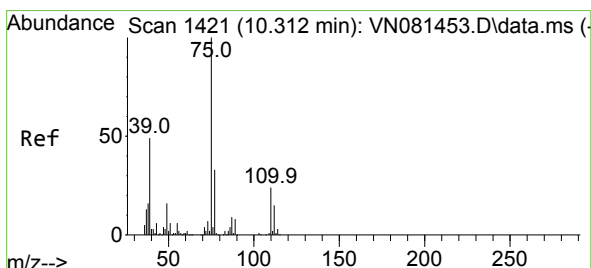
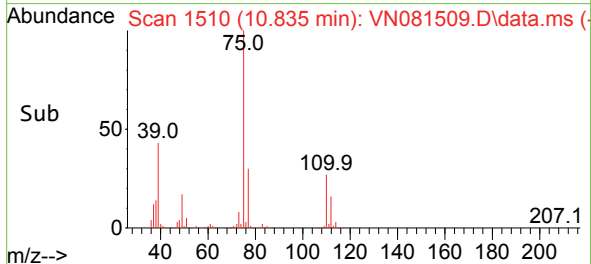
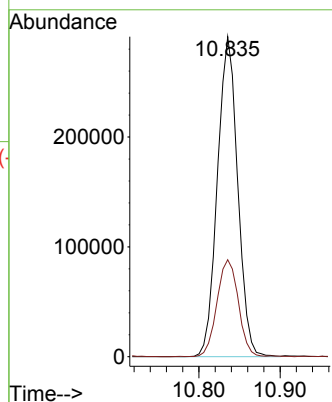
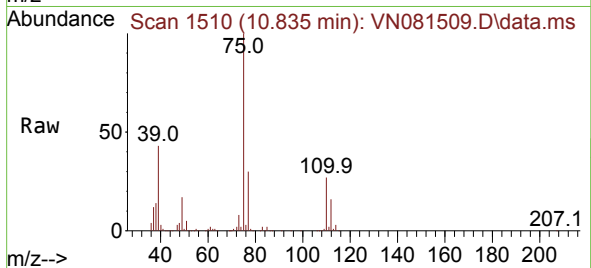
VSTDCCC050

Tgt Ion: 75 Resp: 506306

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.908 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

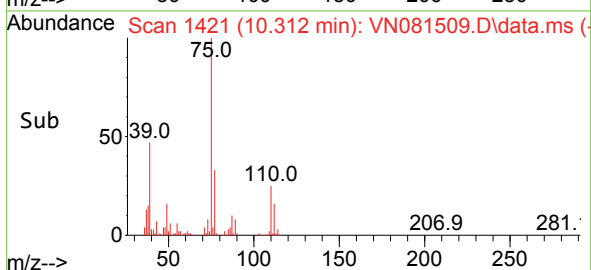
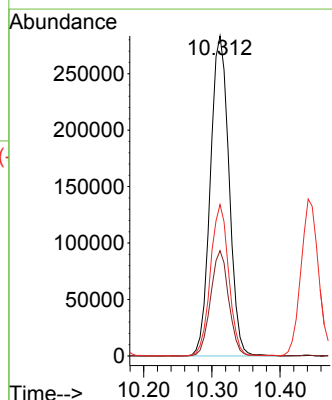
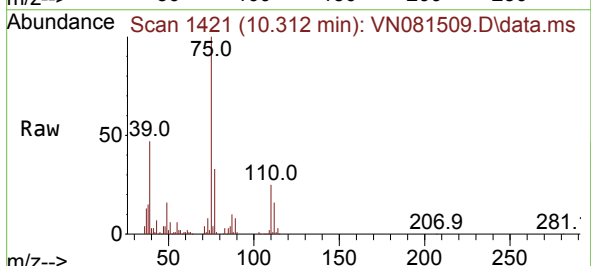
Tgt Ion: 75 Resp: 540030

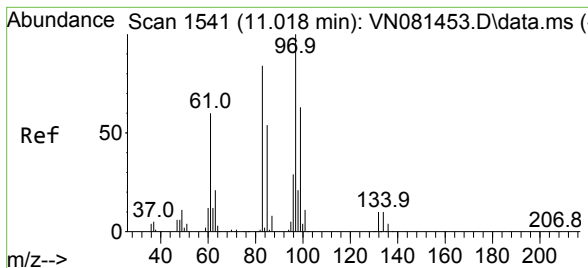
Ion Ratio Lower Upper

75 100

77 32.9 23.3 34.9

39 47.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 51.013 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 313763

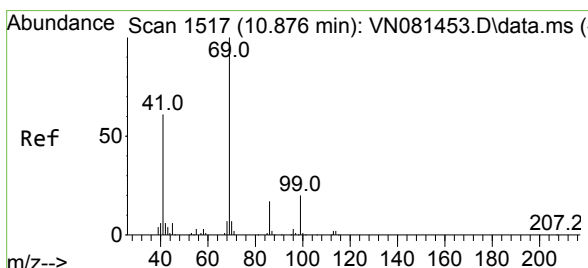
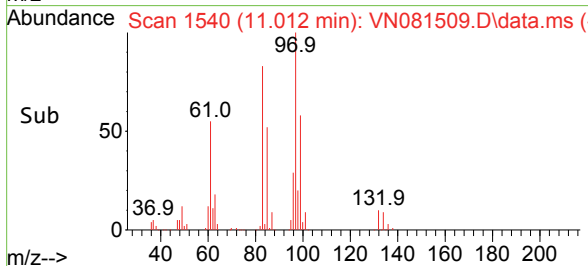
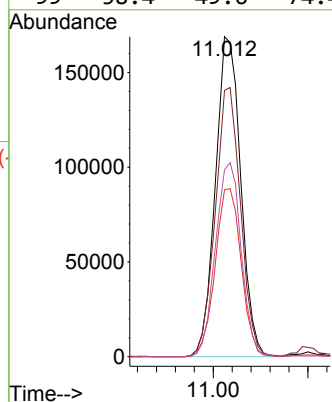
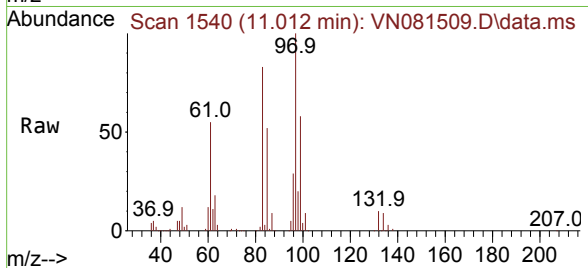
Ion Ratio Lower Upper

97 100

83 83.3 72.9 109.3

85 52.2 50.2 75.2

99 58.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 49.789 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

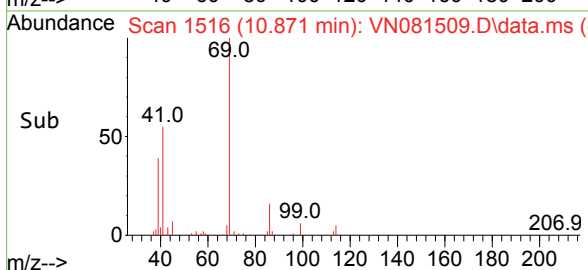
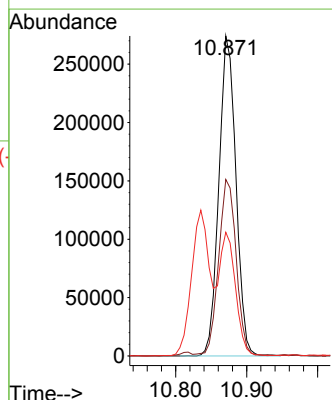
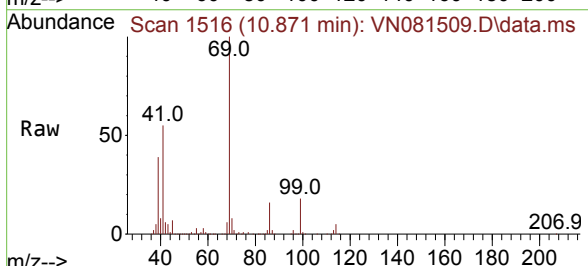
Tgt Ion: 69 Resp: 455645

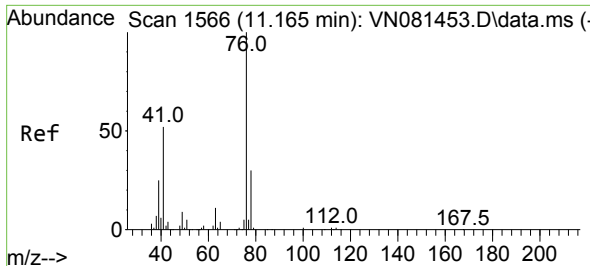
Ion Ratio Lower Upper

69 100

41 56.8 61.0 91.6#

39 37.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 52.674 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

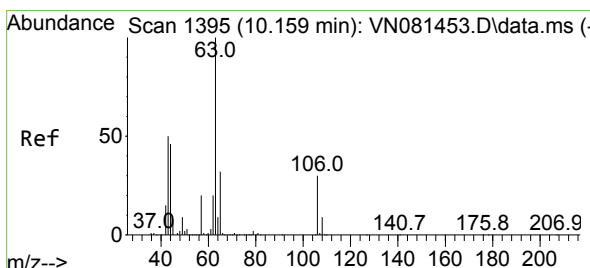
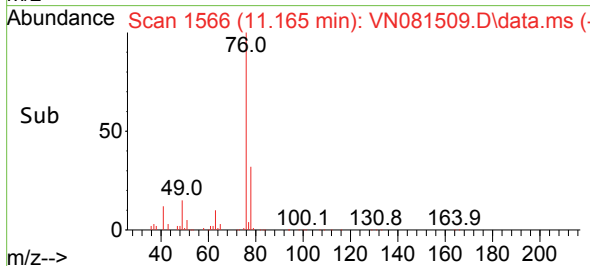
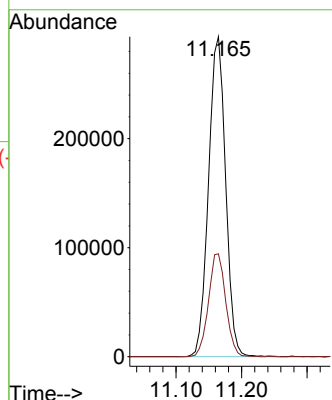
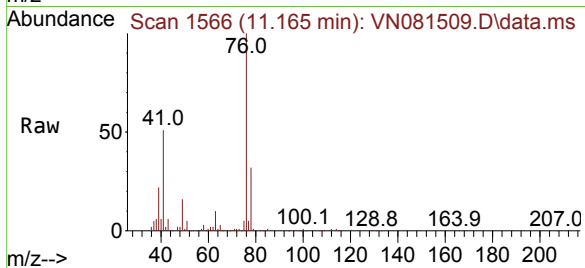
VSTDCCC050

Tgt Ion: 76 Resp: 531104

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 278.346 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081509.D

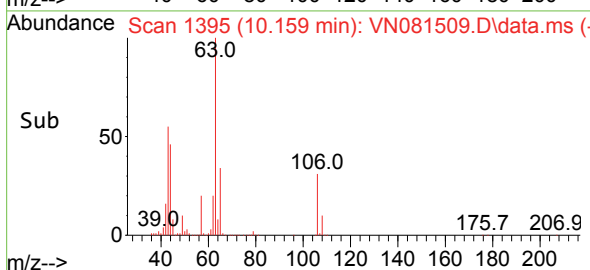
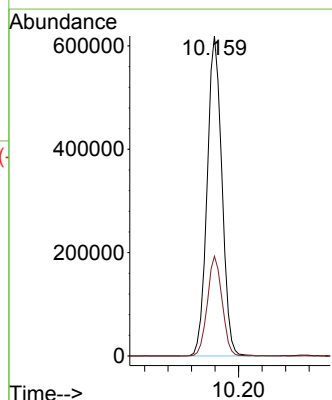
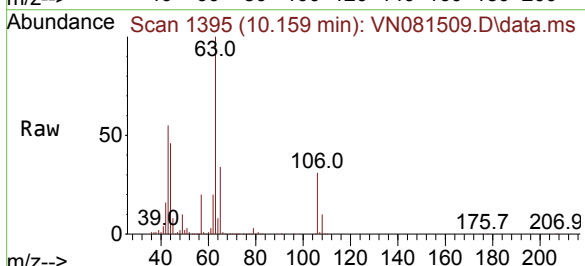
Acq: 21 Mar 2024 10:44

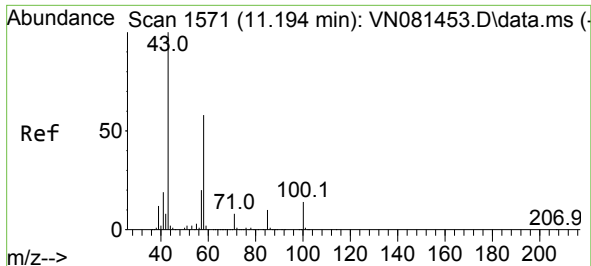
Tgt Ion: 63 Resp: 1077238

Ion Ratio Lower Upper

63 100

106 31.1 18.6 28.0#

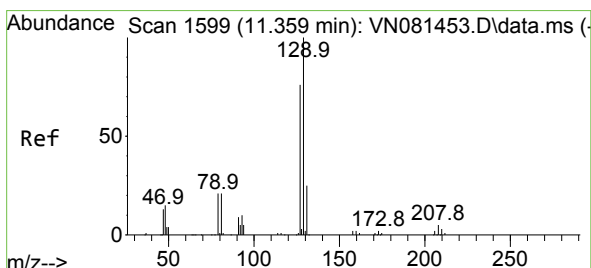
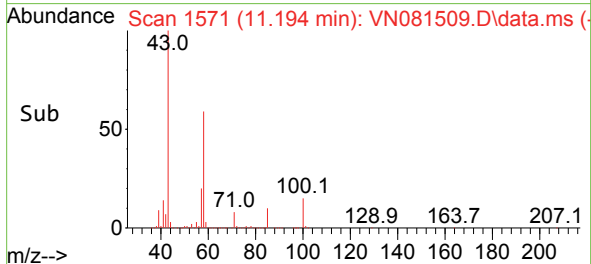
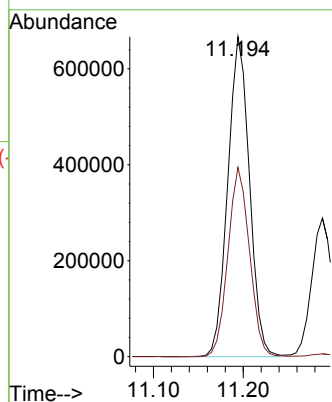
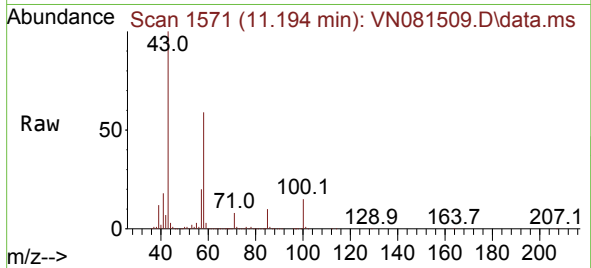




#59
2-Hexanone
Concen: 212.269 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

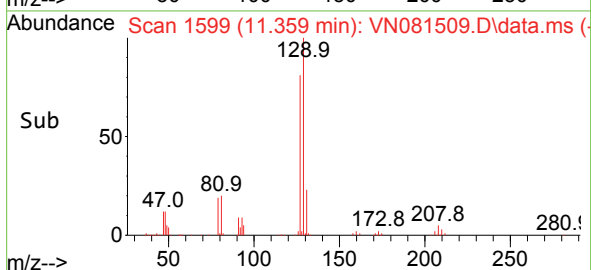
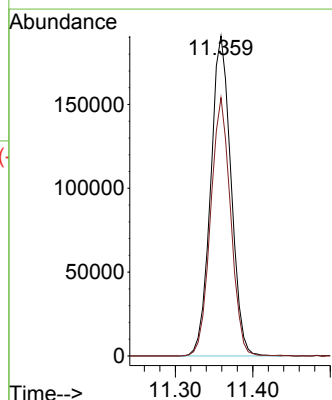
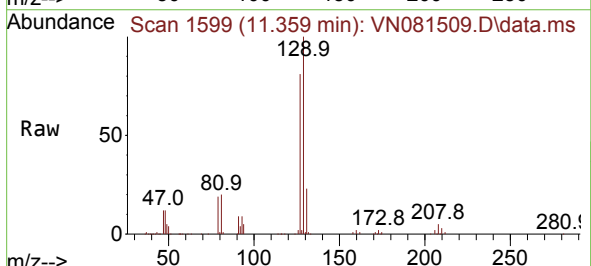
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

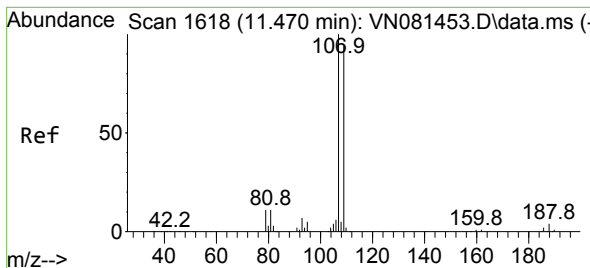
Tgt Ion: 43 Resp: 1117965
Ion Ratio Lower Upper
43 100
58 58.9 25.9 77.8



#60
Dibromochloromethane
Concen: 51.438 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 129 Resp: 347939
Ion Ratio Lower Upper
129 100
127 79.3 39.4 118.2

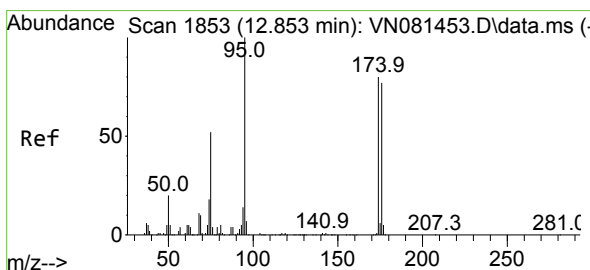
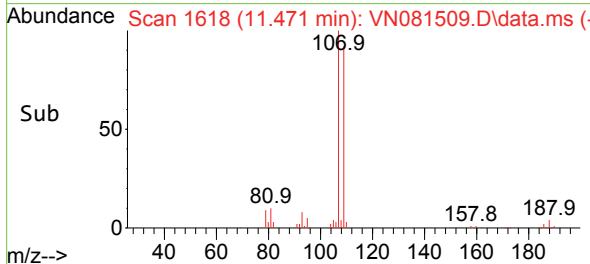
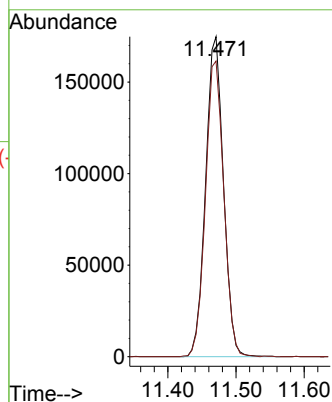
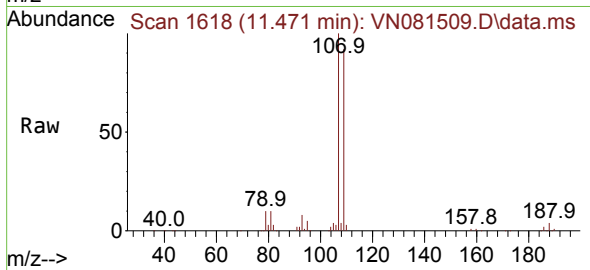




#61
1,2-Dibromoethane
Concen: 50.748 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

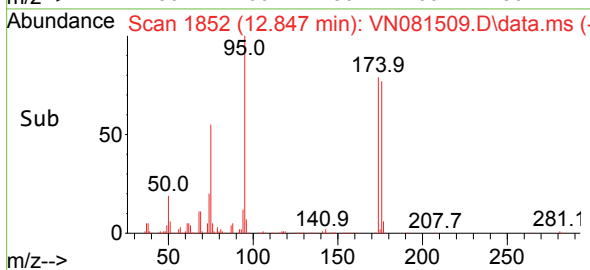
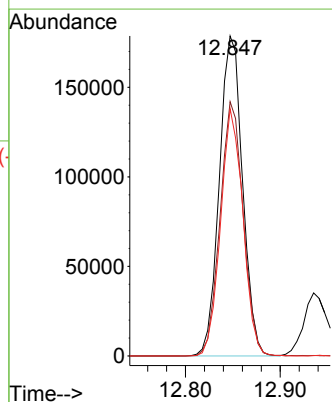
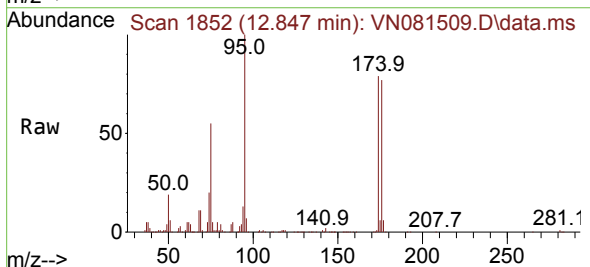
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

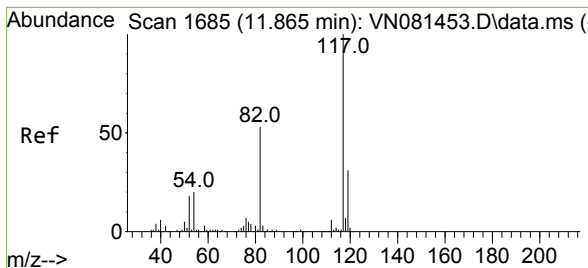
Tgt Ion:107 Resp: 318226
Ion Ratio Lower Upper
107 100
109 94.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 48.907 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 95 Resp: 304455
Ion Ratio Lower Upper
95 100
174 79.1 0.0 120.4
176 74.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

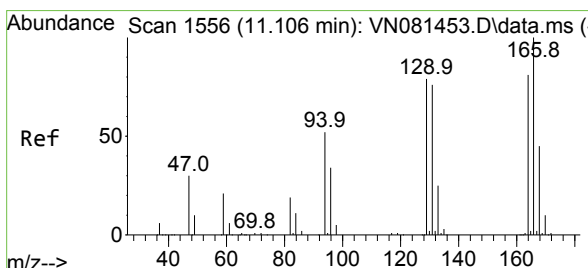
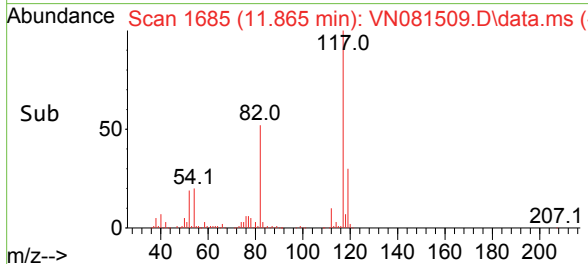
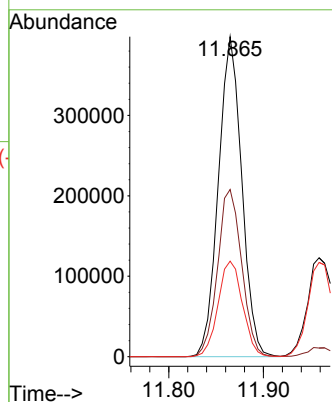
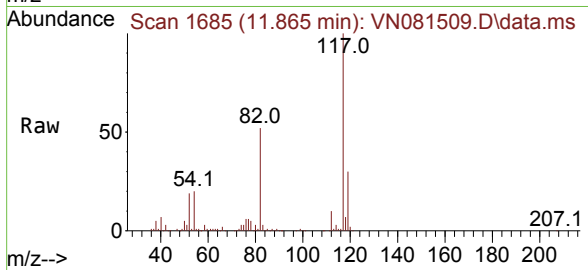
Tgt Ion:117 Resp: 682614

Ion Ratio Lower Upper

117 100

82 52.3 52.7 79.1#

119 29.9 25.3 37.9



#64

Tetrachloroethene

Concen: 53.833 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Tgt Ion:164 Resp: 351259

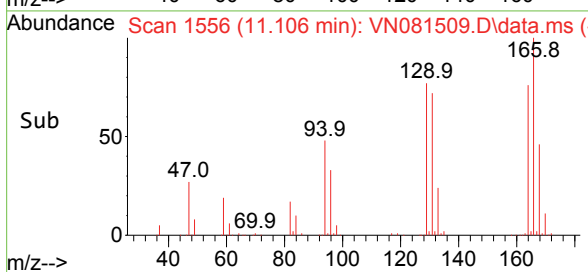
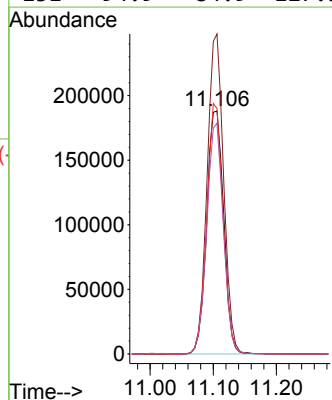
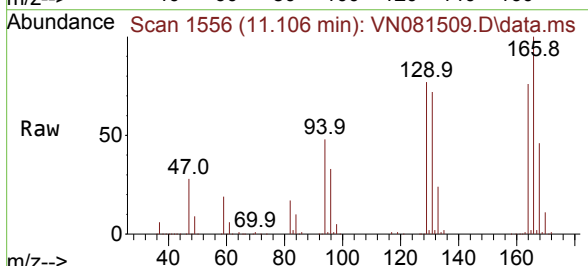
Ion Ratio Lower Upper

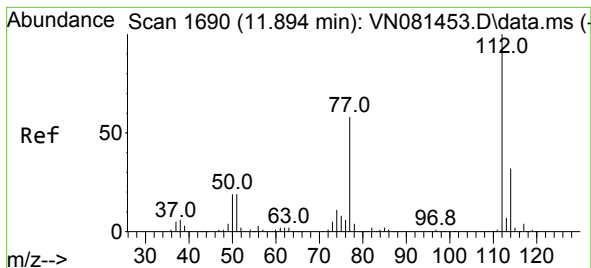
164 100

166 131.6 105.8 158.6

129 101.0 89.6 134.4

131 94.9 84.9 127.3





#65

Chlorobenzene

Concen: 53.292 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

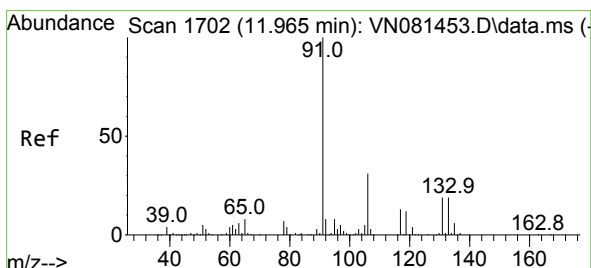
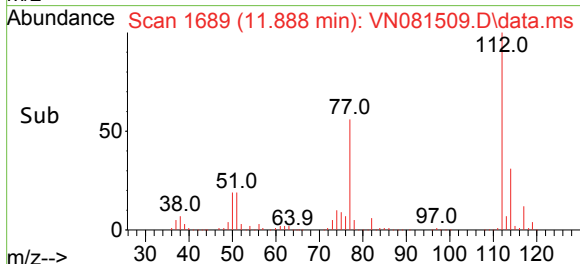
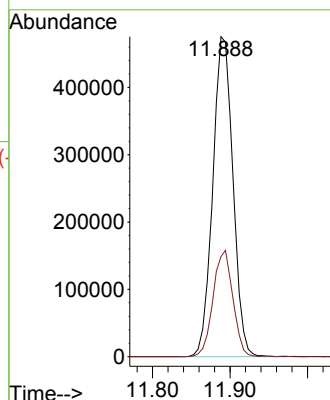
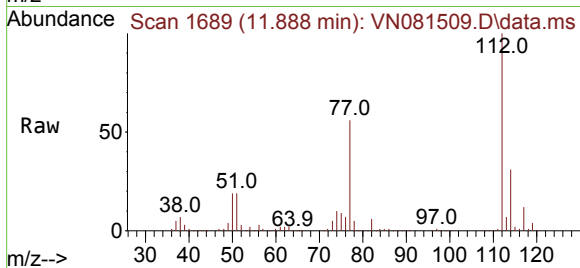
VSTDCCC050

Tgt Ion:112 Resp: 859981

Ion Ratio Lower Upper

112 100

114 31.3 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 54.431 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

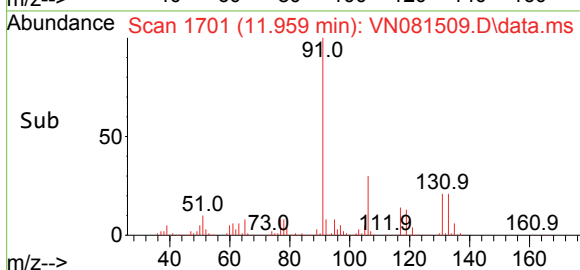
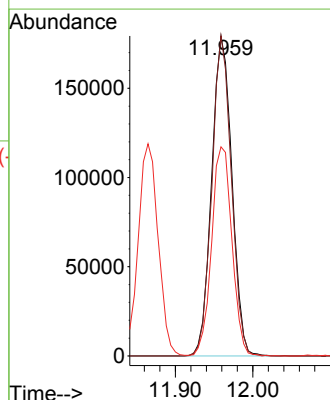
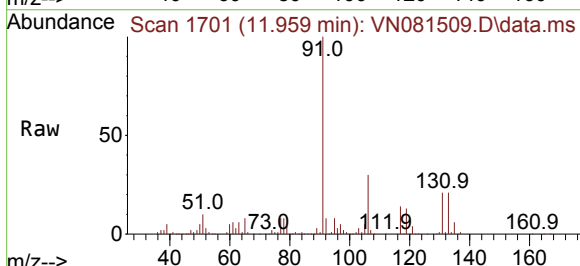
Tgt Ion:131 Resp: 325539

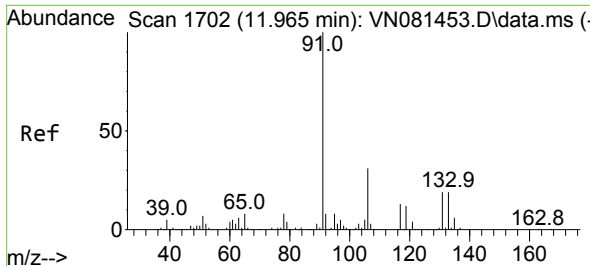
Ion Ratio Lower Upper

131 100

133 96.3 46.8 140.3

119 65.6 34.6 103.9

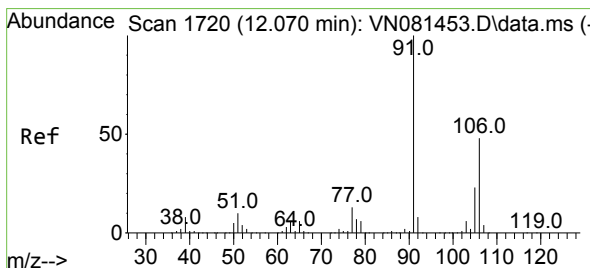
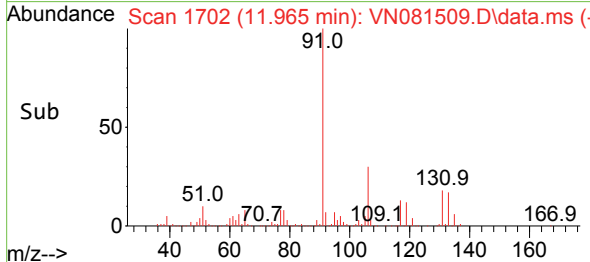
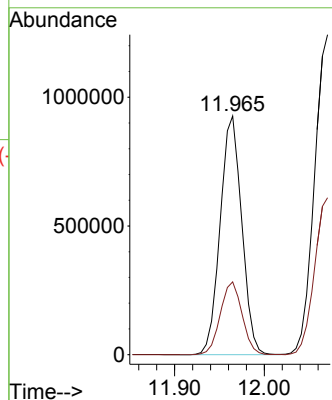
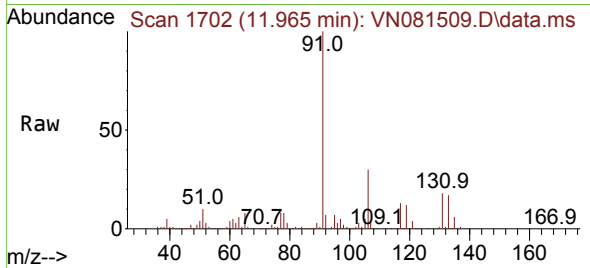




#67
Ethyl Benzene
Concen: 55.248 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

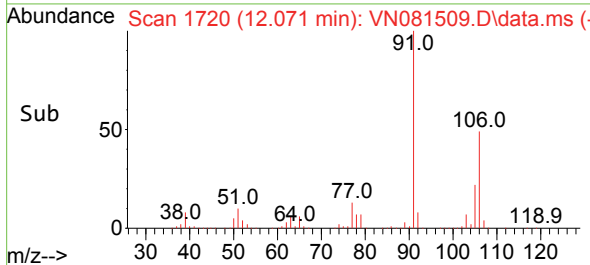
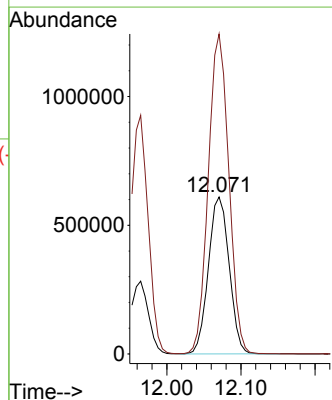
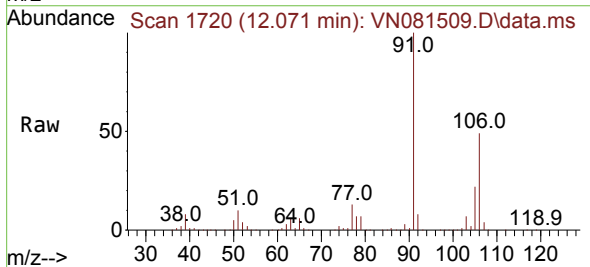
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

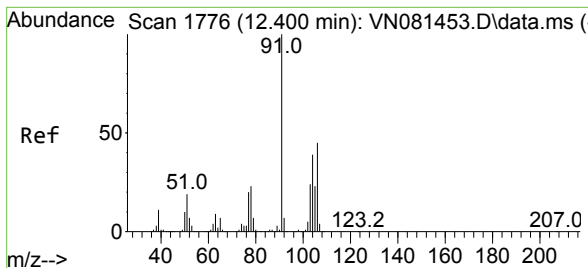
Tgt Ion: 91 Resp: 1548662
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 112.971 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:106 Resp: 1187144
Ion Ratio Lower Upper
106 100
91 201.5 169.0 253.6





#69

o-Xylene

Concen: 55.220 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

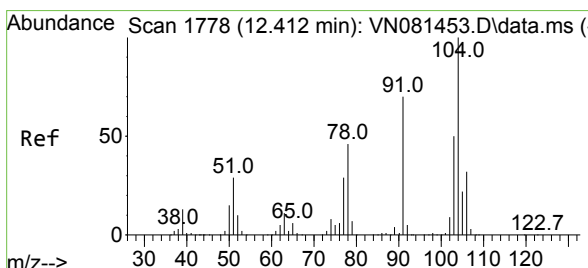
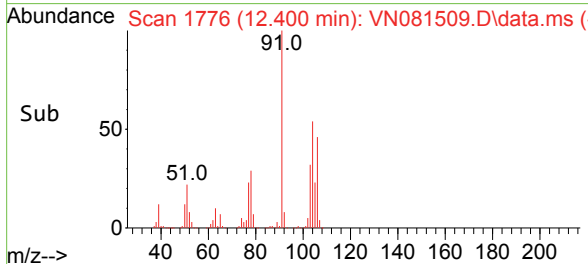
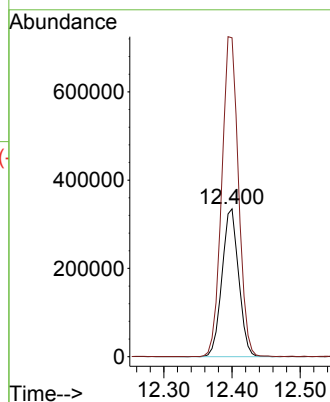
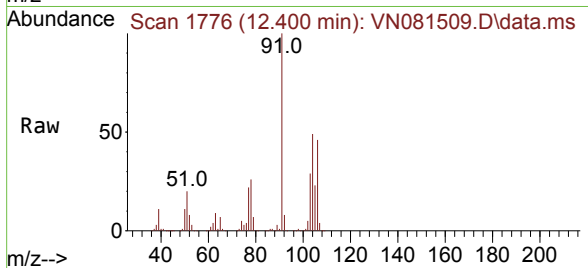
VSTDCCC050

Tgt Ion:106 Resp: 569672

Ion Ratio Lower Upper

106 100

91 217.4 112.1 336.3



#70

Styrene

Concen: 56.669 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

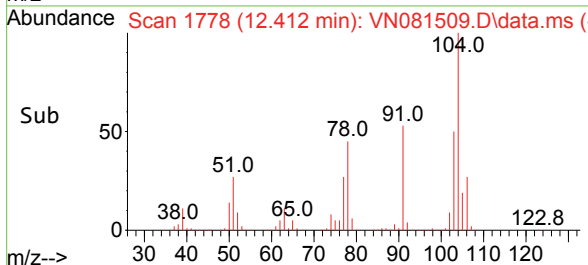
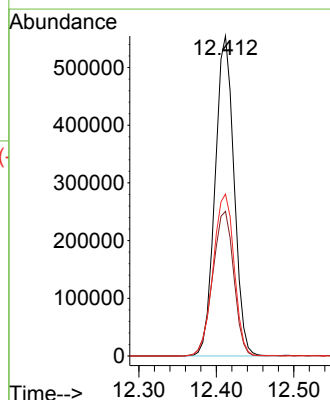
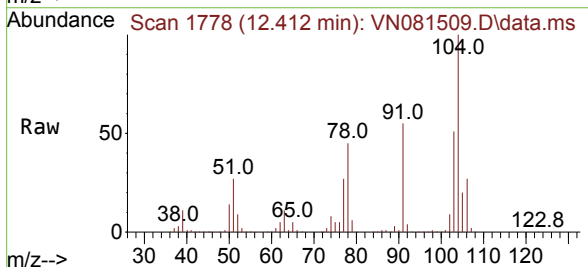
Tgt Ion:104 Resp: 942875

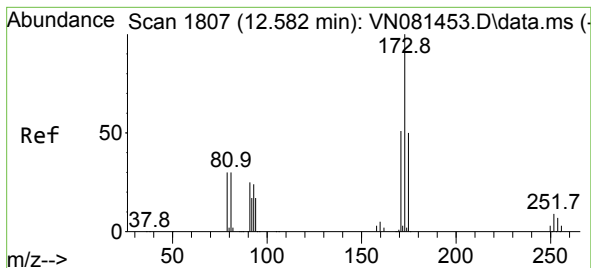
Ion Ratio Lower Upper

104 100

78 50.2 43.8 65.8

103 56.0 44.2 66.2





#71

Bromoform

Concen: 50.173 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

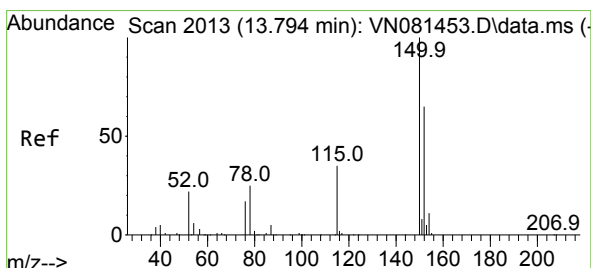
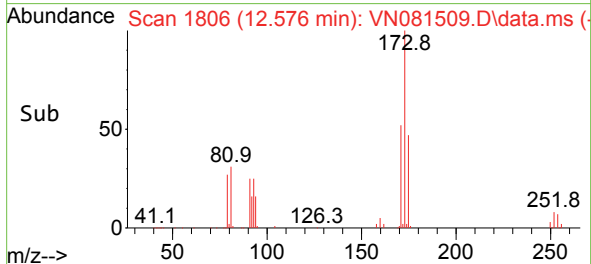
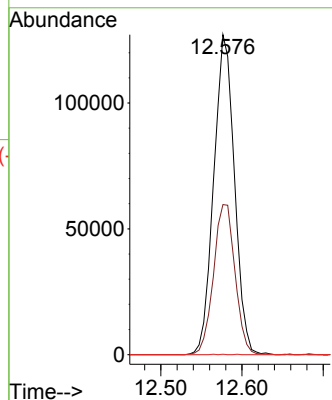
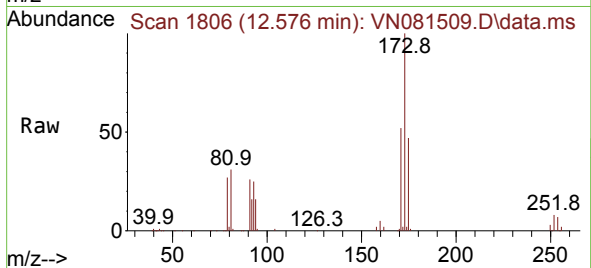
Tgt Ion:173 Resp: 225491

Ion Ratio Lower Upper

173 100

175 48.8 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: VN081509.D

Acq: 21 Mar 2024 10:44

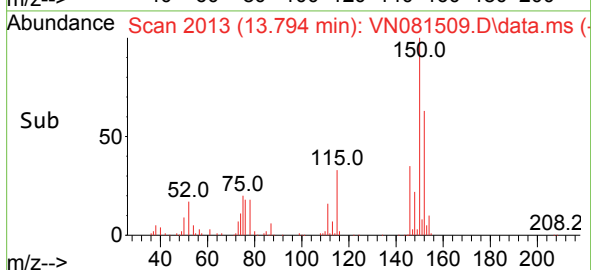
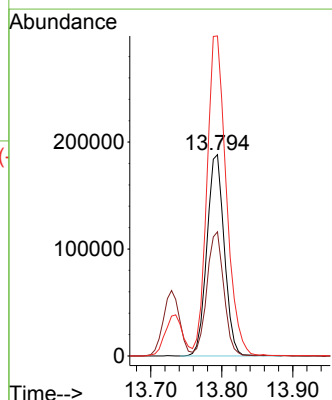
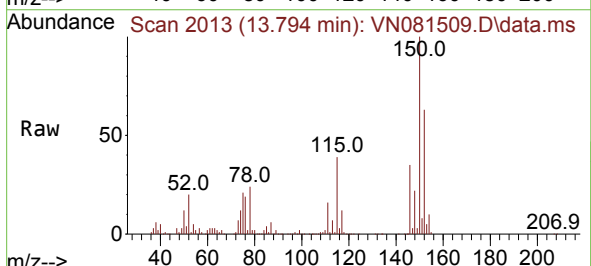
Tgt Ion:152 Resp: 321251

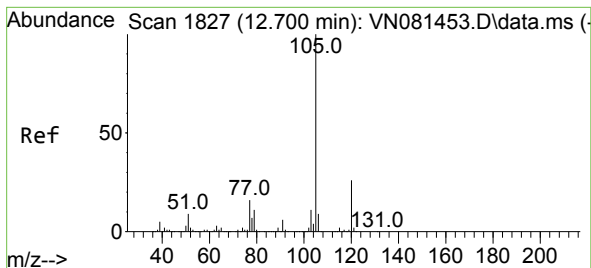
Ion Ratio Lower Upper

152 100

115 59.7 32.3 96.8

150 176.0 0.0 339.8





#73

Isopropylbenzene

Concen: 54.592 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

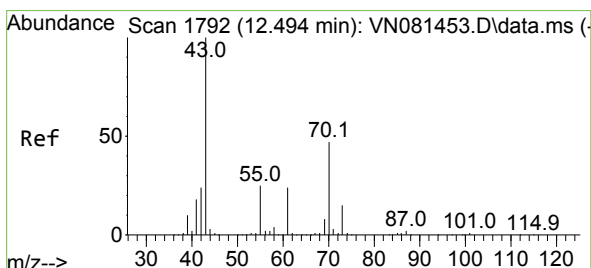
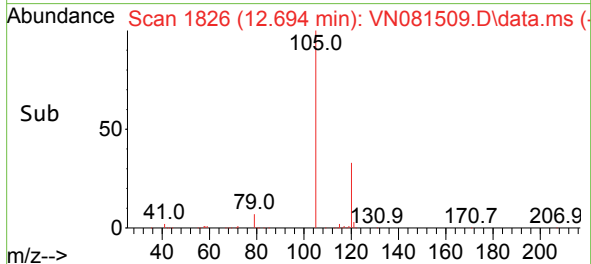
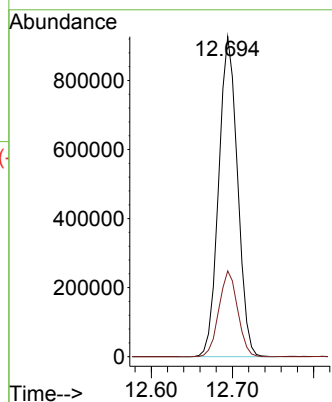
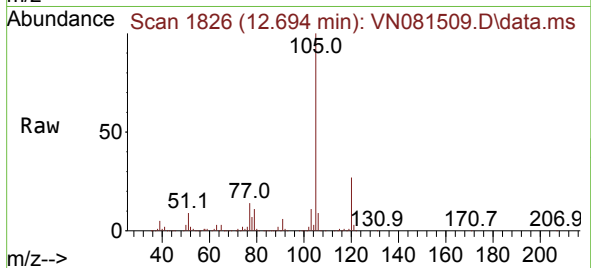
VSTDCCC050

Tgt Ion:105 Resp: 1494928

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.6



#74

N-ethyl acetate

Concen: 49.271 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Tgt Ion: 43 Resp: 488271

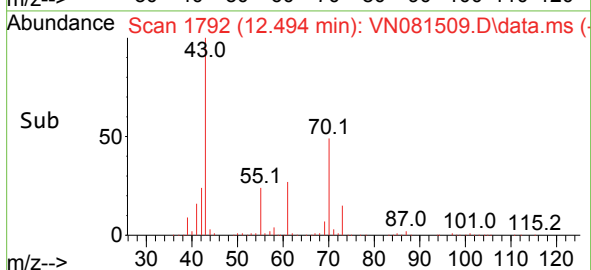
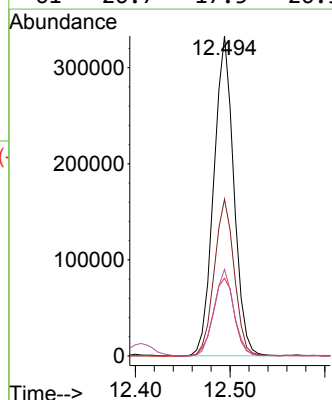
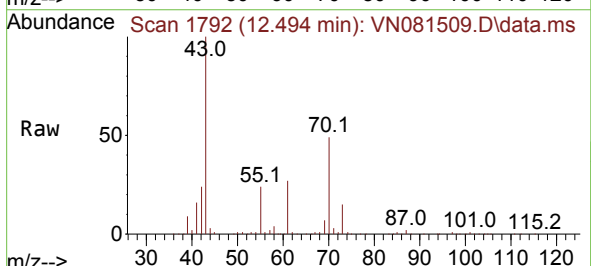
Ion Ratio Lower Upper

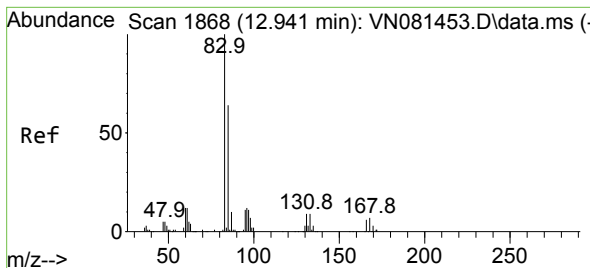
43 100

70 49.0 30.1 45.1#

55 26.0 17.0 25.4#

61 26.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 44.923 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

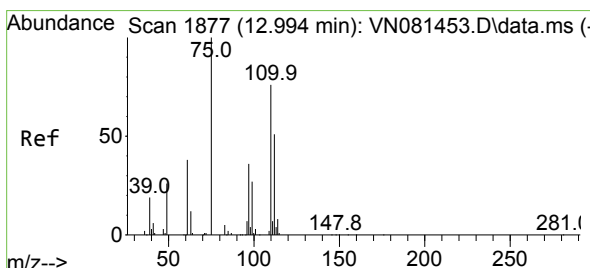
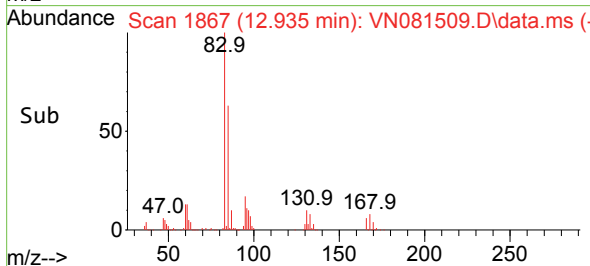
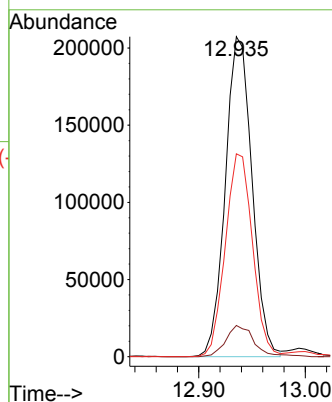
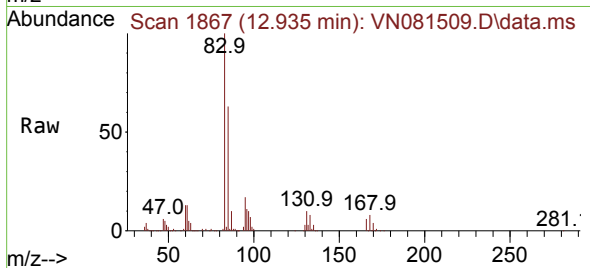
Tgt Ion: 83 Resp: 361686

Ion Ratio Lower Upper

83 100

131 10.3 4.1 12.3

85 64.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 66.367 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081509.D

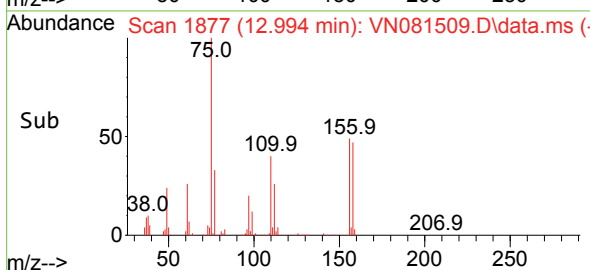
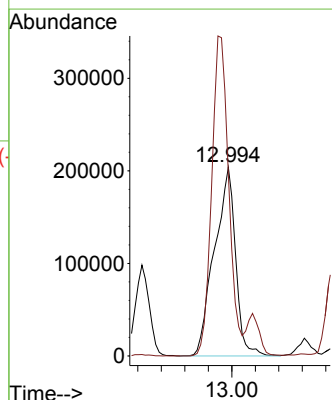
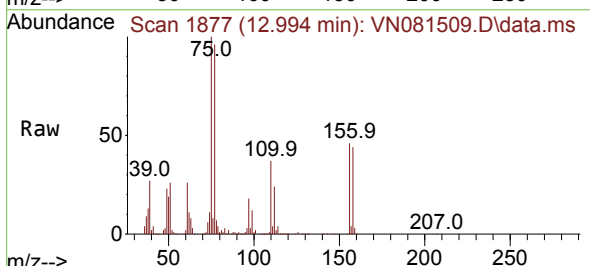
Acq: 21 Mar 2024 10:44

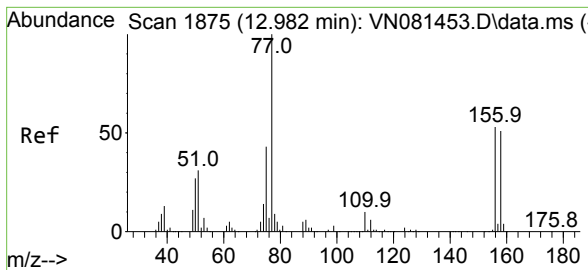
Tgt Ion: 75 Resp: 509998

Ion Ratio Lower Upper

75 100

77 136.2 91.0 272.8

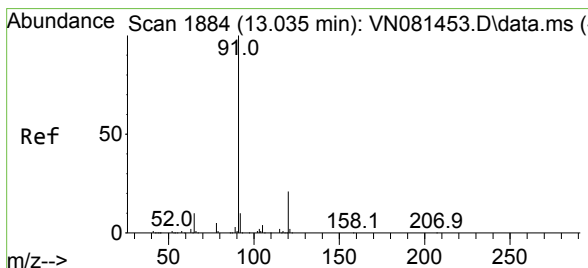
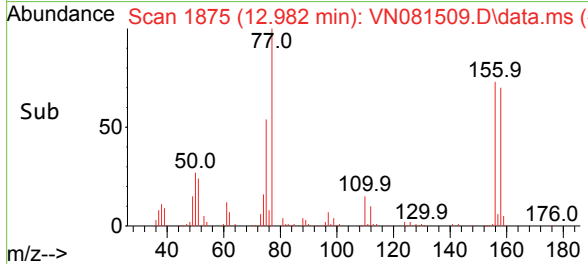
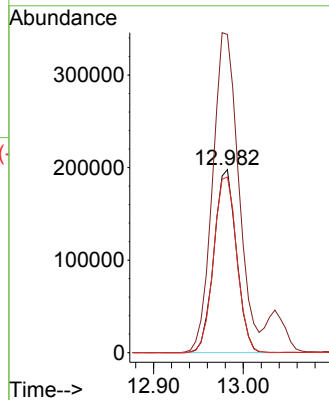
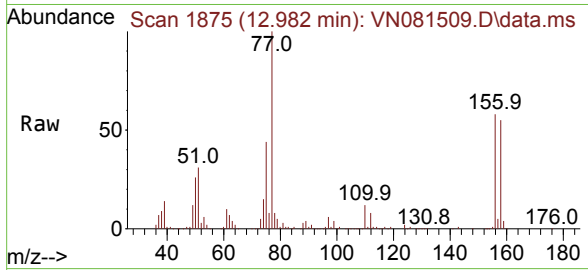




#77
Bromobenzene
Concen: 51.090 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

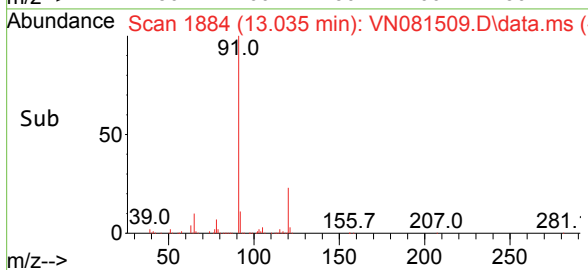
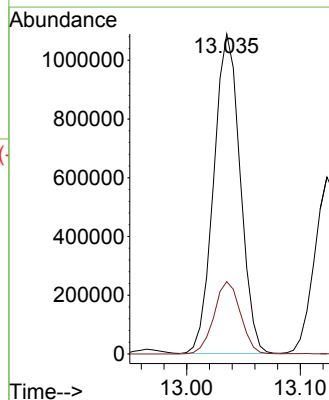
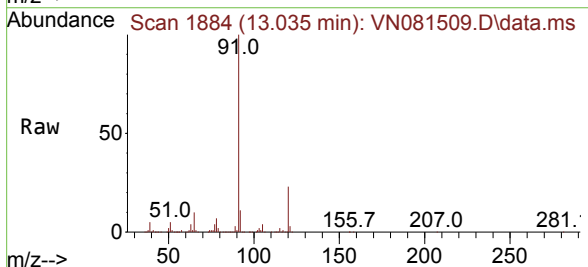
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

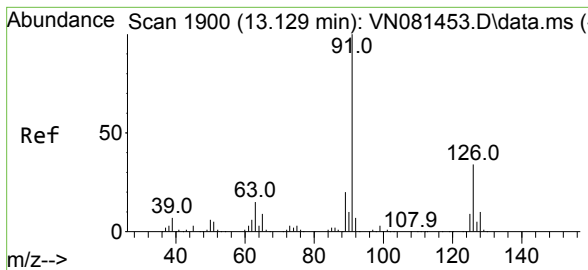
Tgt Ion:156 Resp: 345601
Ion Ratio Lower Upper
156 100
77 201.0 138.1 414.3
158 98.8 46.5 139.5



#78
n-propylbenzene
Concen: 54.416 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 91 Resp: 1759750
Ion Ratio Lower Upper
91 100
120 22.7 10.3 30.9

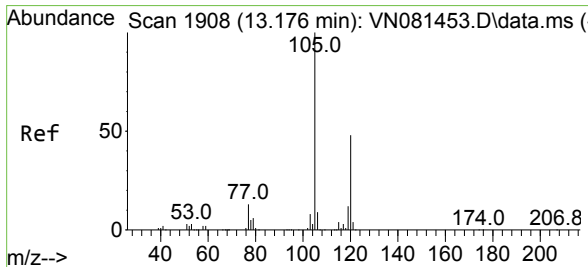
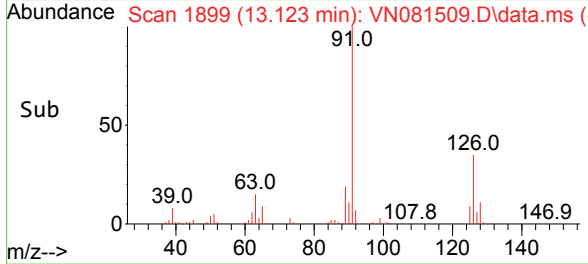
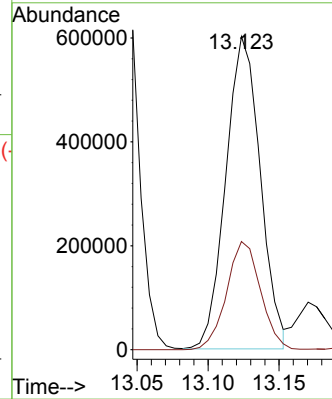
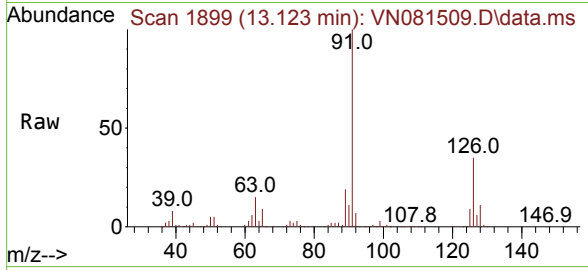




#79
2-Chlorotoluene
Concen: 52.489 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

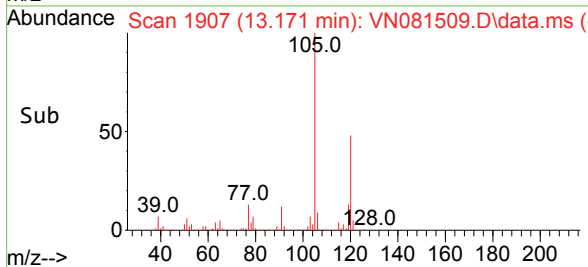
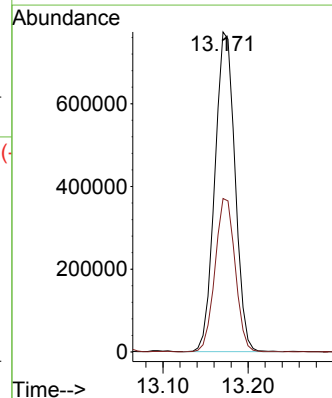
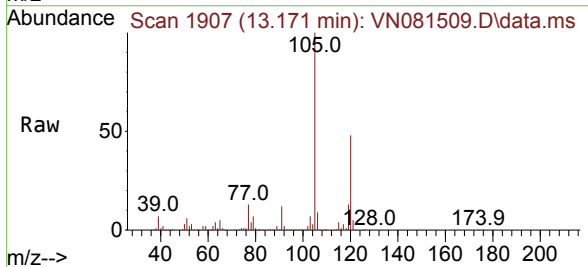
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

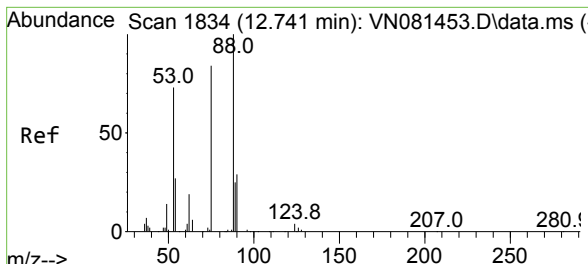
Tgt Ion: 91 Resp: 1015933
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 56.157 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:105 Resp: 1270147
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

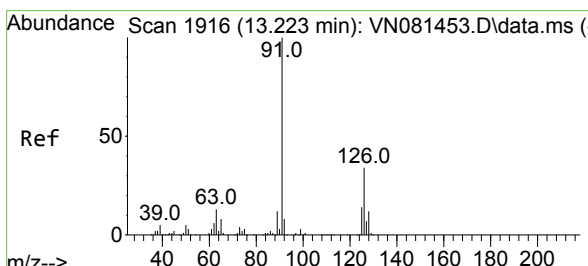
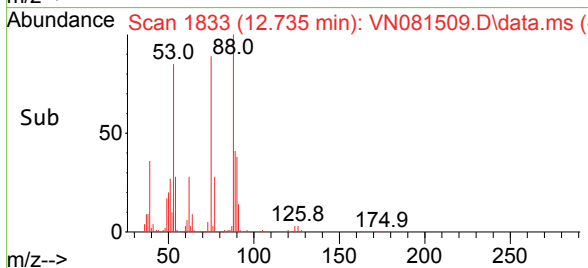
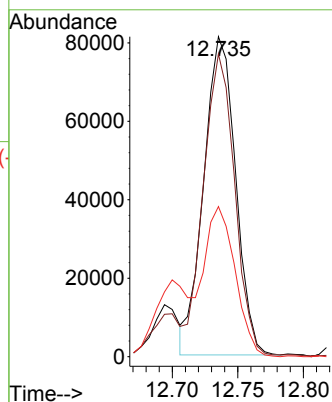
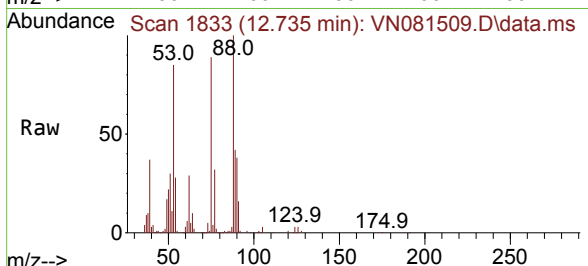




#81
trans-1,4-Dichloro-2-butene
Concen: 48.211 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

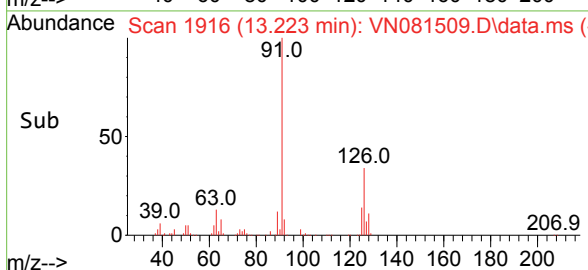
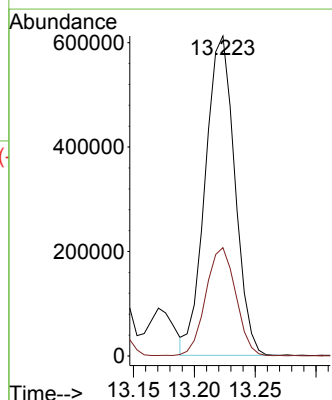
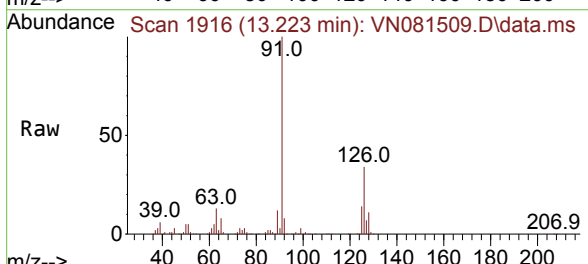
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

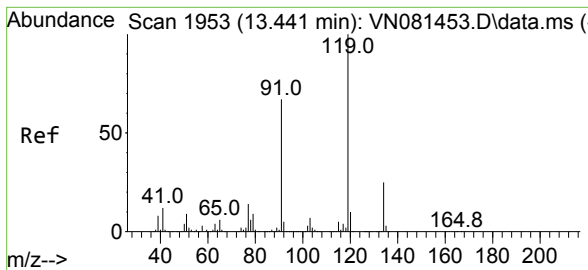
Tgt Ion: 75 Resp: 137096
Ion Ratio Lower Upper
75 100
53 93.9 71.4 107.2
89 48.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 54.074 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion: 91 Resp: 1031864
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9

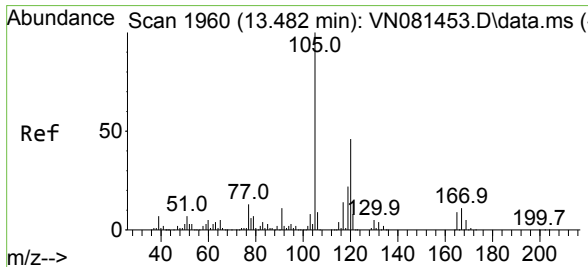
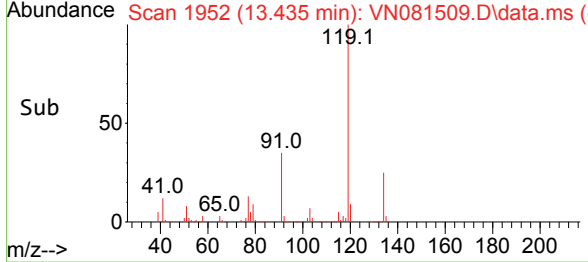
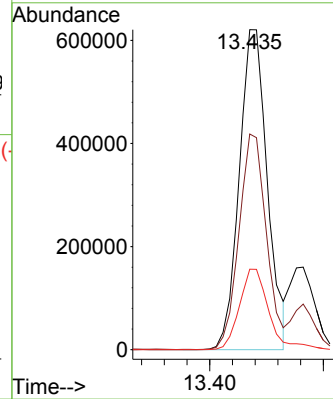
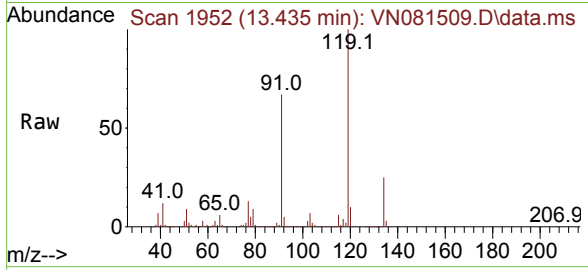




#83
tert-Butylbenzene
Concen: 54.673 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

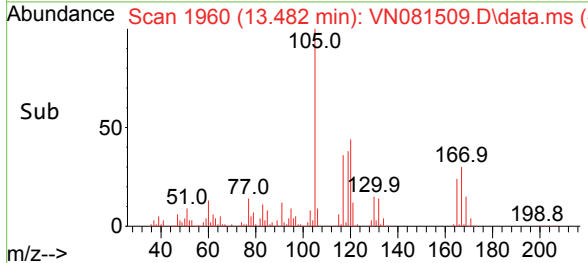
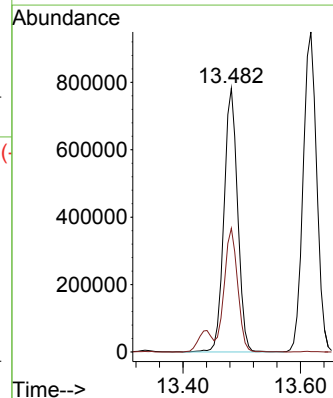
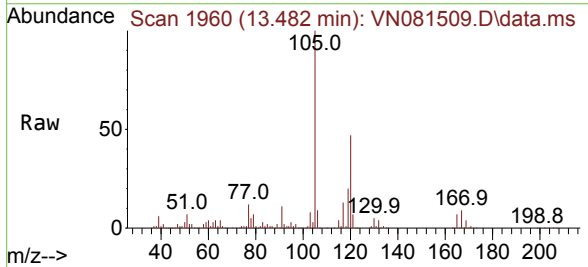
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

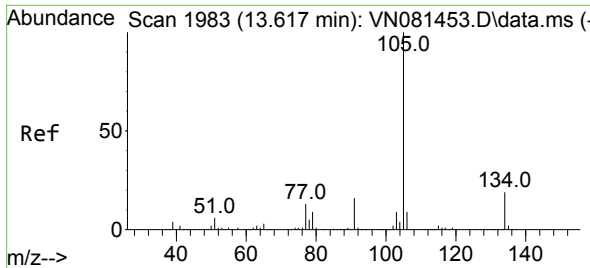
Tgt Ion:119 Resp: 1066339
Ion Ratio Lower Upper
119 100
91 65.7 36.8 110.4
134 26.4 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 55.497 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:105 Resp: 1261575
Ion Ratio Lower Upper
105 100
120 46.1 20.9 62.7

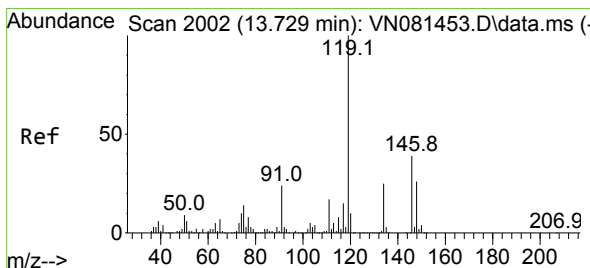
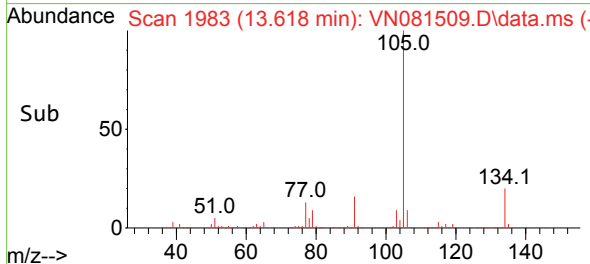
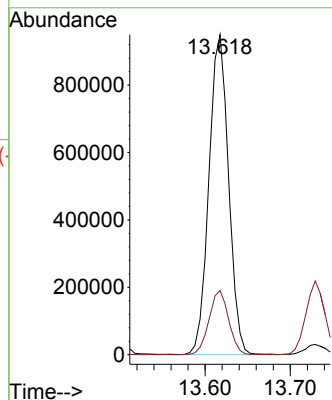
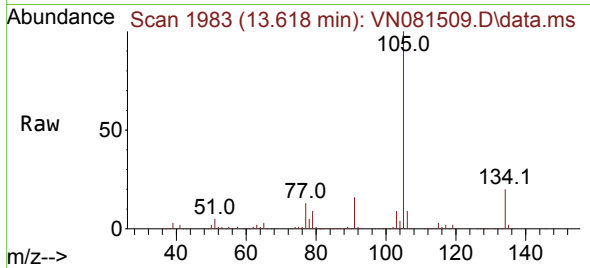




#85
 sec-Butylbenzene
 Concen: 54.678 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

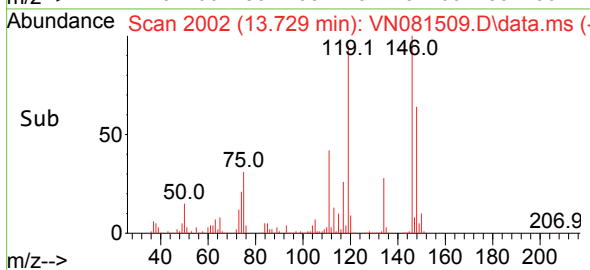
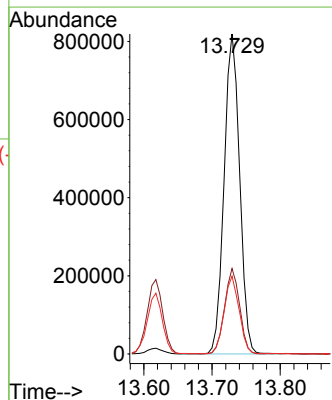
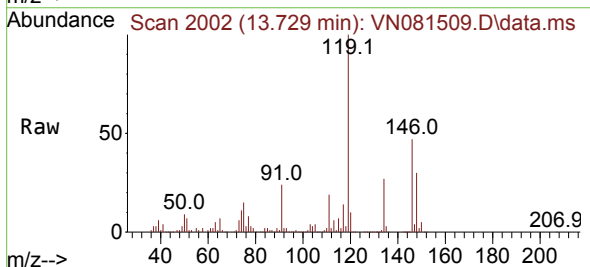
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

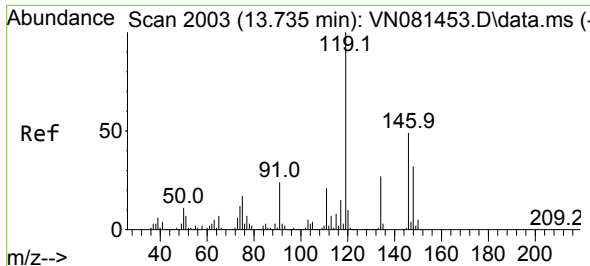
Tgt Ion:105 Resp: 1524518
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 57.057 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

Tgt Ion:119 Resp: 1300431
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 23.3 13.5 40.4

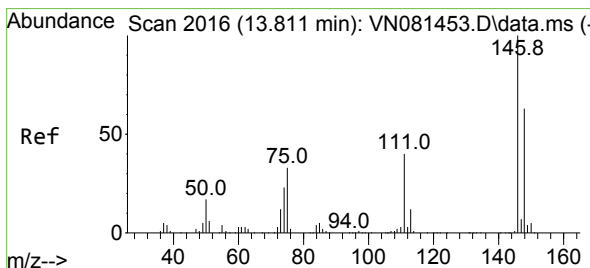
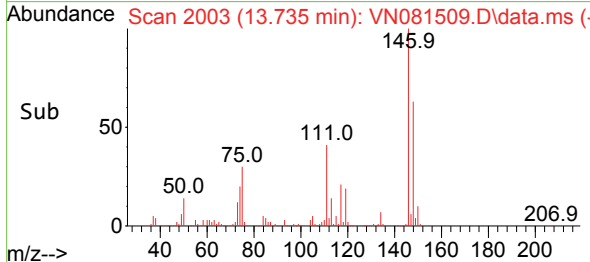
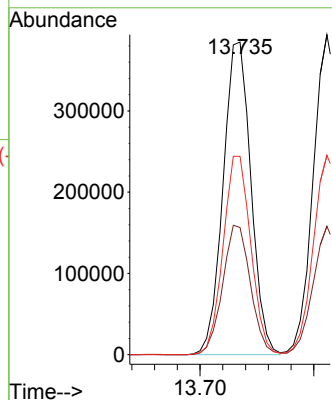
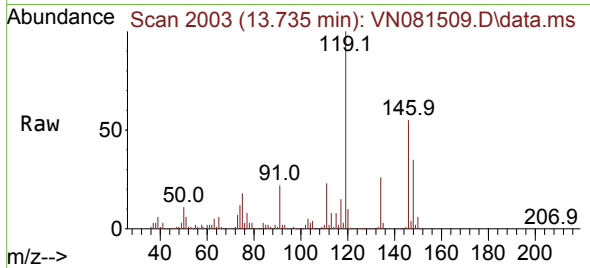




#87
1,3-Dichlorobenzene
Concen: 52.603 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

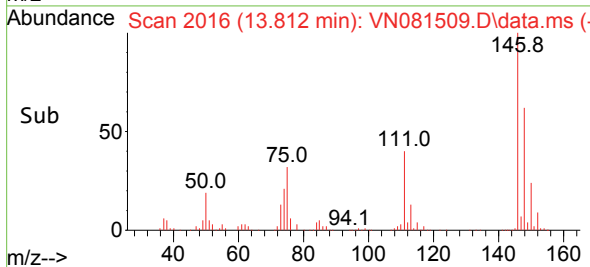
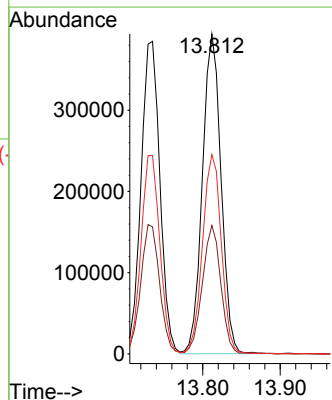
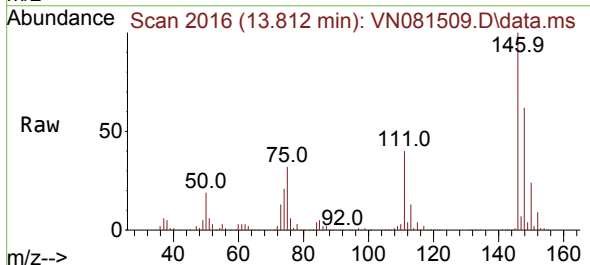
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

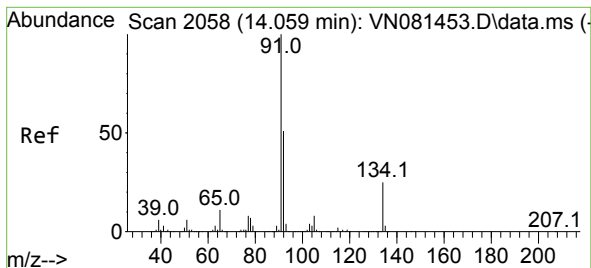
Tgt Ion:146 Resp: 653773
Ion Ratio Lower Upper
146 100
111 41.6 23.9 71.7
148 63.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 51.228 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:146 Resp: 659264
Ion Ratio Lower Upper
146 100
111 40.0 22.6 67.7
148 63.0 31.9 95.5





#89

n-Butylbenzene

Concen: 55.370 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

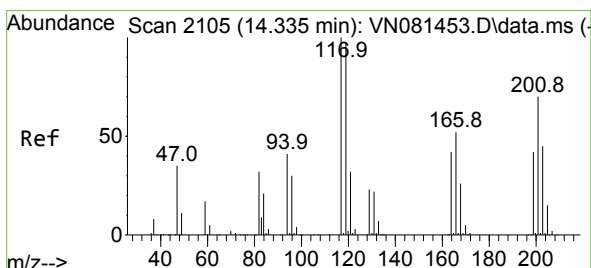
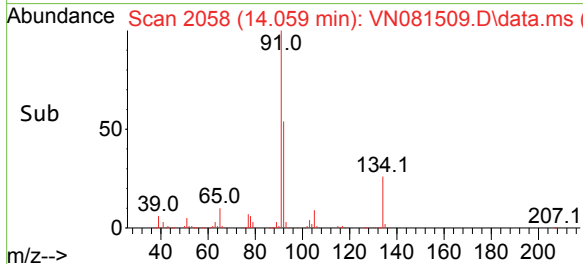
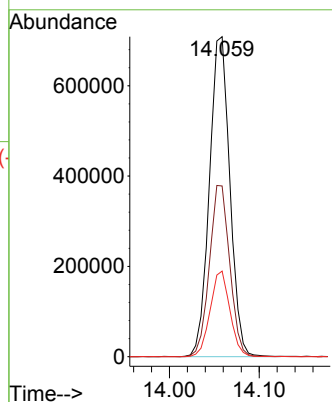
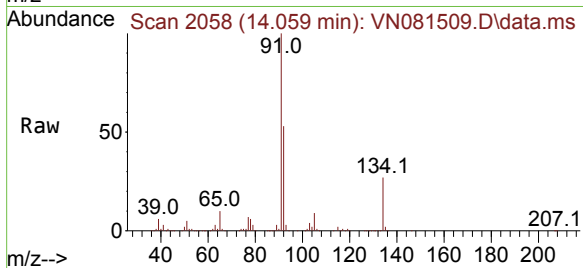
Tgt Ion: 91 Resp: 1119024

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 25.9 10.8 32.4



#90

Hexachloroethane

Concen: 50.742 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081509.D

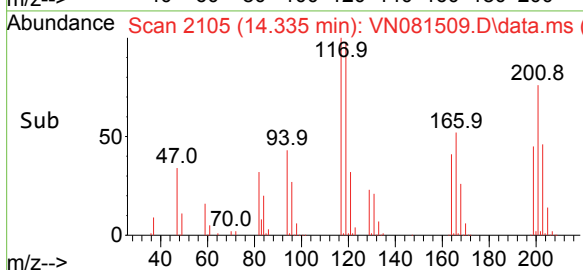
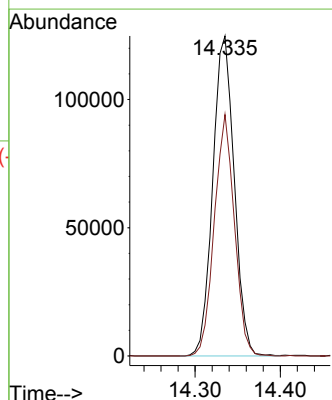
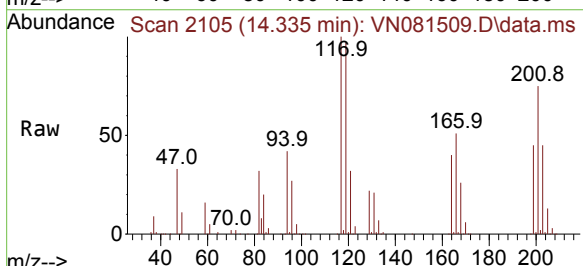
Acq: 21 Mar 2024 10:44

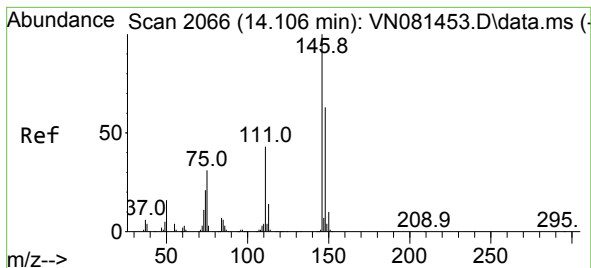
Tgt Ion: 117 Resp: 219023

Ion Ratio Lower Upper

117 100

201 70.8 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 52.686 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

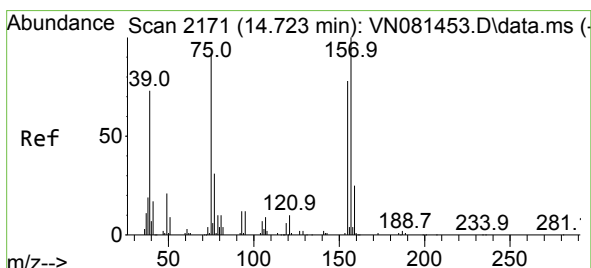
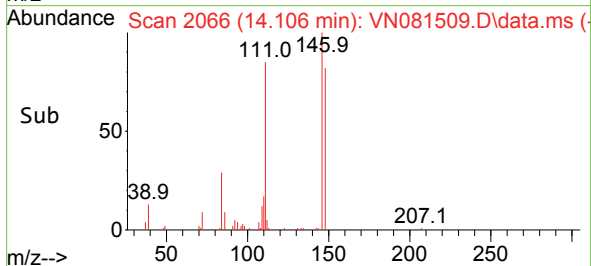
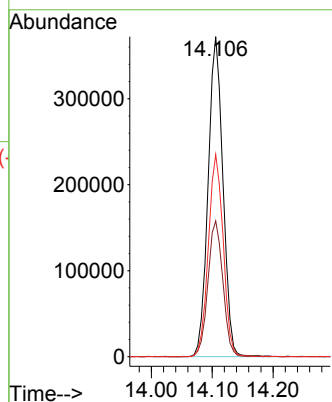
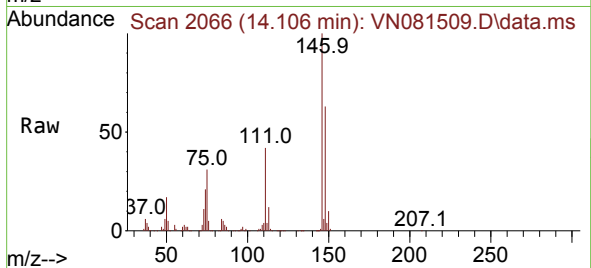
Tgt Ion:146 Resp: 630242

Ion Ratio Lower Upper

146 100

111 42.8 23.9 71.8

148 63.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.924 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081509.D

Acq: 21 Mar 2024 10:44

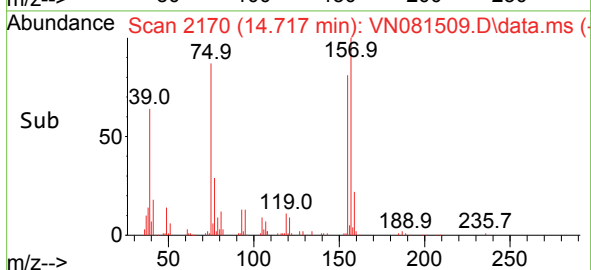
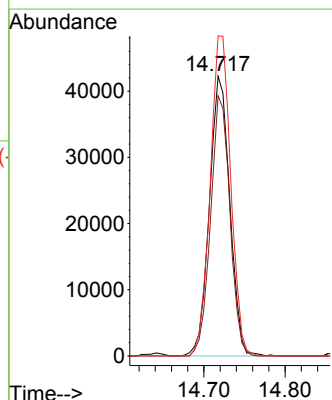
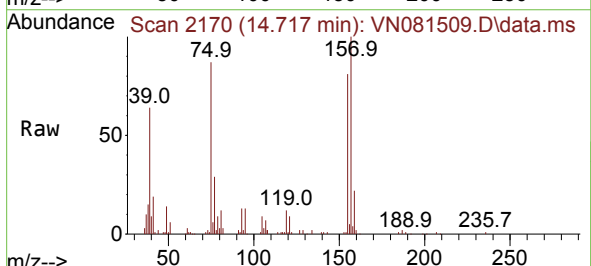
Tgt Ion: 75 Resp: 73548

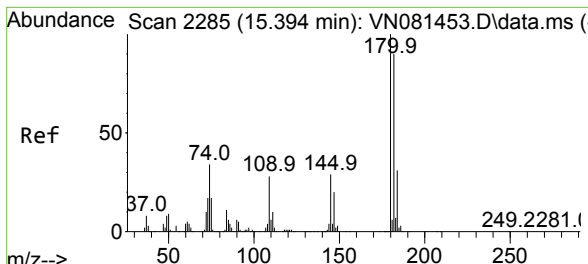
Ion Ratio Lower Upper

75 100

155 88.0 31.8 95.4

157 115.8 41.1 123.4

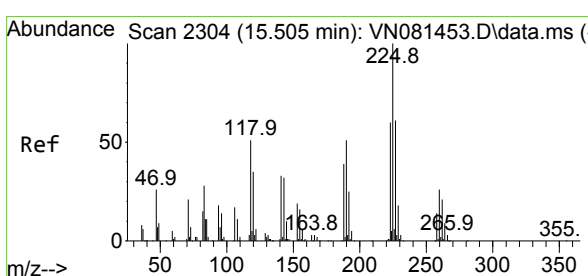
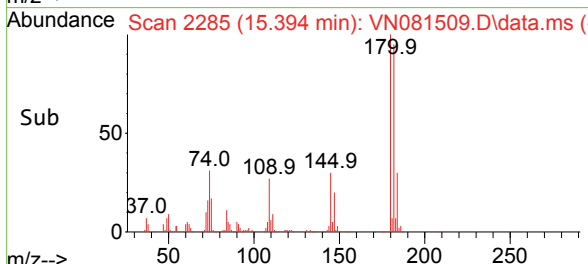
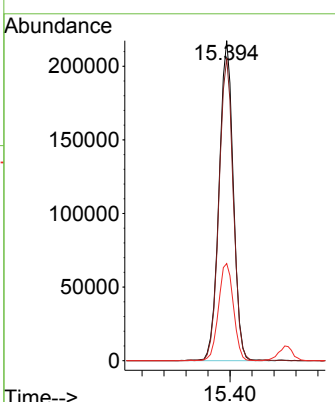
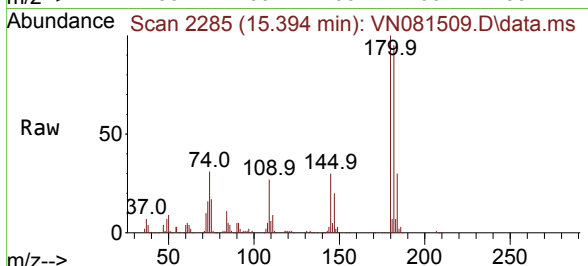




#93
 1,2,4-Trichlorobenzene
 Concen: 56.235 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

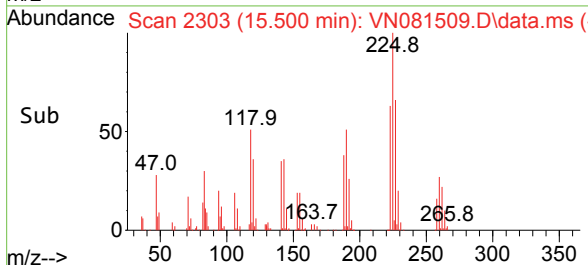
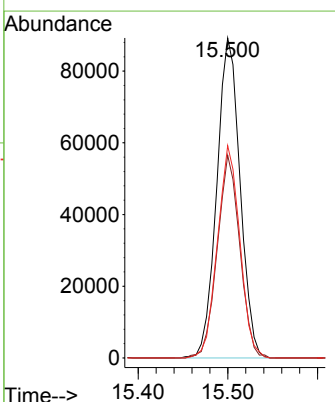
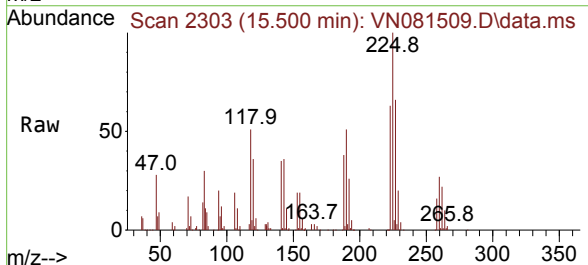
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

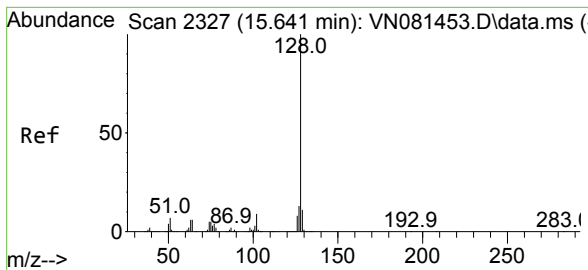
Tgt Ion:	180	Resp:	388962
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.6	139.7
145	32.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 52.917 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081509.D
 Acq: 21 Mar 2024 10:44

Tgt Ion:	225	Resp:	160593
Ion Ratio	Lower	Upper	
225	100		
223	61.3	33.3	99.8
227	63.9	33.1	99.2

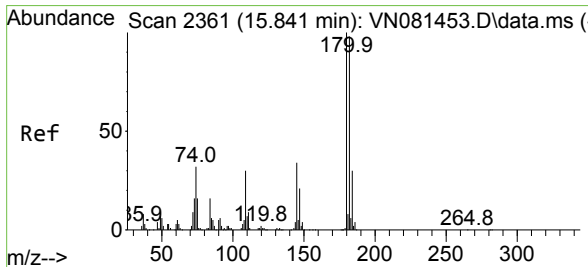
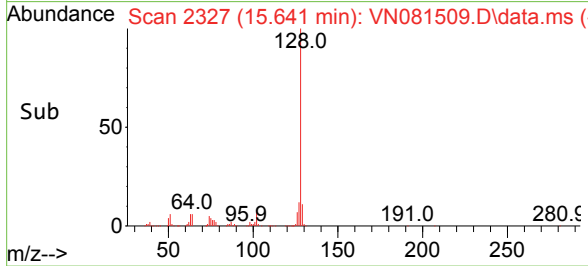
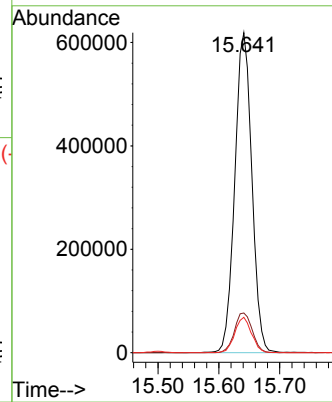
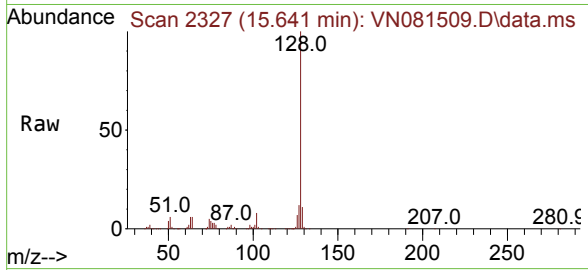




#95
Naphthalene
Concen: 53.702 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1203601
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.740 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081509.D
Acq: 21 Mar 2024 10:44

Tgt Ion:180 Resp: 380841
Ion Ratio Lower Upper
180 100
182 94.7 46.5 139.3
145 34.2 17.8 53.4

