

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080460.D
 Acq On : 13 Dec 2023 14:30
 Operator : JC\MD
 Sample : 05688-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 04:06:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	207764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	372987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	393604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162396	61.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.400%	
35) Dibromofluoromethane	8.165	113	134242	56.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.520%	
50) Toluene-d8	10.571	98	499068	56.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.160%#	
62) 4-Bromofluorobenzene	12.847	95	209547	62.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.140%#	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	2567	0.524	ug/l #	86
6) Chloroethane	3.106	64	504	0.346	ug/l #	43
13) Acrolein	4.147	56	1497	4.374	ug/l #	1
14) Allyl chloride	5.112	41	4272	1.546	ug/l #	19
15) Acrylonitrile	5.818	53	7274	8.237	ug/l #	29
16) Acetone	4.436	43	18868	40.101	ug/l #	71
18) Methyl Acetate	5.130	43	6402	2.115	ug/l #	42
20) Methylene Chloride	5.289	84	898	0.357	ug/l #	25
23) Vinyl Acetate	6.577	43	1466	0.428	ug/l #	62
25) 2-Butanone	7.494	43	5485	6.051	ug/l #	84
26) 2,2-Dichloropropane	7.324	77	4904	1.153	ug/l #	53
29) Tetrahydrofuran	7.930	42	458	0.706	ug/l #	20
30) Chloroform	7.935	83	9517	2.060	ug/l #	15
31) Cyclohexane	8.259	56	281489	78.004	ug/l	94
36) 1,1-Dichloropropene	8.230	75	16890	4.368	ug/l #	74
37) Ethyl Acetate	7.494	43	5485	2.265	ug/l #	63
38) Carbon Tetrachloride	8.224	117	23390	5.062	ug/l #	14
39) Methylcyclohexane	9.600	83	325044	80.918	ug/l	91
41) Methacrylonitrile	7.724	41	2784	1.994	ug/l #	1
43) Isopropyl Acetate	8.706	43	10331	2.373	ug/l #	49
45) 1,2-Dichloropropane	9.582	63	4456	1.699	ug/l #	1
48) Methyl methacrylate	9.606	41	132784	51.108	ug/l #	65
51) 4-Methyl-2-Pentanone	10.447	43	5559	2.318	ug/l	96
52) Toluene	10.629	92	88810	12.590	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	15033	5.923	ug/l #	20
58) 2-Chloroethyl Vinyl ether	10.100	63	840	0.474	ug/l #	42
59) 2-Hexanone	11.188	43	2983	1.685	ug/l	69
67) Ethyl Benzene	11.965	91	384431	23.878	ug/l	96
68) m/p-Xylenes	12.070	106	892666	150.048	ug/l	88
69) o-Xylene	12.400	106	436821	75.068	ug/l	90
70) Styrene	12.394	104	24840	2.964	ug/l #	1
73) Isopropylbenzene	12.694	105	168971	11.036	ug/l	99
74) N-amyl acetate	12.465	43	1414	0.316	ug/l #	23
76) 1,2,3-Trichloropropane	13.100	75	6325	1.664	ug/l #	1
78) n-propylbenzene	13.035	91	319122	18.904	ug/l	98
79) 2-Chlorotoluene	13.094	91	83588	7.585	ug/l #	42

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

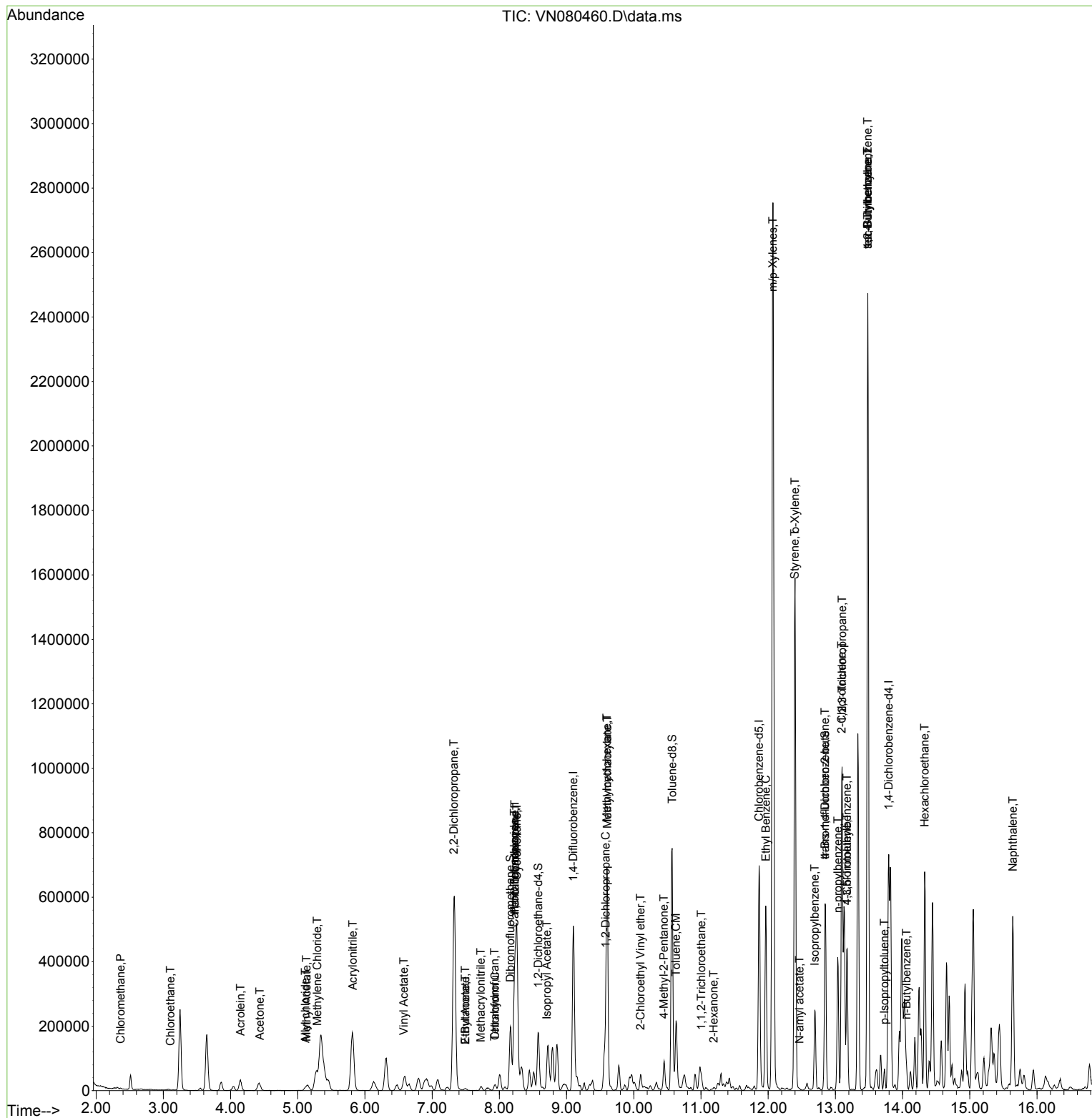
80) 1,3,5-Trimethylbenzene	13.170	105	247915	18.801	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	112651	77.791	ug/l #	15
82) 4-Chlorotoluene	13.170	91	28076	2.478	ug/l #	41
83) tert-Butylbenzene	13.482	119	166818	15.448	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	1444879	110.145	ug/l	97
85) sec-Butylbenzene	13.482	105	1445030	104.605	ug/l #	57
86) p-Isopropyltoluene	13.729	119	32034	2.568	ug/l	95
89) n-Butylbenzene	14.059	91	41193	3.955	ug/l #	80
90) Hexachloroethane	14.329	117	35938	18.142	ug/l #	21
95) Naphthalene	15.641	128	493575	46.459	ug/l	99

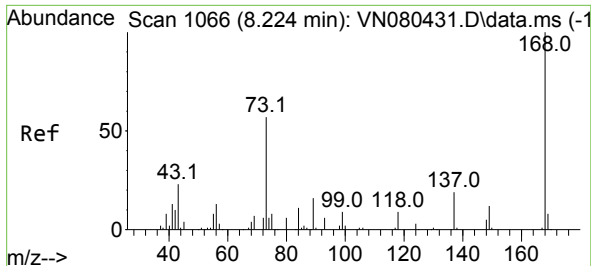
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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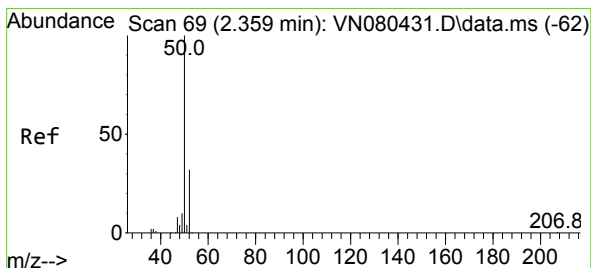
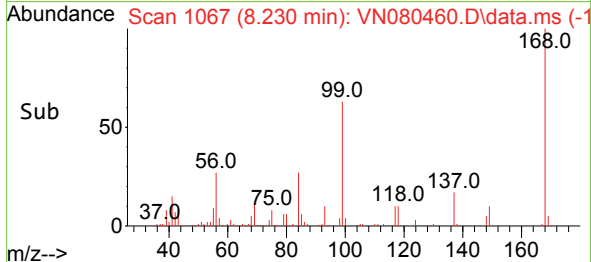
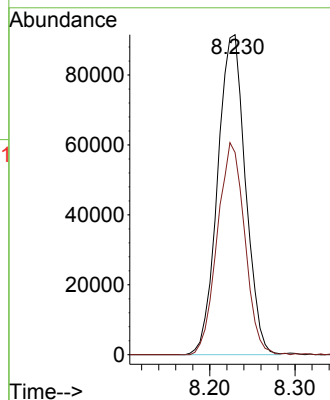
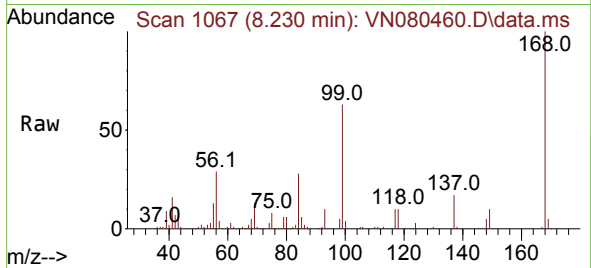




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

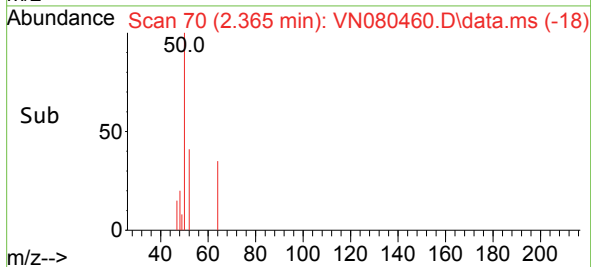
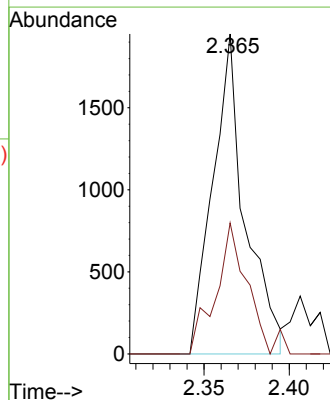
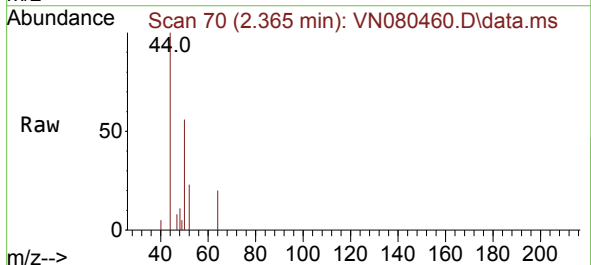
Instrument :
MSVOA_N
ClientSampleId :

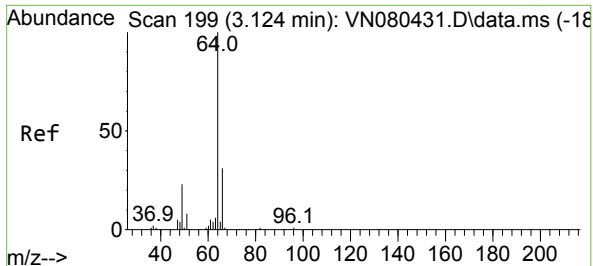
Tgt Ion:168 Resp: 207764
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#3
Chloromethane
Concen: 0.524 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 50 Resp: 2567
Ion Ratio Lower Upper
50 100
52 40.9 26.5 39.7#

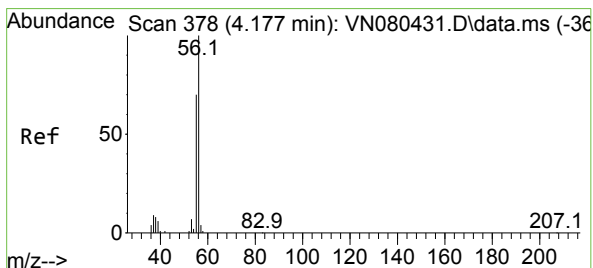
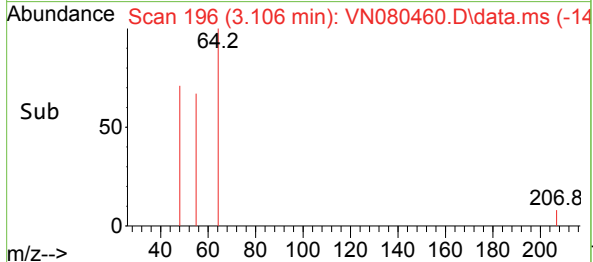
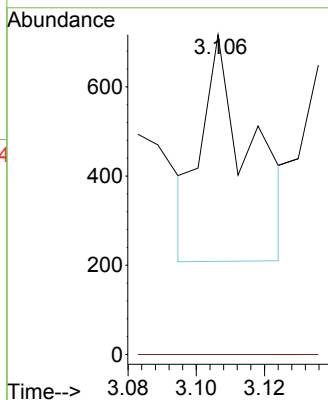
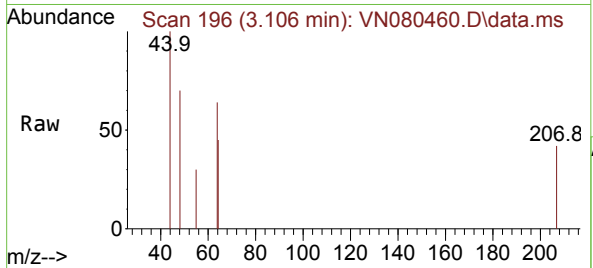




#6
Chloroethane
Concen: 0.346 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

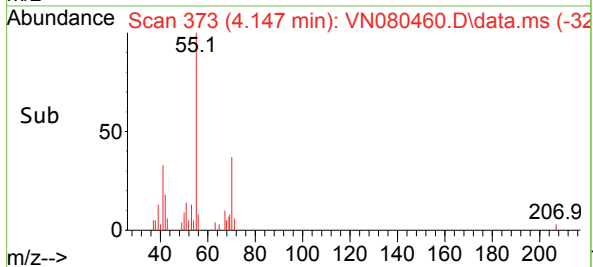
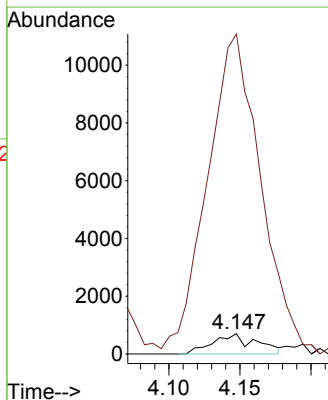
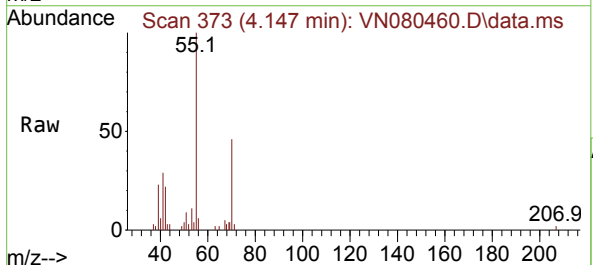
Instrument :
MSVOA_N
ClientSampleId :

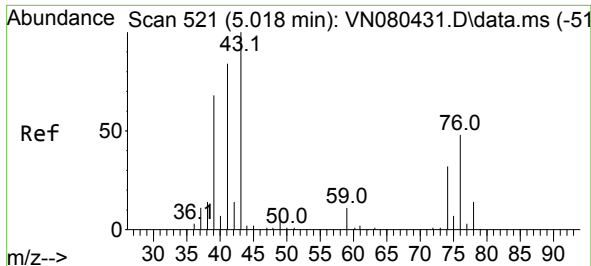
Tgt Ion: 64 Resp: 504
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 4.374 ug/l
RT: 4.147 min Scan# 373
Delta R.T. -0.029 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

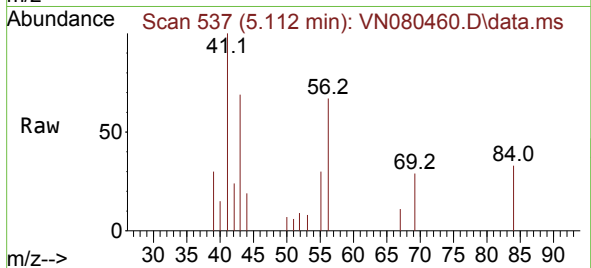
Tgt Ion: 56 Resp: 1497
Ion Ratio Lower Upper
56 100
55 1942.4 54.5 81.7#



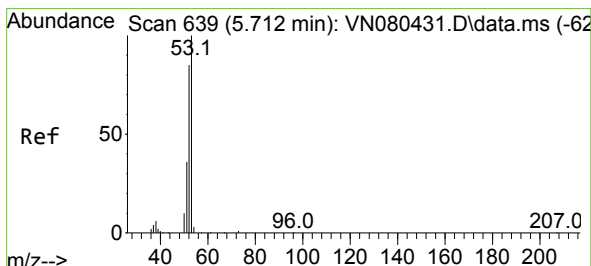
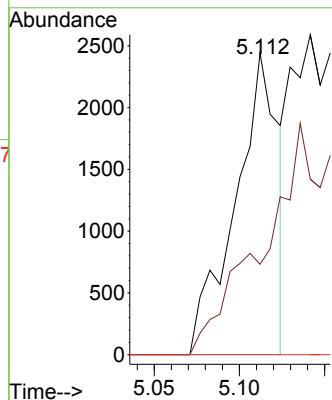
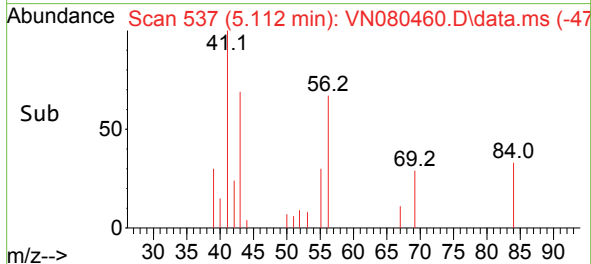


#14
 Allyl chloride
 Concen: 1.546 ug/l
 RT: 5.112 min Scan# 51
 Delta R.T. 0.094 min
 Lab File: VN080460.D
 Acq: 13 Dec 2023 14:30

Instrument :
 MSVOA_N
 ClientSampleId :

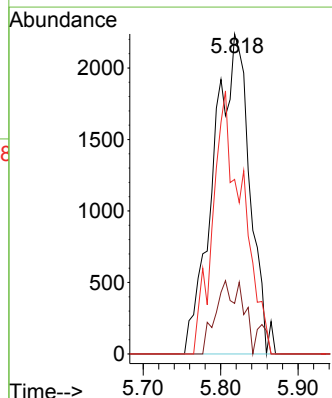
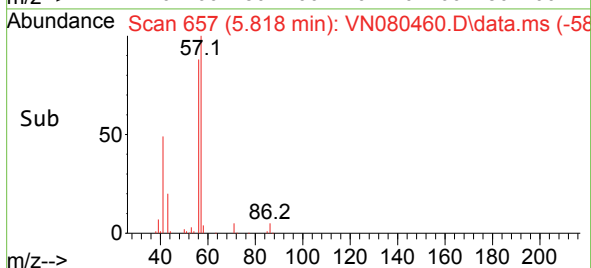
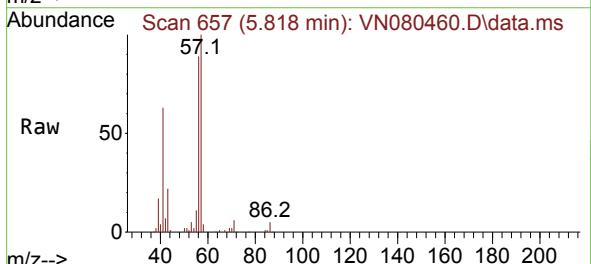


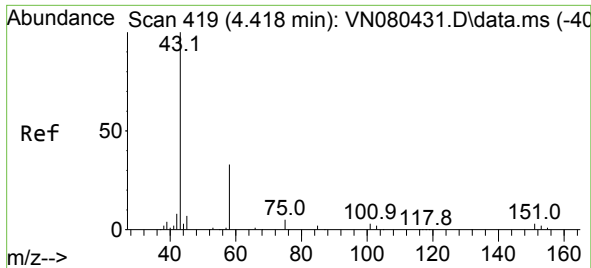
Tgt Ion: 41 Resp: 4272
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 39.1 58.7#



#15
 Acrylonitrile
 Concen: 8.237 ug/l
 RT: 5.818 min Scan# 657
 Delta R.T. 0.106 min
 Lab File: VN080460.D
 Acq: 13 Dec 2023 14:30

Tgt Ion: 53 Resp: 7274
 Ion Ratio Lower Upper
 53 100
 52 11.5 65.3 97.9#
 51 68.0 28.9 43.3#

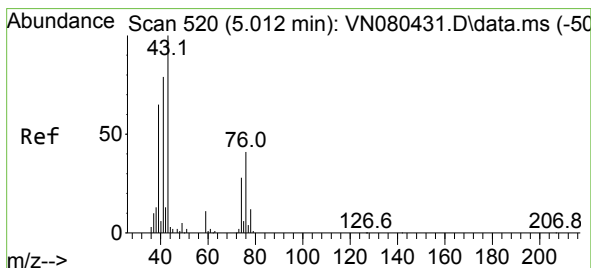
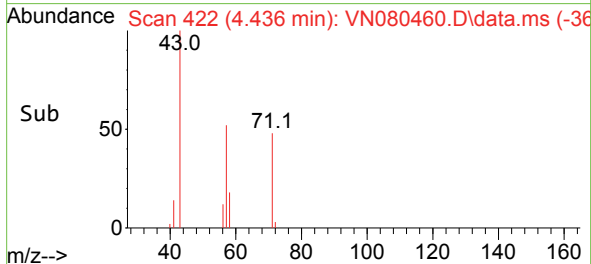
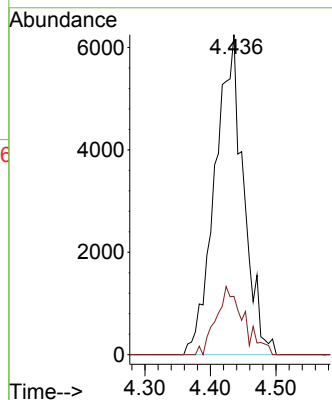
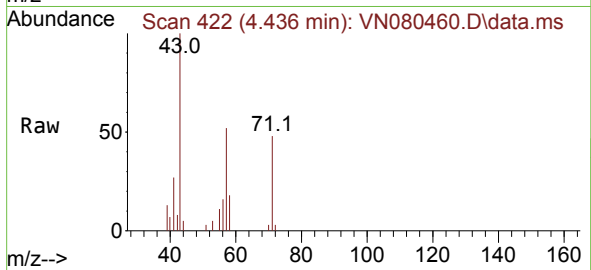




#16
Acetone
Concen: 40.101 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

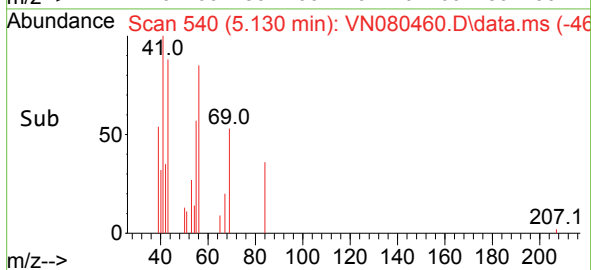
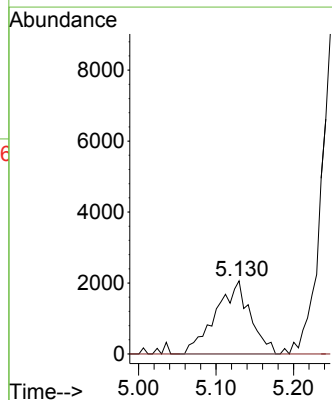
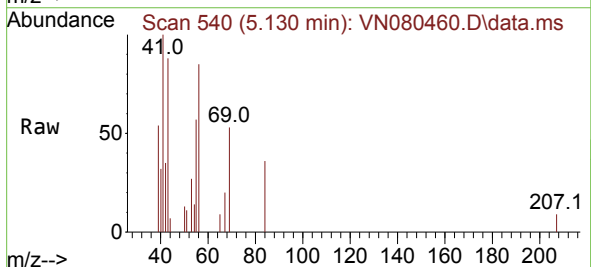
Instrument :
MSVOA_N
ClientSampleId :

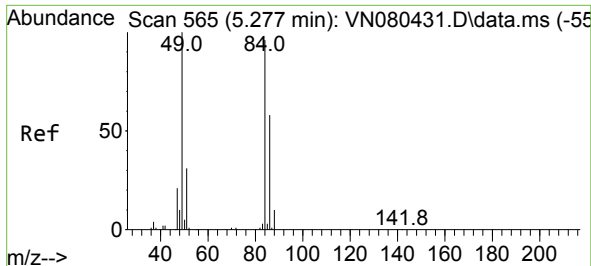
Tgt Ion: 43 Resp: 18868
Ion Ratio Lower Upper
43 100
58 18.3 28.0 42.0#



#18
Methyl Acetate
Concen: 2.115 ug/l
RT: 5.130 min Scan# 540
Delta R.T. 0.118 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

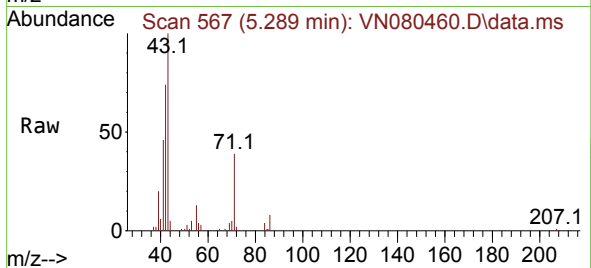
Tgt Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



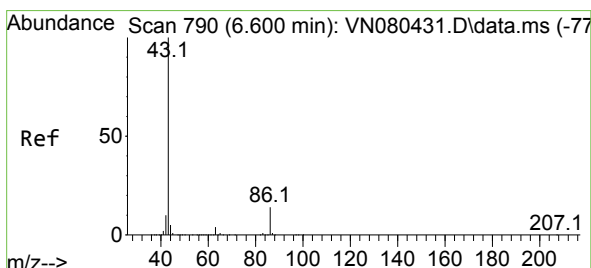
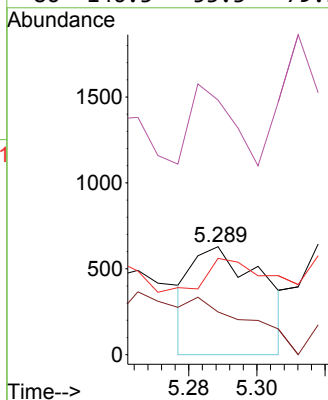
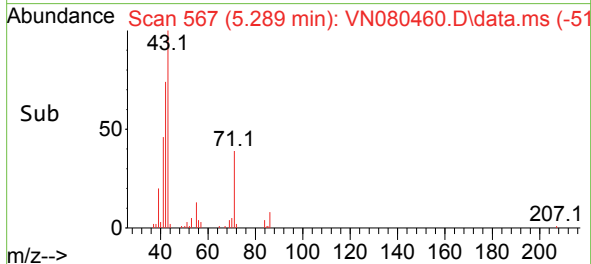


#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

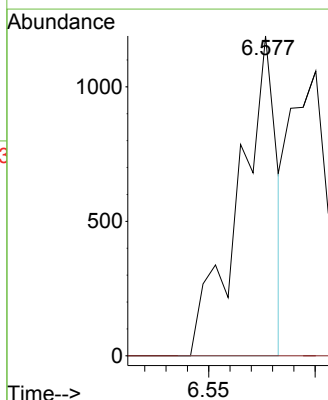
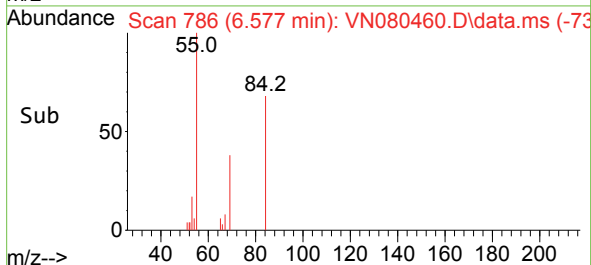
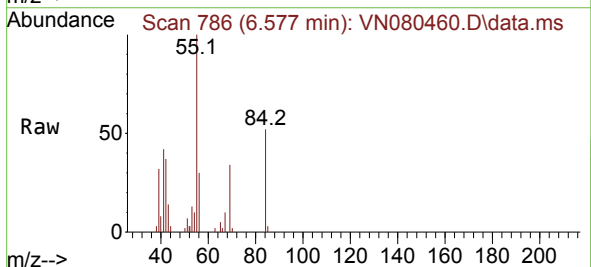


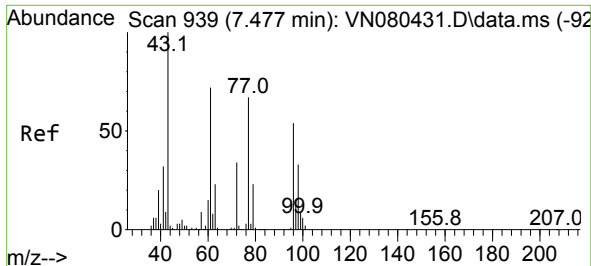
Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
49 38.8 79.7 119.5#
51 67.1 25.2 37.8#
86 146.3 53.3 79.9#



#23
Vinyl Acetate
Concen: 0.428 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.023 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

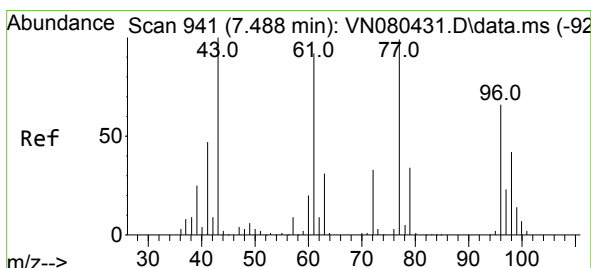
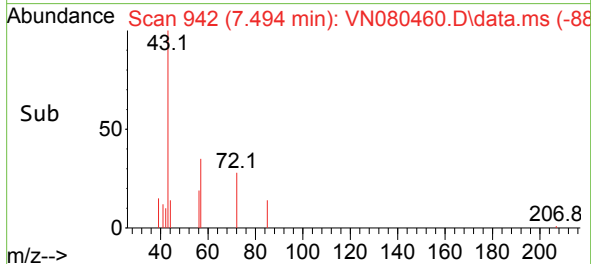
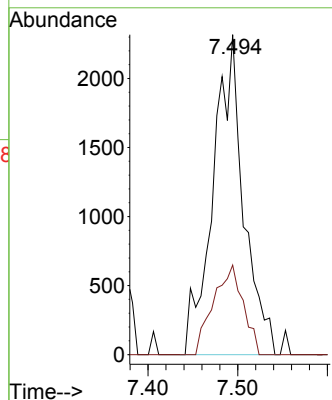
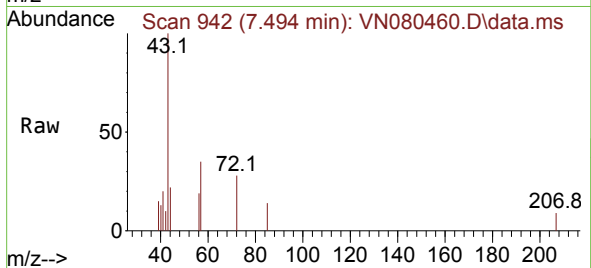




#25
2-Butanone
Concen: 6.051 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

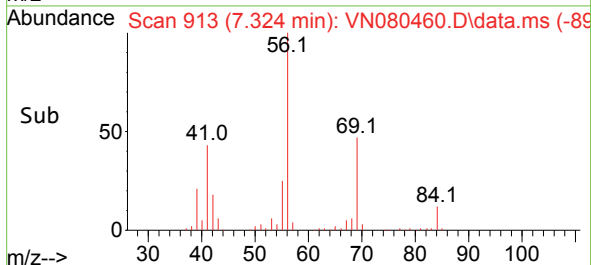
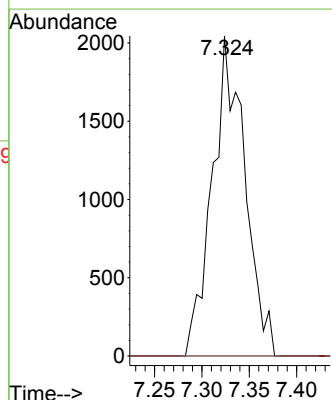
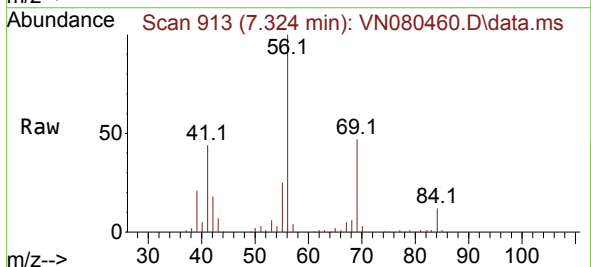
Instrument :
MSVOA_N
ClientSampleId :

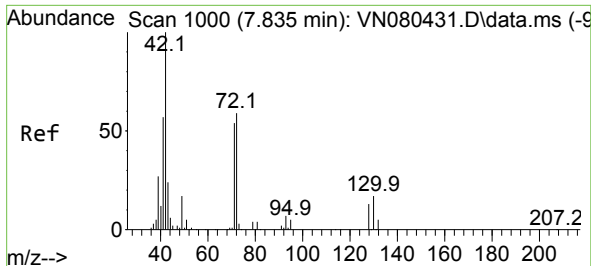
Tgt Ion: 43 Resp: 5485
Ion Ratio Lower Upper
43 100
72 28.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 1.153 ug/l
RT: 7.324 min Scan# 913
Delta R.T. -0.165 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 77 Resp: 4904
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 0.706 ug/l

RT: 7.930 min Scan# 1016

Delta R.T. 0.094 min

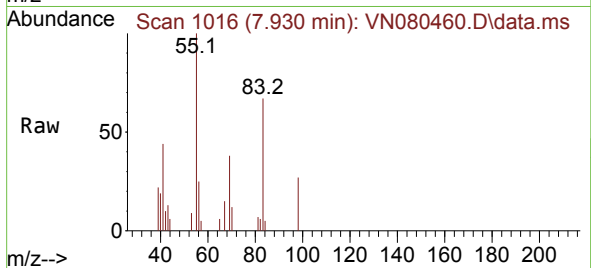
Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

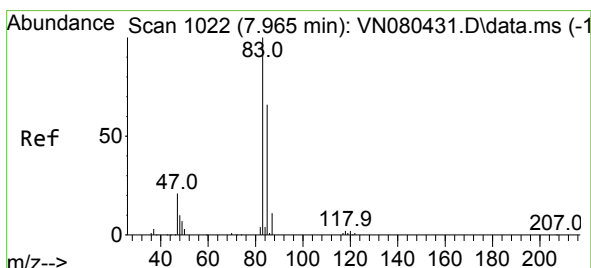
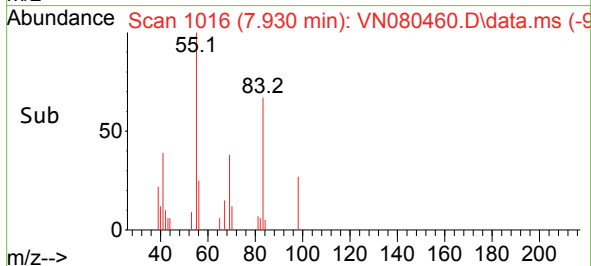
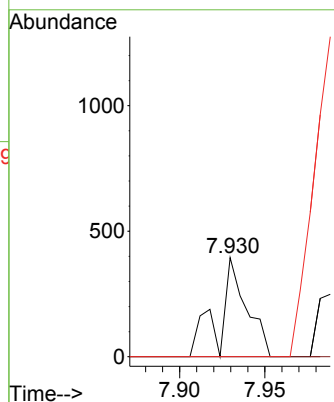
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	458
Ion Ratio	Lower	Upper	
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#30

Chloroform

Concen: 2.060 ug/l

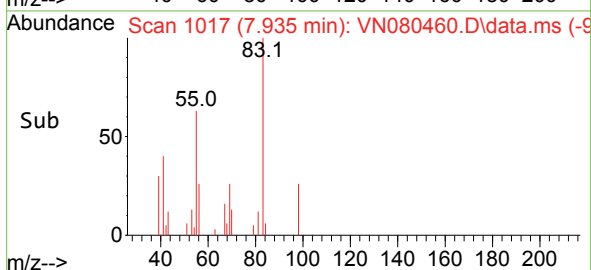
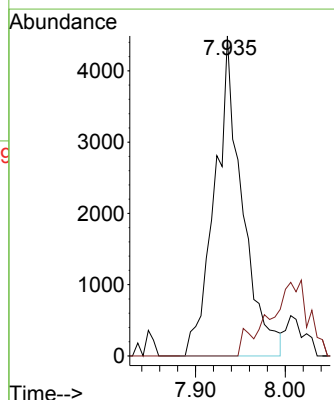
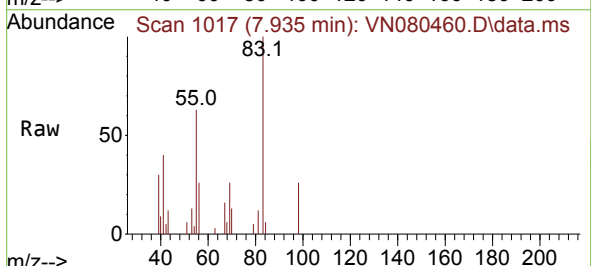
RT: 7.935 min Scan# 1017

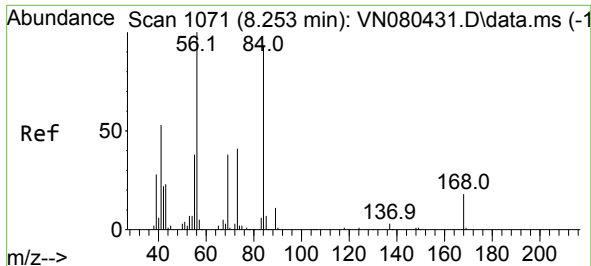
Delta R.T. -0.029 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

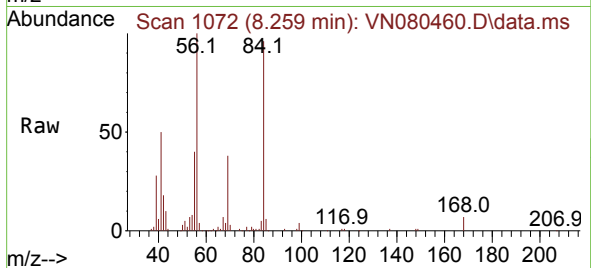
Tgt Ion:	83	Resp:	9517
Ion Ratio	Lower	Upper	
83	100		
85	0.0	55.4	83.0#



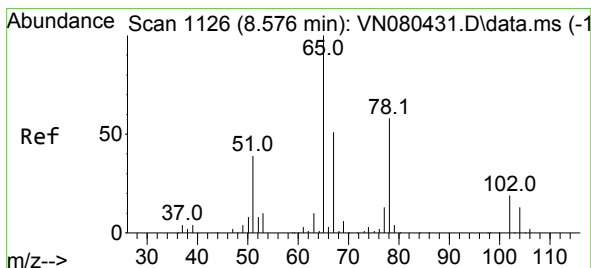
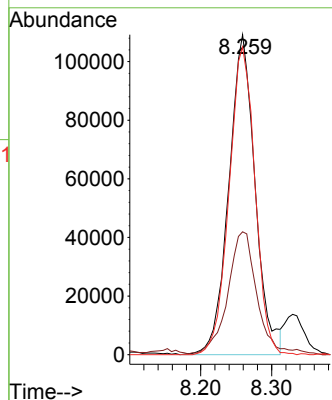
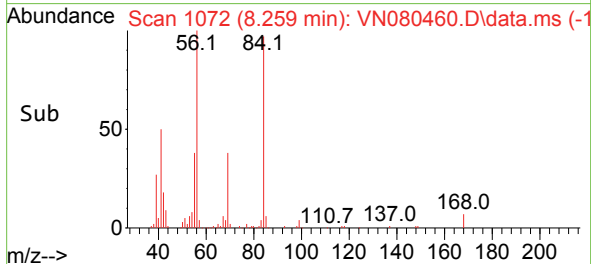


#31
Cyclohexane
Concen: 78.004 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

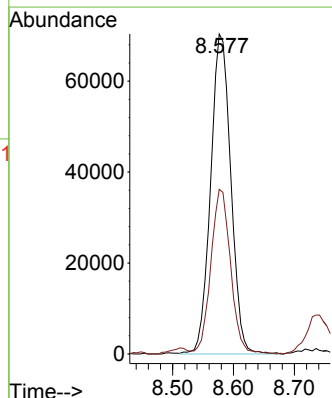
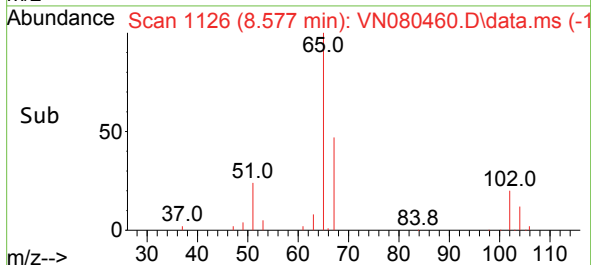
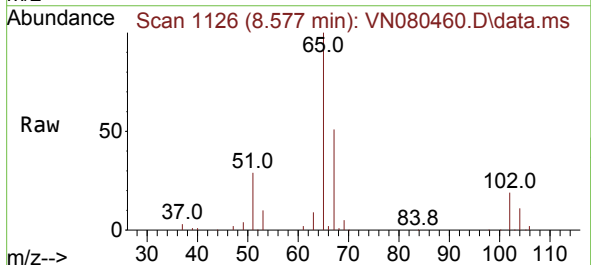


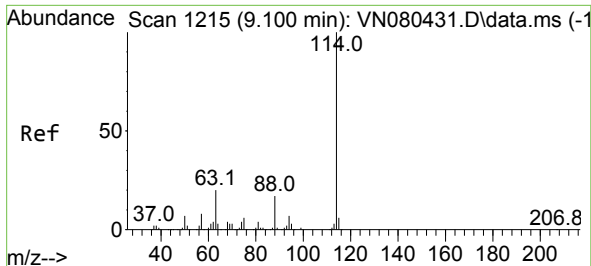
Tgt Ion: 56 Resp: 281489
Ion Ratio Lower Upper
56 100
69 37.6 26.8 40.2
84 96.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 61.198 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 65 Resp: 162396
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :

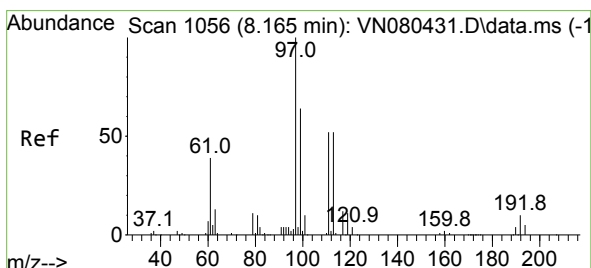
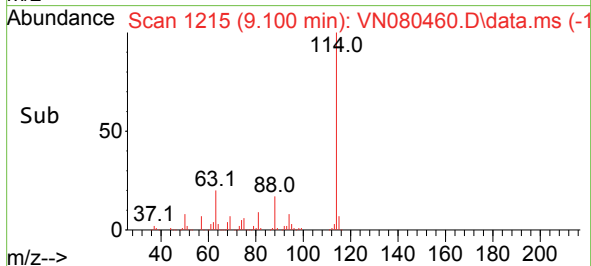
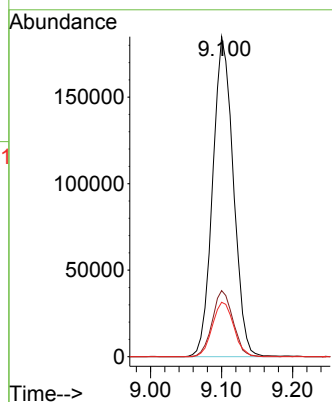
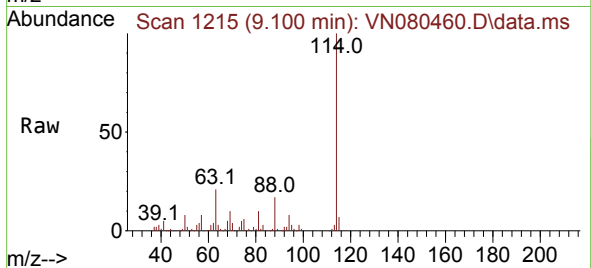
Tgt Ion:114 Resp: 372987

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.765 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

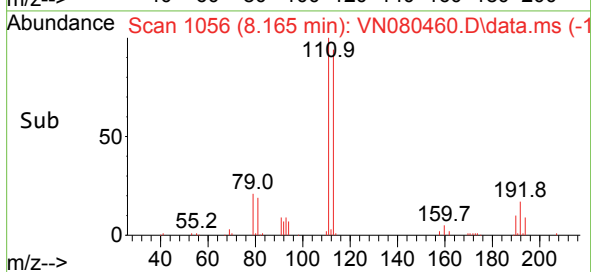
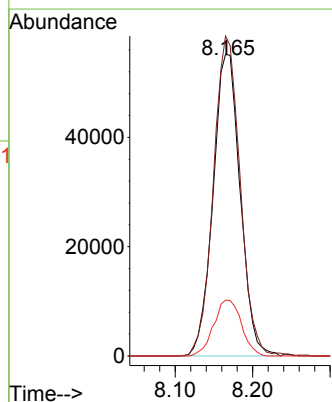
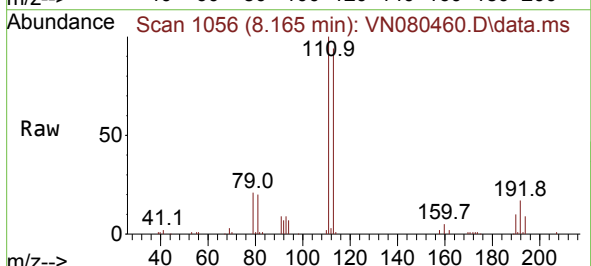
Tgt Ion:113 Resp: 134242

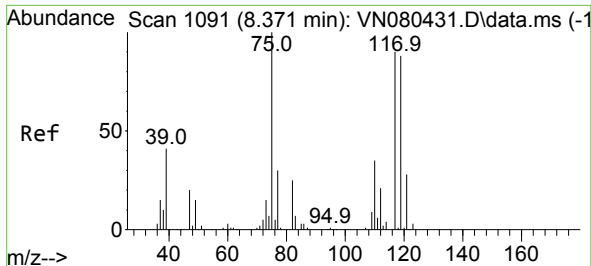
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 19.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.368 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

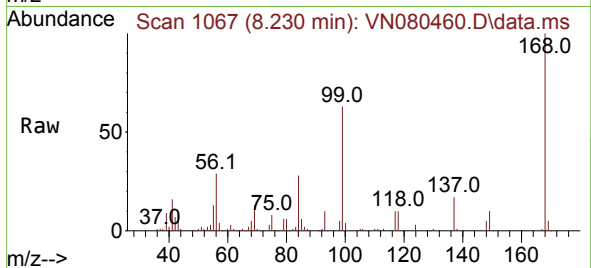
Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

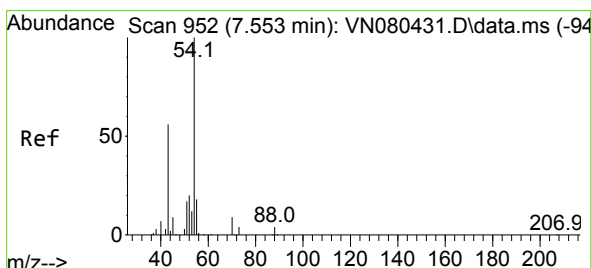
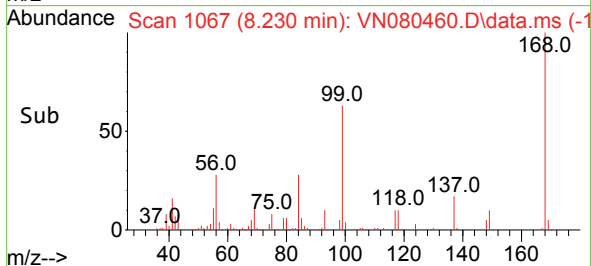
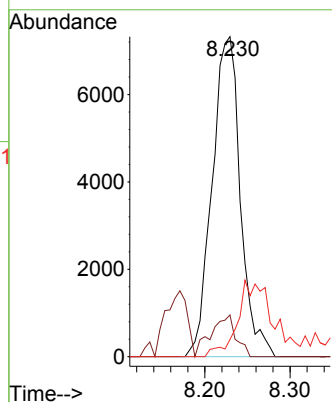
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	16890
Ion	Ratio	Lower	Upper
75	100		
110	11.5	19.1	57.3#
77	29.6	25.0	37.4



#37

Ethyl Acetate

Concen: 2.265 ug/l

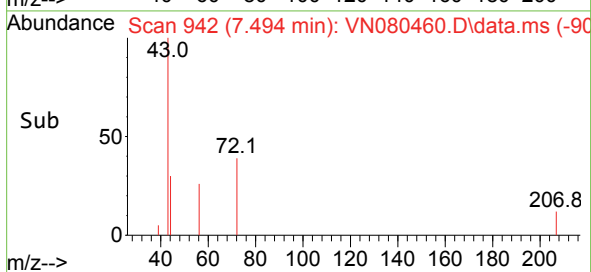
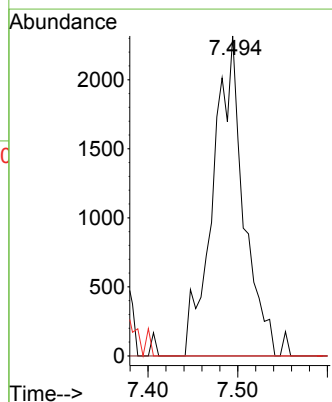
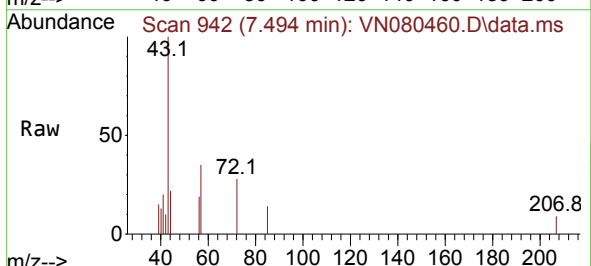
RT: 7.494 min Scan# 942

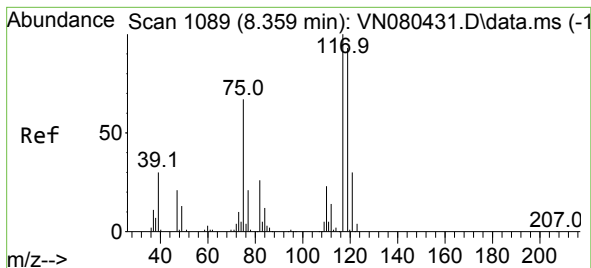
Delta R.T. -0.059 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Tgt Ion:	43	Resp:	5485
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8#
70	0.0	11.3	16.9#





#38

Carbon Tetrachloride

Concen: 5.062 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

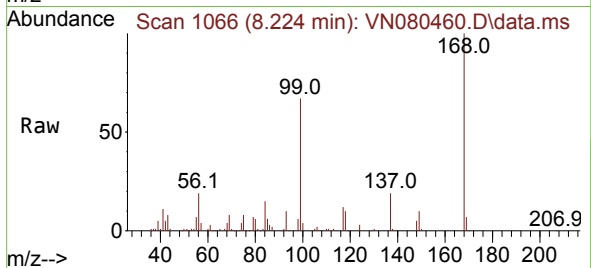
Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

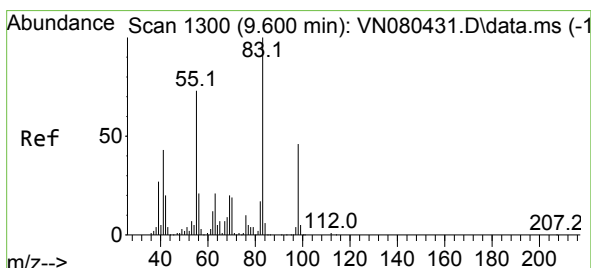
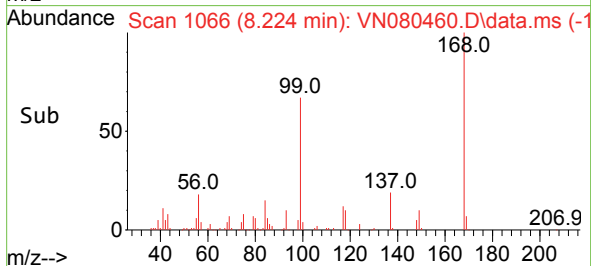
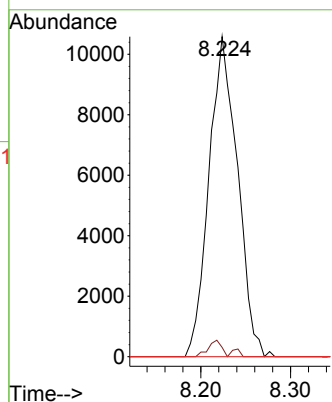
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:117	Resp:	23390
Ion	Ratio	Lower Upper
117	100	
119	2.9	77.3 115.9#
121	0.0	23.3 34.9#



#39

Methylcyclohexane

Concen: 80.918 ug/l

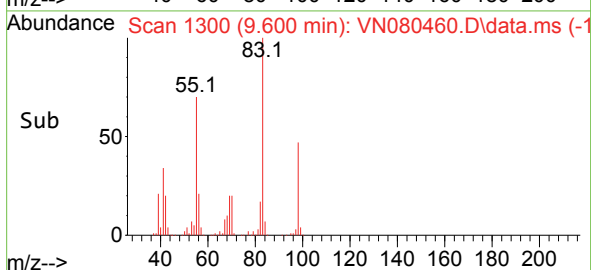
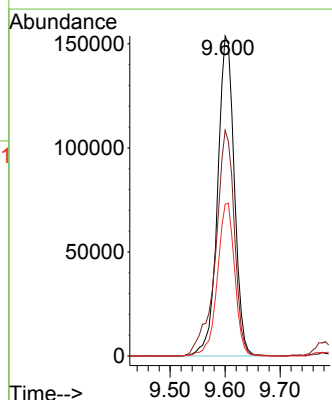
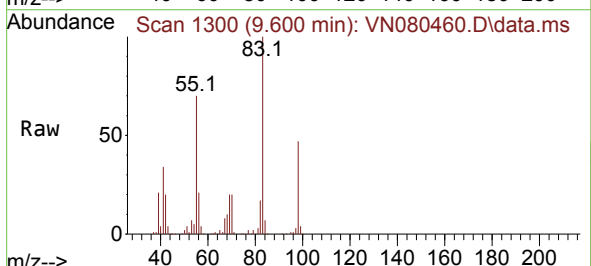
RT: 9.600 min Scan# 1300

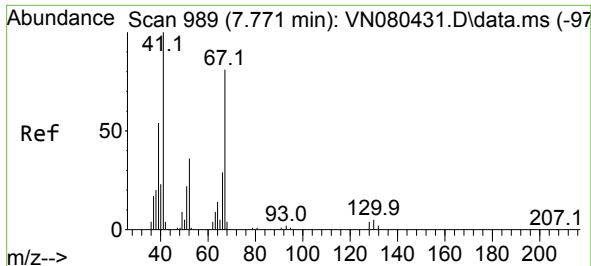
Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

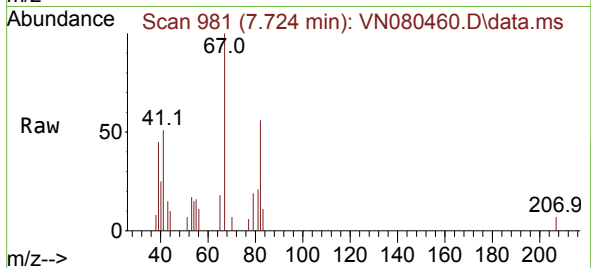
Tgt Ion: 83	Resp:	325044
Ion	Ratio	Lower Upper
83	100	
55	70.4	49.1 73.7
98	47.4	40.6 61.0



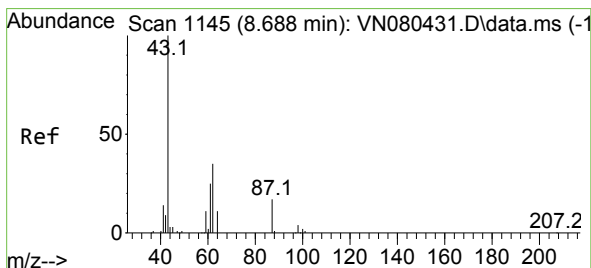
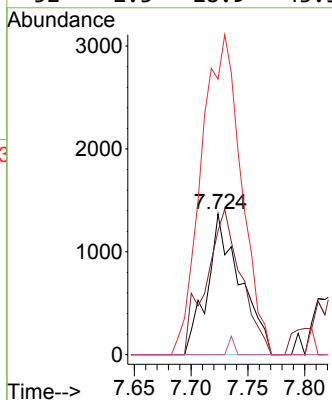
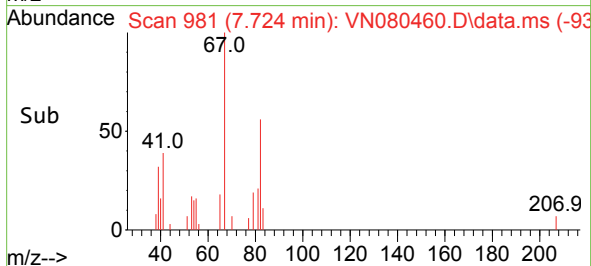


#41
Methacrylonitrile
Concen: 1.994 ug/l
RT: 7.724 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

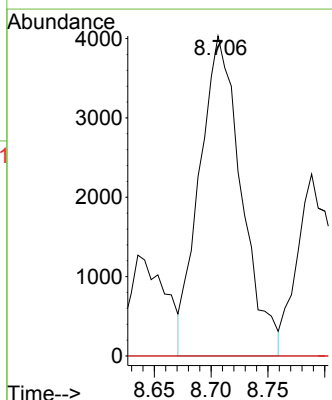
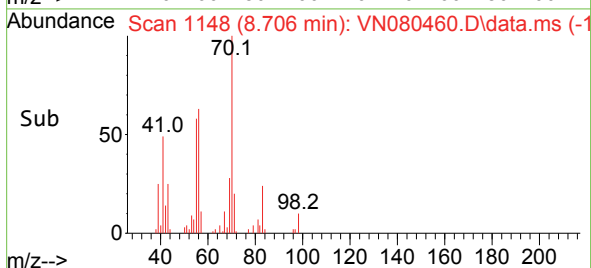
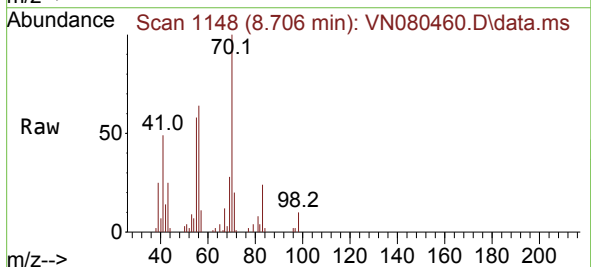


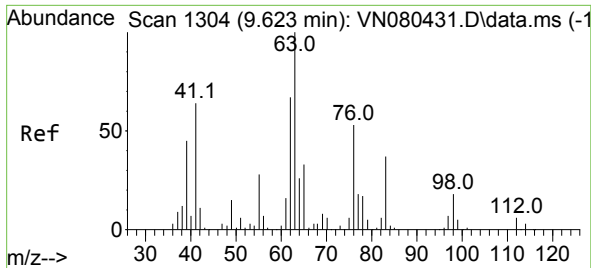
Tgt Ion:	41	Resp:	2784
Ion	Ratio	Lower	Upper
41	100		
39	109.7	42.6	64.0#
67	273.9	77.5	116.3#
52	2.3	28.9	43.3#



#43
Isopropyl Acetate
Concen: 2.373 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion:	43	Resp:	10331
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

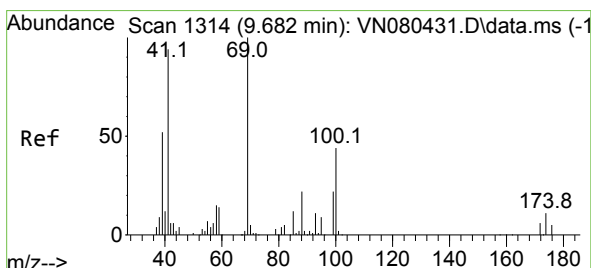
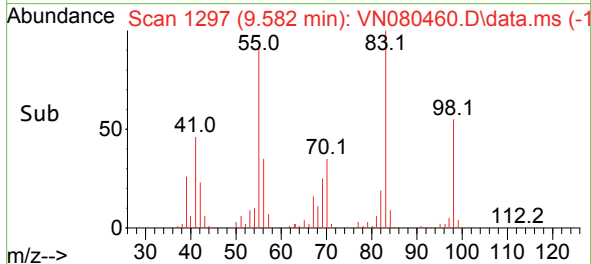
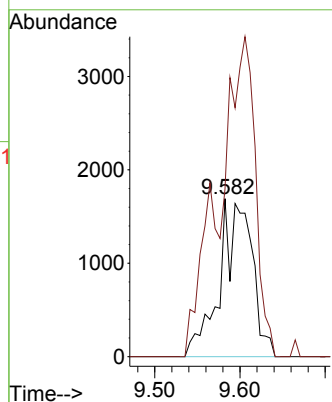
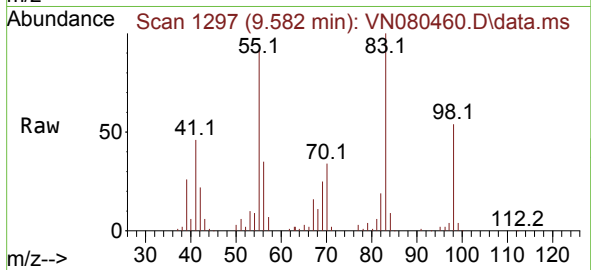




#45
1,2-Dichloropropane
Concen: 1.699 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

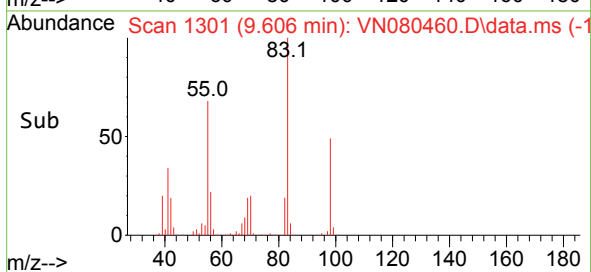
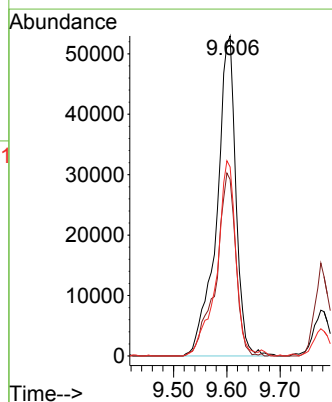
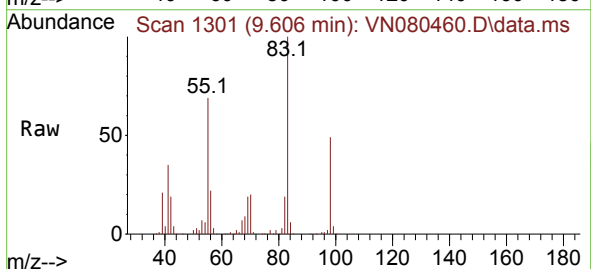
Instrument :
MSVOA_N
ClientSampleId :

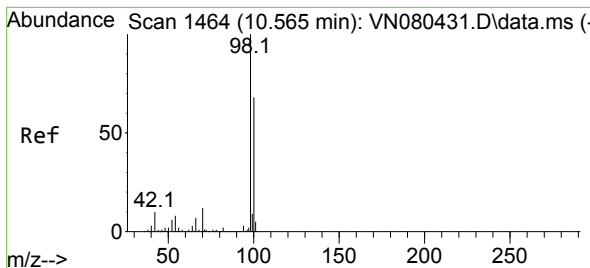
Tgt Ion: 63 Resp: 4456
Ion Ratio Lower Upper
63 100
65 106.1 23.9 35.9#



#48
Methyl methacrylate
Concen: 51.108 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.076 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 41 Resp: 132784
Ion Ratio Lower Upper
41 100
69 58.7 90.4 135.6#
39 60.5 54.6 81.8

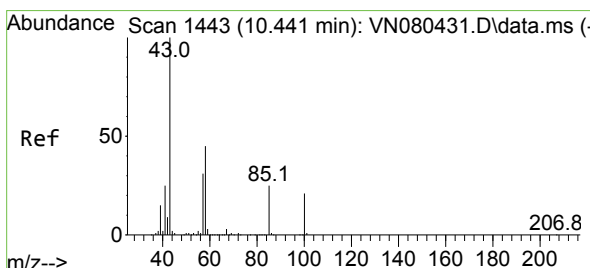
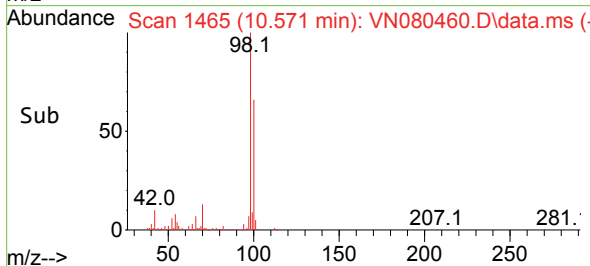
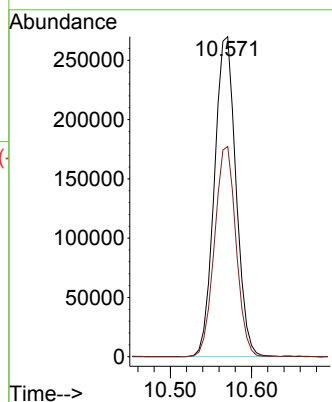
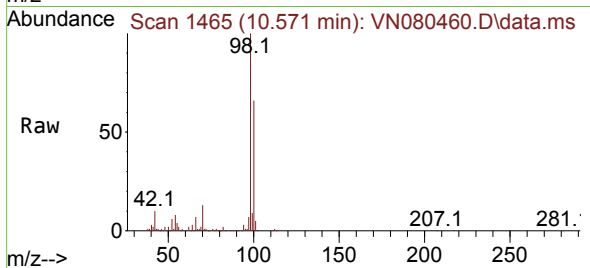




#50
Toluene-d8
Concen: 56.585 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

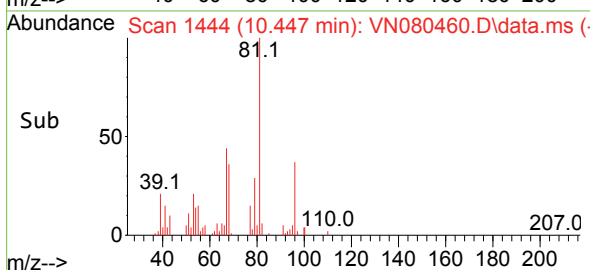
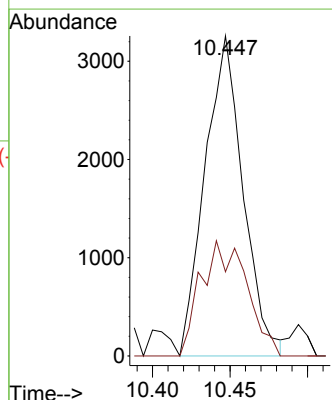
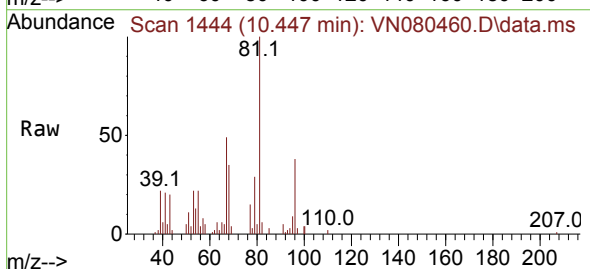
Instrument :
MSVOA_N
ClientSampleId :

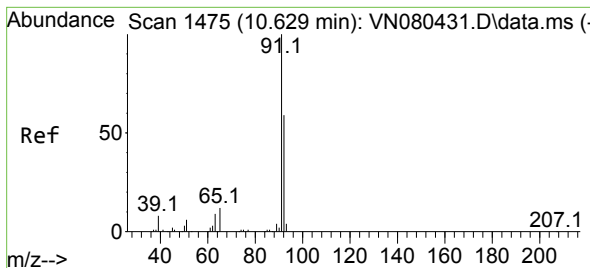
Tgt Ion: 98 Resp: 499068
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.318 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 43 Resp: 5559
Ion Ratio Lower Upper
43 100
58 43.2 36.6 54.8





#52

Toluene

Concen: 12.590 ug/l

RT: 10.629 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

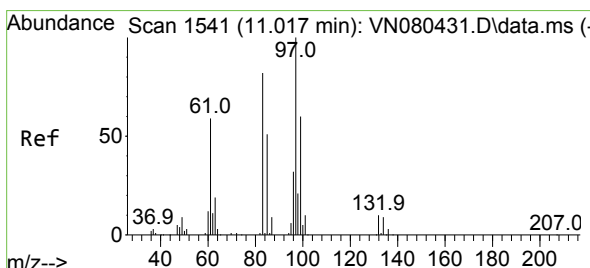
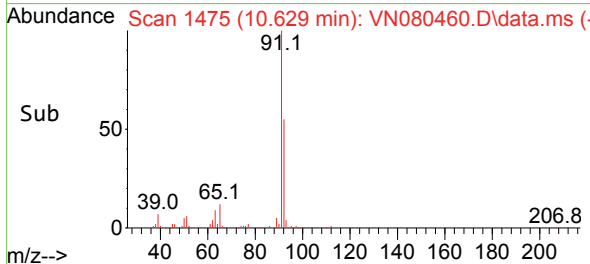
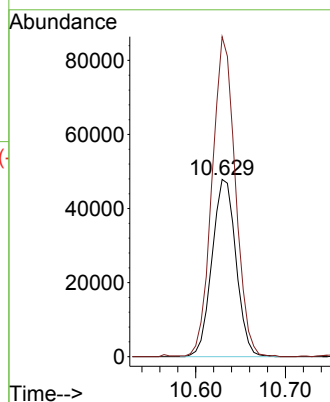
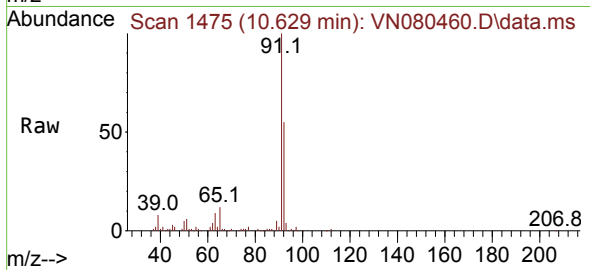
ClientSampleId :

Tgt Ion: 92 Resp: 88810

Ion Ratio Lower Upper

92 100

91 175.7 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 5.923 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Tgt Ion: 97 Resp: 15033

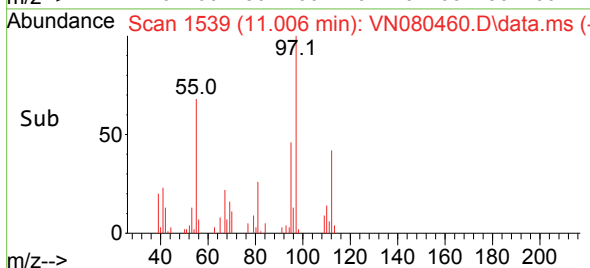
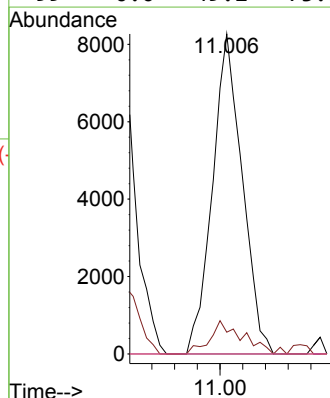
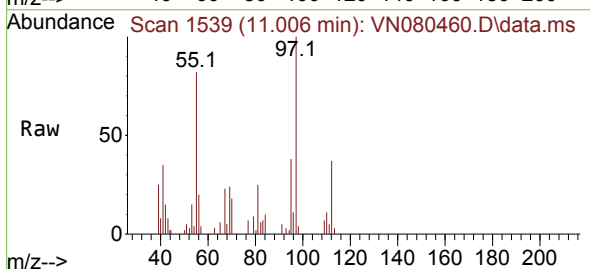
Ion Ratio Lower Upper

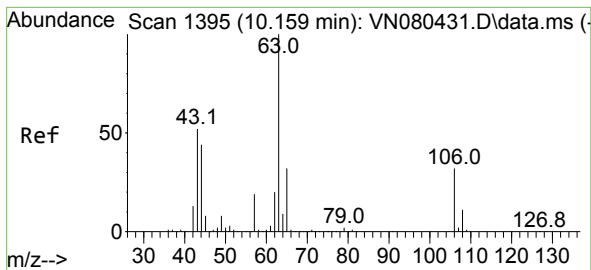
97 100

83 6.8 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#

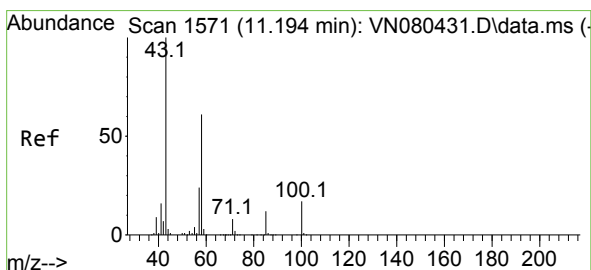
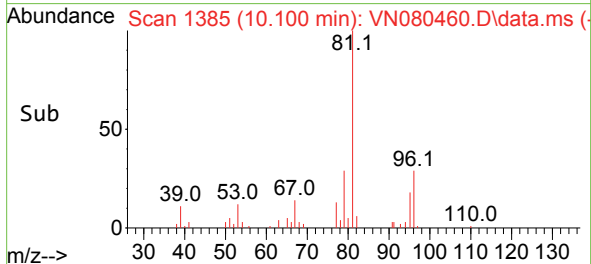
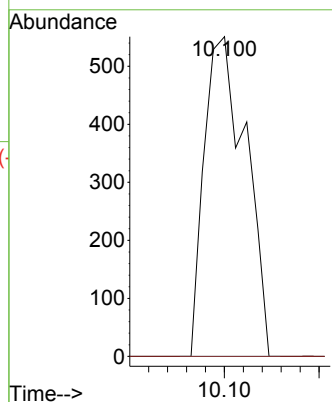
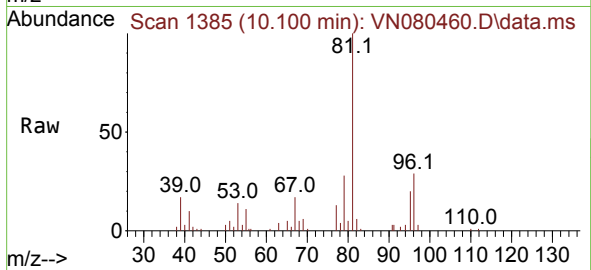




#58
2-Chloroethyl Vinyl ether
Concen: 0.474 ug/l
RT: 10.100 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

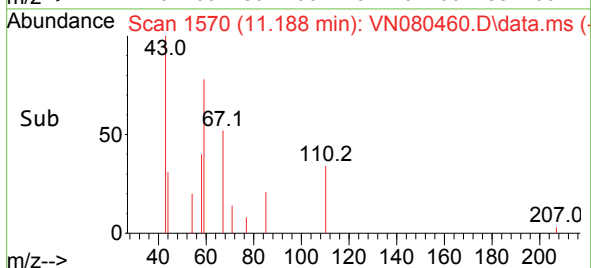
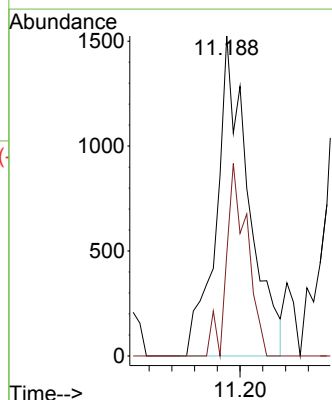
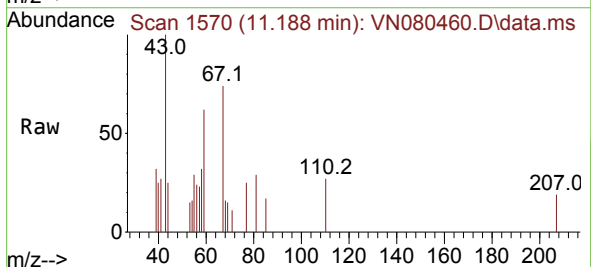
Instrument :
MSVOA_N
ClientSampleId :

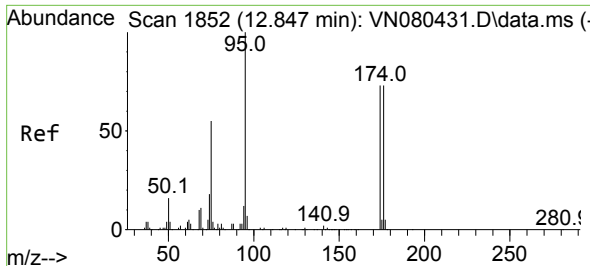
Tgt Ion: 63 Resp: 840
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.685 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
58 39.4 31.7 95.1

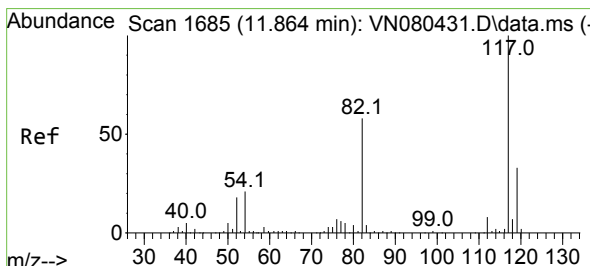
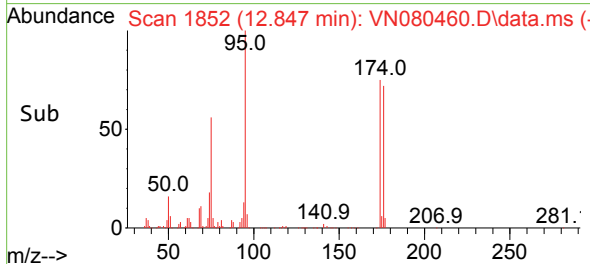
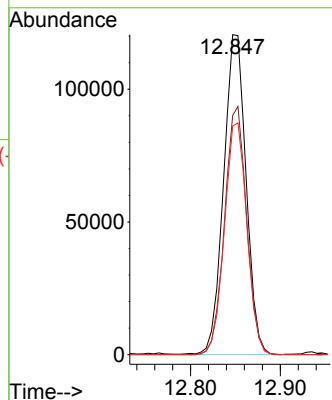
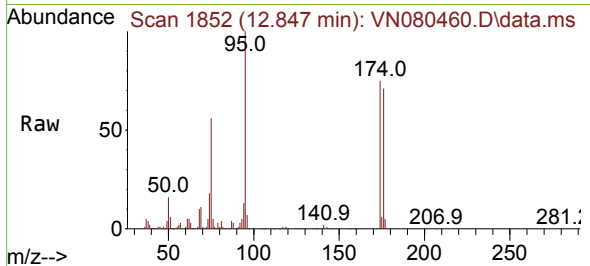




#62
4-Bromofluorobenzene
Concen: 62.568 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

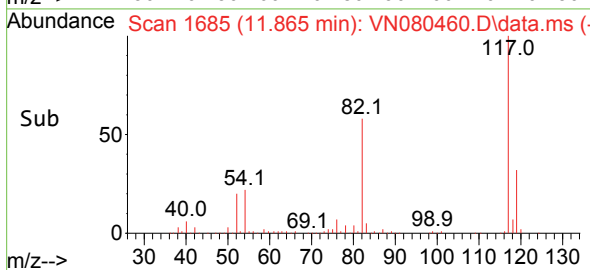
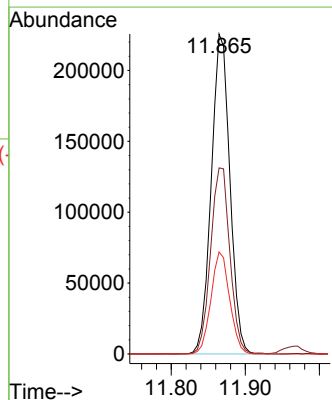
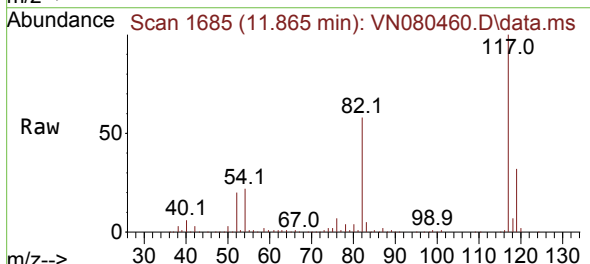
Instrument :
MSVOA_N
ClientSampleId :

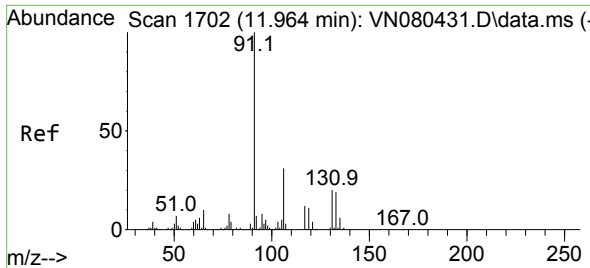
Tgt Ion: 95 Resp: 209547
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 117 Resp: 393604
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.9 25.6 38.4

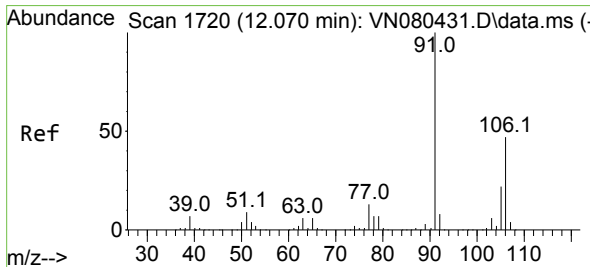
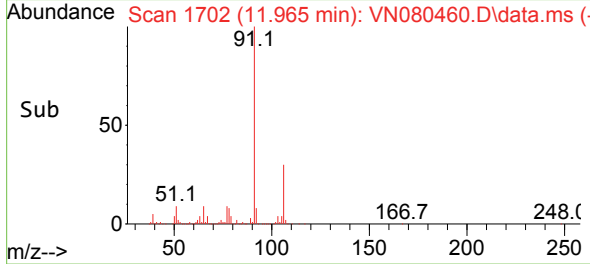
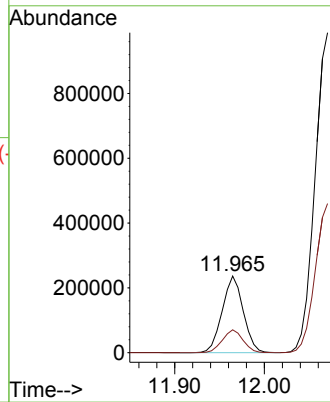
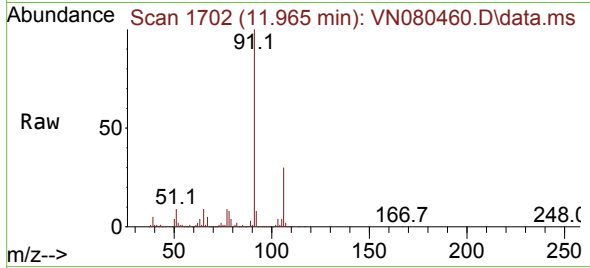




#67
Ethyl Benzene
Concen: 23.878 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

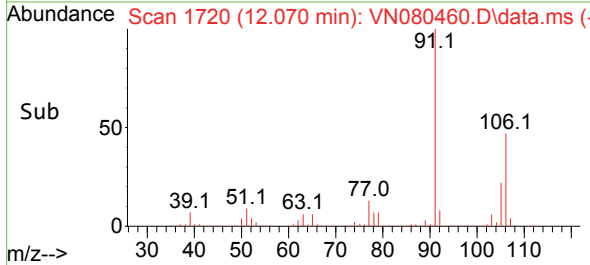
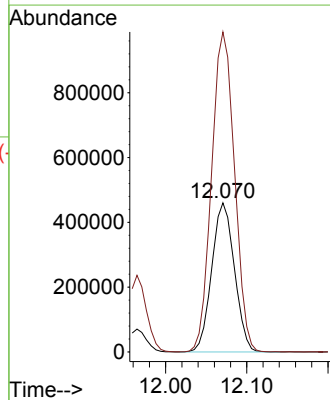
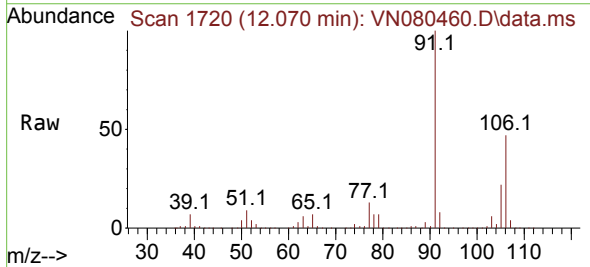
Instrument :
MSVOA_N
ClientSampleId :

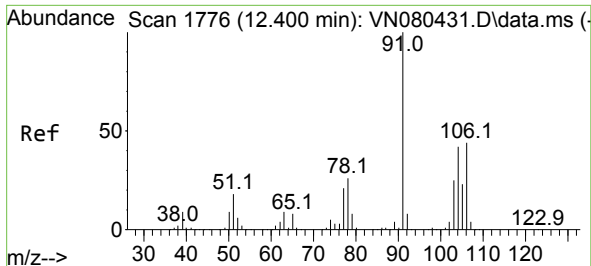
Tgt Ion: 91 Resp: 384431
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 150.048 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion:106 Resp: 892666
Ion Ratio Lower Upper
106 100
91 217.7 159.6 239.4





#69

o-Xylene

Concen: 75.068 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

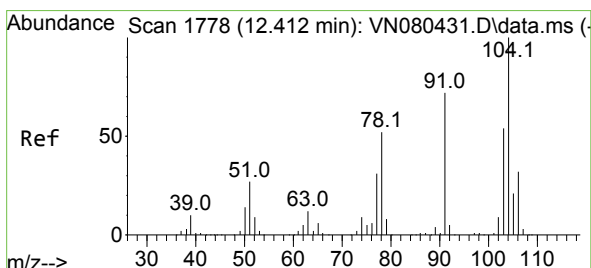
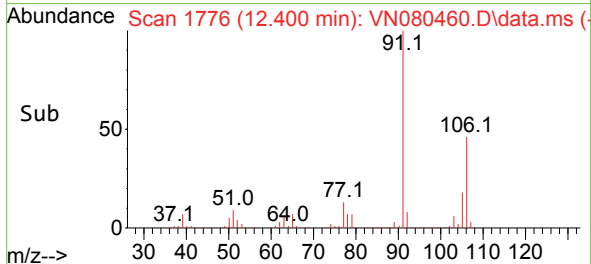
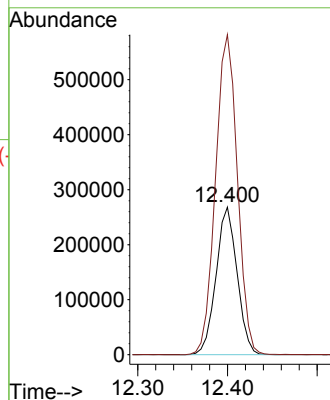
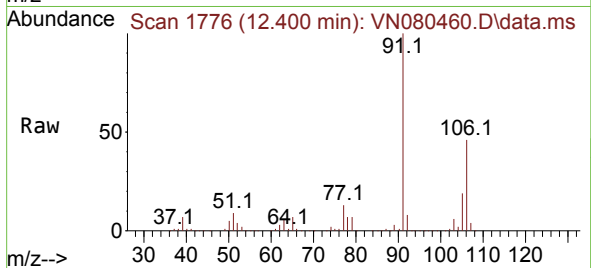
ClientSampleId :

Tgt Ion:106 Resp: 436821

Ion Ratio Lower Upper

106 100

91 225.5 105.2 315.5



#70

Styrene

Concen: 2.964 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.018 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

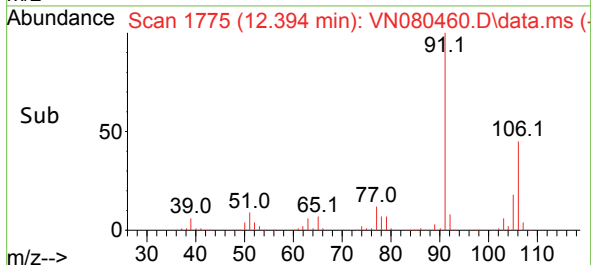
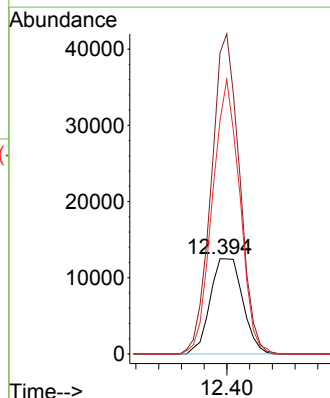
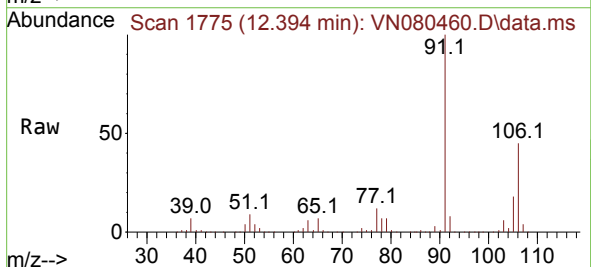
Tgt Ion:104 Resp: 24840

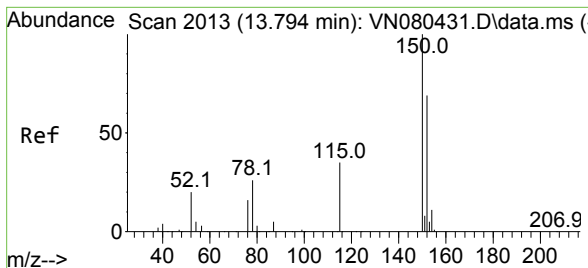
Ion Ratio Lower Upper

104 100

78 291.2 39.5 59.3#

103 242.5 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :

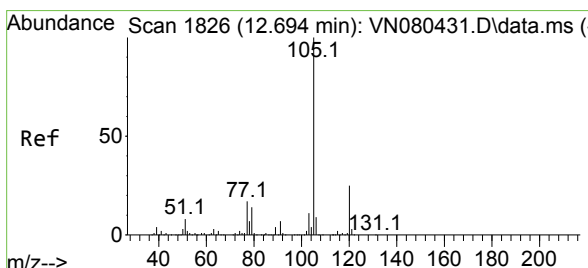
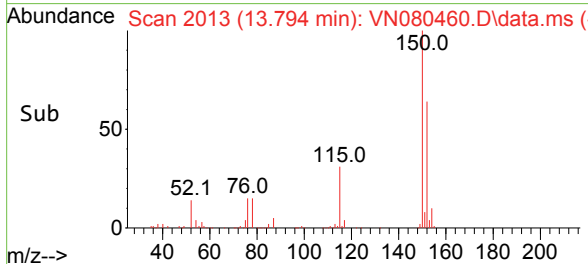
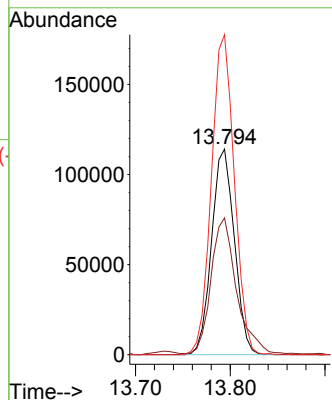
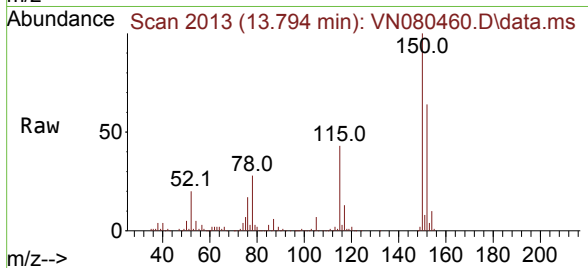
Tgt Ion:152 Resp: 190589

Ion Ratio Lower Upper

152 100

115 74.0 32.3 96.8

150 156.6 0.0 355.8



#73

Isopropylbenzene

Concen: 11.036 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080460.D

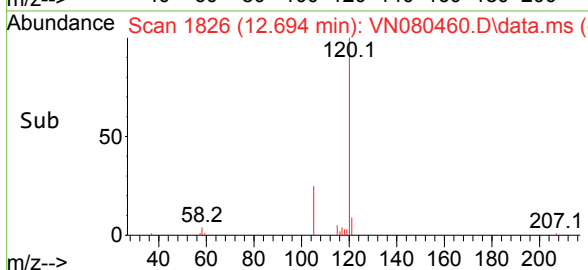
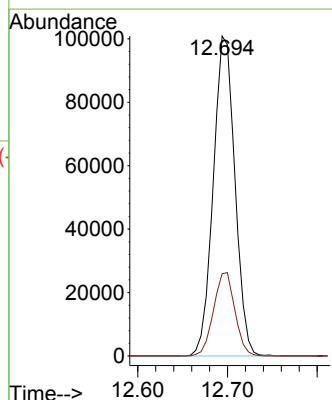
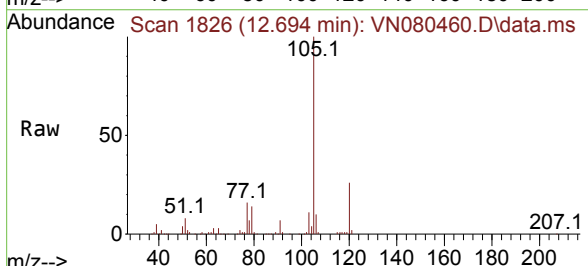
Acq: 13 Dec 2023 14:30

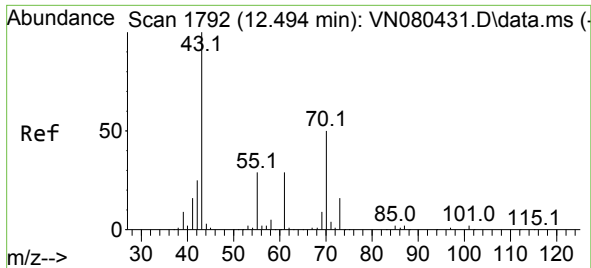
Tgt Ion:105 Resp: 168971

Ion Ratio Lower Upper

105 100

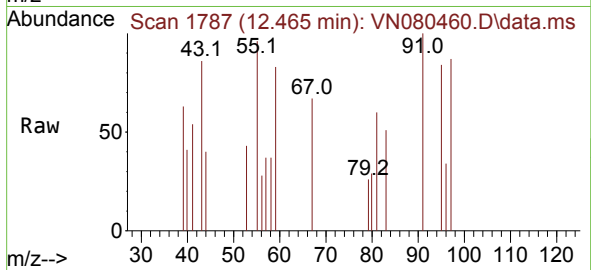
120 25.7 13.1 39.1



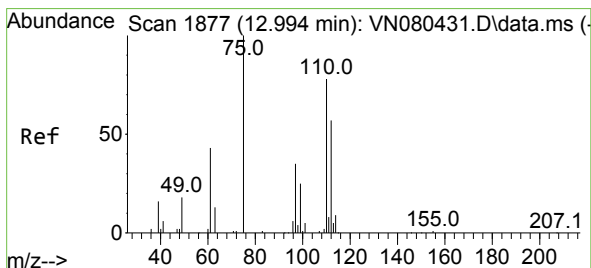
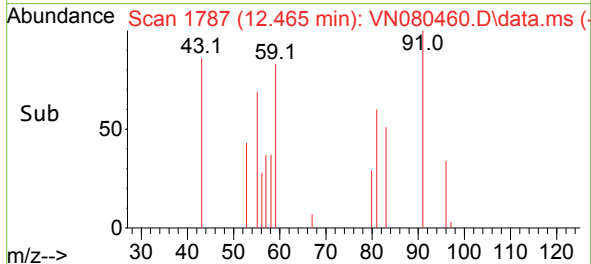
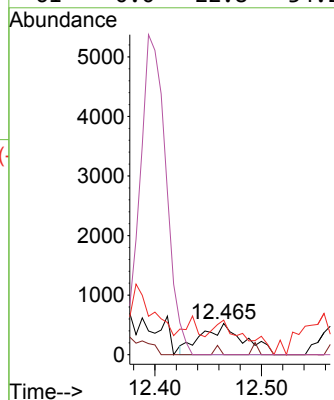


#74
N-amy1 acetate
Concen: 0.316 ug/l
RT: 12.465 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

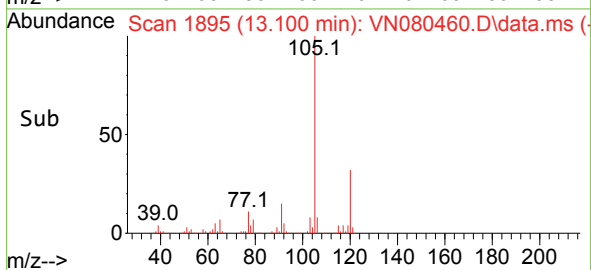
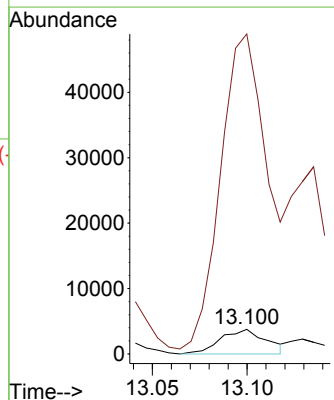
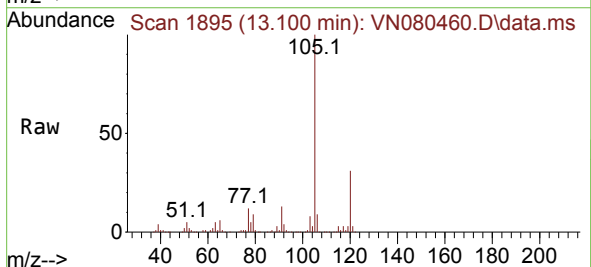


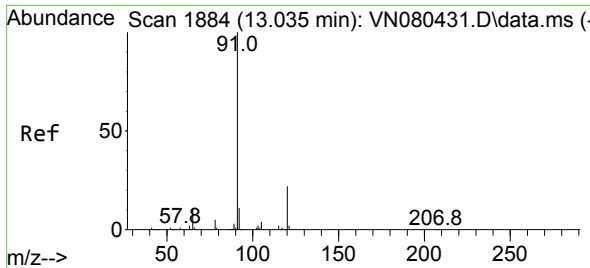
Tgt Ion:	43	Resp:	1414
Ion Ratio	100	Lower	Upper
43	100		
70	3.9	43.4	65.2#
55	86.7	21.4	32.0#
61	0.0	22.8	34.2#



#76
1,2,3-Trichloropropane
Concen: 1.664 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.106 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion:	75	Resp:	6325
Ion Ratio	100	Lower	Upper
75	100		
77	1303.0	84.5	253.5#

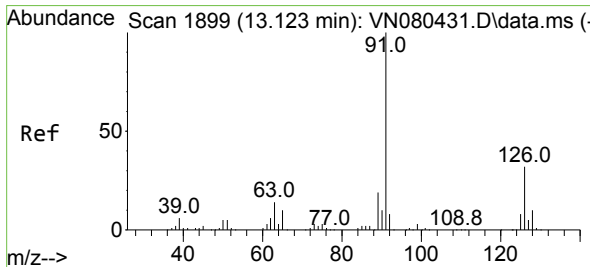
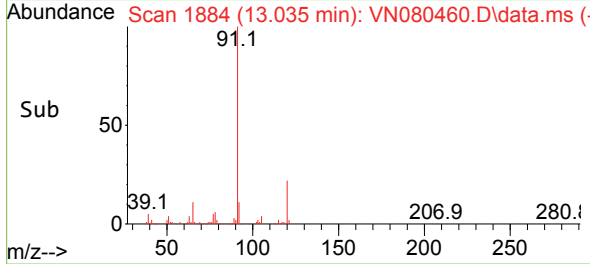
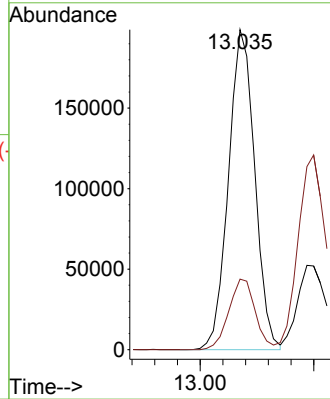
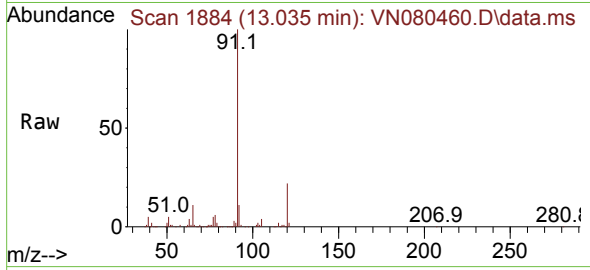




#78
n-propylbenzene
Concen: 18.904 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

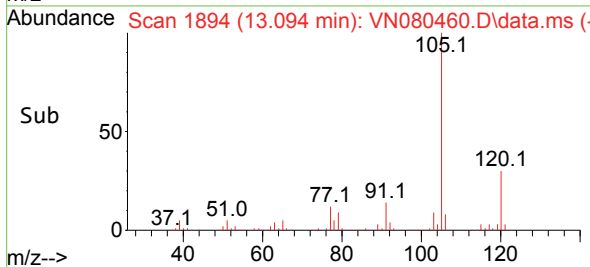
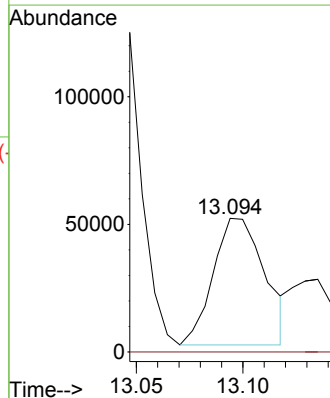
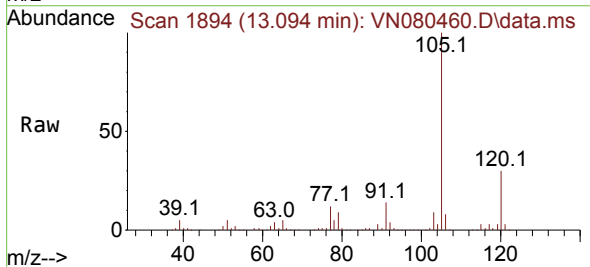
Instrument :
MSVOA_N
ClientSampleId :

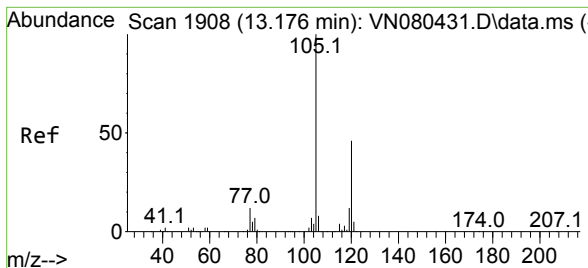
Tgt Ion: 91 Resp: 319122
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 7.585 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 91 Resp: 83588
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 18.801 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

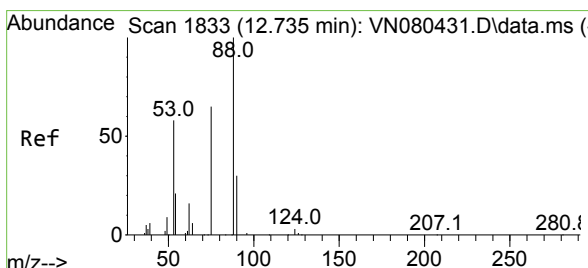
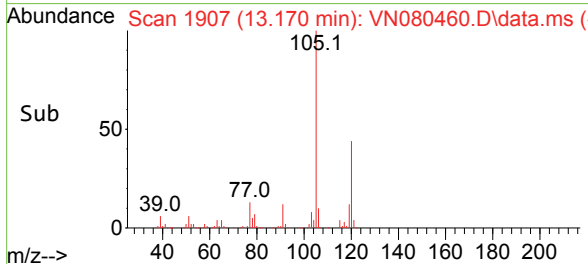
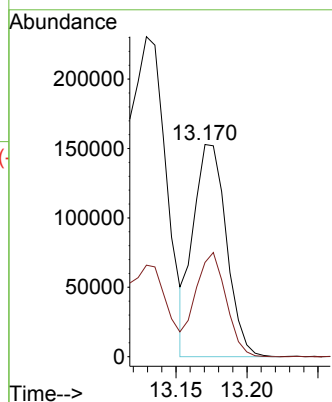
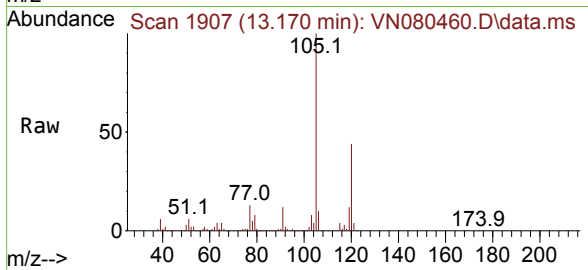
ClientSampleId :

Tgt Ion:105 Resp: 247915

Ion Ratio Lower Upper

105 100

120 45.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 77.791 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

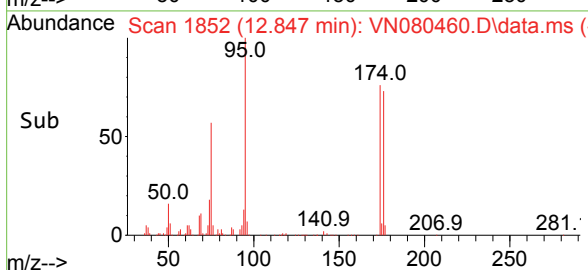
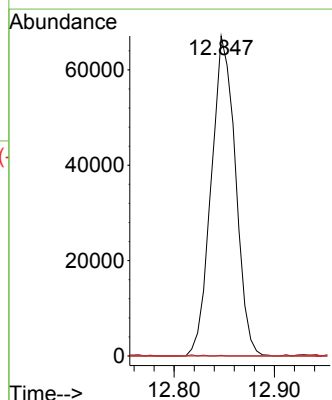
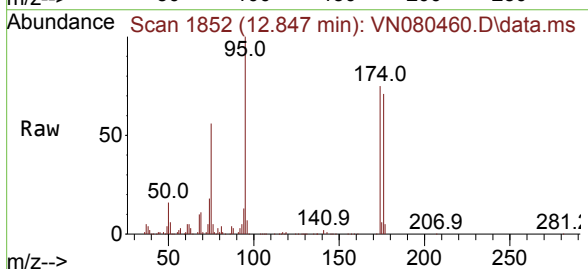
Tgt Ion: 75 Resp: 112651

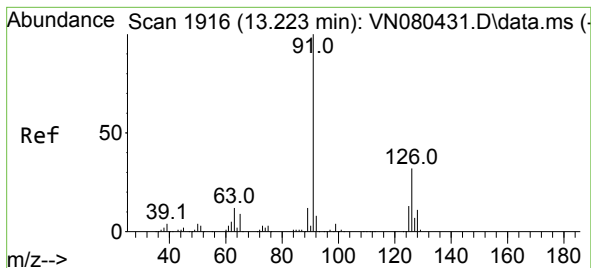
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

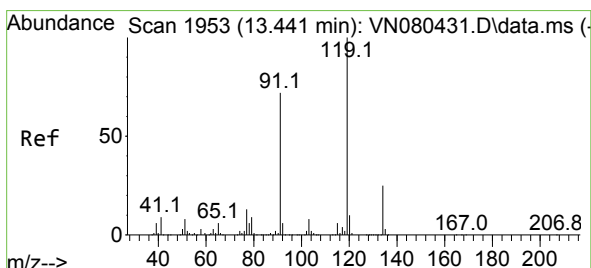
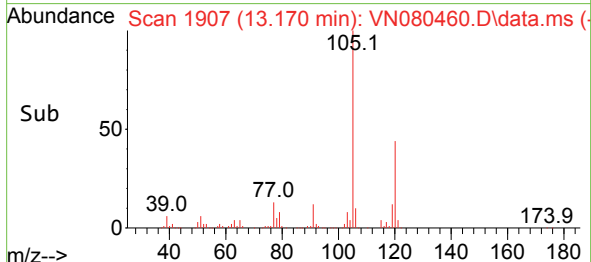
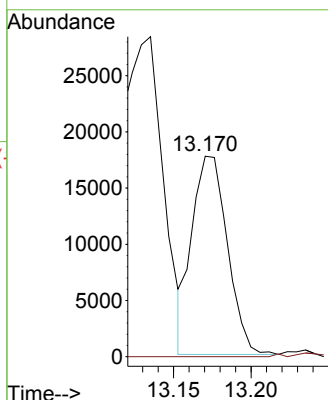
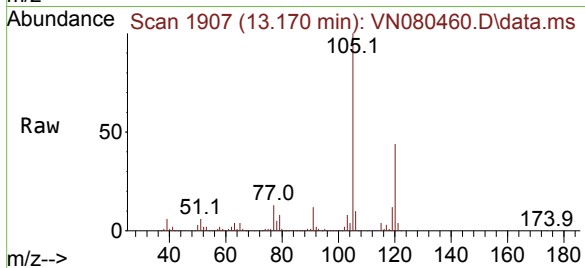




#82
4-Chlorotoluene
Concen: 2.478 ug/l
RT: 13.170 min Scan# 1916
Delta R.T. -0.053 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

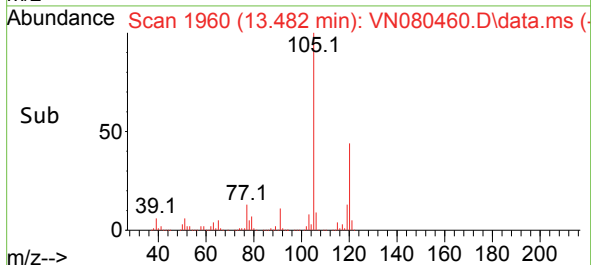
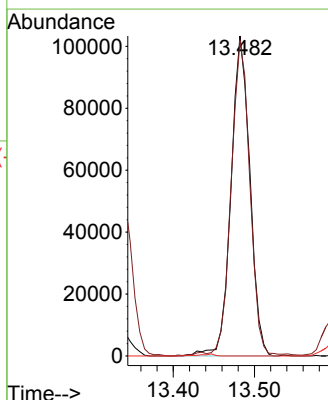
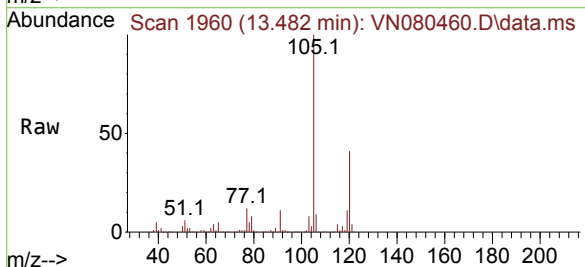
Instrument :
MSVOA_N
ClientSampleId :

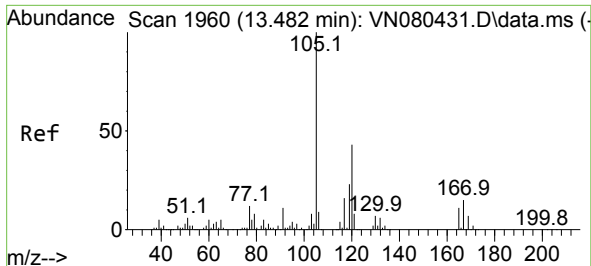
Tgt Ion: 91 Resp: 28076
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 15.448 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion: 119 Resp: 166818
Ion Ratio Lower Upper
119 100
91 98.5 33.9 101.7
134 0.0 13.2 39.6#

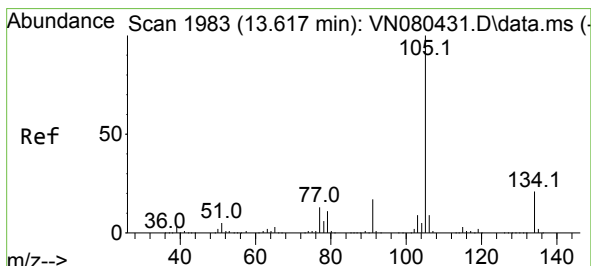
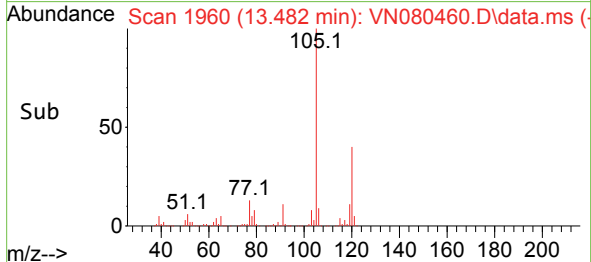
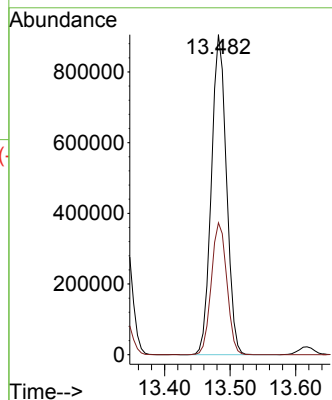
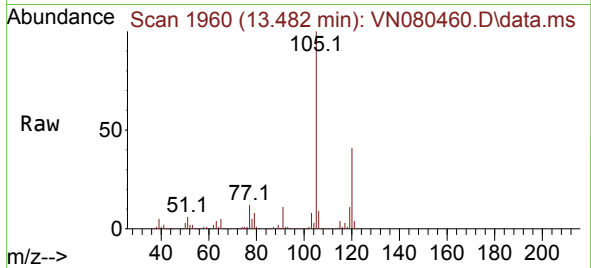




#84
1,2,4-Trimethylbenzene
Concen: 110.145 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

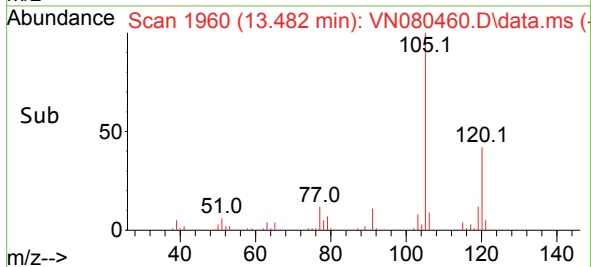
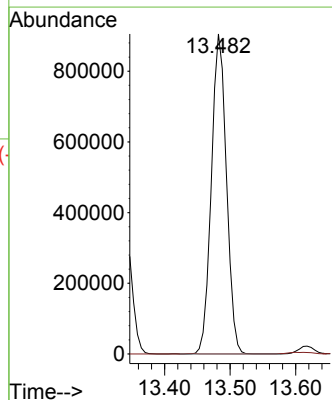
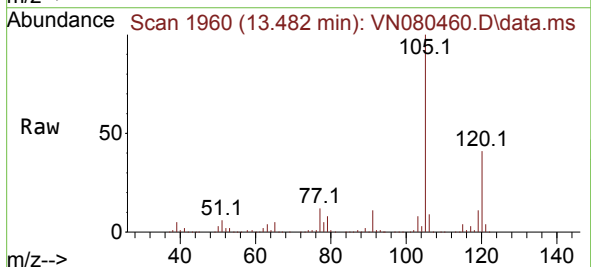
Instrument :
MSVOA_N
ClientSampleId :

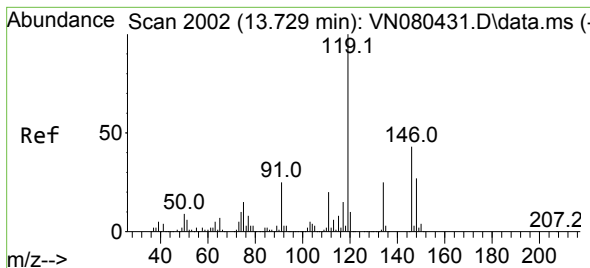
Tgt Ion:105 Resp: 1444879
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 104.605 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN080460.D
Acq: 13 Dec 2023 14:30

Tgt Ion:105 Resp: 1445030
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 2.568 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :

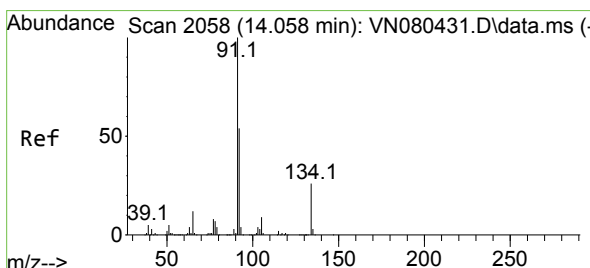
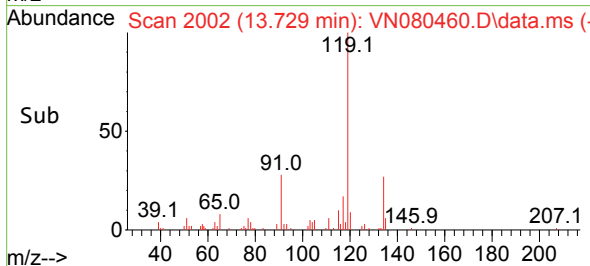
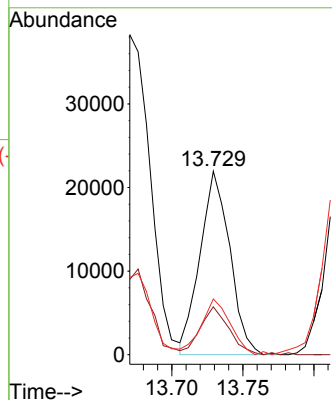
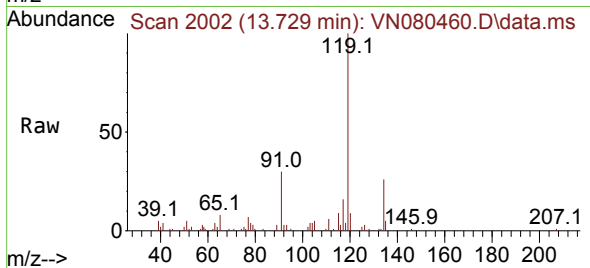
Tgt Ion:119 Resp: 32034

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 29.7 12.4 37.2



#89

n-Butylbenzene

Concen: 3.955 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

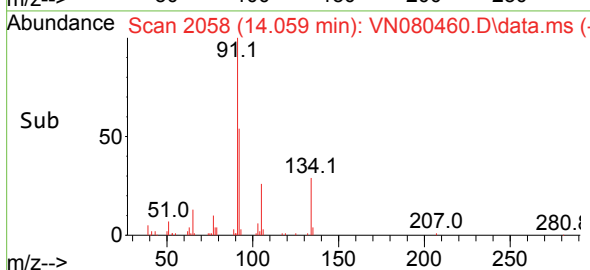
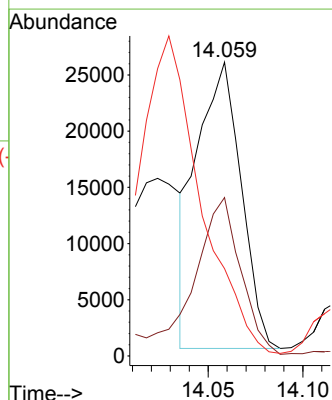
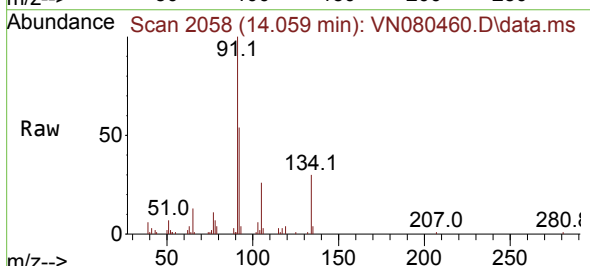
Tgt Ion: 91 Resp: 41193

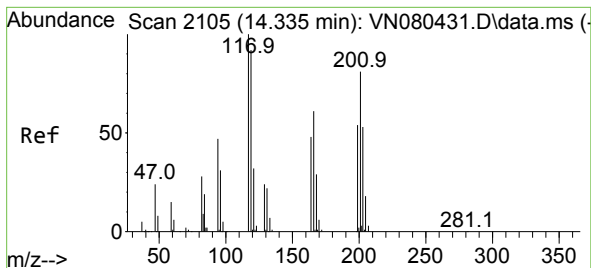
Ion Ratio Lower Upper

91 100

92 56.3 26.4 79.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 18.142 ug/l

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Instrument :

MSVOA_N

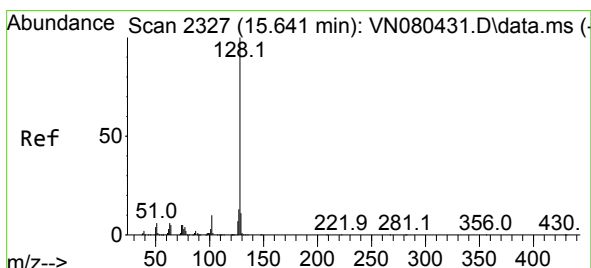
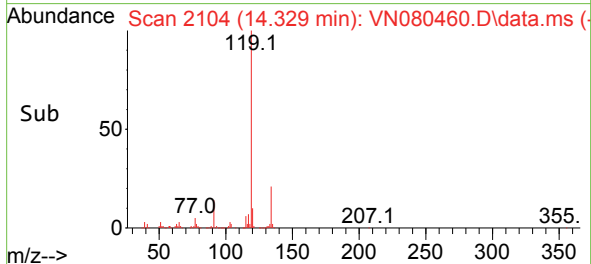
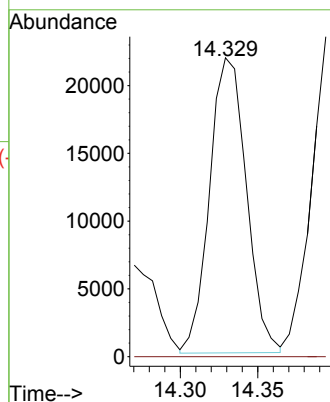
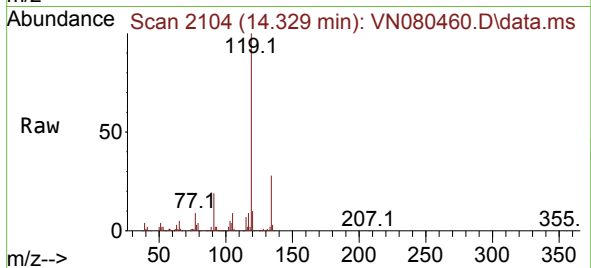
ClientSampleId :

Tgt Ion:117 Resp: 35938

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 46.459 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080460.D

Acq: 13 Dec 2023 14:30

Tgt Ion:128 Resp: 493575

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.5 8.7 13.1

