

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080762.D
 Acq On : 23 Jan 2024 16:46
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 24 02:01:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232118	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108318	47.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.159	113	79227	52.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.565	98	318331	55.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.847	95	107643	48.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	98653	46.861	ug/l	98
3) Chloromethane	2.359	50	152081	63.766	ug/l	97
4) Vinyl Chloride	2.518	62	125246	65.572	ug/l	99
5) Bromomethane	2.948	94	47043	64.799	ug/l	96
6) Chloroethane	3.118	64	68524	67.017	ug/l	98
7) Trichlorofluoromethane	3.500	101	147049	46.619	ug/l	95
8) Diethyl Ether	3.953	74	72020	52.245	ug/l	# 57
9) 1,1,2-Trichlorotrifluo...	4.359	101	90147	52.435	ug/l	91
10) Methyl Iodide	4.583	142	71262	49.571	ug/l	96
11) Tert butyl alcohol	5.512	59	81710	212.319	ug/l	100
12) 1,1-Dichloroethene	4.342	96	91527	47.309	ug/l	# 73
13) Acrolein	4.171	56	83733	260.399	ug/l	99
14) Allyl chloride	5.024	41	193134	50.359	ug/l	# 90
15) Acrylonitrile	5.712	53	260154	258.869	ug/l	99
16) Acetone	4.412	43	163776	219.218	ug/l	91
17) Carbon Disulfide	4.706	76	277659	46.923	ug/l	99
18) Methyl Acetate	5.012	43	122026	54.851	ug/l	# 82
19) Methyl tert-butyl Ether	5.783	73	335778	50.367	ug/l	94
20) Methylene Chloride	5.277	84	110120	50.491	ug/l	# 71
21) trans-1,2-Dichloroethene	5.777	96	102403	52.183	ug/l	# 71
22) Diisopropyl ether	6.665	45	431212	59.626	ug/l	# 88
23) Vinyl Acetate	6.594	43	1653865	280.977	ug/l	# 82
24) 1,1-Dichloroethane	6.565	63	228093	57.617	ug/l	96
25) 2-Butanone	7.471	43	328067	242.935	ug/l	# 77
26) 2,2-Dichloropropane	7.488	77	181389	52.391	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	120666	55.779	ug/l	76
28) Bromochloromethane	7.812	49	98046	52.977	ug/l	# 59
29) Tetrahydrofuran	7.835	42	228311	250.831	ug/l	# 70
30) Chloroform	7.959	83	197077	53.103	ug/l	95
31) Cyclohexane	8.259	56	193761	55.114	ug/l	# 79
32) 1,1,1-Trichloroethane	8.165	97	161010	48.738	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	156690	50.422	ug/l	93
37) Ethyl Acetate	7.553	43	148074	49.138	ug/l	# 89
38) Carbon Tetrachloride	8.359	117	130673	46.833	ug/l	94
39) Methylcyclohexane	9.600	83	163486	54.974	ug/l	# 80
40) Benzene	8.606	78	479502	54.888	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	84255	48.203	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	158074	47.264	ug/l	98
43) Isopropyl Acetate	8.682	43	276050	49.837	ug/l #	88
44) Trichloroethene	9.347	130	99647	50.385	ug/l	87
45) 1,2-Dichloropropane	9.624	63	133872	57.801	ug/l	99
46) Dibromomethane	9.712	93	75385	51.445	ug/l	93
47) Bromodichloromethane	9.888	83	156602	48.150	ug/l	99
48) Methyl methacrylate	9.676	41	129980	49.564	ug/l #	73
49) 1,4-Dioxane	9.688	88	27121	829.995	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	745733	249.555	ug/l	87
52) Toluene	10.629	92	280004	55.942	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	184603	51.137	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	206696	53.992	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	105416	54.717	ug/l	93
56) Ethyl methacrylate	10.871	69	173567	50.300	ug/l #	72
57) 1,3-Dichloropropane	11.159	76	198258	56.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	456945	276.471	ug/l #	84
59) 2-Hexanone	11.194	43	535394	242.702	ug/l	86
60) Dibromochloromethane	11.353	129	100292	50.653	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97554	51.511	ug/l	98
64) Tetrachloroethene	11.100	164	80401	50.438	ug/l	99
65) Chlorobenzene	11.888	112	269412	53.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	93032	51.669	ug/l	97
67) Ethyl Benzene	11.965	91	521140	53.816	ug/l	96
68) m/p-Xylenes	12.070	106	380902	111.883	ug/l	92
69) o-Xylene	12.400	106	185095	55.605	ug/l	89
70) Styrene	12.412	104	316057	55.914	ug/l	97
71) Bromoform	12.582	173	58371	47.122	ug/l #	100
73) Isopropylbenzene	12.694	105	470181	52.958	ug/l	97
74) N-amyl acetate	12.494	43	251533	47.209	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	132576	45.522	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	186184	64.670	ug/l	75
77) Bromobenzene	12.982	156	92125	48.853	ug/l	74
78) n-propylbenzene	13.035	91	578862	53.150	ug/l	94
79) 2-Chlorotoluene	13.129	91	340160	48.735	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	379992	51.356	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	50464	41.322	ug/l #	82
82) 4-Chlorotoluene	13.223	91	342930	50.117	ug/l	93
83) tert-Butylbenzene	13.441	119	299671	50.662	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	379909	52.216	ug/l	98
85) sec-Butylbenzene	13.617	105	446920	53.176	ug/l	96
86) p-Isopropyltoluene	13.729	119	344628	51.920	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	170703	50.681	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	169032	49.262	ug/l	97
89) n-Butylbenzene	14.059	91	350831	54.834	ug/l	97
90) Hexachloroethane	14.335	117	60545	49.185	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	168370	53.049	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24536	36.710	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	84642	51.206	ug/l	98
94) Hexachlorobutadiene	15.500	225	37692	47.515	ug/l	99
95) Naphthalene	15.641	128	294614	45.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80919	50.575	ug/l	98

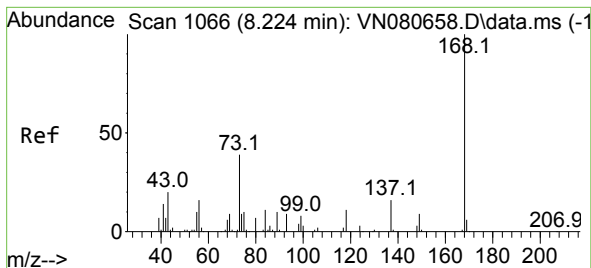
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
Data File : VN080762.D
Acq On : 23 Jan 2024 16:46
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 24 02:01:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

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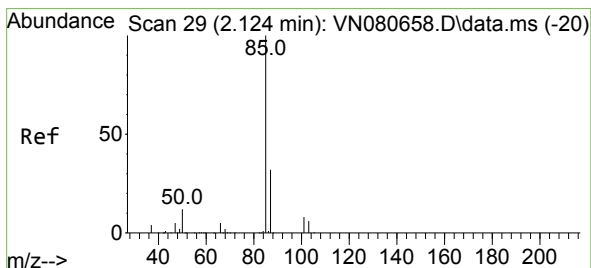
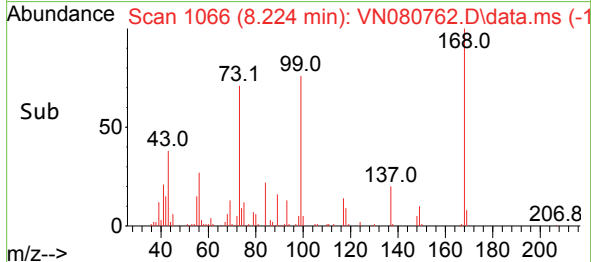
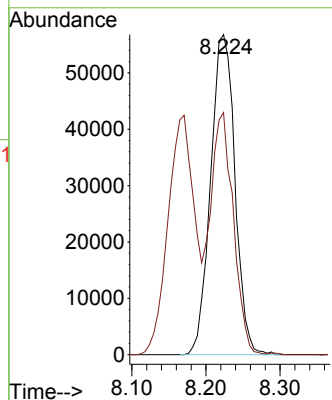
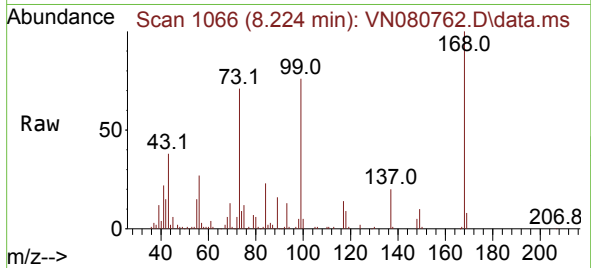
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

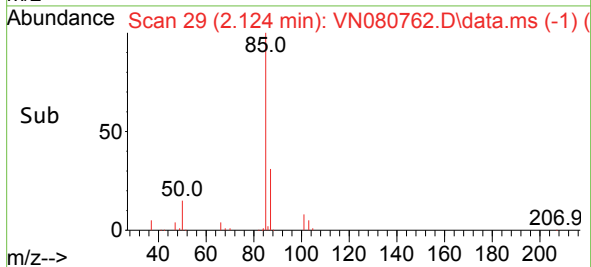
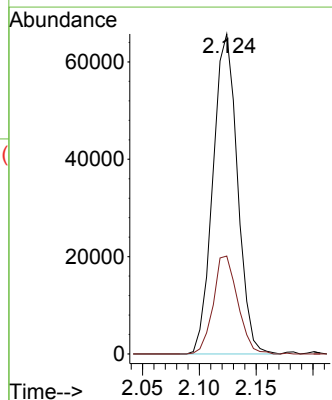
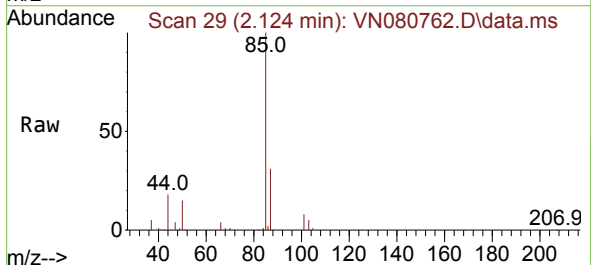
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ClientSampleId :
VSTDCCC050EC

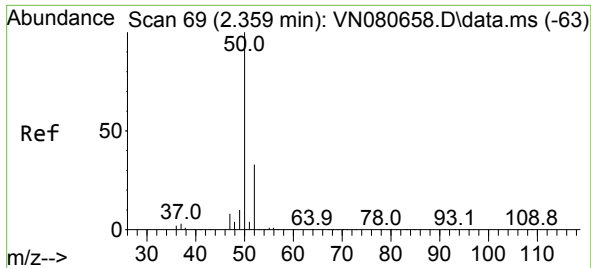
Tgt Ion:168 Resp: 129582
Ion Ratio Lower Upper
168 100
99 75.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 46.861 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 85 Resp: 98653
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.4

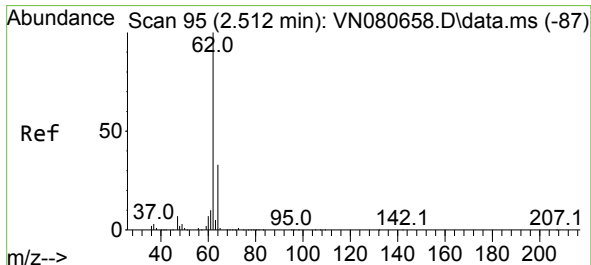
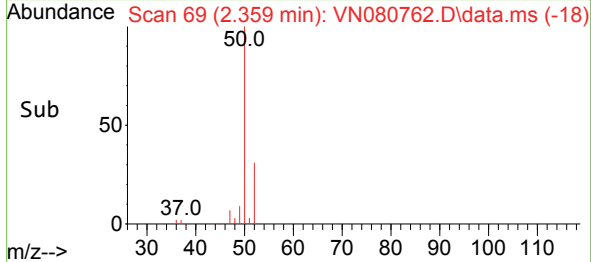
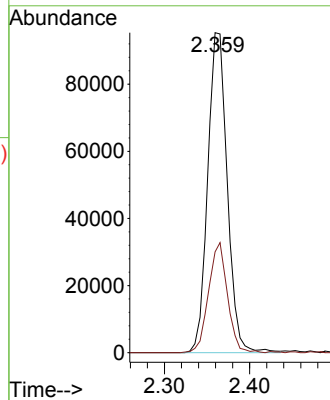
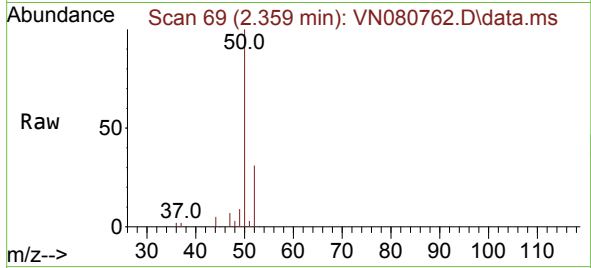




#3
Chloromethane
Concen: 63.766 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

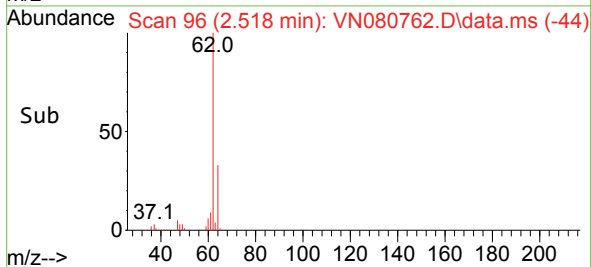
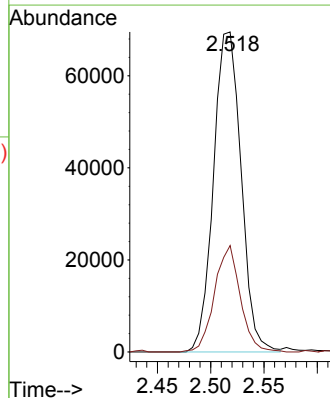
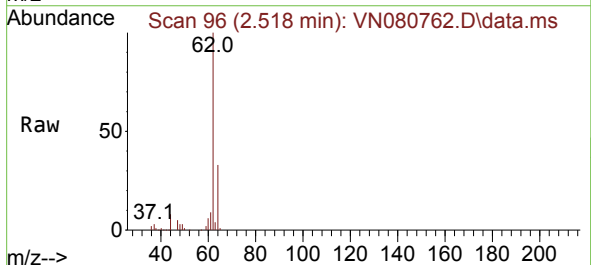
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

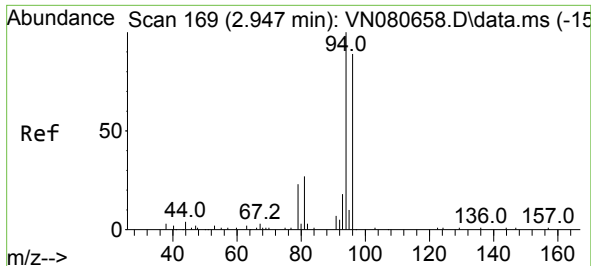
Tgt Ion: 50 Resp: 152081
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7



#4
Vinyl Chloride
Concen: 65.572 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 62 Resp: 125246
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

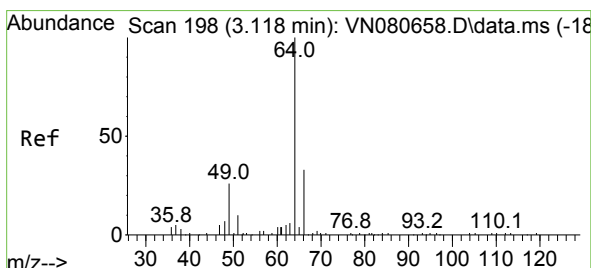
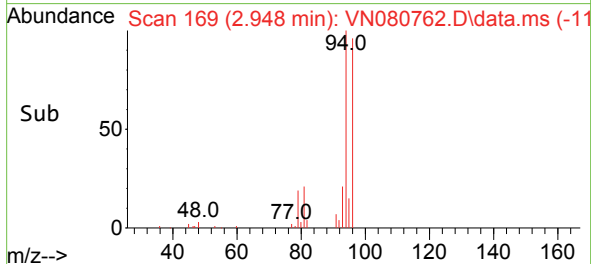
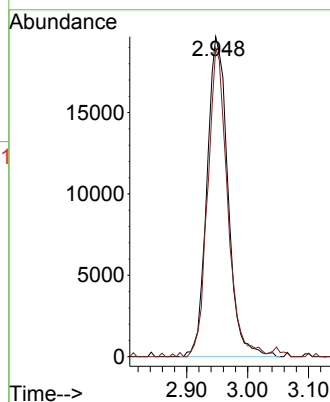
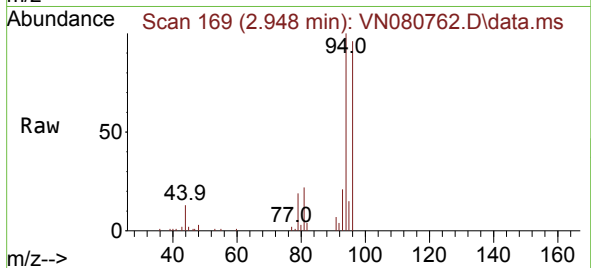




#5
Bromomethane
Concen: 64.799 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

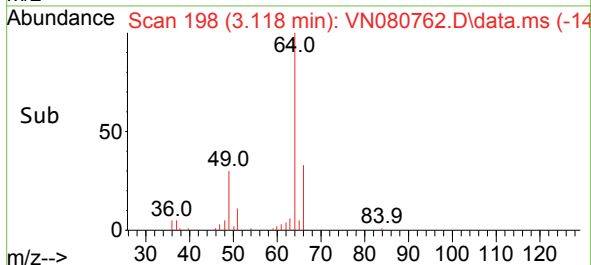
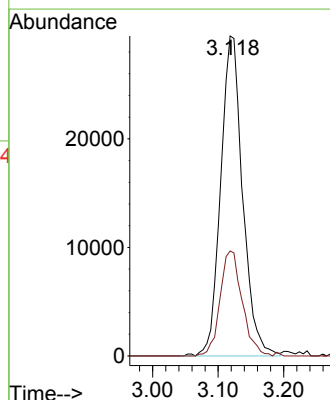
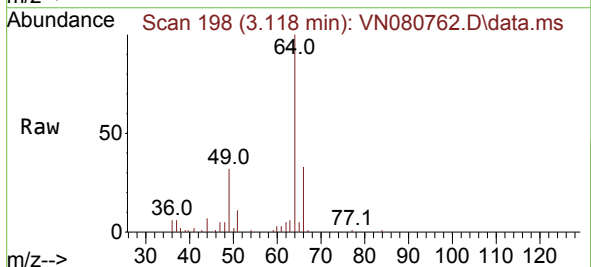
Instrument :
MSVOA_N
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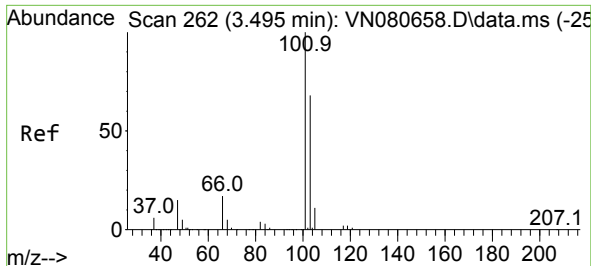
Tgt Ion: 94 Resp: 47043
Ion Ratio Lower Upper
94 100
96 95.2 73.1 109.7



#6
Chloroethane
Concen: 67.017 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 64 Resp: 68524
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2

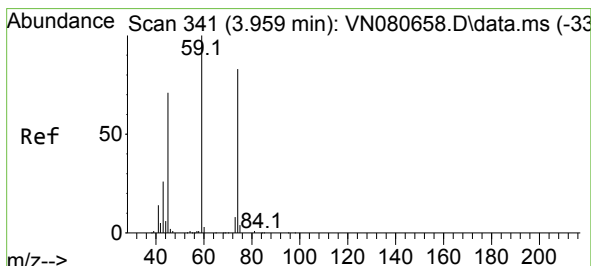
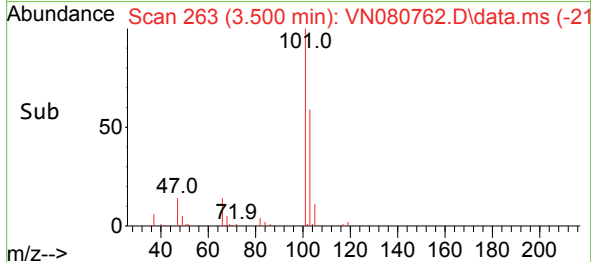
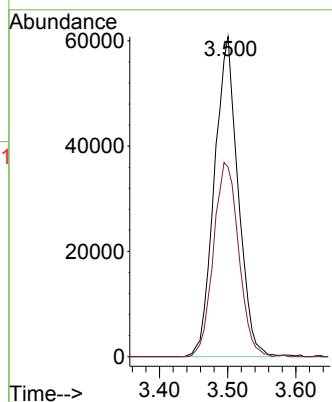
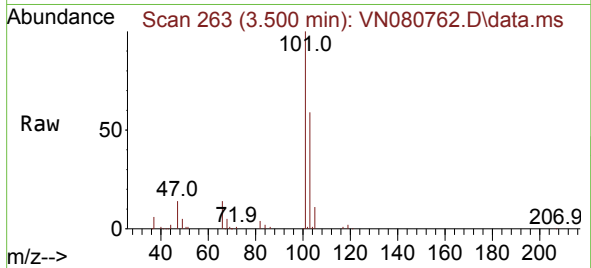




#7
Trichlorofluoromethane
Concen: 46.619 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

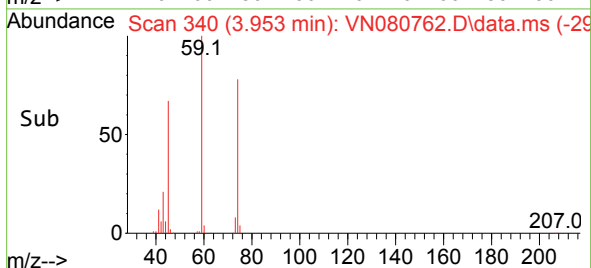
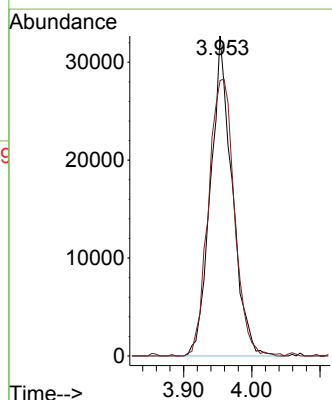
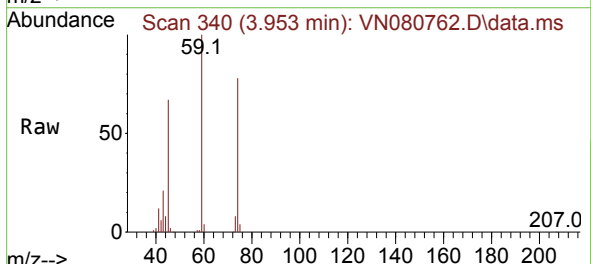
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

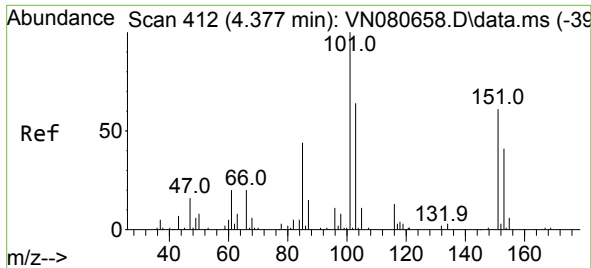
Tgt Ion:101 Resp: 147049
Ion Ratio Lower Upper
101 100
103 59.2 50.7 76.1



#8
Diethyl Ether
Concen: 52.245 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 74 Resp: 72020
Ion Ratio Lower Upper
74 100
45 104.0 34.4 103.3#

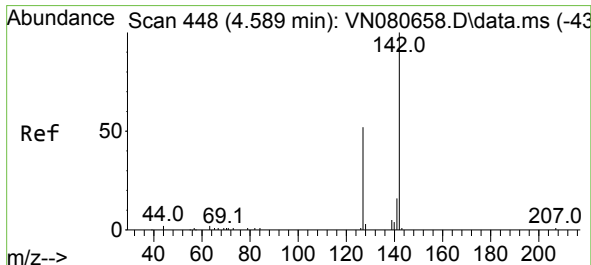
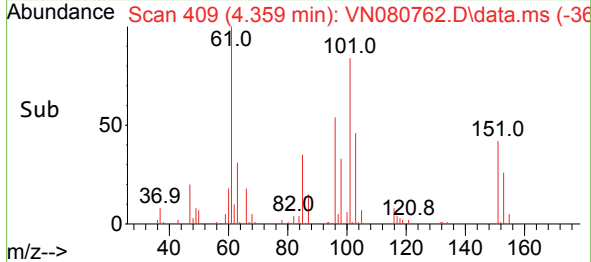
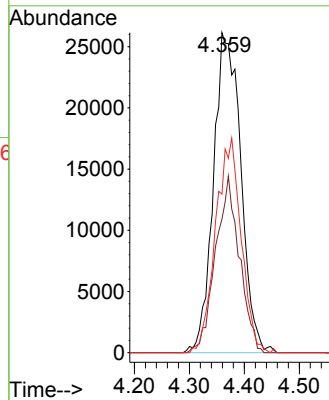
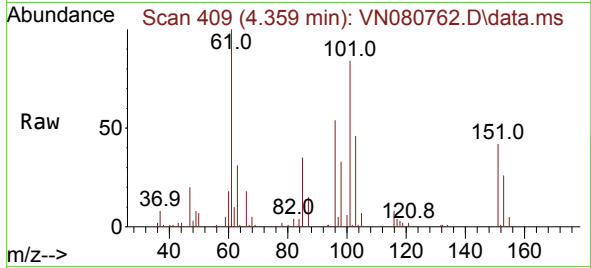




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.435 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.018 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

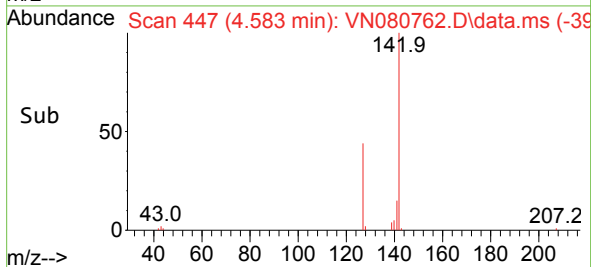
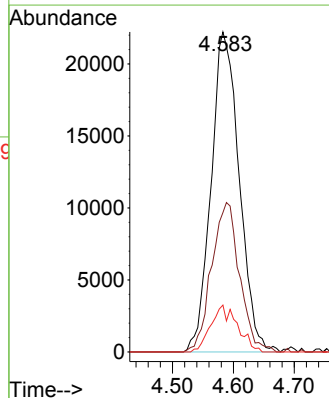
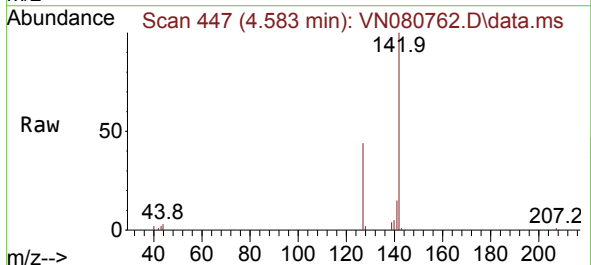
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

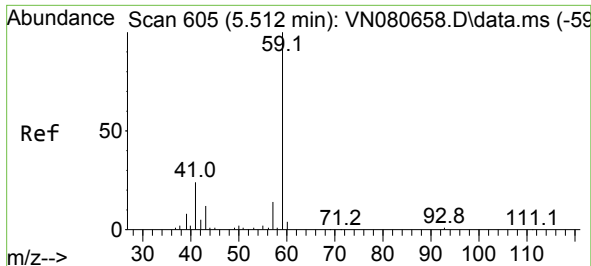
Tgt Ion:101 Resp: 90147
Ion Ratio Lower Upper
101 100
85 48.5 36.6 55.0
151 62.6 57.6 86.4



#10
Methyl Iodide
Concen: 49.571 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion:142 Resp: 71262
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 14.7 11.4 17.0

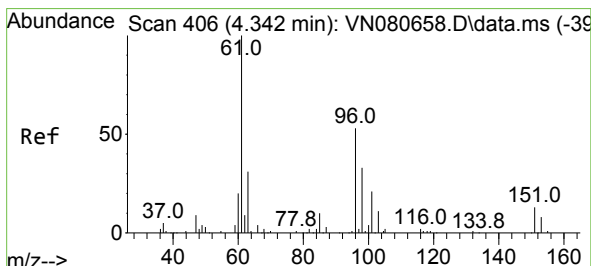
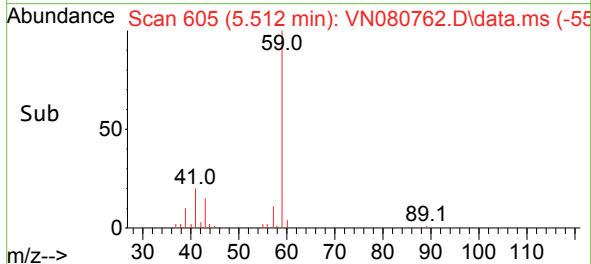
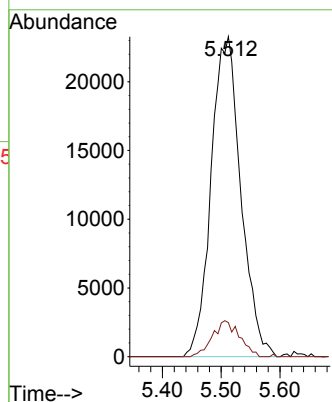
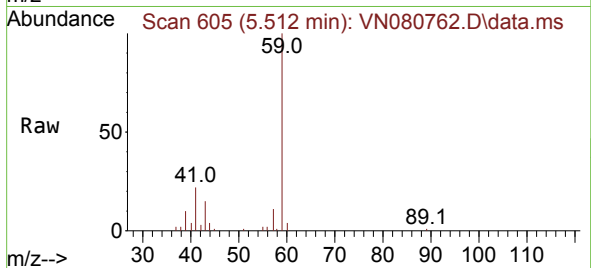




#11
Tert butyl alcohol
Concen: 212.319 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

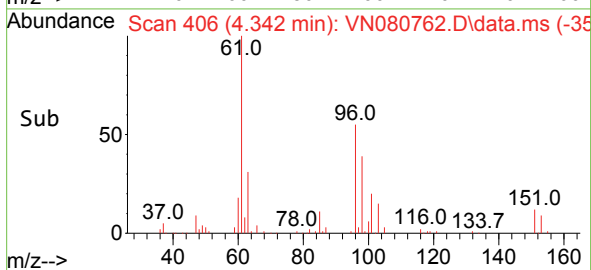
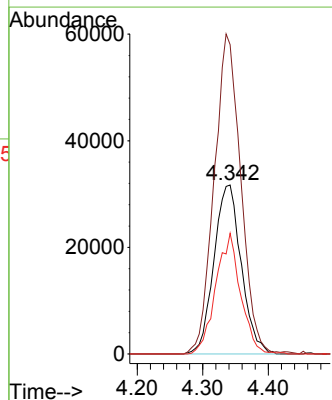
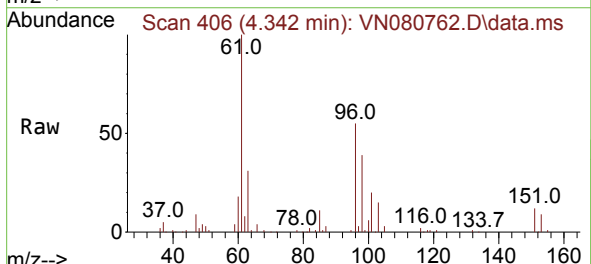
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

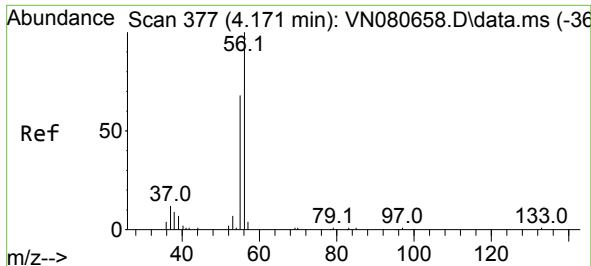
Tgt Ion: 59 Resp: 81710
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.309 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 96 Resp: 91527
Ion Ratio Lower Upper
96 100
61 183.1 112.7 169.1#
98 71.5 51.2 76.8

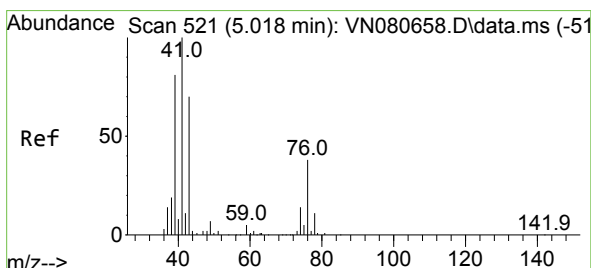
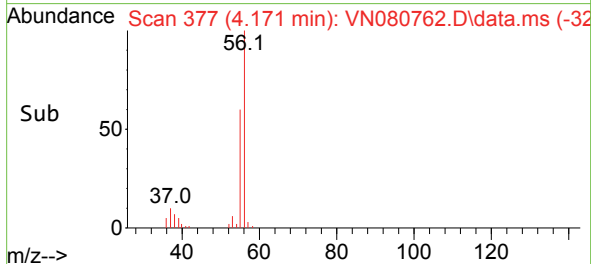
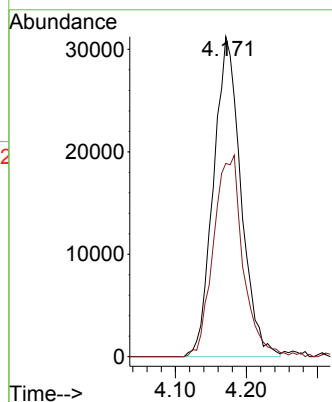
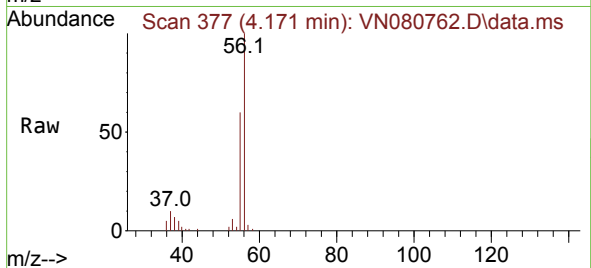




#13
Acrolein
Concen: 260.399 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

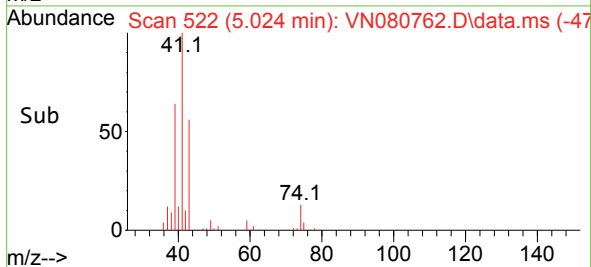
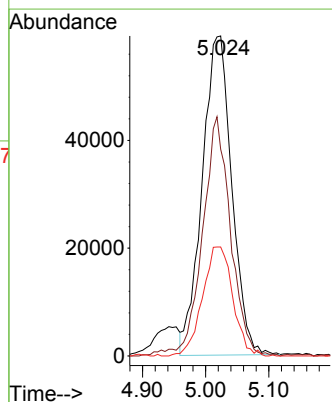
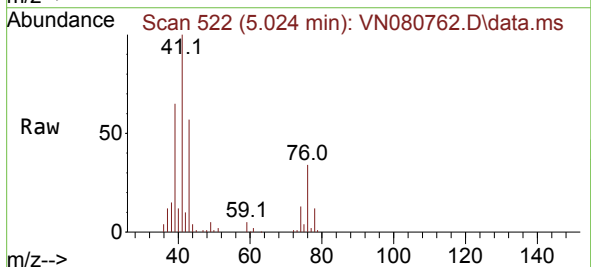
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

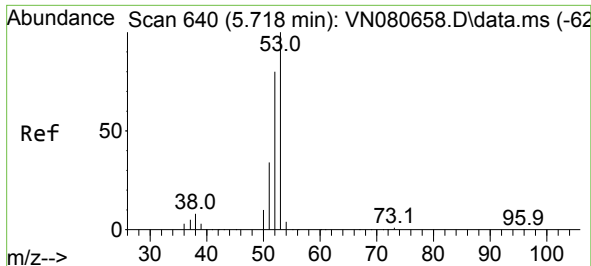
Tgt Ion: 56 Resp: 83733
Ion Ratio Lower Upper
56 100
55 67.7 54.5 81.7



#14
Allyl chloride
Concen: 50.359 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 41 Resp: 193134
Ion Ratio Lower Upper
41 100
39 71.1 58.8 88.2
76 34.9 39.1 58.7#

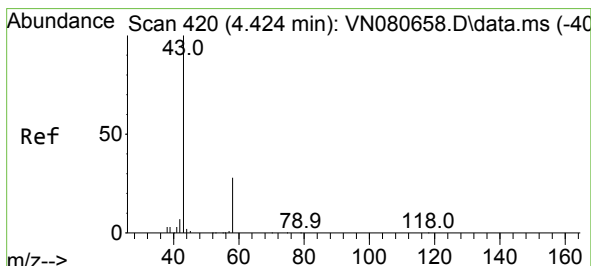
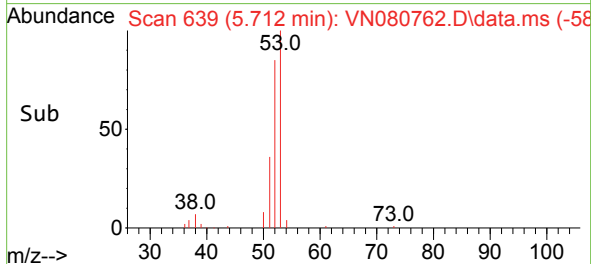
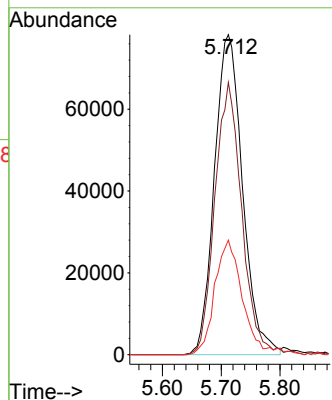
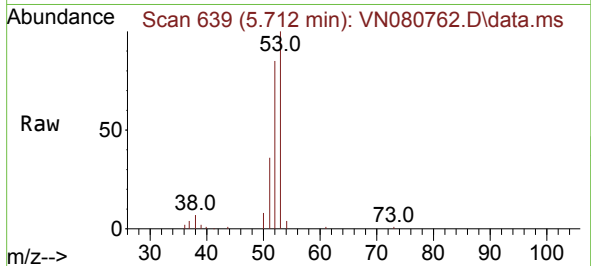




#15
Acrylonitrile
Concen: 258.869 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

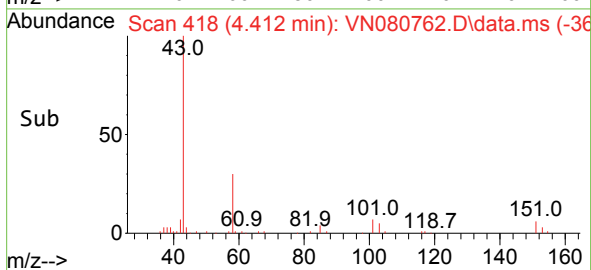
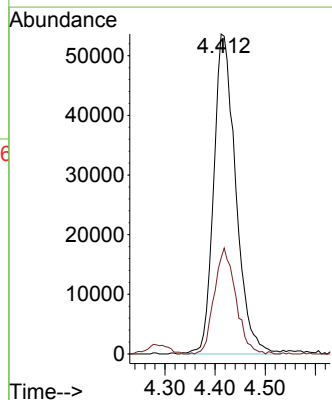
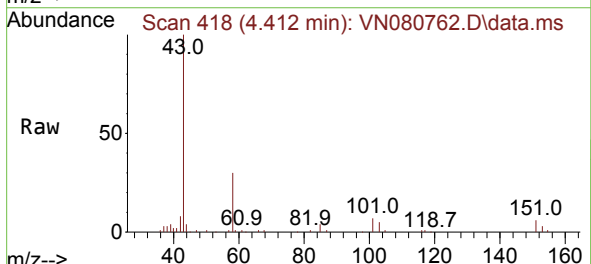
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

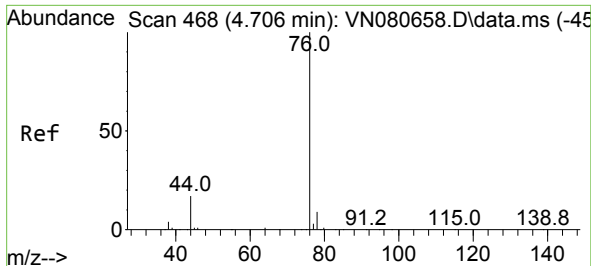
Tgt Ion: 53 Resp: 260154
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 219.218 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 43 Resp: 163776
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

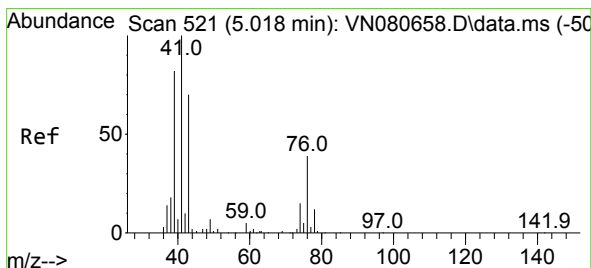
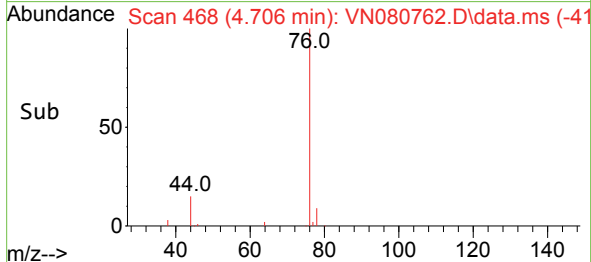
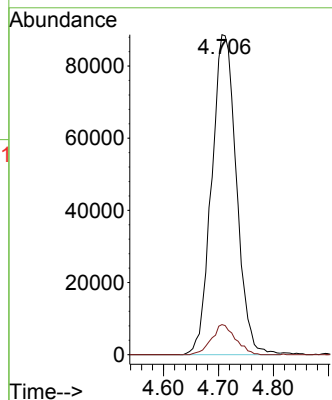
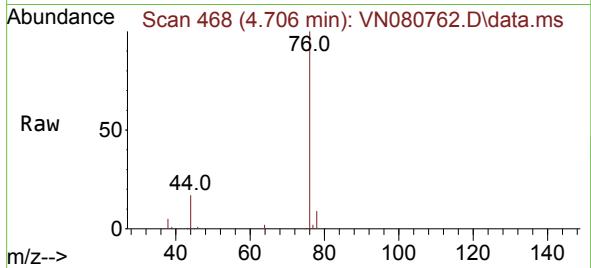




#17
Carbon Disulfide
Concen: 46.923 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

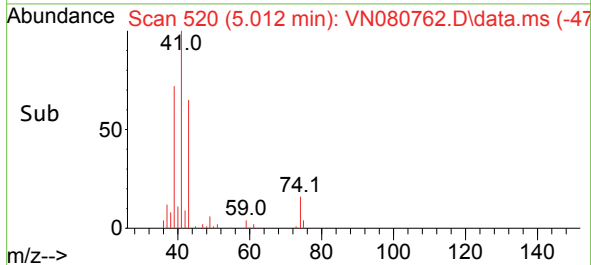
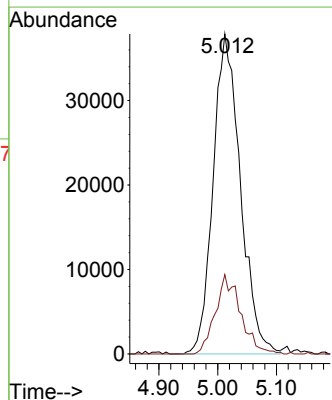
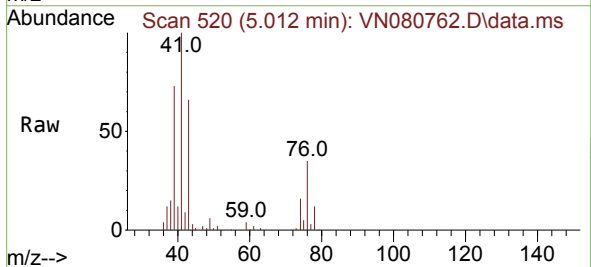
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

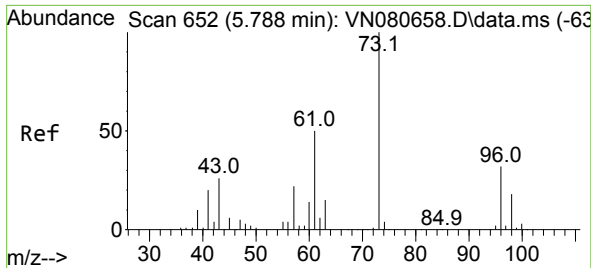
Tgt Ion: 76 Resp: 277659
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 54.851 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 43 Resp: 122026
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#

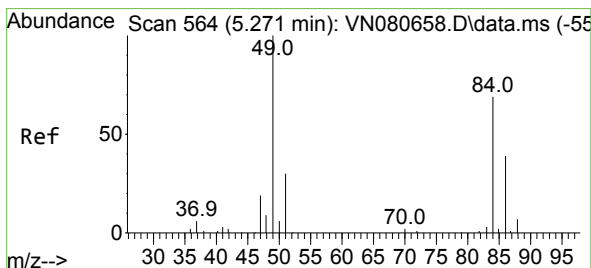
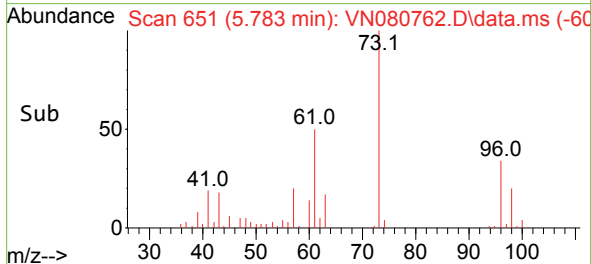
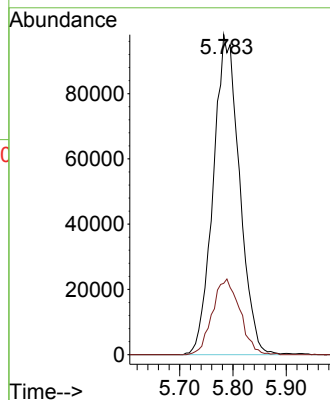
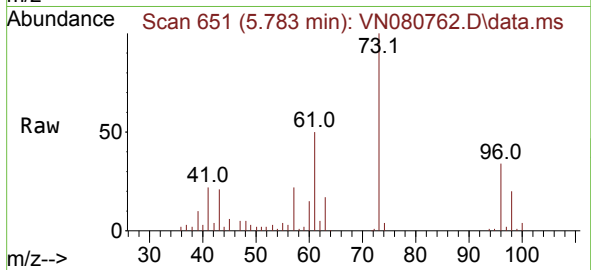




#19
Methyl tert-butyl Ether
Concen: 50.367 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

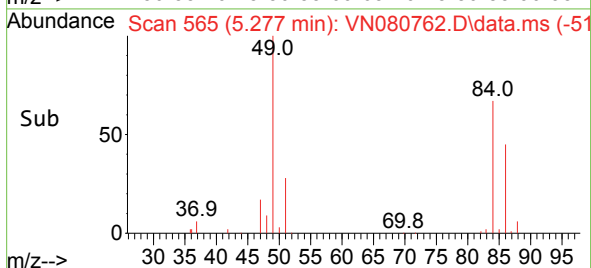
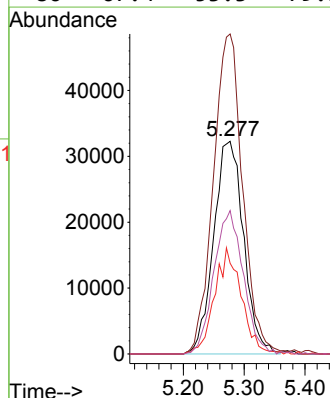
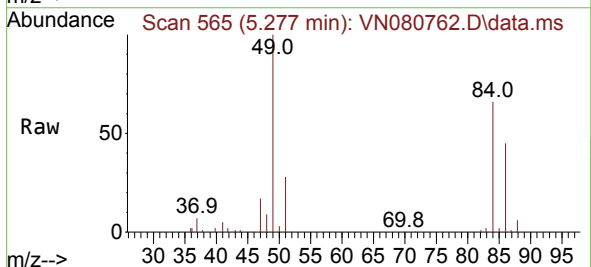
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

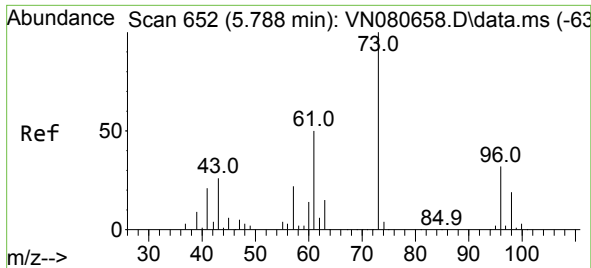
Tgt Ion: 73 Resp: 335778
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 50.491 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 84 Resp: 110120
Ion Ratio Lower Upper
84 100
49 150.4 79.7 119.5#
51 42.7 25.2 37.8#
86 67.4 53.3 79.9

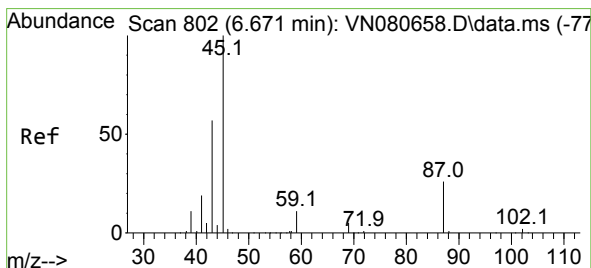
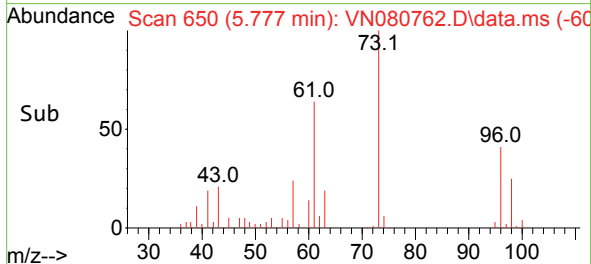
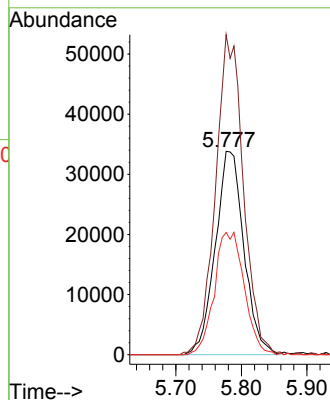
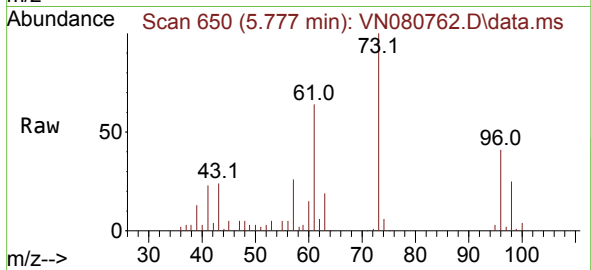




#21
trans-1,2-Dichloroethene
Concen: 52.183 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

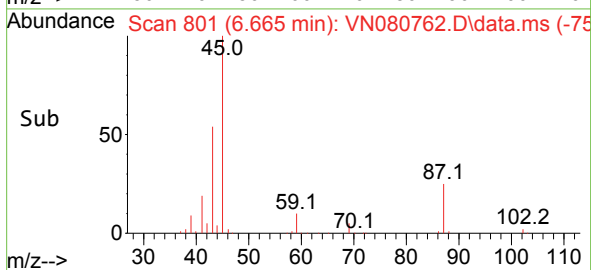
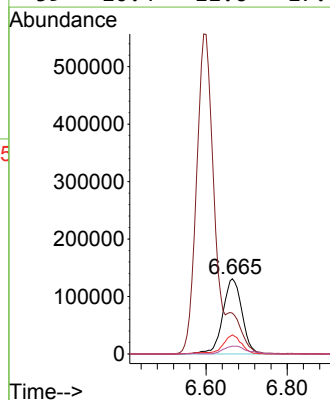
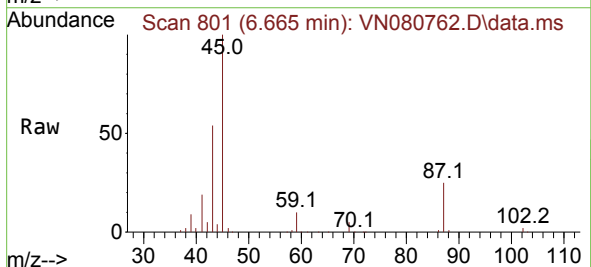
Instrument :
MSVOA_N
ClientSampleId :
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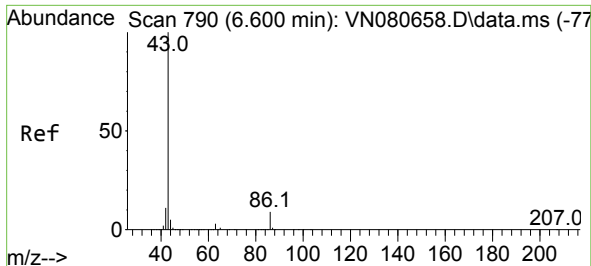
Tgt Ion: 96 Resp: 102403
Ion Ratio Lower Upper
96 100
61 157.4 90.1 135.1#
98 60.1 46.4 69.6



#22
Diisopropyl ether
Concen: 59.626 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 45 Resp: 431212
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 25.3 31.8 47.8#
59 10.4 11.6 17.4#

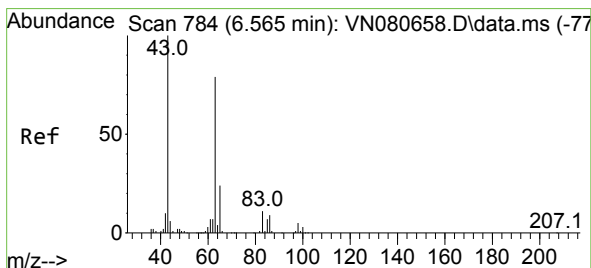
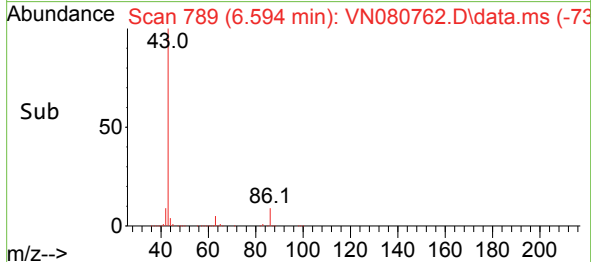
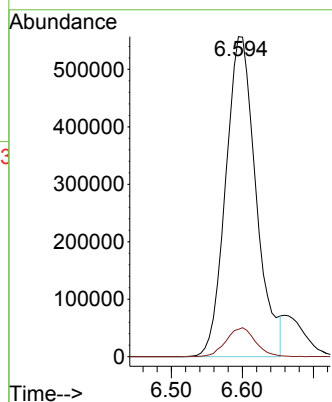
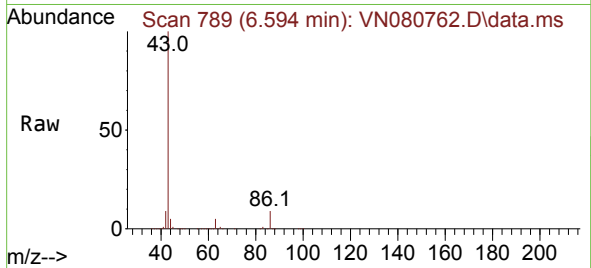




#23
 Vinyl Acetate
 Concen: 280.977 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

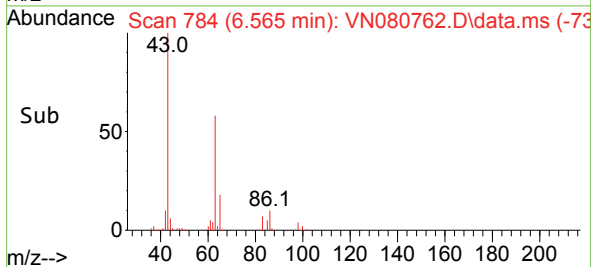
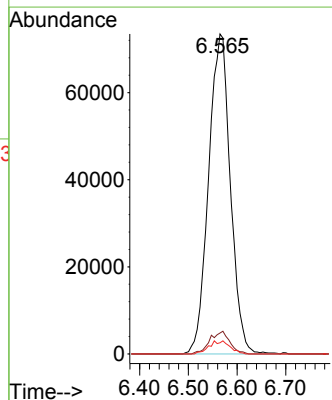
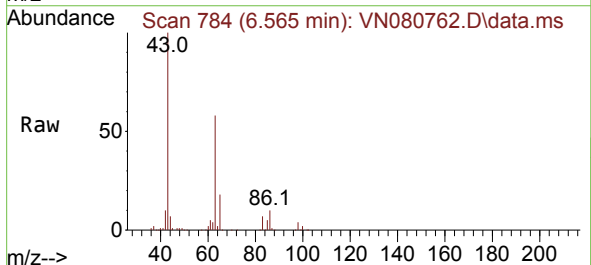
Instrument :
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 VSTDCCC050EC

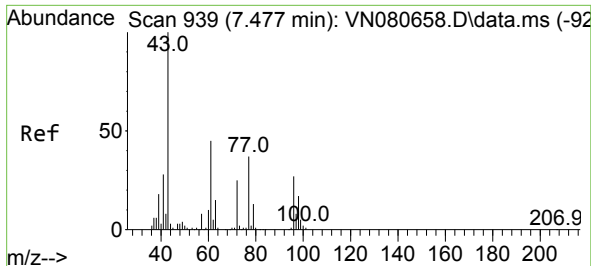
Tgt Ion: 43 Resp: 1653865
 Ion Ratio Lower Upper
 43 100
 86 8.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 57.617 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion: 63 Resp: 228093
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.5 2.5 7.4

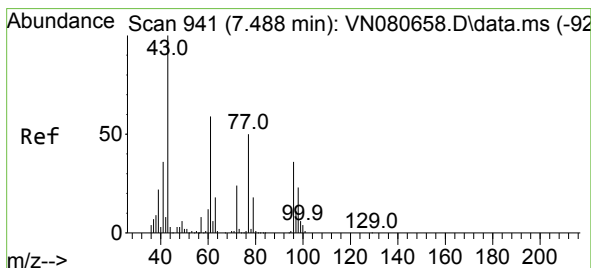
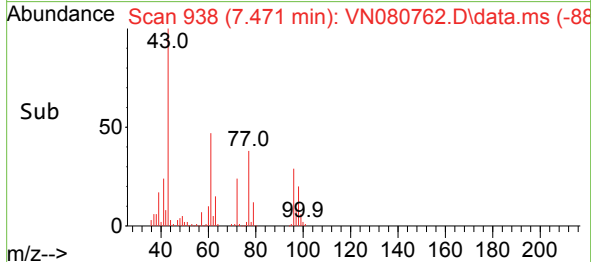
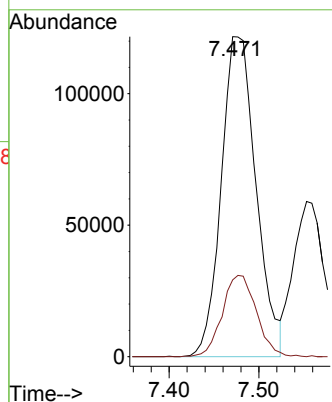
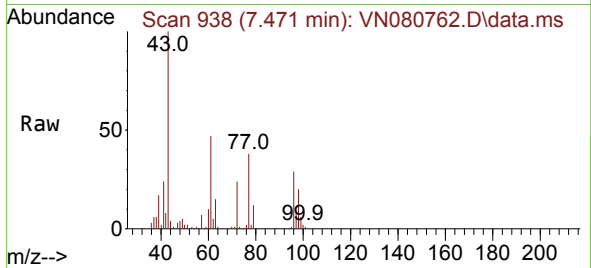




#25
2-Butanone
Concen: 242.935 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

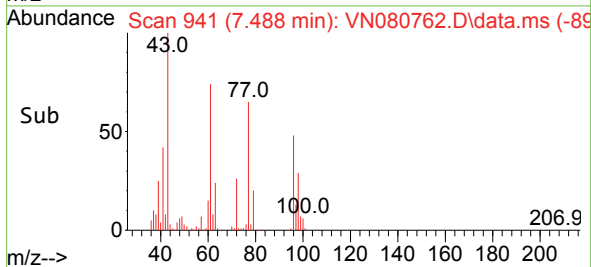
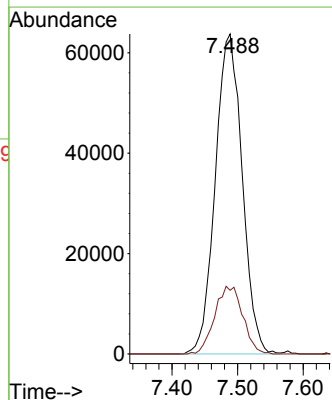
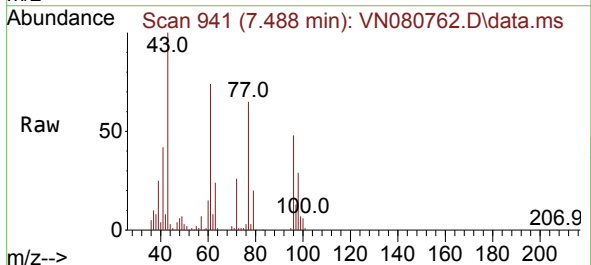
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

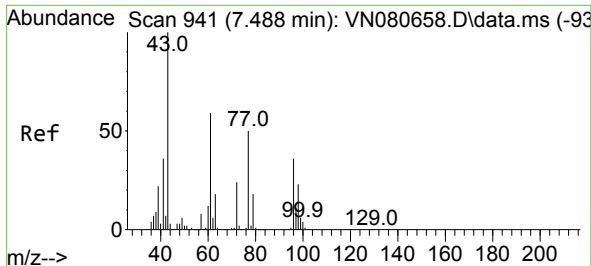
Tgt Ion: 43 Resp: 328067
Ion Ratio Lower Upper
43 100
72 24.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.391 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 77 Resp: 181389
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

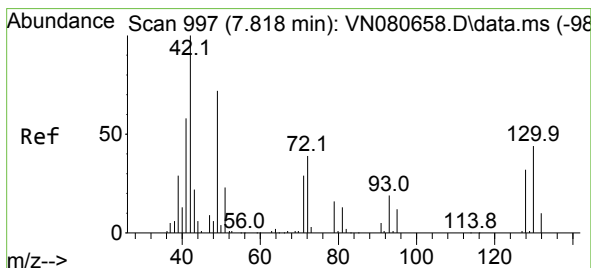
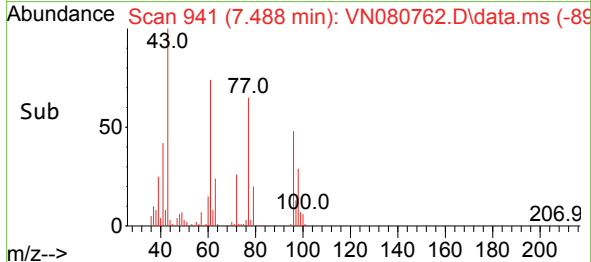
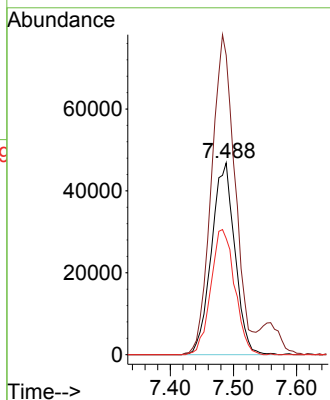
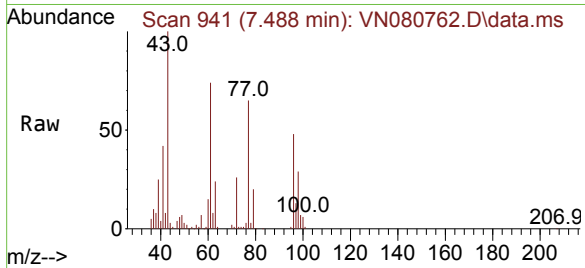




#27
 cis-1,2-Dichloroethene
 Concen: 55.779 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

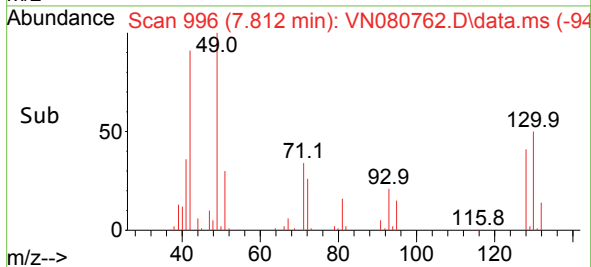
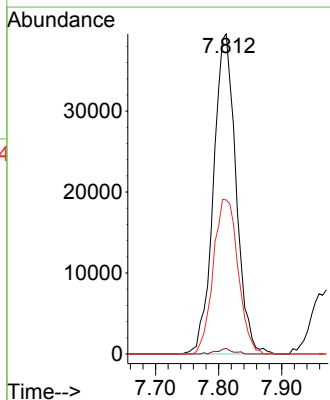
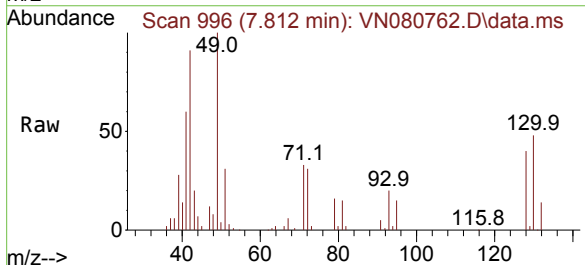
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

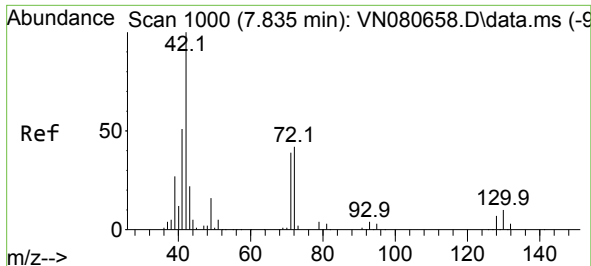
Tgt Ion: 96 Resp: 120666
 Ion Ratio Lower Upper
 96 100
 61 168.1 0.0 255.2
 98 66.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.977 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion: 49 Resp: 98046
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 53.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 250.831 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

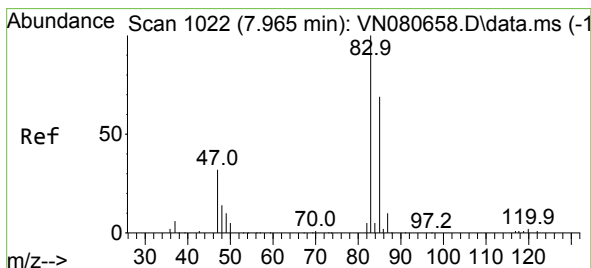
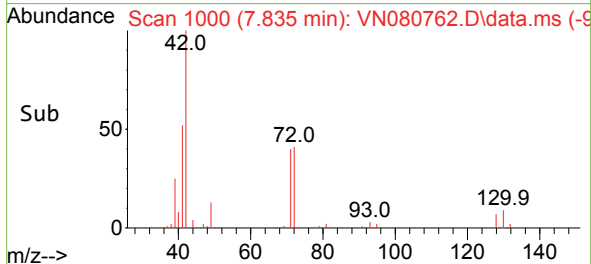
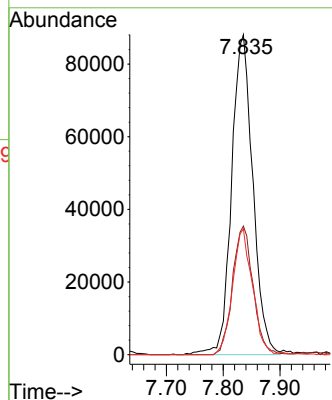
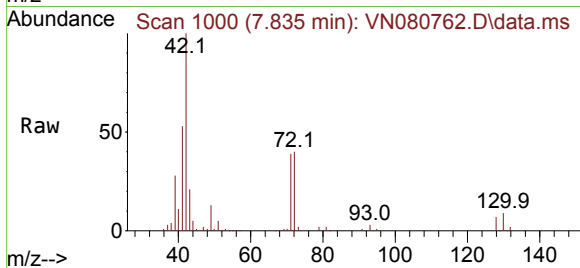
Tgt Ion: 42 Resp: 228311

Ion Ratio Lower Upper

42 100

72 38.8 49.8 74.6#

71 36.8 47.4 71.2#



#30

Chloroform

Concen: 53.103 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080762.D

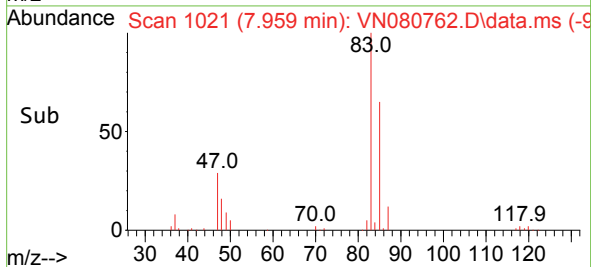
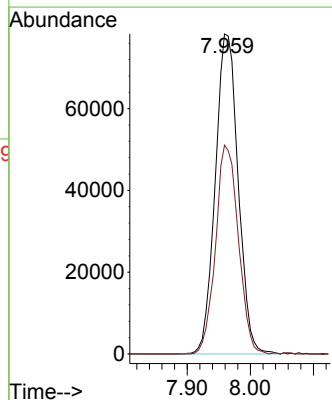
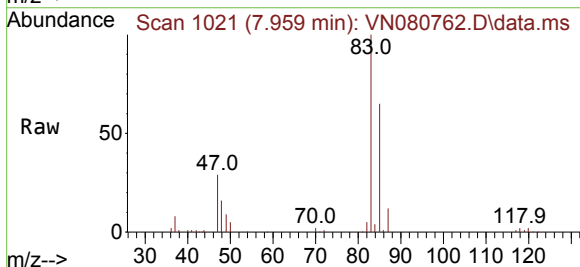
Acq: 23 Jan 2024 16:46

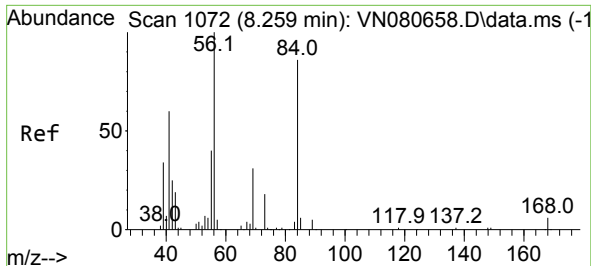
Tgt Ion: 83 Resp: 197077

Ion Ratio Lower Upper

83 100

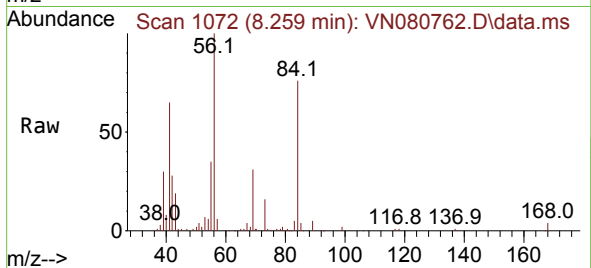
85 65.2 55.4 83.0



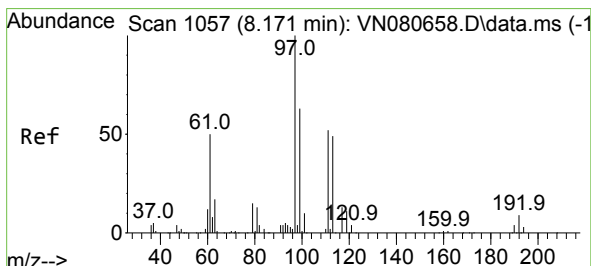
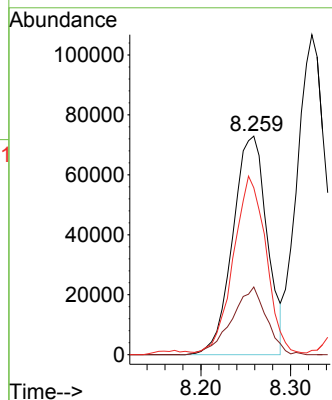
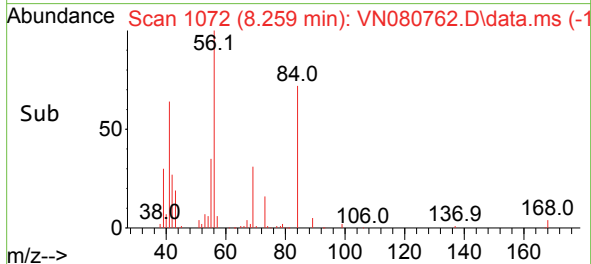


#31
Cyclohexane
Concen: 55.114 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

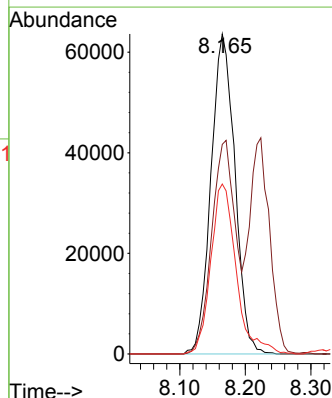
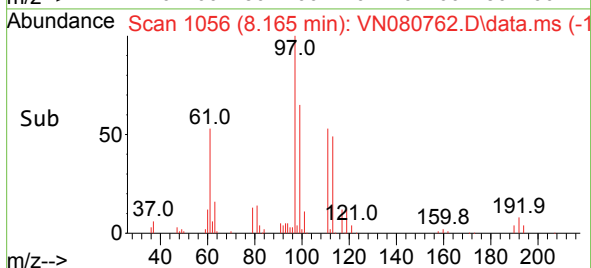
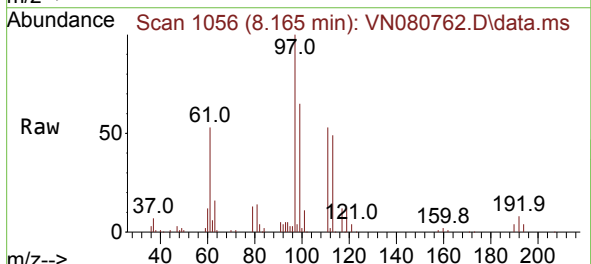


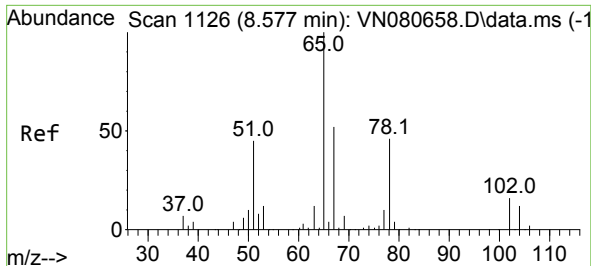
Tgt Ion: 56 Resp: 193761
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 75.1 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 48.738 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 97 Resp: 161010
Ion Ratio Lower Upper
97 100
99 66.0 50.3 75.5
61 56.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 47.600 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

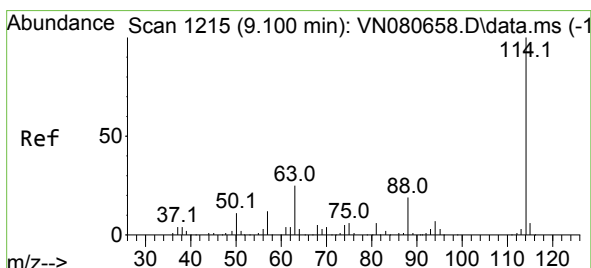
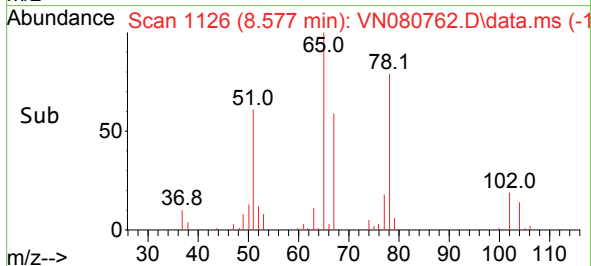
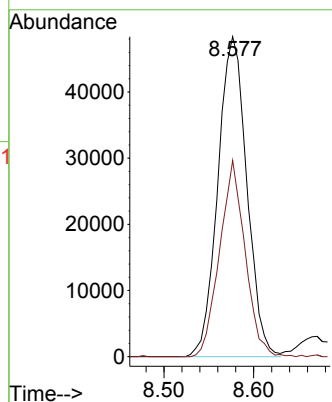
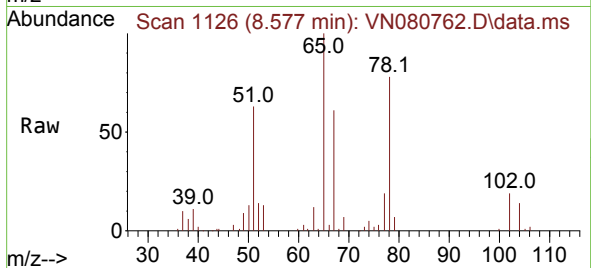
VSTDCCC050EC

Tgt Ion: 65 Resp: 108318

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

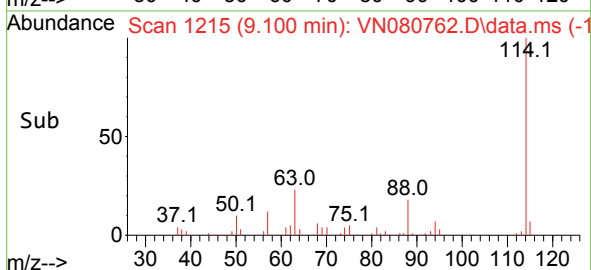
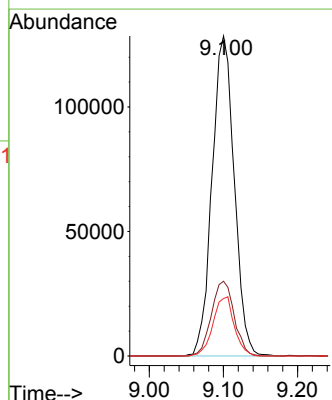
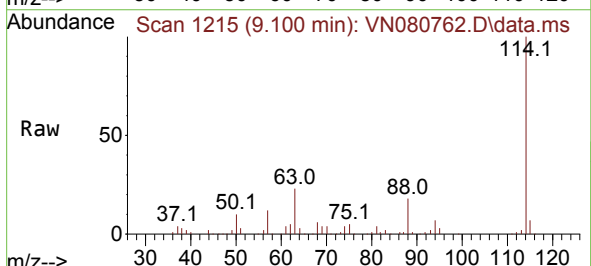
Tgt Ion: 114 Resp: 267004

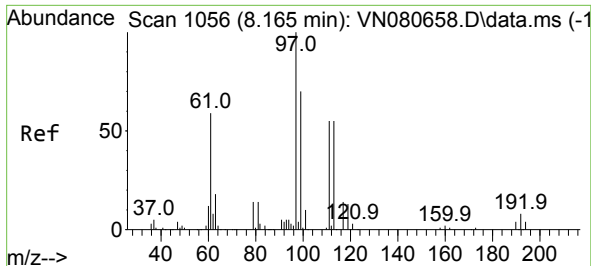
Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.4

88 18.0 0.0 30.6

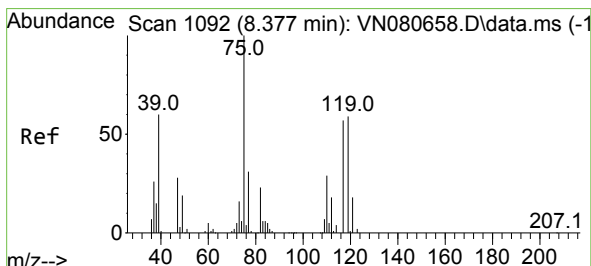
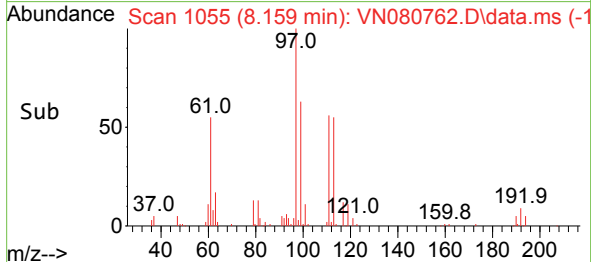
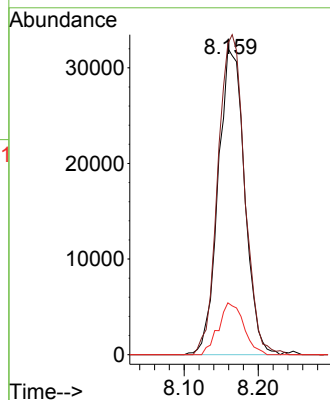
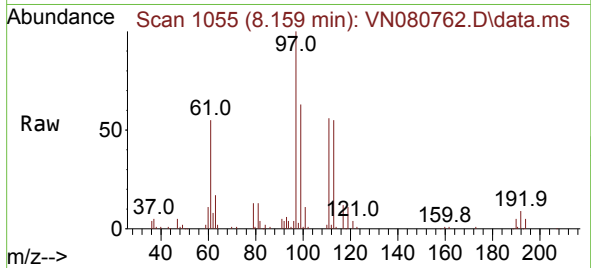




#35
Dibromofluoromethane
Concen: 52.224 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

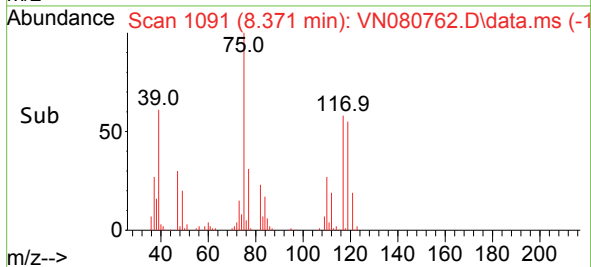
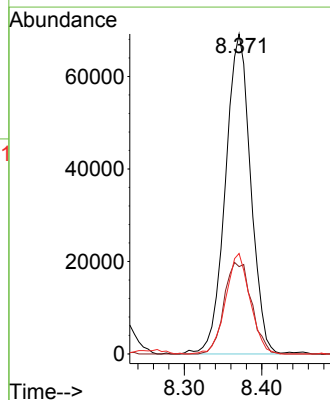
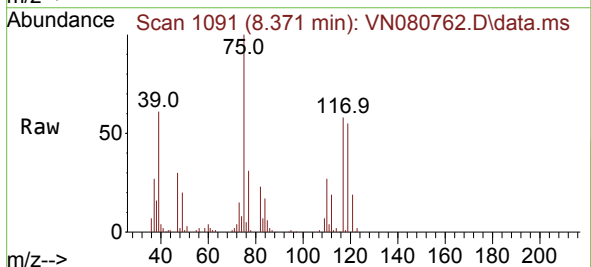
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

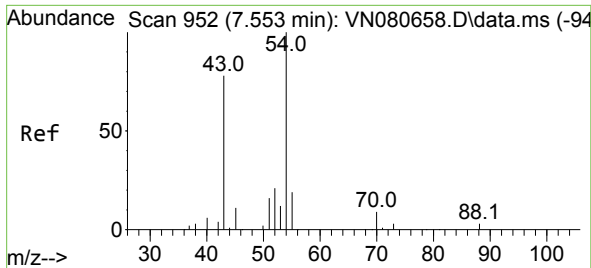
Tgt Ion:113 Resp: 79227
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.422 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 75 Resp: 156690
Ion Ratio Lower Upper
75 100
110 31.1 19.1 57.3
77 30.5 25.0 37.4

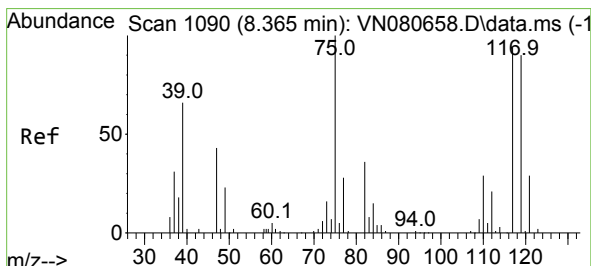
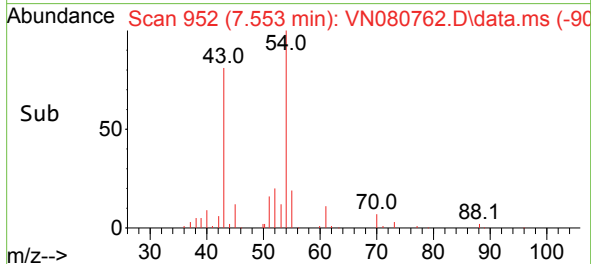
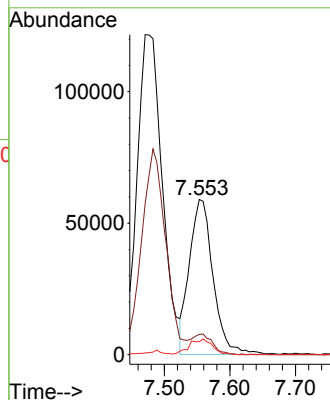
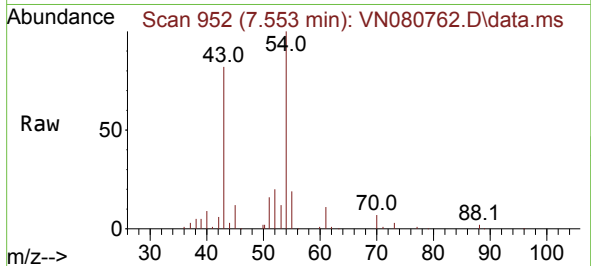




#37
Ethyl Acetate
Concen: 49.138 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

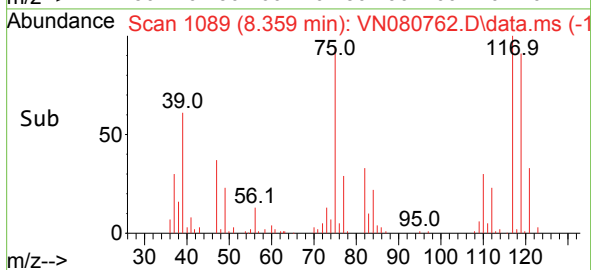
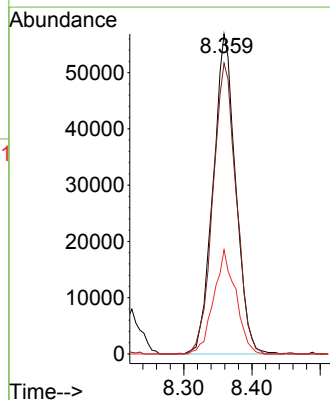
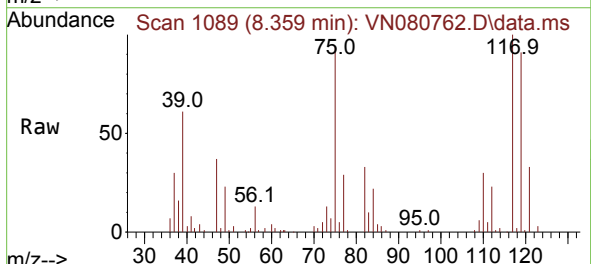
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

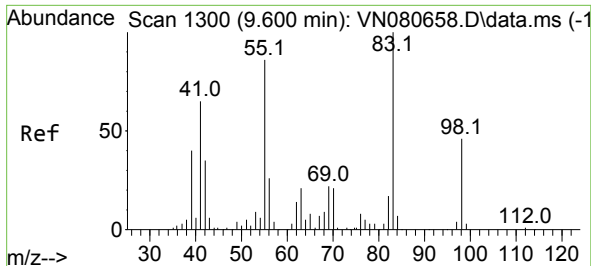
Tgt Ion: 43 Resp: 148074
Ion Ratio Lower Upper
43 100
61 11.6 13.2 19.8#
70 9.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 46.833 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 117 Resp: 130673
Ion Ratio Lower Upper
117 100
119 90.8 77.3 115.9
121 32.6 23.3 34.9

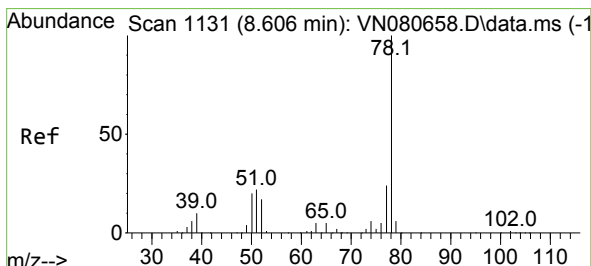
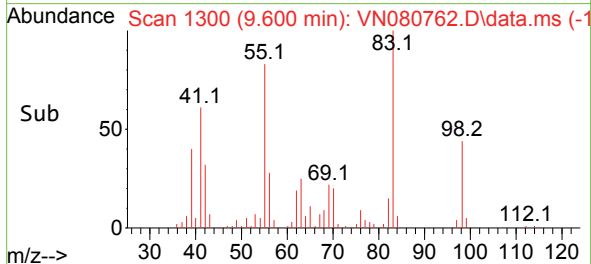
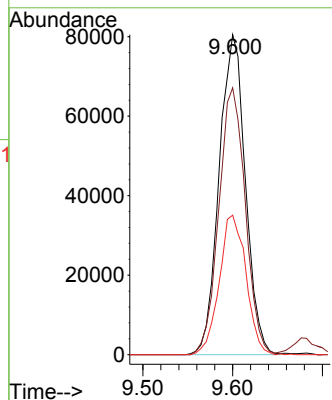
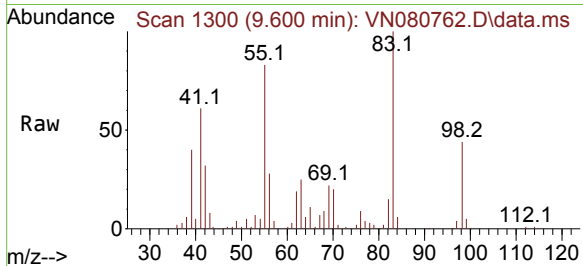




#39
Methylcyclohexane
Concen: 54.974 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

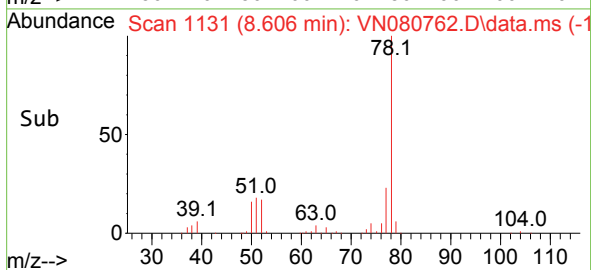
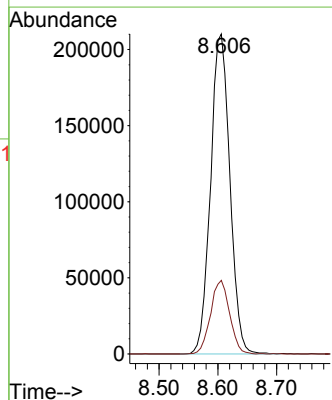
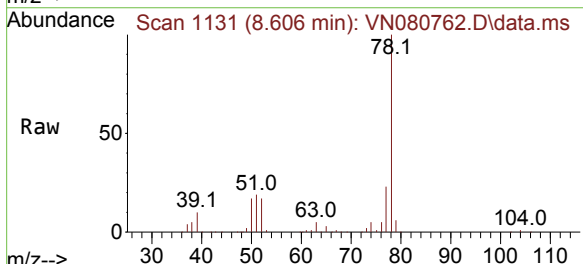
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

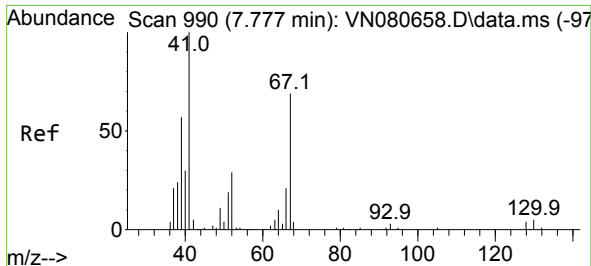
Tgt Ion: 83 Resp: 163486
Ion Ratio Lower Upper
83 100
55 83.4 49.1 73.7#
98 43.6 40.6 61.0



#40
Benzene
Concen: 54.888 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 78 Resp: 479502
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

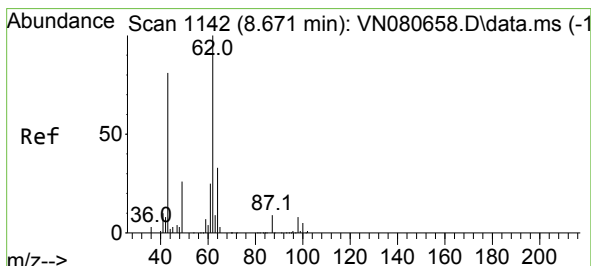
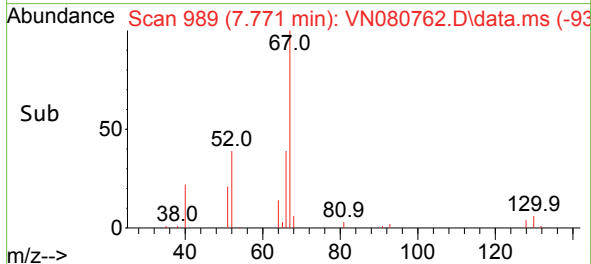
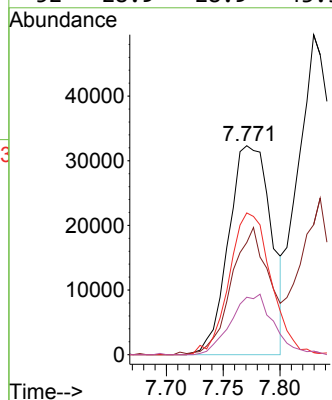
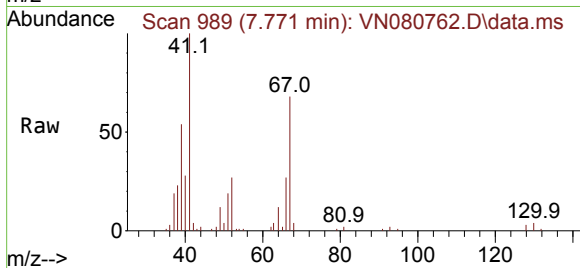




#41
Methacrylonitrile
Concen: 48.203 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

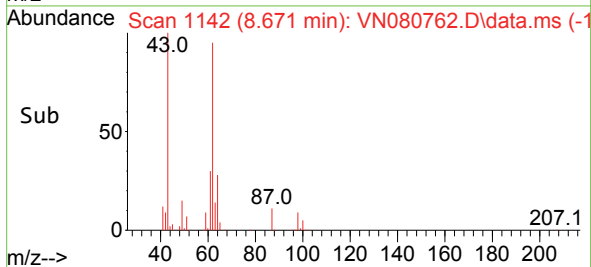
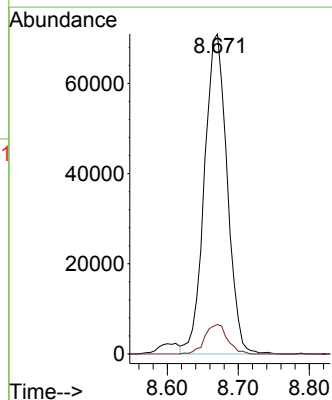
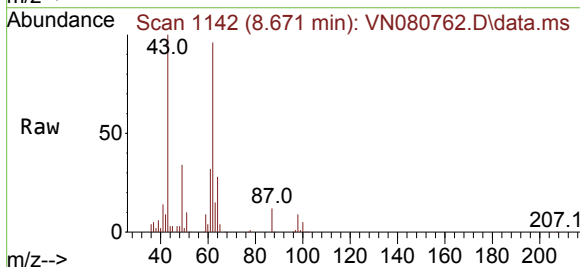
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

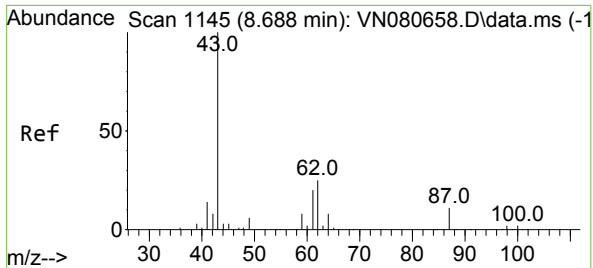
Tgt Ion: 41 Resp: 84255
Ion Ratio Lower Upper
41 100
39 54.5 42.6 64.0
67 66.7 77.5 116.3#
52 28.9 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 47.264 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 62 Resp: 158074
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8

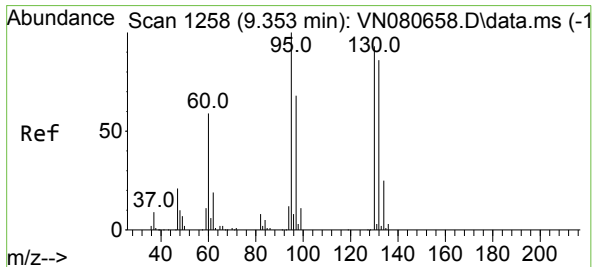
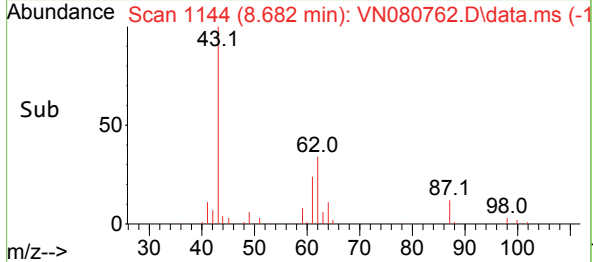
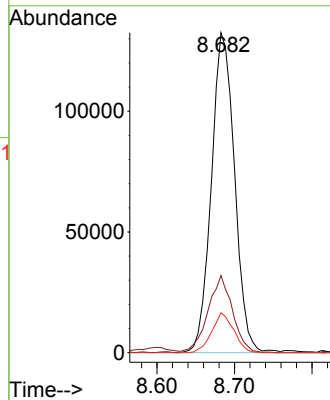
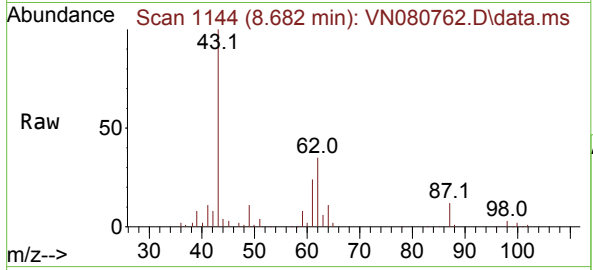




#43
Isopropyl Acetate
Concen: 49.837 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

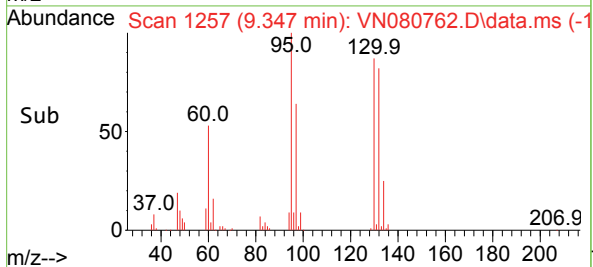
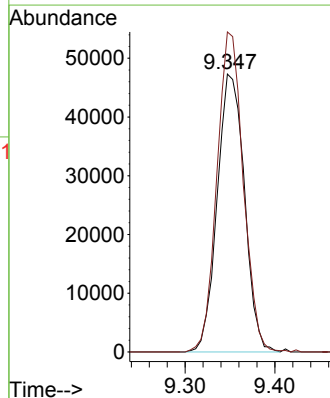
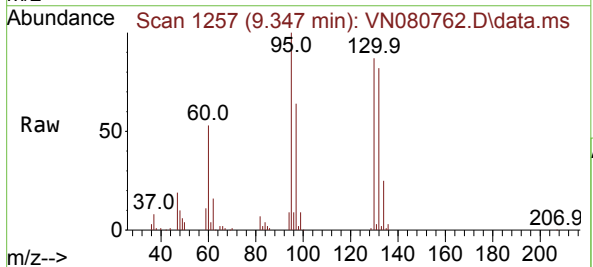
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

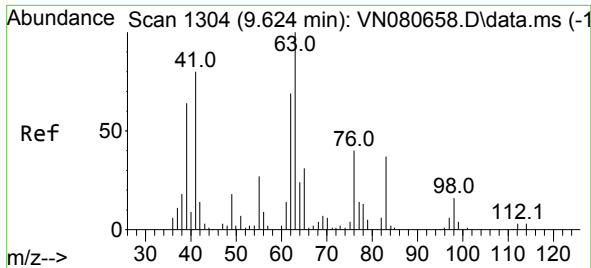
Tgt Ion: 43 Resp: 276050
Ion Ratio Lower Upper
43 100
61 25.5 24.7 37.1
87 11.8 14.6 21.8#



#44
Trichloroethene
Concen: 50.385 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion:130 Resp: 99647
Ion Ratio Lower Upper
130 100
95 115.2 0.0 204.6

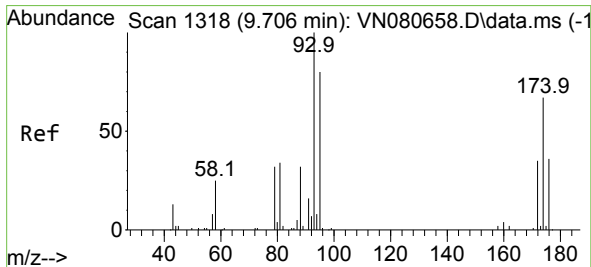
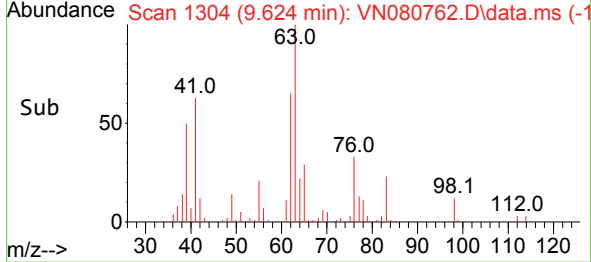
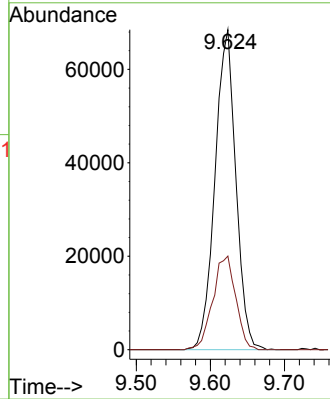
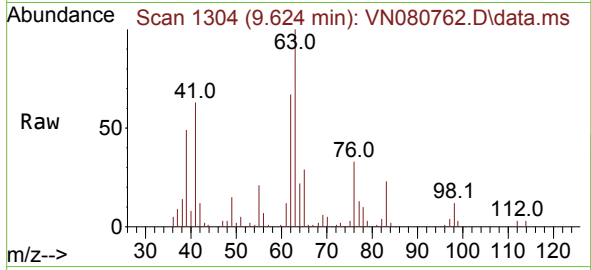




#45
1,2-Dichloropropane
Concen: 57.801 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

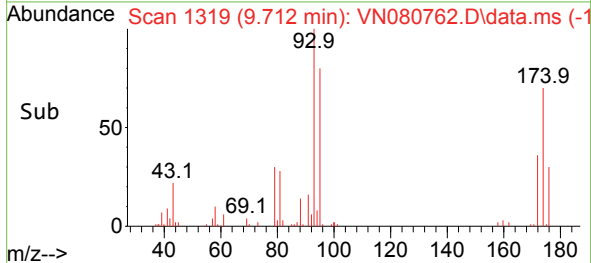
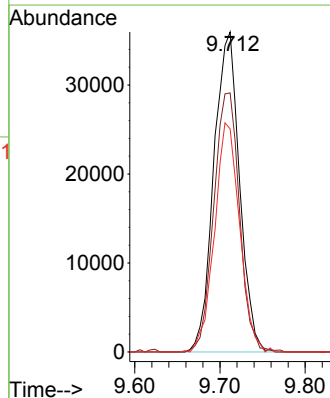
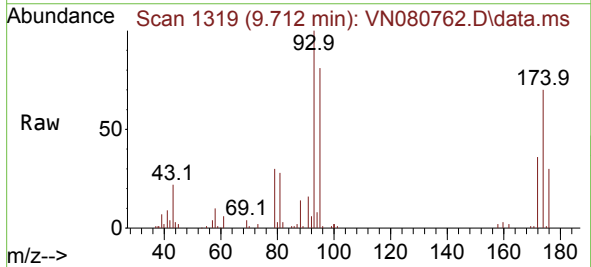
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

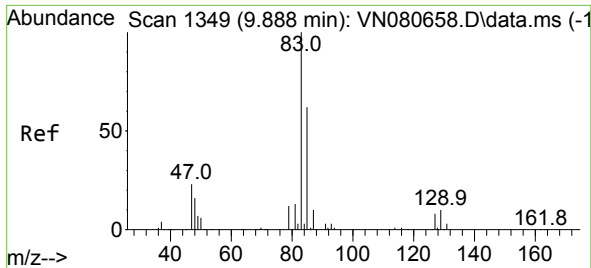
Tgt Ion: 63 Resp: 133872
Ion Ratio Lower Upper
63 100
65 29.3 23.9 35.9



#46
Dibromomethane
Concen: 51.445 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 93 Resp: 75385
Ion Ratio Lower Upper
93 100
95 81.0 63.8 95.8
174 70.1 65.6 98.4

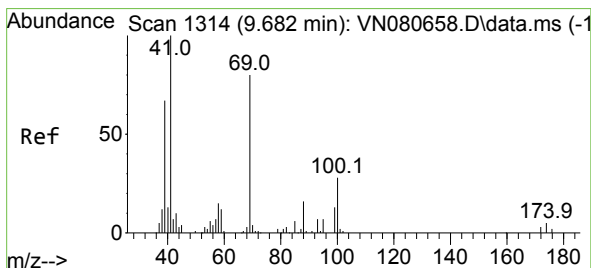
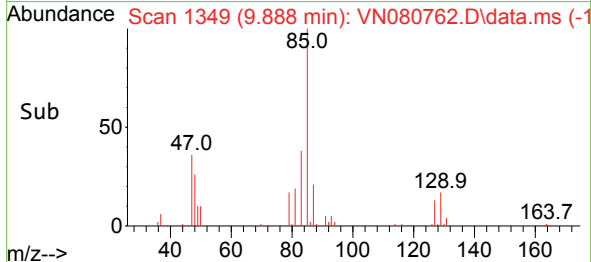
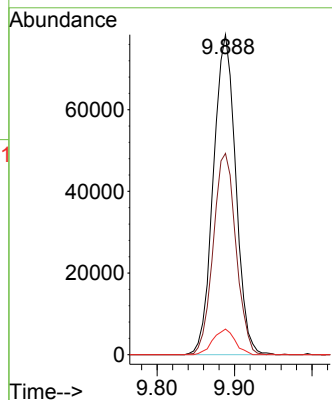
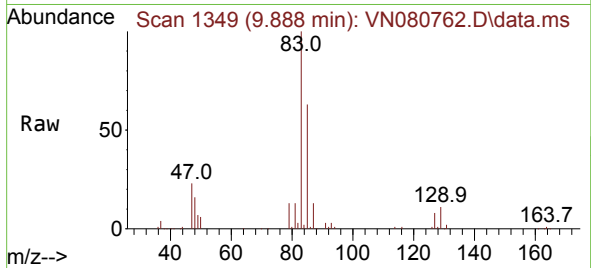




#47
Bromodichloromethane
Concen: 48.150 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

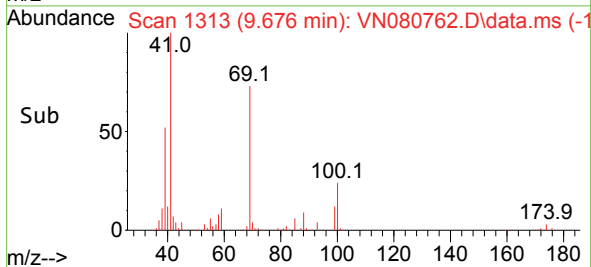
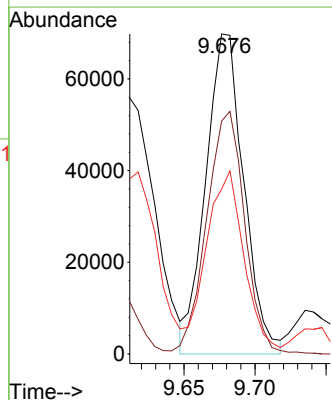
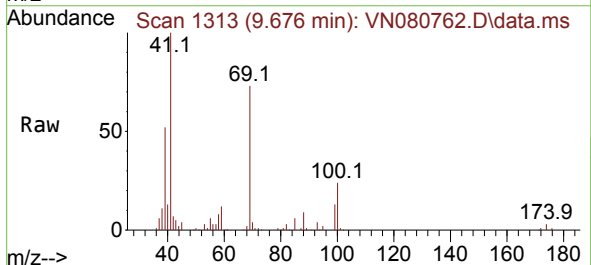
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

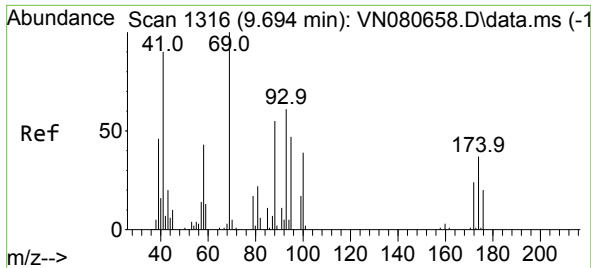
Tgt Ion: 83 Resp: 156602
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 49.564 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 41 Resp: 129980
Ion Ratio Lower Upper
41 100
69 75.9 90.4 135.6#
39 57.6 54.6 81.8

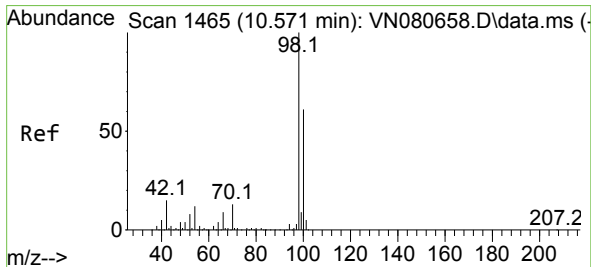
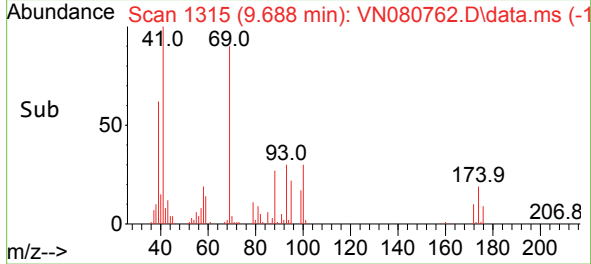
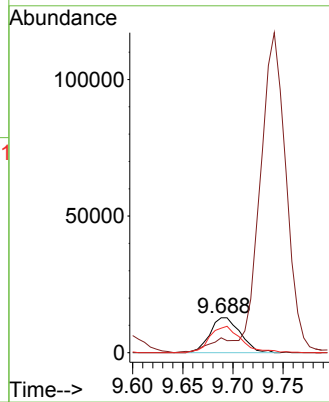
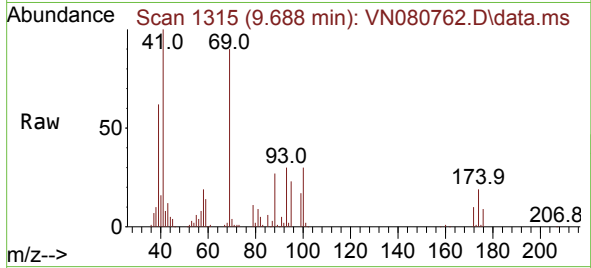




#49
1,4-Dioxane
Concen: 829.995 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

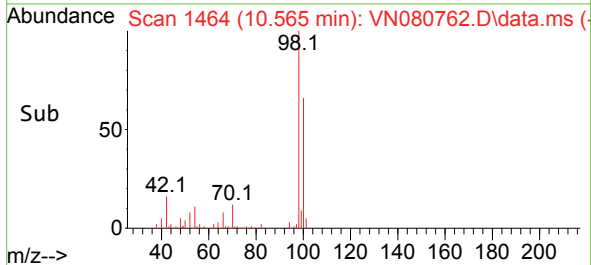
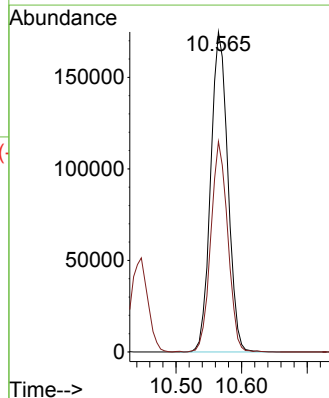
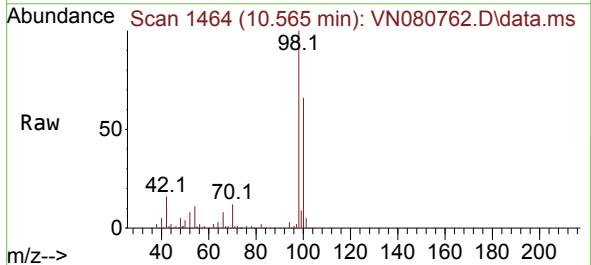
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

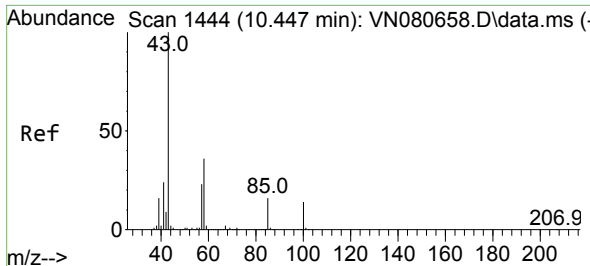
Tgt Ion: 88 Resp: 27121
Ion Ratio Lower Upper
88 100
43 28.1 17.0 25.6#
58 77.8 47.0 70.4#



#50
Toluene-d8
Concen: 55.031 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 98 Resp: 318331
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

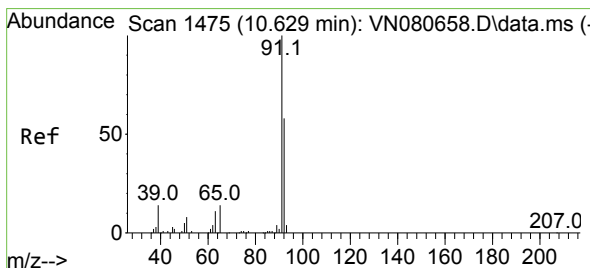
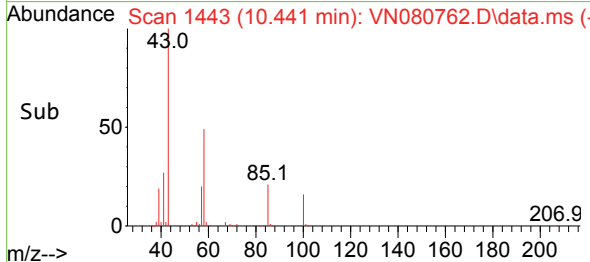
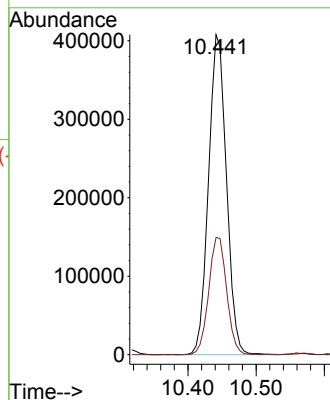
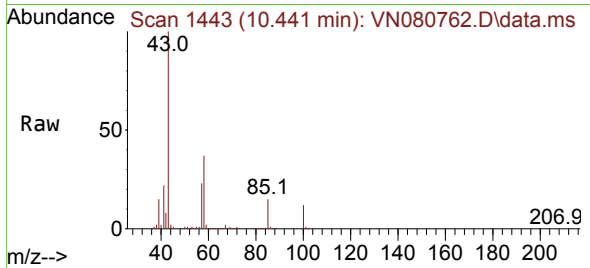




#51
4-Methyl-2-Pentanone
Concen: 249.555 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

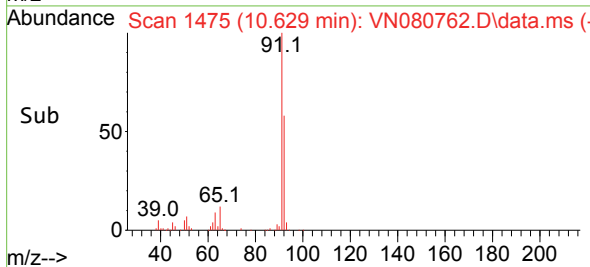
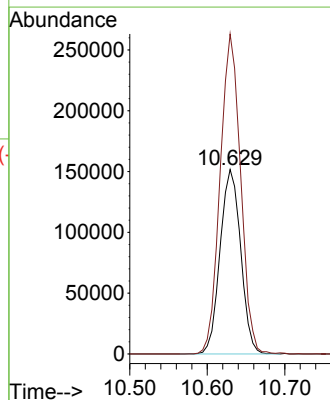
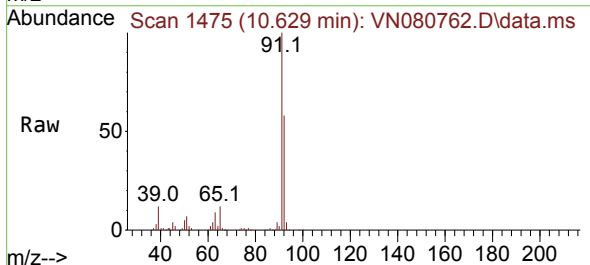
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

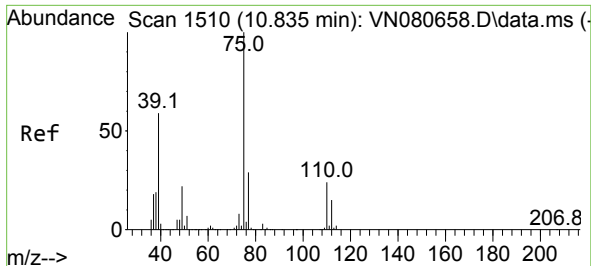
Tgt Ion: 43 Resp: 745733
Ion Ratio Lower Upper
43 100
58 36.8 36.6 54.8



#52
Toluene
Concen: 55.942 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 92 Resp: 280004
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0

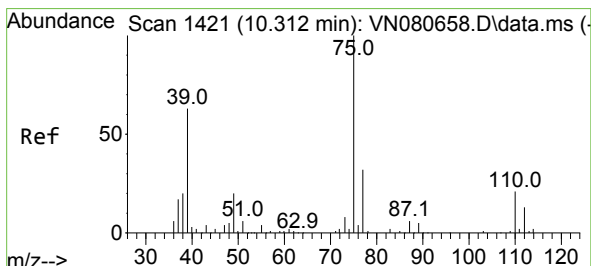
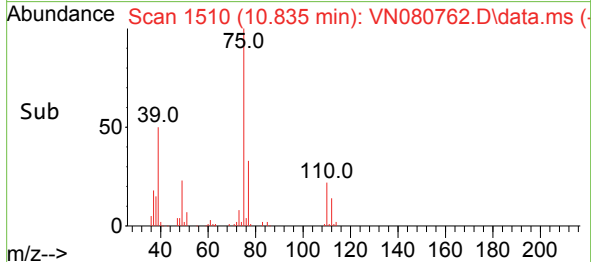
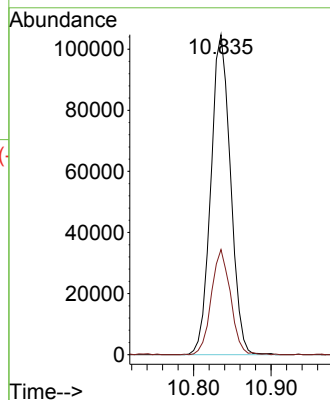
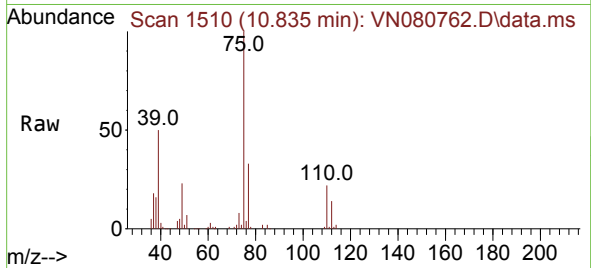




#53
 t-1,3-Dichloropropene
 Concen: 51.137 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

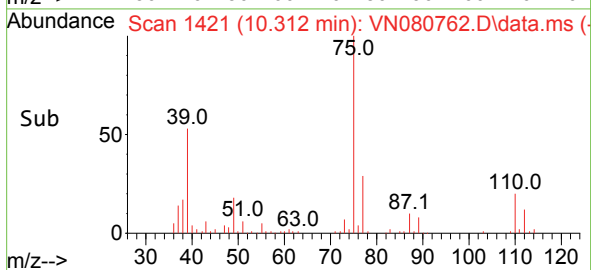
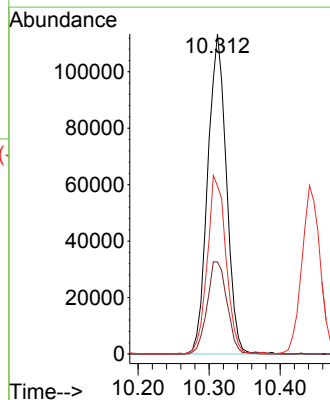
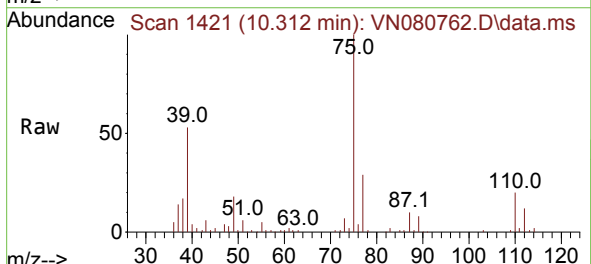
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

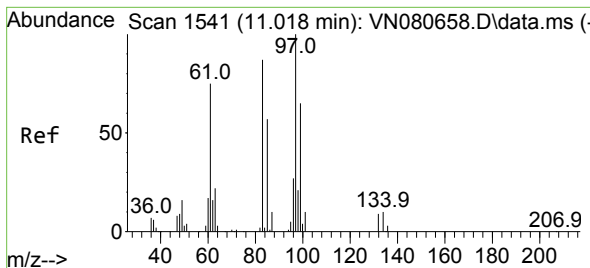
Tgt Ion: 75 Resp: 184603
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.992 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion: 75 Resp: 206696
 Ion Ratio Lower Upper
 75 100
 77 28.7 26.1 39.1
 39 52.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 54.717 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 105416

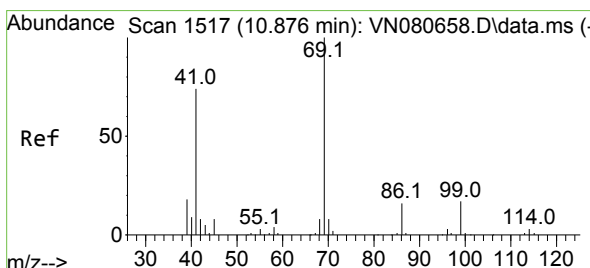
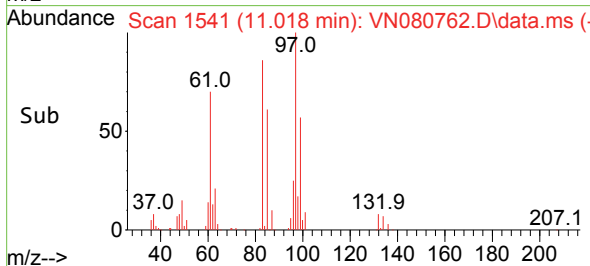
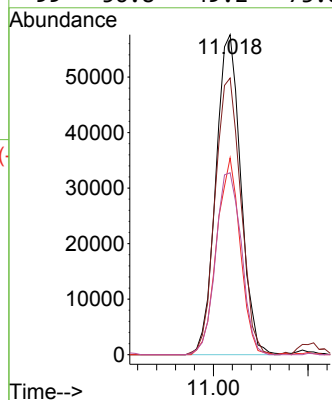
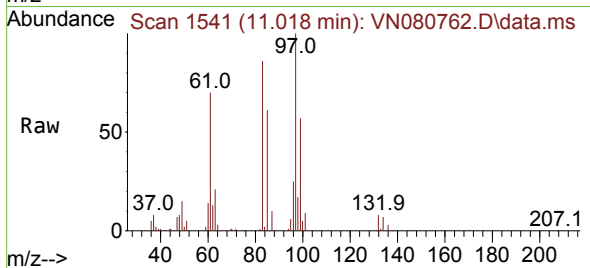
Ion Ratio Lower Upper

97 100

83 86.5 65.1 97.7

85 61.5 43.4 65.2

99 56.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 50.300 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

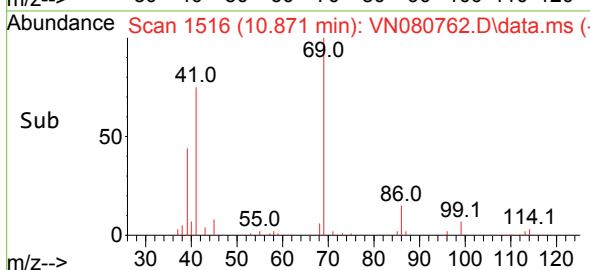
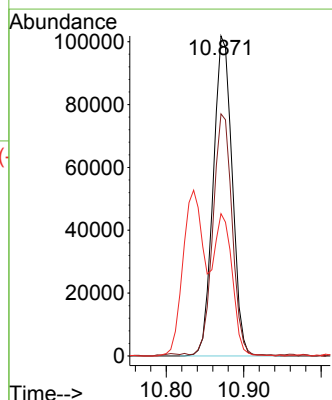
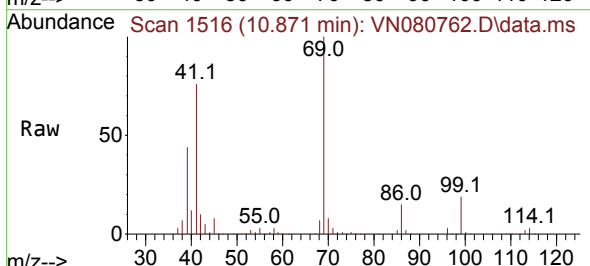
Tgt Ion: 69 Resp: 173567

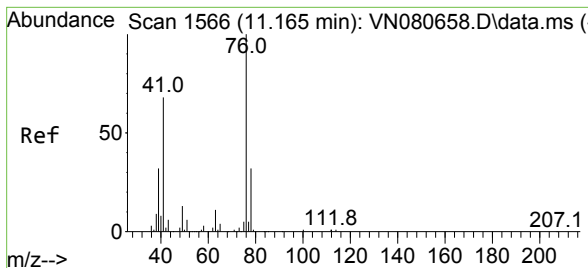
Ion Ratio Lower Upper

69 100

41 75.7 39.6 59.4#

39 44.1 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 56.369 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

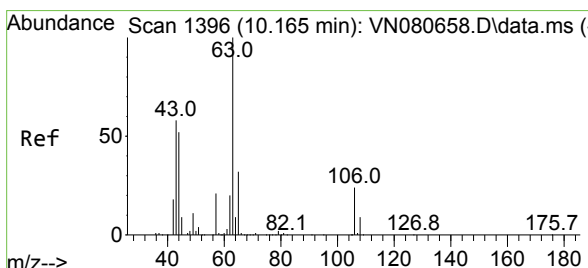
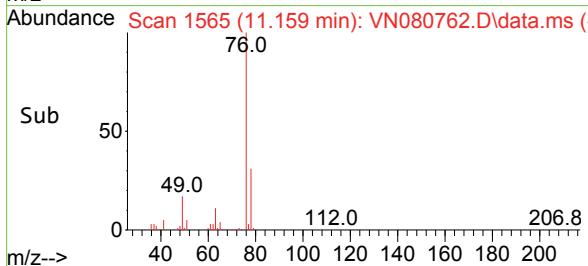
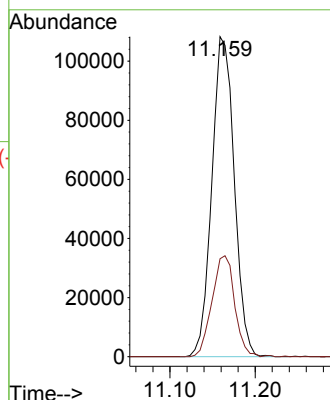
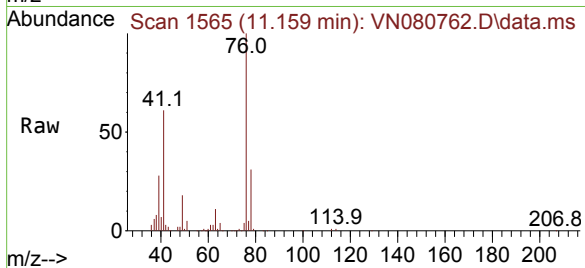
VSTDCCC050EC

Tgt Ion: 76 Resp: 198258

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 276.471 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080762.D

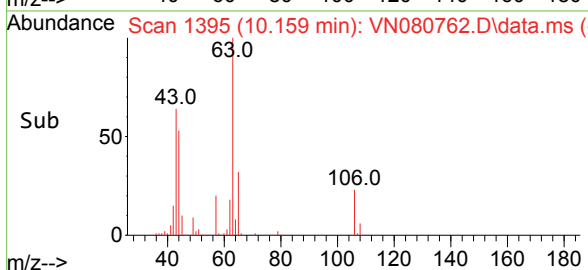
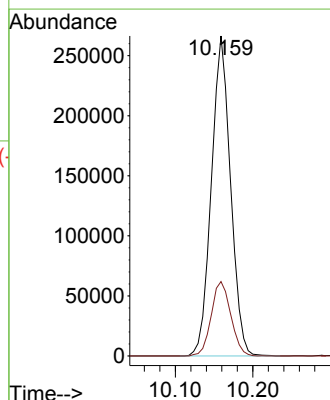
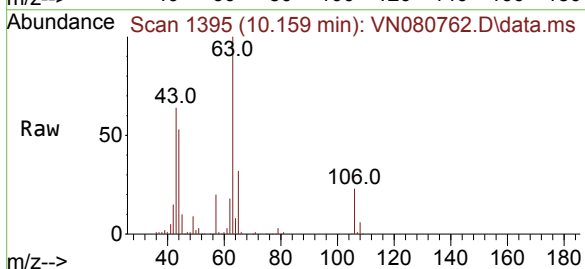
Acq: 23 Jan 2024 16:46

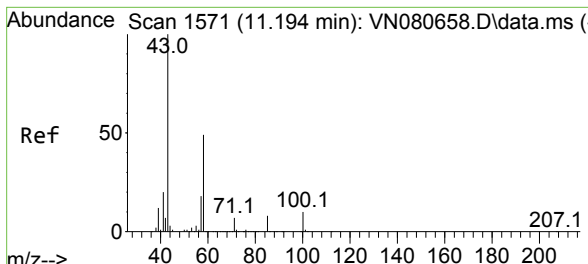
Tgt Ion: 63 Resp: 456945

Ion Ratio Lower Upper

63 100

106 23.8 26.2 39.4#

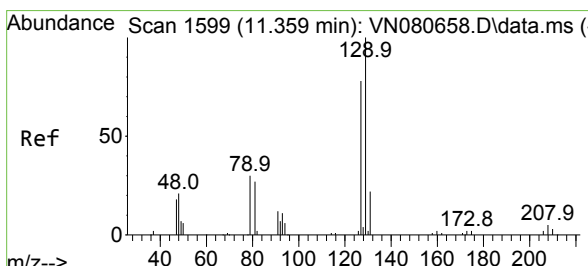
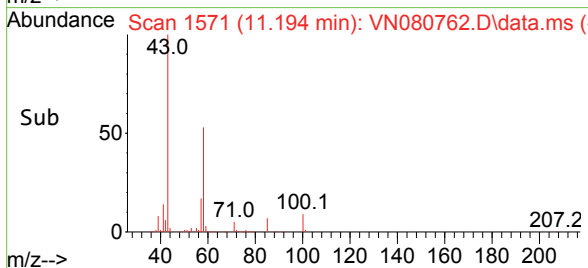
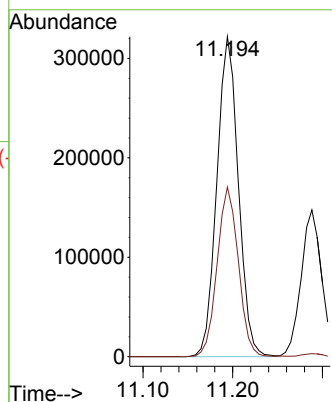
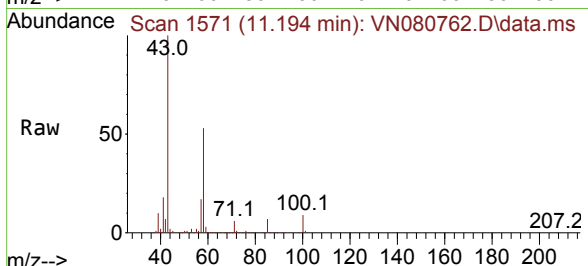




#59
 2-Hexanone
 Concen: 242.702 ug/l
 RT: 11.194 min Scan# 1571
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

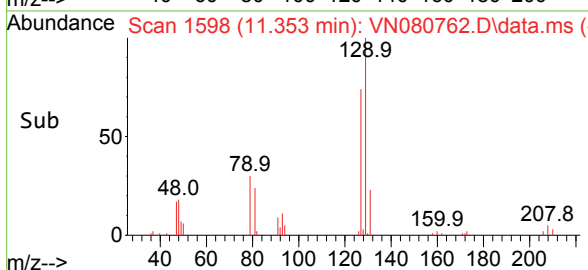
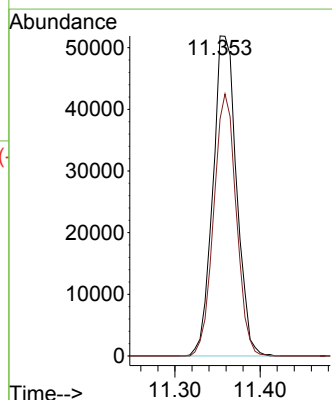
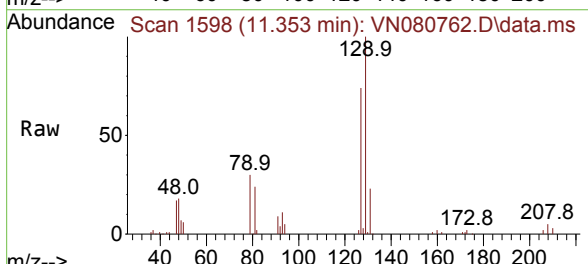
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

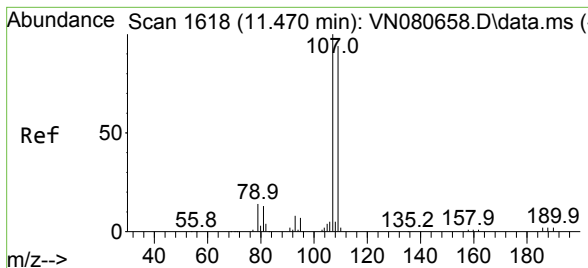
Tgt Ion: 43 Resp: 535394
 Ion Ratio Lower Upper
 43 100
 58 52.2 31.7 95.1



#60
 Dibromochloromethane
 Concen: 50.653 ug/l
 RT: 11.353 min Scan# 1598
 Delta R.T. -0.006 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion: 129 Resp: 100292
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.6 116.0

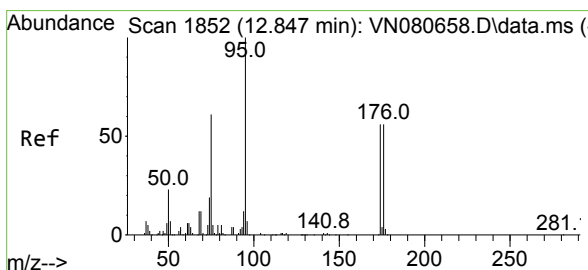
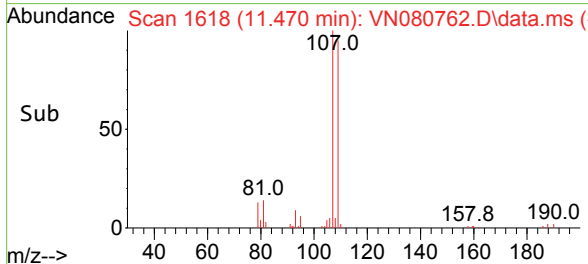
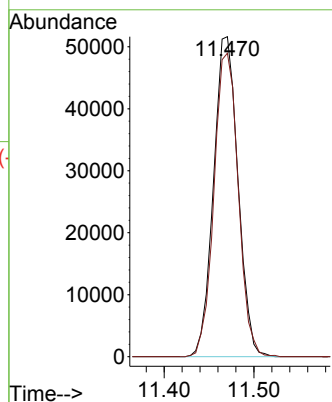
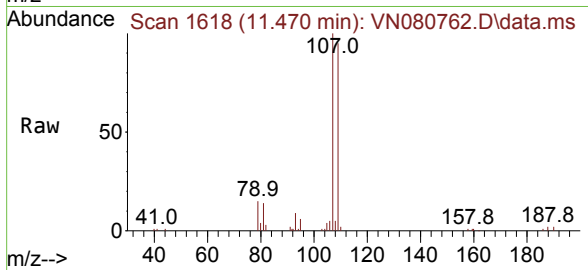




#61
1,2-Dibromoethane
Concen: 51.511 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

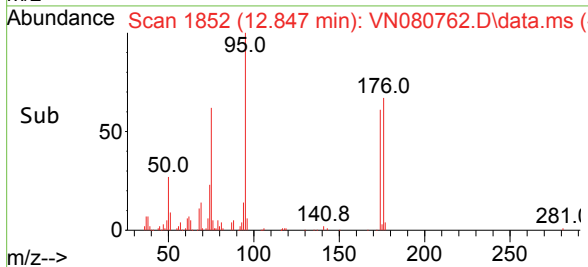
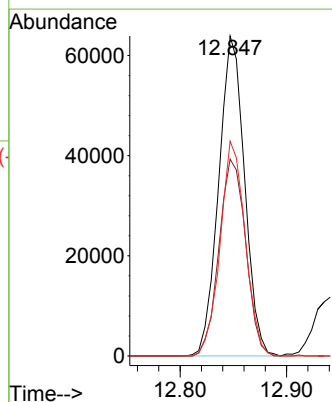
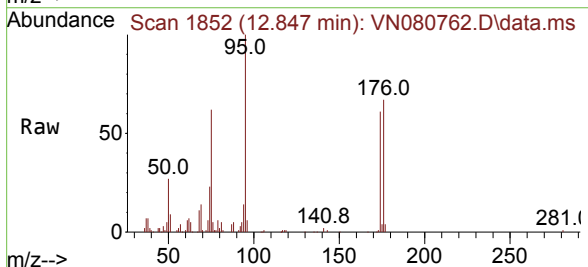
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

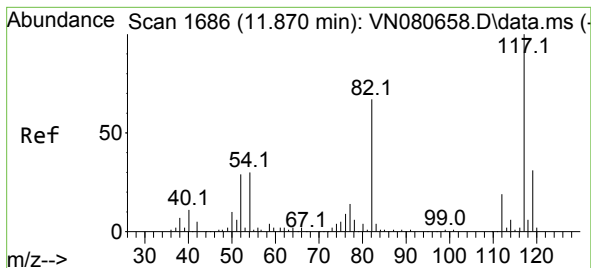
Tgt Ion:107 Resp: 97554
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 95 Resp: 107643
Ion Ratio Lower Upper
95 100
174 63.4 0.0 143.8
176 65.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

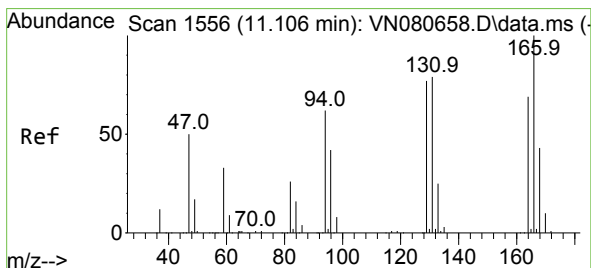
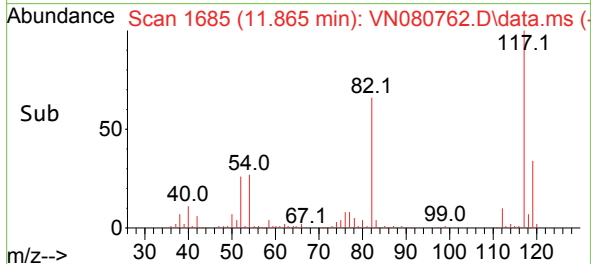
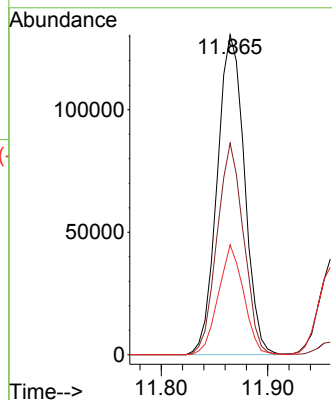
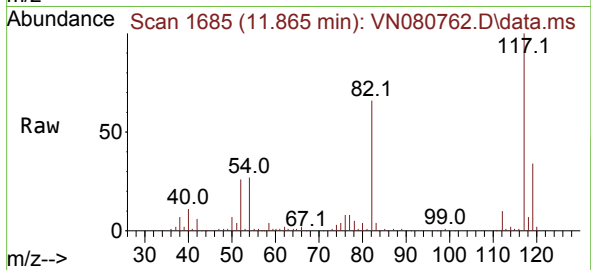
Tgt Ion:117 Resp: 232118

Ion Ratio Lower Upper

117 100

82 66.1 44.0 66.0#

119 34.4 25.6 38.4



#64

Tetrachloroethene

Concen: 50.438 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Tgt Ion:164 Resp: 80401

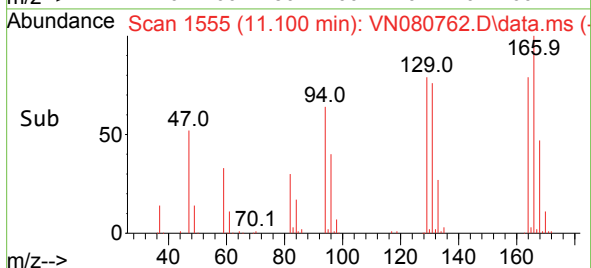
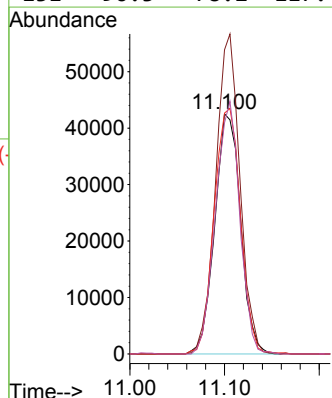
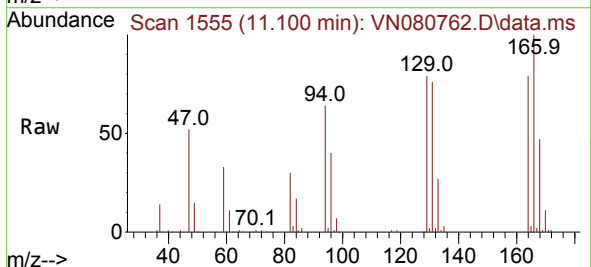
Ion Ratio Lower Upper

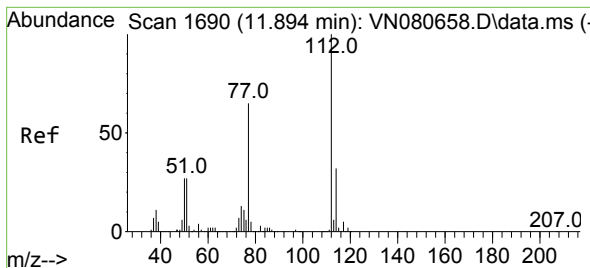
164 100

166 126.6 101.4 152.0

129 100.2 82.4 123.6

131 96.3 78.2 117.4





#65

Chlorobenzene

Concen: 53.125 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

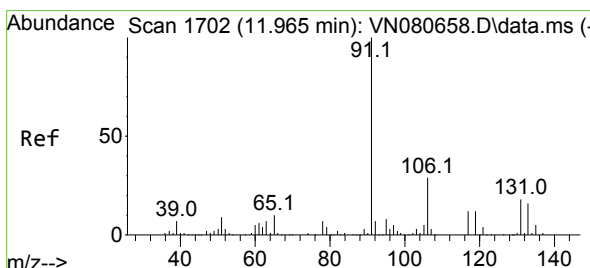
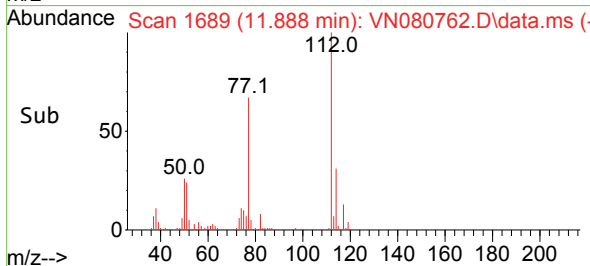
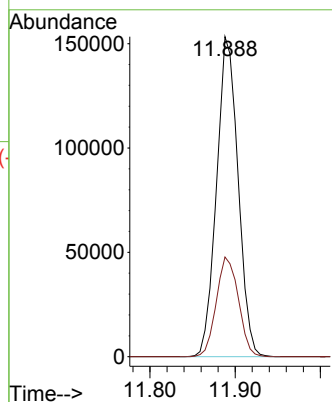
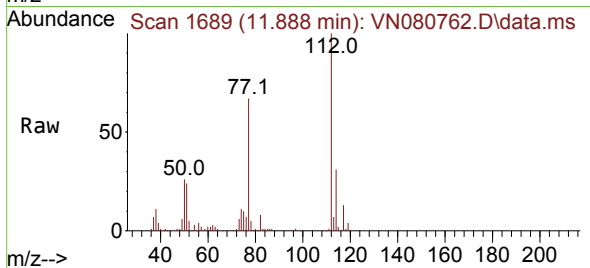
VSTDCCC050EC

Tgt Ion:112 Resp: 269412

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.669 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

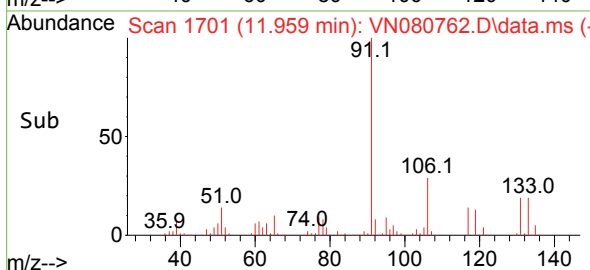
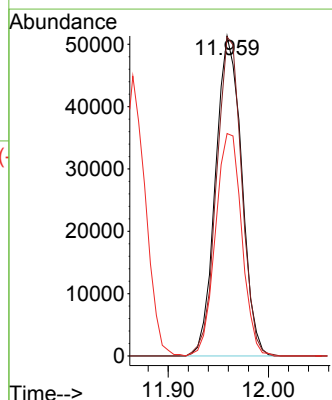
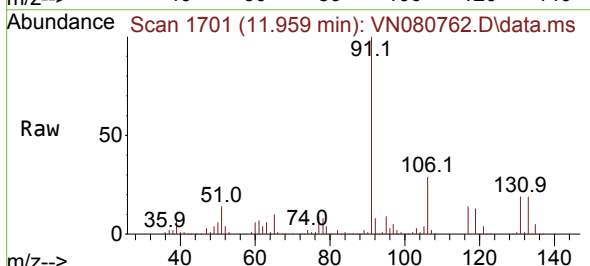
Tgt Ion:131 Resp: 93032

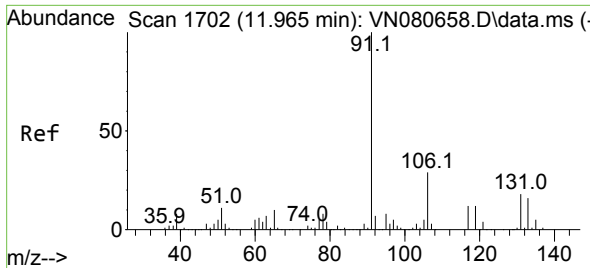
Ion Ratio Lower Upper

131 100

133 95.9 46.4 139.1

119 69.8 34.1 102.2

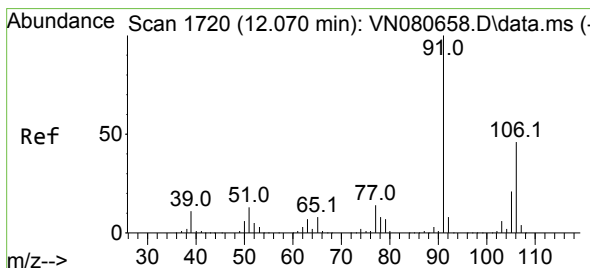
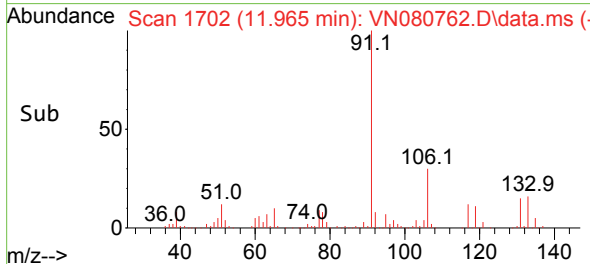
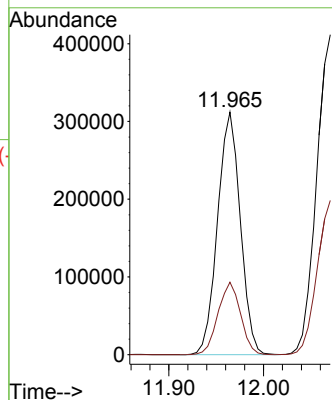
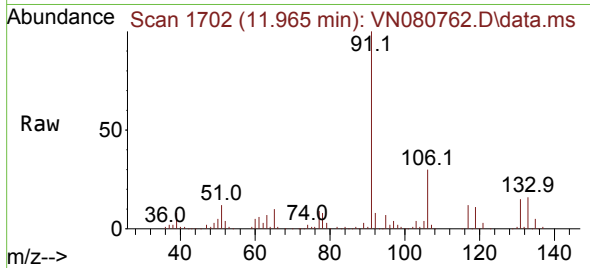




#67
Ethyl Benzene
Concen: 53.816 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

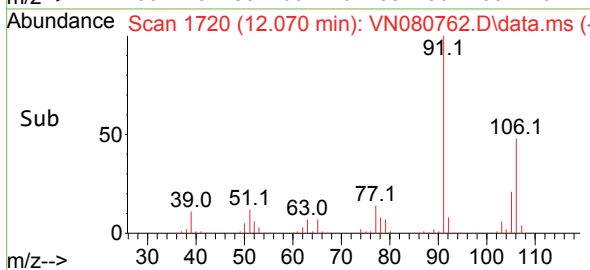
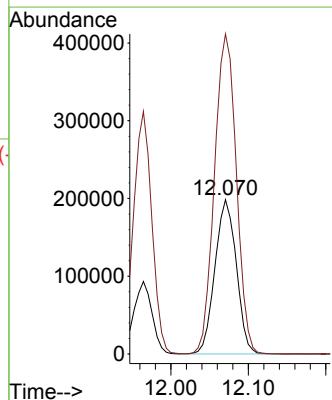
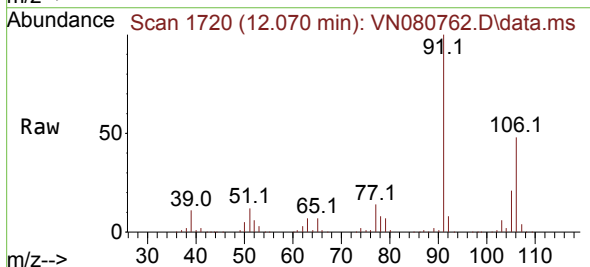
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

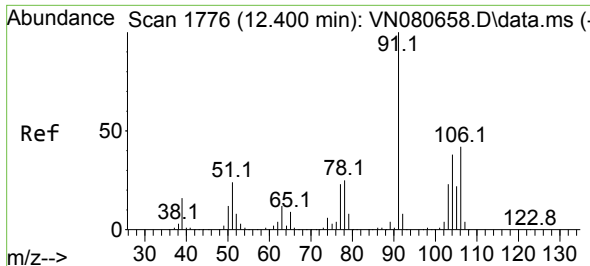
Tgt Ion: 91 Resp: 521140
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 111.883 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 106 Resp: 380902
Ion Ratio Lower Upper
106 100
91 212.2 159.6 239.4

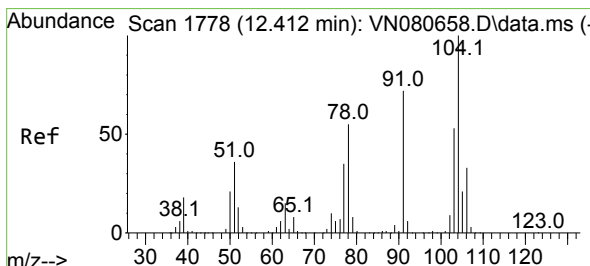
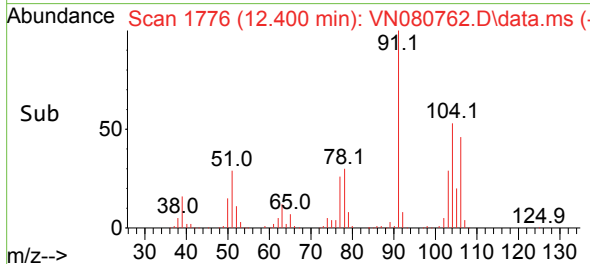
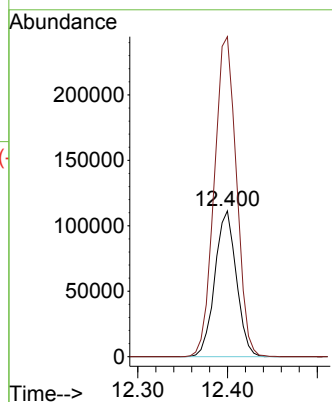
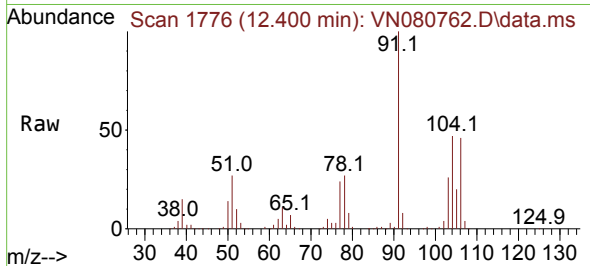




#69
o-Xylene
Concen: 55.605 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

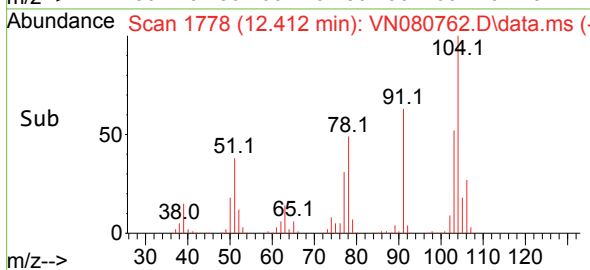
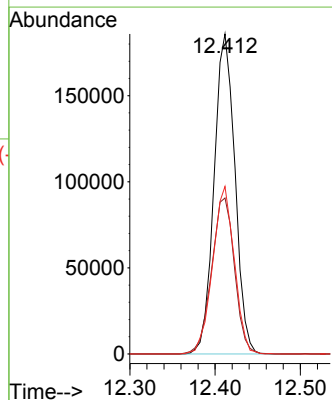
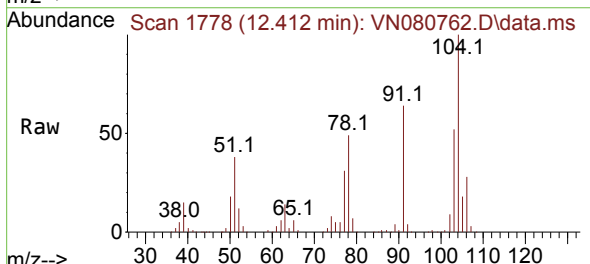
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

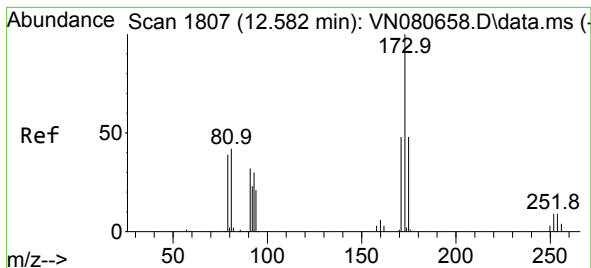
Tgt Ion:106 Resp: 185095
Ion Ratio Lower Upper
106 100
91 226.8 105.2 315.5



#70
Styrene
Concen: 55.914 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion:104 Resp: 316057
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 54.4 43.2 64.8





#71

Bromoform

Concen: 47.122 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

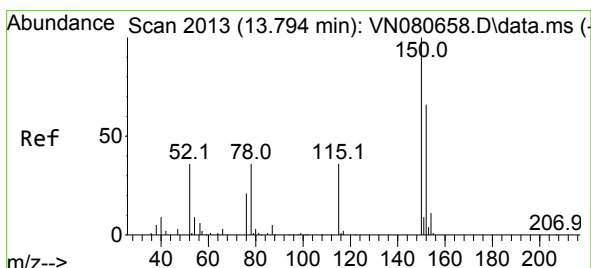
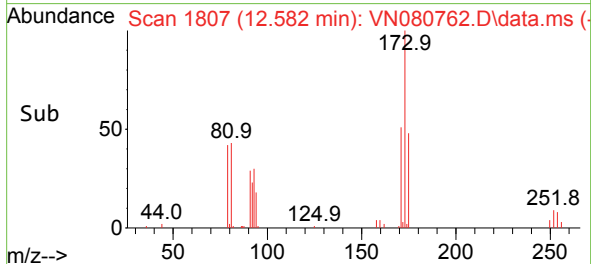
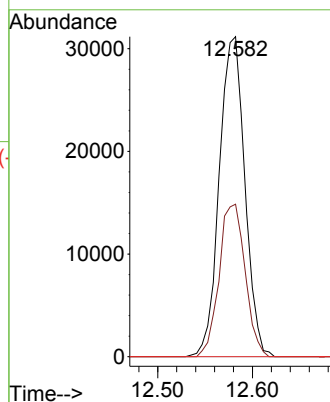
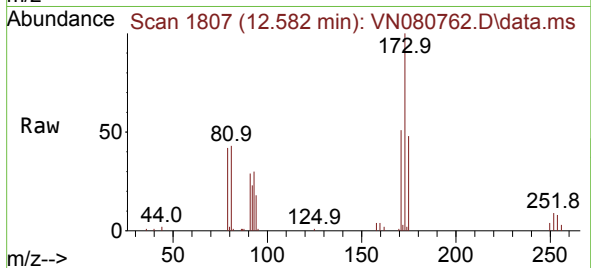
Tgt Ion:173 Resp: 58371

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

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: VN080762.D

Acq: 23 Jan 2024 16:46

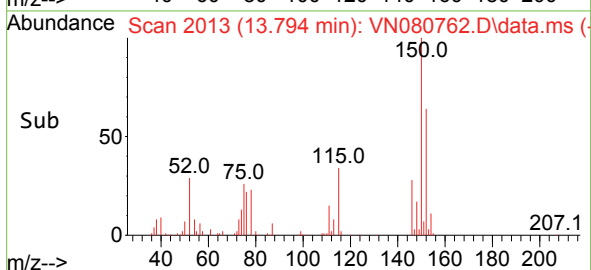
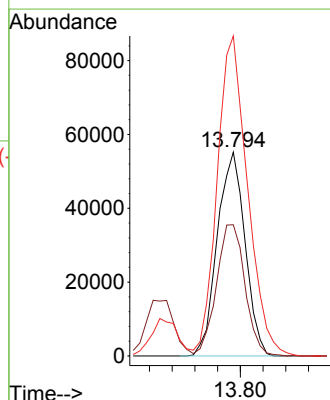
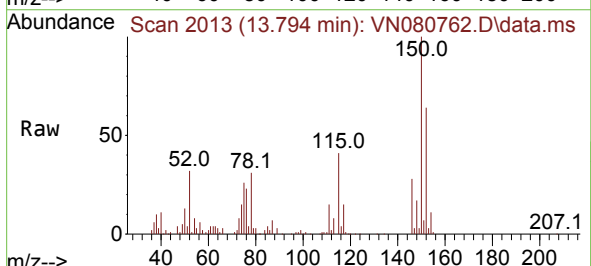
Tgt Ion:152 Resp: 93365

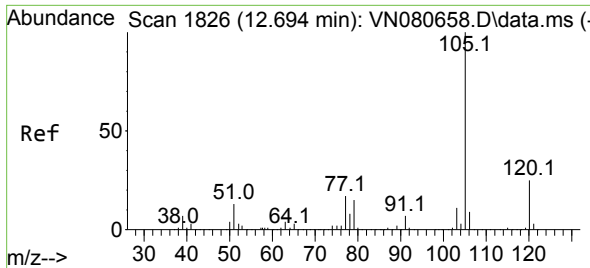
Ion Ratio Lower Upper

152 100

115 66.4 32.3 96.8

150 172.0 0.0 355.8

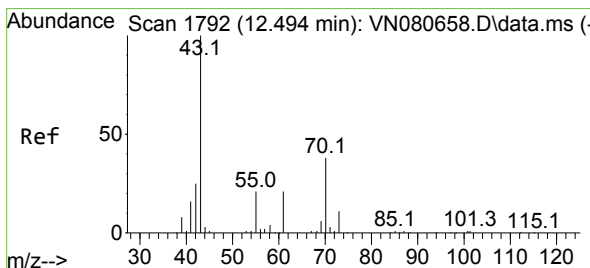
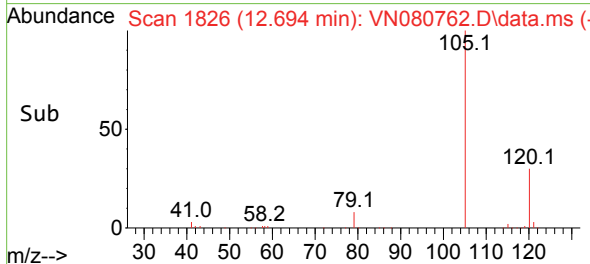
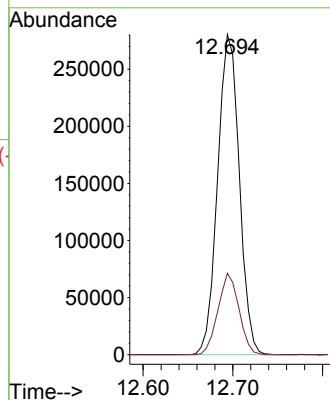
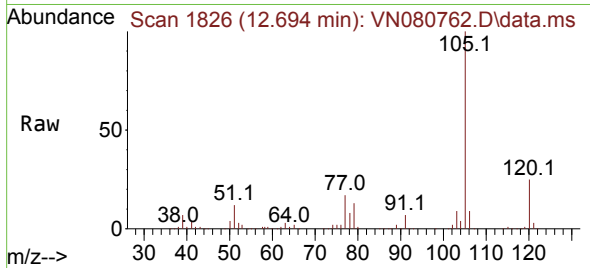




#73
Isopropylbenzene
Concen: 52.958 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

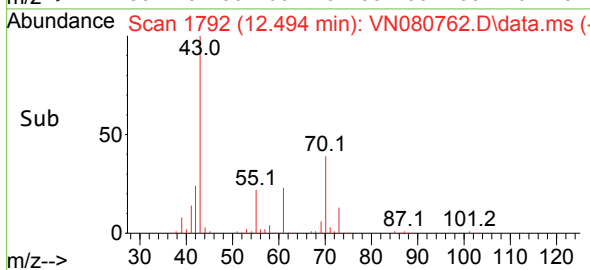
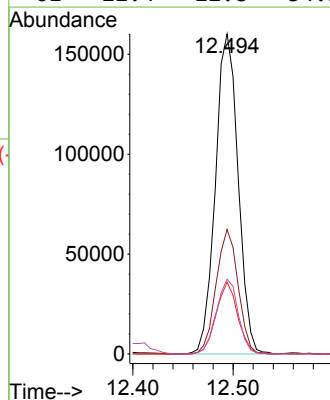
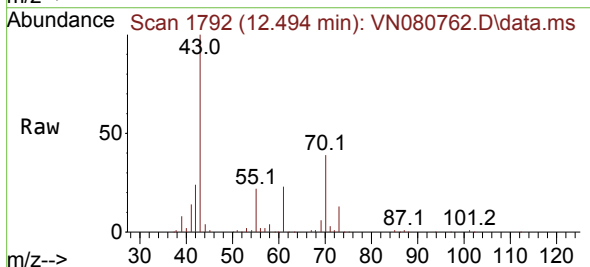
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

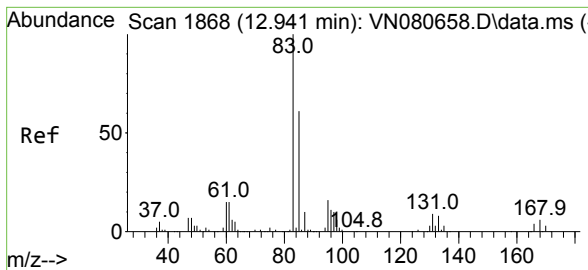
Tgt Ion:105 Resp: 470181
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.1



#74
N-ethyl acetate
Concen: 47.209 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 43 Resp: 251533
Ion Ratio Lower Upper
43 100
70 37.6 43.4 65.2#
55 21.6 21.4 32.0
61 22.4 22.8 34.2#

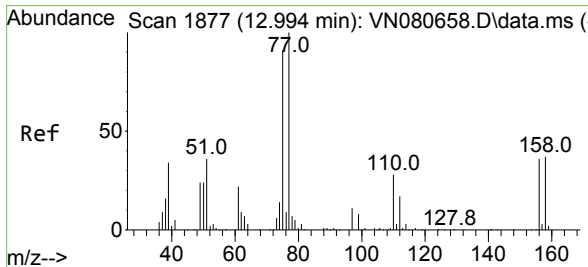
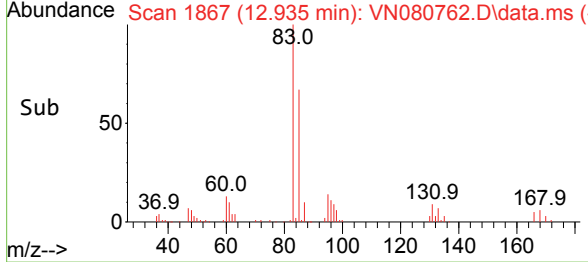
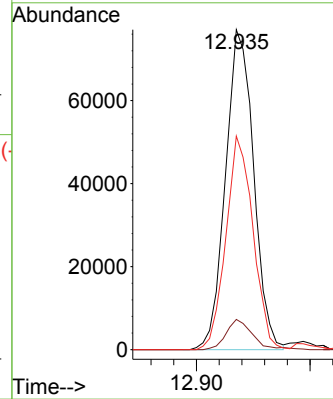
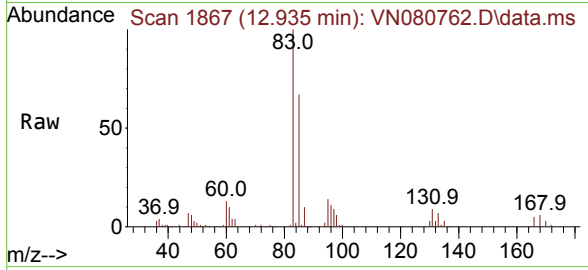




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.522 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

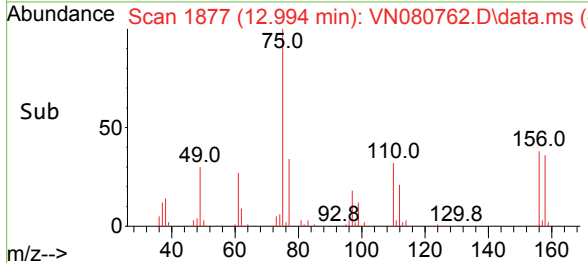
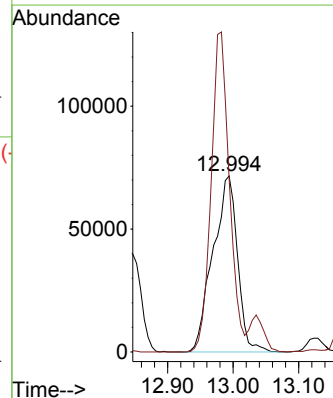
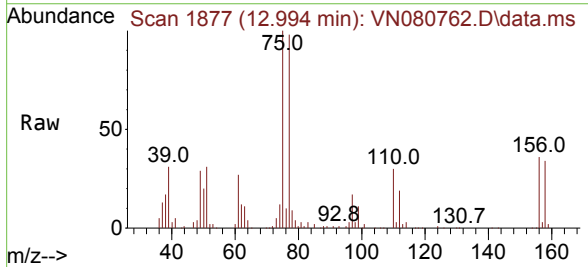
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

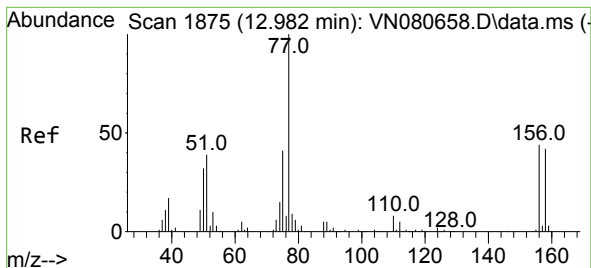
Tgt Ion: 83 Resp: 132576
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.0 15.0
 85 64.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 64.670 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion: 75 Resp: 186184
 Ion Ratio Lower Upper
 75 100
 77 135.4 84.5 253.5





#77

Bromobenzene

Concen: 48.853 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

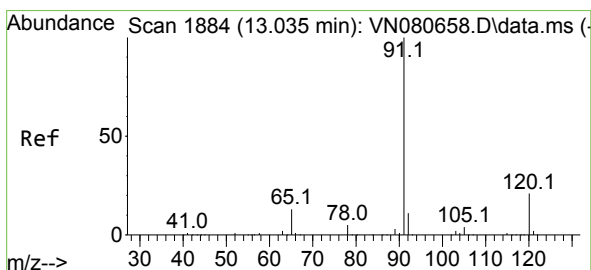
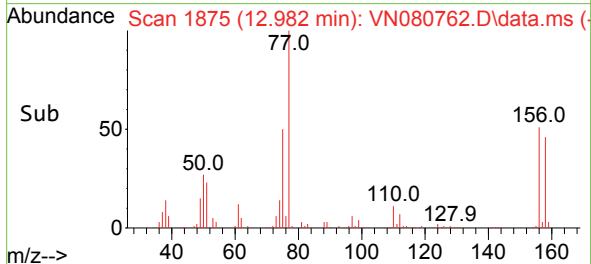
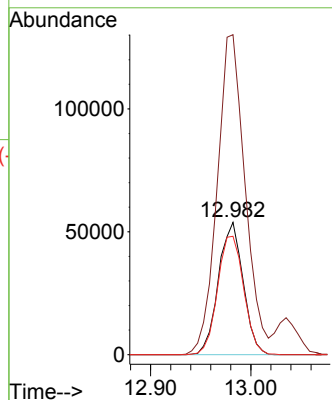
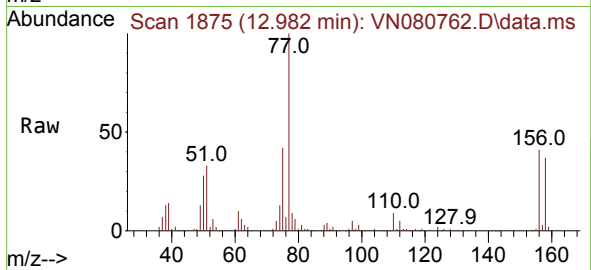
Tgt Ion:156 Resp: 92125

Ion Ratio Lower Upper

156 100

77 273.5 107.7 323.3

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 53.150 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080762.D

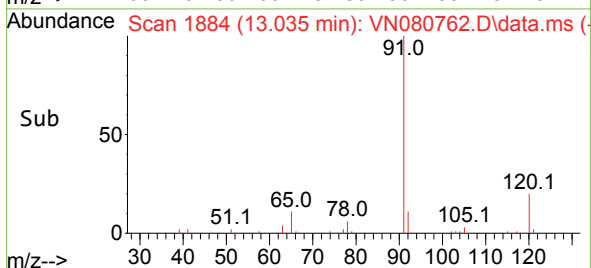
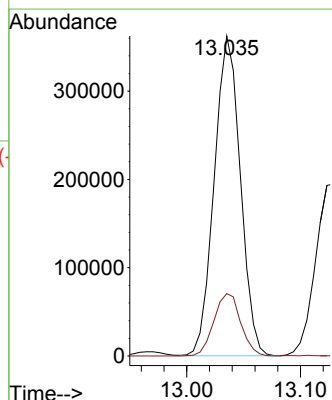
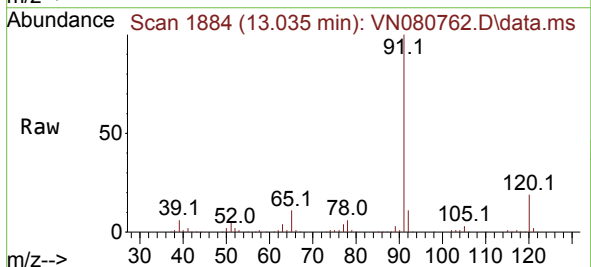
Acq: 23 Jan 2024 16:46

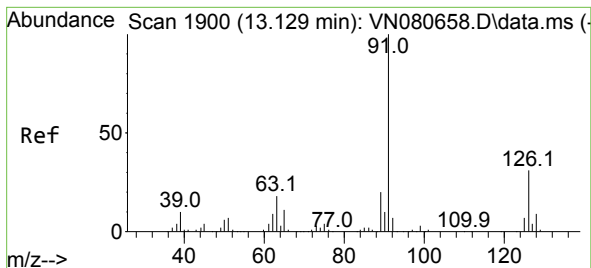
Tgt Ion: 91 Resp: 578862

Ion Ratio Lower Upper

91 100

120 20.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.735 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

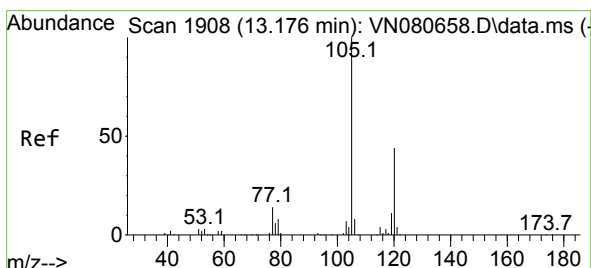
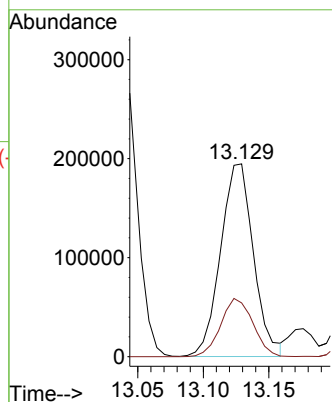
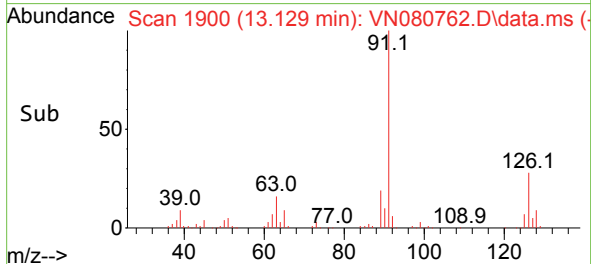
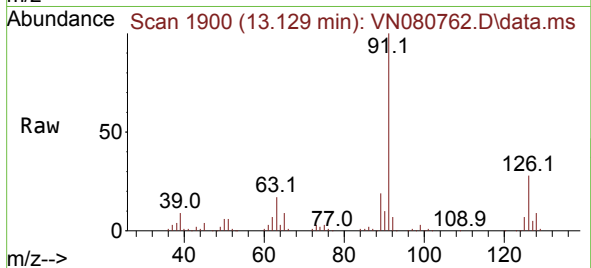
VSTDCCC050EC

Tgt Ion: 91 Resp: 340160

Ion Ratio Lower Upper

91 100

126 29.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.356 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080762.D

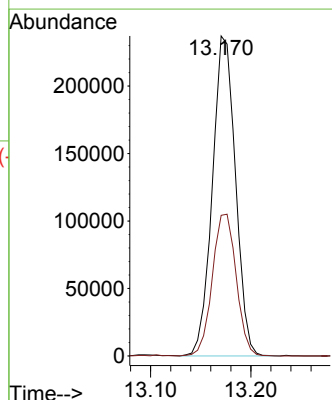
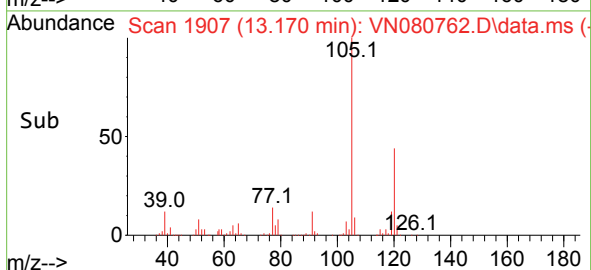
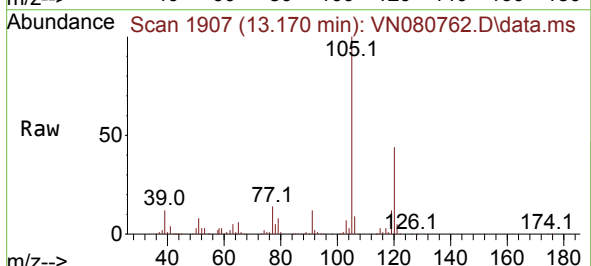
Acq: 23 Jan 2024 16:46

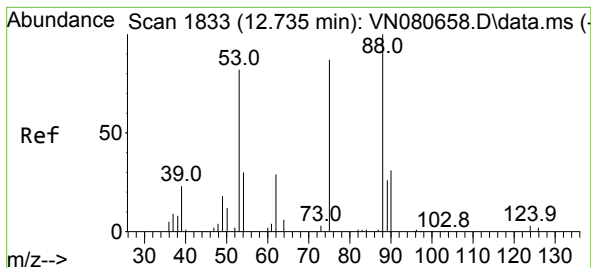
Tgt Ion: 105 Resp: 379992

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3

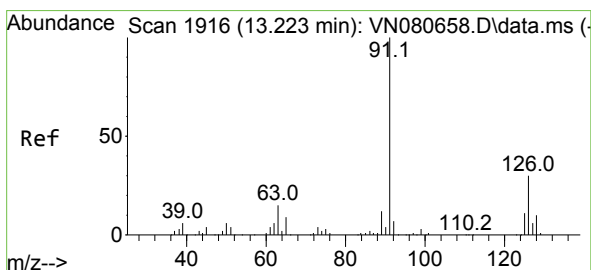
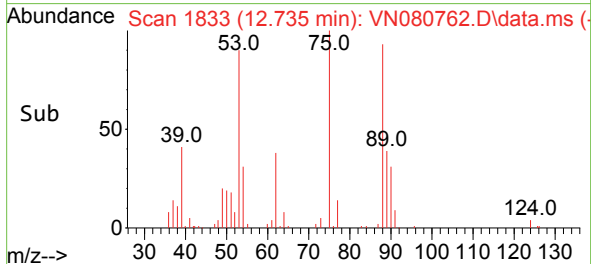
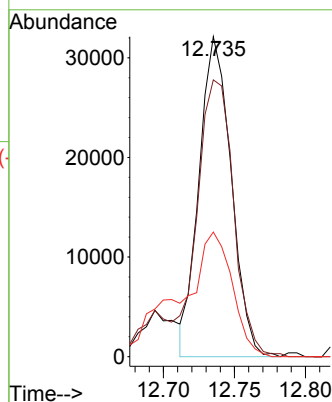
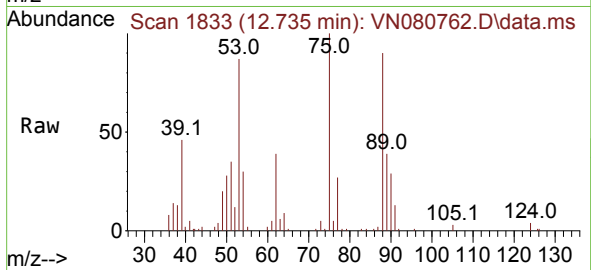




#81
trans-1,4-Dichloro-2-butene
Concen: 41.322 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

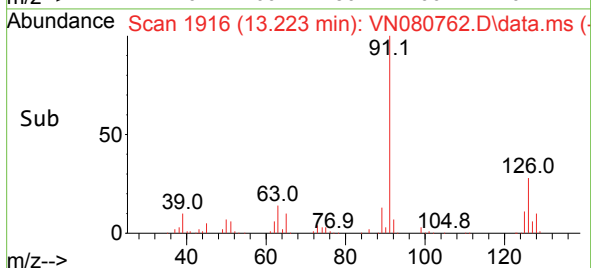
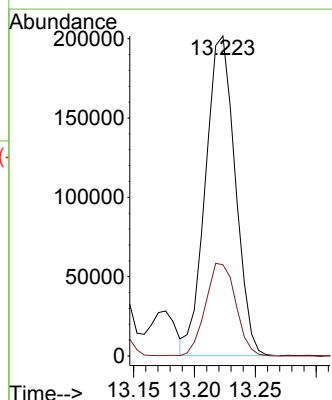
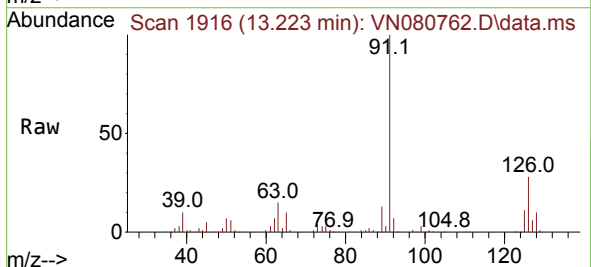
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

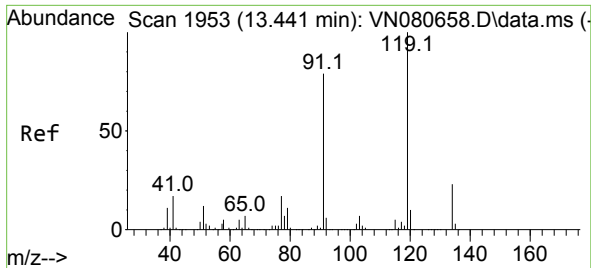
Tgt Ion: 75 Resp: 50464
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.2
89 64.6 38.8 58.2#



#82
4-Chlorotoluene
Concen: 50.117 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 91 Resp: 342930
Ion Ratio Lower Upper
91 100
126 29.5 16.7 50.0

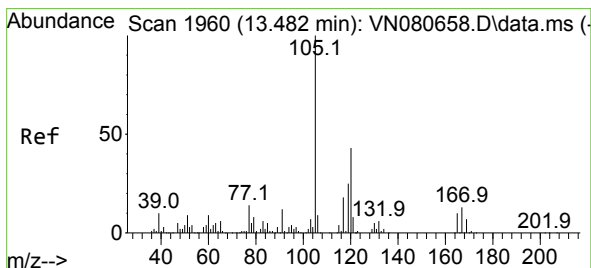
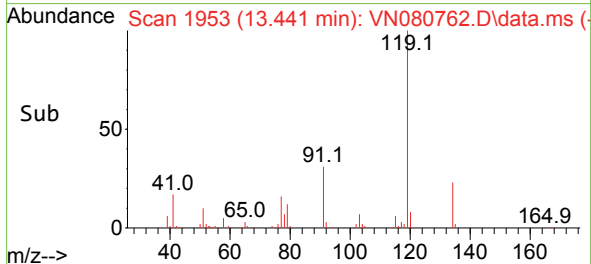
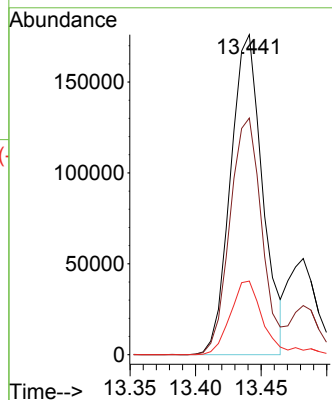
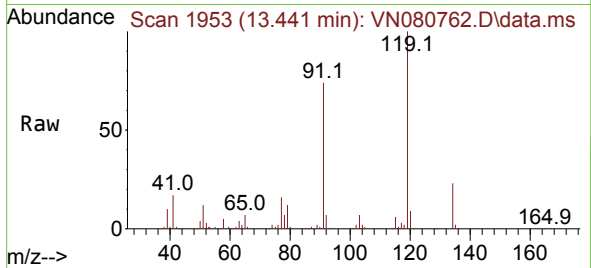




#83
 tert-Butylbenzene
 Concen: 50.662 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

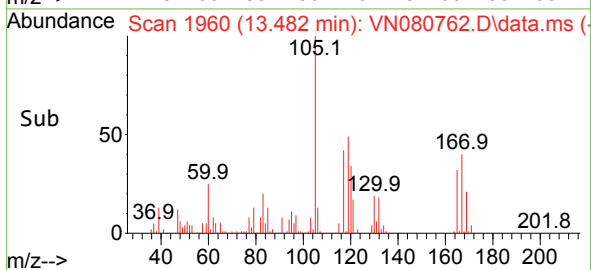
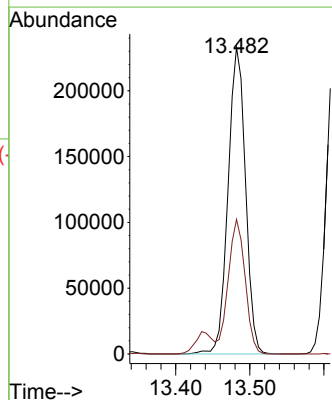
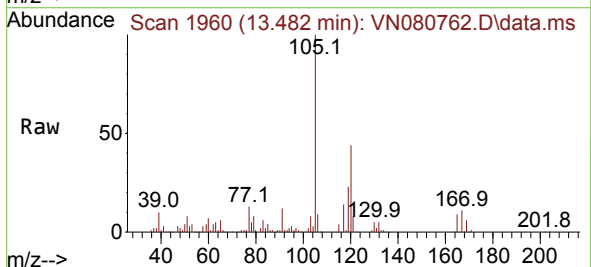
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

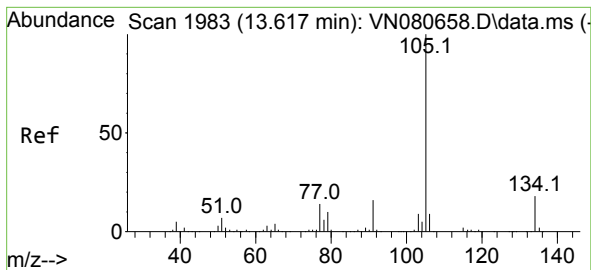
Tgt Ion:119 Resp: 299671
 Ion Ratio Lower Upper
 119 100
 91 73.4 33.9 101.7
 134 24.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.216 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion:105 Resp: 379909
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.176 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

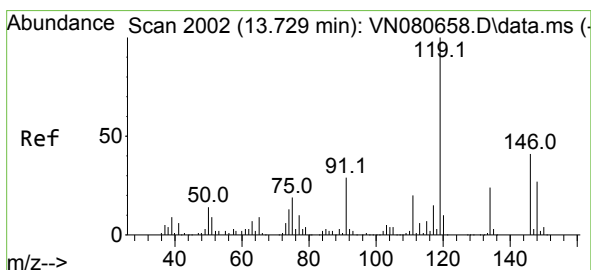
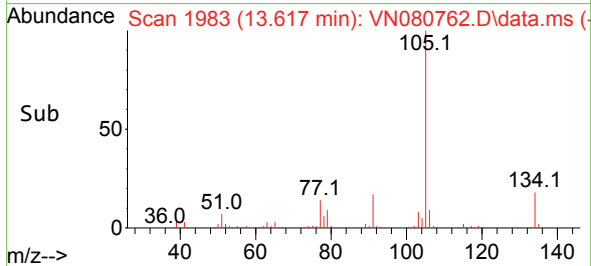
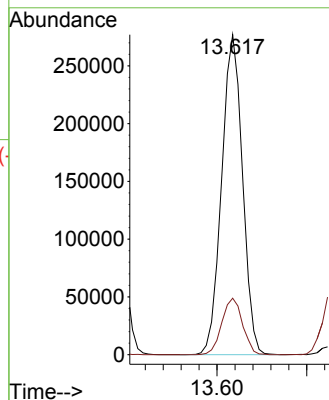
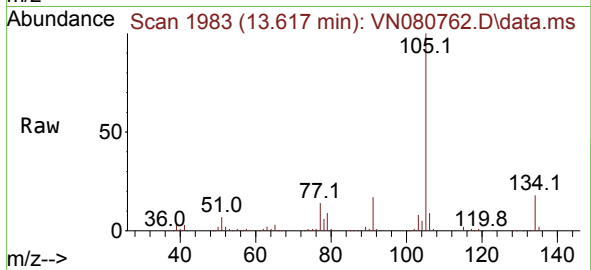
VSTDCCC050EC

Tgt Ion:105 Resp: 446920

Ion Ratio Lower Upper

105 100

134 17.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.920 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

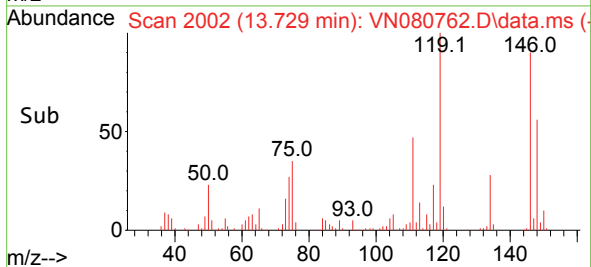
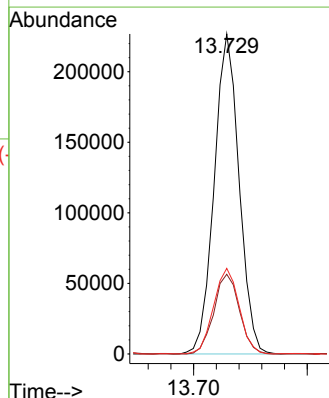
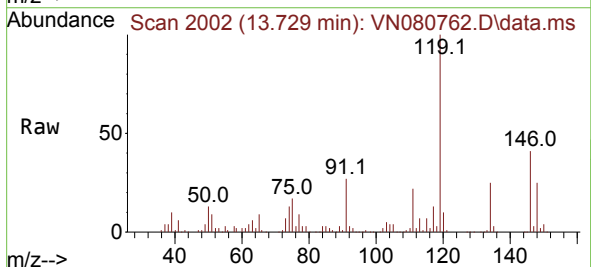
Tgt Ion:119 Resp: 344628

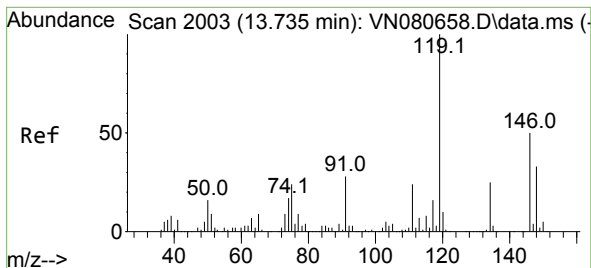
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 27.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.681 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

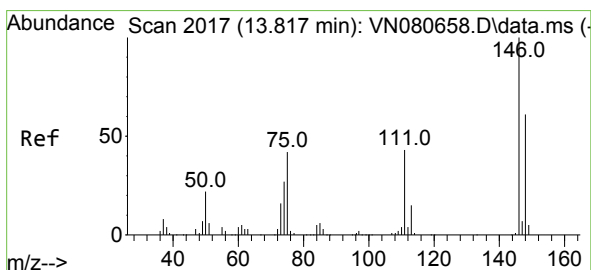
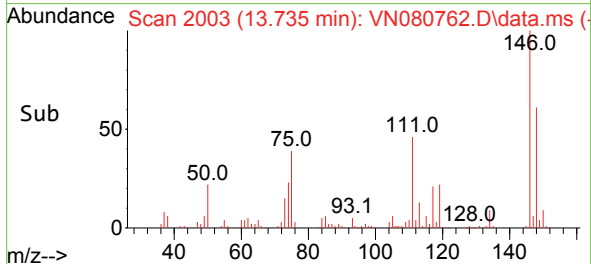
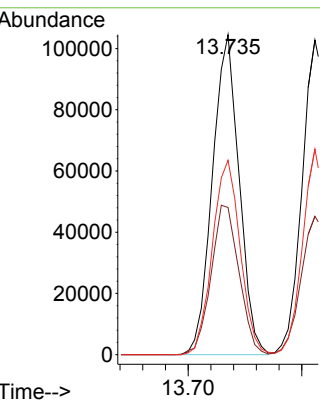
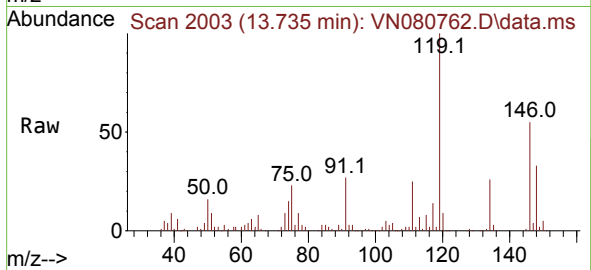
Tgt Ion:146 Resp: 170703

Ion Ratio Lower Upper

146 100

111 48.8 22.1 66.3

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.262 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

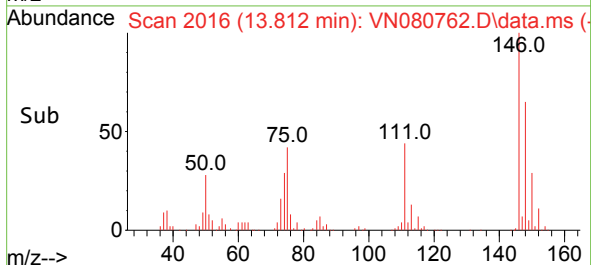
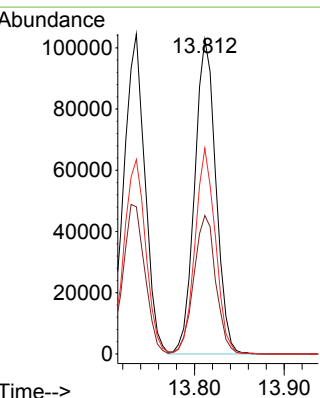
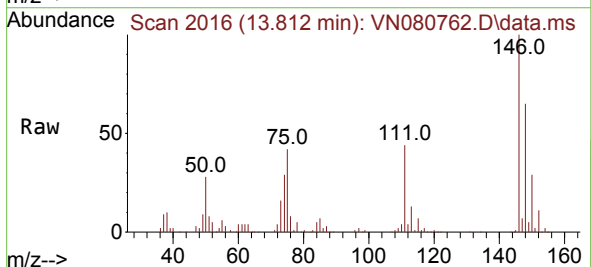
Tgt Ion:146 Resp: 169032

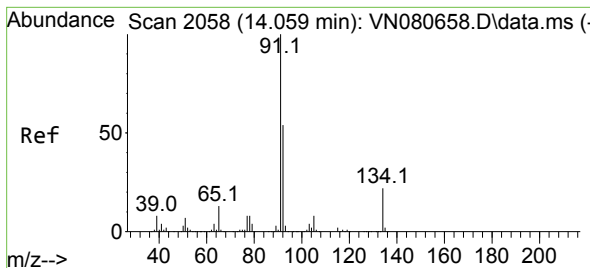
Ion Ratio Lower Upper

146 100

111 45.6 20.6 61.8

148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 54.834 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080762.D

Acq: 23 Jan 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

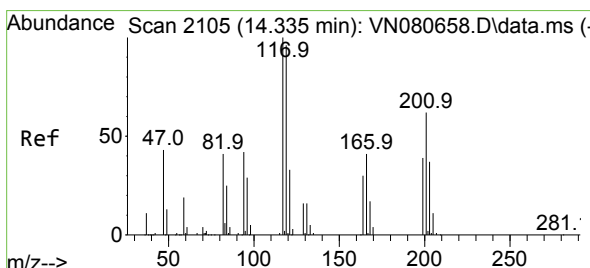
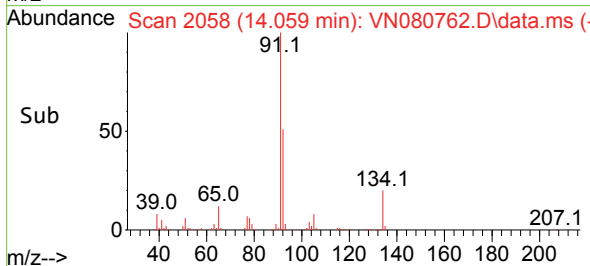
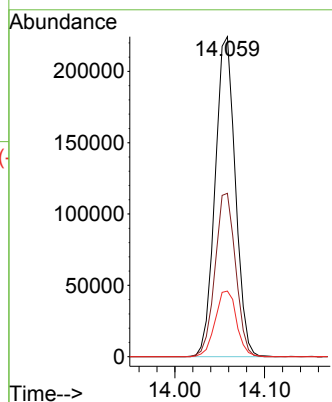
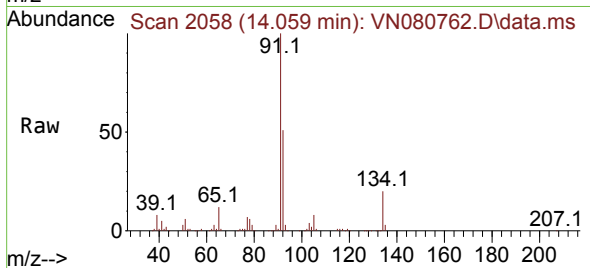
Tgt Ion: 91 Resp: 350831

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 21.8 12.6 37.6



#90

Hexachloroethane

Concen: 49.185 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080762.D

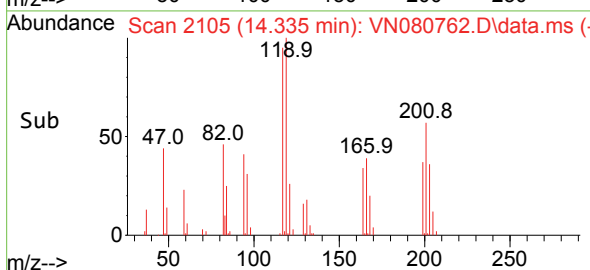
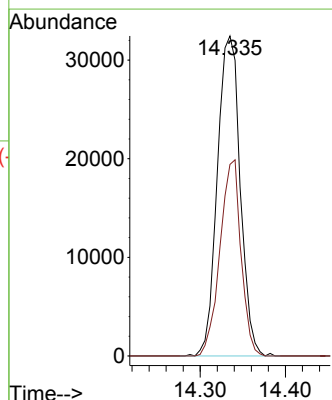
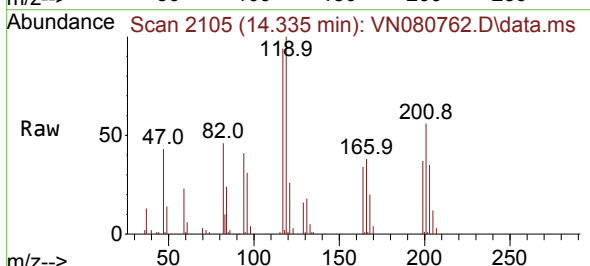
Acq: 23 Jan 2024 16:46

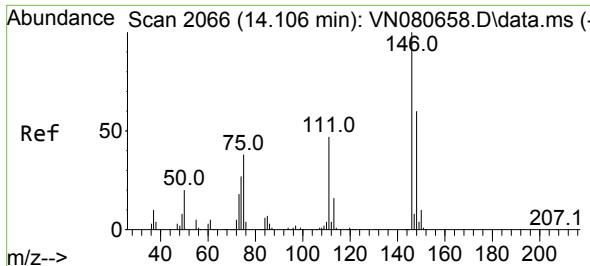
Tgt Ion: 117 Resp: 60545

Ion Ratio Lower Upper

117 100

201 56.3 29.3 88.0

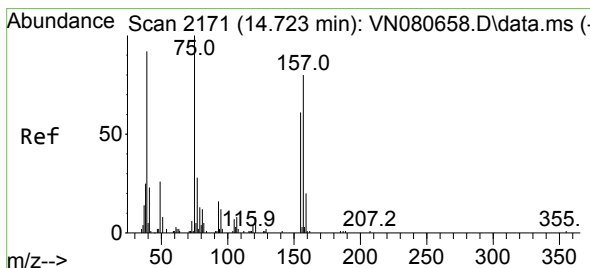
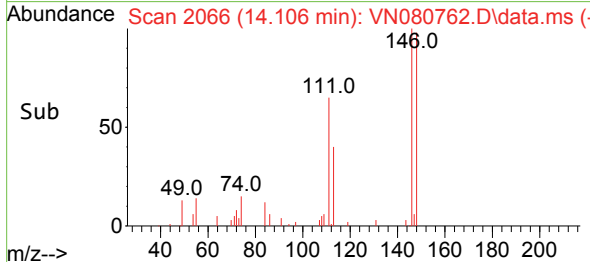
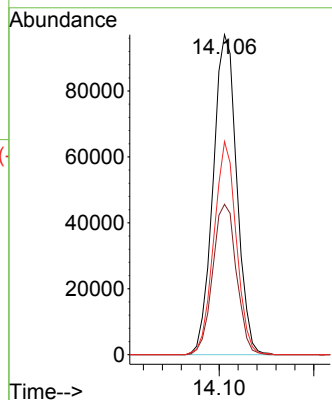
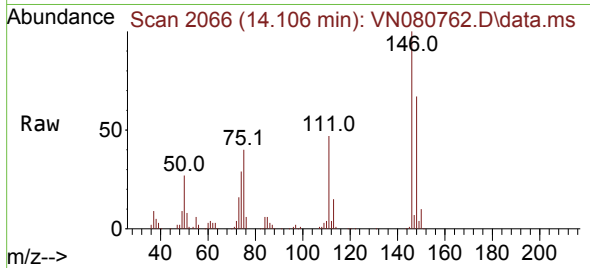




#91
1,2-Dichlorobenzene
Concen: 53.049 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

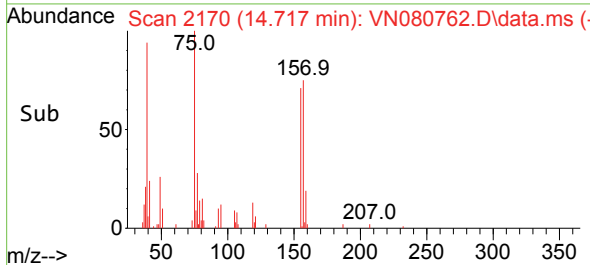
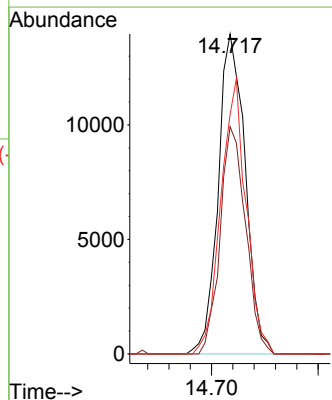
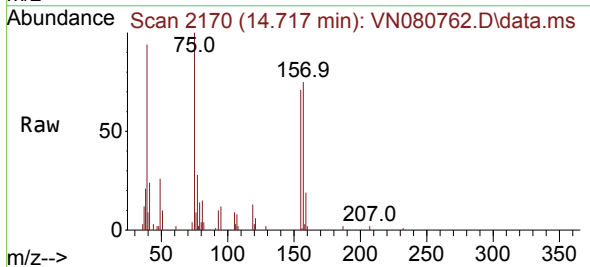
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

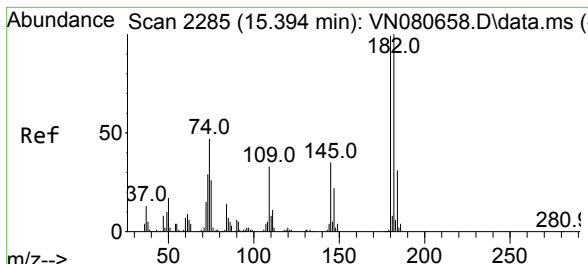
Tgt Ion:146 Resp: 168370
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 63.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.710 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080762.D
Acq: 23 Jan 2024 16:46

Tgt Ion: 75 Resp: 24536
Ion Ratio Lower Upper
75 100
155 67.1 39.1 117.2
157 80.7 50.3 150.9

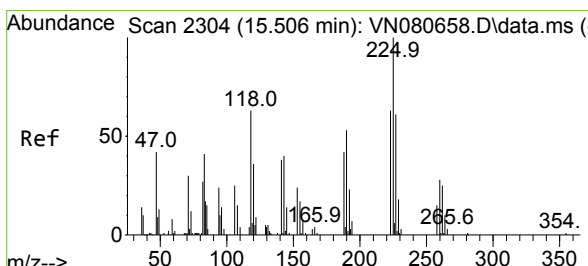
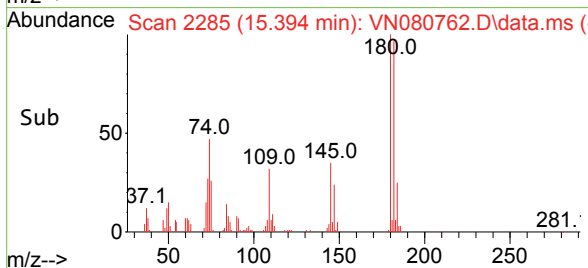
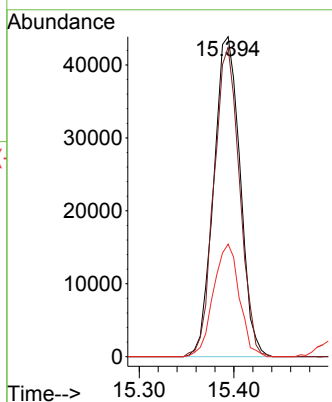
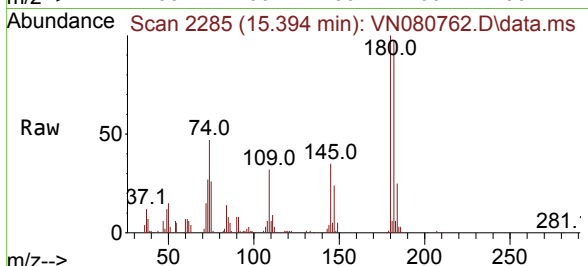




#93
 1,2,4-Trichlorobenzene
 Concen: 51.206 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

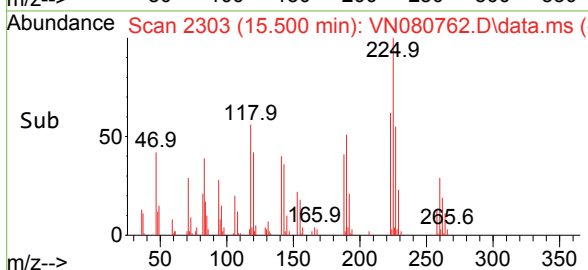
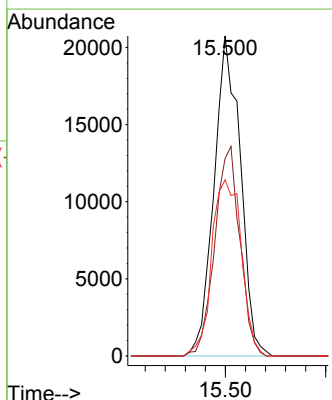
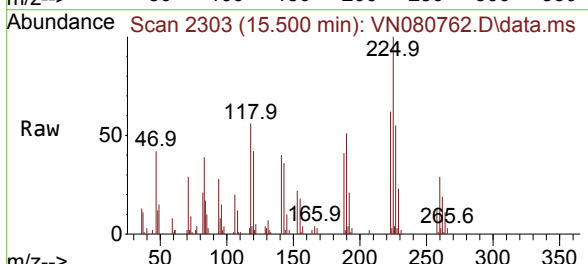
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

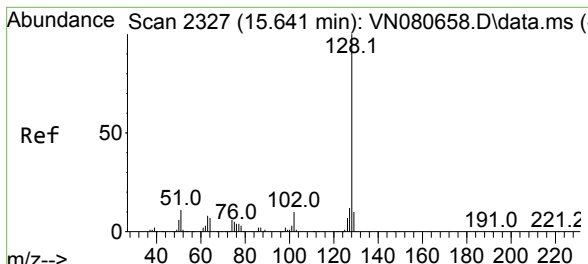
Tgt Ion:	180	Resp:	84642
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.1	138.2
145	34.7	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 47.515 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion:	225	Resp:	37692
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	61.9	31.9	95.9

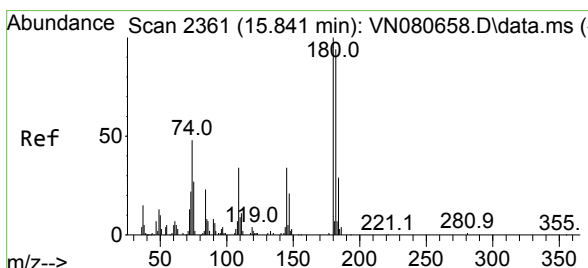
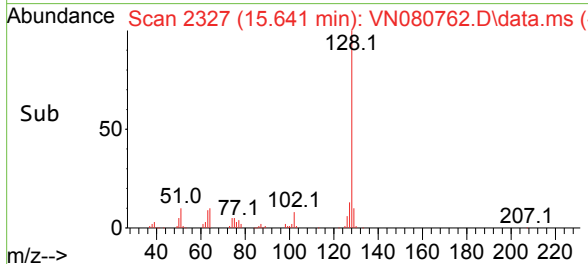
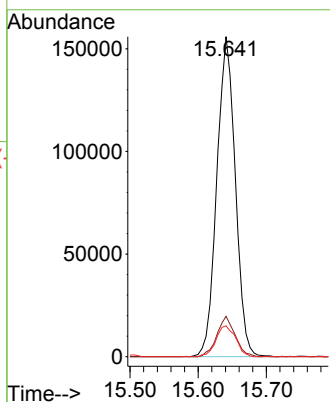
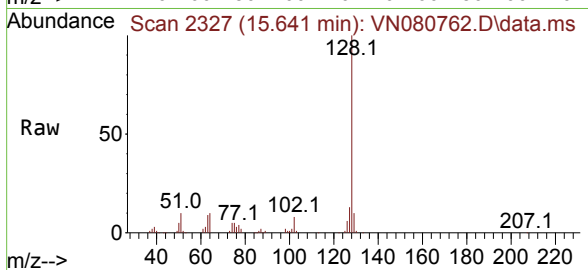




#95
 Naphthalene
 Concen: 45.288 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	128	Resp:	294614
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	10.3	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 50.575 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080762.D
 Acq: 23 Jan 2024 16:46

Tgt Ion:	180	Resp:	80919
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.2	138.6
145	36.2	17.5	52.6

