

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080437.D
 Acq On : 12 Dec 2023 14:55
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 02:31:16 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	8.224	168	343828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	538436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	476299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227306	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	256573	58.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.860%	
35) Dibromofluoromethane	8.165	113	199581	58.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.920%	
50) Toluene-d8	10.565	98	741678	58.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.500%#	
62) 4-Bromofluorobenzene	12.847	95	270437	55.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	207301	47.180	ug/l	96
3) Chloromethane	2.360	50	207624	44.673	ug/l	99
4) Vinyl Chloride	2.512	62	169236	45.101	ug/l	98
5) Bromomethane	2.959	94	74043	43.767	ug/l	97
6) Chloroethane	3.118	64	104913	43.511	ug/l	96
7) Trichlorofluoromethane	3.501	101	357182	46.931	ug/l	98
8) Diethyl Ether	3.954	74	111989	46.716	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	172996	47.957	ug/l	95
10) Methyl Iodide	4.589	142	143332	45.172	ug/l	90
11) Tert butyl alcohol	5.500	59	113497	219.447	ug/l	99
12) 1,1-Dichloroethene	4.342	96	169624	45.891	ug/l	90
13) Acrolein	4.171	56	126149	222.721	ug/l	97
14) Allyl chloride	5.018	41	205772	44.996	ug/l	95
15) Acrylonitrile	5.712	53	346472	237.089	ug/l	99
16) Acetone	4.418	43	213570	274.280	ug/l	97
17) Carbon Disulfide	4.712	76	462288	44.132	ug/l	100
18) Methyl Acetate	5.012	43	233101	46.525	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	584371	47.387	ug/l	100
20) Methylene Chloride	5.271	84	186726	44.810	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	182946	45.647	ug/l #	79
22) Diisopropyl ether	6.671	45	463727	46.983	ug/l	91
23) Vinyl Acetate	6.600	43	1324299	233.611	ug/l	96
24) 1,1-Dichloroethane	6.559	63	322841	46.881	ug/l	99
25) 2-Butanone	7.477	43	365916	243.941	ug/l	94
26) 2,2-Dichloropropane	7.489	77	328663	46.674	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	211397	46.598	ug/l	92
28) Bromochloromethane	7.812	49	132851	50.246	ug/l	99
29) Tetrahydrofuran	7.836	42	245519	228.573	ug/l	92
30) Chloroform	7.959	83	358993	46.964	ug/l	91
31) Cyclohexane	8.259	56	257889	43.183	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	351526	46.969	ug/l	97
36) 1,1-Dichloropropene	8.371	75	264552	47.394	ug/l	97
37) Ethyl Acetate	7.553	43	156899	44.887	ug/l	98
38) Carbon Tetrachloride	8.359	117	311963	46.773	ug/l	99
39) Methylcyclohexane	9.600	83	264512	45.615	ug/l	90
40) Benzene	8.606	78	746082	46.287	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	92516	45.910	ug/l	94
42) 1,2-Dichloroethane	8.671	62	283551	47.504	ug/l	97
43) Isopropyl Acetate	8.688	43	289119	46.002	ug/l	97
44) Trichloroethene	9.353	130	200530	46.148	ug/l	100
45) 1,2-Dichloropropane	9.618	63	173656	45.871	ug/l	98
46) Dibromomethane	9.706	93	127327	46.833	ug/l #	90
47) Bromodichloromethane	9.888	83	283836	48.713	ug/l	100
48) Methyl methacrylate	9.677	41	172393	45.965	ug/l	91
49) 1,4-Dioxane	9.688	88	45976	808.754	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	798726	230.756	ug/l	100
52) Toluene	10.630	92	481149	47.252	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	303815	48.192	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	322483	47.858	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	176131	48.071	ug/l	97
56) Ethyl methacrylate	10.871	69	195642	48.229	ug/l	91
57) 1,3-Dichloropropane	11.165	76	298786	46.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	561265	219.169	ug/l	99
59) 2-Hexanone	11.194	43	575178	225.090	ug/l	100
60) Dibromochloromethane	11.359	129	207252	47.736	ug/l	100
61) 1,2-Dibromoethane	11.471	107	176822	46.629	ug/l	99
64) Tetrachloroethene	11.106	164	174250	47.383	ug/l	93
65) Chlorobenzene	11.894	112	503381	47.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	194677	46.826	ug/l	94
67) Ethyl Benzene	11.965	91	919488	47.196	ug/l	97
68) m/p-Xylenes	12.071	106	686698	95.386	ug/l	90
69) o-Xylene	12.400	106	330287	46.905	ug/l	89
70) Styrene	12.412	104	491973	48.504	ug/l	94
71) Bromoform	12.582	173	137611	45.389	ug/l #	100
73) Isopropylbenzene	12.694	105	865586	47.403	ug/l	98
74) N-amyl acetate	12.494	43	244908	45.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	215596	44.062	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	300758	66.324	ug/l	81
77) Bromobenzene	12.982	156	206626	45.999	ug/l	96
78) n-propylbenzene	13.035	91	958208	47.594	ug/l	99
79) 2-Chlorotoluene	13.124	91	613532	46.678	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	735213	46.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	73105	42.328	ug/l	87
82) 4-Chlorotoluene	13.224	91	635416	47.032	ug/l	95
83) tert-Butylbenzene	13.441	119	597466	46.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	741812	47.415	ug/l	99
85) sec-Butylbenzene	13.618	105	769403	46.700	ug/l	99
86) p-Isopropyltoluene	13.729	119	705370	47.416	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	368831	46.603	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	368710	46.152	ug/l	99
89) n-Butylbenzene	14.059	91	588713	47.388	ug/l	99
90) Hexachloroethane	14.335	117	108081	45.748	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	354036	47.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46995	45.662	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	198019	47.457	ug/l	96
94) Hexachlorobutadiene	15.506	225	105153	44.266	ug/l	98
95) Naphthalene	15.641	128	600598	47.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	186465	46.309	ug/l	97

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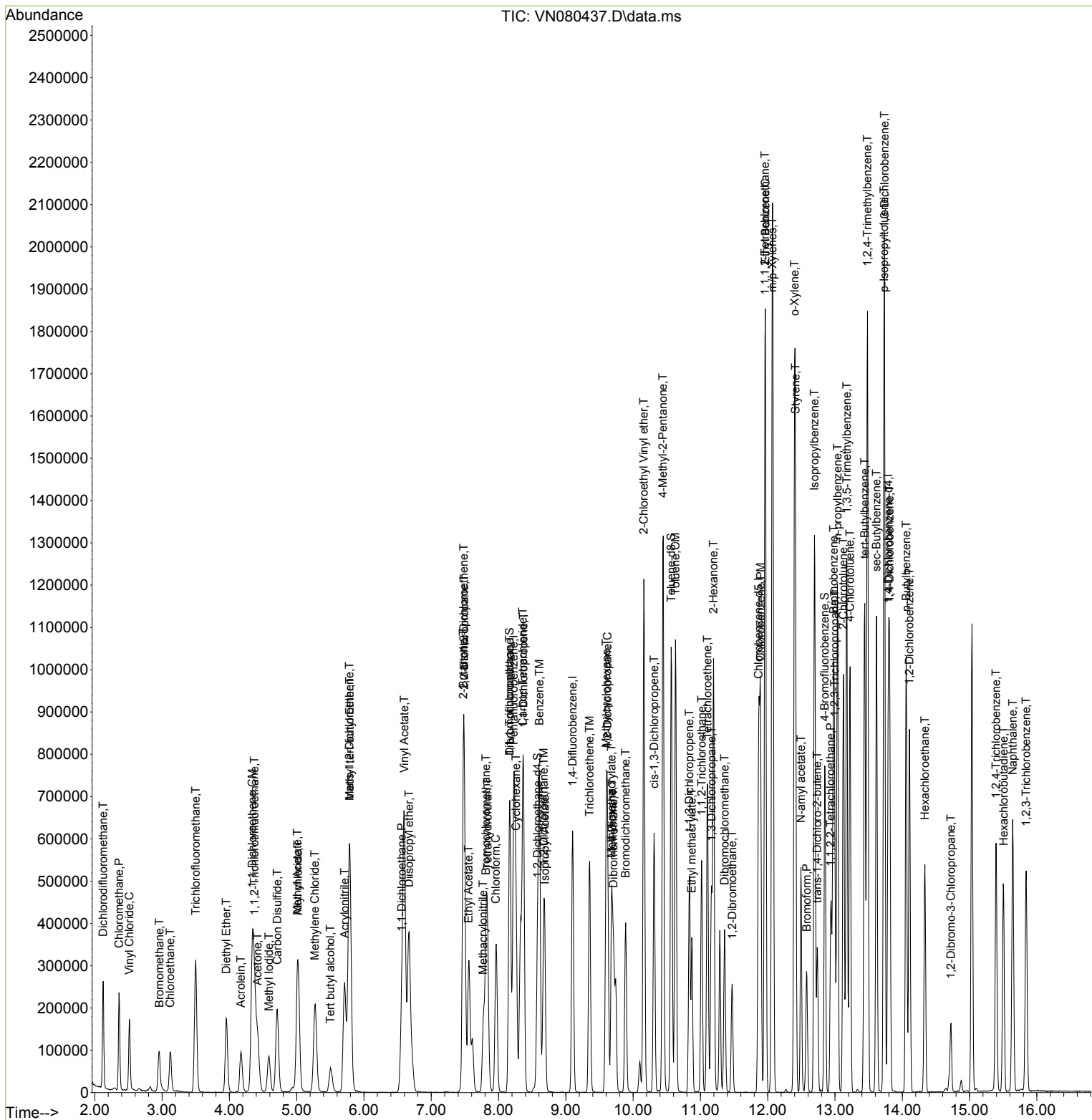
Instrument :
MSVOA_N
ClientSampleId :

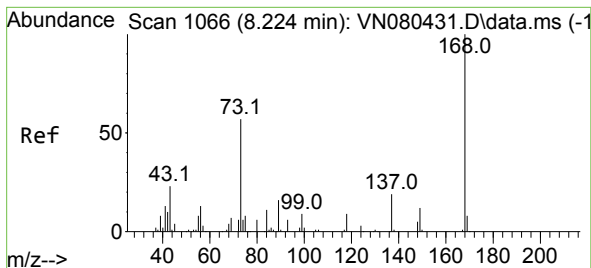
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

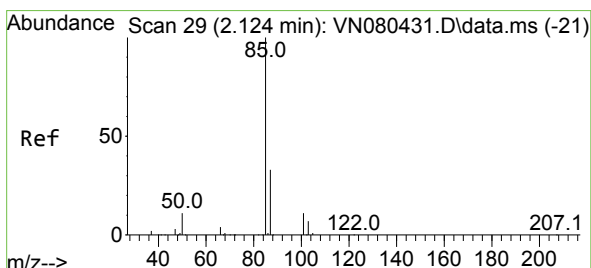
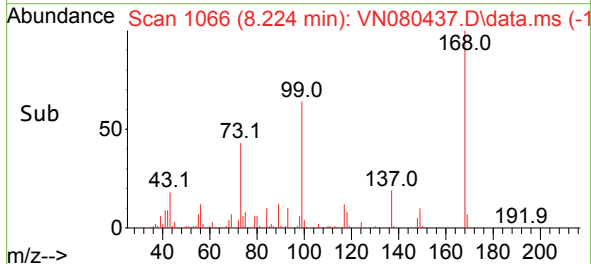
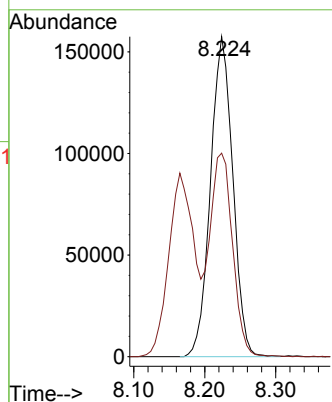
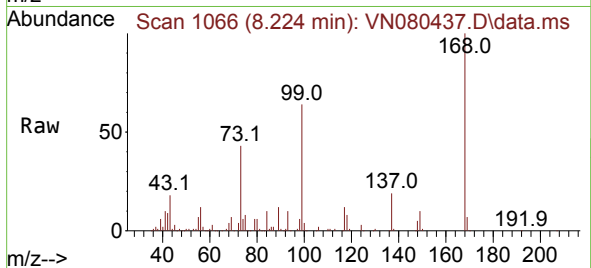
ClientSampleId :

Tgt Ion:168 Resp: 343828

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 47.180 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080437.D

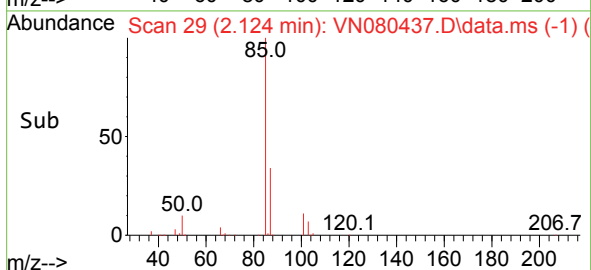
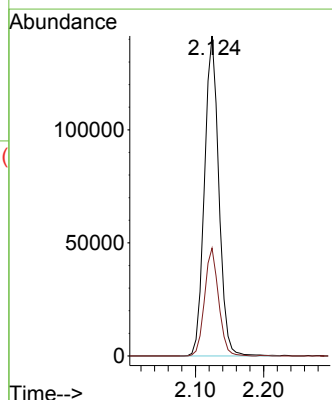
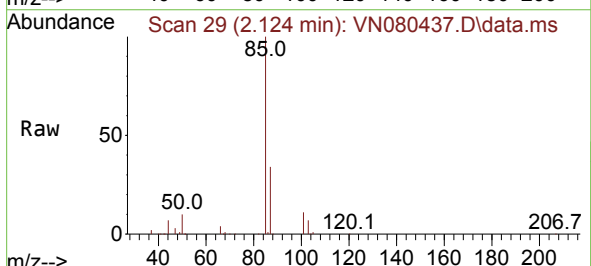
Acq: 12 Dec 2023 14:55

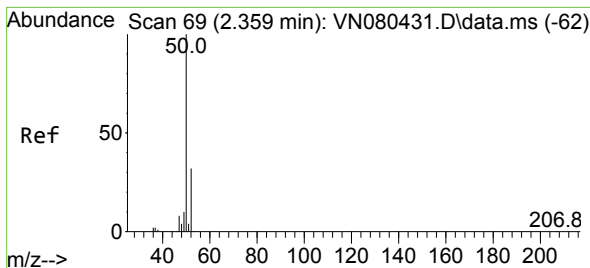
Tgt Ion: 85 Resp: 207301

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.4





#3

Chloromethane

Concen: 44.673 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.001 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

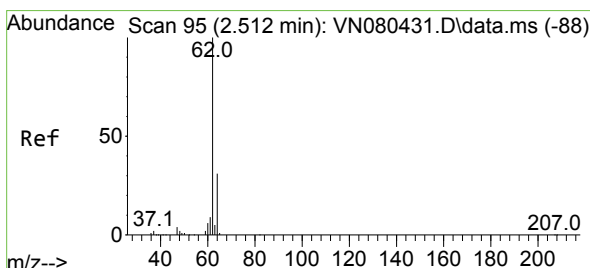
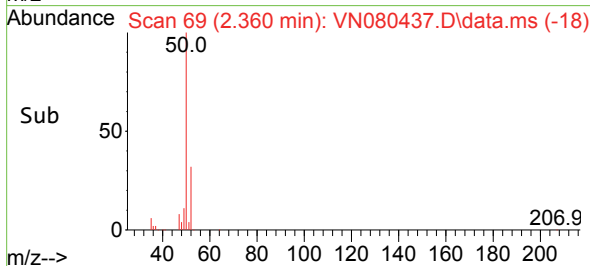
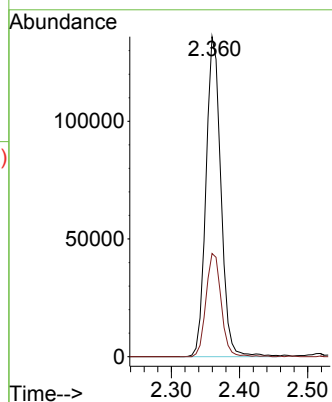
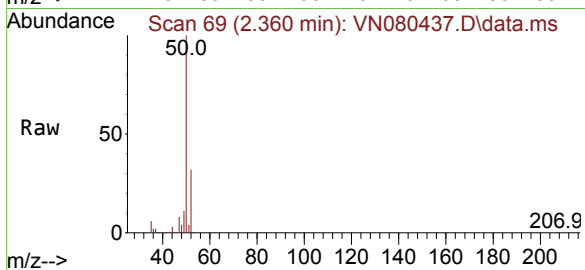
ClientSampleId :

Tgt Ion: 50 Resp: 207624

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 45.101 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080437.D

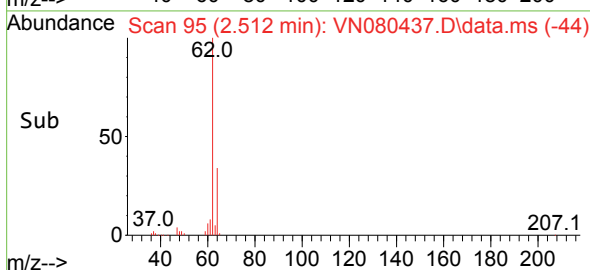
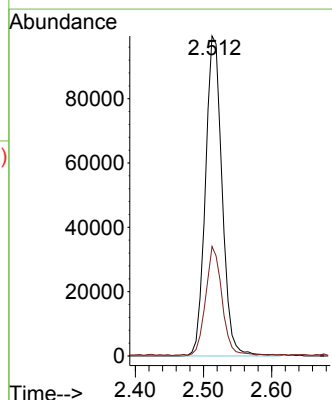
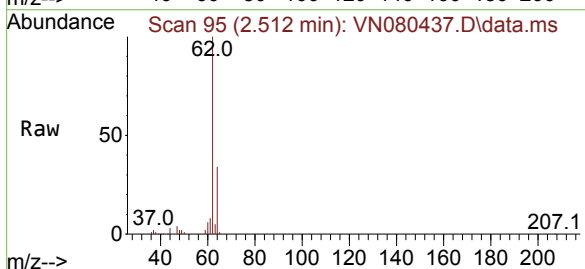
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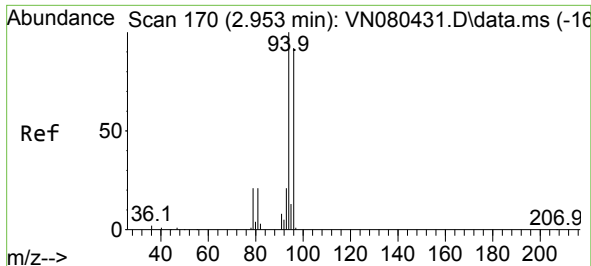
Tgt Ion: 62 Resp: 169236

Ion Ratio Lower Upper

62 100

64 33.9 26.2 39.2

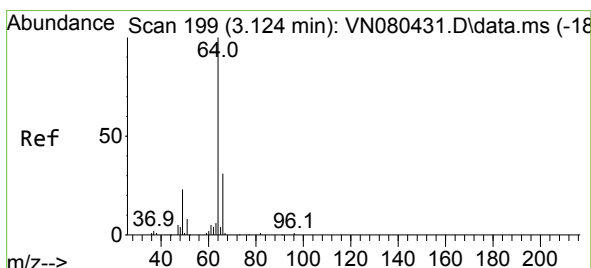
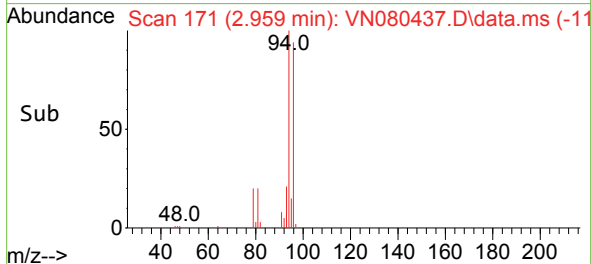
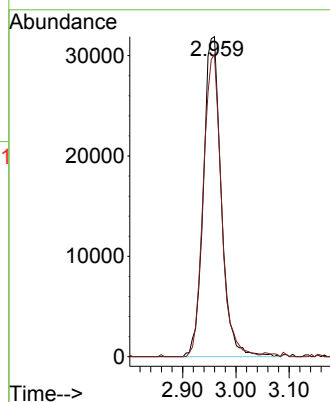
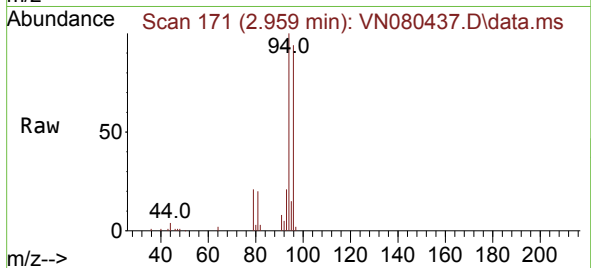




#5
Bromomethane
Concen: 43.767 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080437.D
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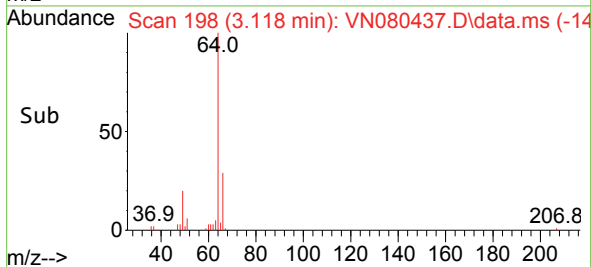
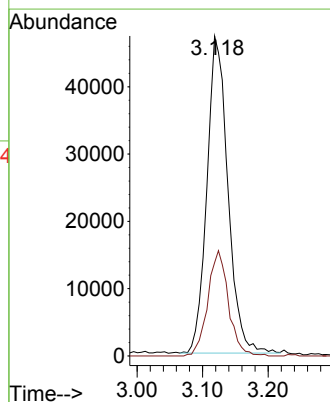
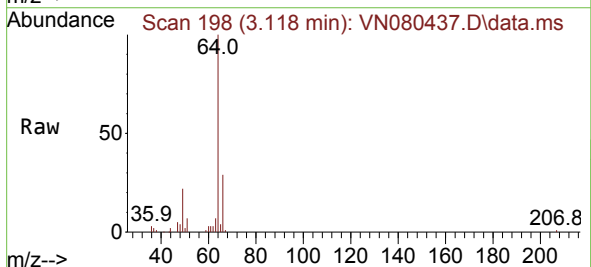
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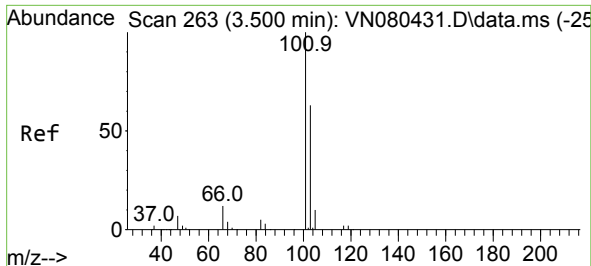
Tgt Ion: 94 Resp: 74043
Ion Ratio Lower Upper
94 100
96 94.5 73.1 109.7



#6
Chloroethane
Concen: 43.511 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 64 Resp: 104913
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2

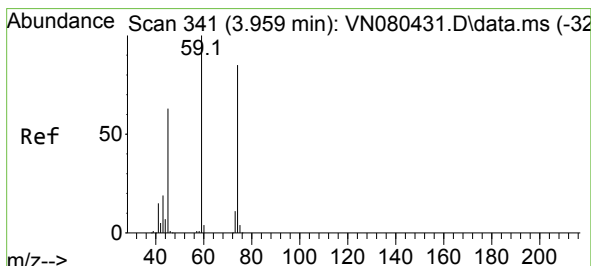
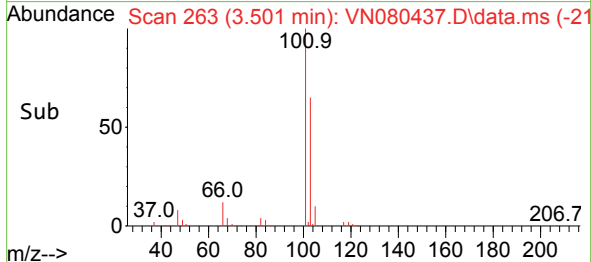
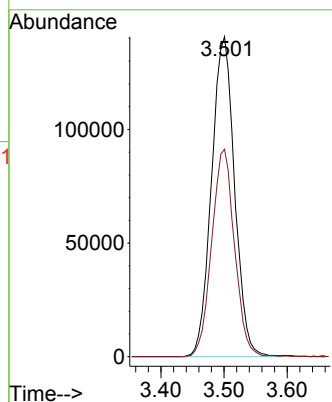
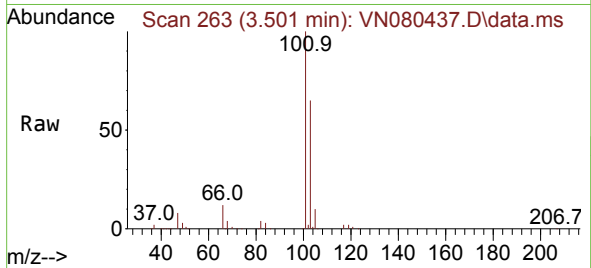




#7
 Trichlorofluoromethane
 Concen: 46.931 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

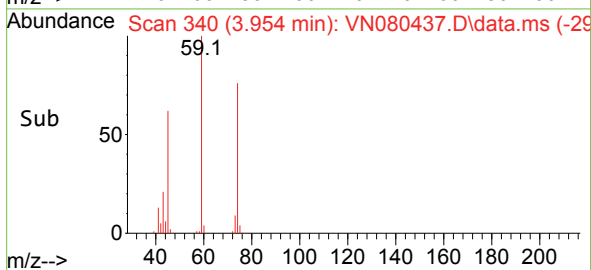
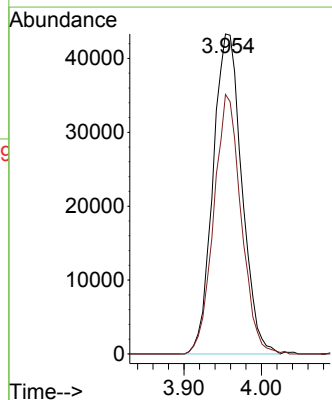
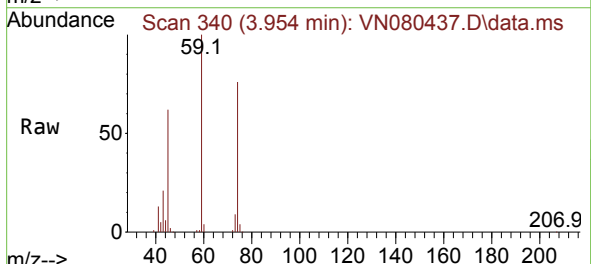
Instrument :
 MSVOA_N
 ClientSampleId :

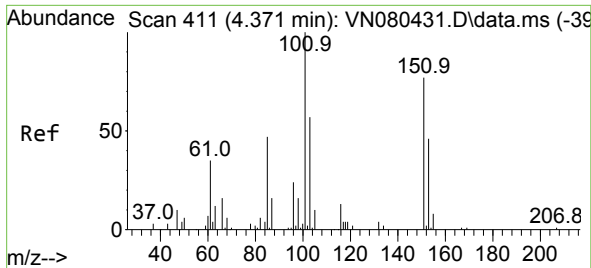
Tgt Ion:101 Resp: 357182
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.716 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

Tgt Ion: 74 Resp: 111989
 Ion Ratio Lower Upper
 74 100
 45 77.0 34.4 103.3

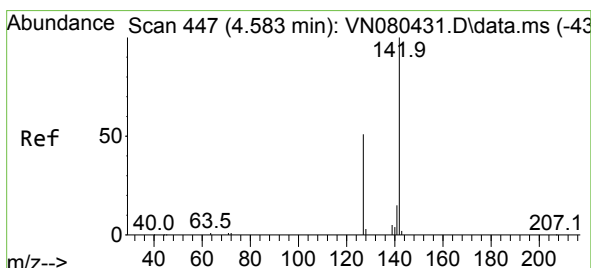
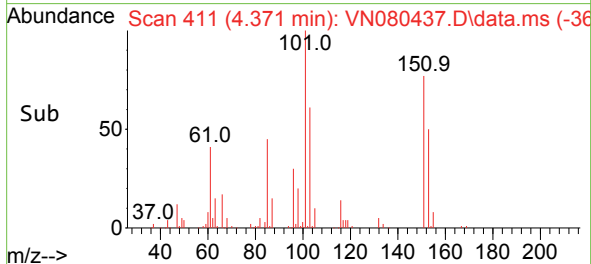
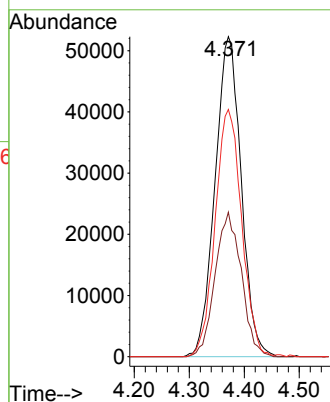
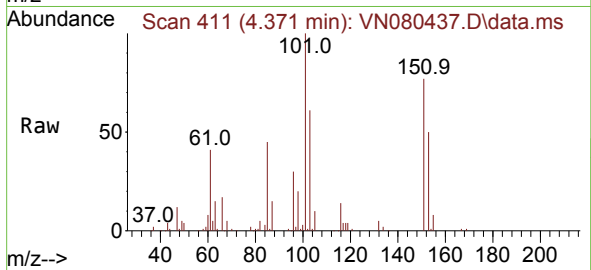




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.957 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

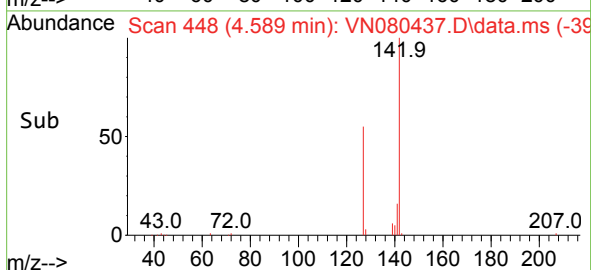
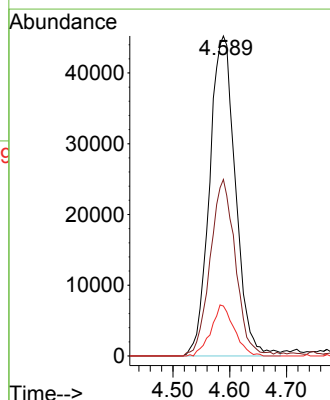
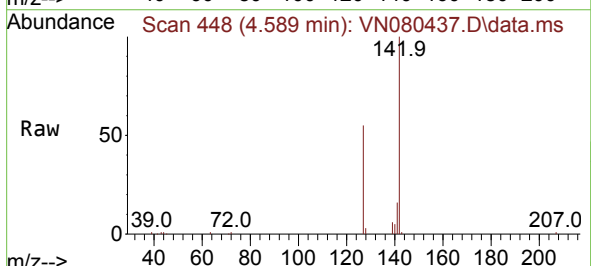
Instrument :
MSVOA_N
ClientSampleId :

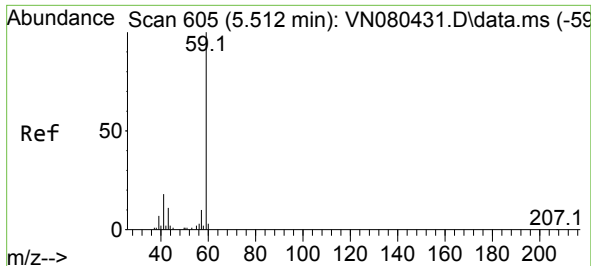
Tgt Ion:101 Resp: 172996
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 78.4 57.6 86.4



#10
Methyl Iodide
Concen: 45.172 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:142 Resp: 143332
Ion Ratio Lower Upper
142 100
127 55.1 37.6 56.4
141 15.6 11.4 17.0

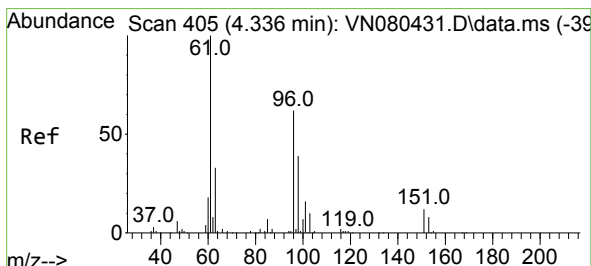
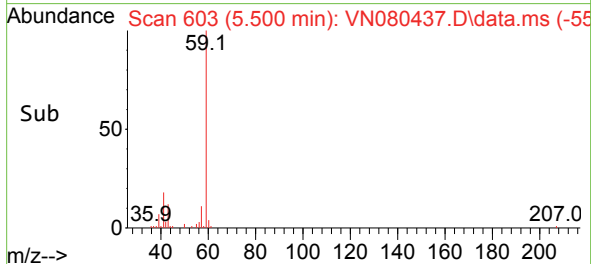
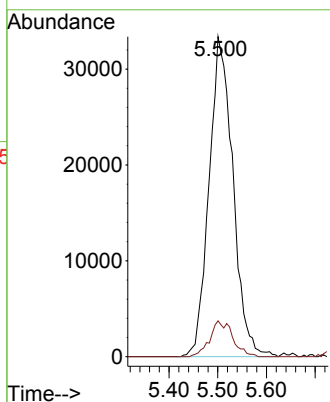
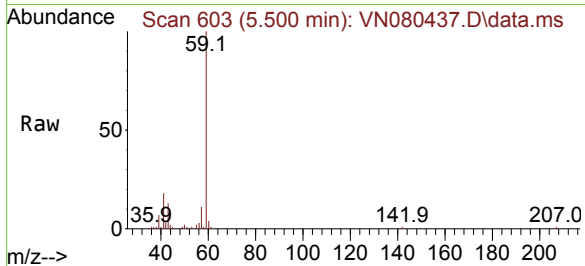




#11
Tert butyl alcohol
Concen: 219.447 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.011 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

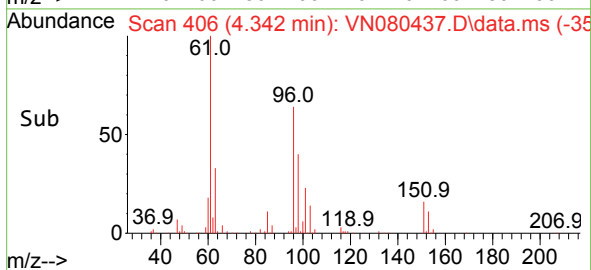
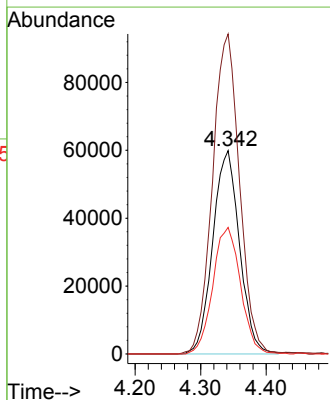
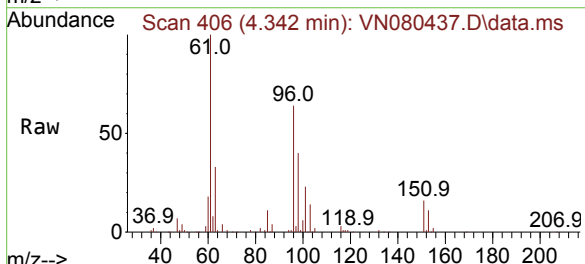
Instrument :
MSVOA_N
ClientSampleId :

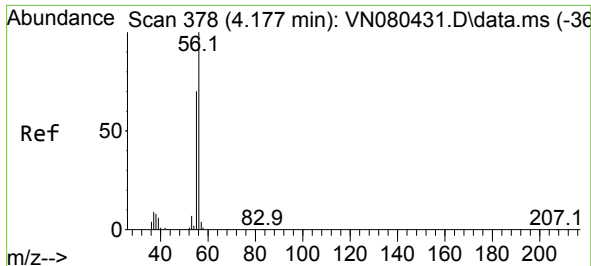
Tgt Ion: 59 Resp: 113497
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.891 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 96 Resp: 169624
Ion Ratio Lower Upper
96 100
61 157.4 112.7 169.1
98 62.3 51.2 76.8





#13

Acrolein

Concen: 222.721 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

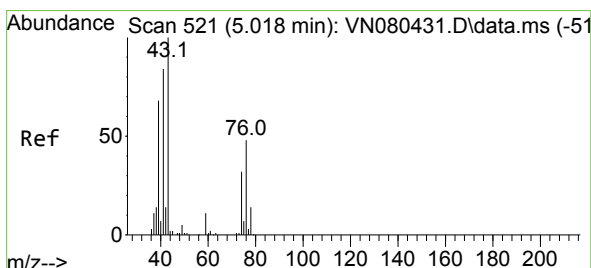
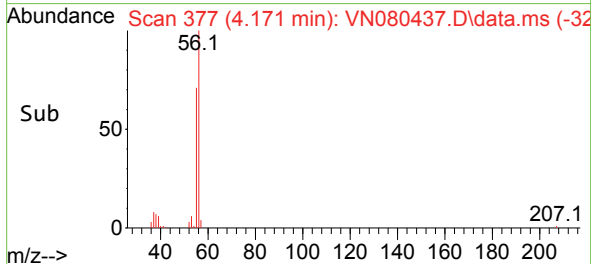
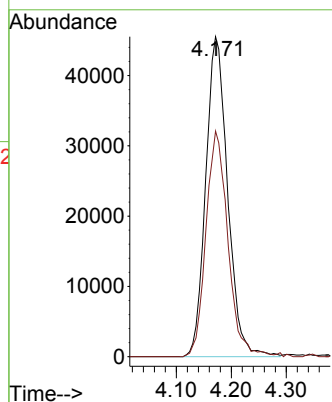
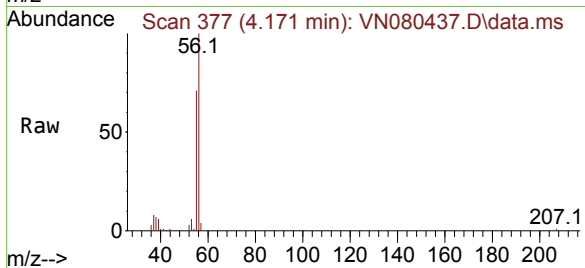
ClientSampleId :

Tgt Ion: 56 Resp: 126149

Ion Ratio Lower Upper

56 100

55 70.5 54.5 81.7



#14

Allyl chloride

Concen: 44.996 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

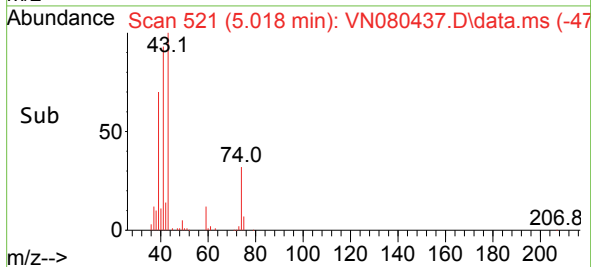
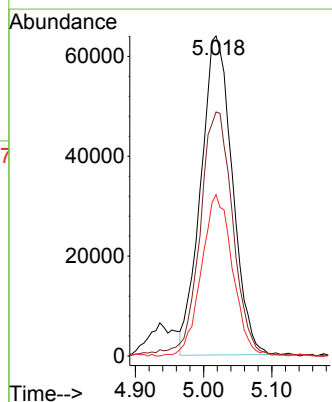
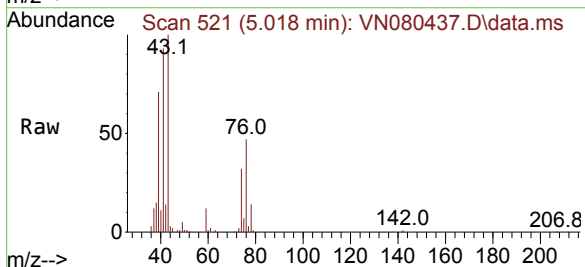
Tgt Ion: 41 Resp: 205772

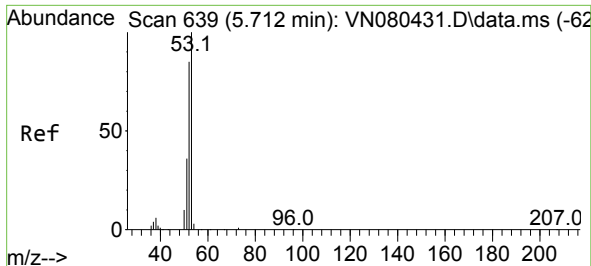
Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

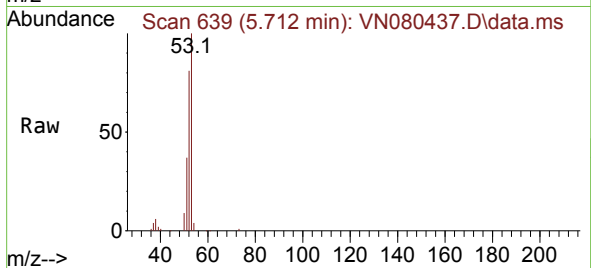
76 50.0 39.1 58.7



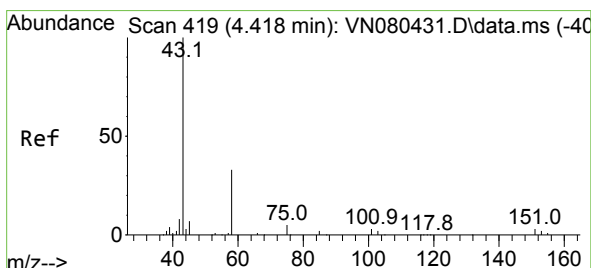
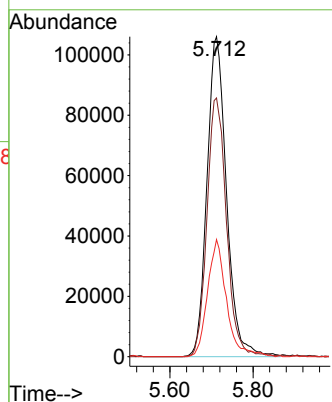
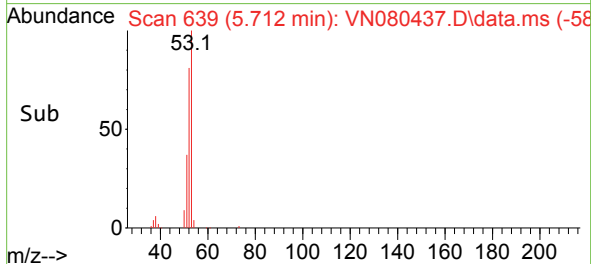


#15
Acrylonitrile
Concen: 237.089 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

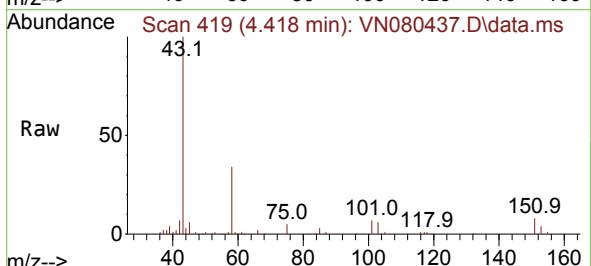
Instrument :
MSVOA_N
ClientSampleId :



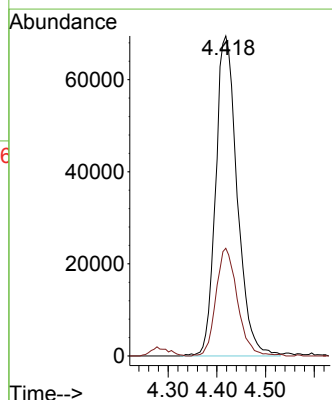
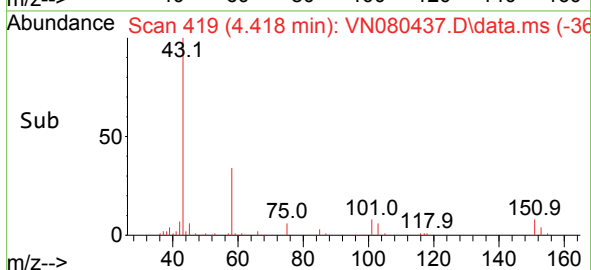
Tgt Ion: 53 Resp: 346472
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 35.6 28.9 43.3

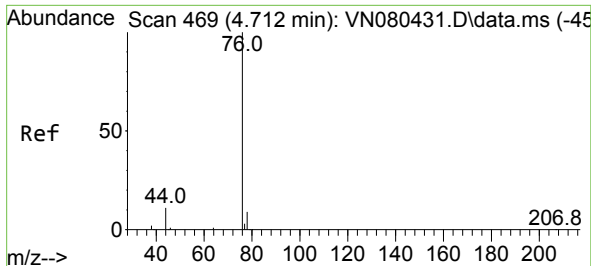


#16
Acetone
Concen: 274.280 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55



Tgt Ion: 43 Resp: 213570
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0

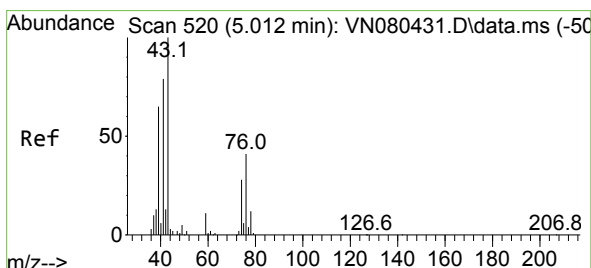
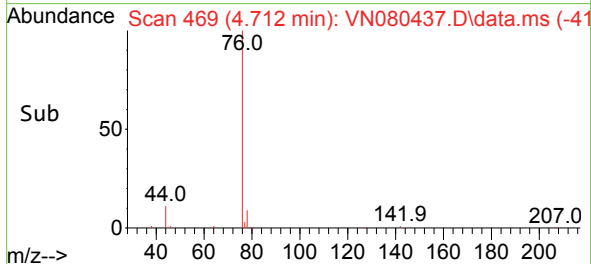
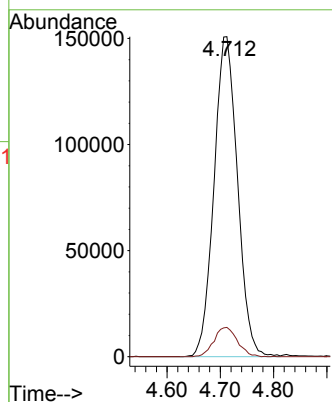
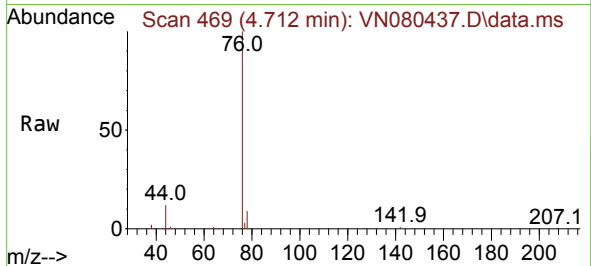




#17
Carbon Disulfide
Concen: 44.132 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

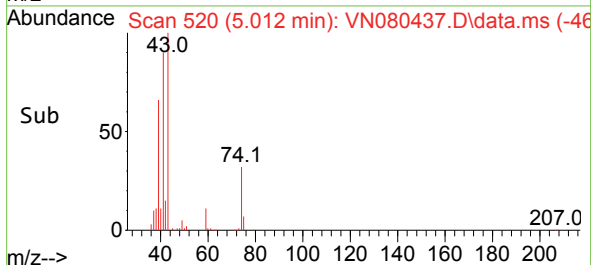
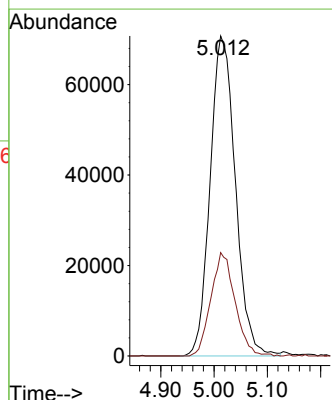
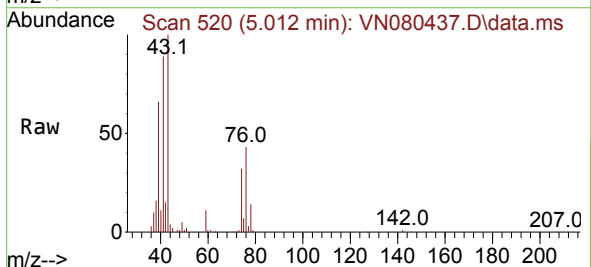
Instrument :
MSVOA_N
ClientSampleId :

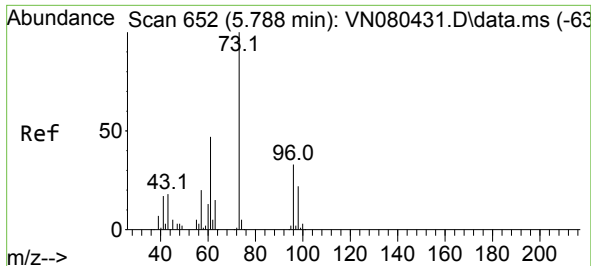
Tgt Ion: 76 Resp: 462288
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 46.525 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 43 Resp: 233101
Ion Ratio Lower Upper
43 100
74 30.9 26.2 39.4

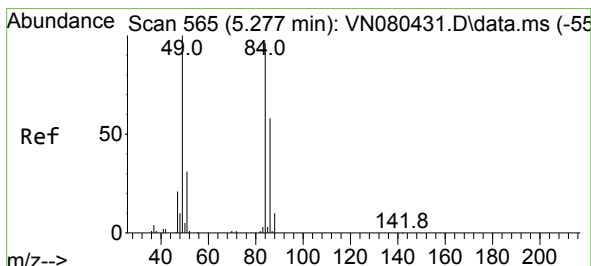
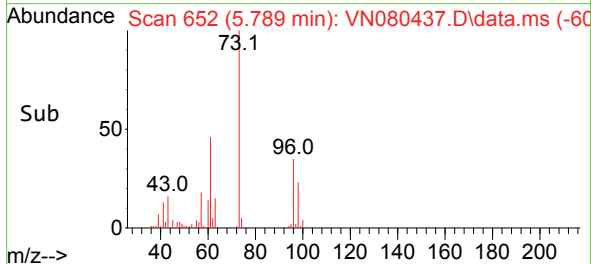
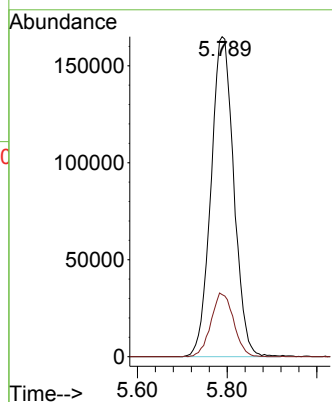
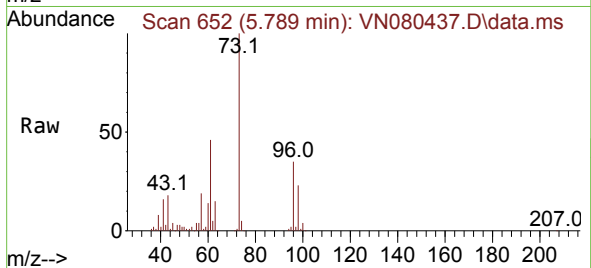




#19
Methyl tert-butyl Ether
Concen: 47.387 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

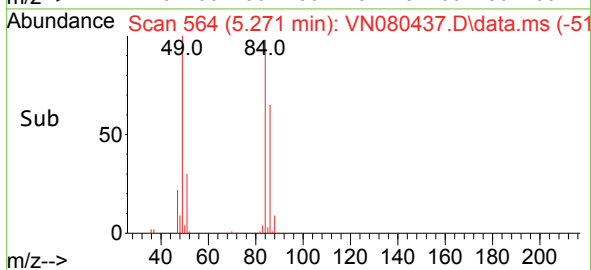
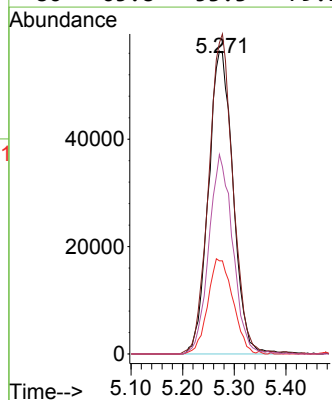
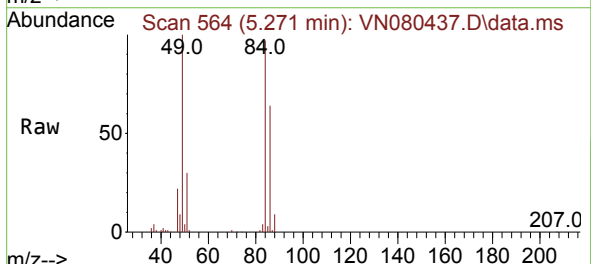
Instrument :
MSVOA_N
ClientSampleId :

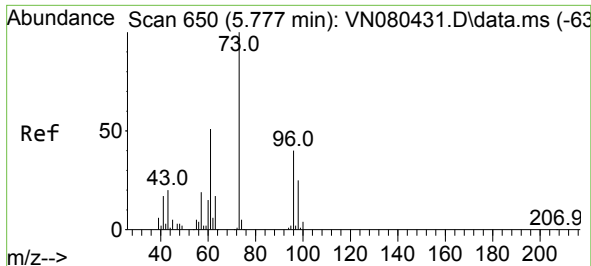
Tgt Ion: 73 Resp: 584371
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4



#20
Methylene Chloride
Concen: 44.810 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 84 Resp: 186726
Ion Ratio Lower Upper
84 100
49 102.7 79.7 119.5
51 30.8 25.2 37.8
86 65.8 53.3 79.9

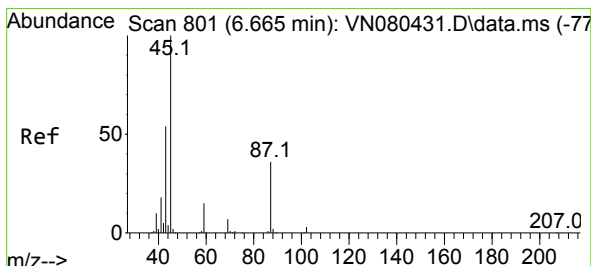
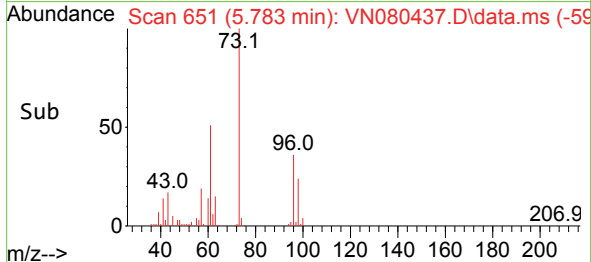
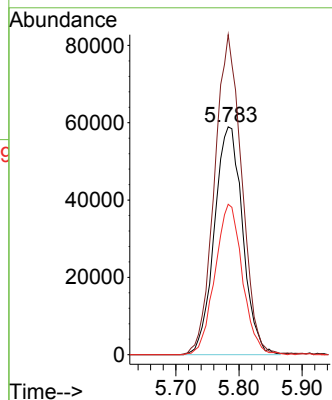
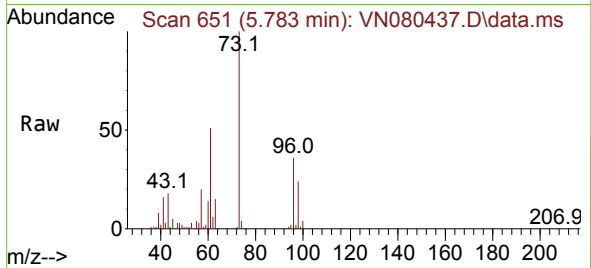




#21
trans-1,2-Dichloroethene
Concen: 45.647 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

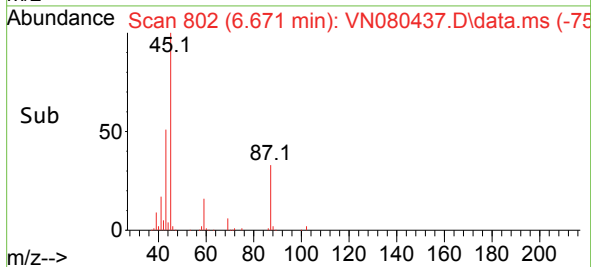
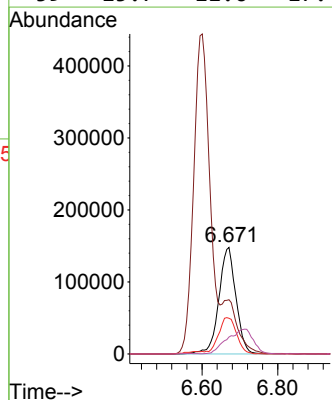
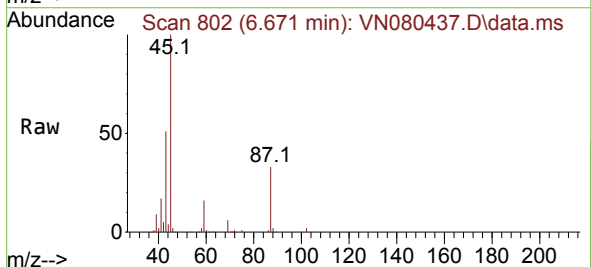
Instrument :
MSVOA_N
ClientSampleId :

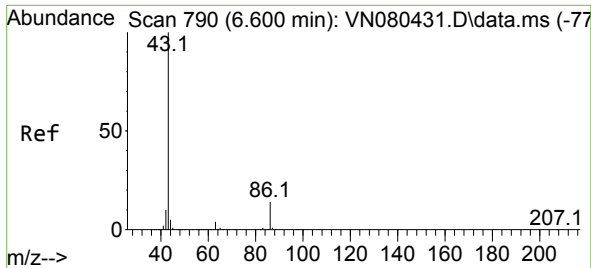
Tgt Ion: 96 Resp: 182946
Ion Ratio Lower Upper
96 100
61 140.5 90.1 135.1#
98 66.0 46.4 69.6



#22
Diisopropyl ether
Concen: 46.983 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 45 Resp: 463727
Ion Ratio Lower Upper
45 100
43 50.4 45.5 68.3
87 33.4 31.8 47.8
59 15.7 11.6 17.4

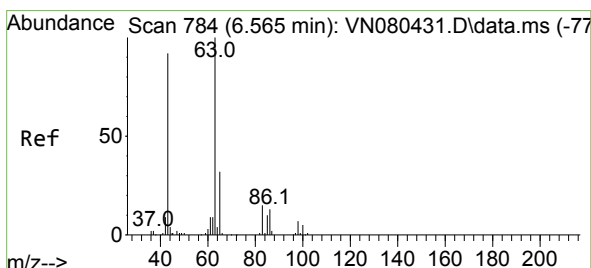
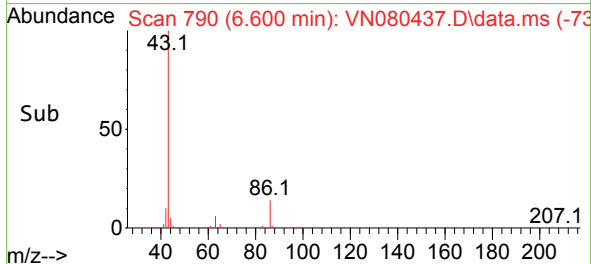
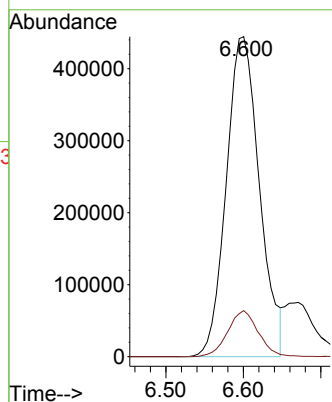
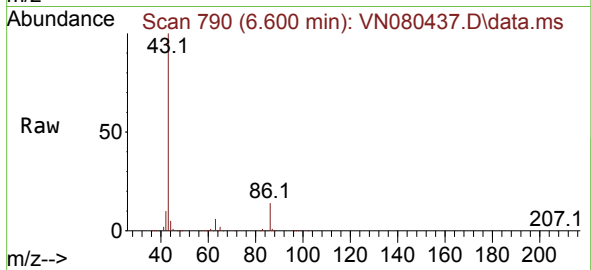




#23
 Vinyl Acetate
 Concen: 233.611 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

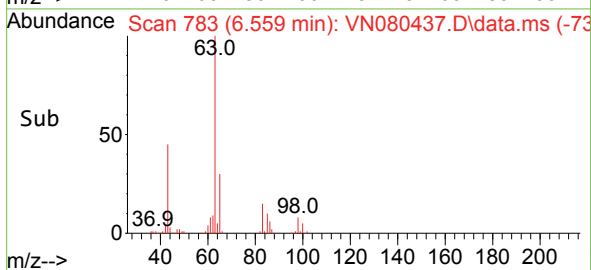
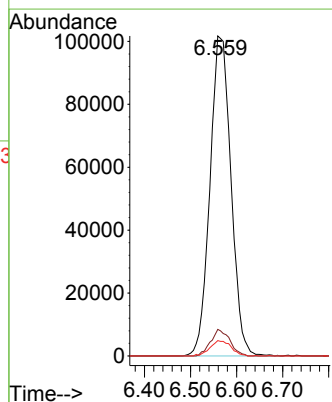
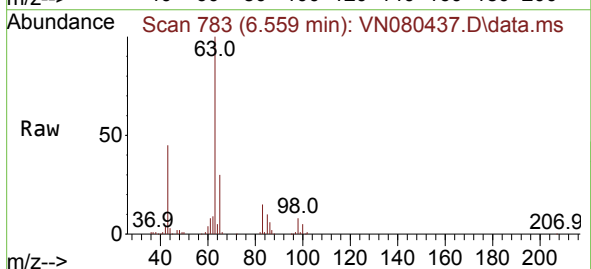
Instrument :
 MSVOA_N
 ClientSampleId :

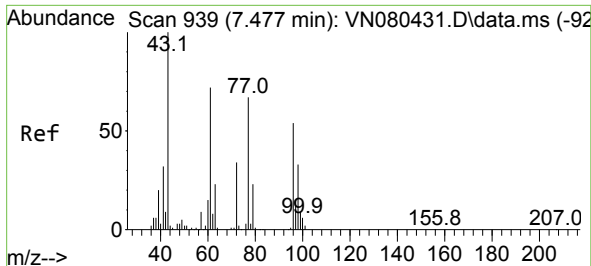
Tgt Ion: 43 Resp: 1324299
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 46.881 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

Tgt Ion: 63 Resp: 322841
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.8 2.5 7.4

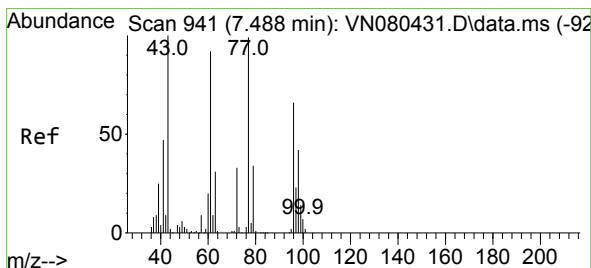
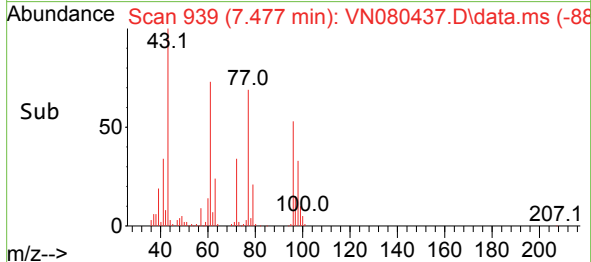
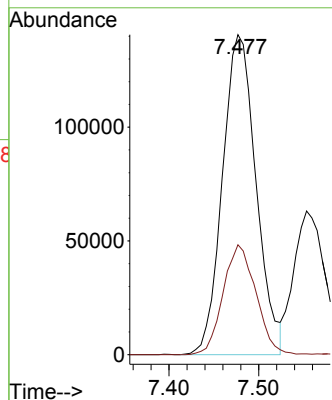
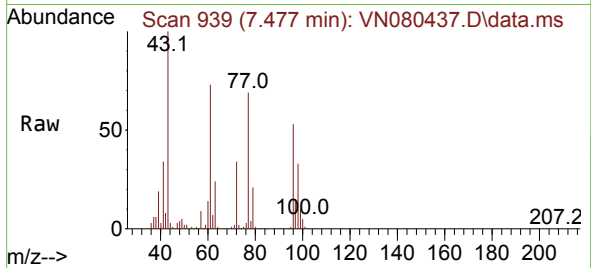




#25
2-Butanone
Concen: 243.941 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

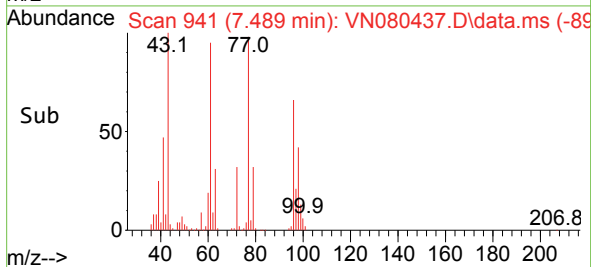
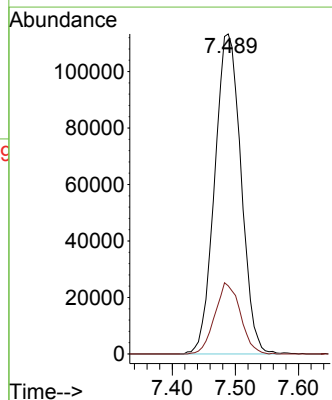
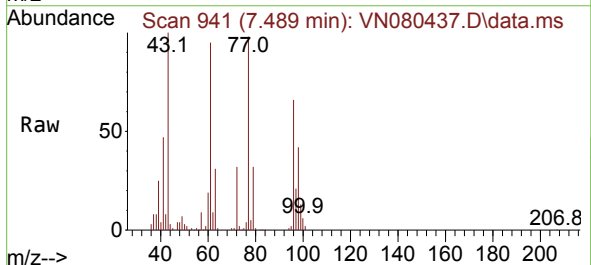
Instrument :
MSVOA_N
ClientSampleId :

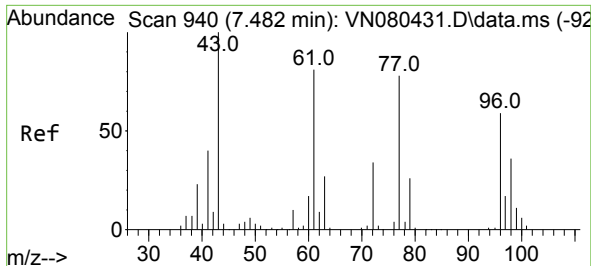
Tgt Ion: 43 Resp: 365916
Ion Ratio Lower Upper
43 100
72 34.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 46.674 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 77 Resp: 328663
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.598 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

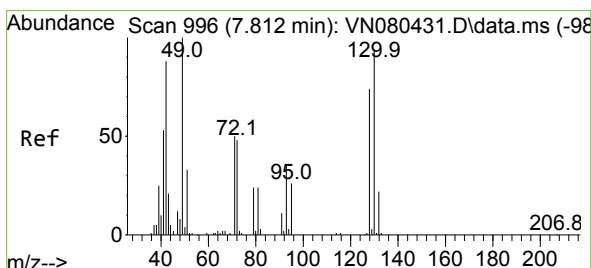
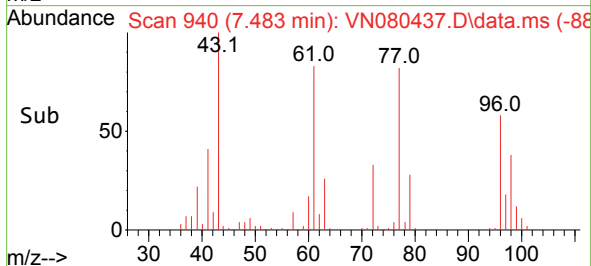
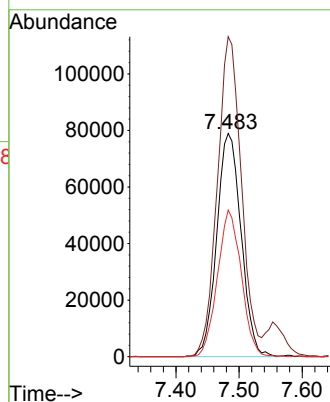
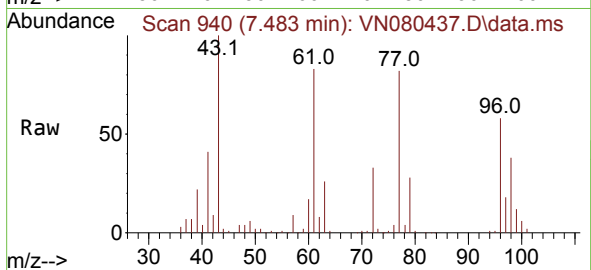
Tgt Ion: 96 Resp: 211397

Ion Ratio Lower Upper

96 100

61 142.0 0.0 255.2

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 50.246 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

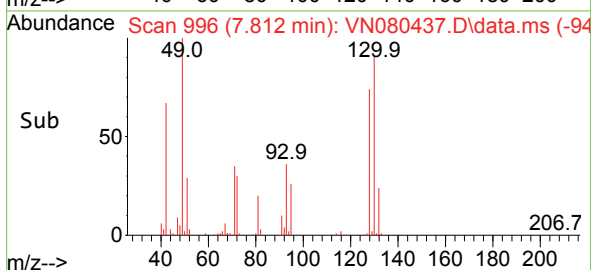
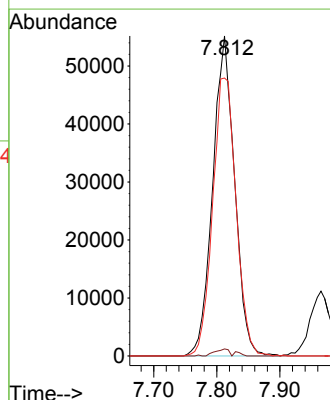
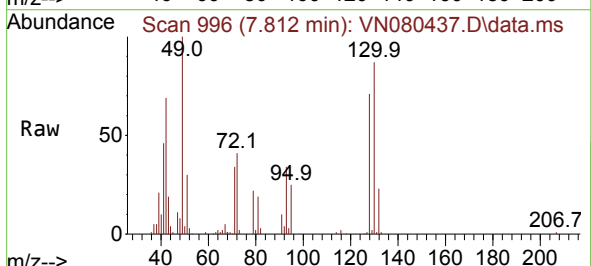
Tgt Ion: 49 Resp: 132851

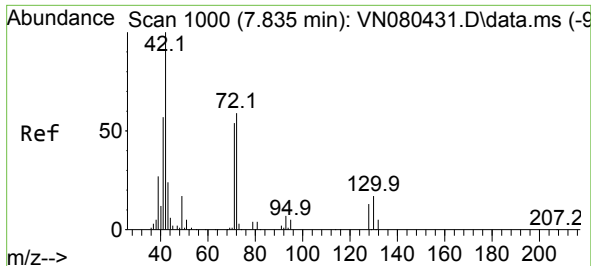
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.8

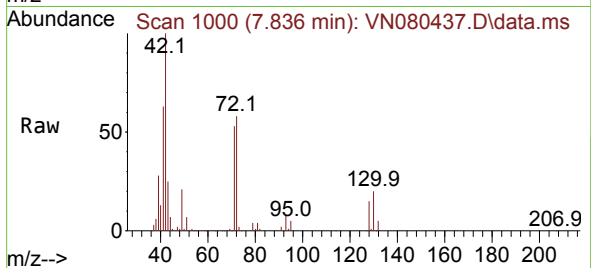
130 93.0 75.3 112.9



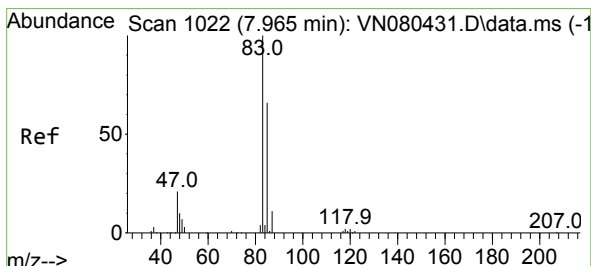
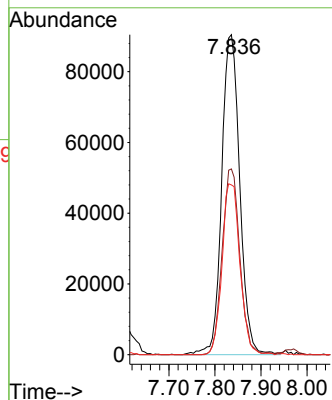
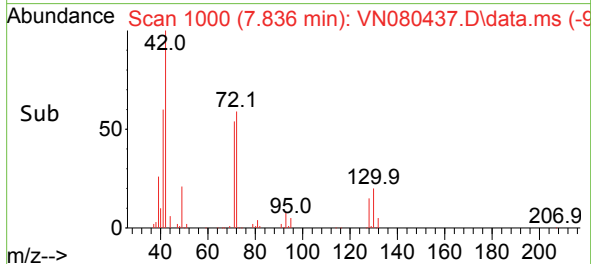


#29
Tetrahydrofuran
Concen: 228.573 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

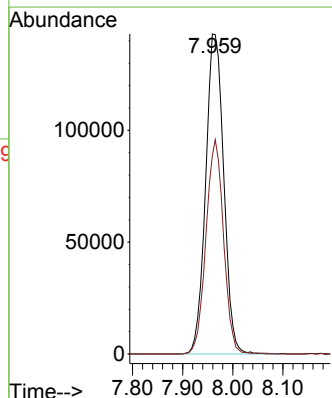
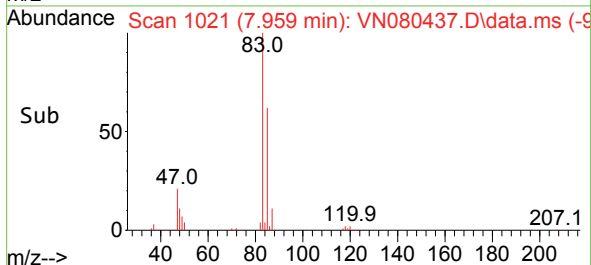
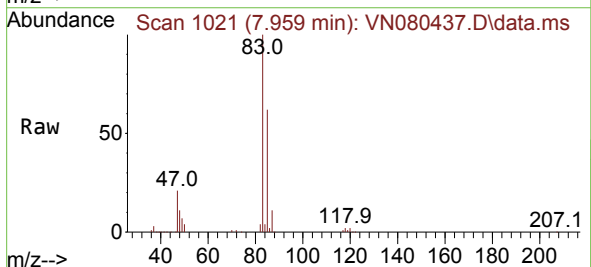


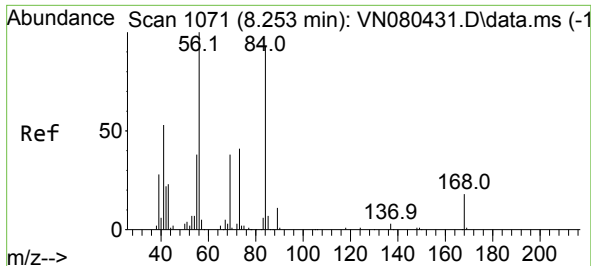
Tgt Ion: 42 Resp: 245519
Ion Ratio Lower Upper
42 100
72 56.5 49.8 74.6
71 53.0 47.4 71.2



#30
Chloroform
Concen: 46.964 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

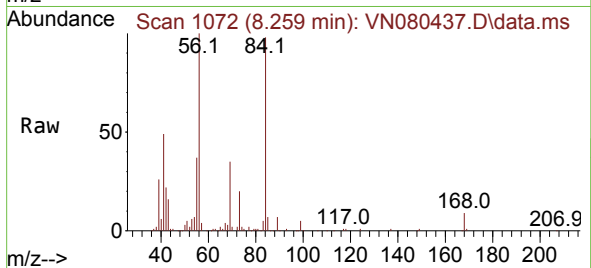
Tgt Ion: 83 Resp: 358993
Ion Ratio Lower Upper
83 100
85 62.0 55.4 83.0



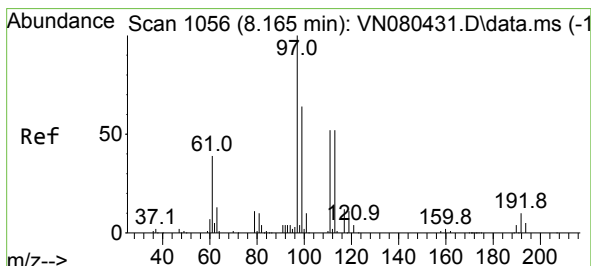
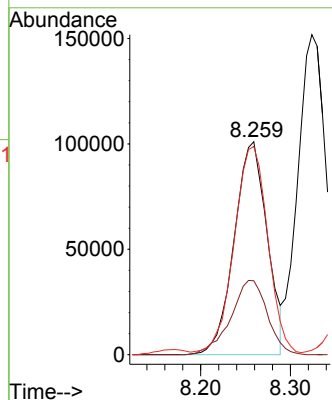
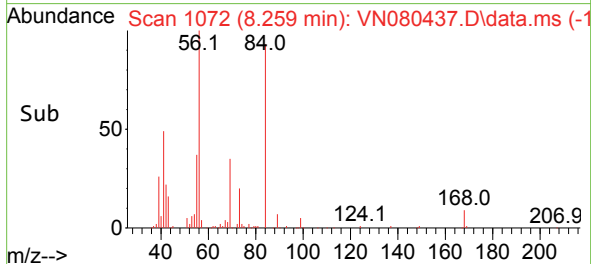


#31
Cyclohexane
Concen: 43.183 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

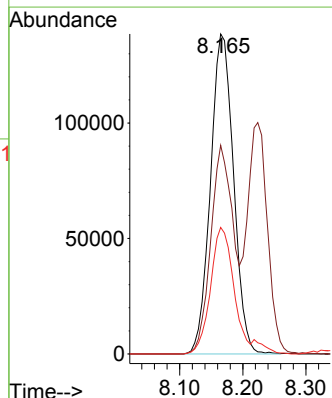
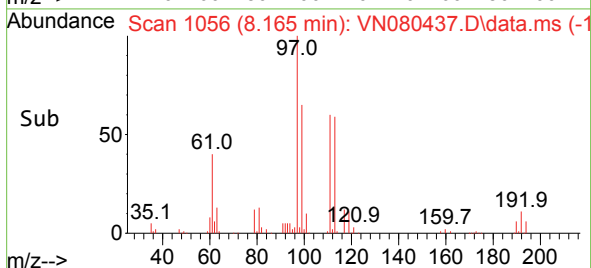
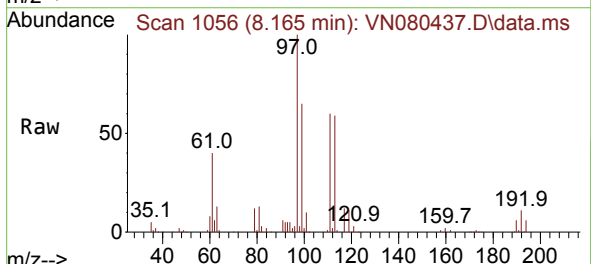


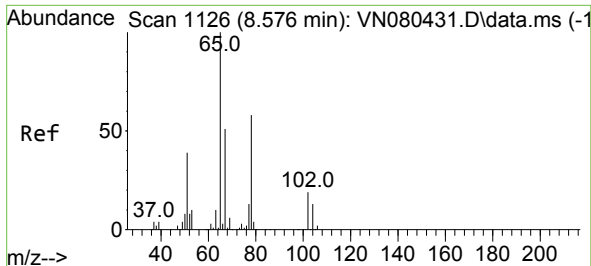
Tgt Ion: 56 Resp: 257889
Ion Ratio Lower Upper
56 100
69 34.8 26.8 40.2
84 95.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 46.969 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 97 Resp: 351526
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 39.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.425 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

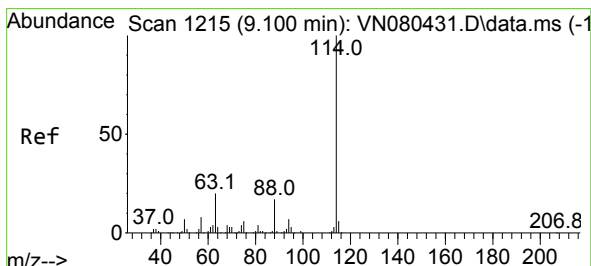
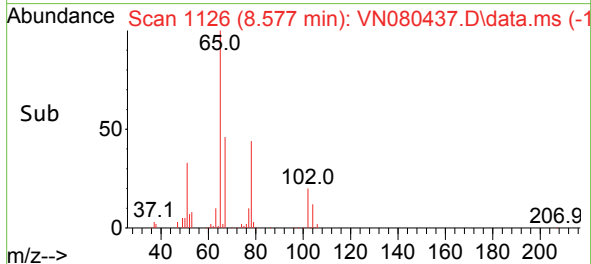
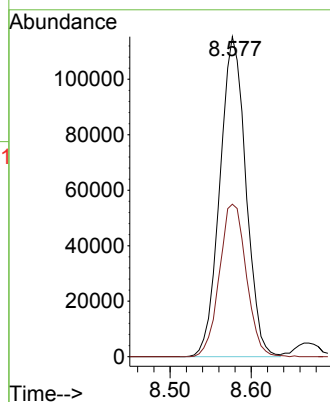
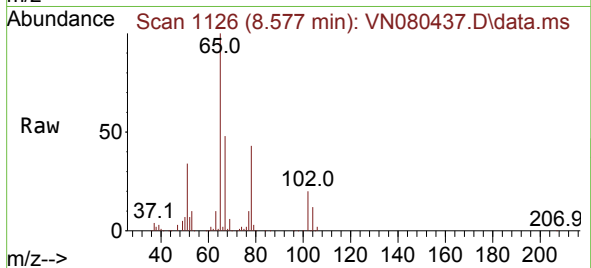
ClientSampleId :

Tgt Ion: 65 Resp: 256573

Ion Ratio Lower Upper

65 100

67 49.3 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: VN080437.D

Acq: 12 Dec 2023 14:55

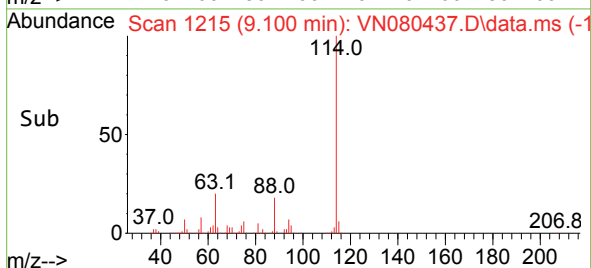
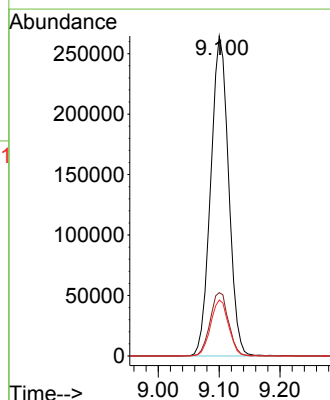
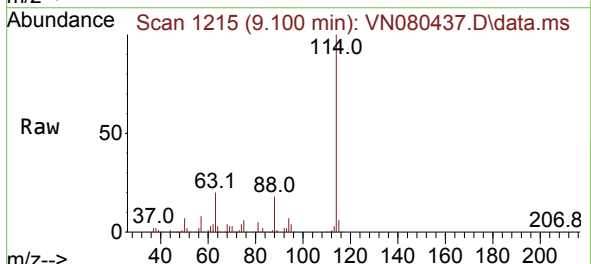
Tgt Ion: 114 Resp: 538436

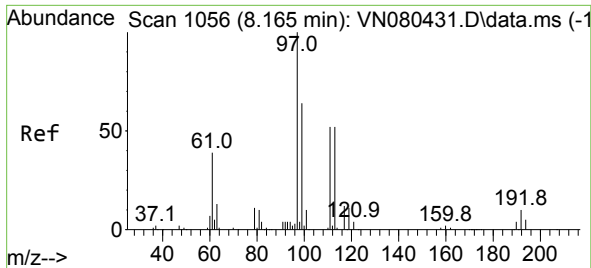
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 17.5 0.0 30.6

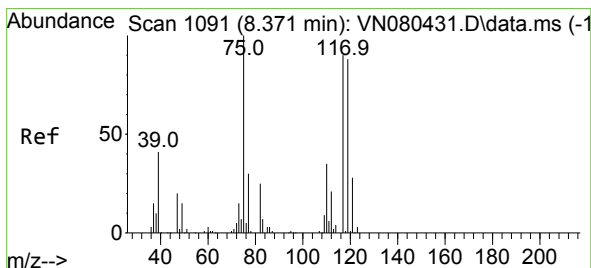
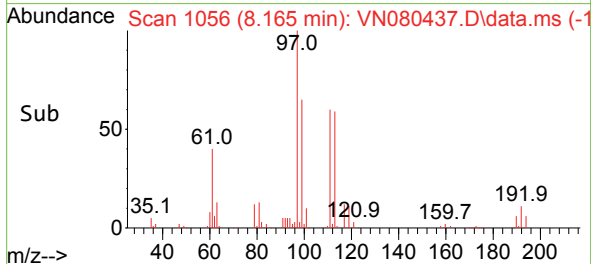
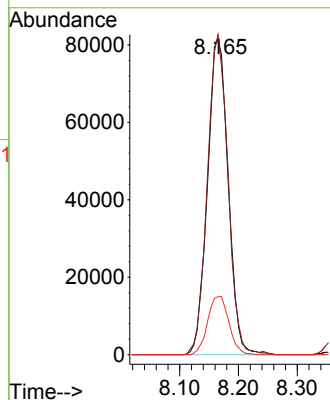
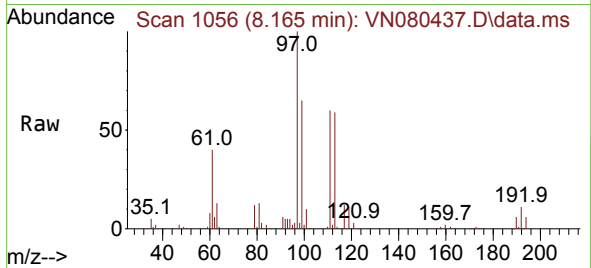




#35
 Dibromofluoromethane
 Concen: 58.461 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

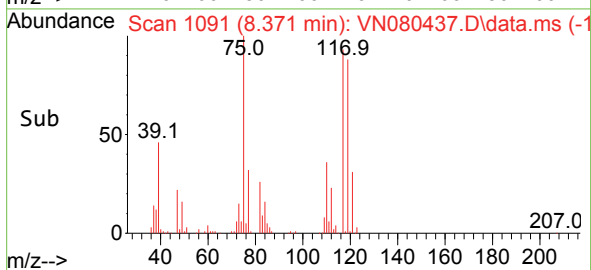
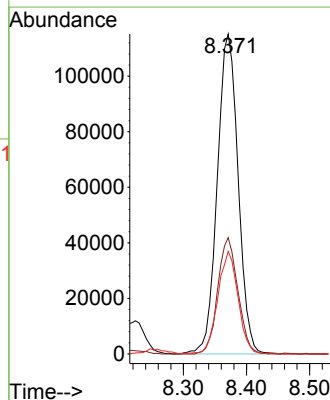
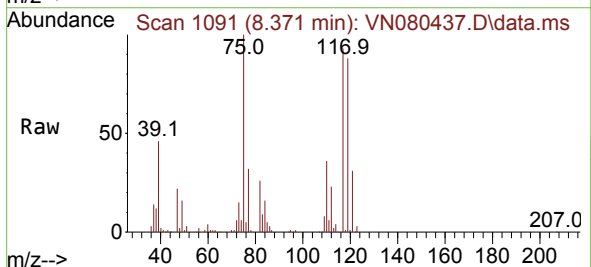
Instrument :
 MSVOA_N
 ClientSampleId :

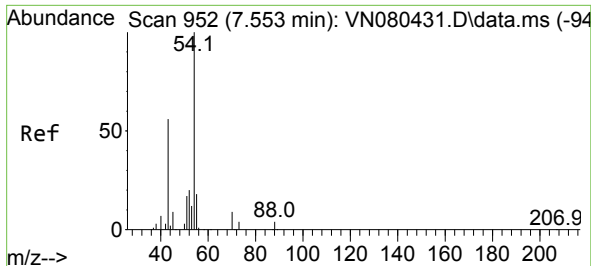
Tgt Ion:113 Resp: 199581
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.6 123.8
 192 19.0 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 47.394 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

Tgt Ion: 75 Resp: 264552
 Ion Ratio Lower Upper
 75 100
 110 35.0 19.1 57.3
 77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 44.887 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

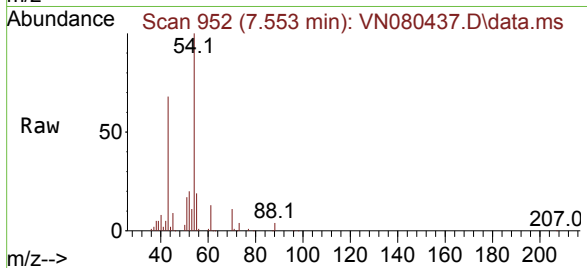
Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :



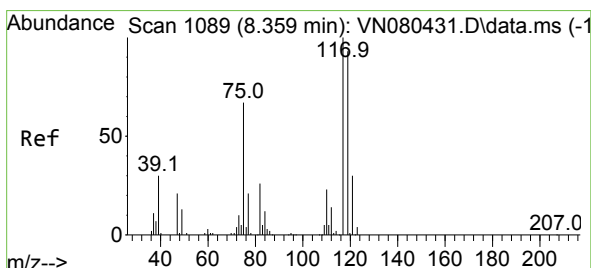
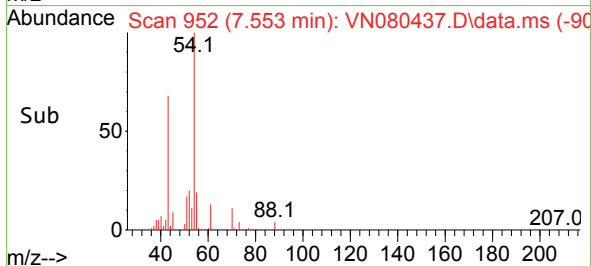
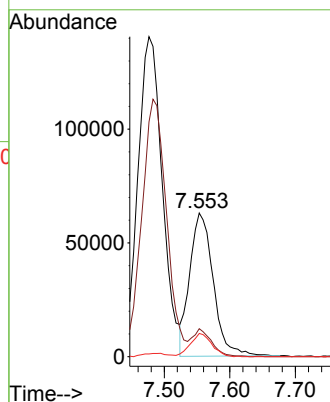
Tgt Ion: 43 Resp: 156899

Ion Ratio Lower Upper

43 100

61 15.7 13.2 19.8

70 14.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 46.773 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

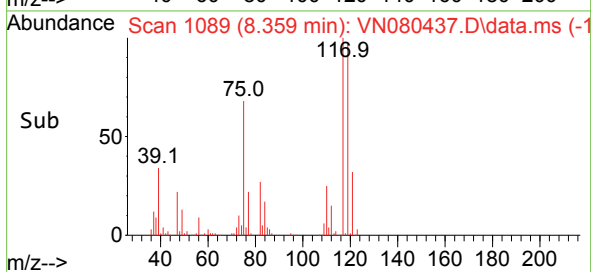
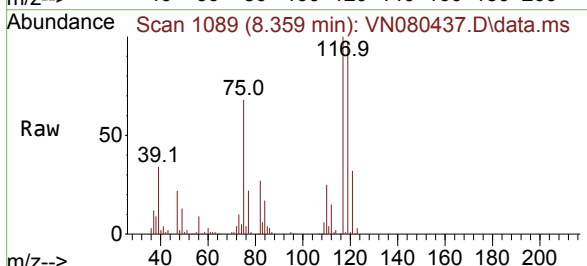
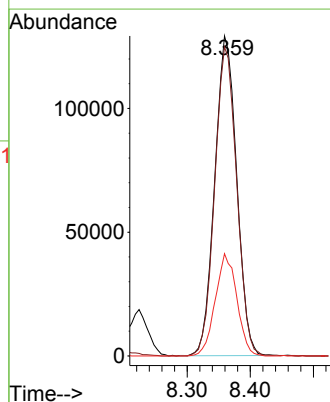
Tgt Ion: 117 Resp: 311963

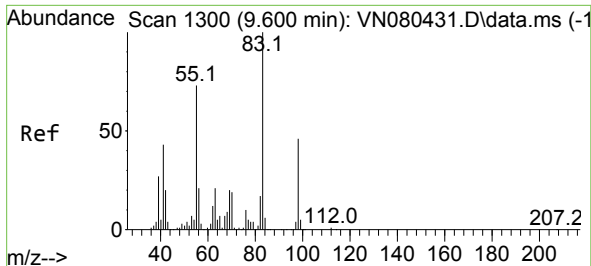
Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9

121 32.0 23.3 34.9





#39

Methylcyclohexane

Concen: 45.615 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

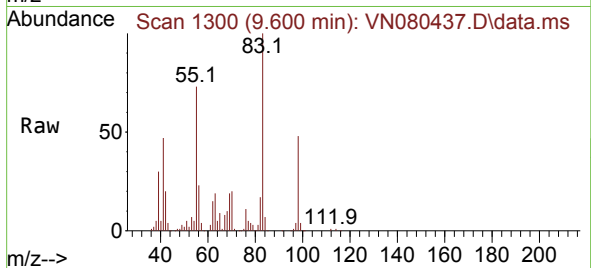
Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :



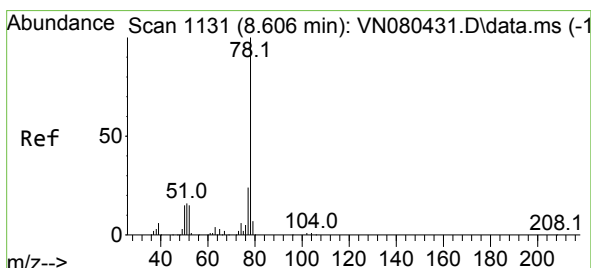
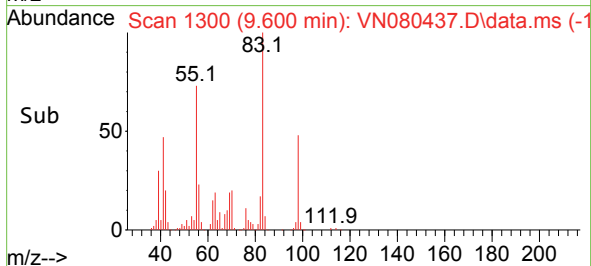
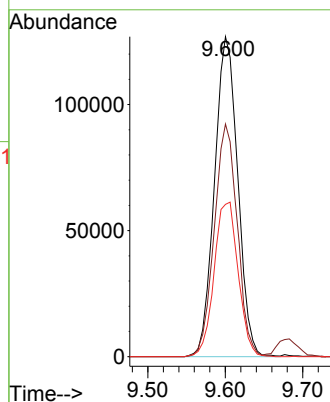
Tgt Ion: 83 Resp: 264512

Ion Ratio Lower Upper

83 100

55 72.7 49.1 73.7

98 47.6 40.6 61.0



#40

Benzene

Concen: 46.287 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080437.D

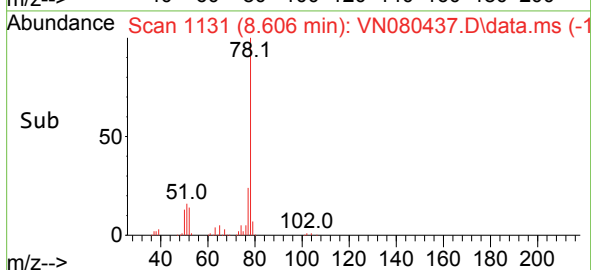
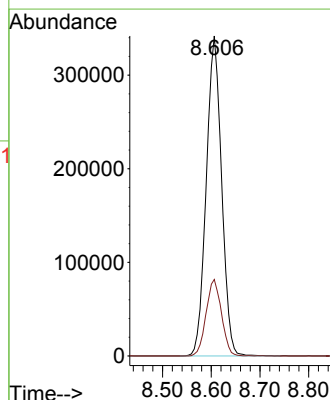
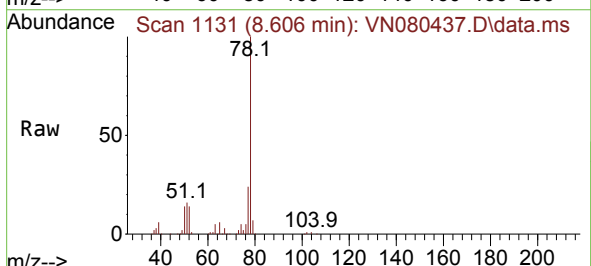
Acq: 12 Dec 2023 14:55

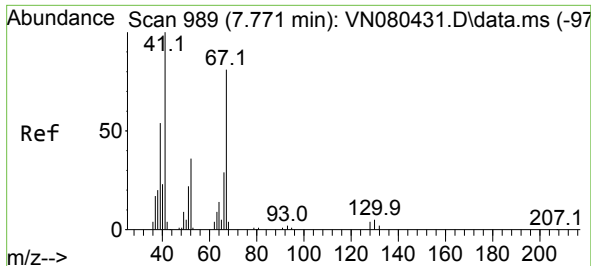
Tgt Ion: 78 Resp: 746082

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

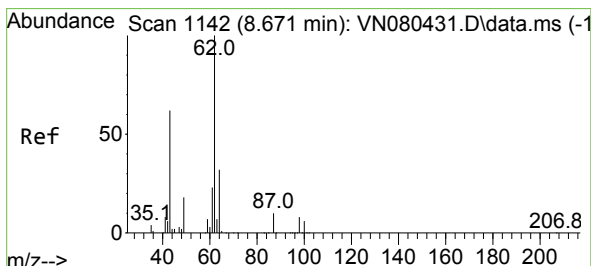
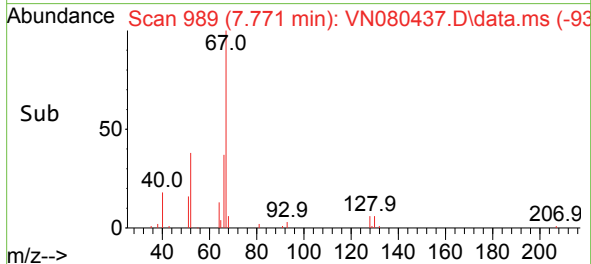
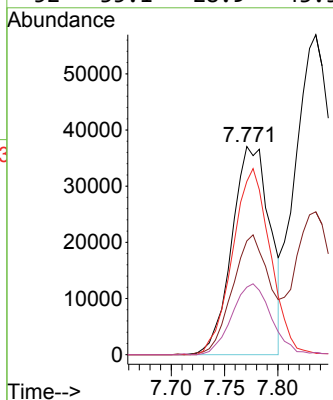
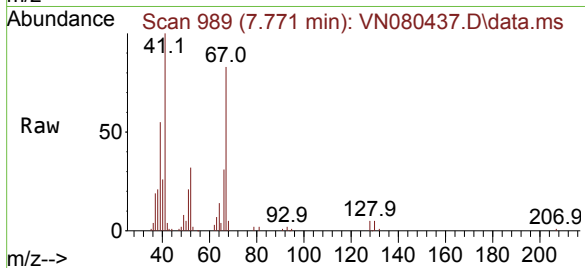




#41
Methacrylonitrile
Concen: 45.910 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

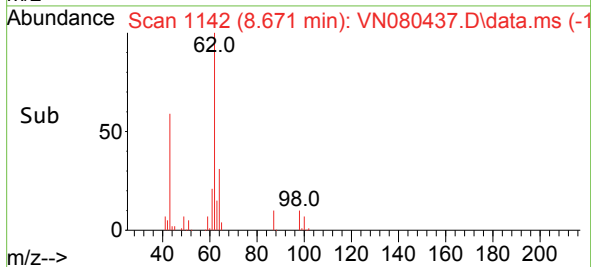
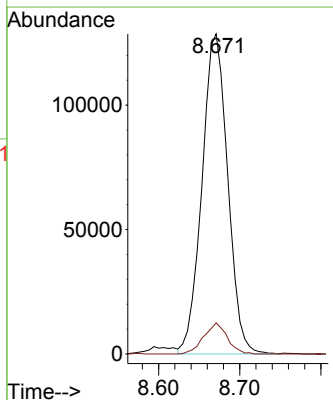
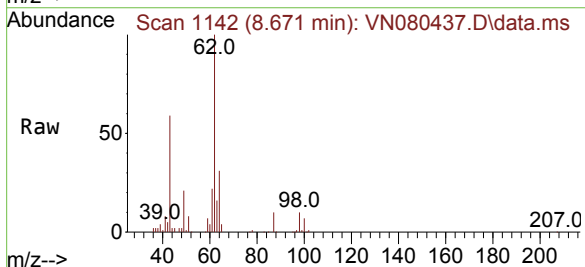
Instrument :
MSVOA_N
ClientSampleId :

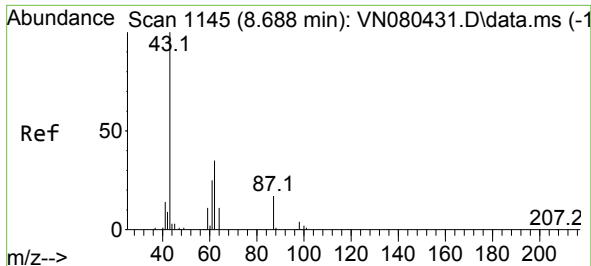
Tgt Ion:	41	Resp:	92516
Ion Ratio	Lower	Upper	
41	100		
39	55.9	42.6	64.0
67	88.6	77.5	116.3
52	35.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 47.504 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

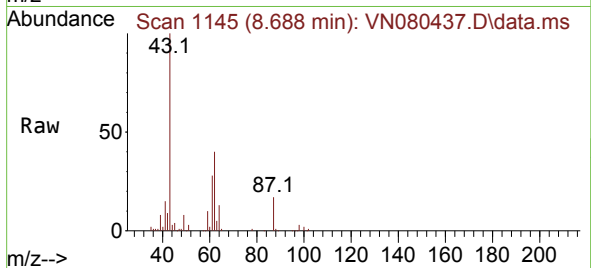
Tgt Ion:	62	Resp:	283551
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	19.8



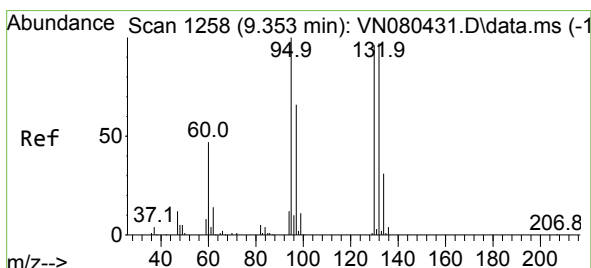
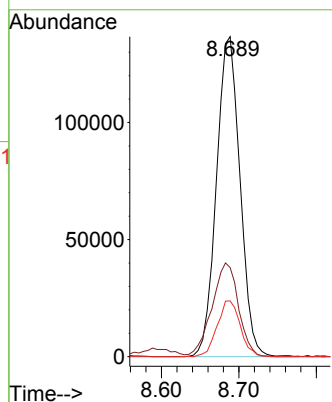
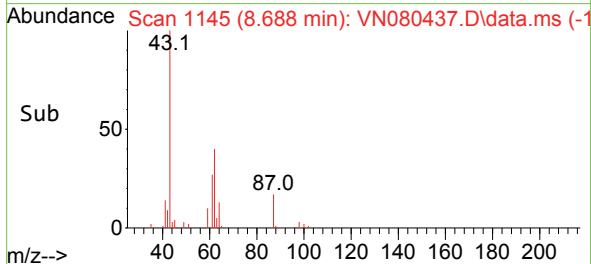


#43
Isopropyl Acetate
Concen: 46.002 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

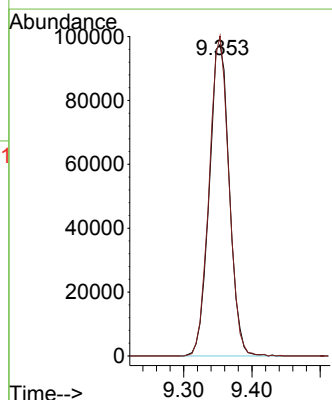
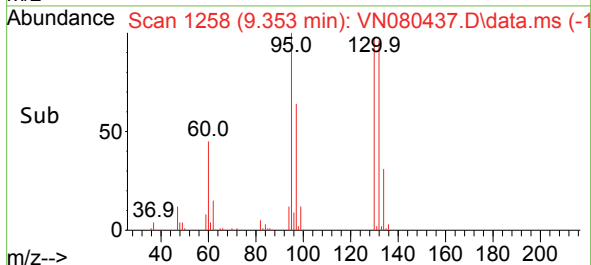
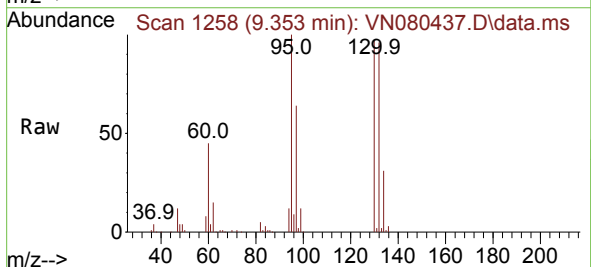


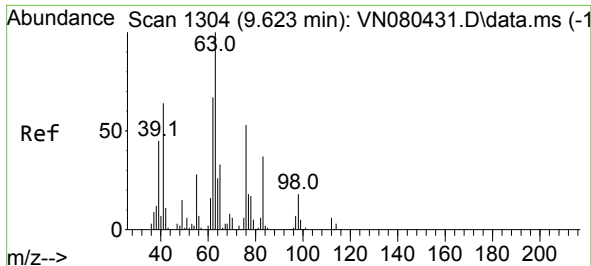
Tgt Ion: 43 Resp: 289119
Ion Ratio Lower Upper
43 100
61 32.9 24.7 37.1
87 17.2 14.6 21.8



#44
Trichloroethene
Concen: 46.148 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:130 Resp: 200530
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 45.871 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

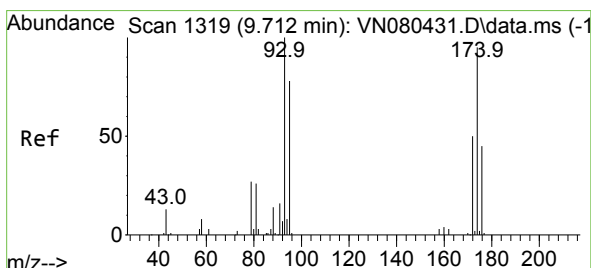
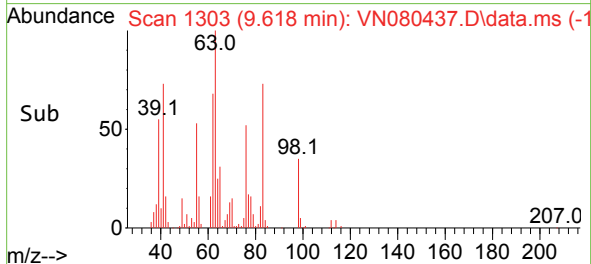
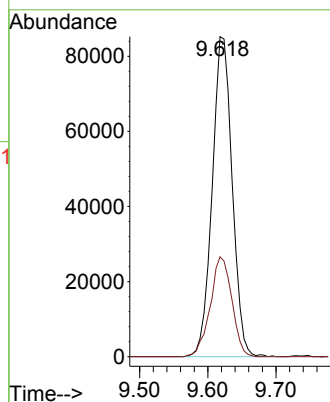
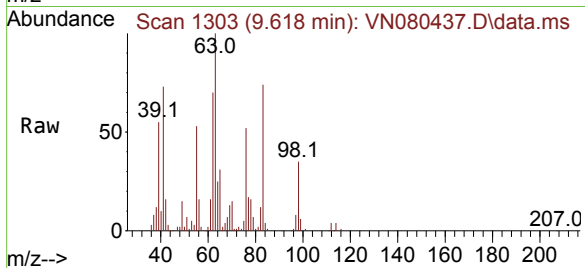
ClientSampleId :

Tgt Ion: 63 Resp: 173656

Ion Ratio Lower Upper

63 100

65 31.2 23.9 35.9



#46

Dibromomethane

Concen: 46.833 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

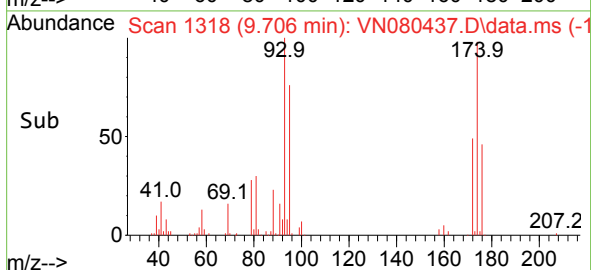
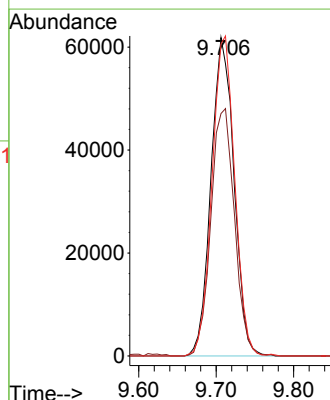
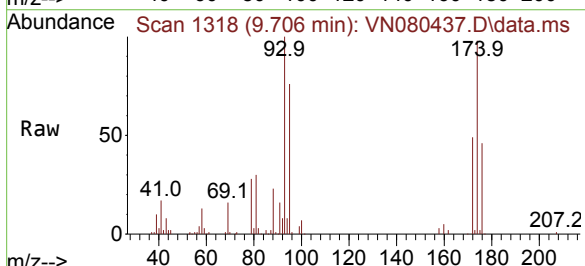
Tgt Ion: 93 Resp: 127327

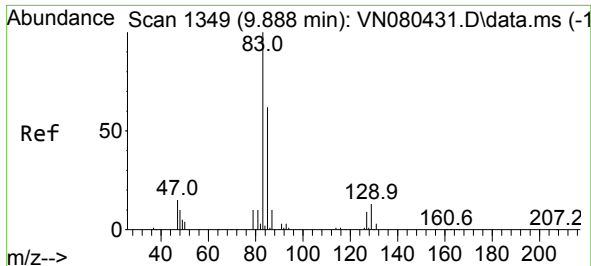
Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.8

174 99.2 65.6 98.4#

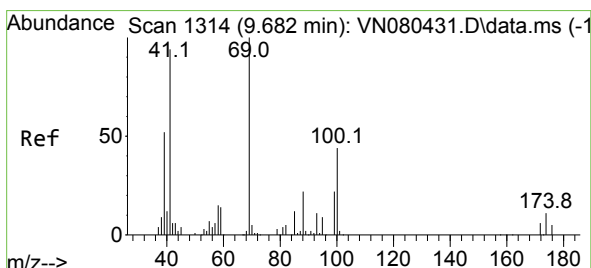
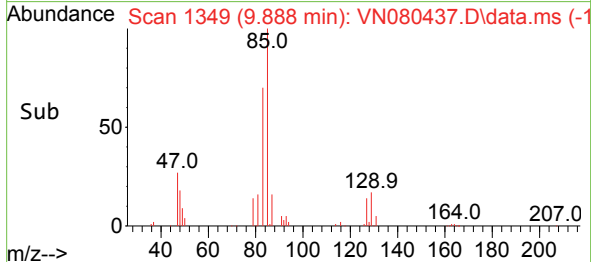
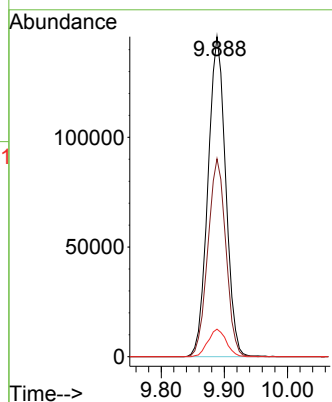
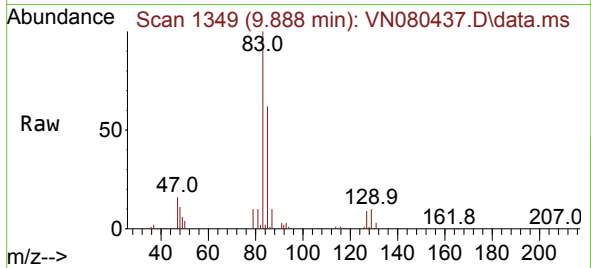




#47
Bromodichloromethane
Concen: 48.713 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

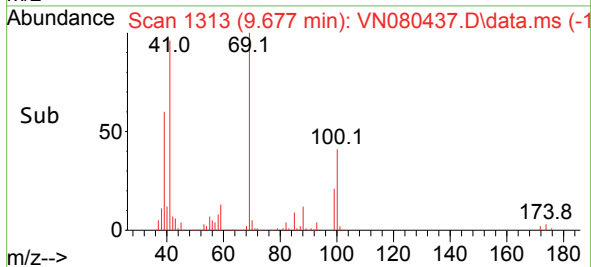
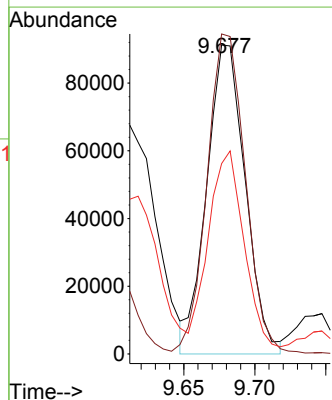
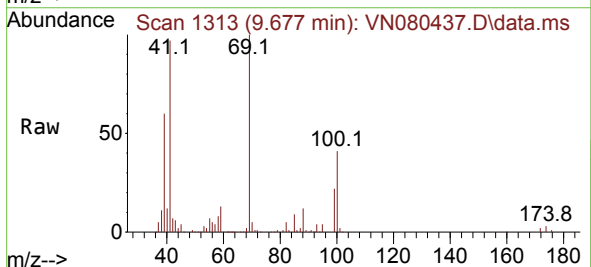
Instrument :
MSVOA_N
ClientSampleId :

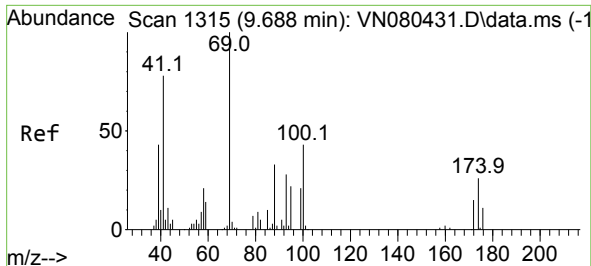
Tgt Ion: 83 Resp: 283836
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 45.965 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 41 Resp: 172393
Ion Ratio Lower Upper
41 100
69 103.1 90.4 135.6
39 62.1 54.6 81.8





#49

1,4-Dioxane

Concen: 808.754 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

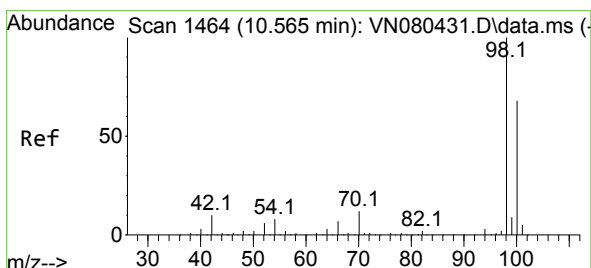
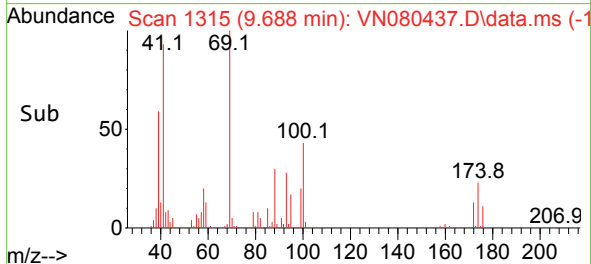
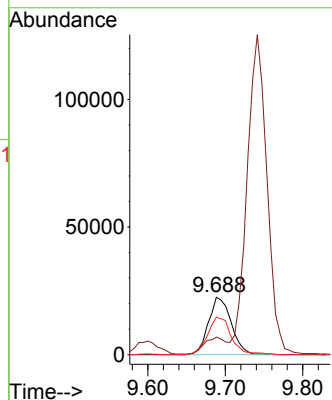
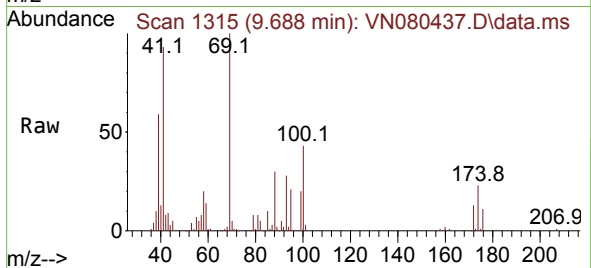
Tgt Ion: 88 Resp: 45976

Ion Ratio Lower Upper

88 100

43 30.7 17.0 25.6#

58 68.6 47.0 70.4



#50

Toluene-d8

Concen: 58.253 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080437.D

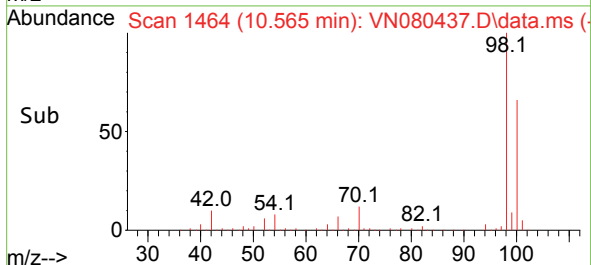
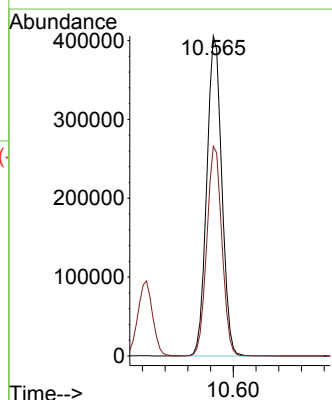
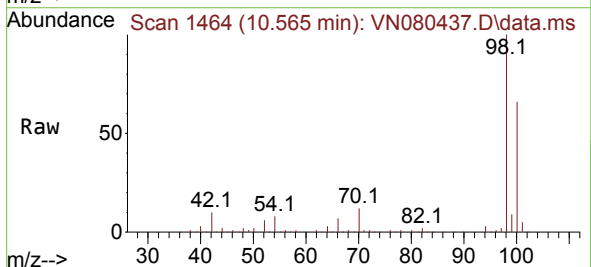
Acq: 12 Dec 2023 14:55

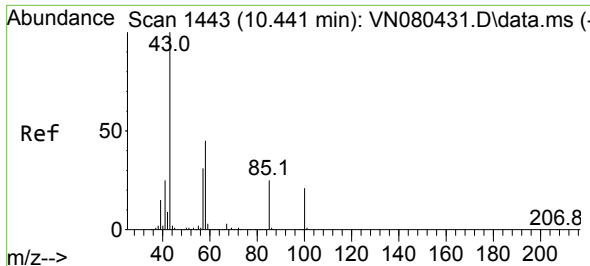
Tgt Ion: 98 Resp: 741678

Ion Ratio Lower Upper

98 100

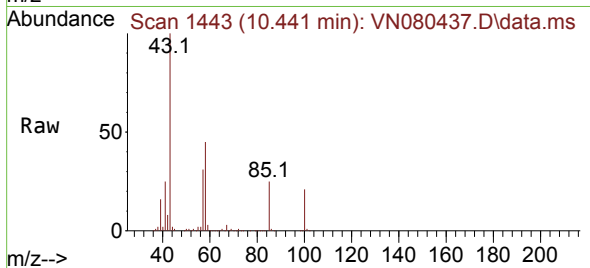
100 65.9 52.0 78.0



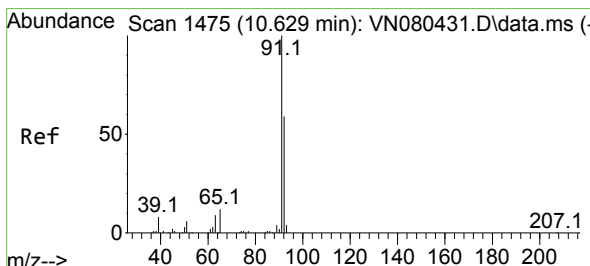
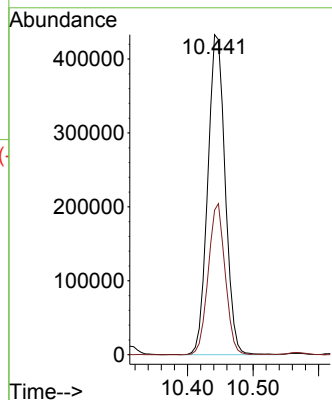
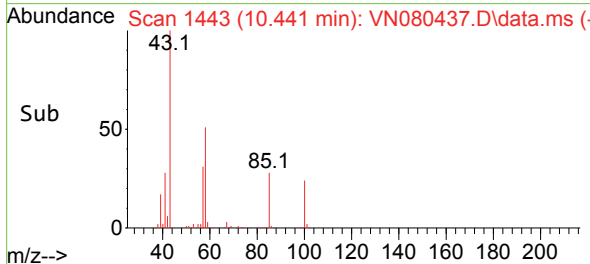


#51
4-Methyl-2-Pentanone
Concen: 230.756 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

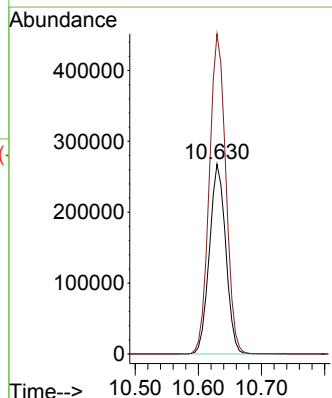
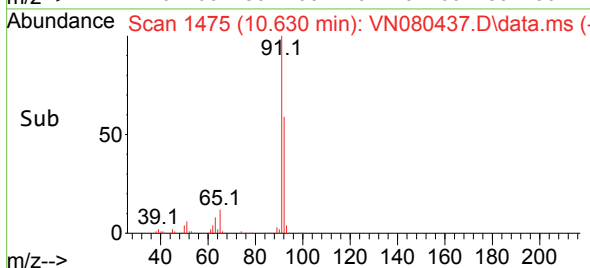
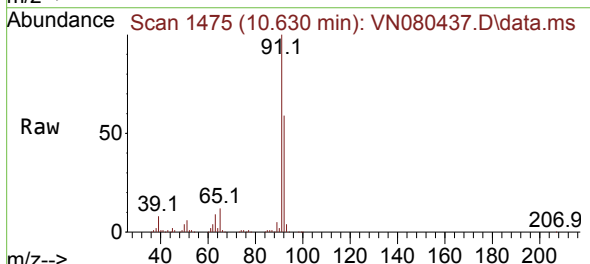


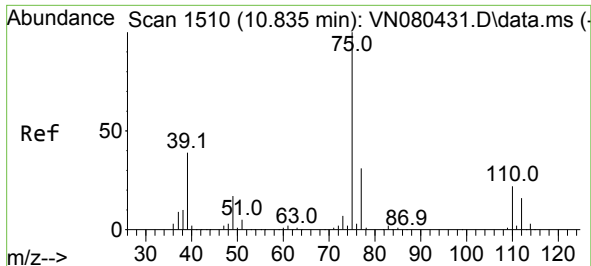
Tgt Ion: 43 Resp: 798726
Ion Ratio Lower Upper
43 100
58 45.8 36.6 54.8



#52
Toluene
Concen: 47.252 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 92 Resp: 481149
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0

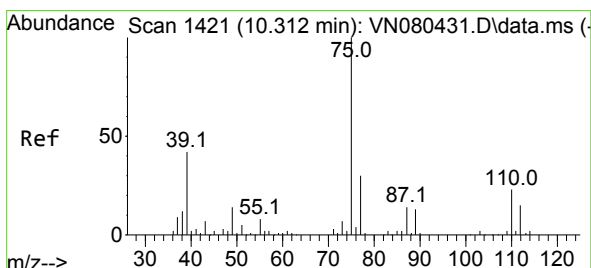
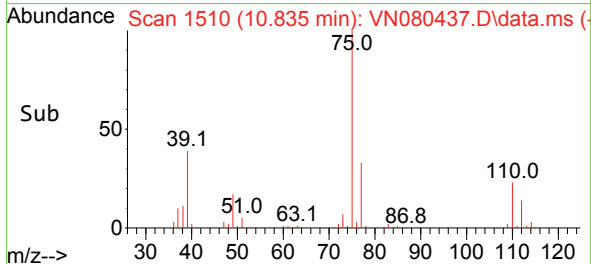
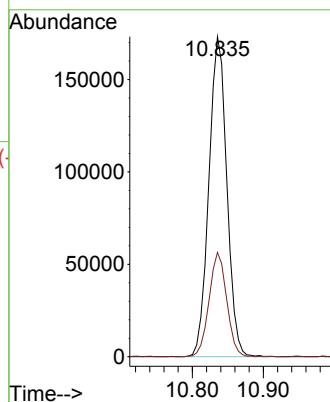
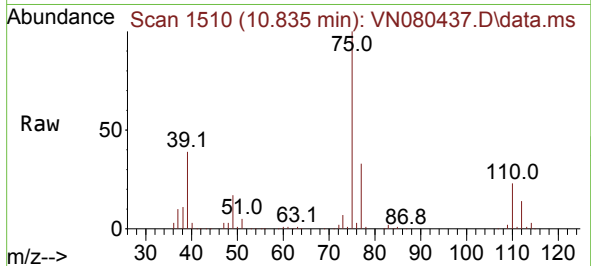




#53
 t-1,3-Dichloropropene
 Concen: 48.192 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

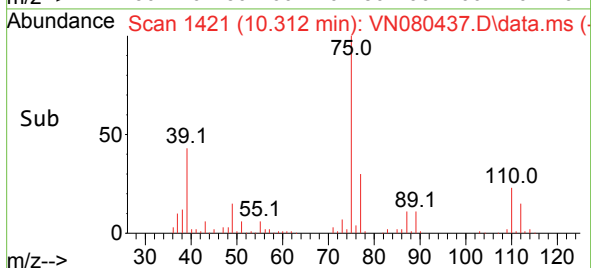
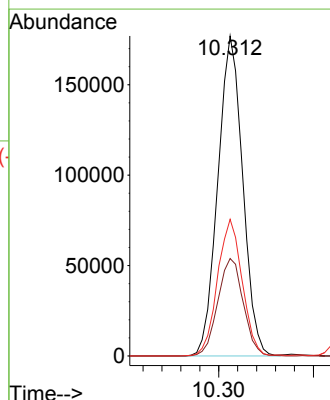
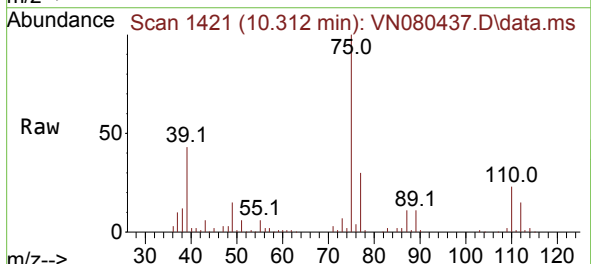
Instrument :
 MSVOA_N
 ClientSampleId :

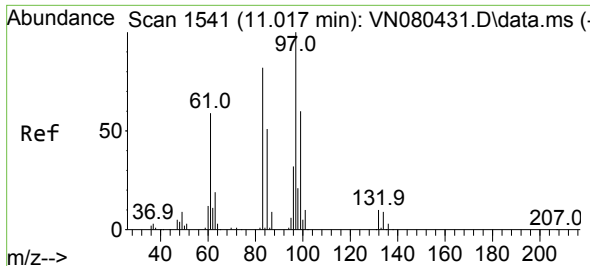
Tgt Ion: 75 Resp: 303815
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.858 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

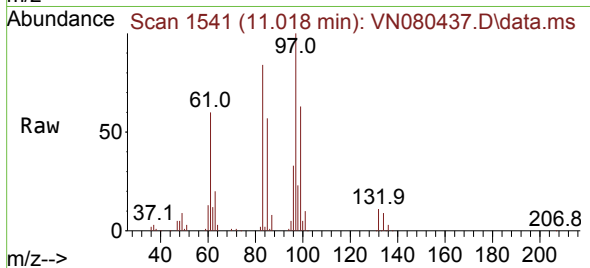
Tgt Ion: 75 Resp: 322483
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.1 39.1
 39 42.7 31.6 47.4



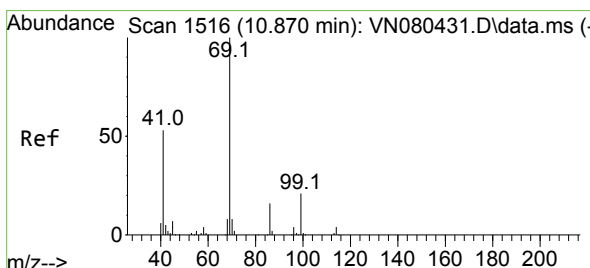
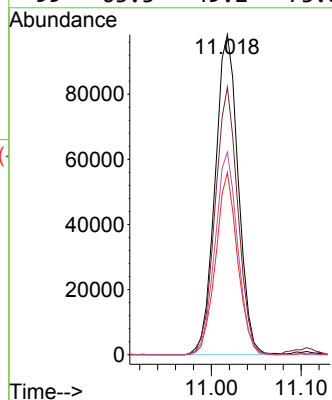
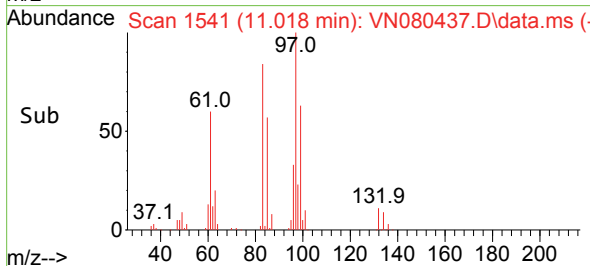


#55
1,1,2-Trichloroethane
Concen: 48.071 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

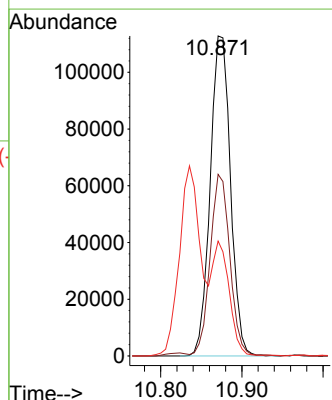
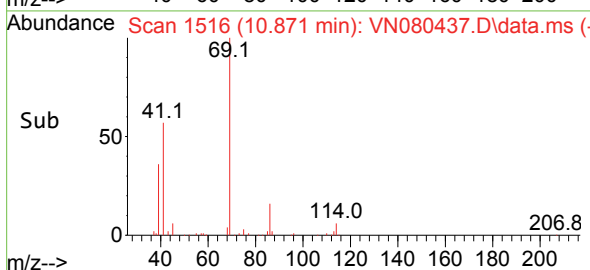
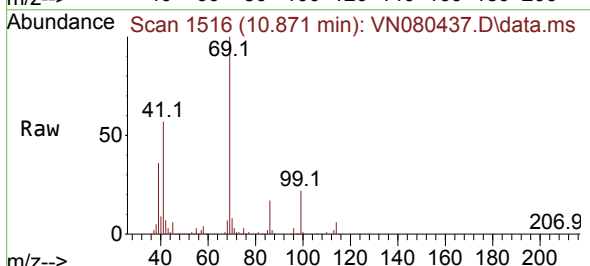


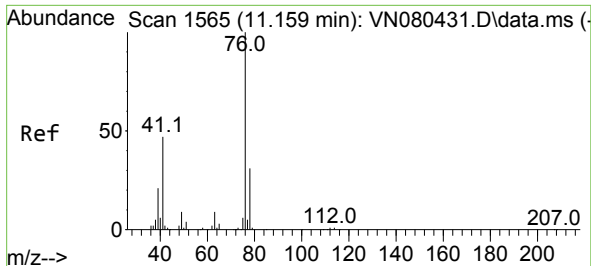
Tgt Ion:	97	Resp:	176131
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.1	97.7
85	56.9	43.4	65.2
99	63.3	49.2	73.8



#56
Ethyl methacrylate
Concen: 48.229 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:	69	Resp:	195642
Ion	Ratio	Lower	Upper
69	100		
41	54.8	39.6	59.4
39	29.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 46.519 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

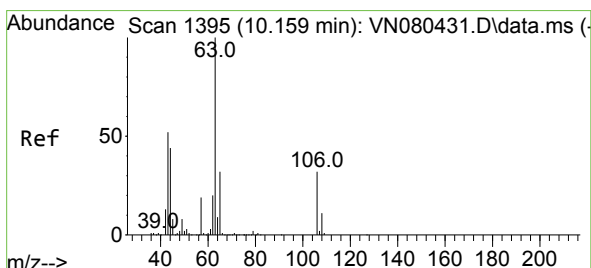
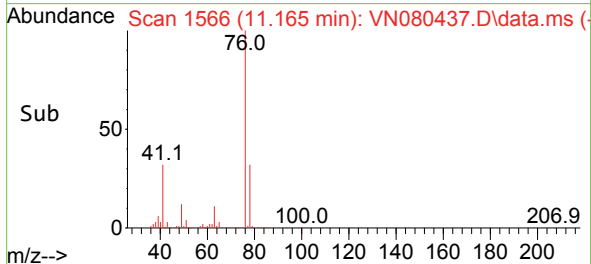
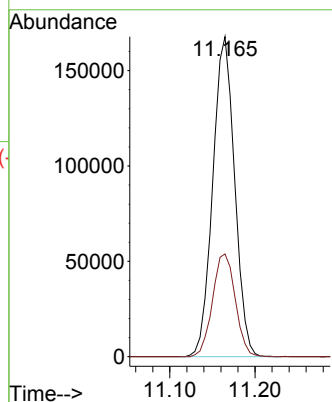
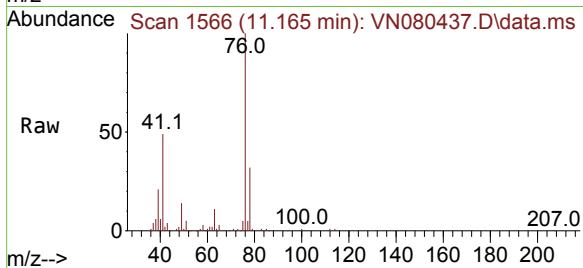
ClientSampleId :

Tgt Ion: 76 Resp: 298786

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 219.169 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080437.D

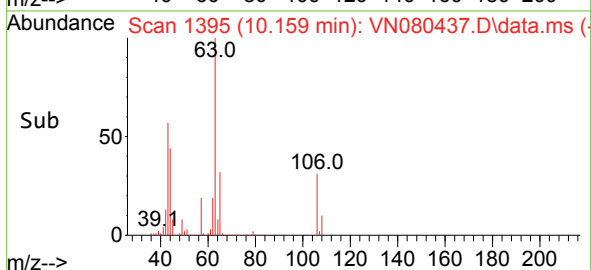
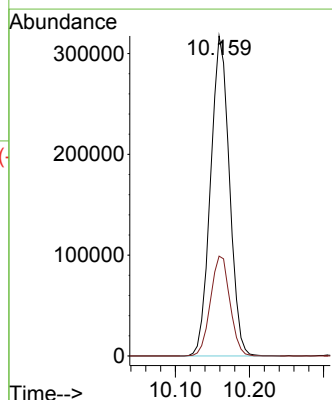
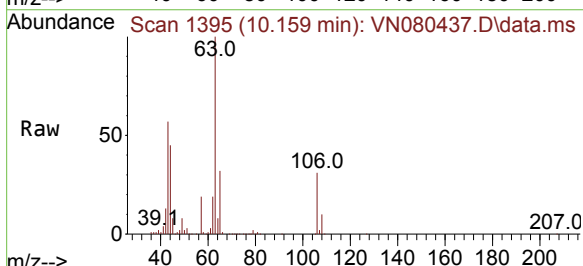
Acq: 12 Dec 2023 14:55

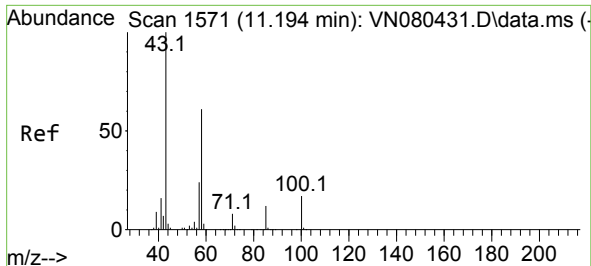
Tgt Ion: 63 Resp: 561265

Ion Ratio Lower Upper

63 100

106 32.1 26.2 39.4

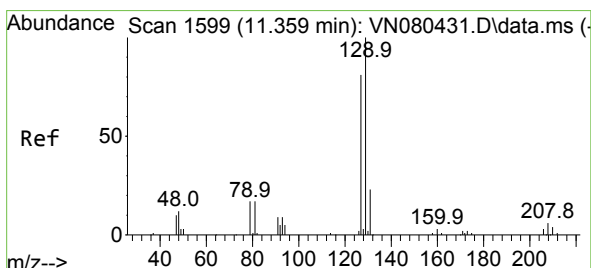
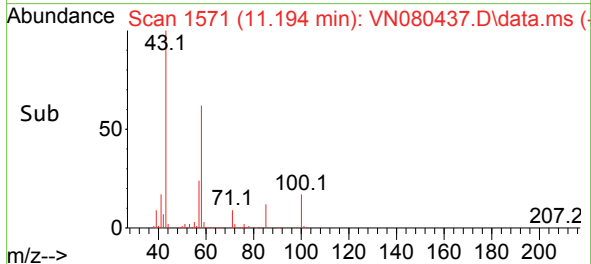
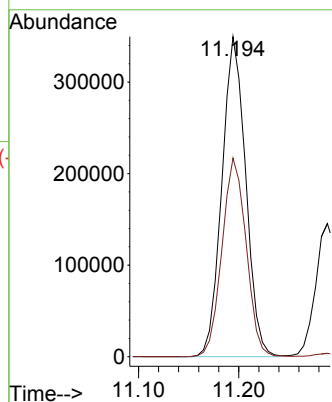
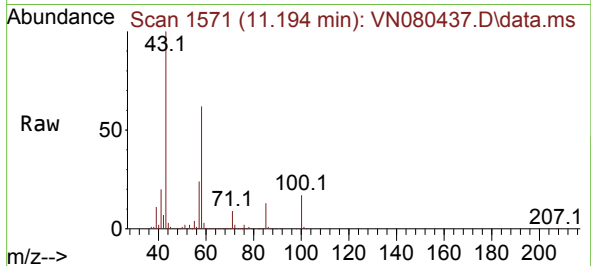




#59
2-Hexanone
Concen: 225.090 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

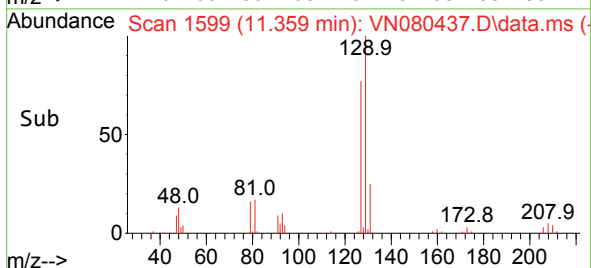
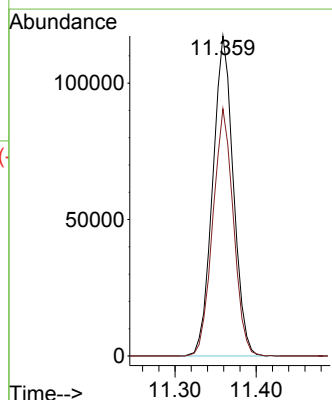
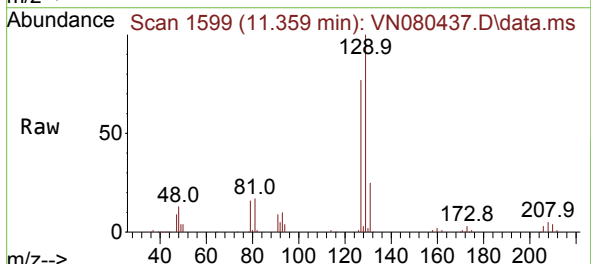
Instrument :
MSVOA_N
ClientSampleId :

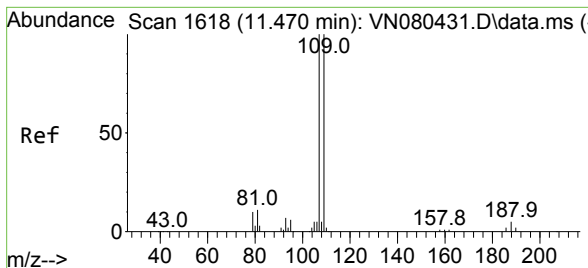
Tgt Ion: 43 Resp: 575178
Ion Ratio Lower Upper
43 100
58 63.0 31.7 95.1



#60
Dibromochloromethane
Concen: 47.736 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:129 Resp: 207252
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

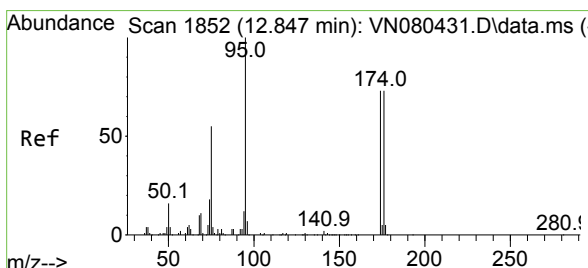
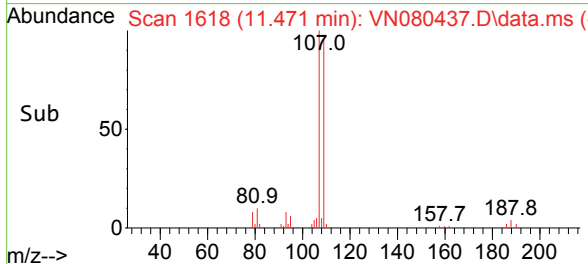
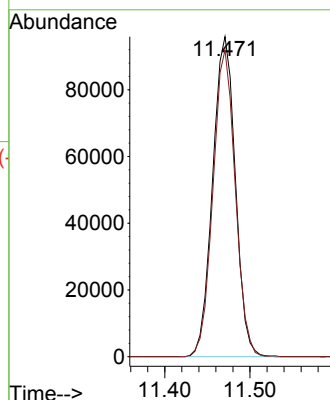
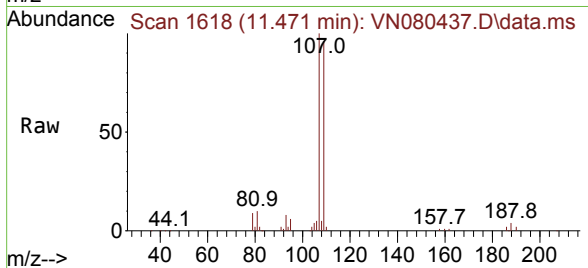




#61
1,2-Dibromoethane
Concen: 46.629 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

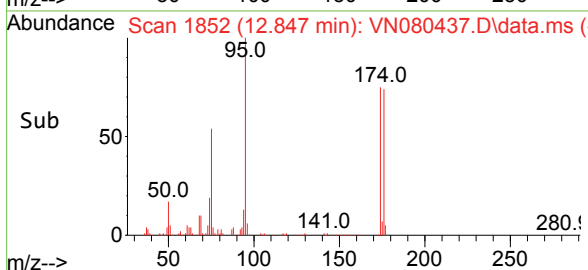
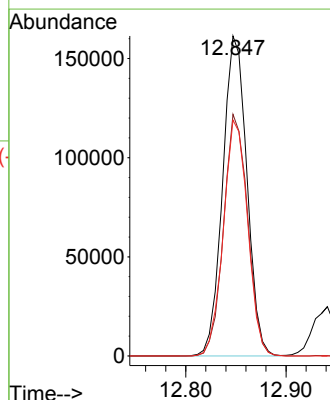
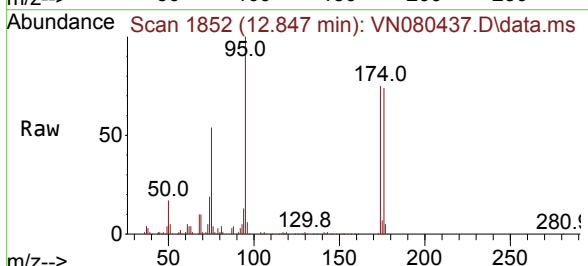
Instrument :
MSVOA_N
ClientSampleId :

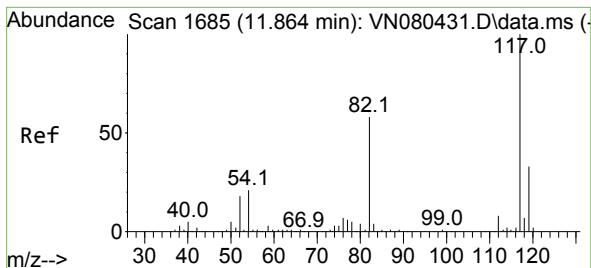
Tgt Ion:107 Resp: 176822
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.937 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 95 Resp: 270437
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 73.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

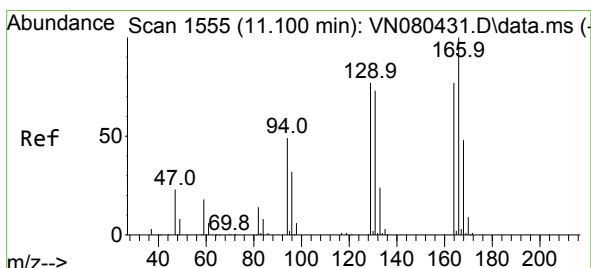
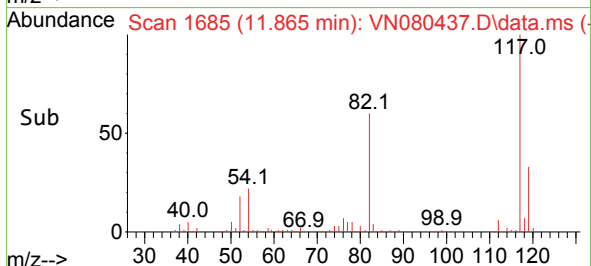
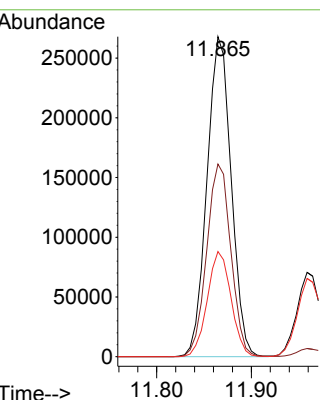
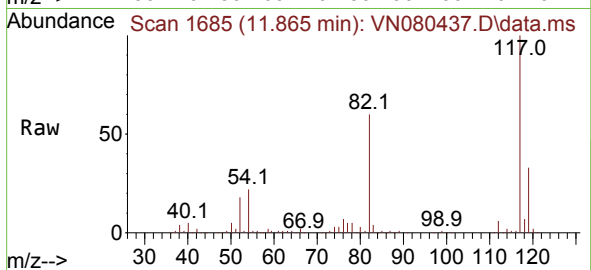
Tgt Ion:117 Resp: 476299

Ion Ratio Lower Upper

117 100

82 60.2 44.0 66.0

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 47.383 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Tgt Ion:164 Resp: 174250

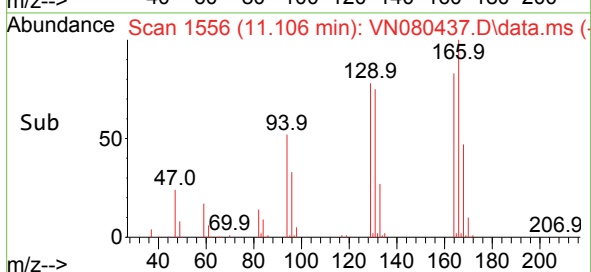
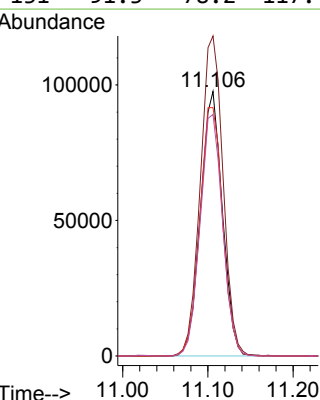
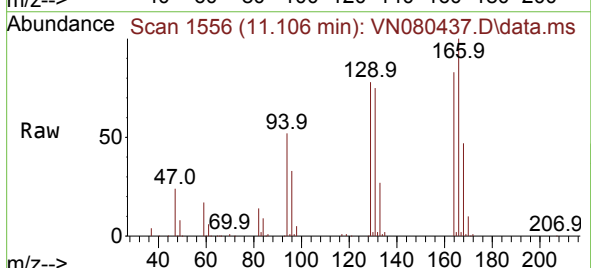
Ion Ratio Lower Upper

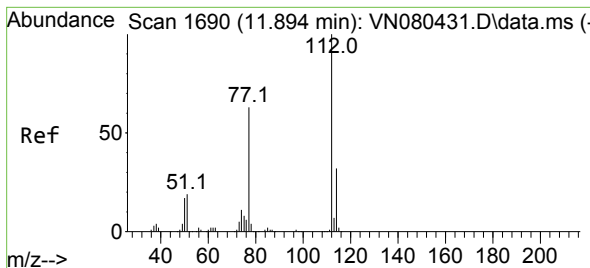
164 100

166 121.0 101.4 152.0

129 93.9 82.4 123.6

131 91.3 78.2 117.4





#65

Chlorobenzene

Concen: 47.509 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

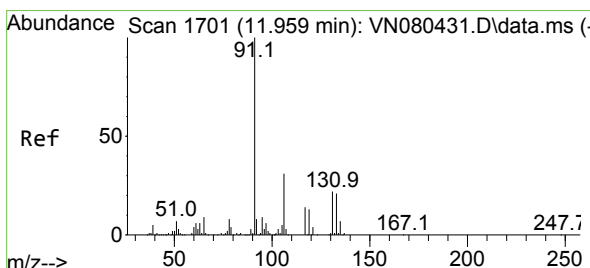
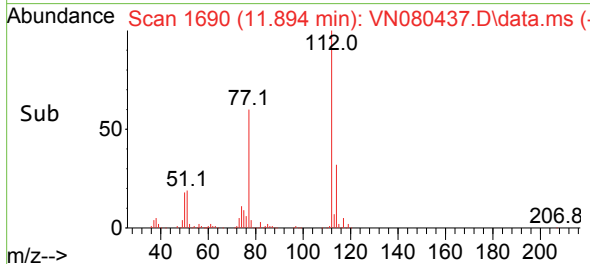
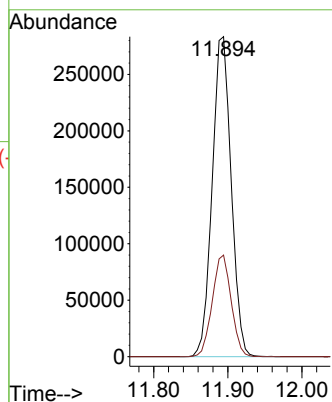
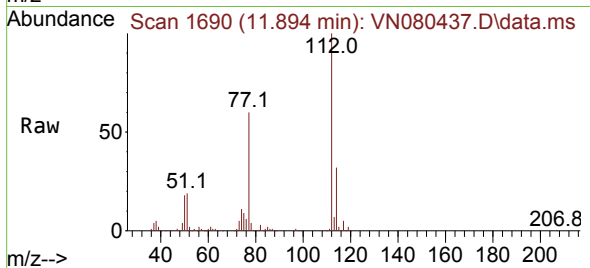
ClientSampleId :

Tgt Ion:112 Resp: 503381

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 46.826 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

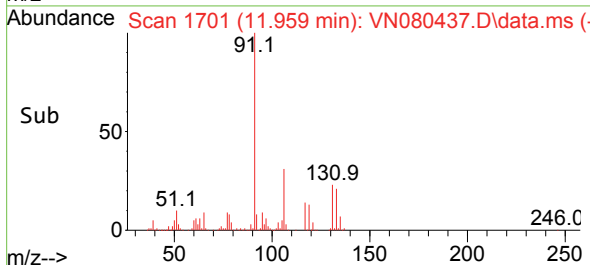
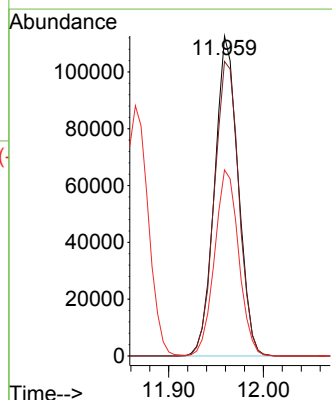
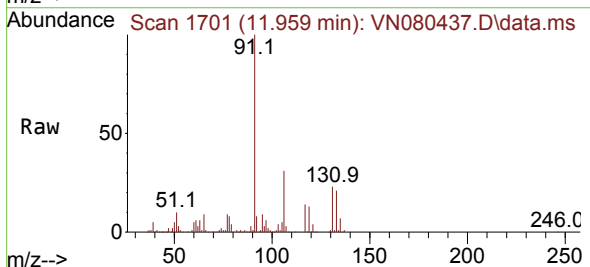
Tgt Ion:131 Resp: 194677

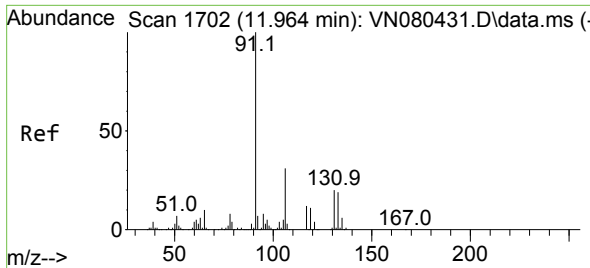
Ion Ratio Lower Upper

131 100

133 96.0 46.4 139.1

119 59.6 34.1 102.2

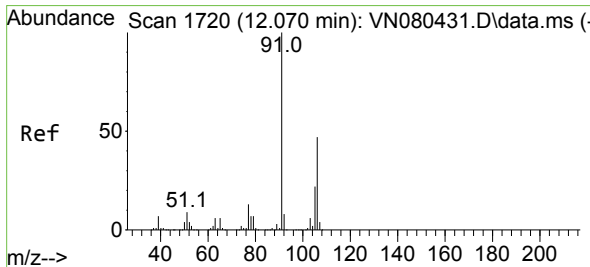
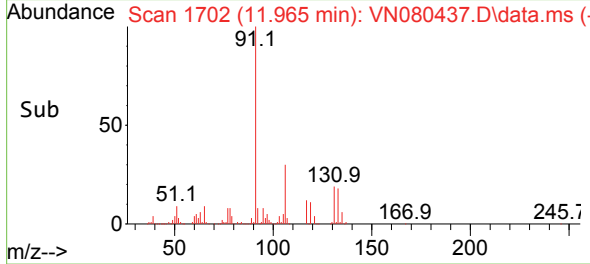
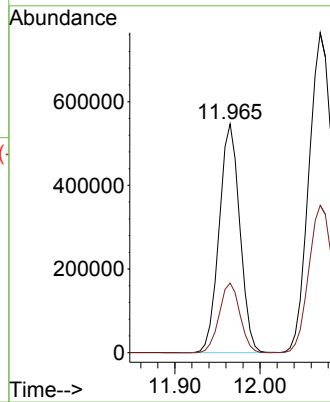
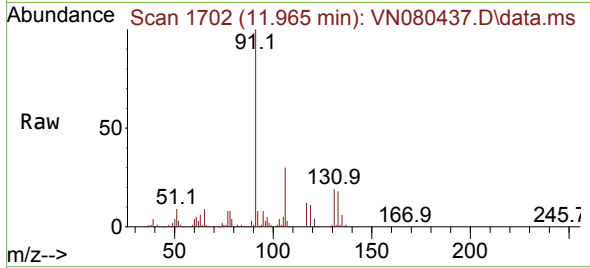




#67
Ethyl Benzene
Concen: 47.196 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

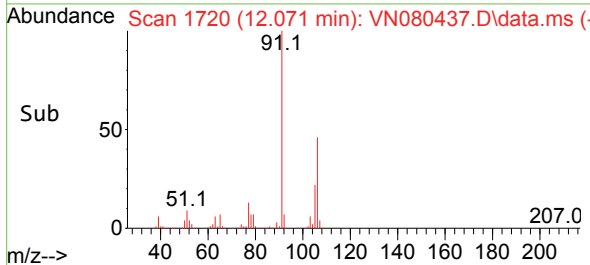
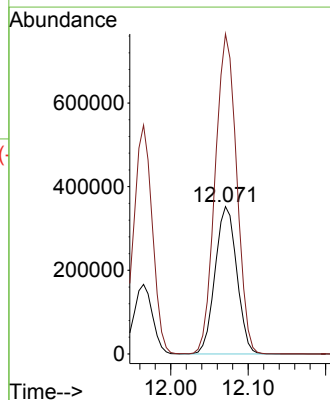
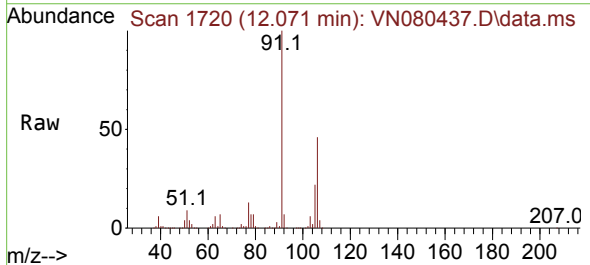
Instrument :
MSVOA_N
ClientSampleId :

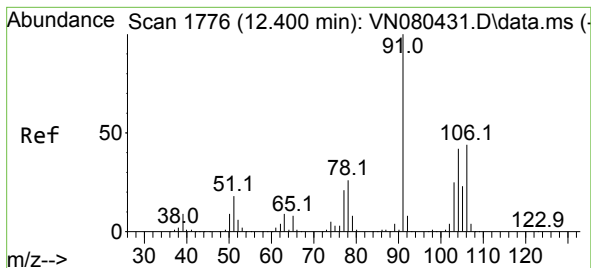
Tgt Ion: 91 Resp: 919488
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 95.386 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:106 Resp: 686698
Ion Ratio Lower Upper
106 100
91 215.2 159.6 239.4





#69

o-Xylene

Concen: 46.905 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

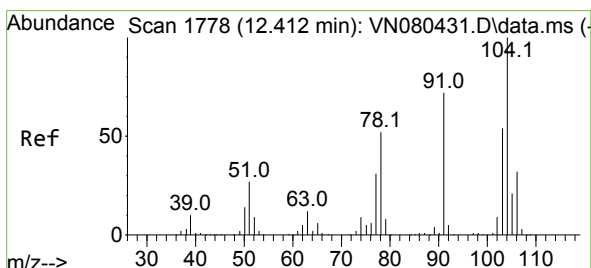
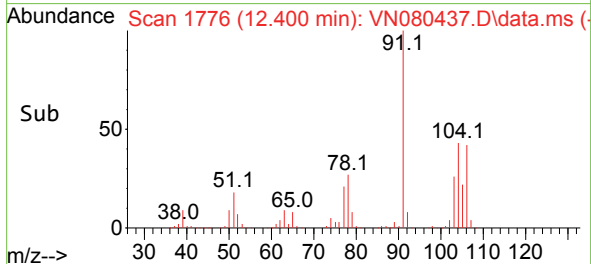
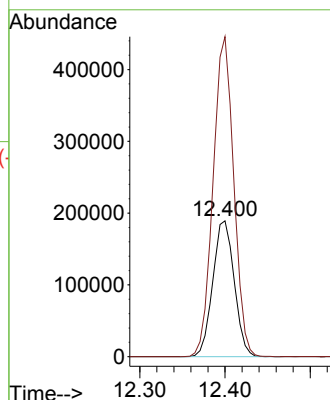
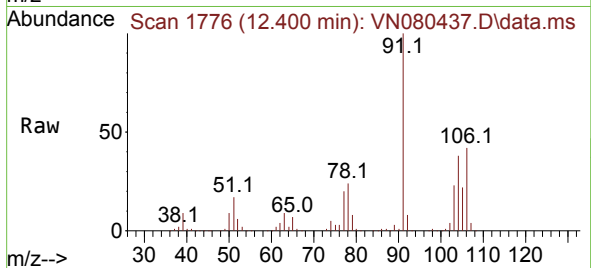
ClientSampleId :

Tgt Ion:106 Resp: 330287

Ion Ratio Lower Upper

106 100

91 227.5 105.2 315.5



#70

Styrene

Concen: 48.504 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

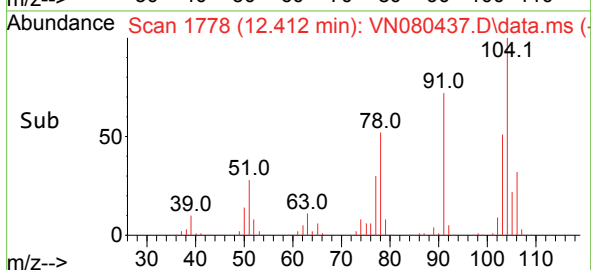
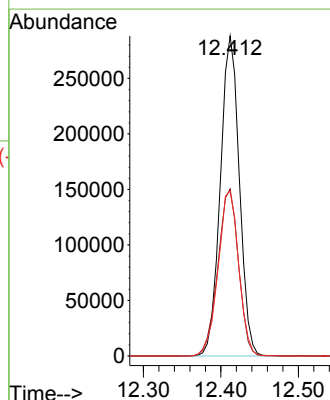
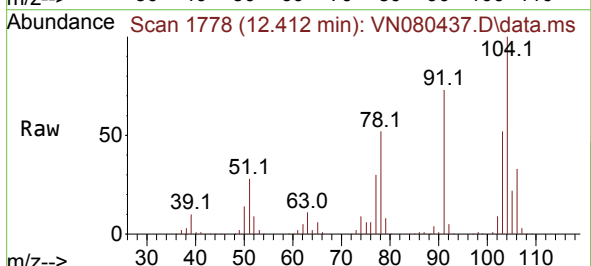
Tgt Ion:104 Resp: 491973

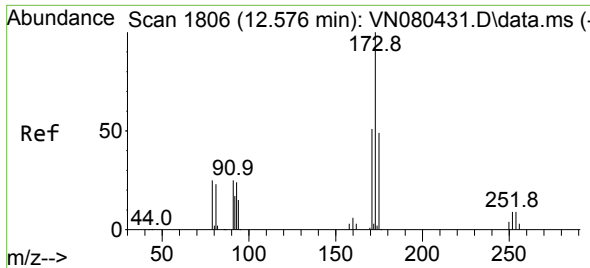
Ion Ratio Lower Upper

104 100

78 56.6 39.5 59.3

103 55.7 43.2 64.8

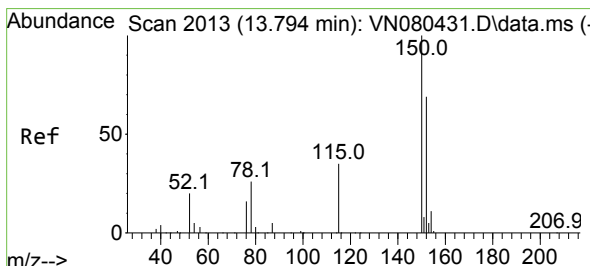
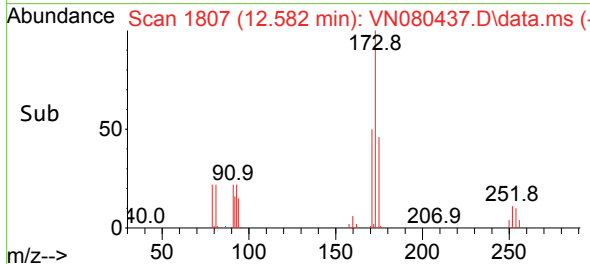
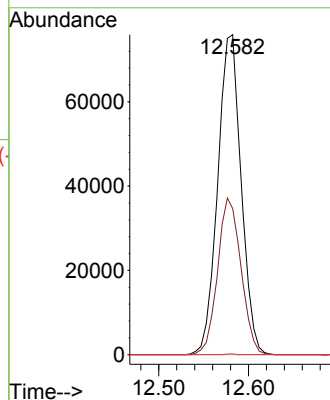
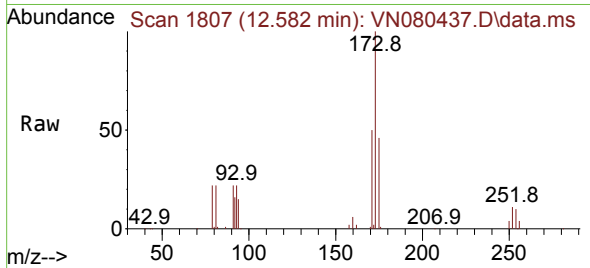




#71
Bromoform
Concen: 45.389 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

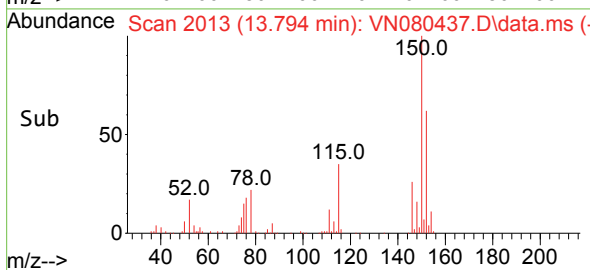
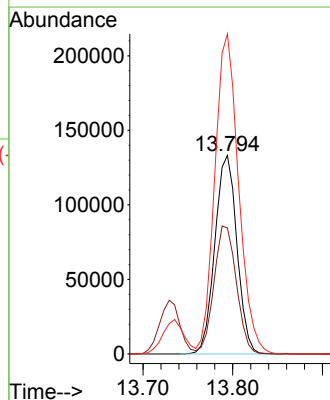
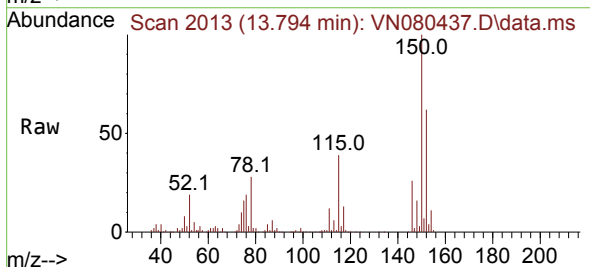
Instrument :
MSVOA_N
ClientSampleId :

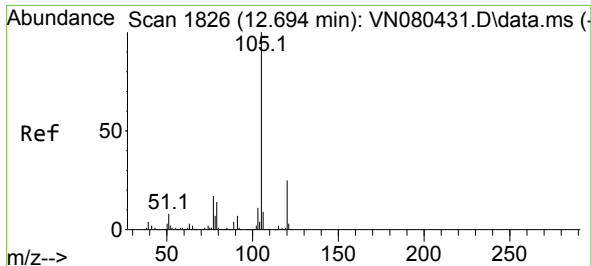
Tgt Ion:173 Resp: 137611
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:152 Resp: 227306
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 173.6 0.0 355.8

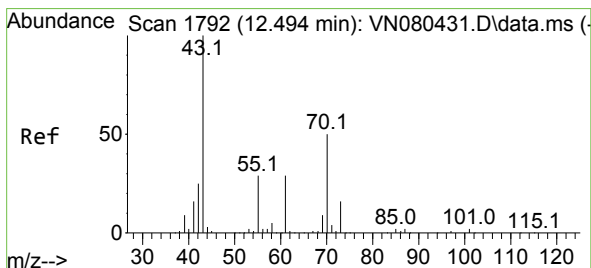
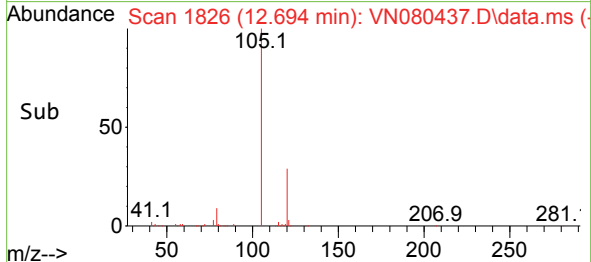
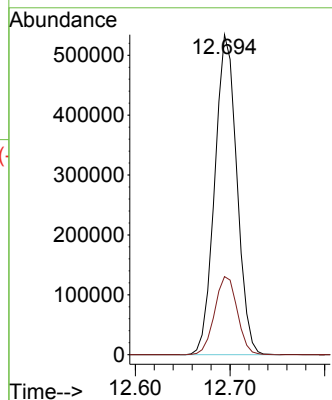
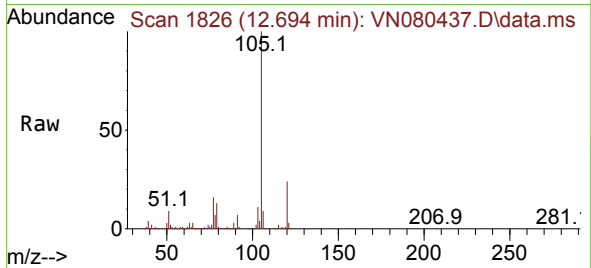




#73
Isopropylbenzene
Concen: 47.403 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

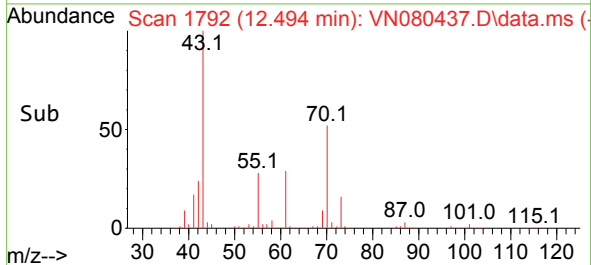
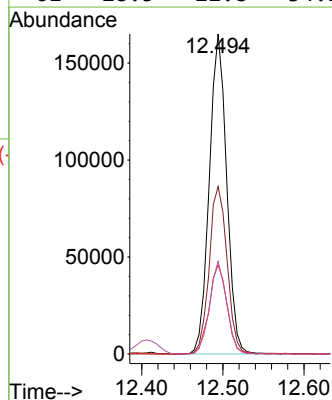
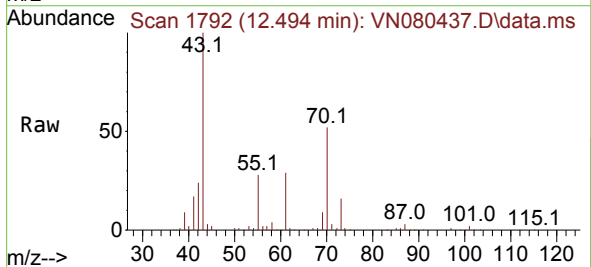
Instrument :
MSVOA_N
ClientSampleId :

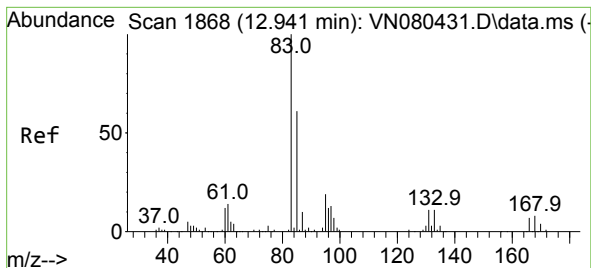
Tgt Ion:105 Resp: 865586
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#74
N-ethyl acetate
Concen: 45.929 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 43 Resp: 244908
Ion Ratio Lower Upper
43 100
70 53.7 43.4 65.2
55 28.5 21.4 32.0
61 28.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.062 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

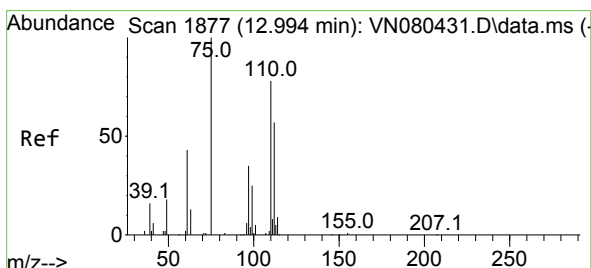
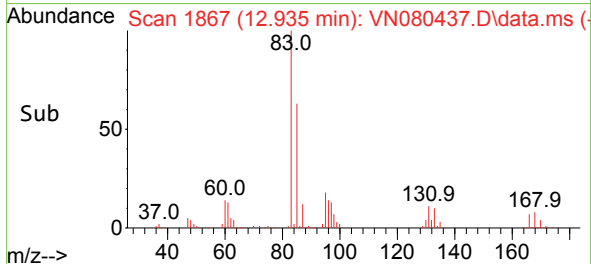
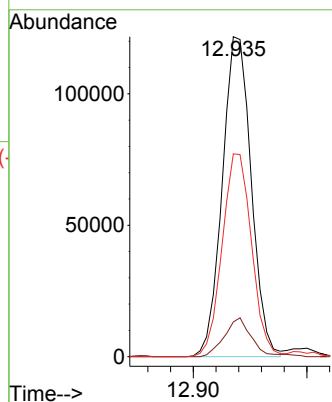
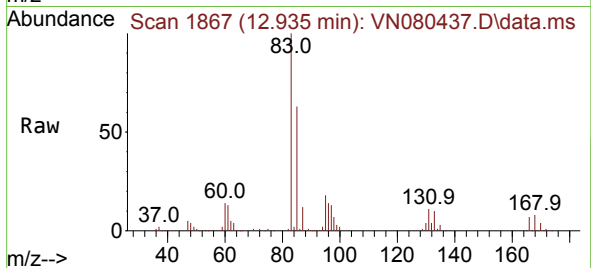
Tgt Ion: 83 Resp: 215596

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.324 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080437.D

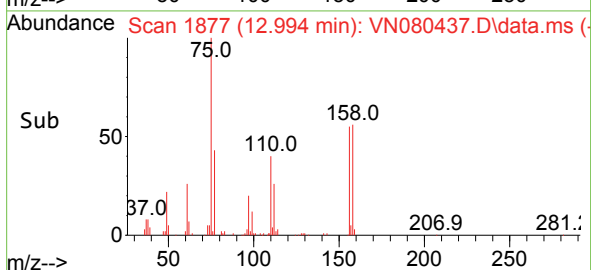
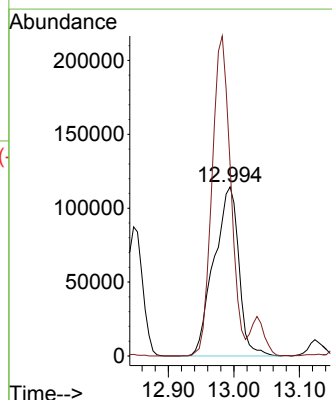
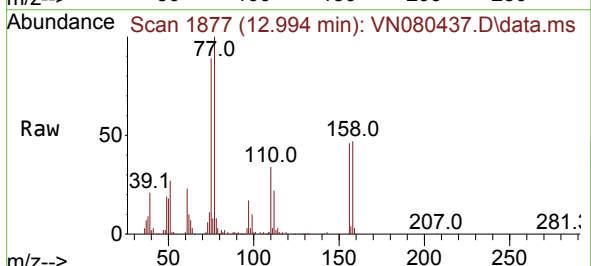
Acq: 12 Dec 2023 14:55

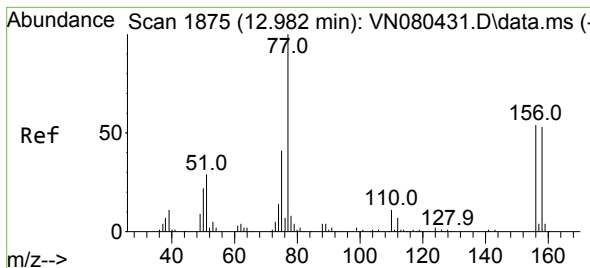
Tgt Ion: 75 Resp: 300758

Ion Ratio Lower Upper

75 100

77 142.5 84.5 253.5





#77

Bromobenzene

Concen: 45.999 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

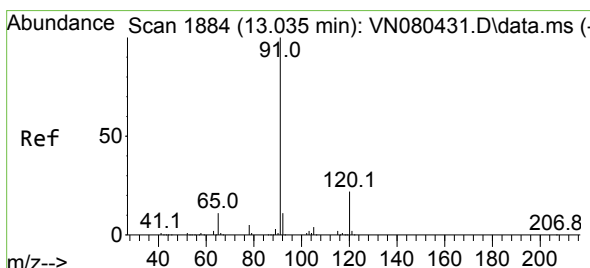
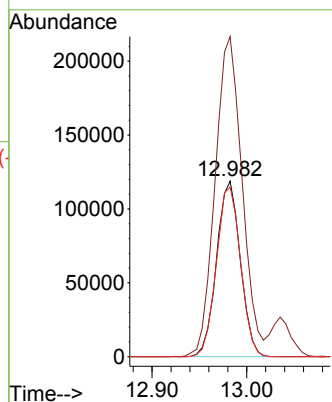
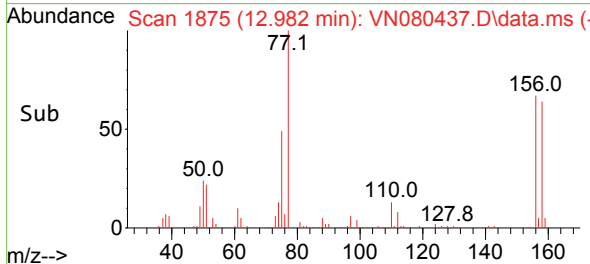
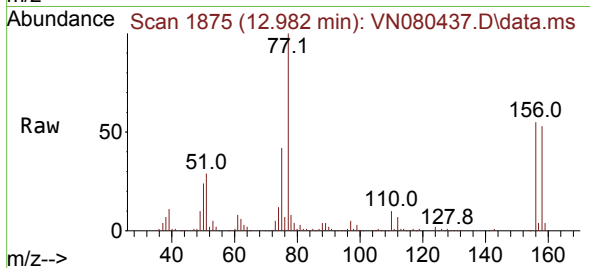
Tgt Ion:156 Resp: 206626

Ion Ratio Lower Upper

156 100

77 207.4 107.7 323.3

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 47.594 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080437.D

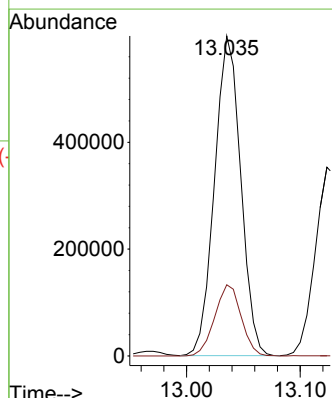
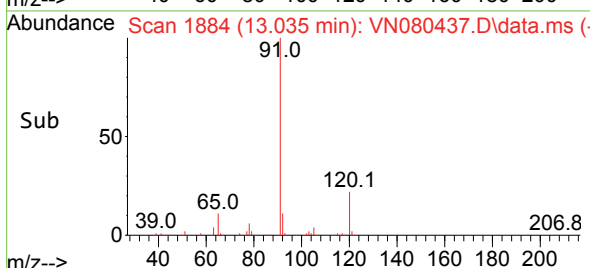
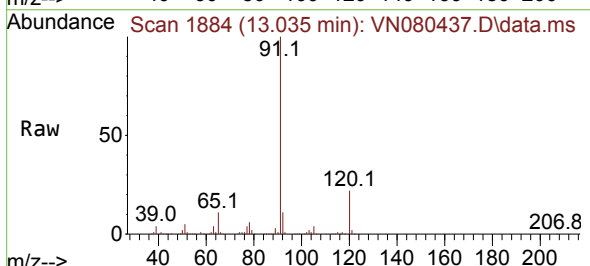
Acq: 12 Dec 2023 14:55

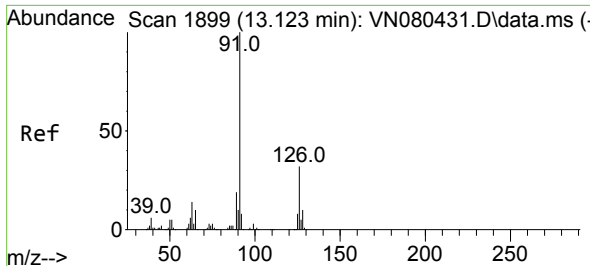
Tgt Ion: 91 Resp: 958208

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

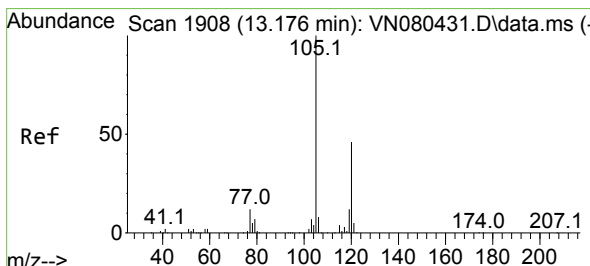
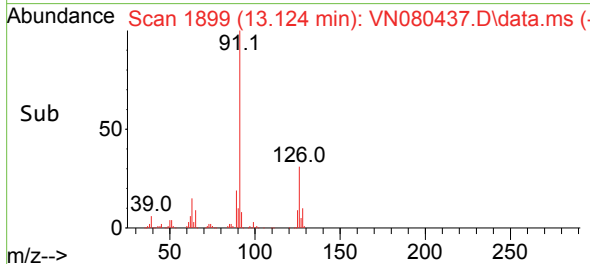
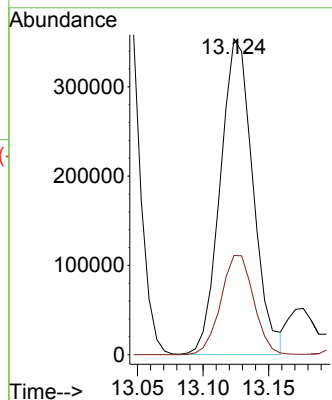
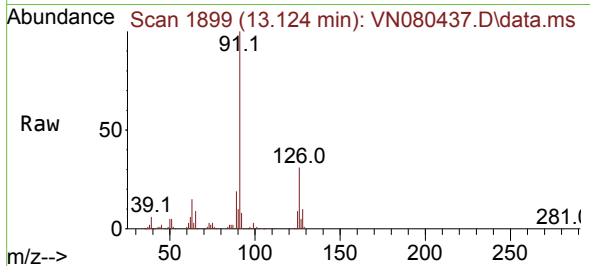




#79
2-Chlorotoluene
Concen: 46.678 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

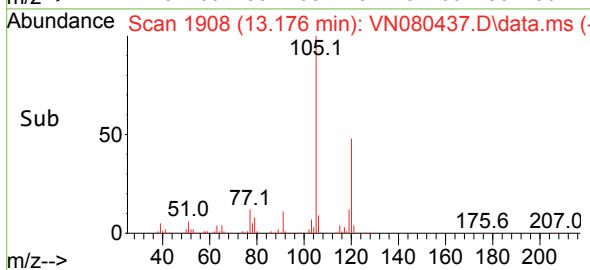
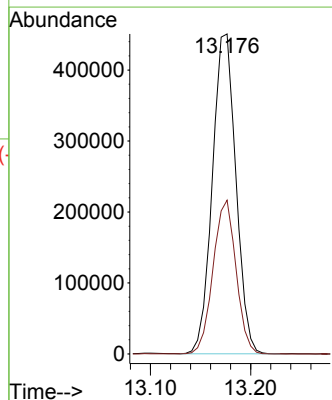
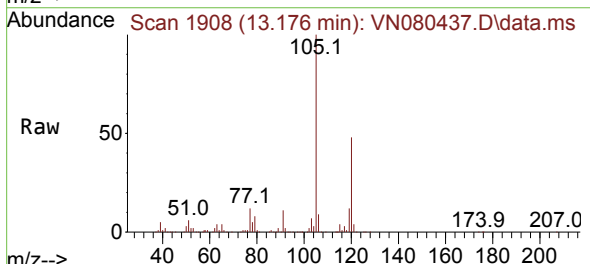
Instrument :
MSVOA_N
ClientSampleId :

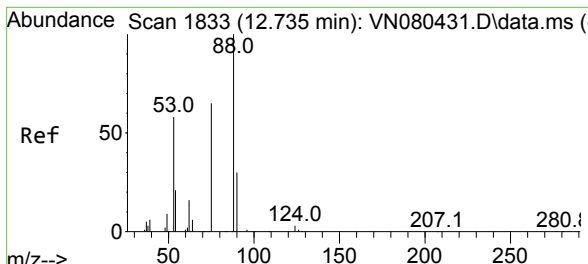
Tgt Ion: 91 Resp: 613532
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.750 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion: 105 Resp: 735213
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3

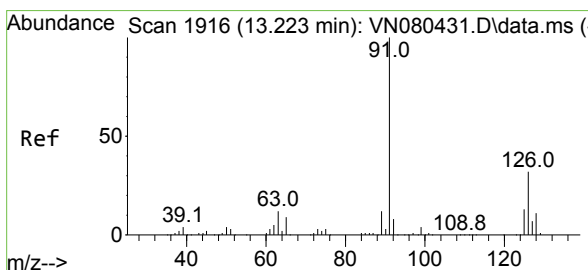
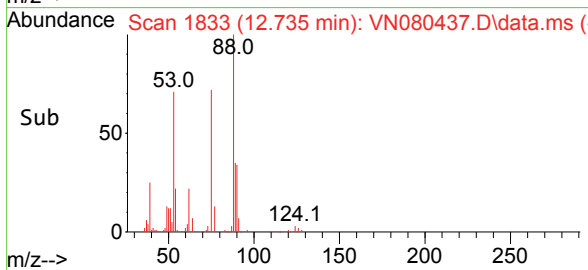
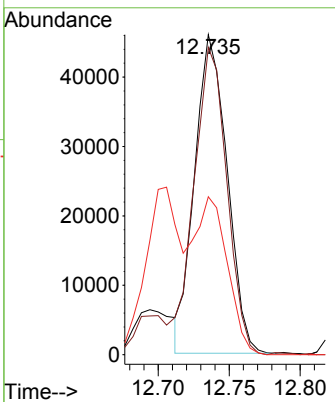
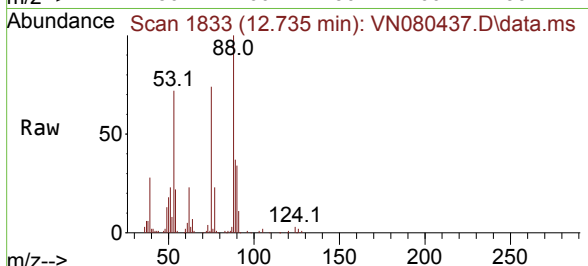




#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.328 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

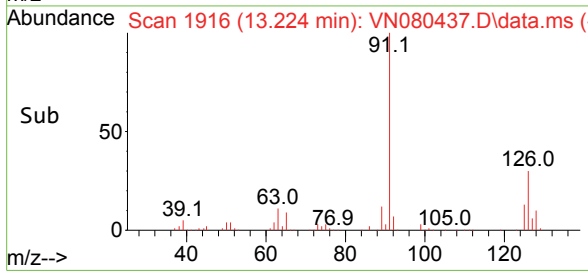
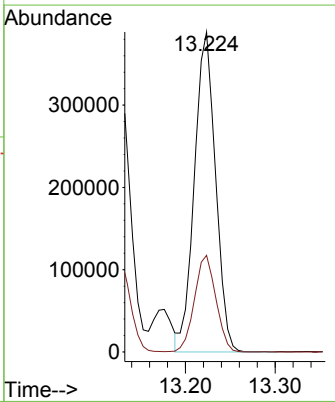
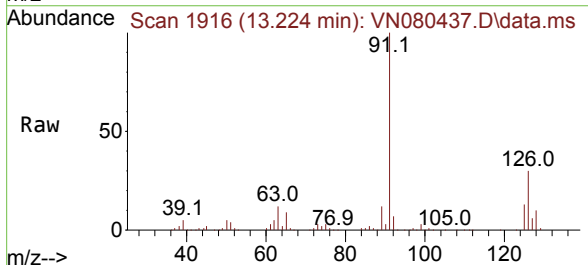
Instrument :
 MSVOA_N
 ClientSampleId :

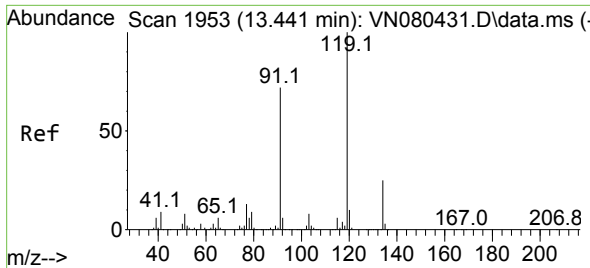
Tgt Ion:	75	Resp:	73105
Ion	Ratio	Lower	Upper
75	100		
53	98.6	67.4	101.2
89	43.7	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 47.032 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

Tgt Ion:	91	Resp:	635416
Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.7	50.0

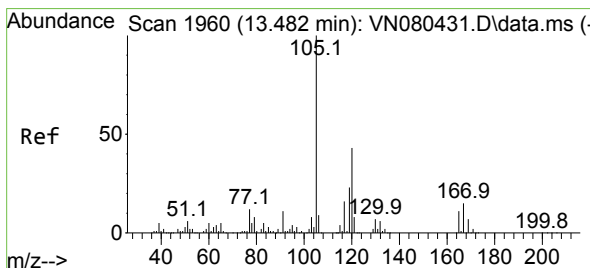
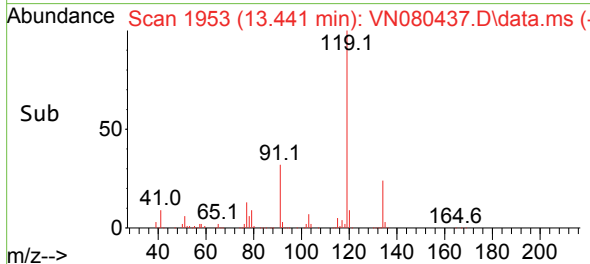
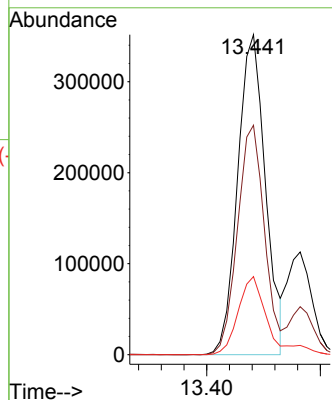
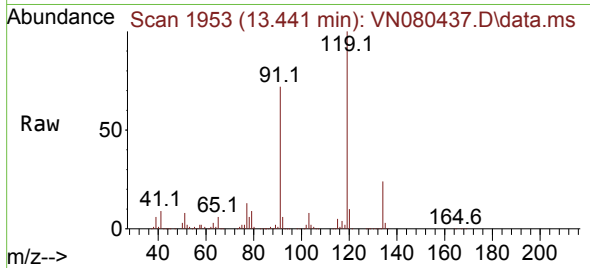




#83
 tert-Butylbenzene
 Concen: 46.389 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

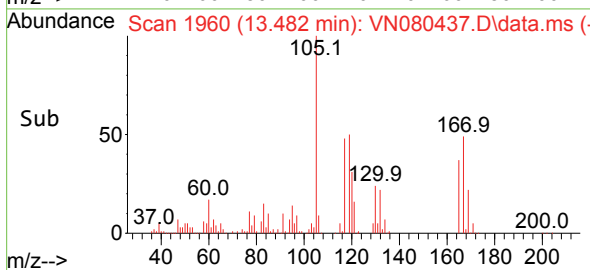
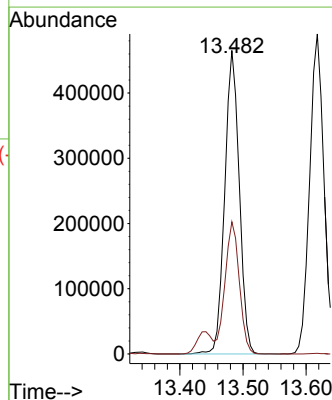
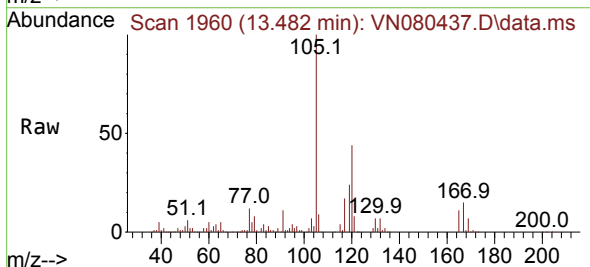
Instrument :
 MSVOA_N
 ClientSampleId :

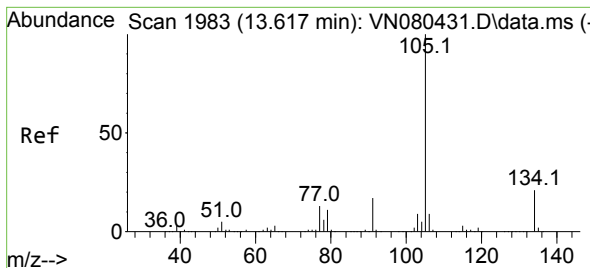
Tgt Ion:119 Resp: 597466
 Ion Ratio Lower Upper
 119 100
 91 69.7 33.9 101.7
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.415 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080437.D
 Acq: 12 Dec 2023 14:55

Tgt Ion:105 Resp: 741812
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.700 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

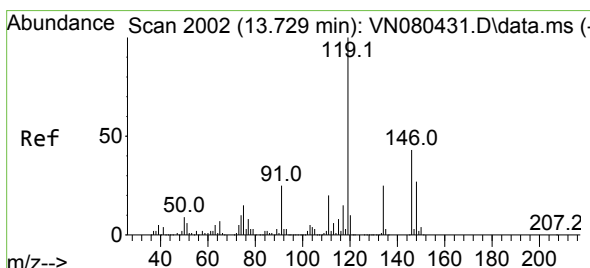
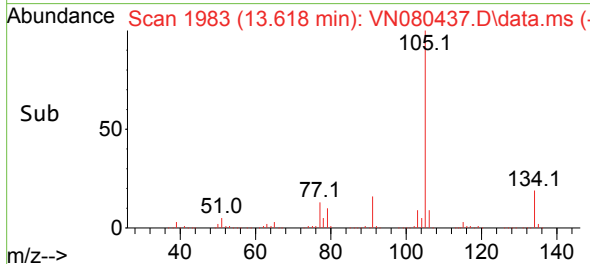
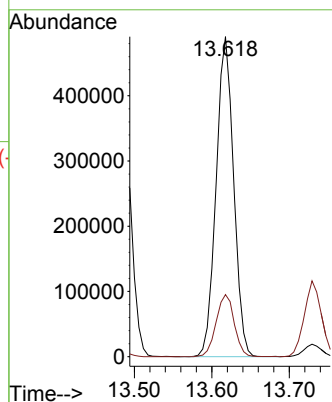
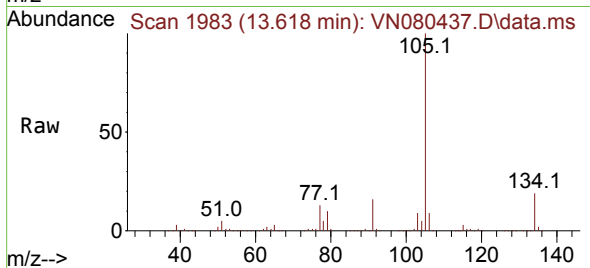
ClientSampleId :

Tgt Ion:105 Resp: 769403

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.416 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

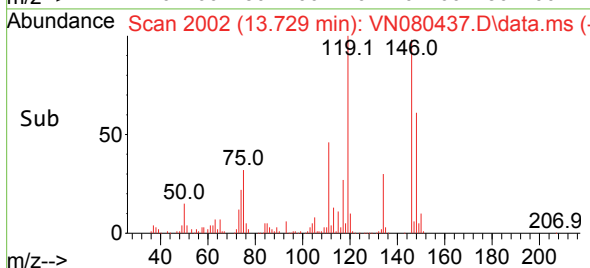
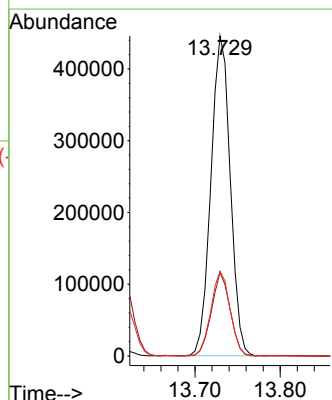
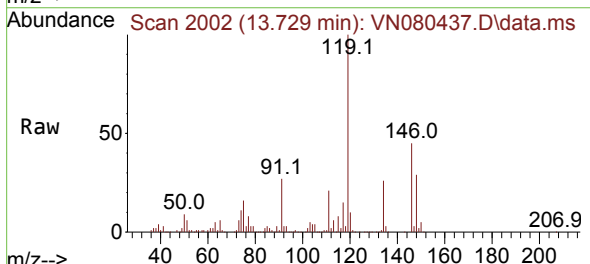
Tgt Ion:119 Resp: 705370

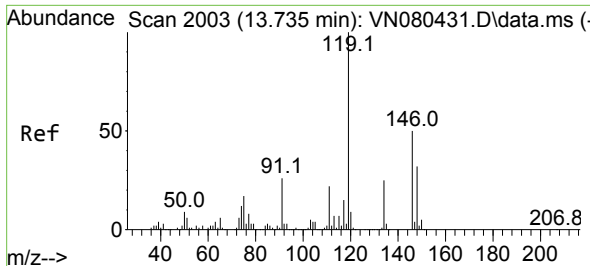
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.603 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

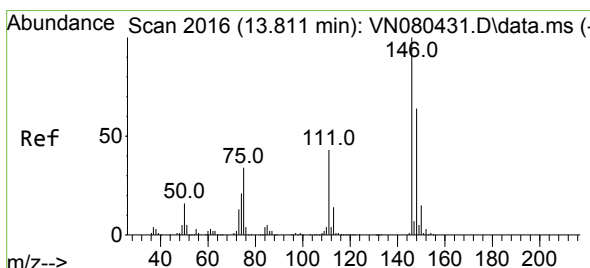
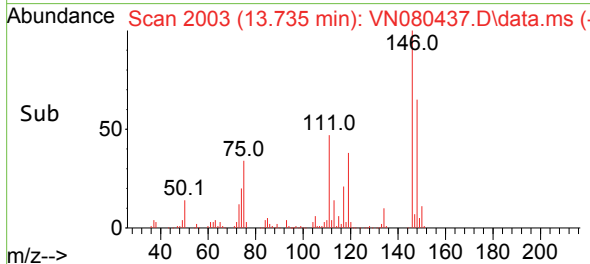
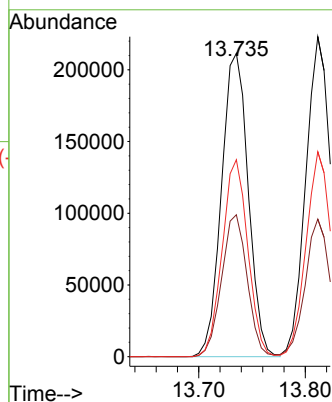
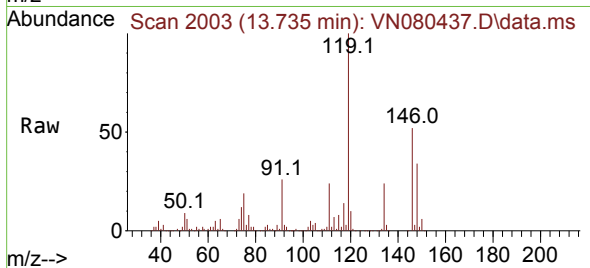
Tgt Ion:146 Resp: 368831

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.3

148 62.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.152 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

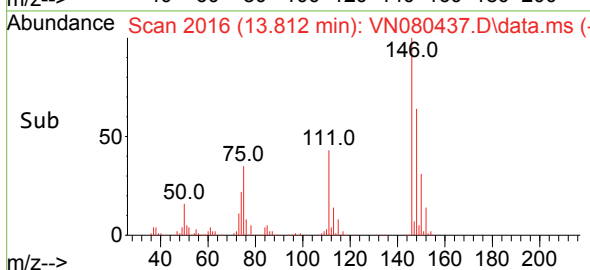
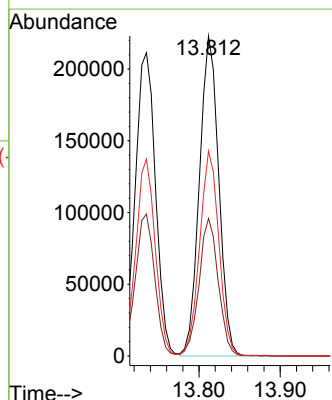
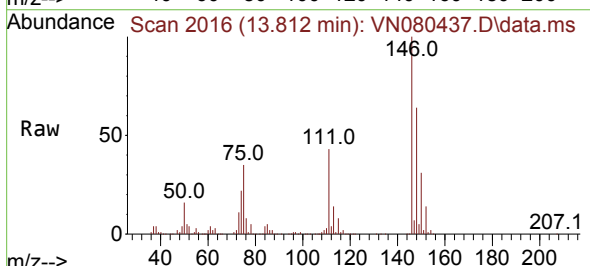
Tgt Ion:146 Resp: 368710

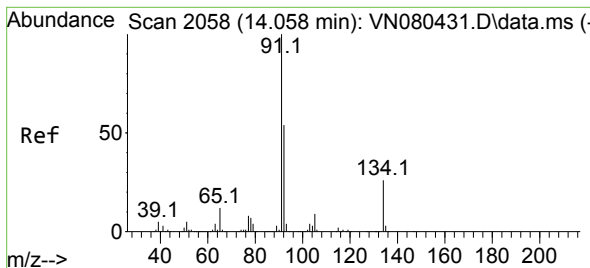
Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.8

148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 47.388 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

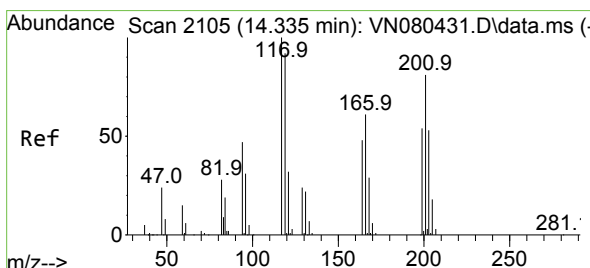
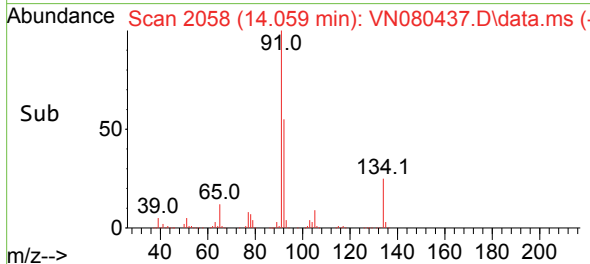
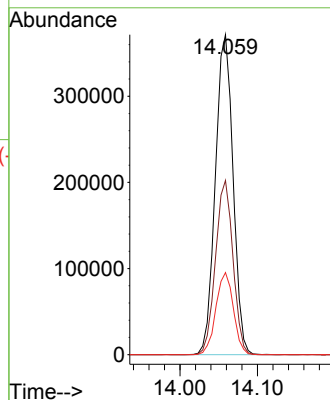
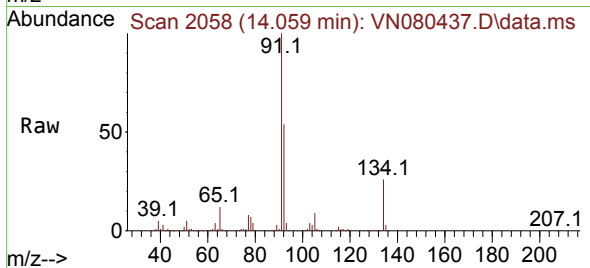
Tgt Ion: 91 Resp: 588713

Ion Ratio Lower Upper

91 100

92 53.8 26.4 79.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 45.748 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080437.D

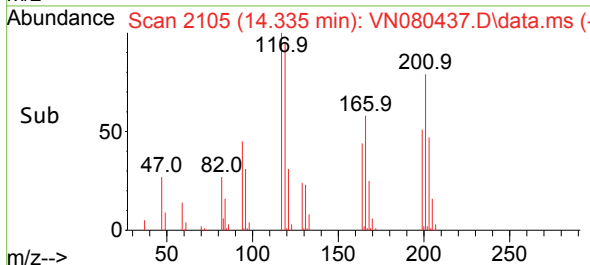
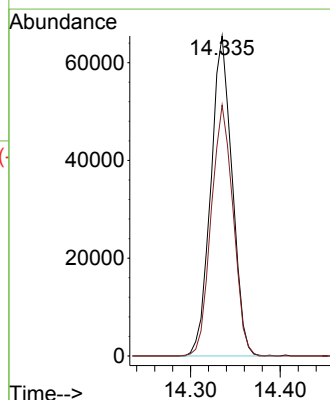
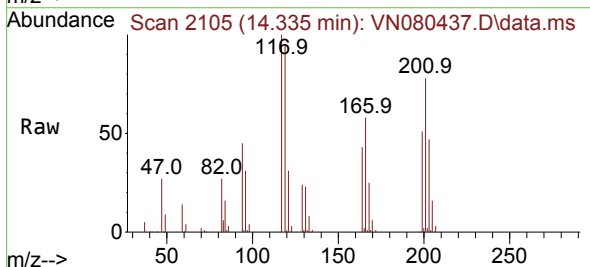
Acq: 12 Dec 2023 14:55

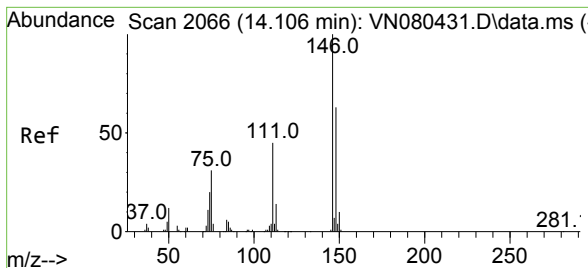
Tgt Ion: 117 Resp: 108081

Ion Ratio Lower Upper

117 100

201 80.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 47.109 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

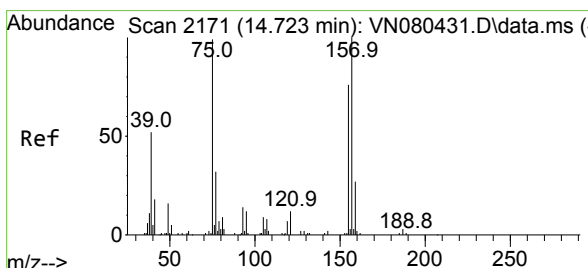
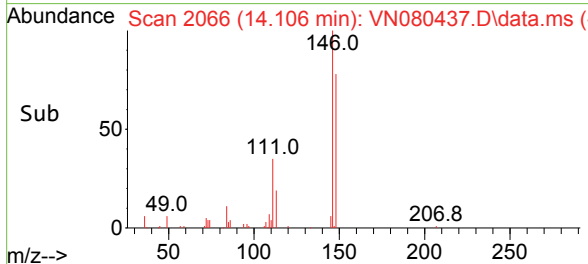
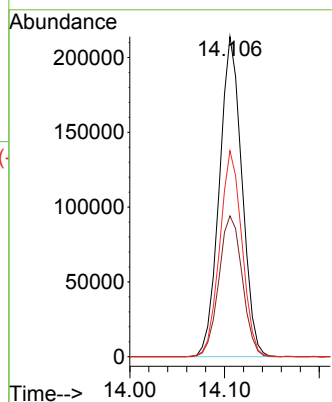
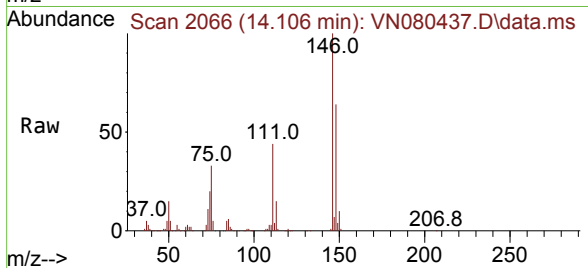
Tgt Ion:146 Resp: 354036

Ion Ratio Lower Upper

146 100

111 45.7 22.0 66.0

148 63.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.662 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

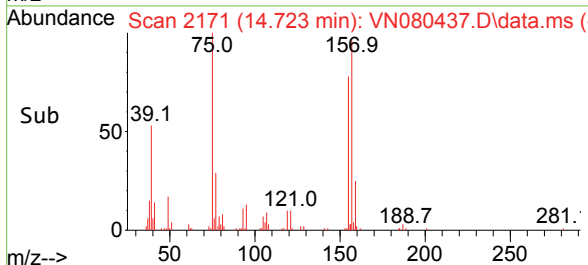
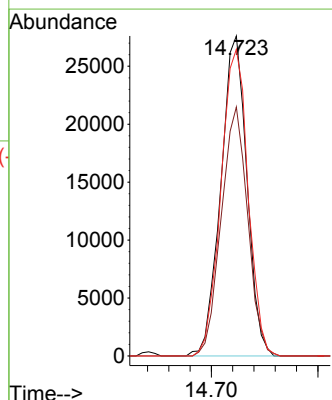
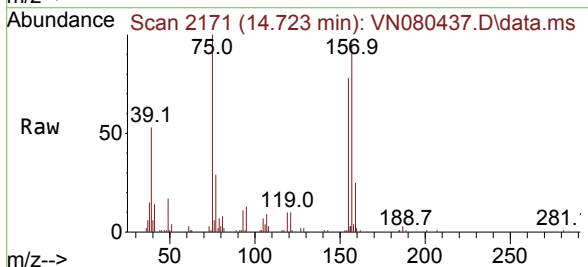
Tgt Ion: 75 Resp: 46995

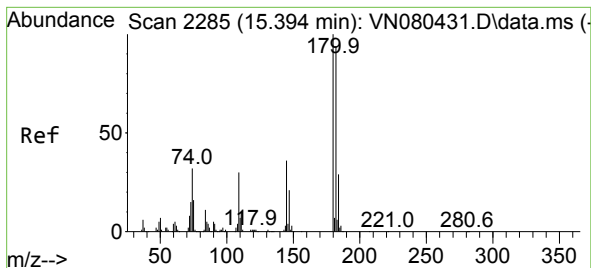
Ion Ratio Lower Upper

75 100

155 78.8 39.1 117.2

157 99.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.457 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

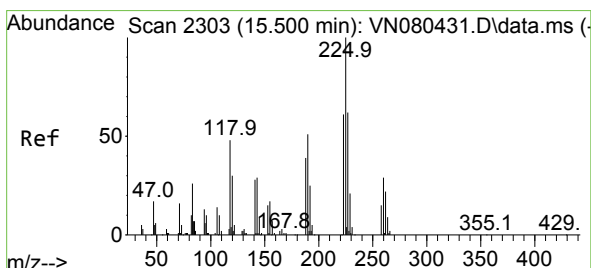
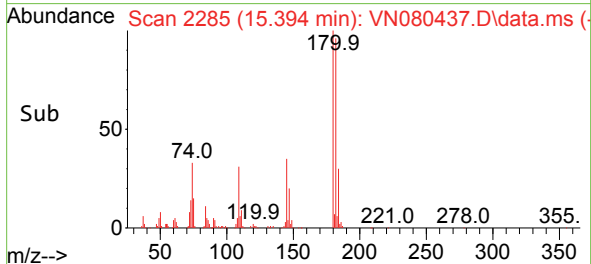
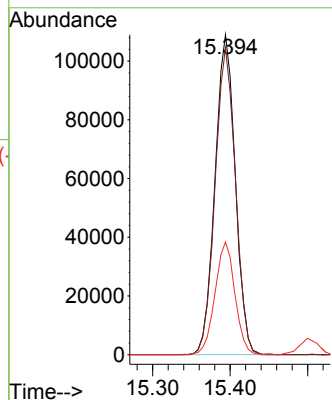
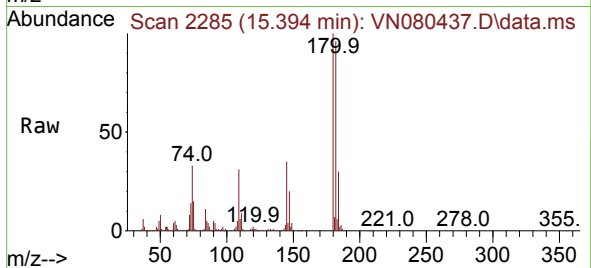
Tgt Ion:180 Resp: 198019

Ion Ratio Lower Upper

180 100

182 96.3 46.1 138.2

145 34.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.266 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080437.D

Acq: 12 Dec 2023 14:55

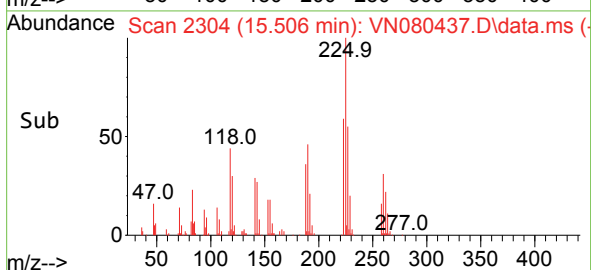
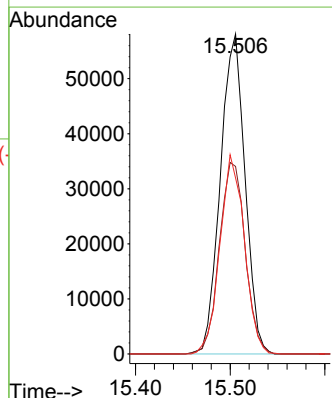
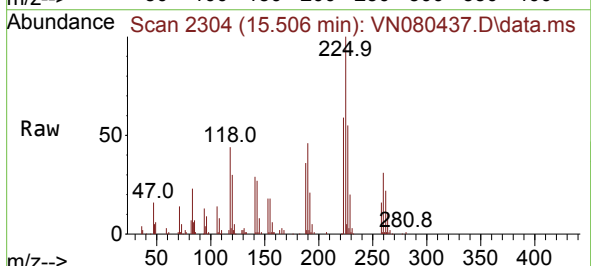
Tgt Ion:225 Resp: 105153

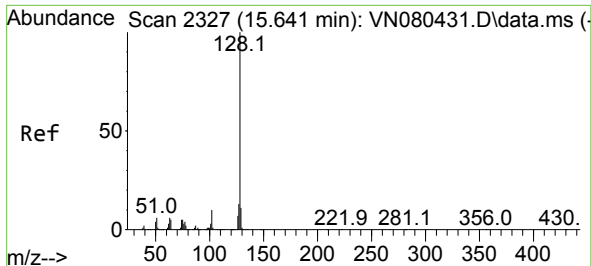
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 61.6 31.9 95.9

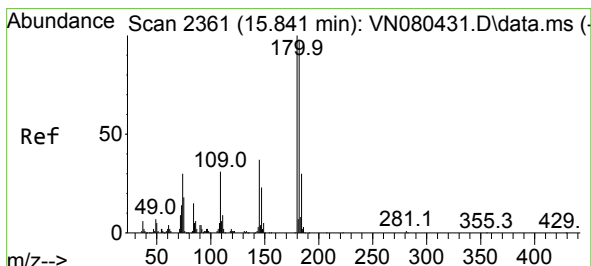
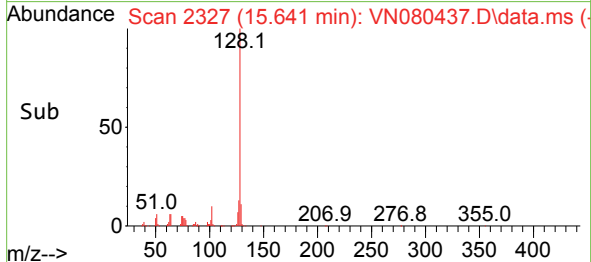
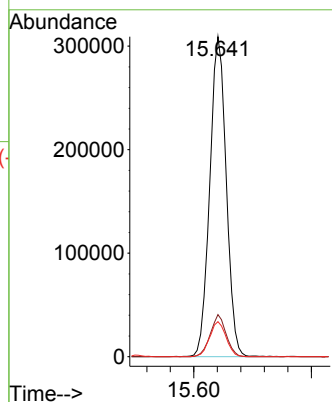
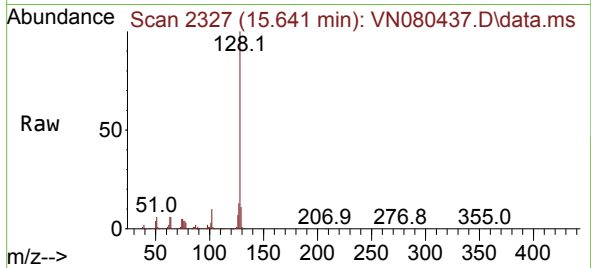




#95
Naphthalene
Concen: 47.401 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 600598
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.309 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080437.D
Acq: 12 Dec 2023 14:55

Tgt Ion:180 Resp: 186465
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 36.0 17.5 52.6

