

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081384.D
 Acq On : 12 Mar 2024 19:49
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 13 04:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	311214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	234039	52.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.020%	
35) Dibromofluoromethane	8.165	113	180793	51.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	10.571	98	677637	51.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.853	95	239498	51.531	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	213621	51.781	ug/l	99
3) Chloromethane	2.359	50	199154	44.691	ug/l	96
4) Vinyl Chloride	2.512	62	213991	46.032	ug/l	94
5) Bromomethane	2.948	94	132471	42.666	ug/l	100
6) Chloroethane	3.118	64	146508	45.885	ug/l	93
7) Trichlorofluoromethane	3.495	101	336883	48.986	ug/l	95
8) Diethyl Ether	3.965	74	118789	49.027	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	188396	48.106	ug/l	94
10) Methyl Iodide	4.583	142	199791	55.748	ug/l	96
11) Tert butyl alcohol	5.518	59	197434	250.924	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	171308	47.234	ug/l	88
13) Acrolein	4.177	56	181084	194.359	ug/l	96
14) Allyl chloride	5.024	41	252582	46.927	ug/l #	85
15) Acrylonitrile	5.718	53	468724	228.031	ug/l	95
16) Acetone	4.430	43	356753	223.767	ug/l	97
17) Carbon Disulfide	4.712	76	444561	42.947	ug/l	96
18) Methyl Acetate	5.030	43	244102	53.477	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	600704	48.835	ug/l	99
20) Methylene Chloride	5.283	84	195368	49.592	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	186821	45.689	ug/l	99
22) Diisopropyl ether	6.671	45	631254	52.803	ug/l #	95
23) Vinyl Acetate	6.600	43	2379309	244.987	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	363067	49.612	ug/l	98
25) 2-Butanone	7.483	43	594678	222.729	ug/l	94
26) 2,2-Dichloropropane	7.494	77	299704	46.337	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	222784	48.057	ug/l	89
28) Bromochloromethane	7.818	49	155063	49.520	ug/l #	70
29) Tetrahydrofuran	7.836	42	399759	219.570	ug/l	89
30) Chloroform	7.965	83	383602	50.513	ug/l	98
31) Cyclohexane	8.259	56	310410	45.564	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	339368	50.556	ug/l	95
36) 1,1-Dichloropropene	8.371	75	278560	49.085	ug/l	96
37) Ethyl Acetate	7.559	43	254617	45.897	ug/l	100
38) Carbon Tetrachloride	8.365	117	291104	50.967	ug/l	98
39) Methylcyclohexane	9.600	83	311060	47.627	ug/l	89
40) Benzene	8.606	78	812437	47.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	144538	46.137	ug/l	95
42) 1,2-Dichloroethane	8.677	62	297302	49.778	ug/l	100
43) Isopropyl Acetate	8.688	43	436615	44.966	ug/l	97
44) Trichloroethene	9.353	130	209515	49.041	ug/l	100
45) 1,2-Dichloropropane	9.624	63	208217	48.931	ug/l	100
46) Dibromomethane	9.706	93	149016	49.682	ug/l	93
47) Bromodichloromethane	9.888	83	300986	51.691	ug/l #	96
48) Methyl methacrylate	9.683	41	208377	48.550	ug/l	91
49) 1,4-Dioxane	9.694	88	80565	851.644	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1324535	234.930	ug/l	96
52) Toluene	10.630	92	507605	49.606	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	316345	50.212	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	340041	49.997	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	201390	49.630	ug/l	95
56) Ethyl methacrylate	10.877	69	298951	51.307	ug/l	93
57) 1,3-Dichloropropane	11.165	76	346663	48.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	773898	246.914	ug/l #	88
59) 2-Hexanone	11.194	43	990499	235.000	ug/l	99
60) Dibromochloromethane	11.359	129	212599	50.873	ug/l	99
61) 1,2-Dibromoethane	11.471	107	201187	47.784	ug/l	98
64) Tetrachloroethene	11.106	164	200503	49.627	ug/l	96
65) Chlorobenzene	11.894	112	532670	48.989	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	200840	50.478	ug/l	97
67) Ethyl Benzene	11.965	91	988949	50.492	ug/l	99
68) m/p-Xylenes	12.071	106	743368	100.848	ug/l	99
69) o-Xylene	12.400	106	362432	50.734	ug/l	99
70) Styrene	12.412	104	616309	54.440	ug/l	97
71) Bromoform	12.582	173	138010	49.962	ug/l #	97
73) Isopropylbenzene	12.700	105	961067	49.497	ug/l	98
74) N-amyl acetate	12.494	43	389409	47.798	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	259471	43.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	375165	66.056	ug/l	62
77) Bromobenzene	12.982	156	214765	46.651	ug/l	77
78) n-propylbenzene	13.035	91	1161321	50.567	ug/l	97
79) 2-Chlorotoluene	13.129	91	680097	48.448	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	816091	50.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	91941	45.178	ug/l	85
82) 4-Chlorotoluene	13.223	91	669975	48.319	ug/l	96
83) tert-Butylbenzene	13.441	119	696559	50.620	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	824177	50.682	ug/l	96
85) sec-Butylbenzene	13.618	105	985348	49.497	ug/l	95
86) p-Isopropyltoluene	13.729	119	825051	51.680	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	402588	46.313	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	394614	45.417	ug/l	99
89) n-Butylbenzene	14.059	91	737673	50.386	ug/l	96
90) Hexachloroethane	14.335	117	143844	51.464	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	379485	45.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56302	43.907	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	205668	46.134	ug/l	96
94) Hexachlorobutadiene	15.506	225	80104	43.485	ug/l	98
95) Naphthalene	15.647	128	756500	47.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	212308	46.960	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

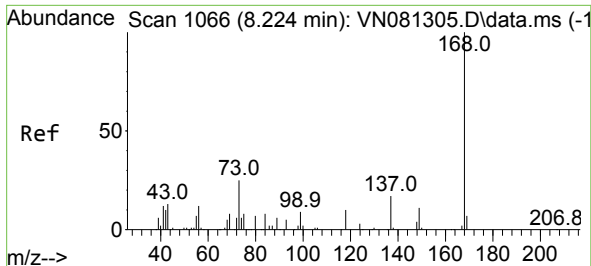
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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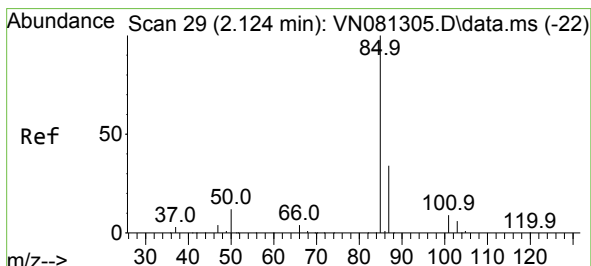
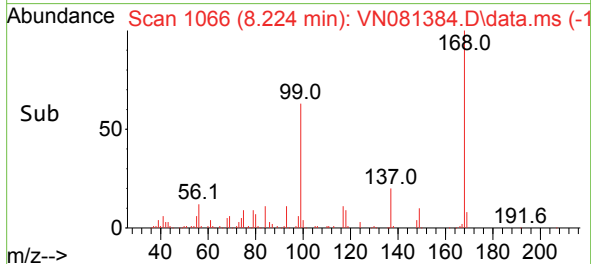
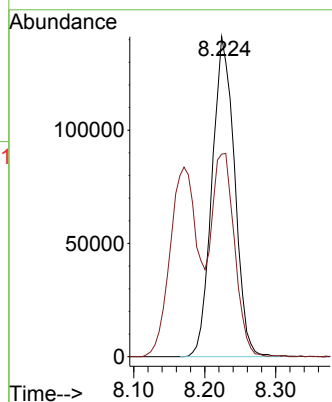
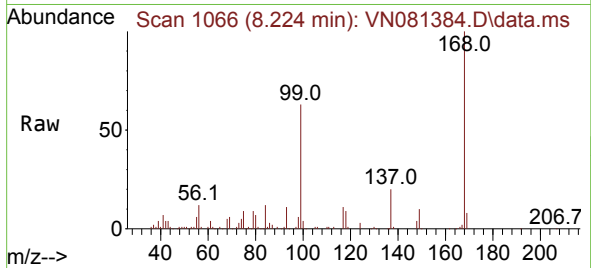




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

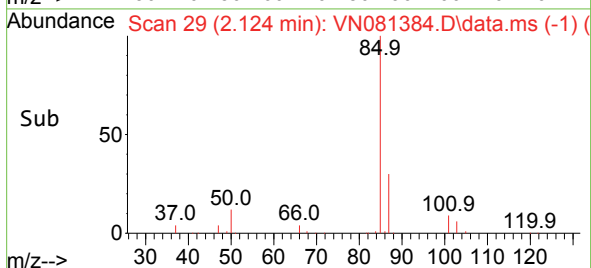
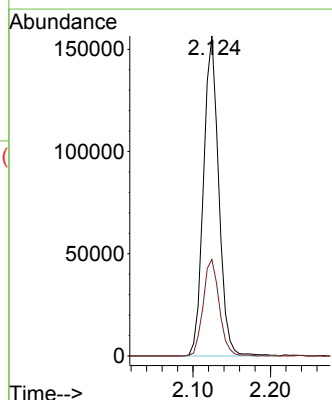
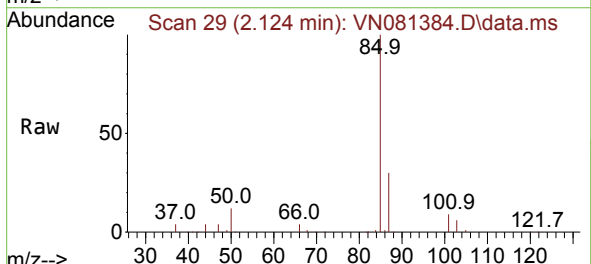
Instrument :
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VSTDCCC050EC

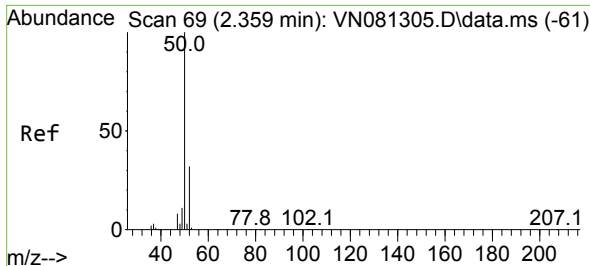
Tgt Ion:168 Resp: 311214
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 51.781 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 85 Resp: 213621
Ion Ratio Lower Upper
85 100
87 30.1 15.3 45.9

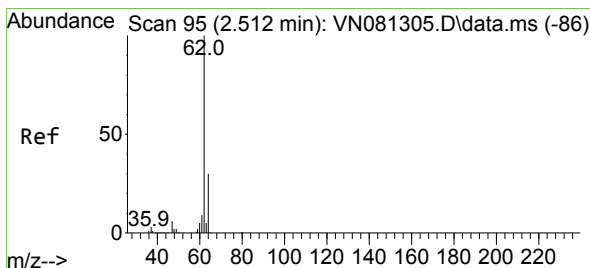
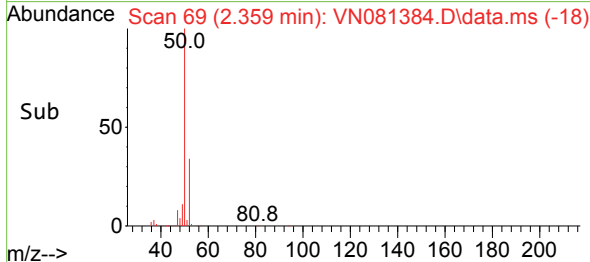
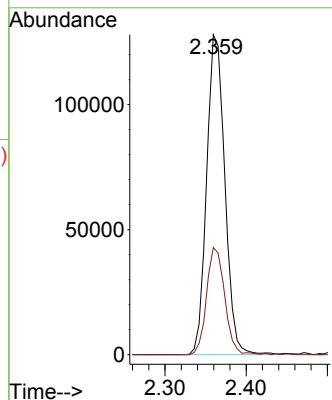
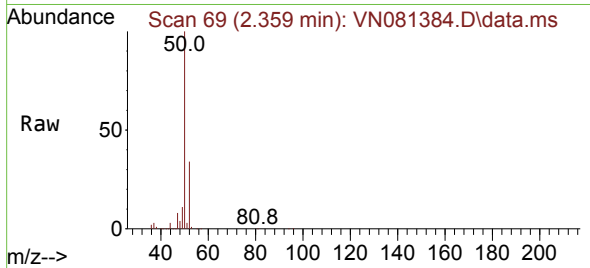




#3
Chloromethane
Concen: 44.691 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

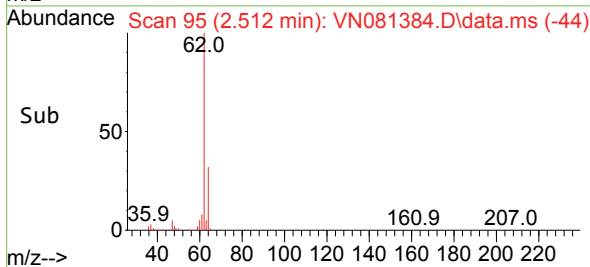
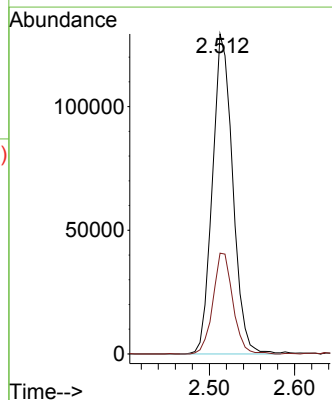
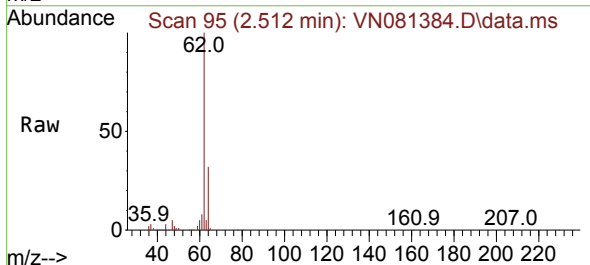
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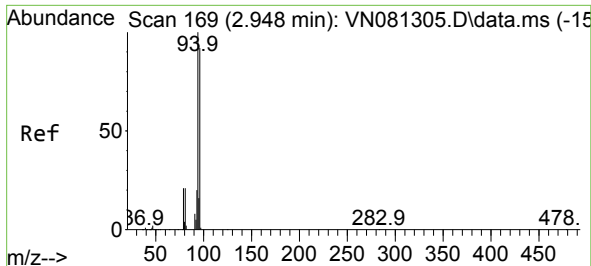
Tgt Ion: 50 Resp: 199154
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



#4
Vinyl Chloride
Concen: 46.032 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 62 Resp: 213991
Ion Ratio Lower Upper
62 100
64 31.5 22.7 34.1

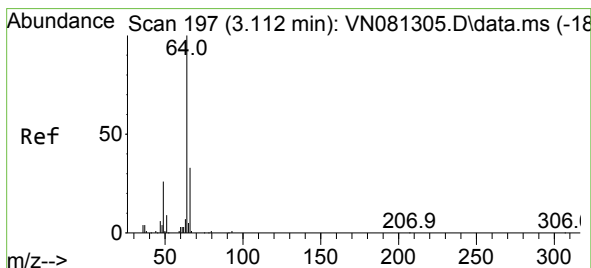
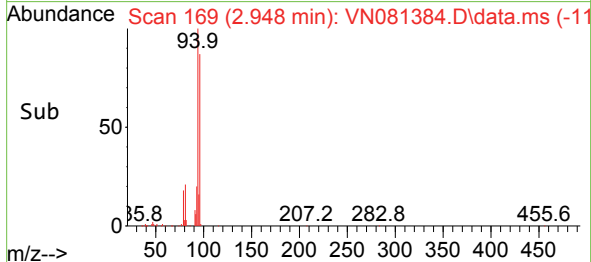
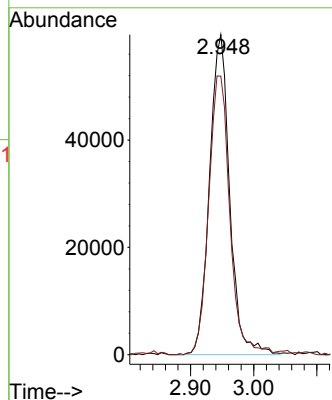
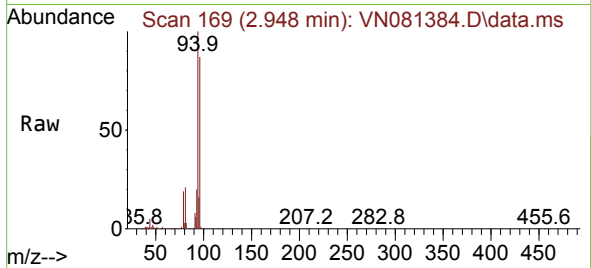




#5
Bromomethane
Concen: 42.666 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

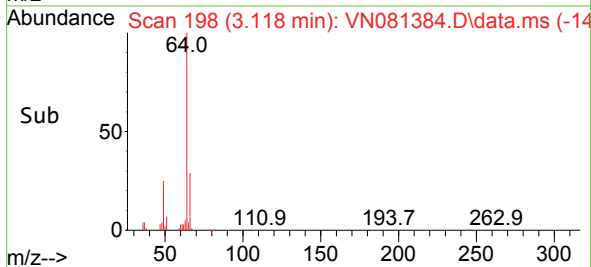
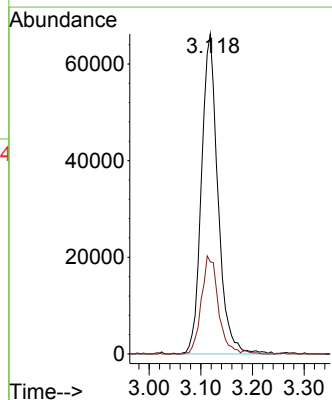
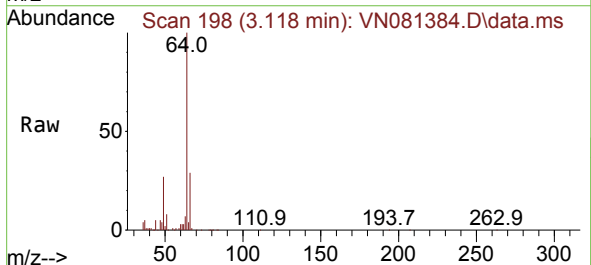
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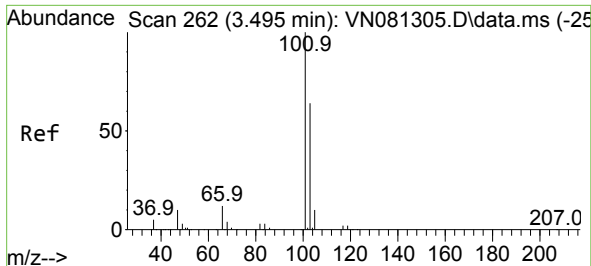
Tgt Ion: 94 Resp: 132471
Ion Ratio Lower Upper
94 100
96 86.7 69.2 103.8



#6
Chloroethane
Concen: 45.885 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 64 Resp: 146508
Ion Ratio Lower Upper
64 100
66 28.8 26.4 39.6

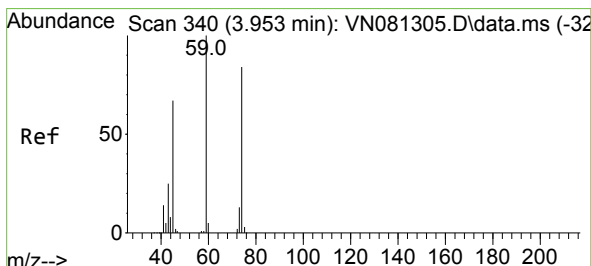
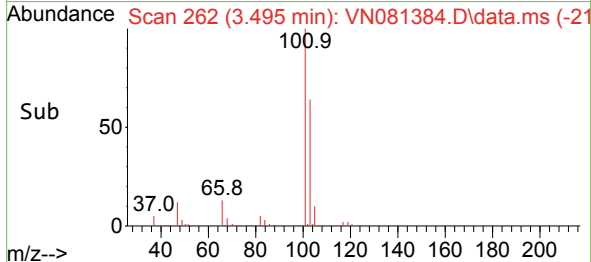
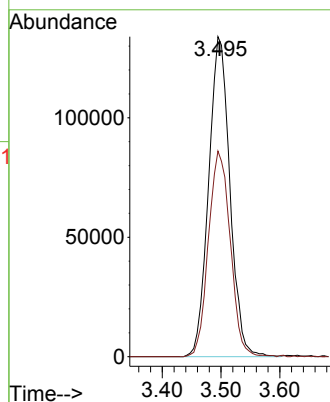
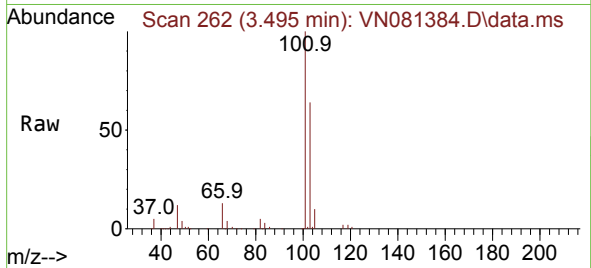




#7
 Trichlorofluoromethane
 Concen: 48.986 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

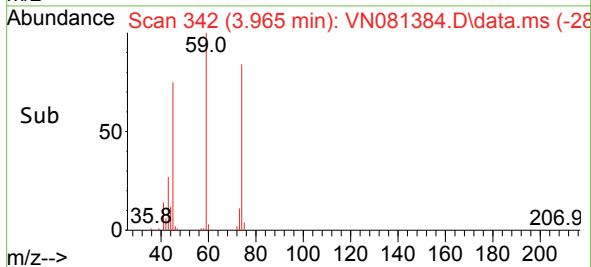
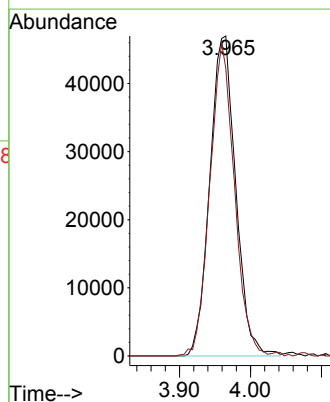
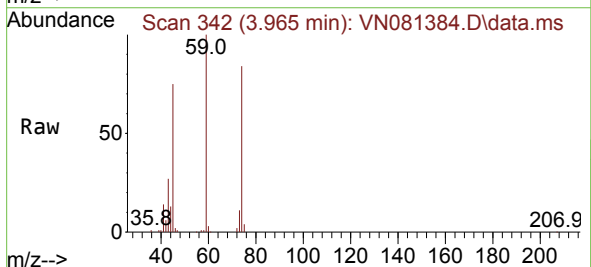
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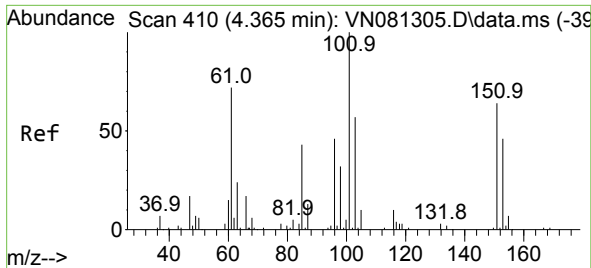
Tgt Ion:101 Resp: 336883
 Ion Ratio Lower Upper
 101 100
 103 64.2 54.4 81.6



#8
 Diethyl Ether
 Concen: 49.027 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion: 74 Resp: 118789
 Ion Ratio Lower Upper
 74 100
 45 92.7 53.3 159.9

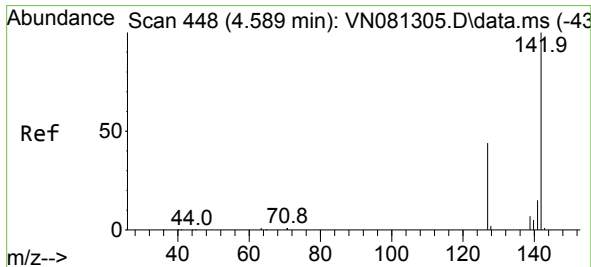
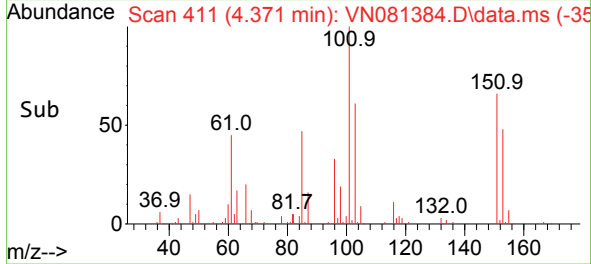
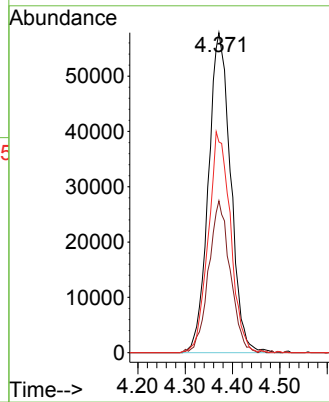
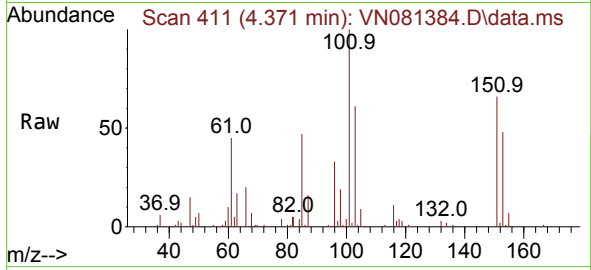




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.106 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081384.D
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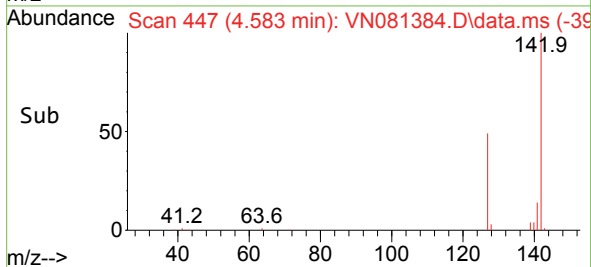
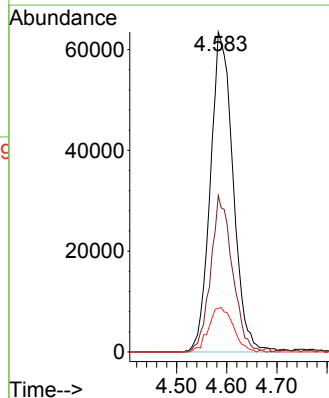
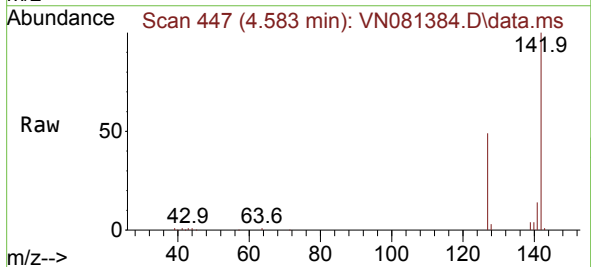
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

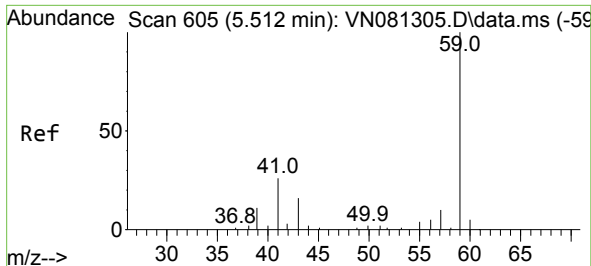
Tgt Ion:101 Resp: 188396
Ion Ratio Lower Upper
101 100
85 46.1 38.1 57.1
151 68.7 49.1 73.7



#10
Methyl Iodide
Concen: 55.748 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:142 Resp: 199791
Ion Ratio Lower Upper
142 100
127 48.9 37.0 55.4
141 13.6 12.5 18.7

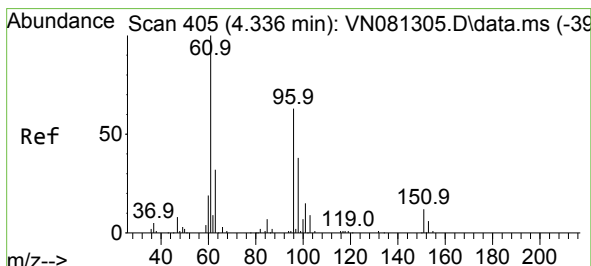
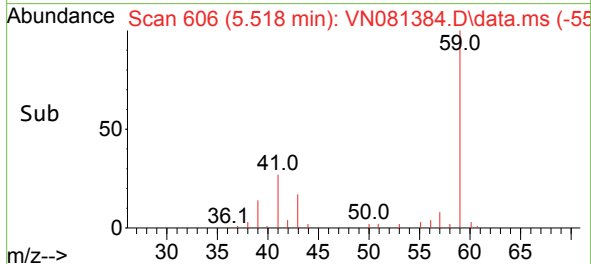
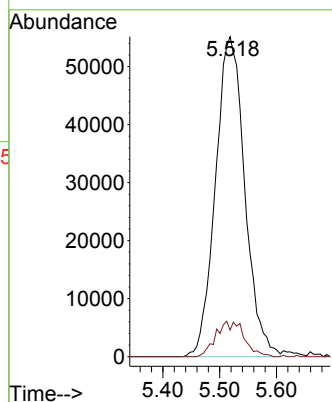
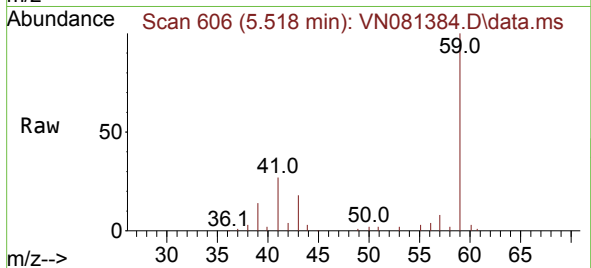




#11
Tert butyl alcohol
Concen: 250.924 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

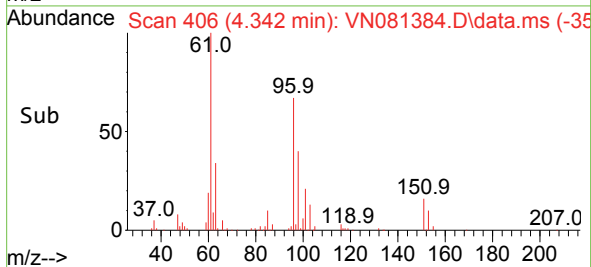
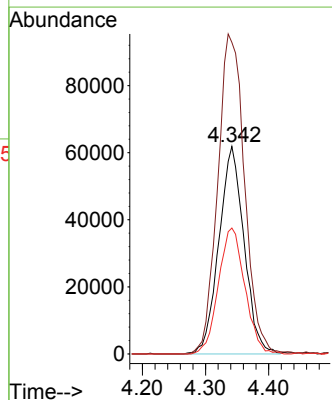
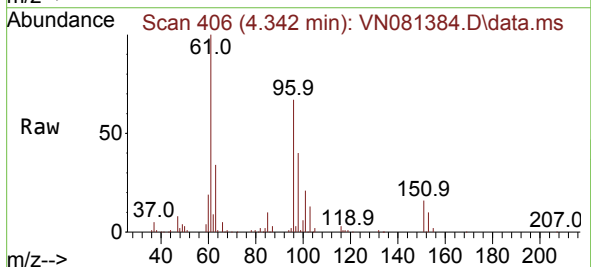
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

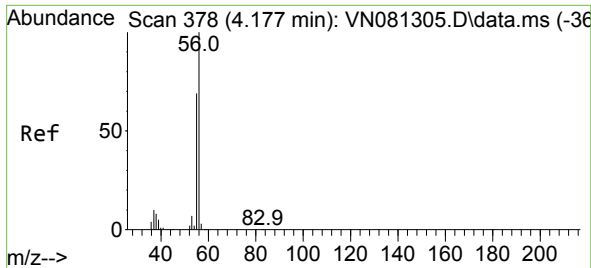
Tgt Ion: 59 Resp: 197434
Ion Ratio Lower Upper
59 100
57 5.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 47.234 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 96 Resp: 171308
Ion Ratio Lower Upper
96 100
61 150.2 138.2 207.4
98 60.7 49.2 73.8





#13

Acrolein

Concen: 194.359 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

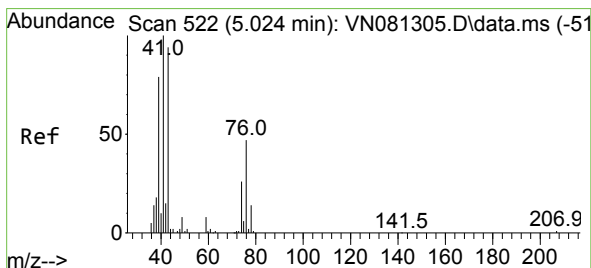
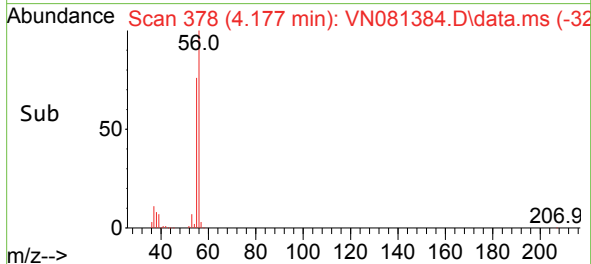
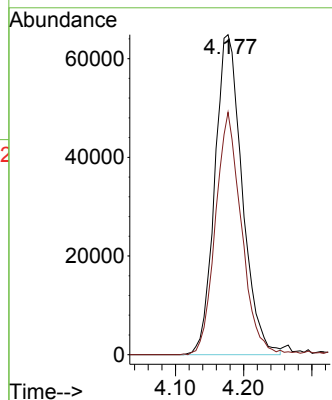
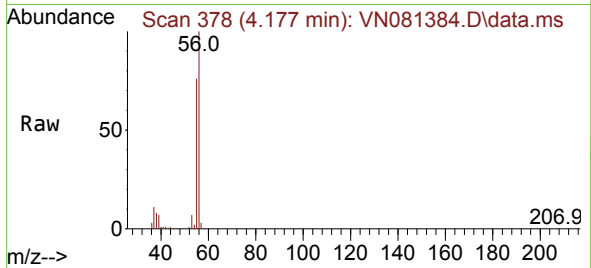
VSTDCCC050EC

Tgt Ion: 56 Resp: 181084

Ion Ratio Lower Upper

56 100

55 72.2 55.3 82.9



#14

Allyl chloride

Concen: 46.927 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

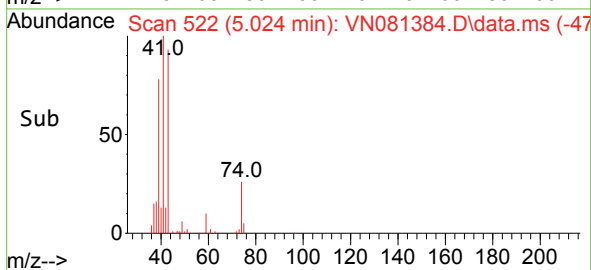
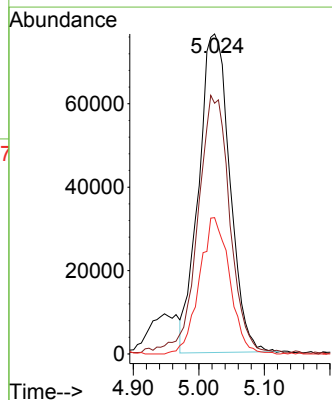
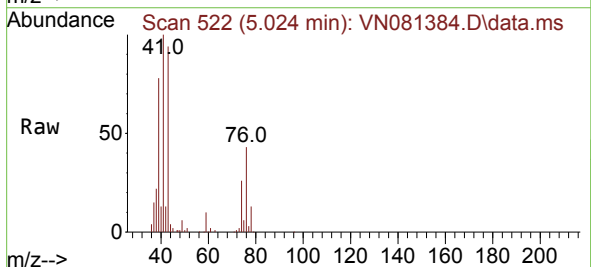
Tgt Ion: 41 Resp: 252582

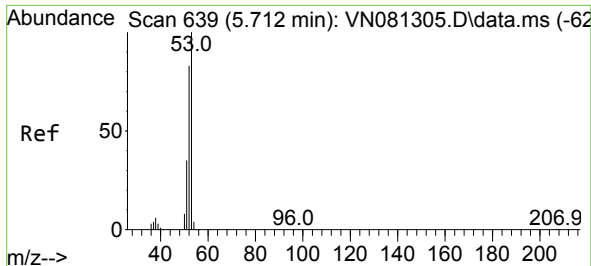
Ion Ratio Lower Upper

41 100

39 84.4 57.7 86.5

76 41.5 26.8 40.2#

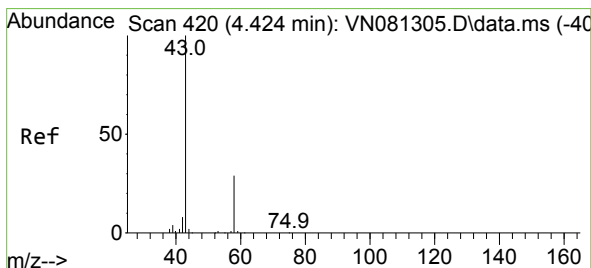
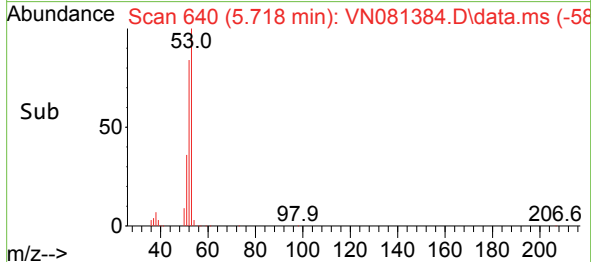
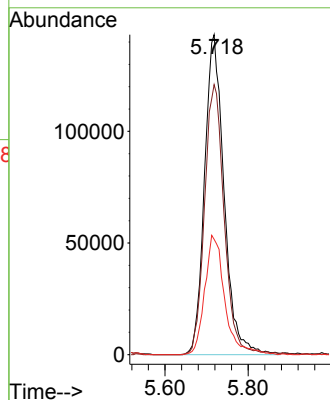
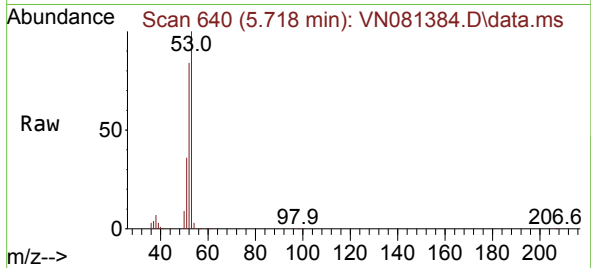




#15
Acrylonitrile
Concen: 228.031 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

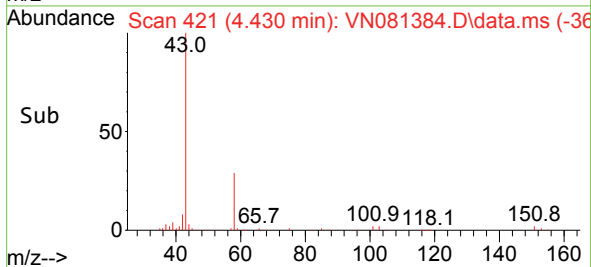
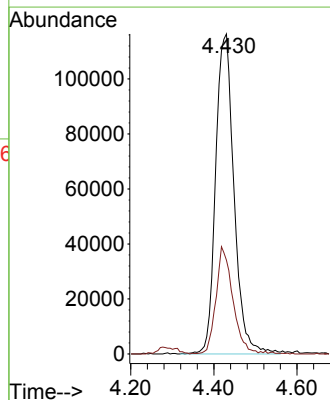
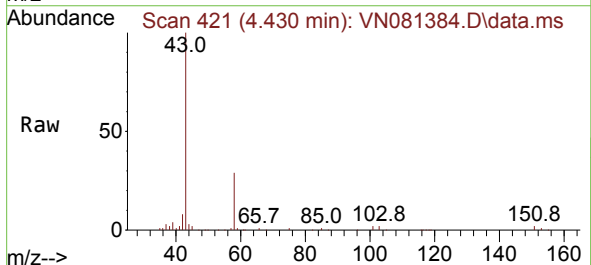
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

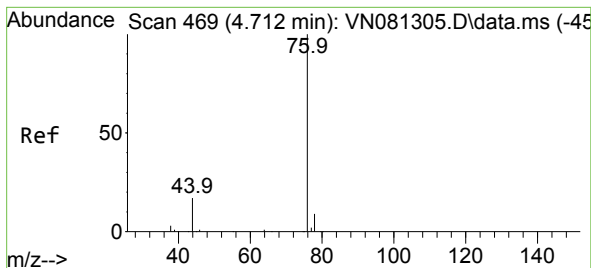
Tgt Ion: 53 Resp: 468724
Ion Ratio Lower Upper
53 100
52 84.9 64.8 97.2
51 38.1 26.9 40.3



#16
Acetone
Concen: 223.767 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 43 Resp: 356753
Ion Ratio Lower Upper
43 100
58 29.1 24.8 37.2





#17

Carbon Disulfide

Concen: 42.947 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

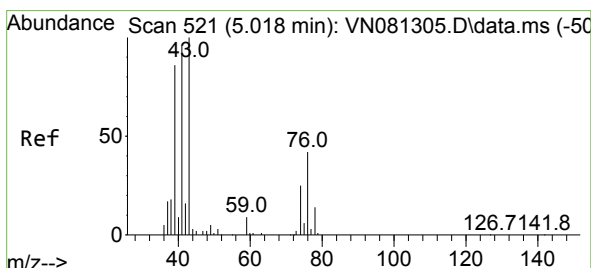
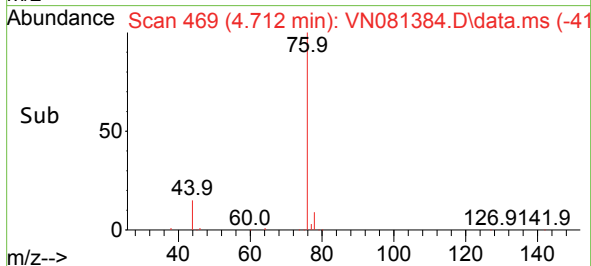
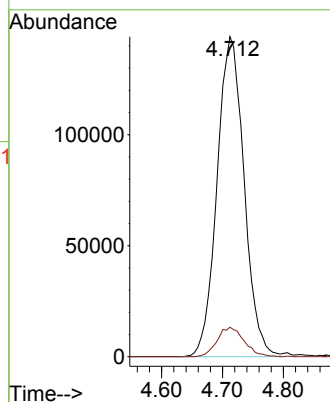
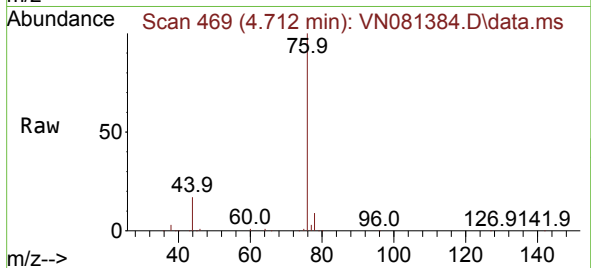
VSTDCCC050EC

Tgt Ion: 76 Resp: 444561

Ion Ratio Lower Upper

76 100

78 9.2 6.3 9.5



#18

Methyl Acetate

Concen: 53.477 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081384.D

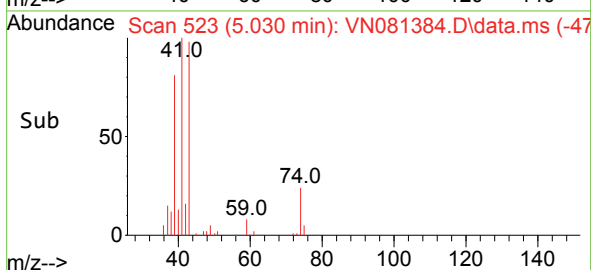
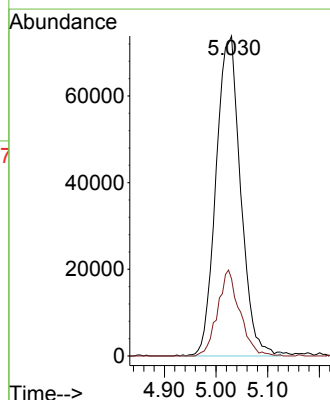
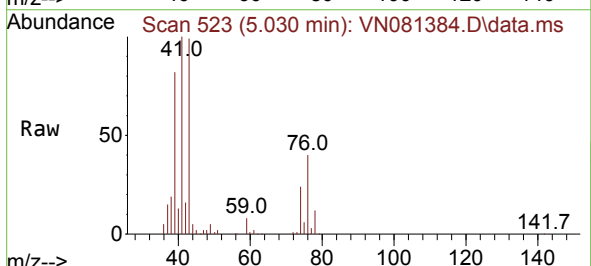
Acq: 12 Mar 2024 19:49

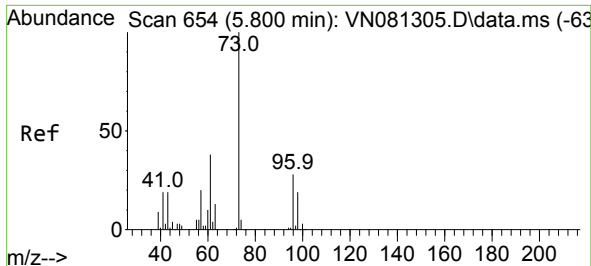
Tgt Ion: 43 Resp: 244102

Ion Ratio Lower Upper

43 100

74 24.3 17.3 25.9

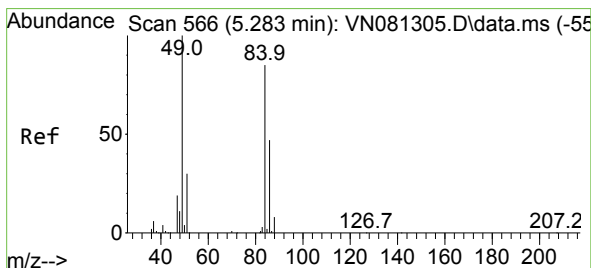
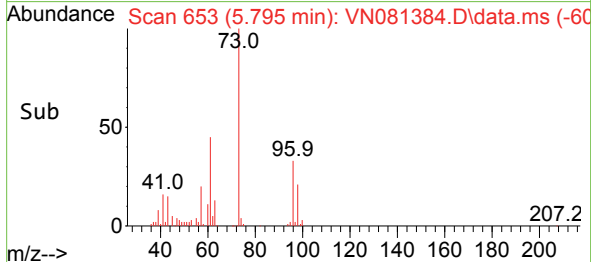
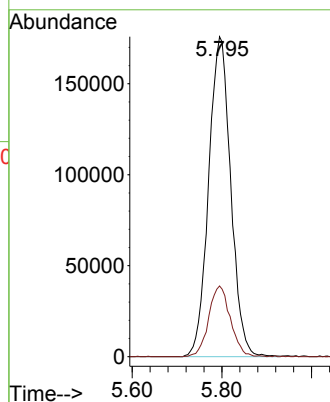
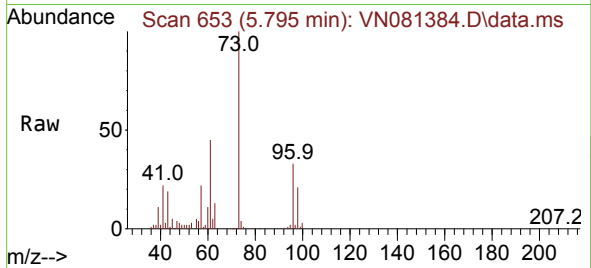




#19
Methyl tert-butyl Ether
Concen: 48.835 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

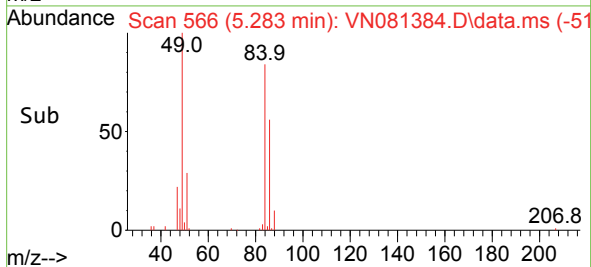
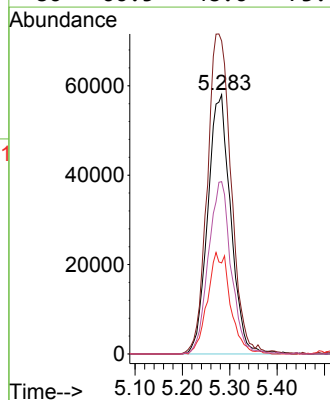
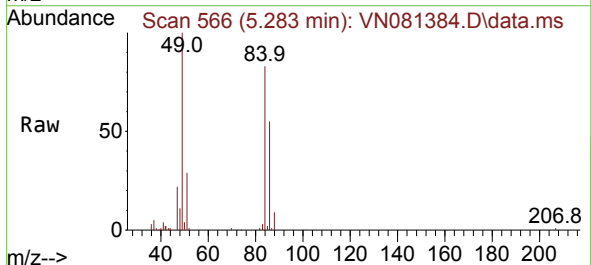
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

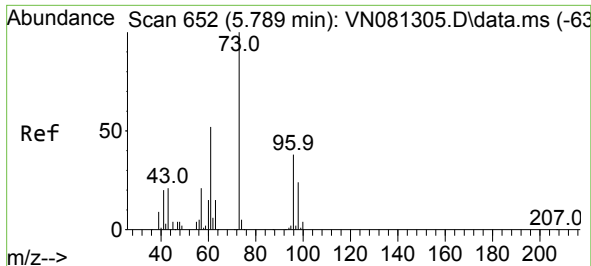
Tgt Ion: 73 Resp: 600704
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 49.592 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 84 Resp: 195368
Ion Ratio Lower Upper
84 100
49 120.8 108.1 162.1
51 35.1 32.9 49.3
86 66.5 48.6 73.0

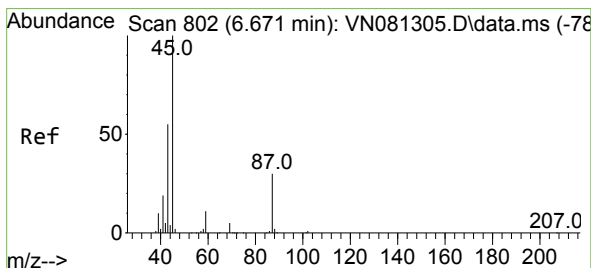
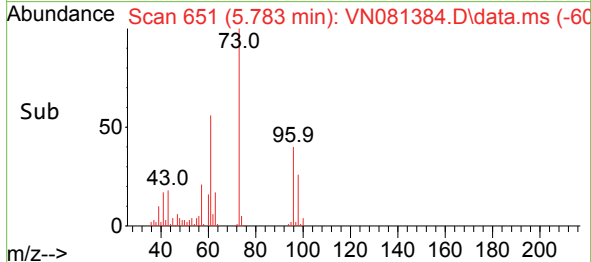
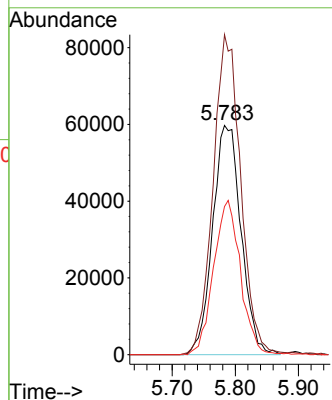
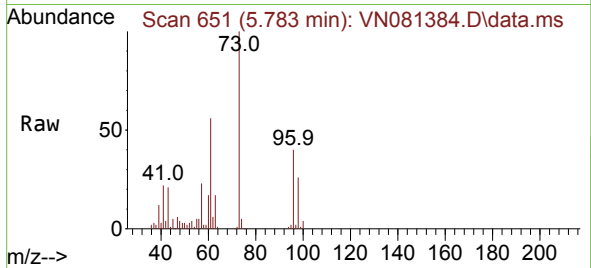




#21
trans-1,2-Dichloroethene
Concen: 45.689 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

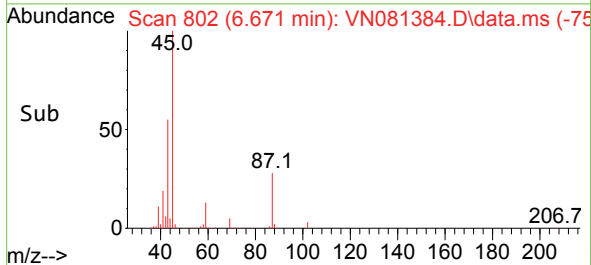
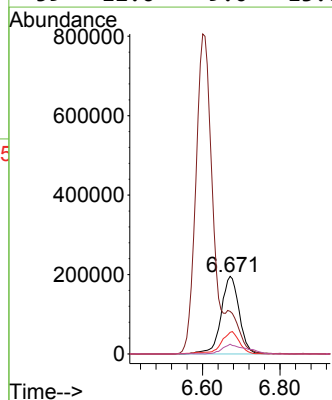
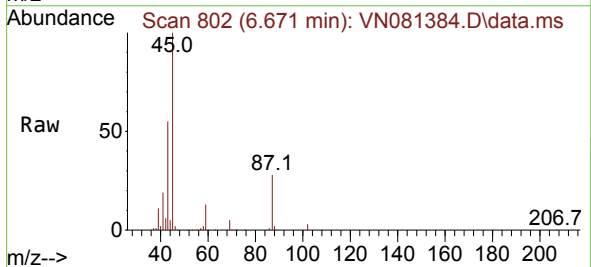
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

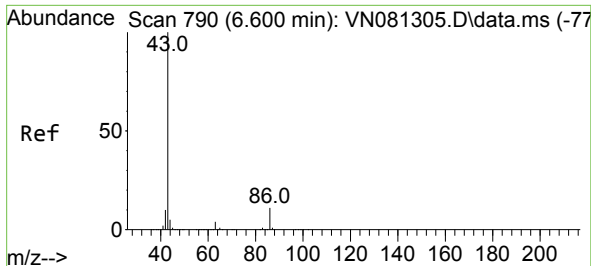
Tgt Ion: 96 Resp: 186821
Ion Ratio Lower Upper
96 100
61 139.5 112.8 169.2
98 64.6 51.0 76.4



#22
Diisopropyl ether
Concen: 52.803 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 45 Resp: 631254
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 27.8 18.1 27.1#
59 12.6 9.0 13.6

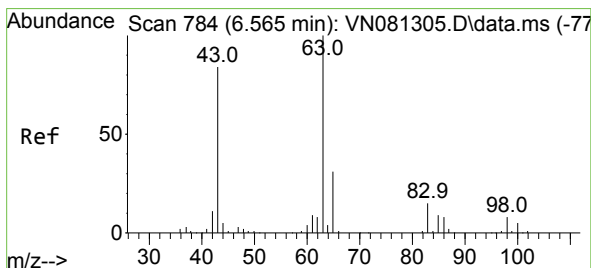
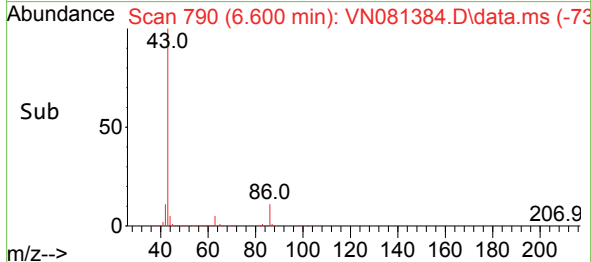
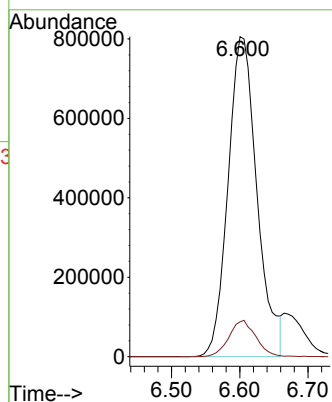
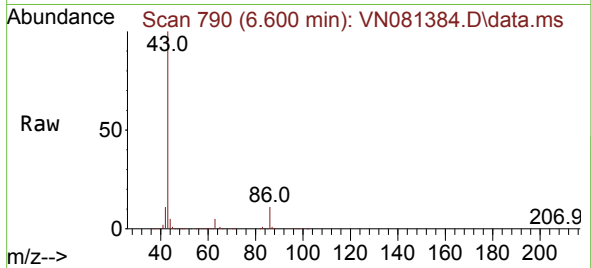




#23
 Vinyl Acetate
 Concen: 244.987 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

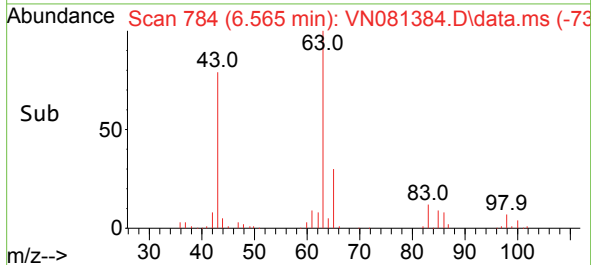
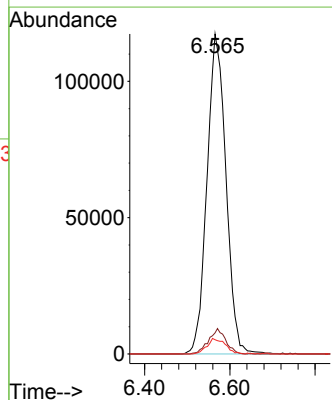
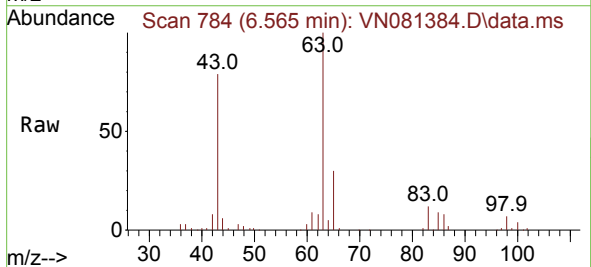
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

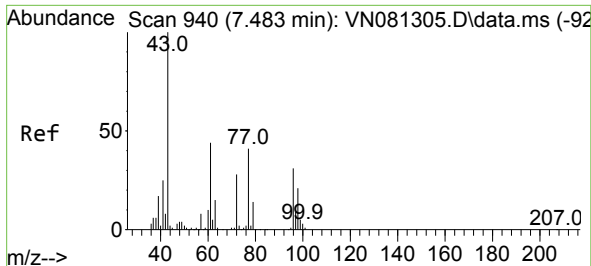
Tgt Ion: 43 Resp: 2379309
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.612 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion: 63 Resp: 363067
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.6
 100 4.4 1.9 5.7

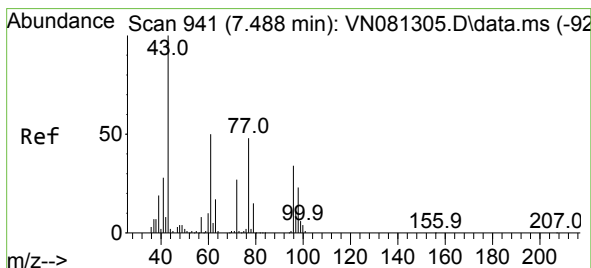
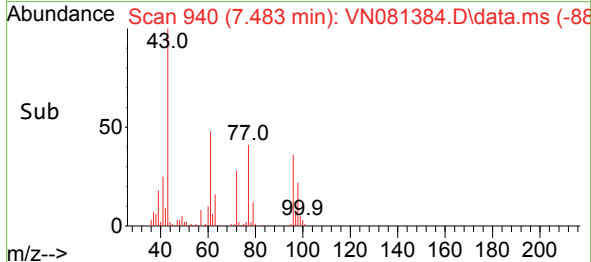
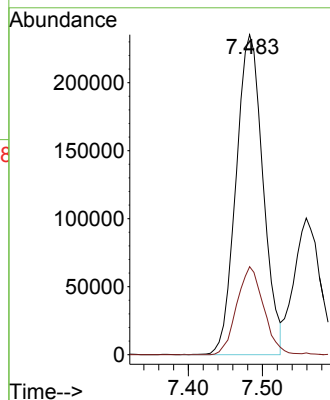
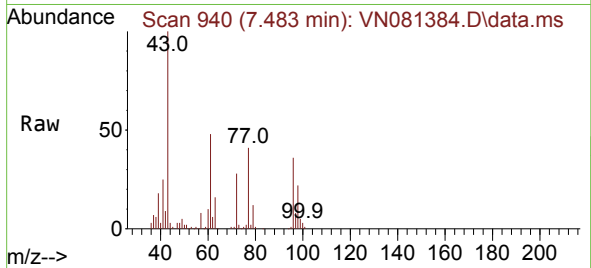




#25
2-Butanone
Concen: 222.729 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

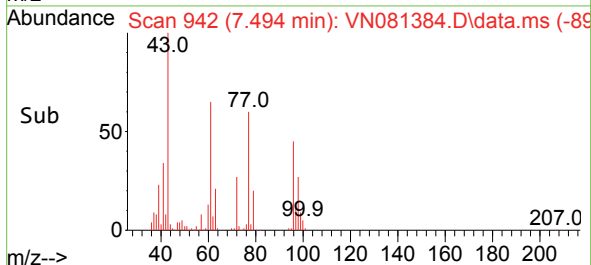
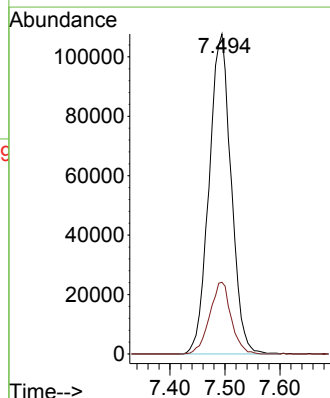
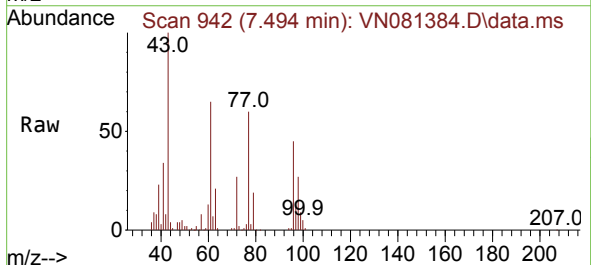
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

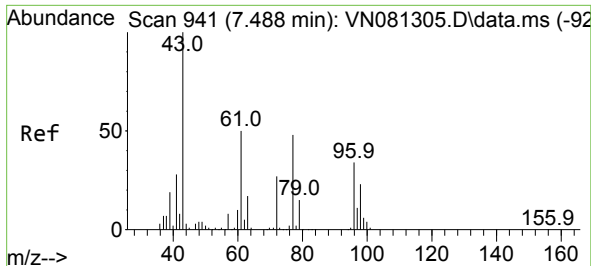
Tgt Ion: 43 Resp: 594678
Ion Ratio Lower Upper
43 100
72 27.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 46.337 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 77 Resp: 299704
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5

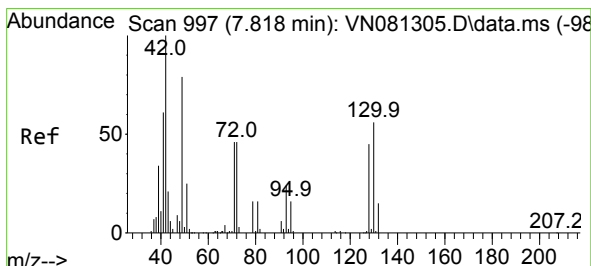
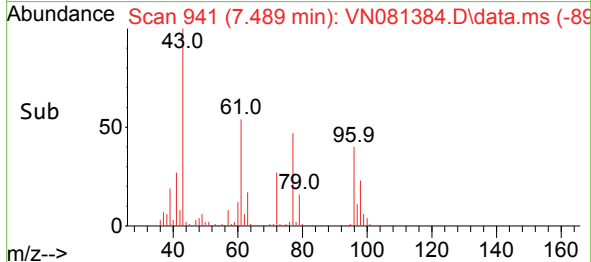
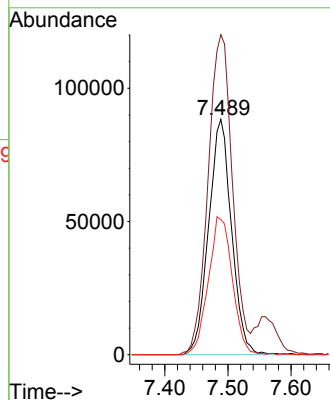
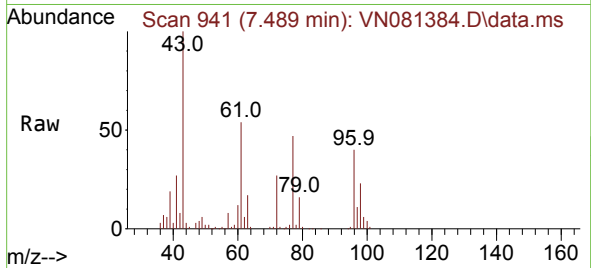




#27
 cis-1,2-Dichloroethene
 Concen: 48.057 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

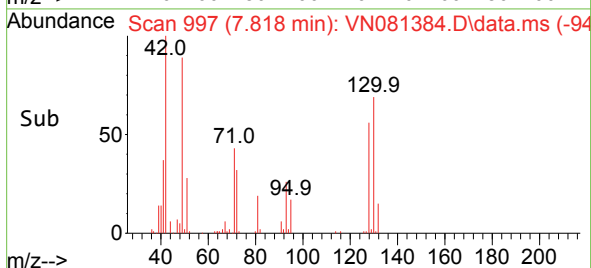
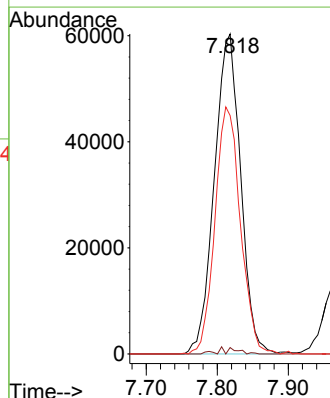
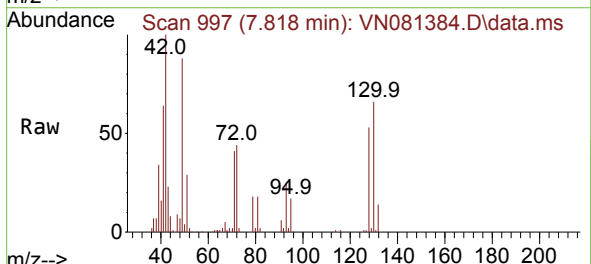
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

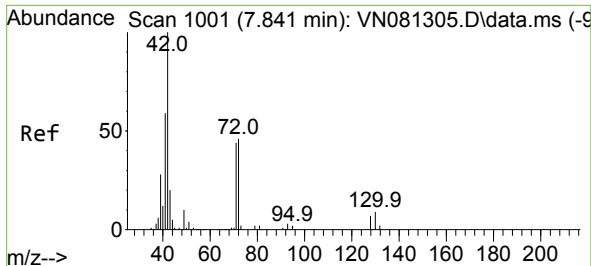
Tgt Ion: 96 Resp: 222784
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 325.4
 98 61.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.520 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion: 49 Resp: 155063
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.6
 130 74.7 42.3 63.5#

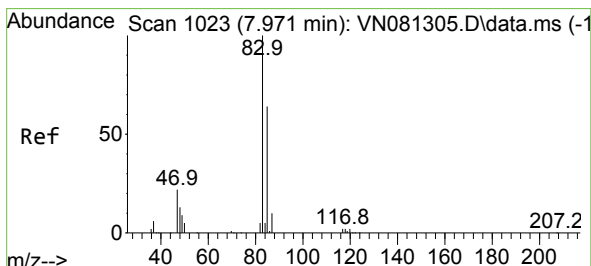
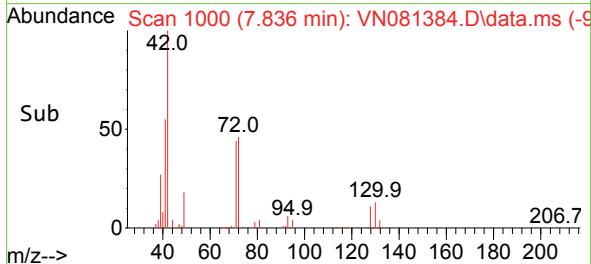
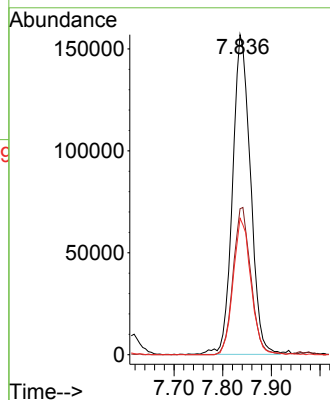
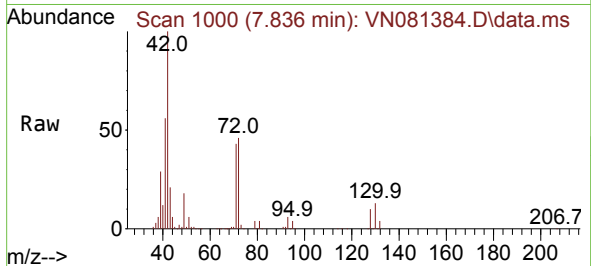




#29
Tetrahydrofuran
Concen: 219.570 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

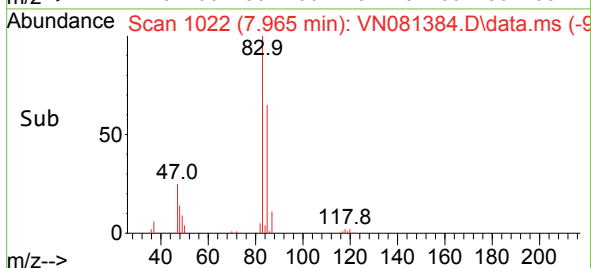
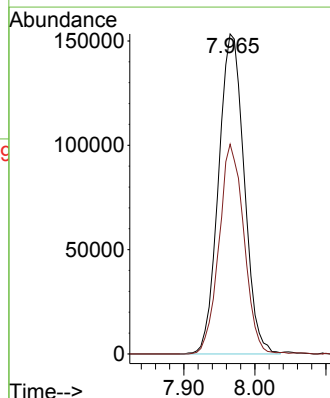
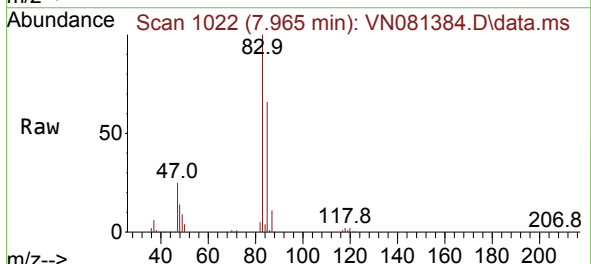
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

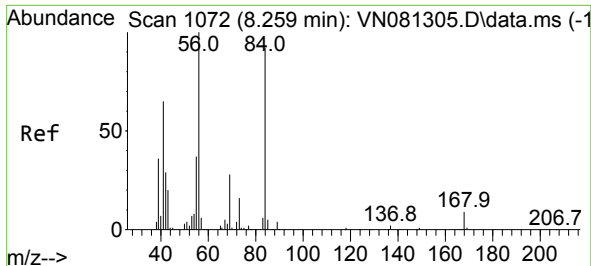
Tgt Ion: 42 Resp: 399759
Ion Ratio Lower Upper
42 100
72 45.5 31.1 46.7
71 42.3 28.3 42.5



#30
Chloroform
Concen: 50.513 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 83 Resp: 383602
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.6

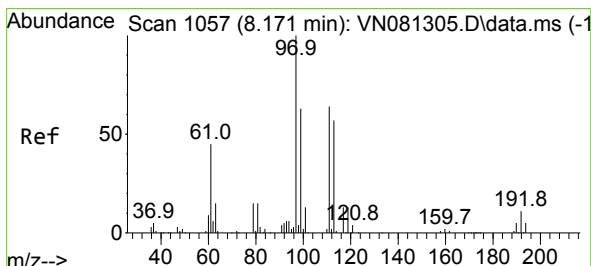
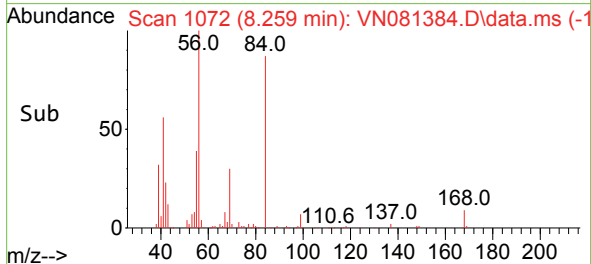
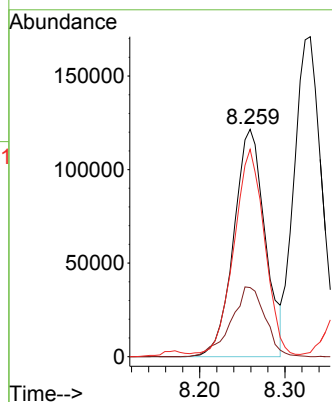
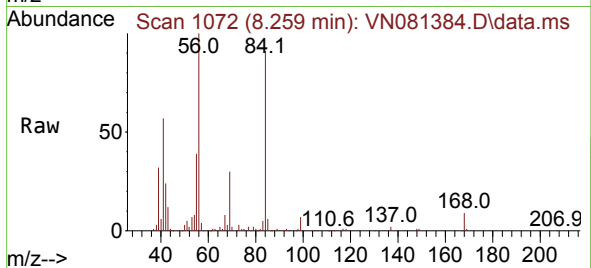




#31
Cyclohexane
Concen: 45.564 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

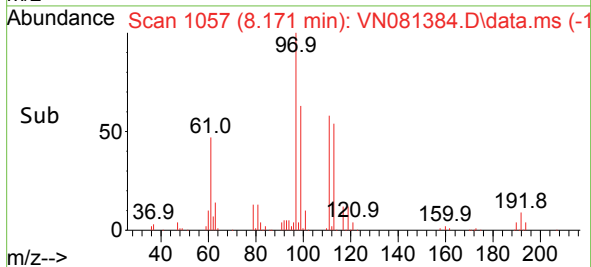
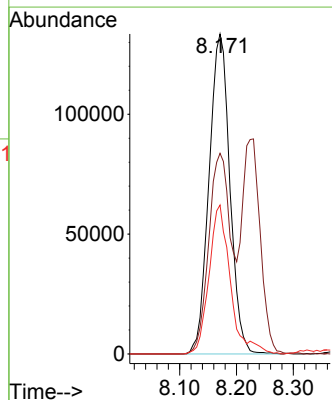
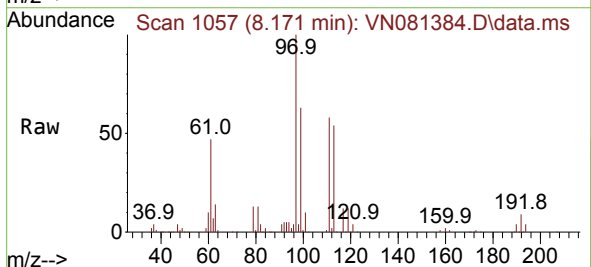
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

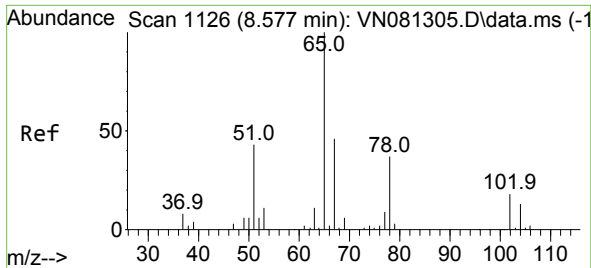
Tgt Ion: 56 Resp: 310410
Ion Ratio Lower Upper
56 100
69 30.4 20.1 30.1#
84 89.3 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 50.556 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 97 Resp: 339368
Ion Ratio Lower Upper
97 100
99 66.8 53.4 80.0
61 47.7 43.8 65.8

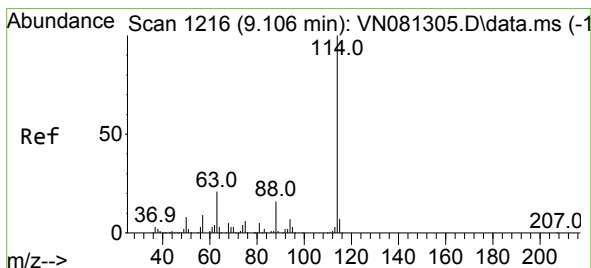
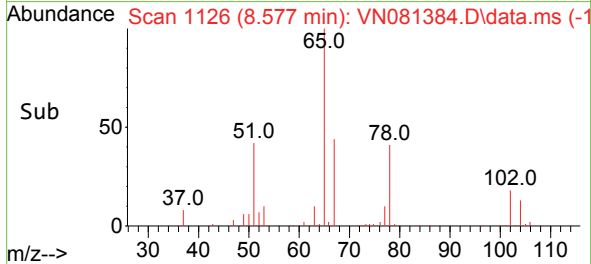
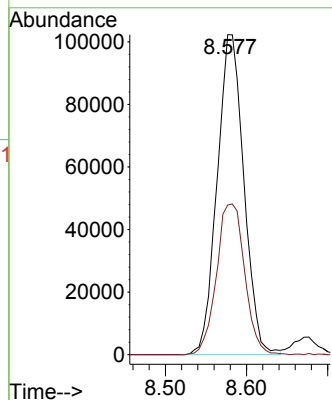
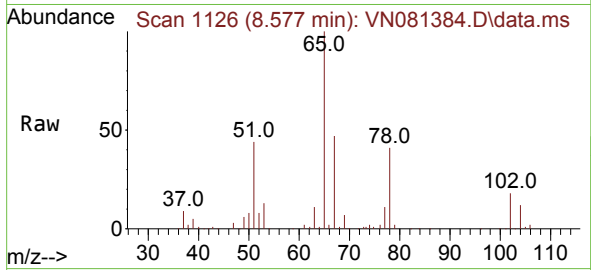




#33
 1,2-Dichloroethane-d4
 Concen: 52.011 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

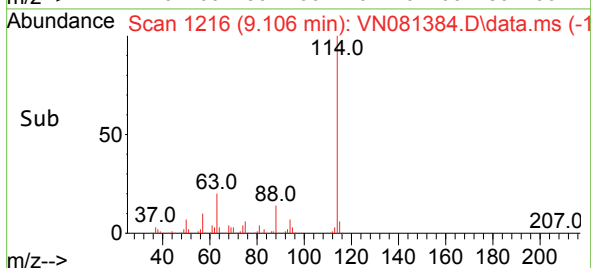
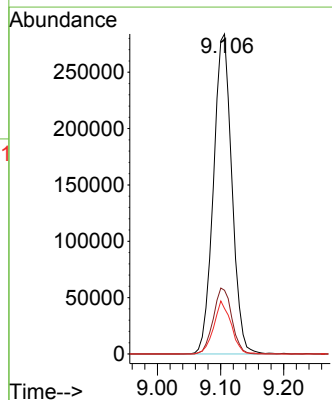
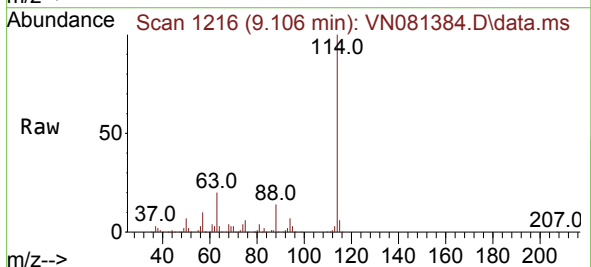
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

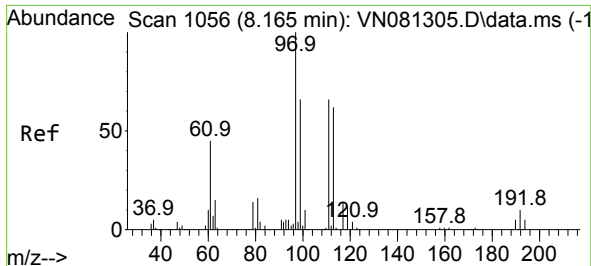
Tgt Ion: 65 Resp: 234039
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion: 114 Resp: 574154
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 48.0
 88 14.2 0.0 34.8

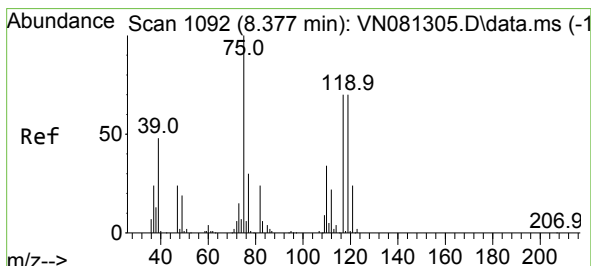
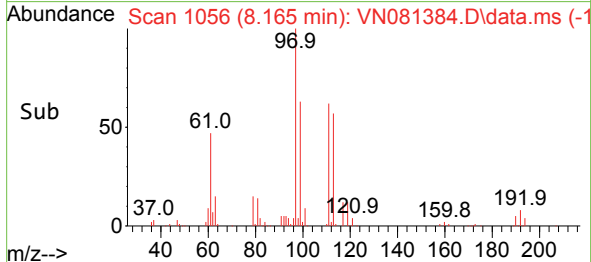
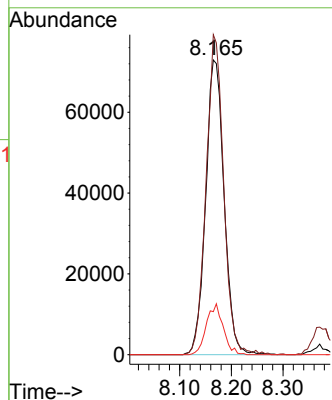
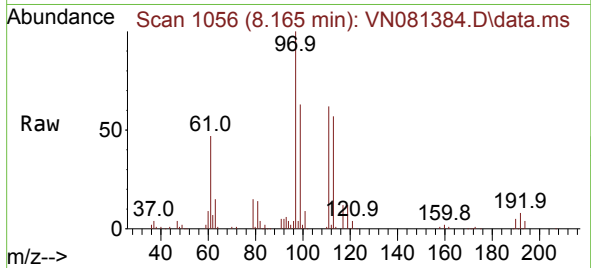




#35
Dibromofluoromethane
Concen: 51.396 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

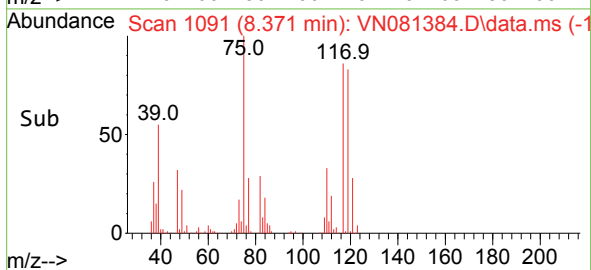
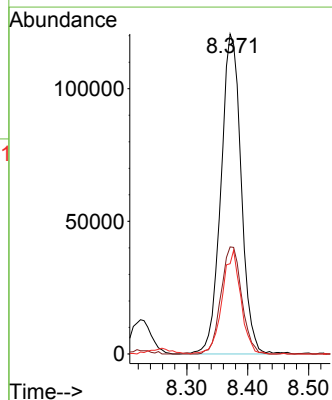
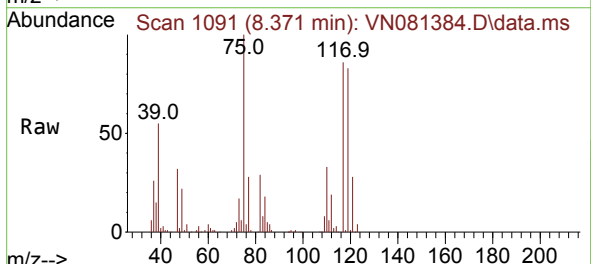
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

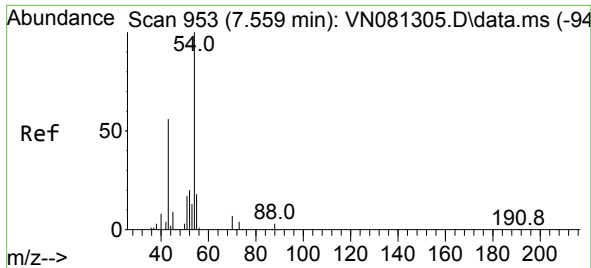
Tgt Ion:113 Resp: 180793
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 49.085 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 75 Resp: 278560
Ion Ratio Lower Upper
75 100
110 34.2 16.0 48.0
77 29.9 25.8 38.6

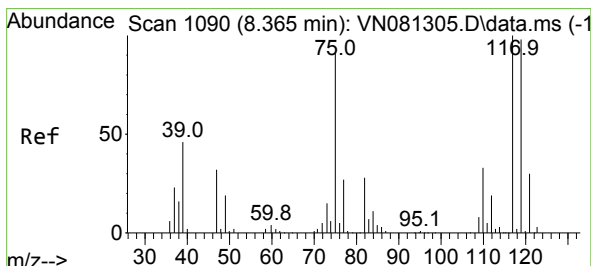
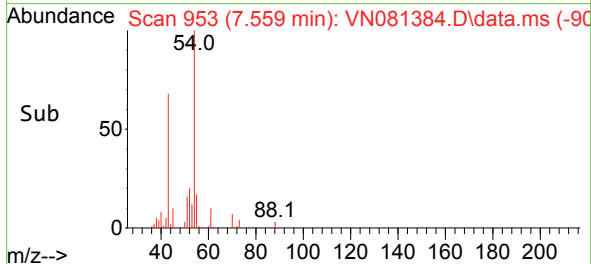
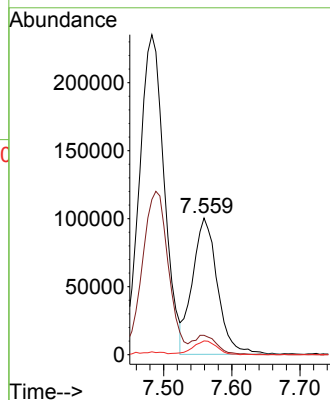
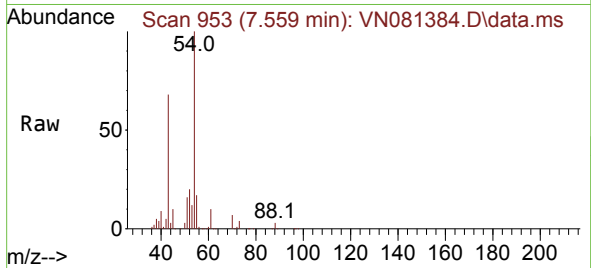




#37
Ethyl Acetate
Concen: 45.897 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

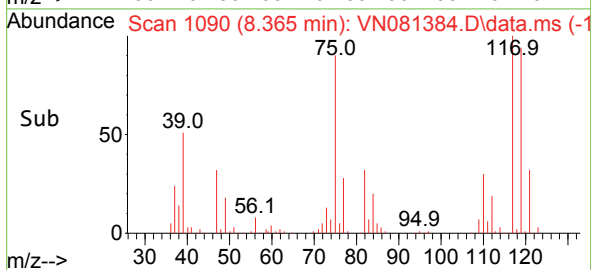
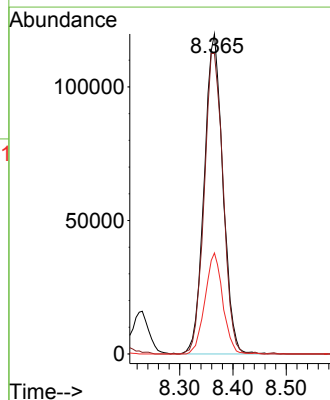
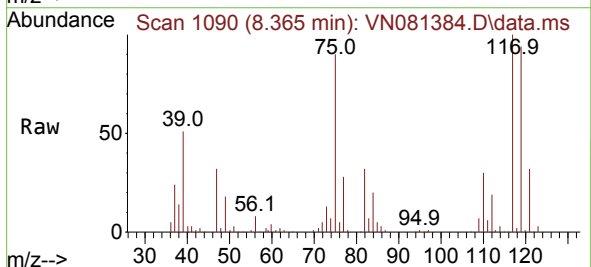
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

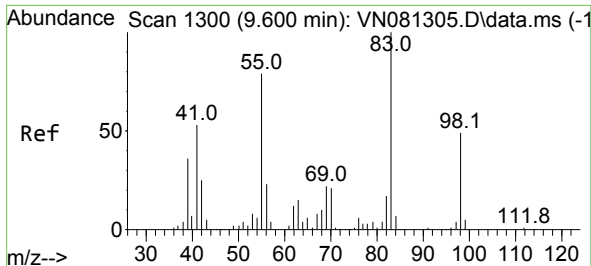
Tgt Ion: 43 Resp: 254617
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 9.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.967 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 117 Resp: 291104
Ion Ratio Lower Upper
117 100
119 93.9 73.4 110.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 47.627 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

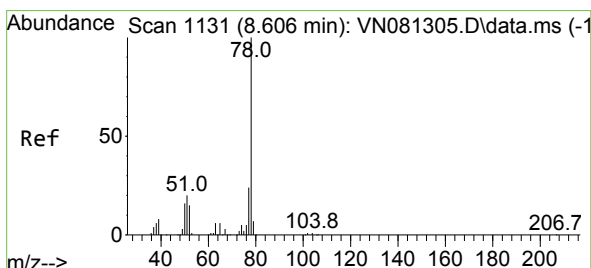
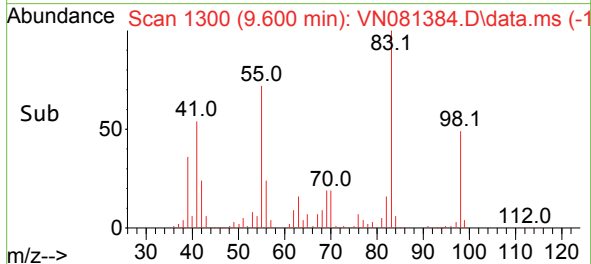
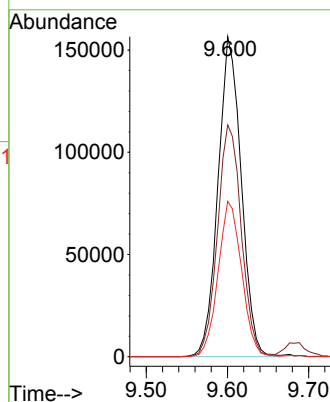
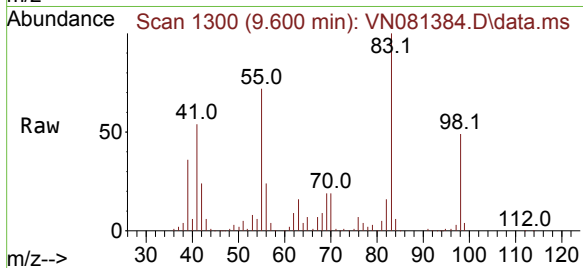
Tgt Ion: 83 Resp: 311060

Ion Ratio Lower Upper

83 100

55 72.5 65.7 98.5

98 48.6 33.8 50.6



#40

Benzene

Concen: 47.962 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081384.D

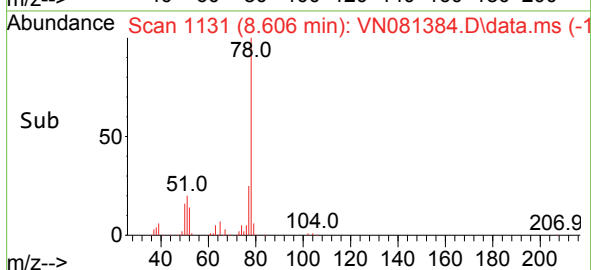
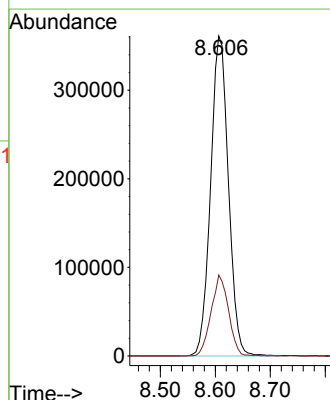
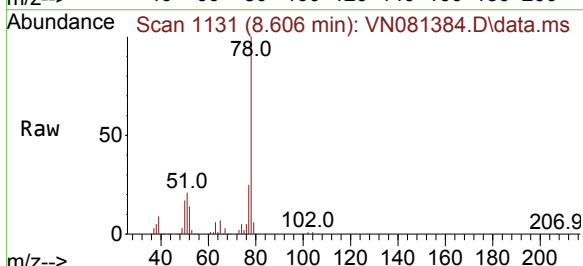
Acq: 12 Mar 2024 19:49

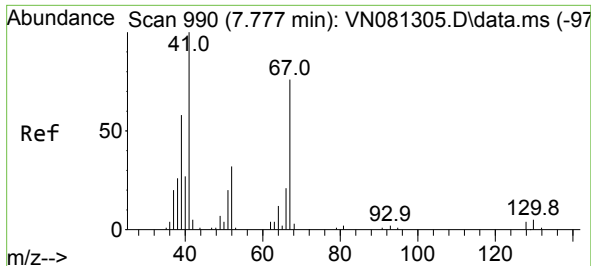
Tgt Ion: 78 Resp: 812437

Ion Ratio Lower Upper

78 100

77 25.3 20.4 30.6

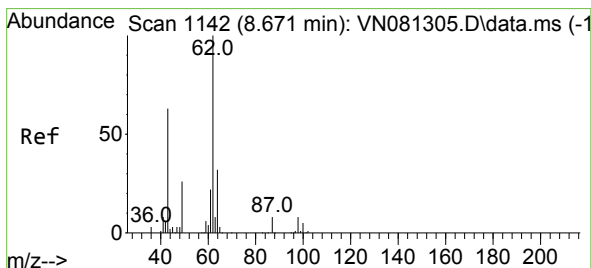
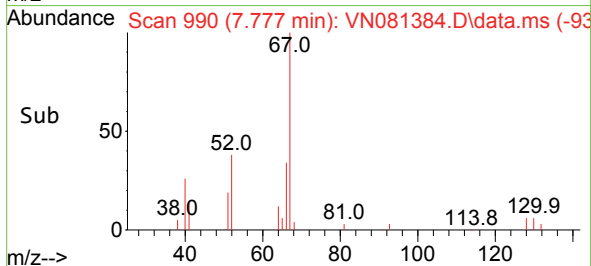
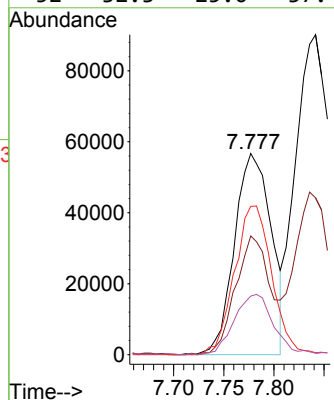
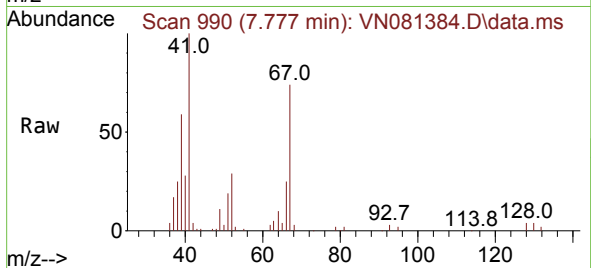




#41
Methacrylonitrile
Concen: 46.137 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

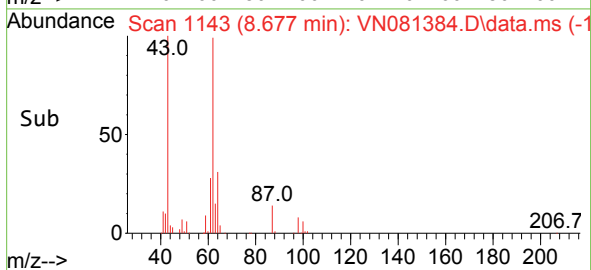
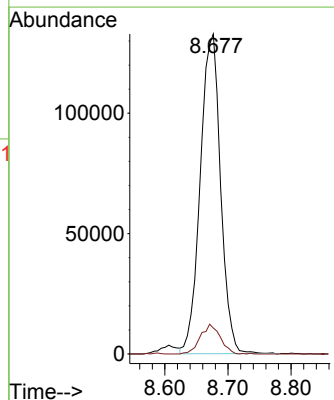
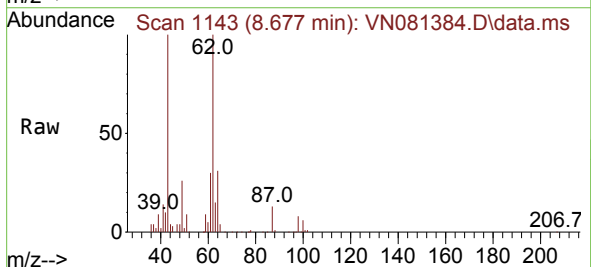
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

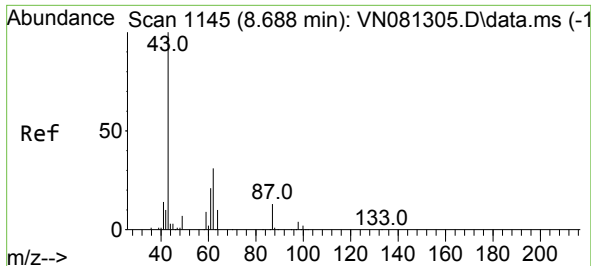
Tgt Ion:	41	Resp:	144538
Ion	Ratio	Lower	Upper
41	100		
39	56.2	48.4	72.6
67	75.4	56.8	85.2
52	32.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 49.778 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:	62	Resp:	297302
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

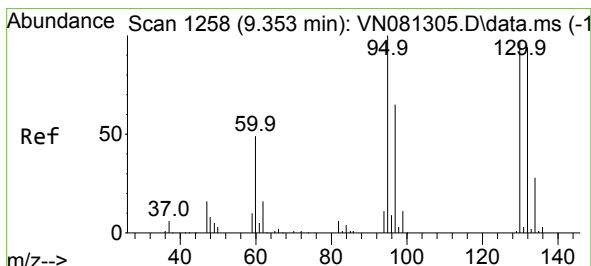
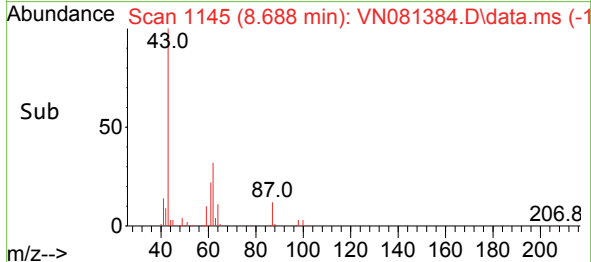
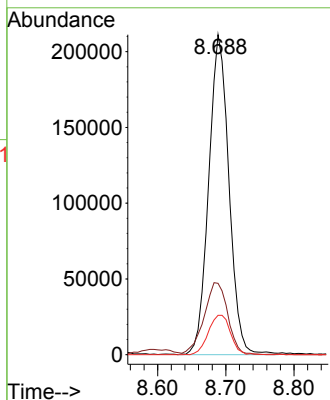
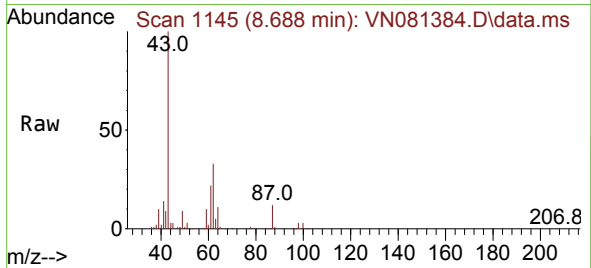




#43
Isopropyl Acetate
Concen: 44.966 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

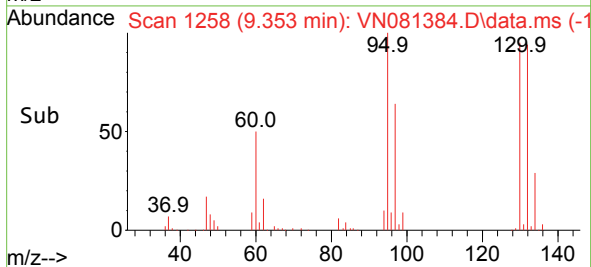
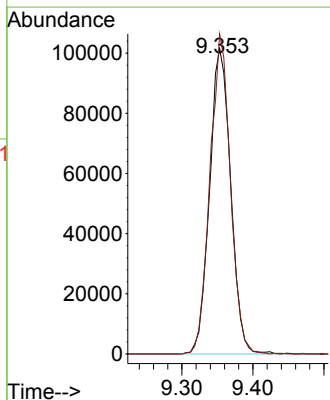
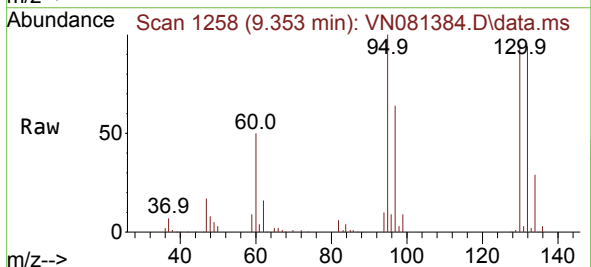
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

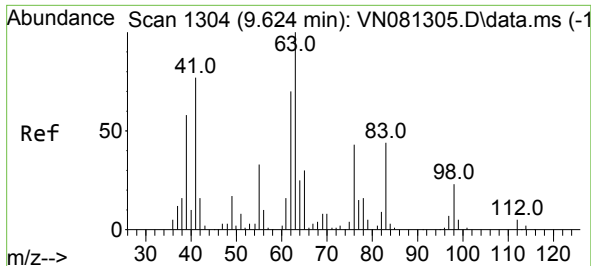
Tgt Ion: 43 Resp: 436615
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.5 9.0 13.6



#44
Trichloroethene
Concen: 49.041 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:130 Resp: 209515
Ion Ratio Lower Upper
130 100
95 104.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.931 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

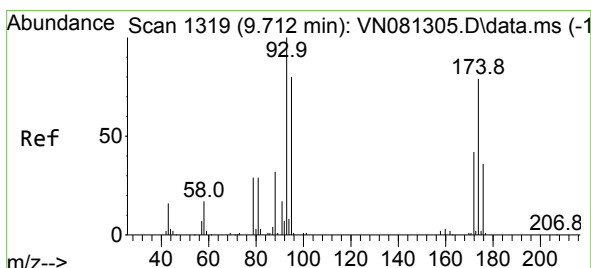
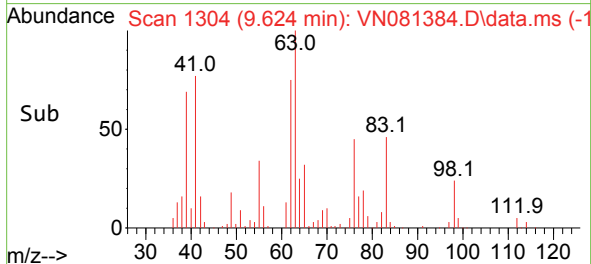
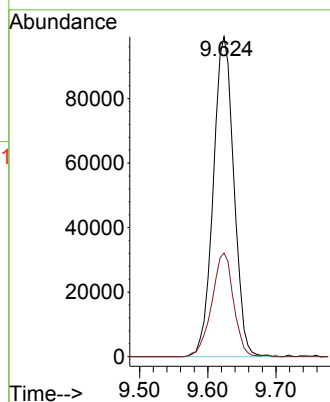
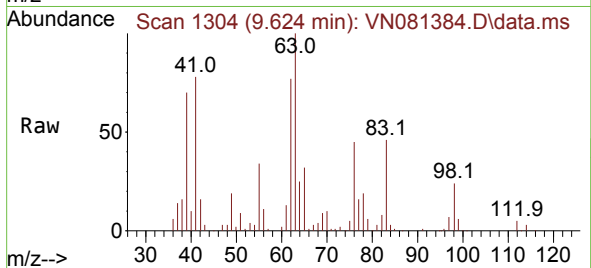
VSTDCCC050EC

Tgt Ion: 63 Resp: 208217

Ion Ratio Lower Upper

63 100

65 32.4 26.1 39.1



#46

Dibromomethane

Concen: 49.682 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

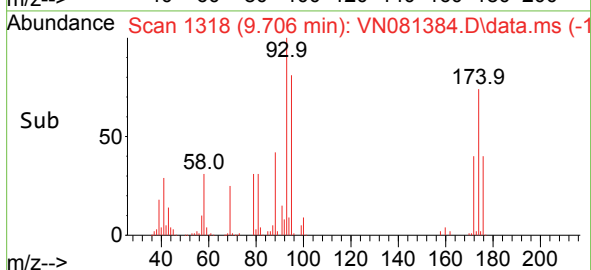
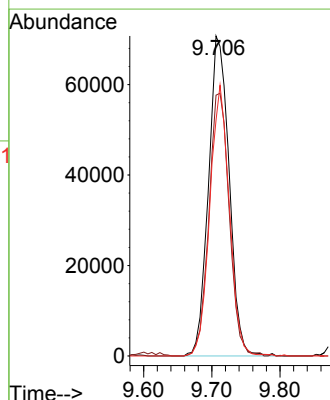
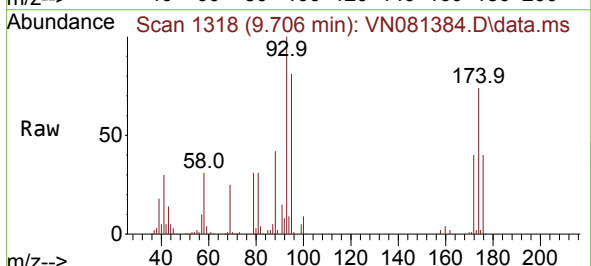
Tgt Ion: 93 Resp: 149016

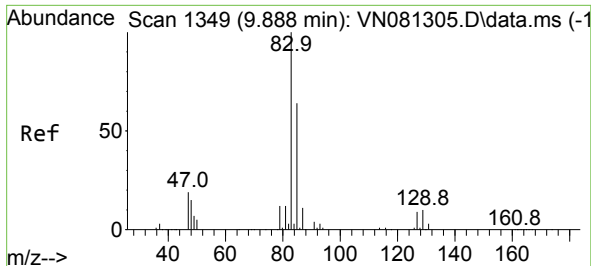
Ion Ratio Lower Upper

93 100

95 81.0 68.1 102.1

174 79.9 57.2 85.8





#47

Bromodichloromethane

Concen: 51.691 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

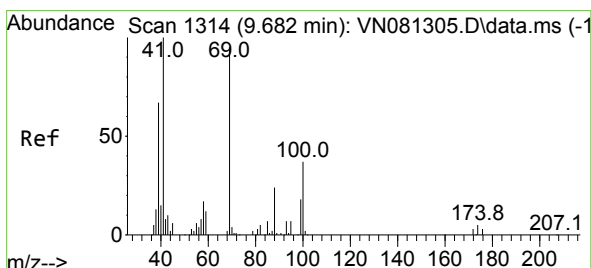
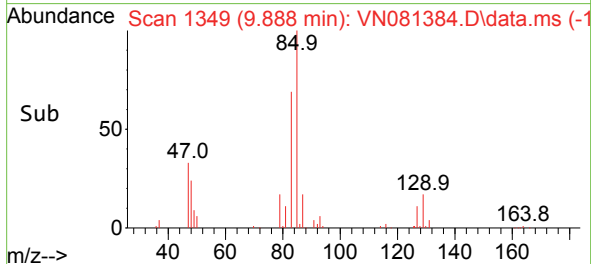
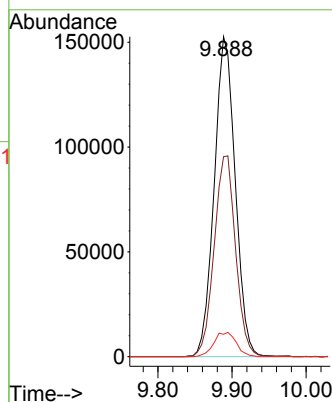
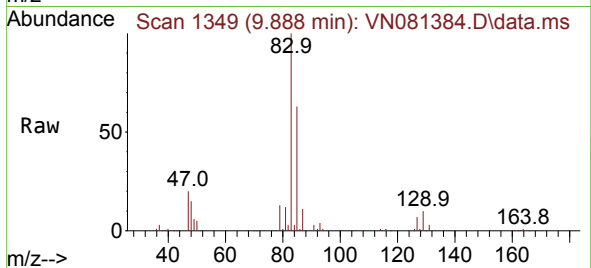
Tgt Ion: 83 Resp: 300986

Ion Ratio Lower Upper

83 100

85 62.5 52.3 78.5

127 7.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 48.550 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

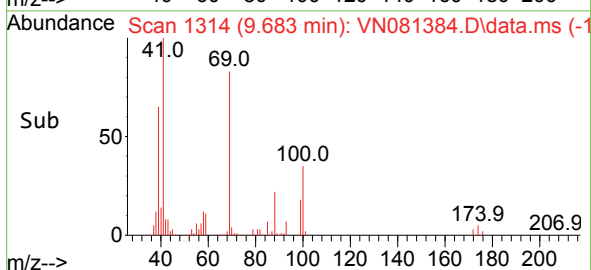
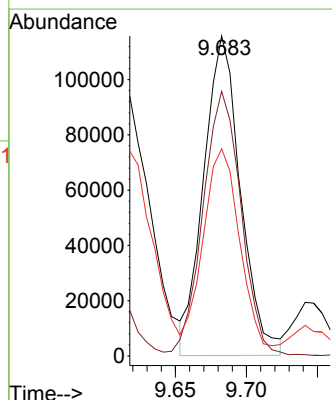
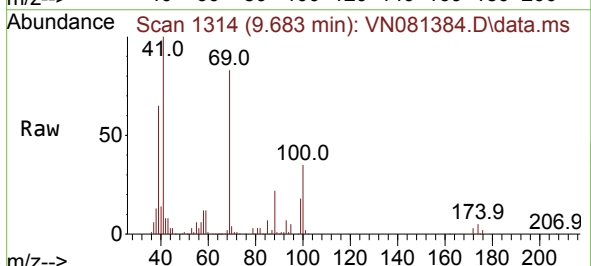
Tgt Ion: 41 Resp: 208377

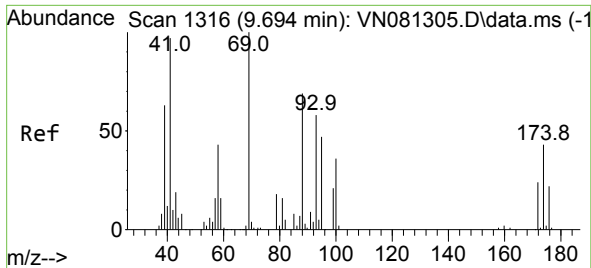
Ion Ratio Lower Upper

41 100

69 86.1 62.2 93.2

39 65.7 47.6 71.4





#49

1,4-Dioxane

Concen: 851.644 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

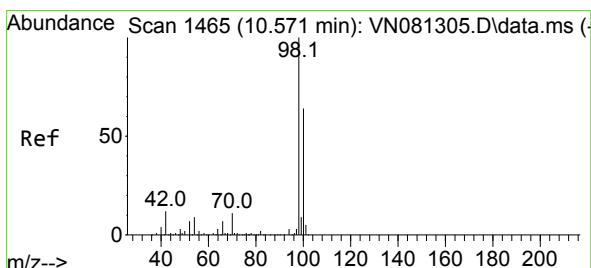
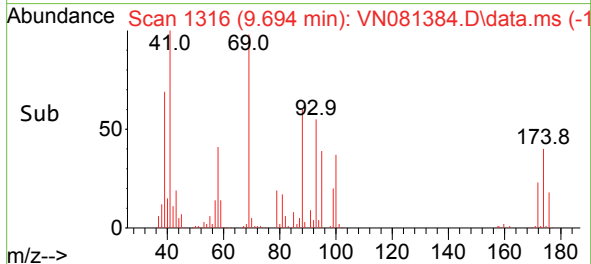
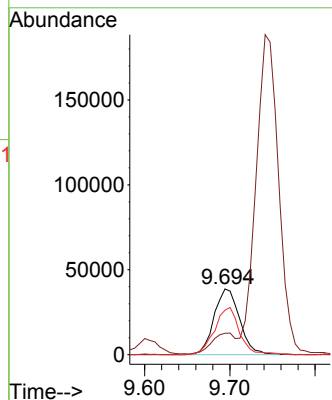
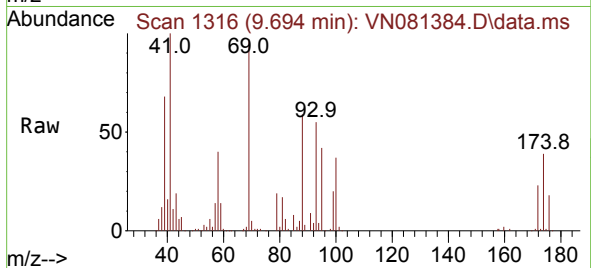
Tgt Ion: 88 Resp: 80565

Ion Ratio Lower Upper

88 100

43 29.6 30.1 45.1#

58 70.3 63.9 95.9



#50

Toluene-d8

Concen: 51.532 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081384.D

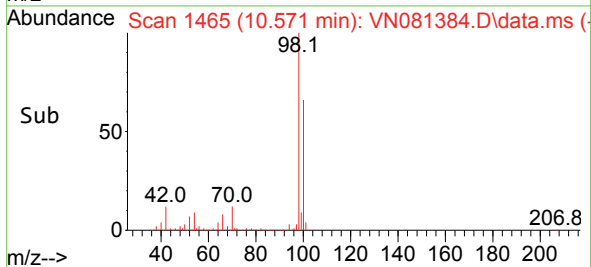
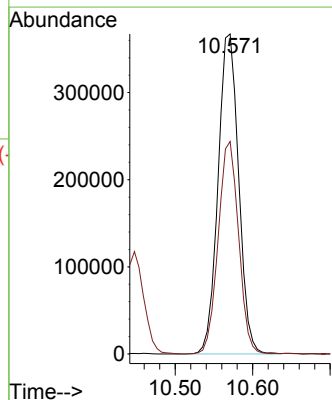
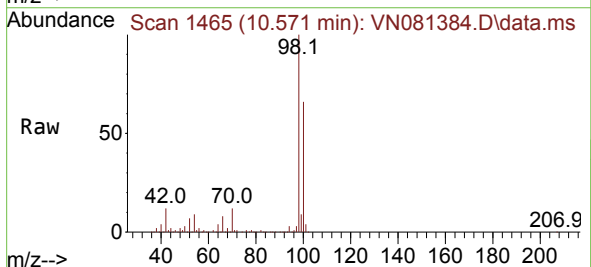
Acq: 12 Mar 2024 19:49

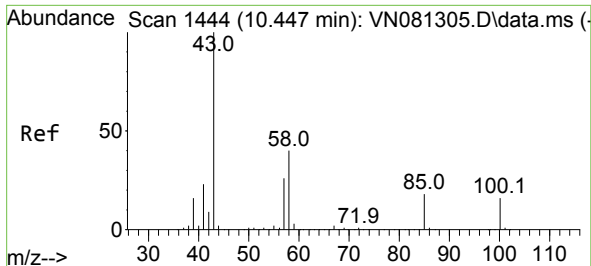
Tgt Ion: 98 Resp: 677637

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 234.930 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

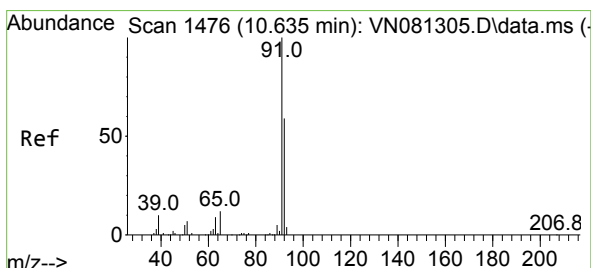
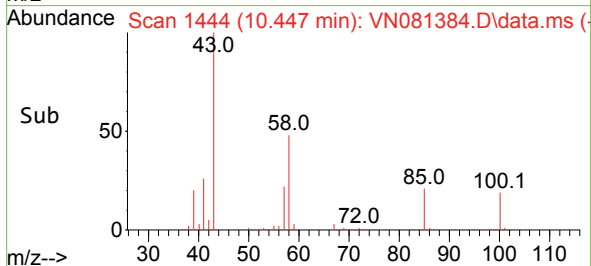
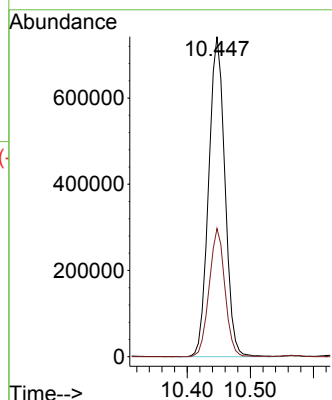
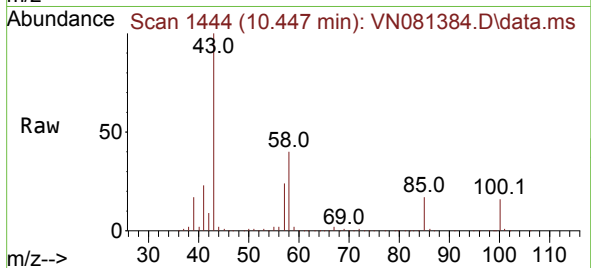
VSTDCCC050EC

Tgt Ion: 43 Resp: 1324535

Ion Ratio Lower Upper

43 100

58 38.8 29.4 44.0



#52

Toluene

Concen: 49.606 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081384.D

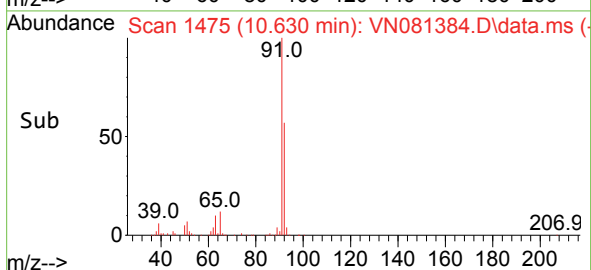
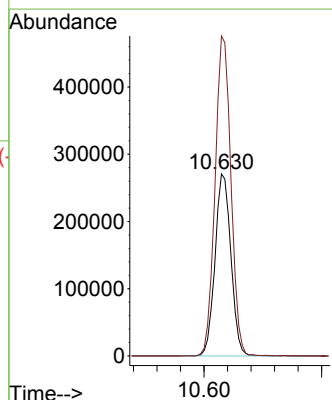
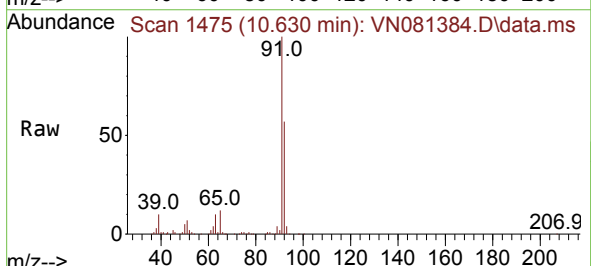
Acq: 12 Mar 2024 19:49

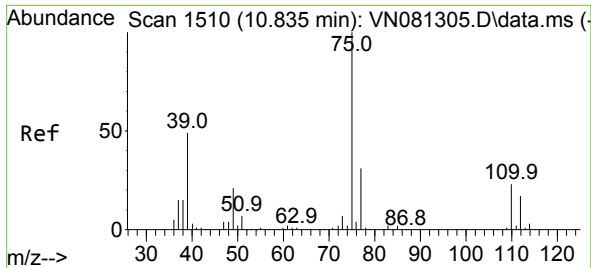
Tgt Ion: 92 Resp: 507605

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.0

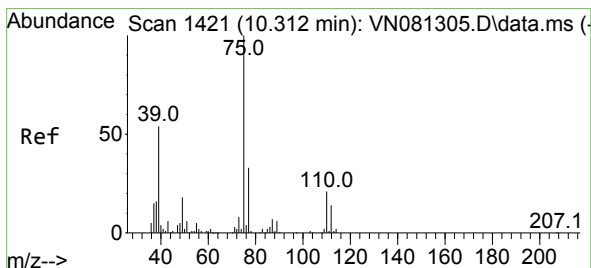
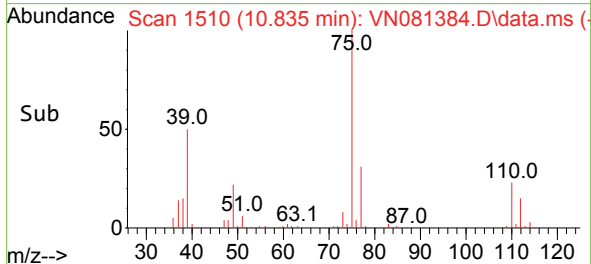
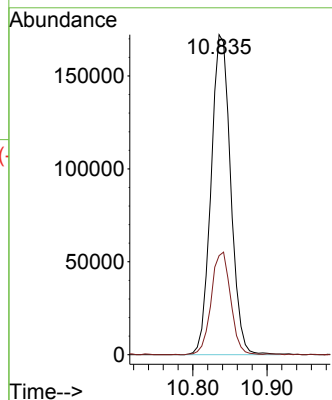
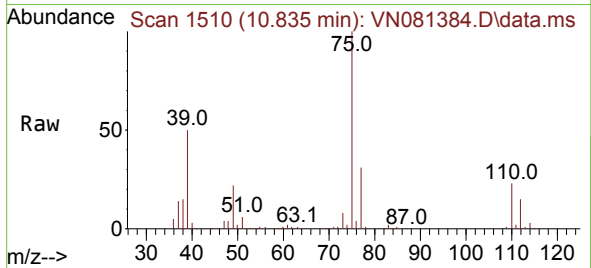




#53
 t-1,3-Dichloropropene
 Concen: 50.212 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

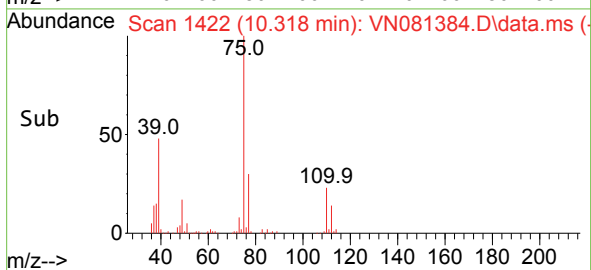
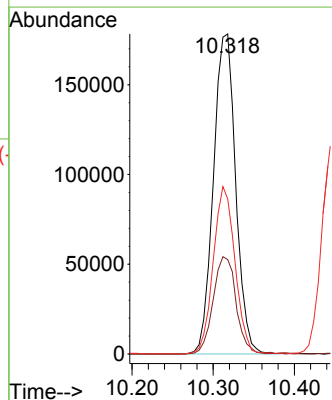
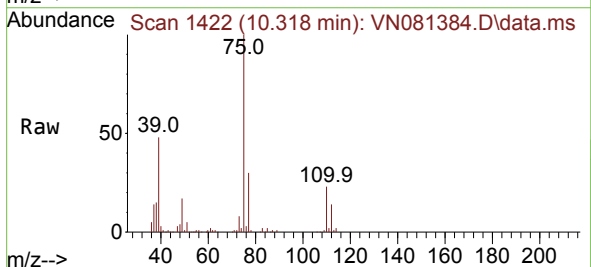
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

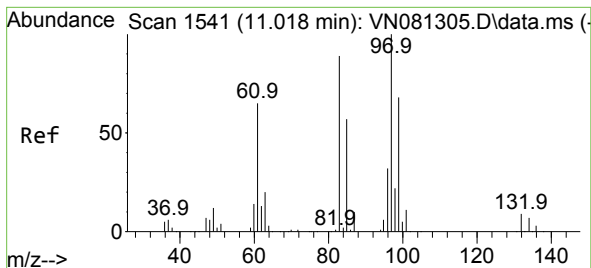
Tgt Ion: 75 Resp: 316345
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.997 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion: 75 Resp: 340041
 Ion Ratio Lower Upper
 75 100
 77 29.5 23.3 34.9
 39 48.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 49.630 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 201390

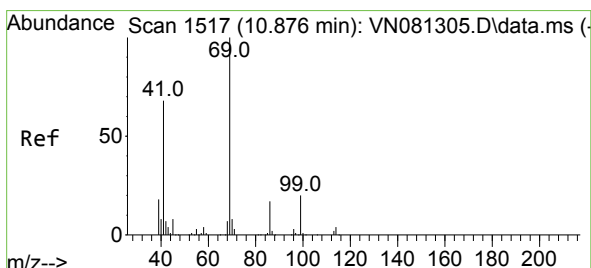
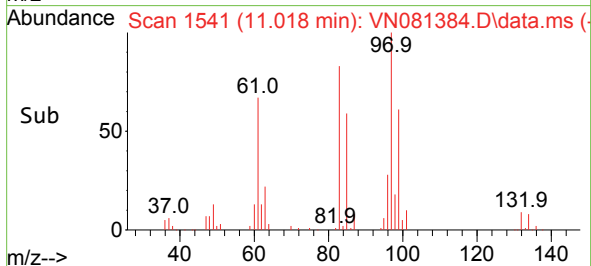
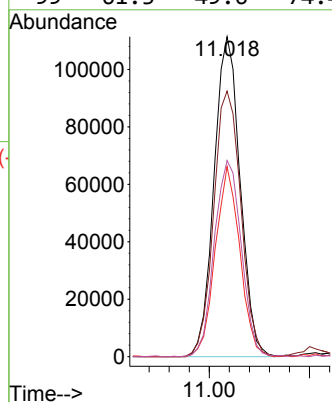
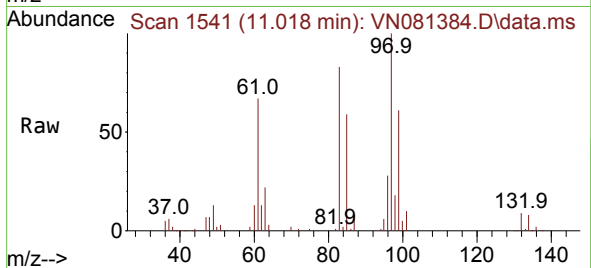
Ion Ratio Lower Upper

97 100

83 83.0 72.9 109.3

85 59.4 50.2 75.2

99 61.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 51.307 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

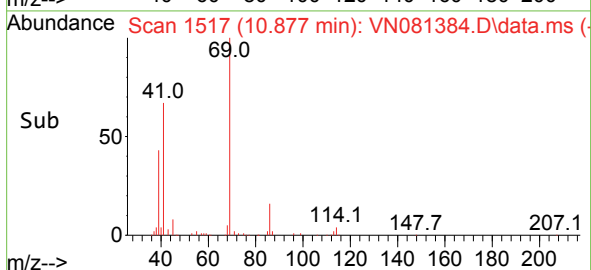
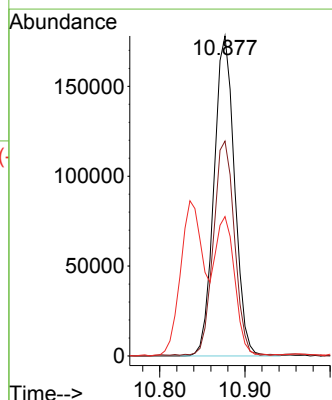
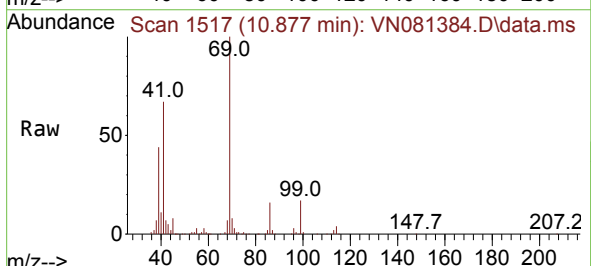
Tgt Ion: 69 Resp: 298951

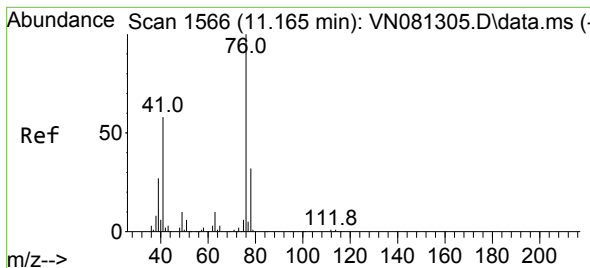
Ion Ratio Lower Upper

69 100

41 68.0 61.0 91.6

39 40.7 31.8 47.6





#57

1,3-Dichloropropane

Concen: 48.950 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

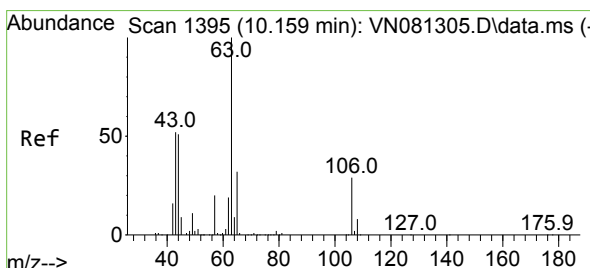
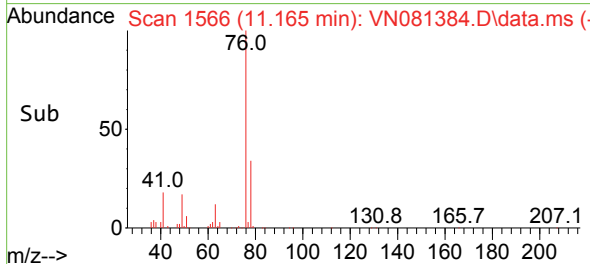
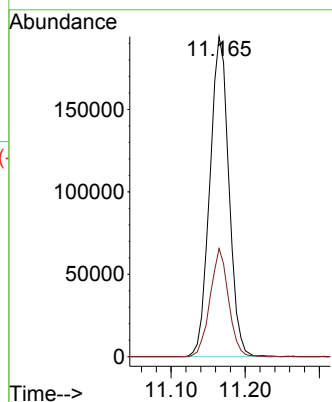
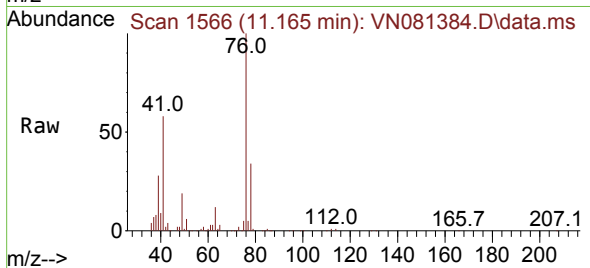
VSTDCCC050EC

Tgt Ion: 76 Resp: 346663

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 246.914 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081384.D

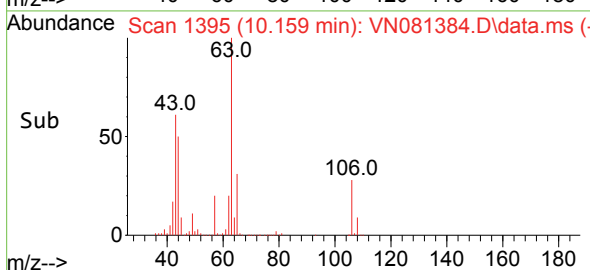
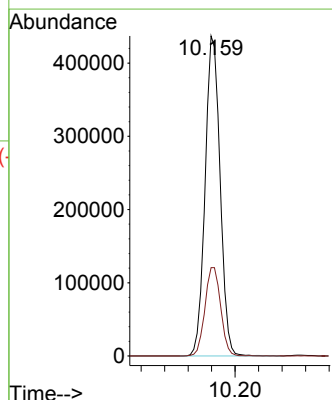
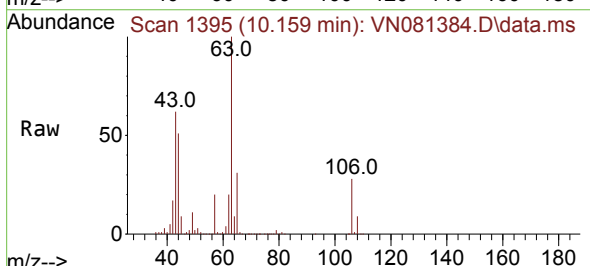
Acq: 12 Mar 2024 19:49

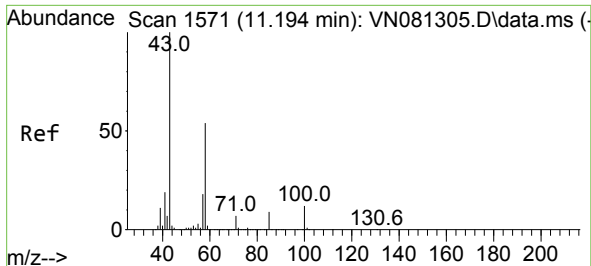
Tgt Ion: 63 Resp: 773898

Ion Ratio Lower Upper

63 100

106 29.0 18.6 28.0#

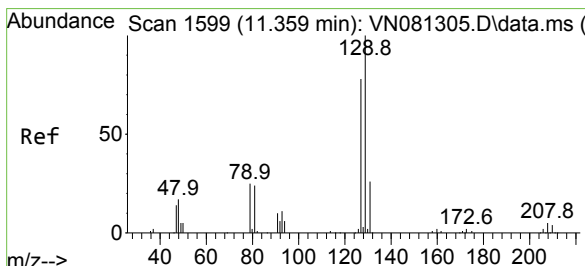
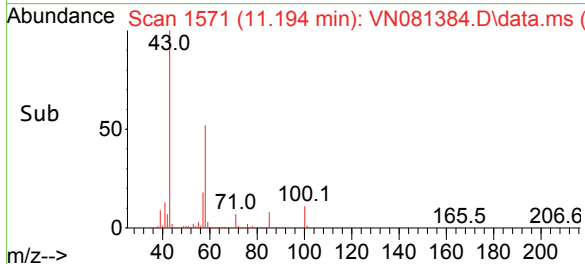
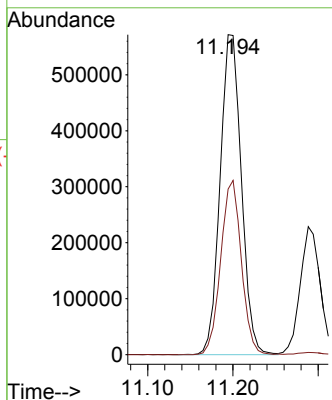
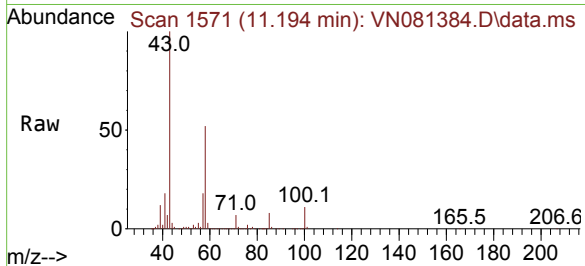




#59
2-Hexanone
Concen: 235.000 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

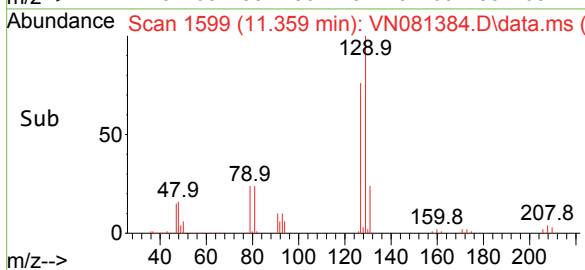
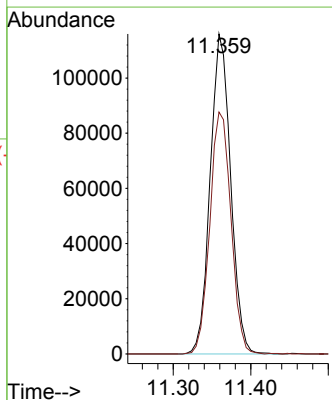
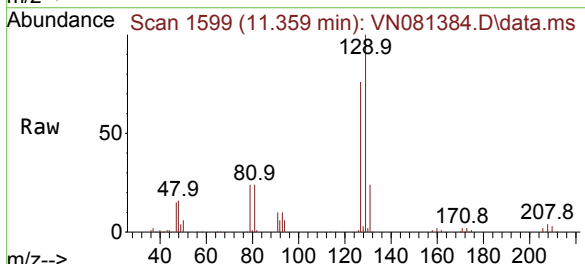
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

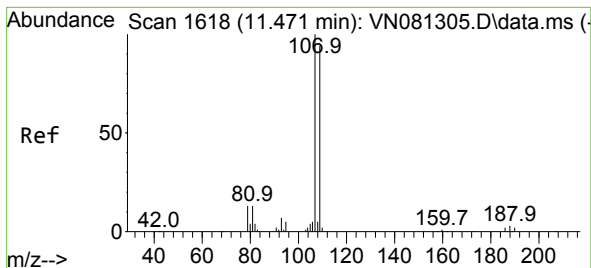
Tgt Ion: 43 Resp: 990499
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 50.873 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 129 Resp: 212599
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2





#61

1,2-Dibromoethane

Concen: 47.784 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

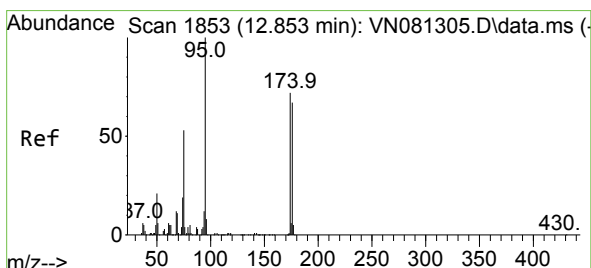
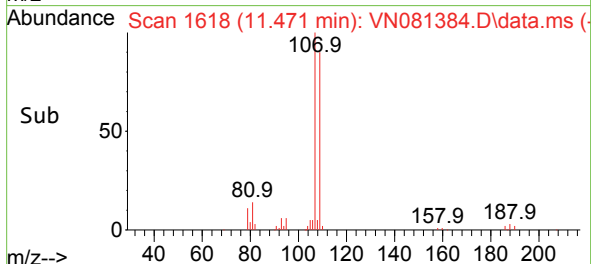
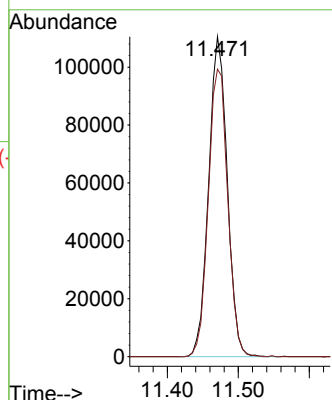
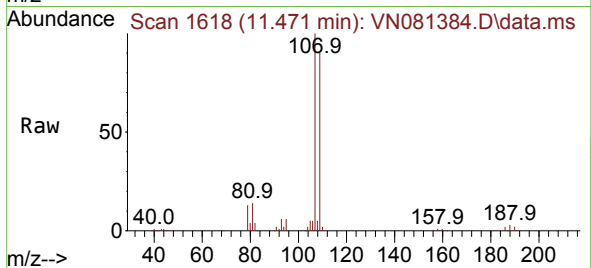
VSTDCCC050EC

Tgt Ion:107 Resp: 201187

Ion Ratio Lower Upper

107 100

109 93.9 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 51.531 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

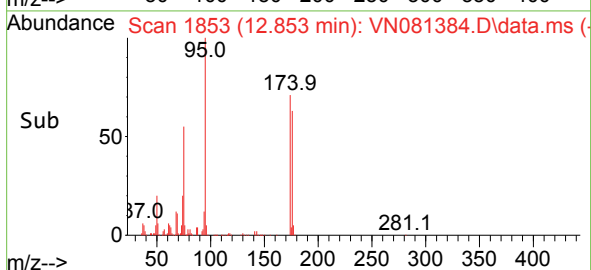
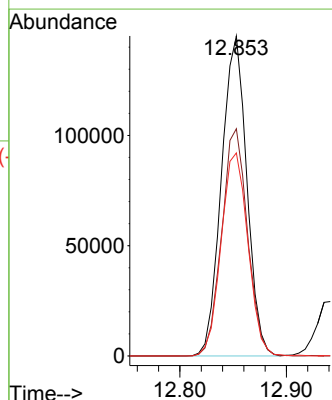
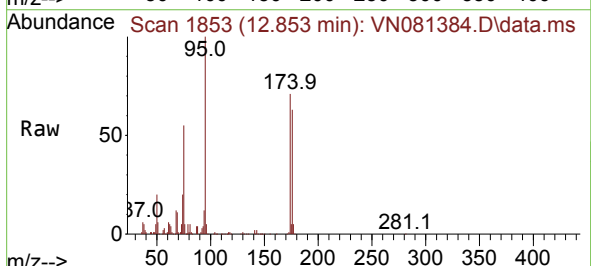
Tgt Ion: 95 Resp: 239498

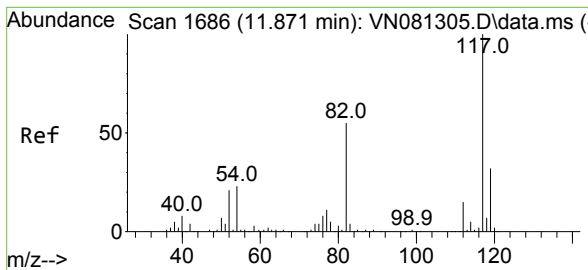
Ion Ratio Lower Upper

95 100

174 72.3 0.0 120.4

176 67.1 0.0 121.0

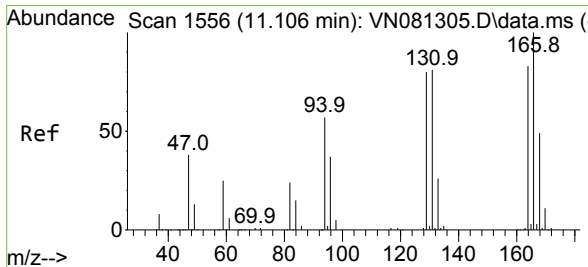
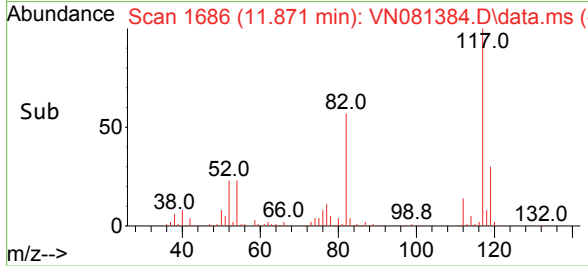
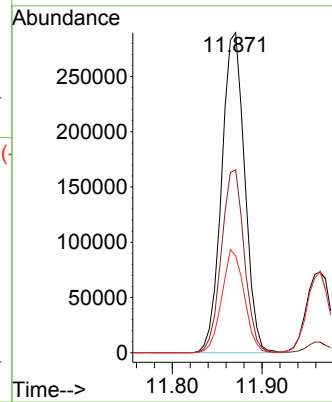
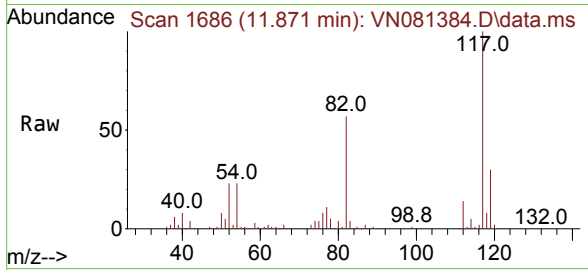




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

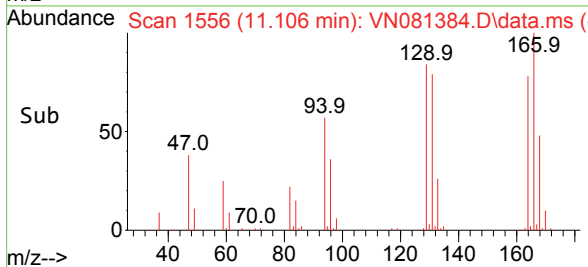
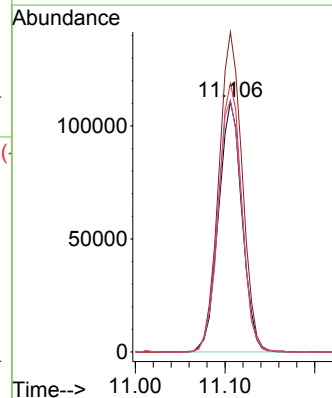
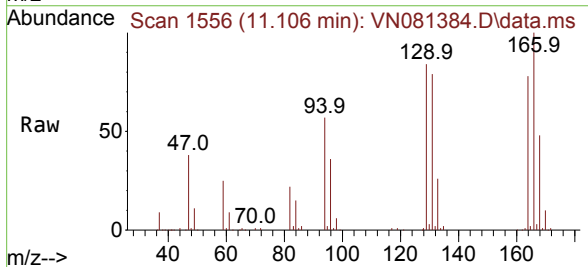
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

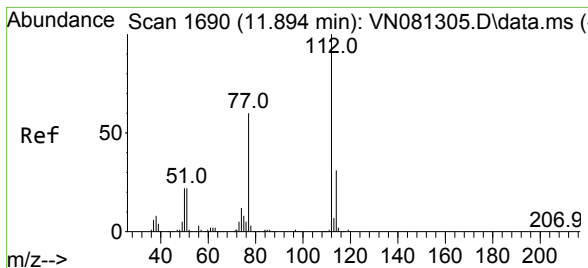
Tgt Ion:117 Resp: 515990
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 30.3 25.3 37.9



#64
Tetrachloroethene
Concen: 49.627 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:164 Resp: 200503
Ion Ratio Lower Upper
164 100
166 127.9 105.8 158.6
129 107.4 89.6 134.4
131 100.6 84.9 127.3

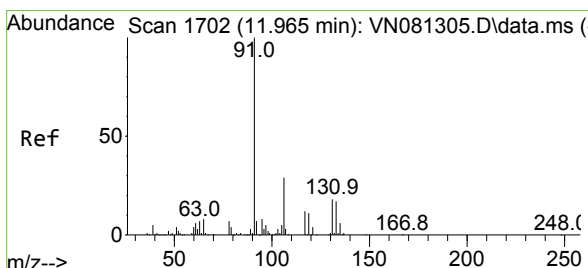
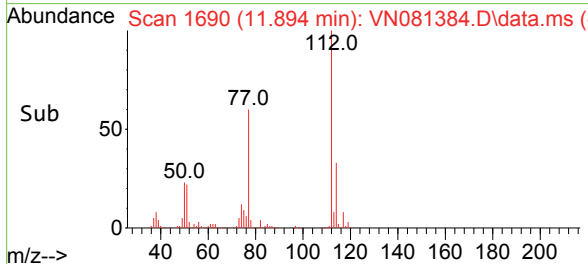
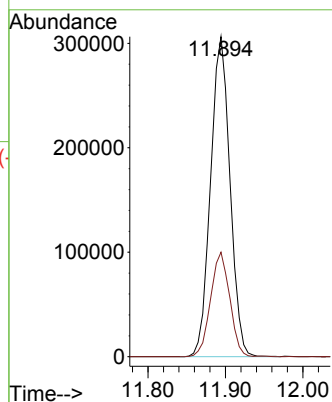
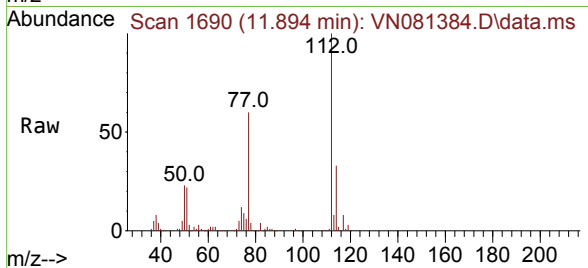




#65
Chlorobenzene
Concen: 48.989 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

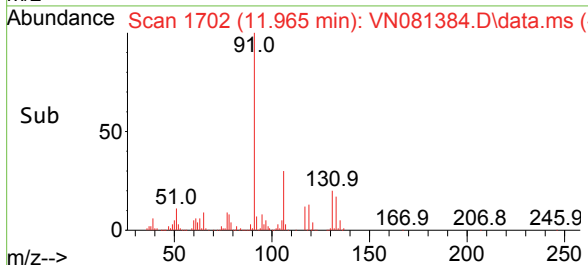
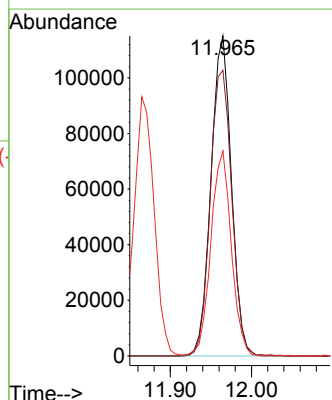
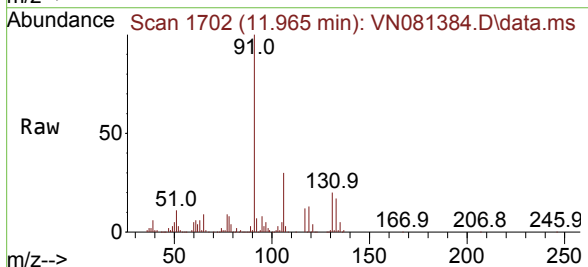
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

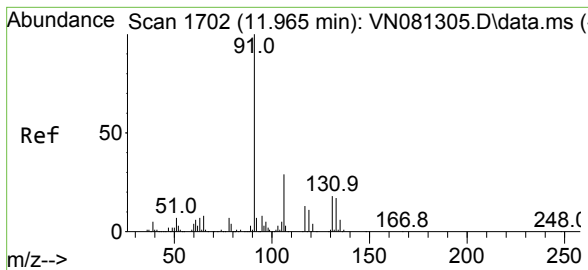
Tgt Ion:112 Resp: 532670
Ion Ratio Lower Upper
112 100
114 32.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.478 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:131 Resp: 200840
Ion Ratio Lower Upper
131 100
133 94.2 46.8 140.3
119 64.1 34.6 103.9

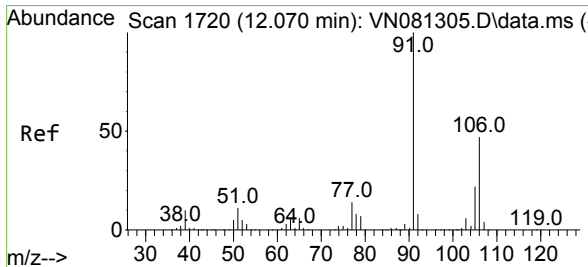
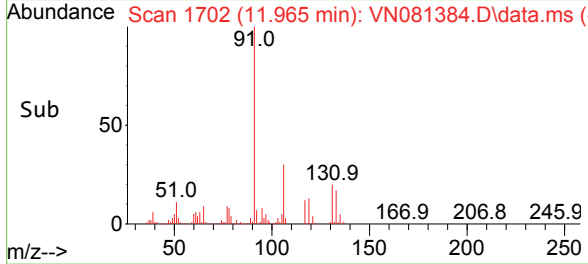
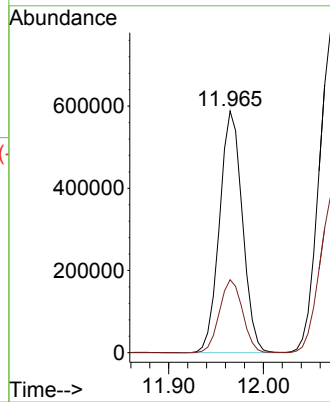
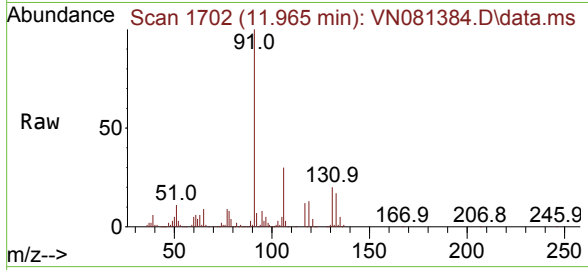




#67
Ethyl Benzene
Concen: 50.492 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

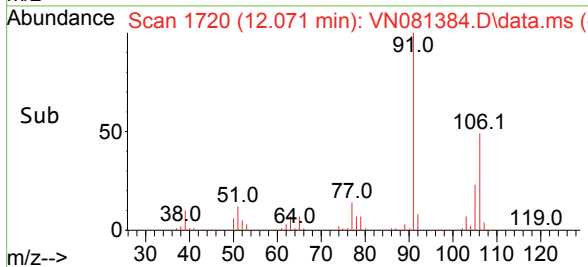
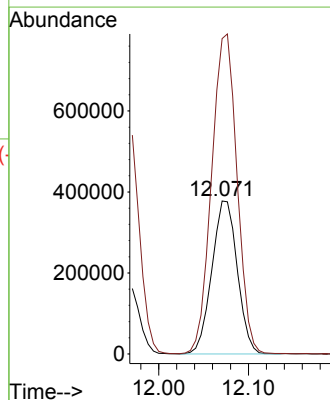
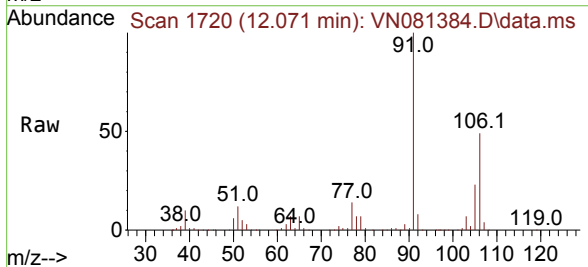
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

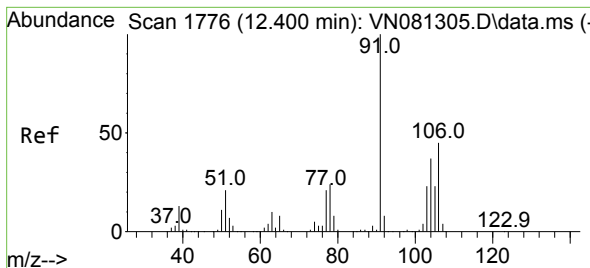
Tgt Ion: 91 Resp: 988949
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 100.848 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:106 Resp: 743368
Ion Ratio Lower Upper
106 100
91 209.0 169.0 253.6





#69

o-Xylene

Concen: 50.734 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

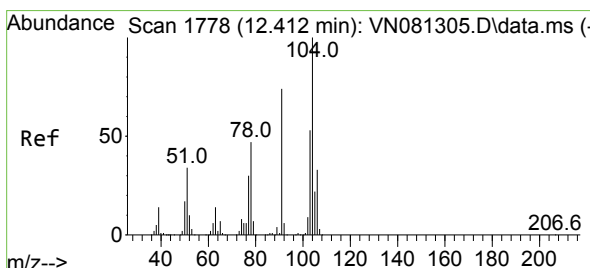
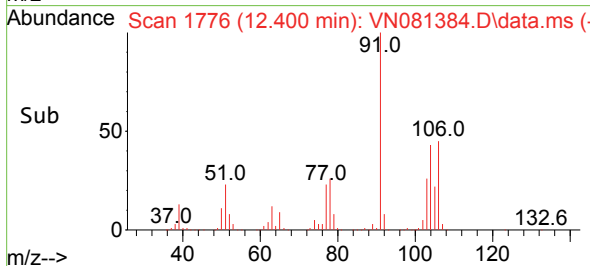
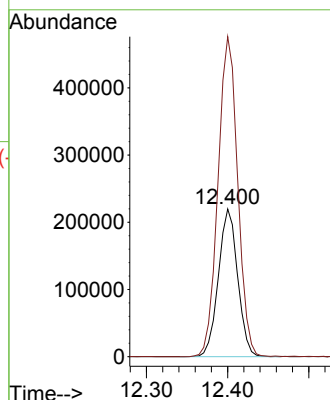
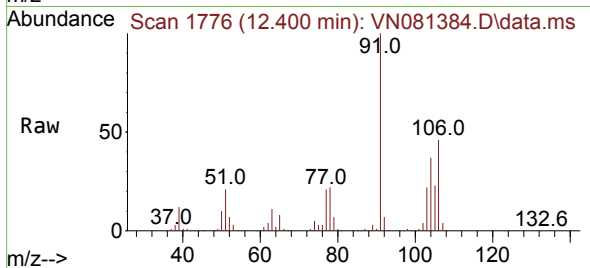
VSTDCCC050EC

Tgt Ion:106 Resp: 362432

Ion Ratio Lower Upper

106 100

91 221.9 112.1 336.3



#70

Styrene

Concen: 54.440 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

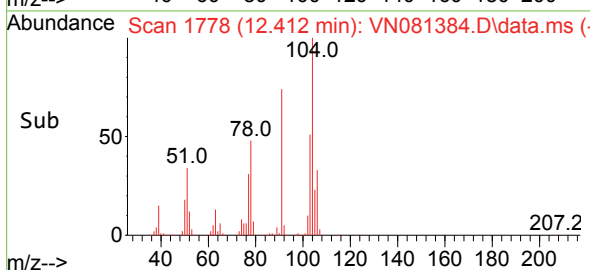
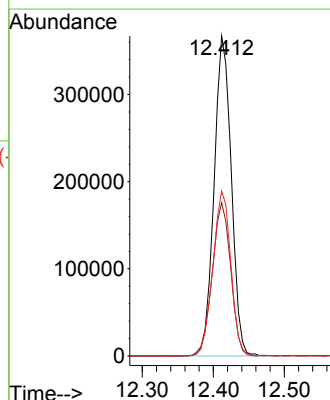
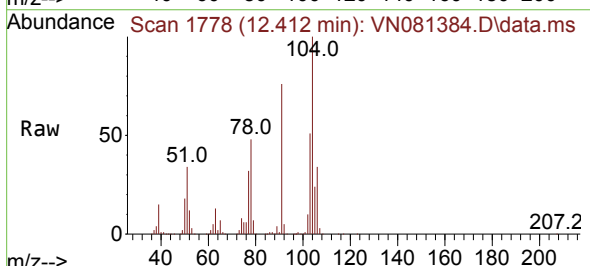
Tgt Ion:104 Resp: 616309

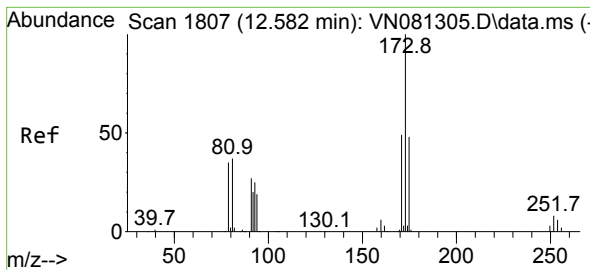
Ion Ratio Lower Upper

104 100

78 51.4 43.8 65.8

103 53.9 44.2 66.2





#71

Bromoform

Concen: 49.962 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

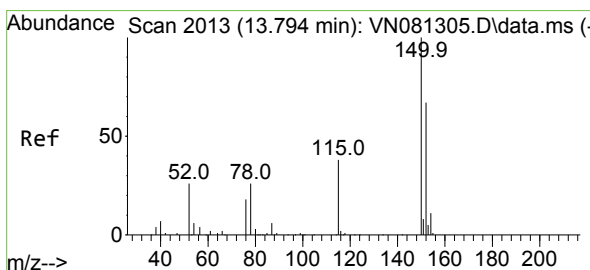
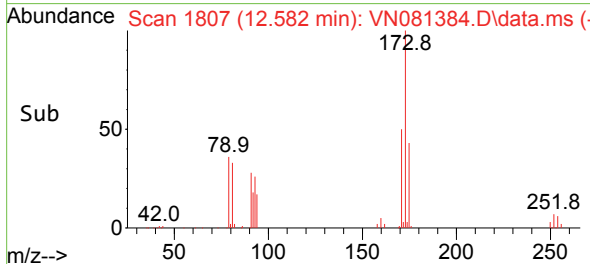
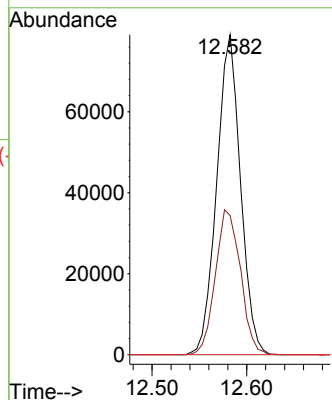
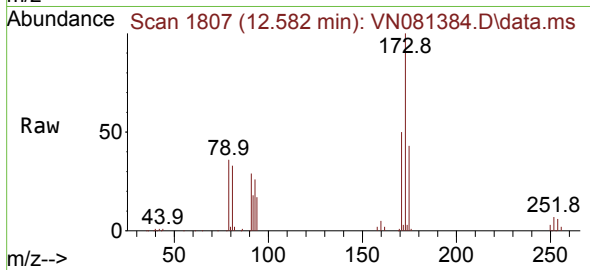
Tgt Ion:173 Resp: 138010

Ion Ratio Lower Upper

173 100

175 47.8 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

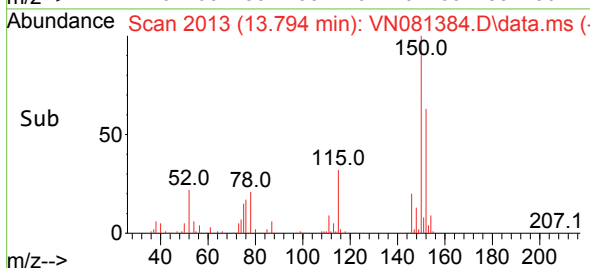
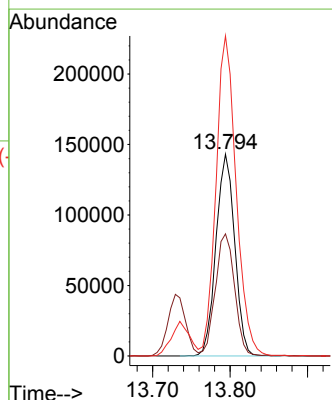
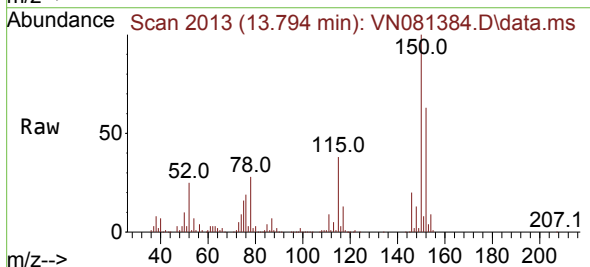
Tgt Ion:152 Resp: 240456

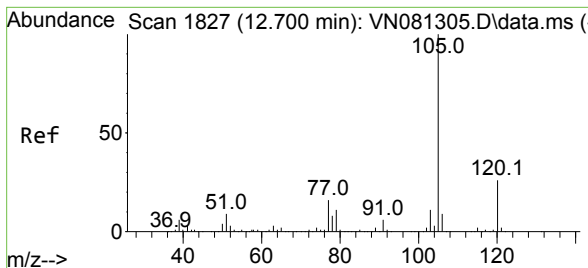
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 171.3 0.0 339.8





#73

Isopropylbenzene

Concen: 49.497 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

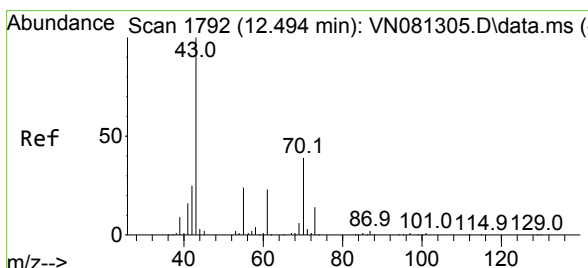
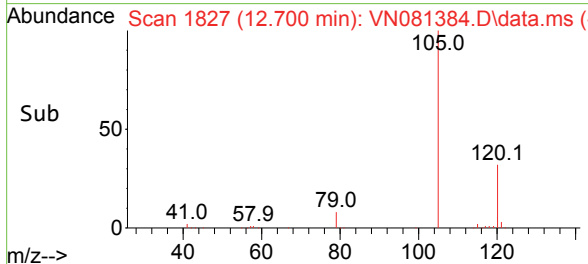
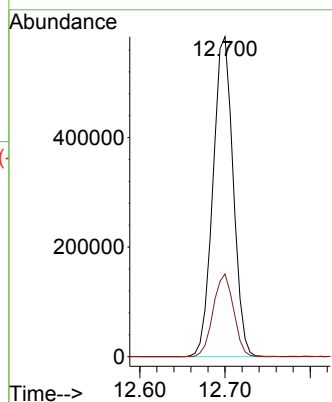
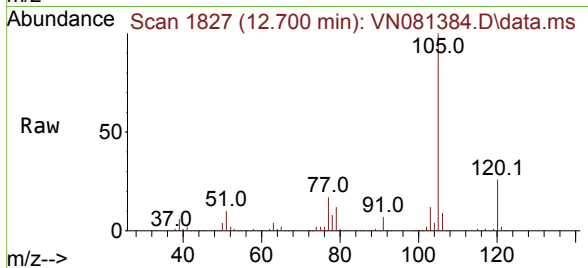
VSTDCCC050EC

Tgt Ion:105 Resp: 961067

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#74

N-ethyl acetate

Concen: 47.798 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Tgt Ion: 43 Resp: 389409

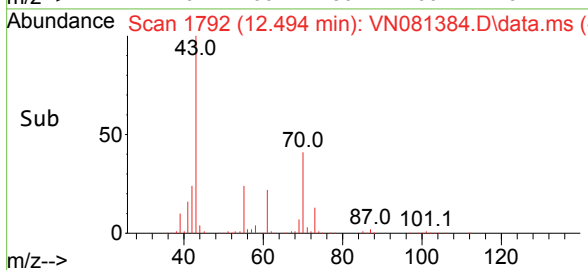
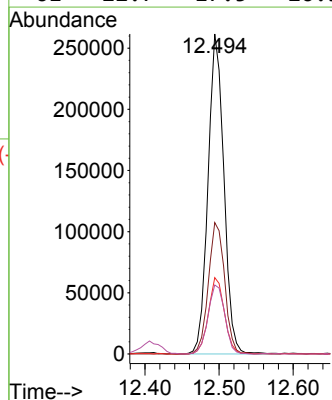
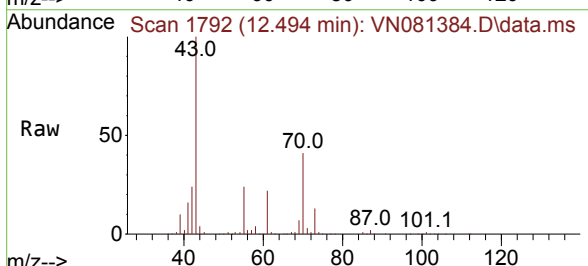
Ion Ratio Lower Upper

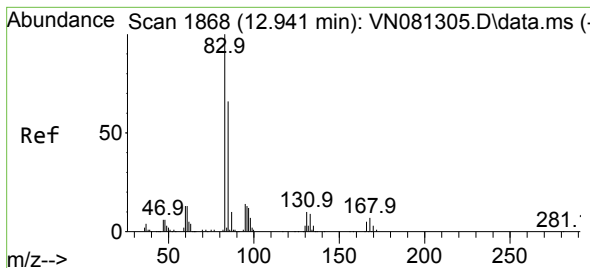
43 100

70 42.1 30.1 45.1

55 24.2 17.0 25.4

61 22.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.301 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

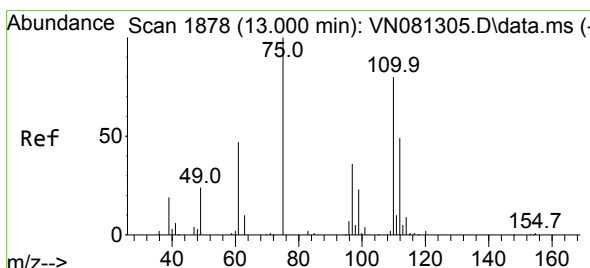
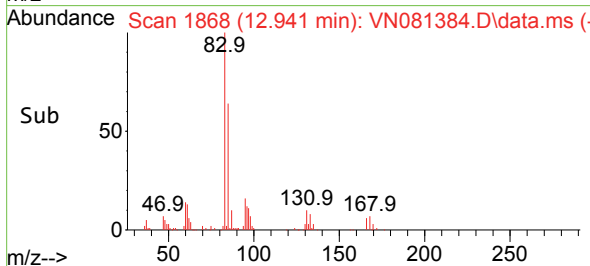
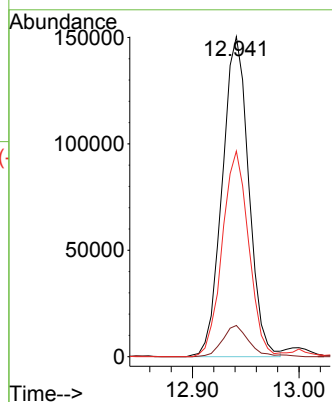
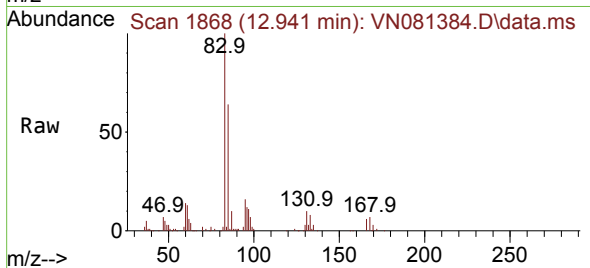
Tgt Ion: 83 Resp: 259471

Ion Ratio Lower Upper

83 100

131 9.8 4.1 12.3

85 64.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 66.056 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN081384.D

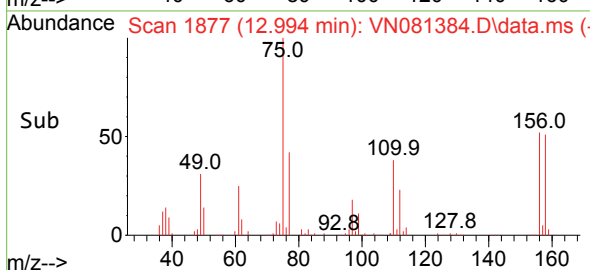
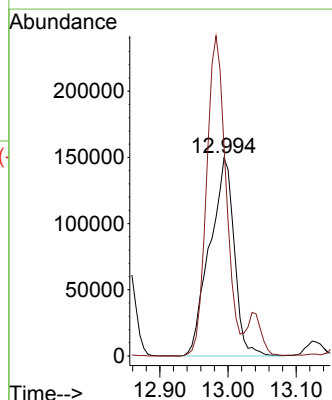
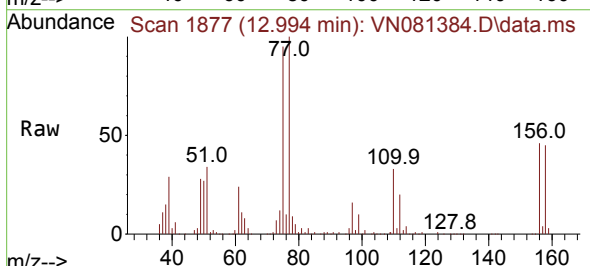
Acq: 12 Mar 2024 19:49

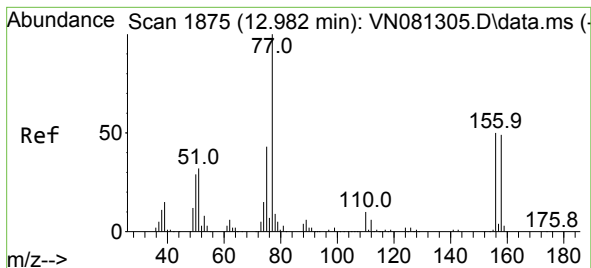
Tgt Ion: 75 Resp: 375165

Ion Ratio Lower Upper

75 100

77 127.0 91.0 272.8





#77

Bromobenzene

Concen: 46.651 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

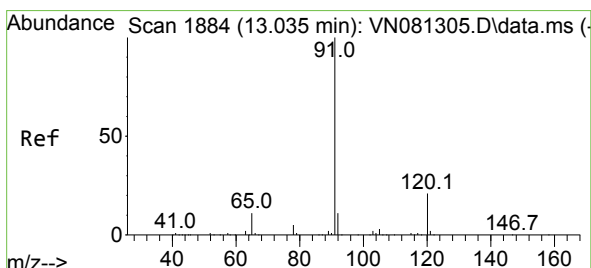
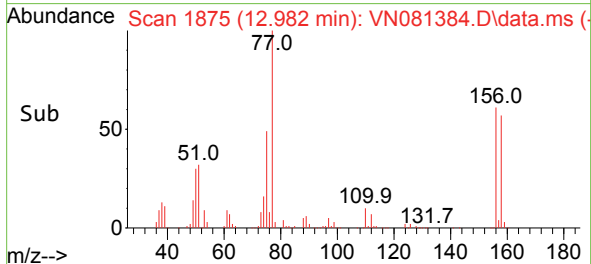
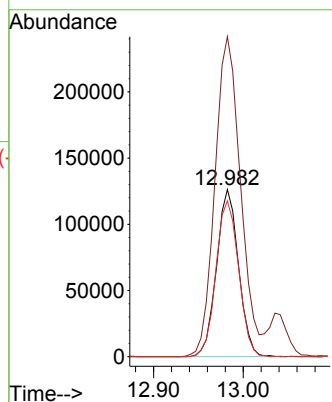
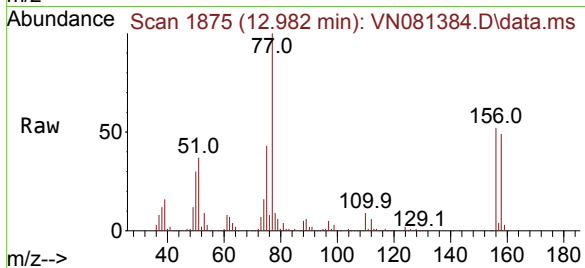
Tgt Ion:156 Resp: 214765

Ion Ratio Lower Upper

156 100

77 221.8 138.1 414.3

158 96.0 46.5 139.5



#78

n-propylbenzene

Concen: 50.567 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081384.D

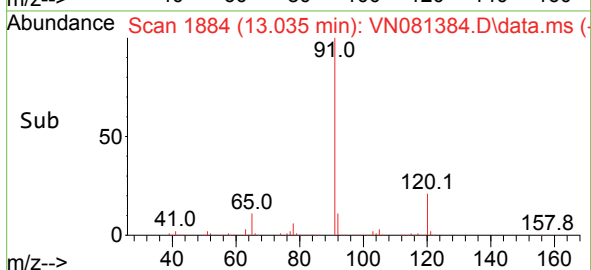
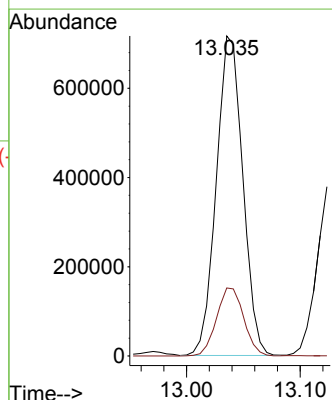
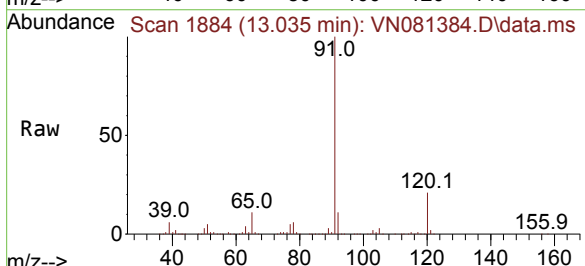
Acq: 12 Mar 2024 19:49

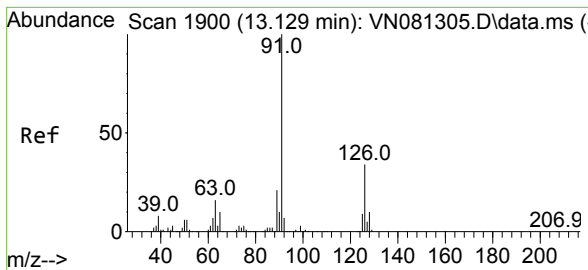
Tgt Ion: 91 Resp: 1161321

Ion Ratio Lower Upper

91 100

120 21.9 10.3 30.9

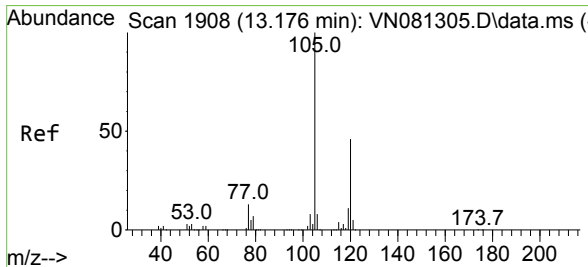
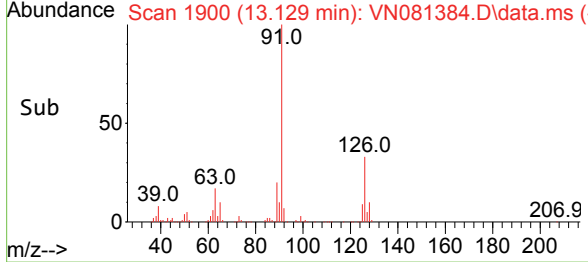
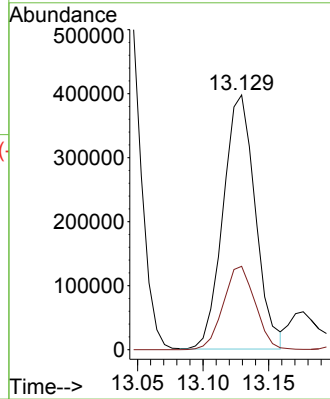
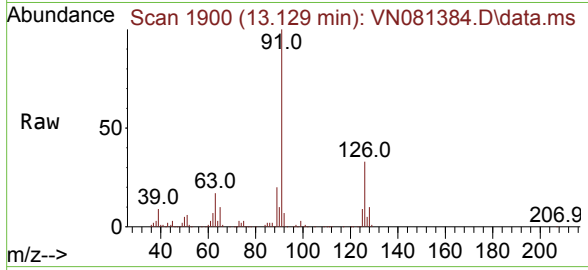




#79
2-Chlorotoluene
Concen: 48.448 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

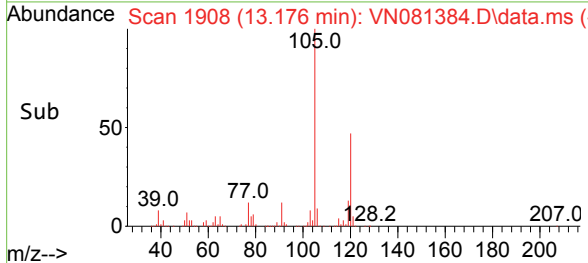
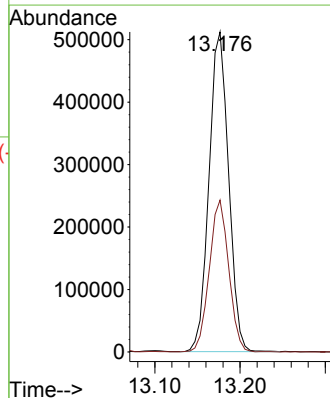
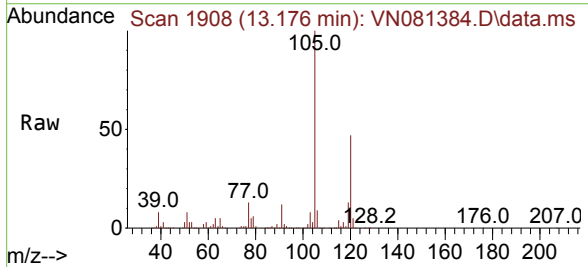
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

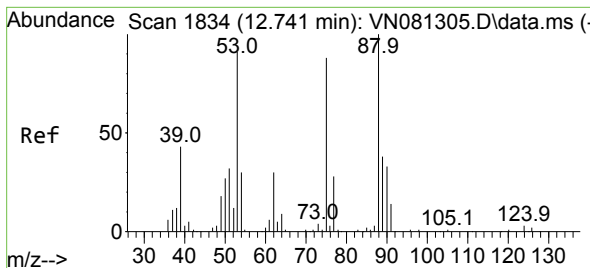
Tgt Ion: 91 Resp: 680097
Ion Ratio Lower Upper
91 100
126 32.4 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 50.845 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion: 105 Resp: 816091
Ion Ratio Lower Upper
105 100
120 47.2 23.0 69.0

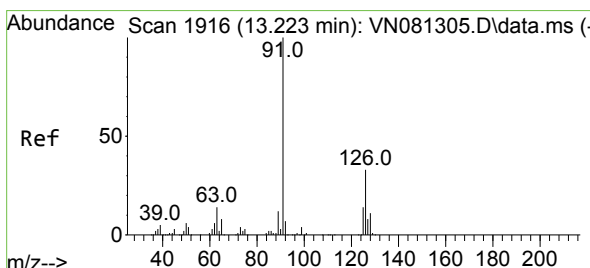
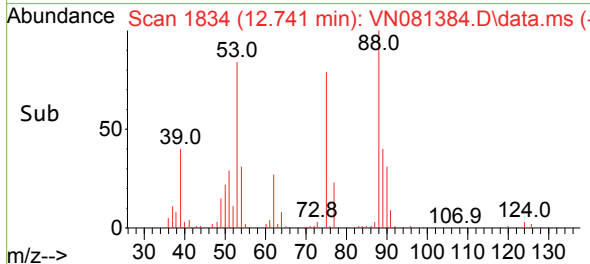
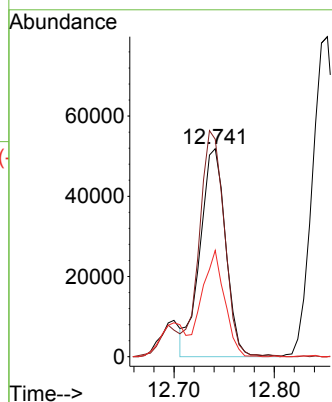
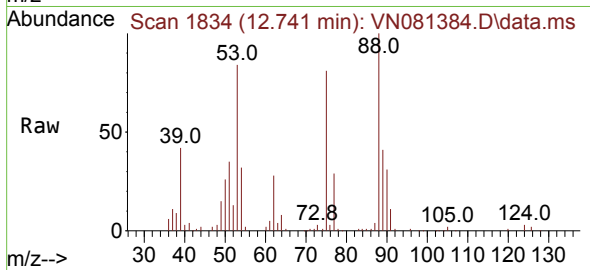




#81
trans-1,4-Dichloro-2-butene
Concen: 45.178 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

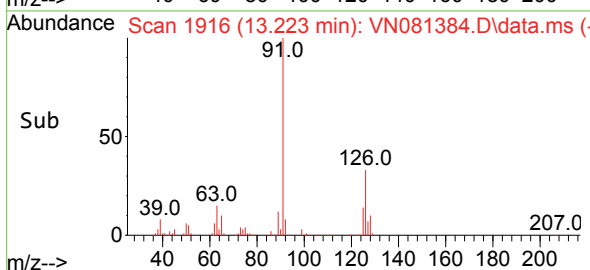
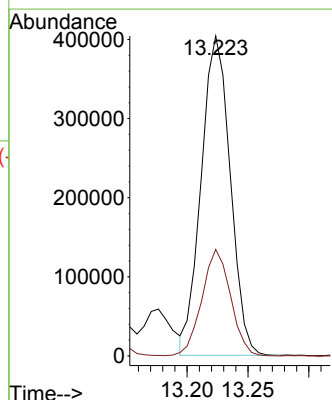
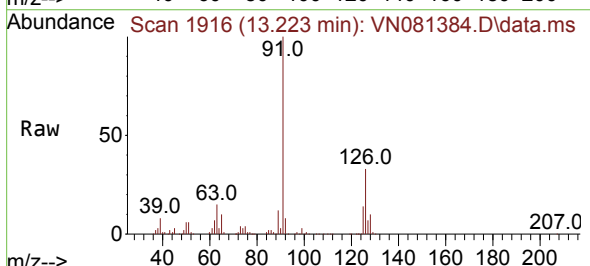
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

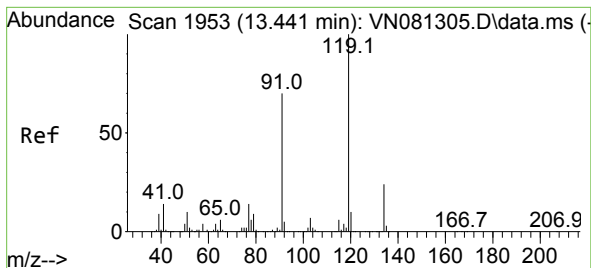
Tgt Ion:	75	Resp:	91941
Ion Ratio	Lower	Upper	
75	100		
53	106.8	71.4	107.2
89	46.1	33.4	50.0



#82
4-Chlorotoluene
Concen: 48.319 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:	91	Resp:	669975
Ion Ratio	Lower	Upper	
91	100		
126	33.0	15.3	45.9





#83

tert-Butylbenzene

Concen: 50.620 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

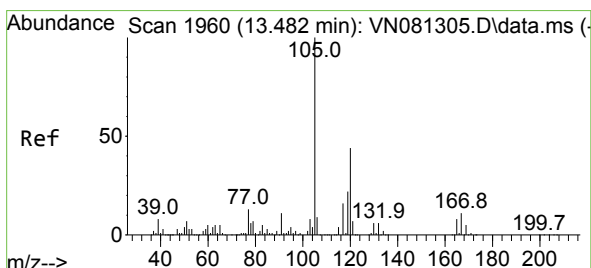
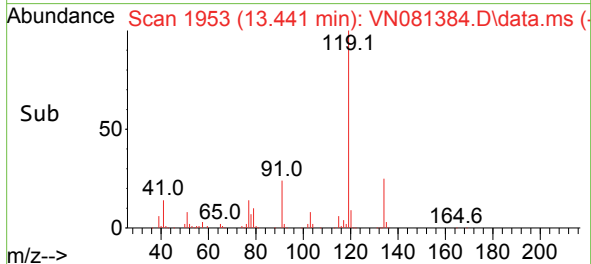
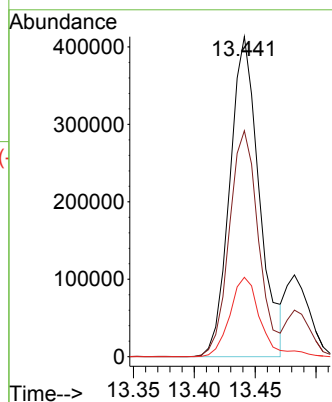
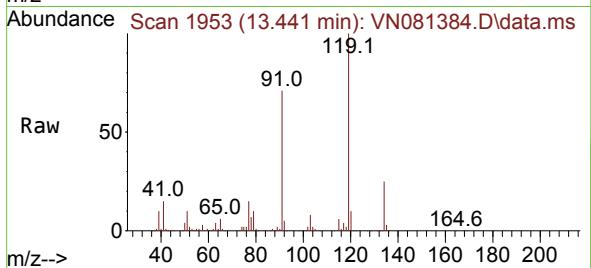
Tgt Ion:119 Resp: 696559

Ion Ratio Lower Upper

119 100

91 70.0 36.8 110.4

134 25.8 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 50.682 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081384.D

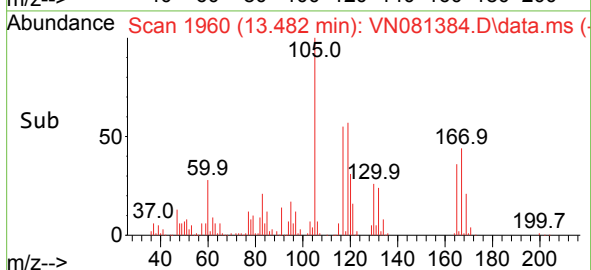
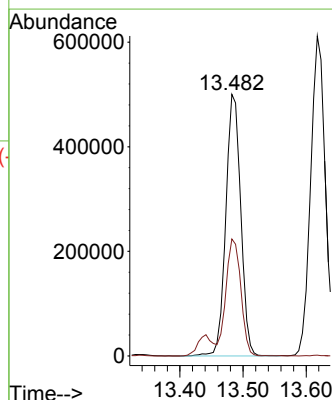
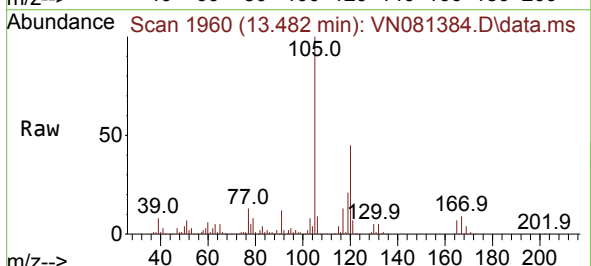
Acq: 12 Mar 2024 19:49

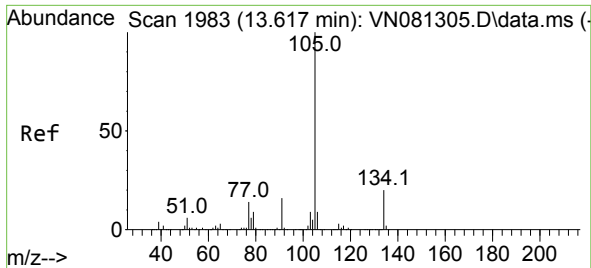
Tgt Ion:105 Resp: 824177

Ion Ratio Lower Upper

105 100

120 44.3 20.9 62.7

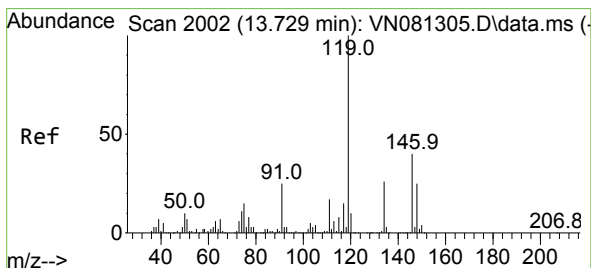
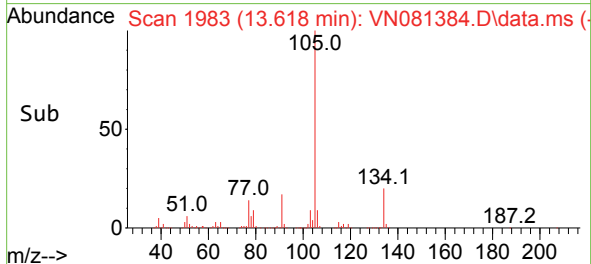
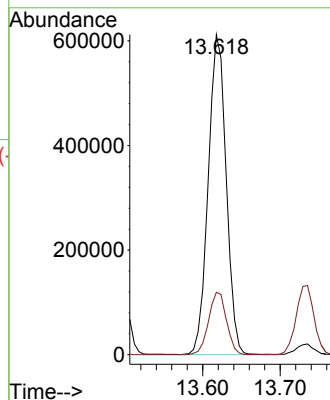
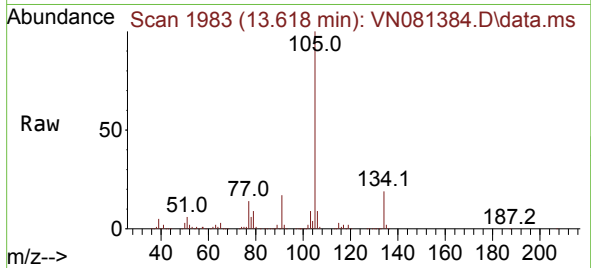




#85
sec-Butylbenzene
Concen: 49.497 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

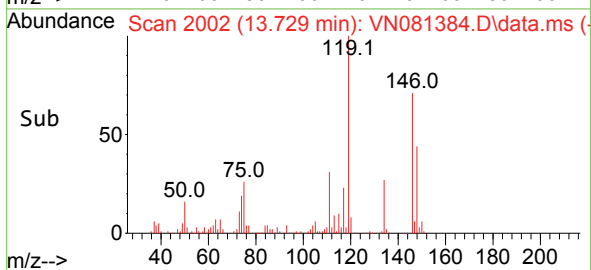
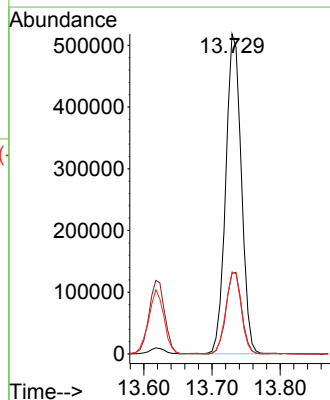
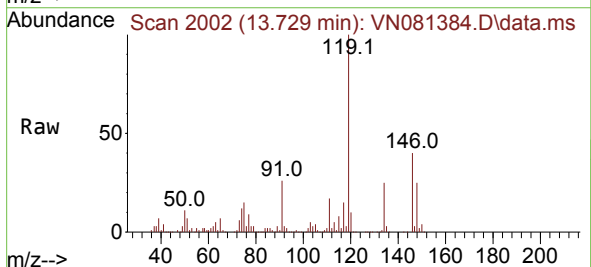
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

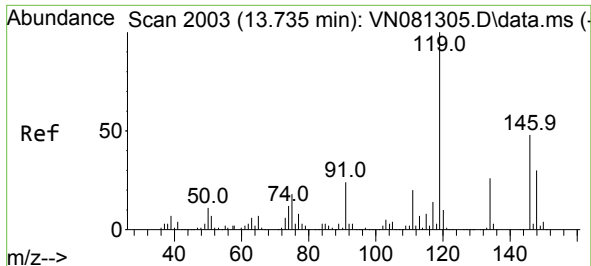
Tgt Ion:105 Resp: 985348
Ion Ratio Lower Upper
105 100
134 19.5 8.6 25.8



#86
p-Isopropyltoluene
Concen: 51.680 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:119 Resp: 825051
Ion Ratio Lower Upper
119 100
134 25.6 12.4 37.2
91 25.3 13.5 40.4

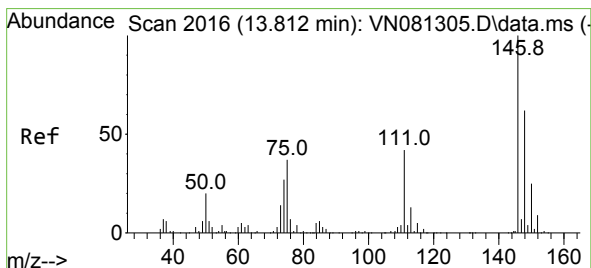
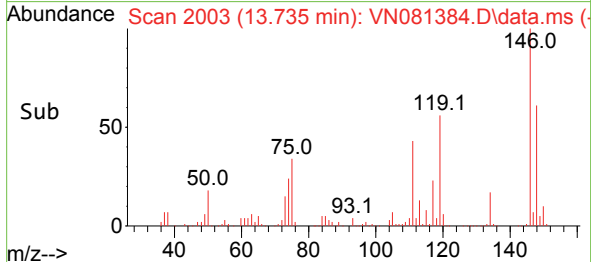
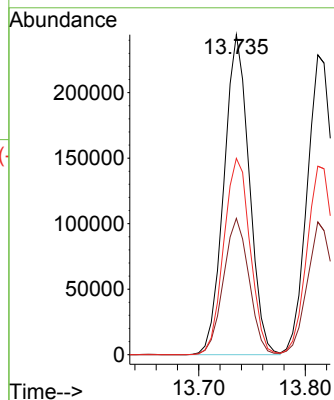
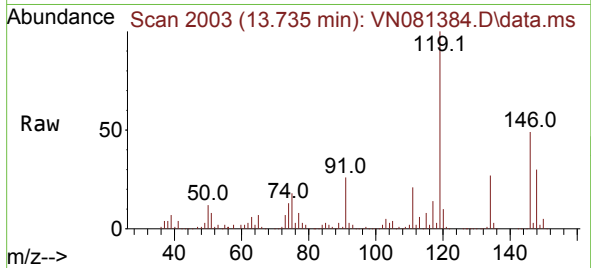




#87
 1,3-Dichlorobenzene
 Concen: 46.313 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

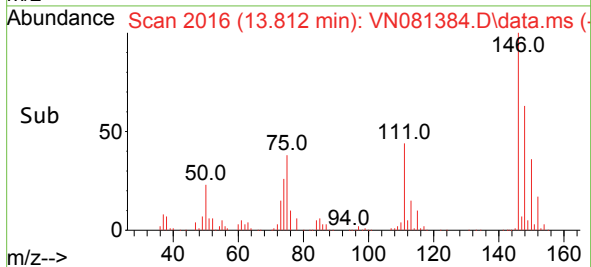
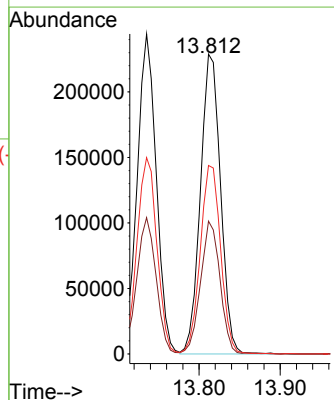
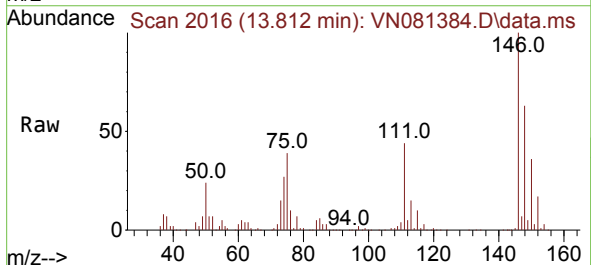
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

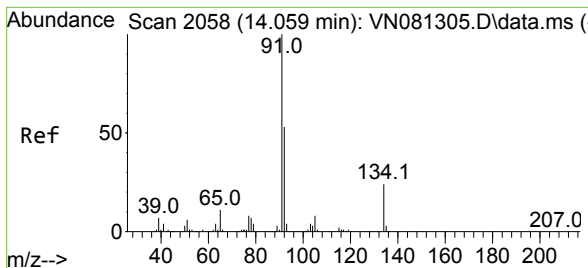
Tgt Ion:146 Resp: 402588
 Ion Ratio Lower Upper
 146 100
 111 43.1 23.9 71.7
 148 63.8 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 45.417 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion:146 Resp: 394614
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.6 67.7
 148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 50.386 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

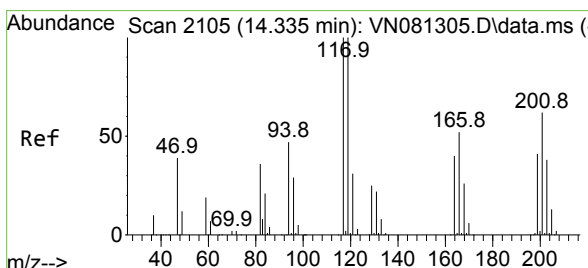
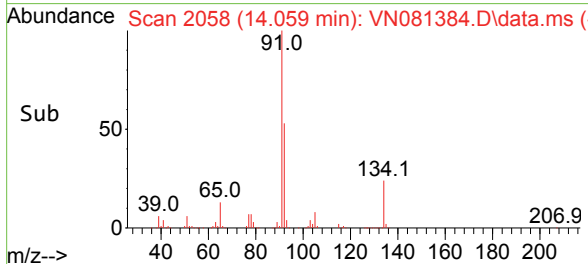
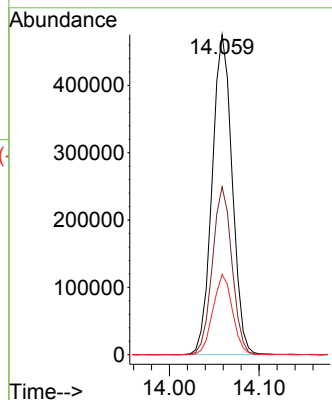
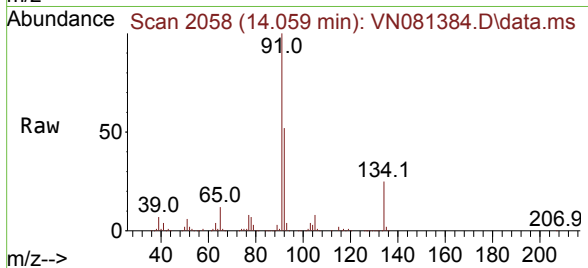
Tgt Ion: 91 Resp: 737673

Ion Ratio Lower Upper

91 100

92 51.4 26.7 80.1

134 24.5 10.8 32.4



#90

Hexachloroethane

Concen: 51.464 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081384.D

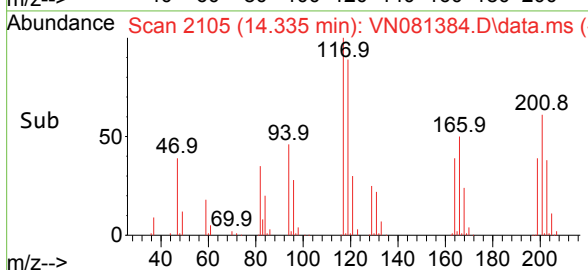
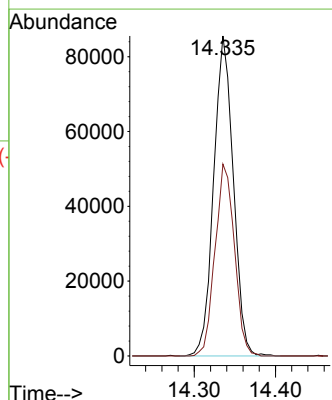
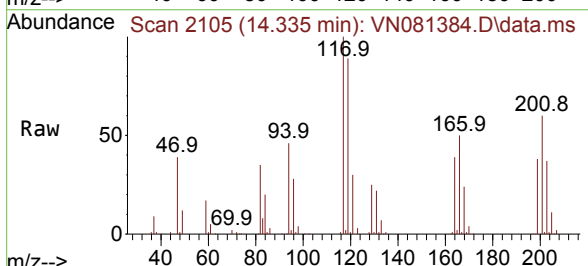
Acq: 12 Mar 2024 19:49

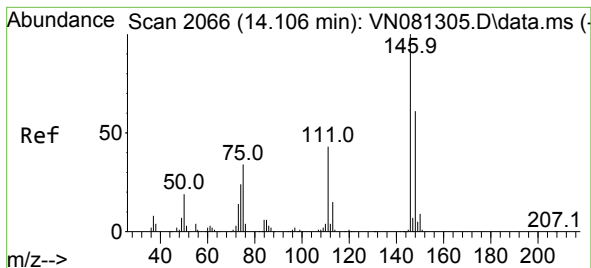
Tgt Ion: 117 Resp: 143844

Ion Ratio Lower Upper

117 100

201 59.2 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 45.500 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

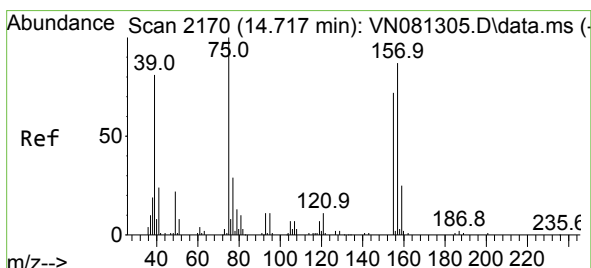
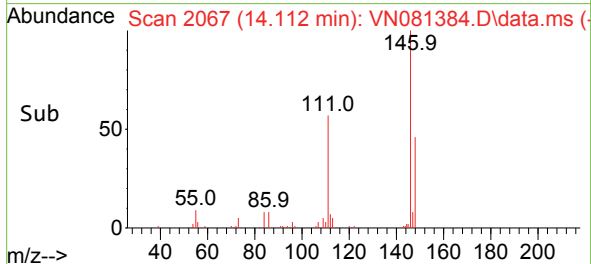
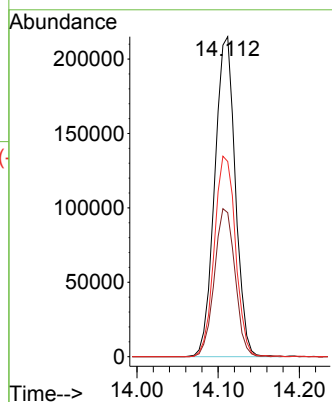
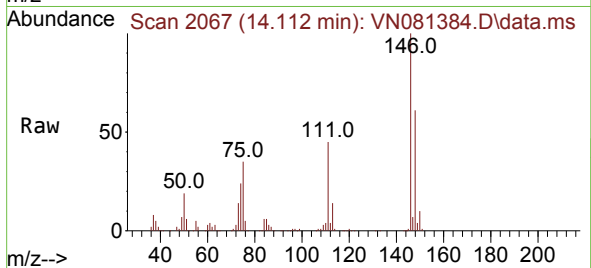
Tgt Ion:146 Resp: 379485

Ion Ratio Lower Upper

146 100

111 46.3 23.9 71.8

148 64.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.907 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN081384.D

Acq: 12 Mar 2024 19:49

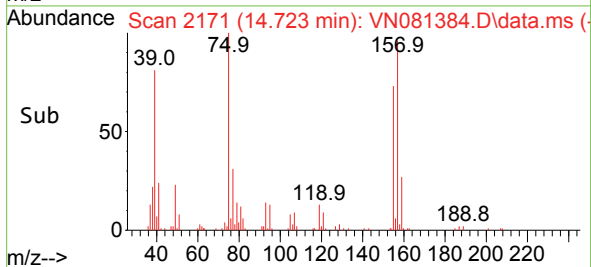
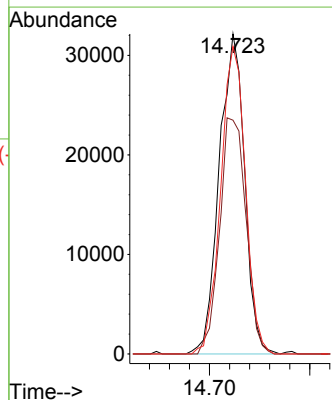
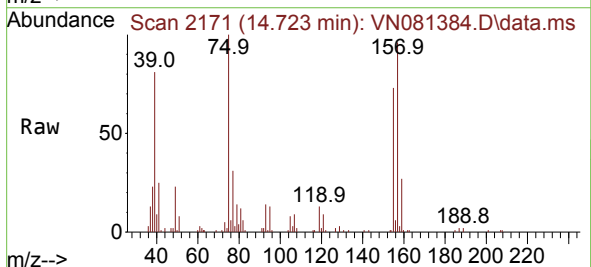
Tgt Ion: 75 Resp: 56302

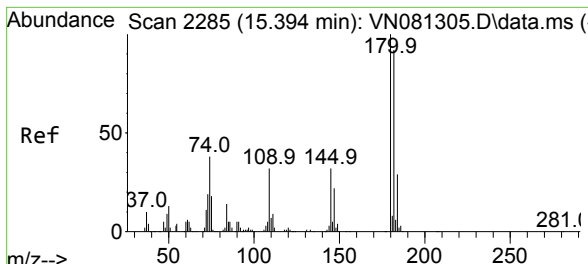
Ion Ratio Lower Upper

75 100

155 77.1 31.8 95.4

157 94.0 41.1 123.4

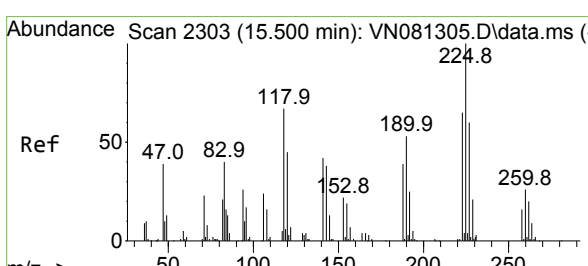
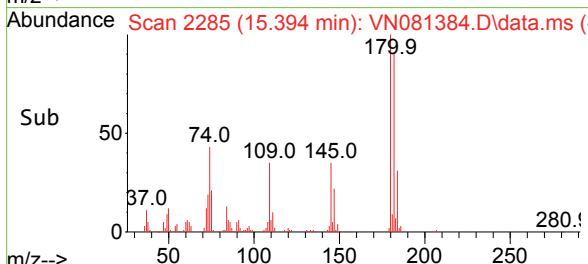
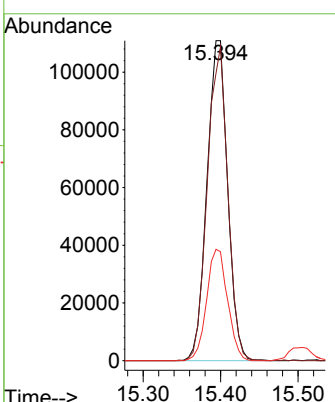
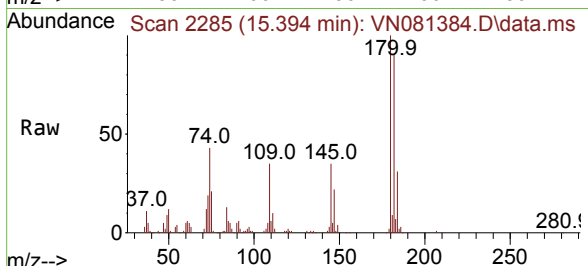




#93
 1,2,4-Trichlorobenzene
 Concen: 46.134 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

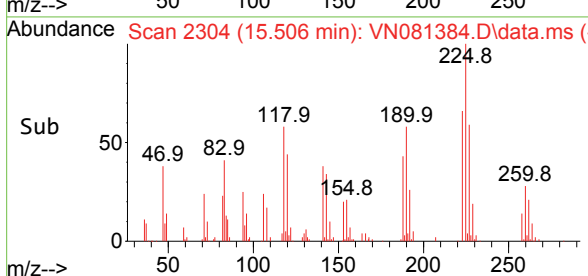
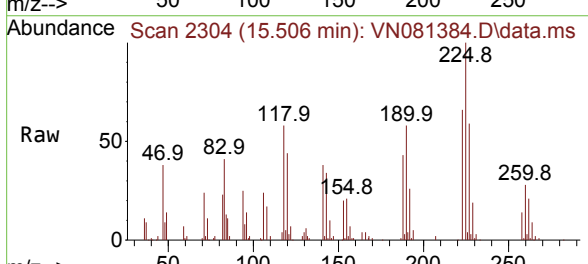
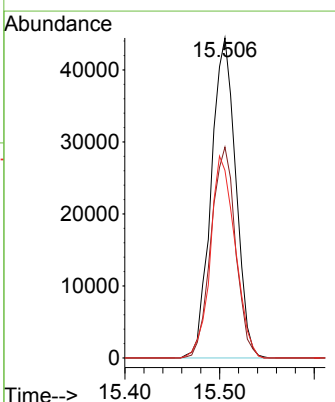
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

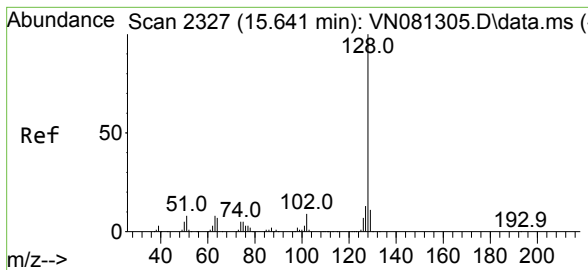
Tgt Ion:	180	Resp:	205668
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.6	139.7
145	35.2	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 43.485 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081384.D
 Acq: 12 Mar 2024 19:49

Tgt Ion:	225	Resp:	80104
Ion Ratio	Lower	Upper	
225	100		
223	65.8	33.3	99.8
227	63.6	33.1	99.2

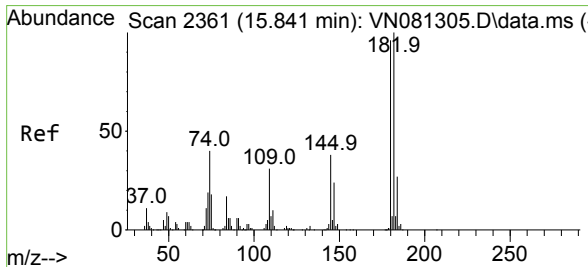
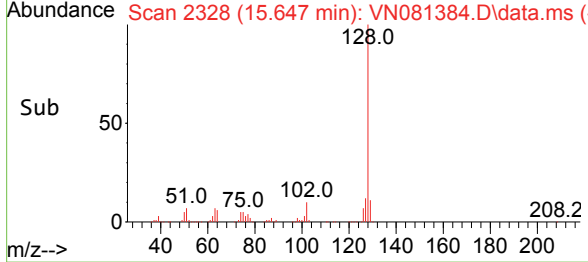
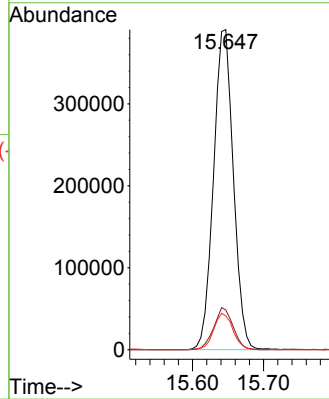
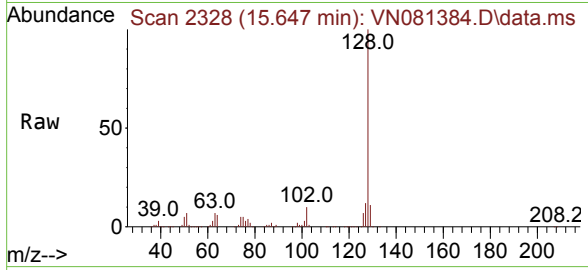




#95
Naphthalene
Concen: 47.689 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 756500
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.960 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081384.D
Acq: 12 Mar 2024 19:49

Tgt Ion:180 Resp: 212308
Ion Ratio Lower Upper
180 100
182 94.4 46.5 139.3
145 34.9 17.8 53.4

