

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078919.D
 Acq On : 17 Aug 2023 12:14
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	46534	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	269907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	240060	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	113469	30.098	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.333%	
60) 4-Bromofluorobenzene	12.853	95	112397	32.097	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 107.000%	
63) Toluene-d8	10.571	98	334086	29.801	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	221327	75.374	ug/l	99
3) Chloromethane	2.365	50	257380	73.138	ug/l	98
4) Vinyl Chloride	2.512	62	256416	73.620	ug/l	96
5) Bromomethane	2.936	94	147533	68.623	ug/l	98
6) Chloroethane	3.112	64	158387	69.978	ug/l	95
7) Trichlorofluoromethane	3.489	101	346653	73.896	ug/l	100
8) Diethyl Ether	3.959	74	137128	77.721	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	187885	76.771	ug/l	90
10) 1,1-Dichloroethene	4.342	96	187686	75.615	ug/l	94
11) Methyl Iodide	4.595	142	244848	82.319	ug/l	96
12) Methyl Acetate	5.030	43	449095	77.732	ug/l	99
13) Acrolein	4.177	56	149694	371.730	ug/l	95
14) Acrylonitrile	5.718	53	596309	392.637	ug/l #	92
15) Acetone	4.430	58	210983	452.359	ug/l	96
16) Carbon Disulfide	4.712	76	523224	73.879	ug/l	99
17) Allyl chloride	5.030	41	335716	75.821	ug/l	98
18) Methylene Chloride	5.277	84	218613	74.191	ug/l	87
19) trans-1,2-Dichloroethene	5.783	96	208646	75.212	ug/l	92
20) Diisopropyl ether	6.677	45	788333	80.218	ug/l	90
21) 1,1-Dichloroethane	6.571	63	419111	76.857	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	246783	77.726	ug/l	98
23) tert-Butyl Alcohol	5.530	59	225017	397.201	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	690857	78.921	ug/l	100
25) Chloroform	7.971	83	413824	75.330	ug/l	100
26) Cyclohexane	8.259	56	316644	79.379	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	314283	76.544	ug/l	99
30) 2-Butanone	7.489	43	960887	399.766	ug/l	99
31) 2,2-Dichloropropane	7.494	77	358280	78.955	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	364931	74.445	ug/l	99
33) Carbon Tetrachloride	8.365	117	322859	76.039	ug/l	95
34) Benzene	8.612	78	913710	74.260	ug/l	99
35) Methacrylonitrile	7.777	41	203272	79.346	ug/l	94
36) 1,2-Dichloroethane	8.671	62	337116	73.164	ug/l	96
37) Trichloroethene	9.359	130	222523	72.654	ug/l	94
38) Methylcyclohexane	9.606	83	286238	79.185	ug/l	97
39) 1,2-Dichloropropane	9.630	63	240173	72.466	ug/l	99
40) Dibromomethane	9.712	93	161143	72.535	ug/l	98
41) Bromodichloromethane	9.894	83	335015	74.986	ug/l	100
42) Vinyl Acetate	6.606	43	2630374	388.141	ug/l	99

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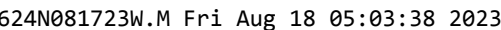
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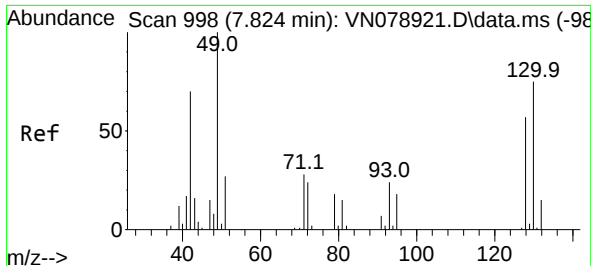
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	362295	79.260	ug/l	100
44) Isopropyl Acetate	8.694	43	620573	75.528	ug/l	98
45) 1,4-Dioxane	9.700	88	90428	1462.517	ug/l	99
46) Methyl methacrylate	9.688	41	291846	80.618	ug/l	95
47) n-amyl Acetate	12.500	43	534795	84.819	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	380861	80.041	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	403964	79.173	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	223669	74.502	ug/l	98
51) Ethyl methacrylate	10.877	69	375316	80.770	ug/l	96
52) 1,3-Dichloropropane	11.171	76	400436	74.468	ug/l	99
53) Dibromochloromethane	11.365	129	253762	77.228	ug/l	98
54) 1,2-Dibromoethane	11.471	107	234653	76.131	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	826259	384.705	ug/l	99
56) Bromoform	12.582	173	180898	78.029	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1833731	385.005	ug/l	99
59) 2-Hexanone	11.200	43	1393328	399.272	ug/l	99
61) Tetrachloroethene	11.106	164	173316	74.564	ug/l	95
62) Toluene	10.635	91	990160	75.550	ug/l	98
64) Chlorobenzene	11.894	112	588203	74.644	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.965	131	227763	75.592	ug/l	99
66) Ethyl Benzene	11.971	91	1070629	78.096	ug/l	100
67) m/p-Xylenes	12.076	106	808906	158.251	ug/l	99
68) o-Xylene	12.406	106	396454	78.662	ug/l	100
69) Styrene	12.418	104	673557	82.248	ug/l	98
70) Isopropylbenzene	12.700	105	981453	80.370	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	342056	74.721	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	443144	110.468	ug/l	57
73) Bromobenzene	12.988	156	242747	78.081	ug/l	97
74) n-propylbenzene	13.041	91	1131025	81.723	ug/l	99
75) 2-Chlorotoluene	13.129	91	697863	79.484	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	779094	80.482	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	121054	86.737	ug/l	87
78) 4-Chlorotoluene	13.223	91	694381	82.552	ug/l	100
79) tert-butylbenzene	13.441	119	649085	79.348	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	772488	81.155	ug/l	100
81) sec-Butylbenzene	13.623	105	898544	83.231	ug/l	98
82) p-Isopropyltoluene	13.735	119	743516	84.355	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	414292	82.573	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	421406	85.549	ug/l	98
85) n-Butylbenzene	14.059	91	616928	88.992	ug/l	98
86) Hexachloroethane	14.335	117	145637	80.753	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	426051	82.909	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	68535	83.412	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	186988	92.113	ug/l	98
90) Hexachlorobutadiene	15.506	225	84669	80.133	ug/l	96
91) Naphthalene	15.647	128	587019	100.286	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	186988	92.137	ug/l	98

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

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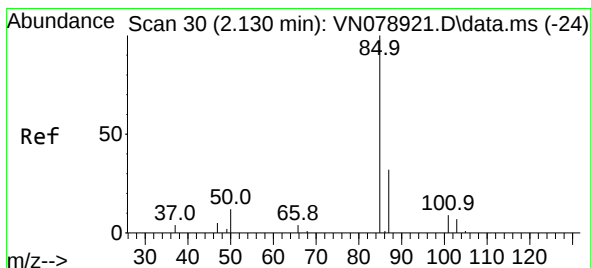
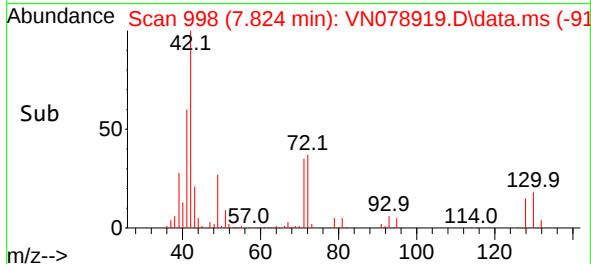
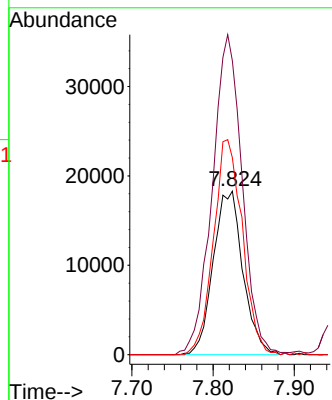
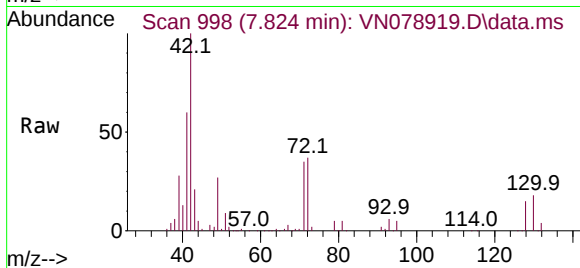




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

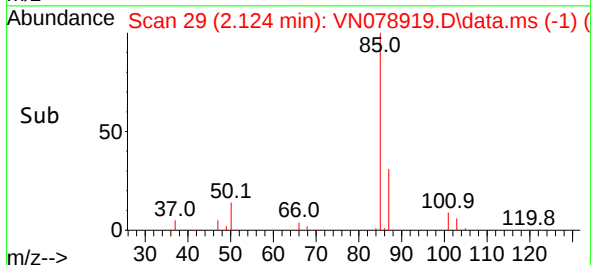
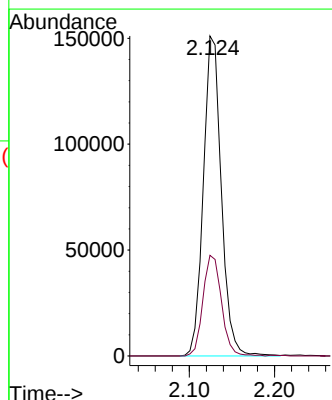
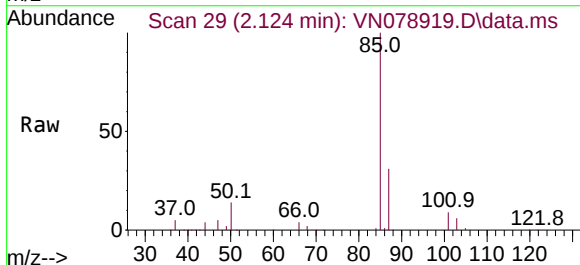
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MSVOA_N
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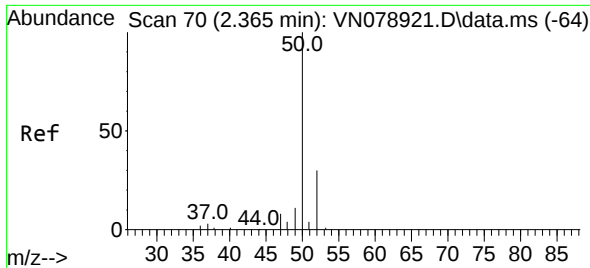
Tgt Ion:128 Resp: 46534
Ion Ratio Lower Upper
128 100
49 197.0 0.0 481.8
130 127.8 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 75.374 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 85 Resp: 221327
Ion Ratio Lower Upper
85 100
87 31.5 15.9 47.7

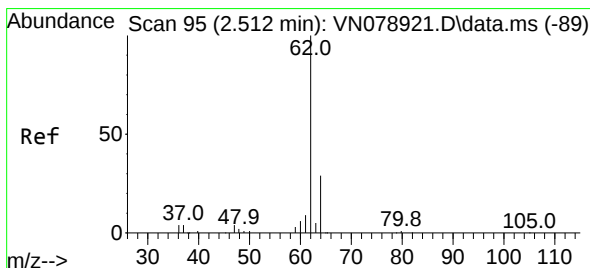
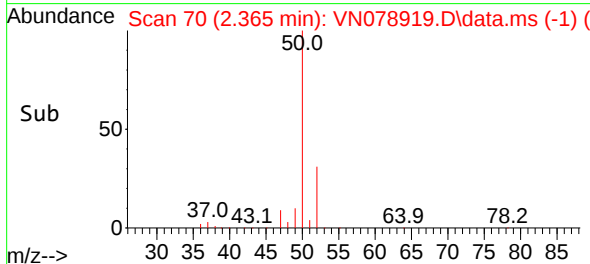
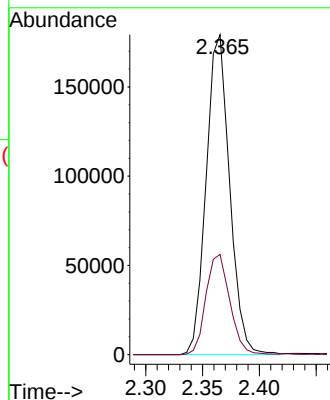
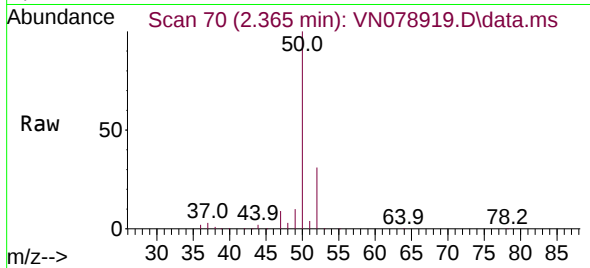




#3
Chloromethane
Concen: 73.138 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

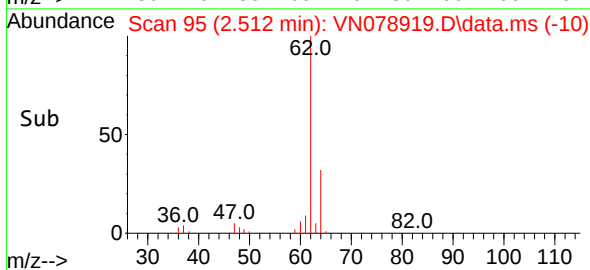
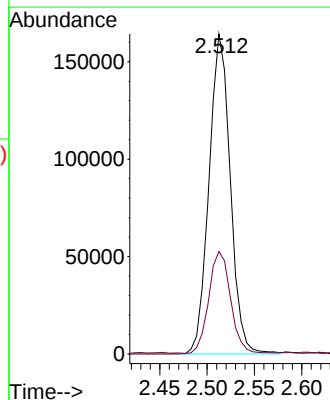
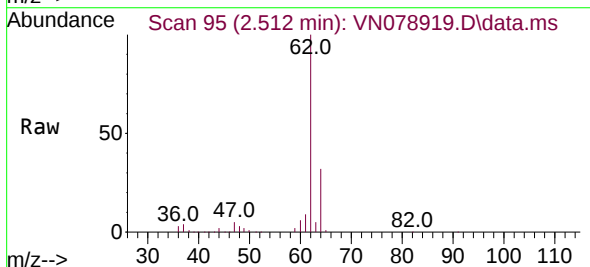
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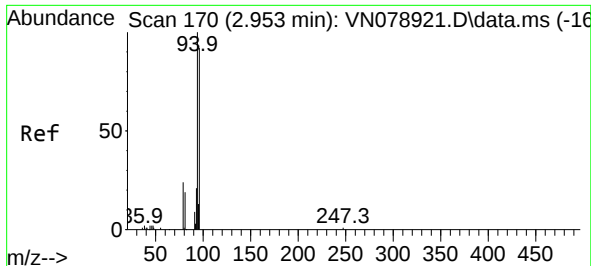
Tgt Ion: 50 Resp: 257380
Ion Ratio Lower Upper
50 100
52 31.4 24.2 36.4



#4
Vinyl Chloride
Concen: 73.620 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 62 Resp: 256416
Ion Ratio Lower Upper
62 100
64 31.7 23.8 35.8

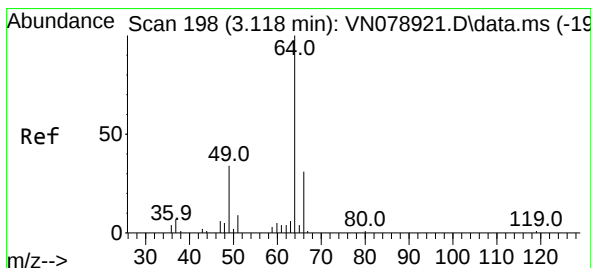
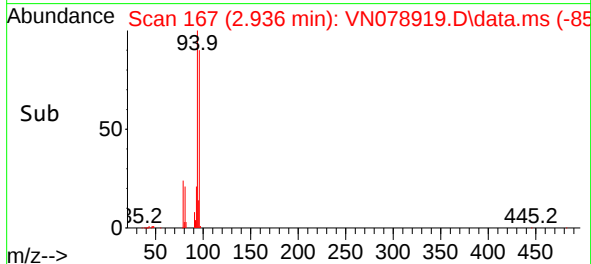
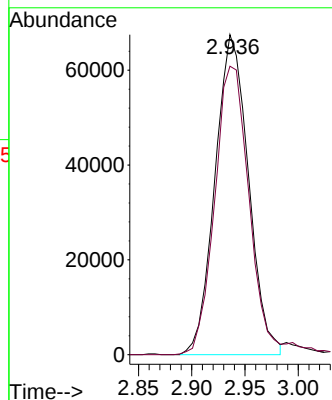
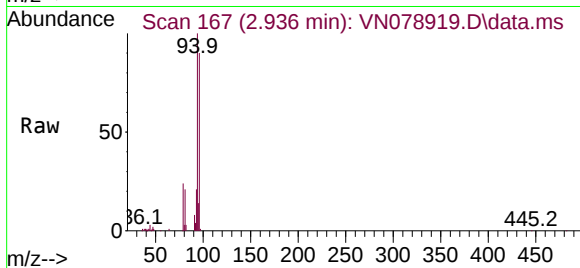




#5
Bromomethane
Concen: 68.623 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

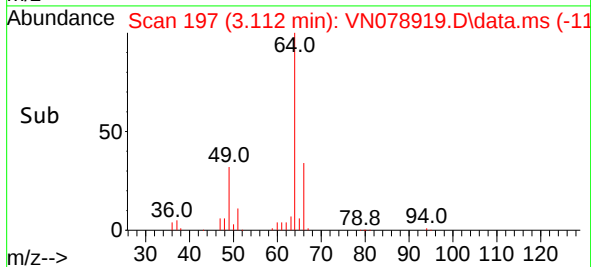
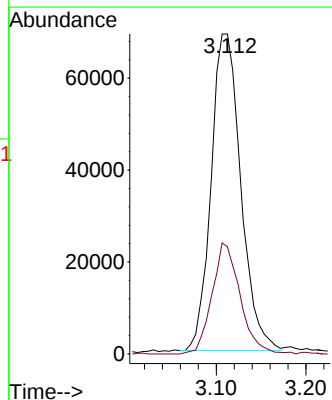
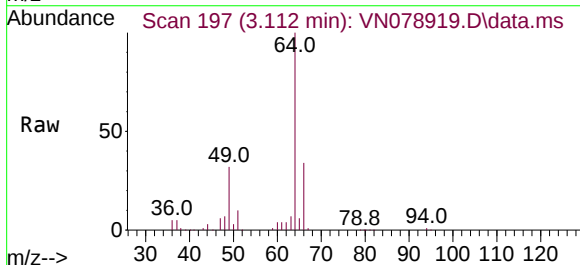
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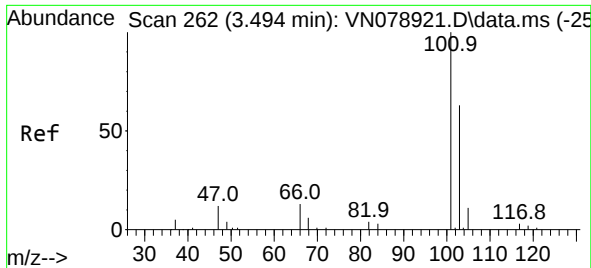
Tgt Ion: 94 Resp: 147533
Ion Ratio Lower Upper
94 100
96 89.9 73.6 110.4



#6
Chloroethane
Concen: 69.978 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

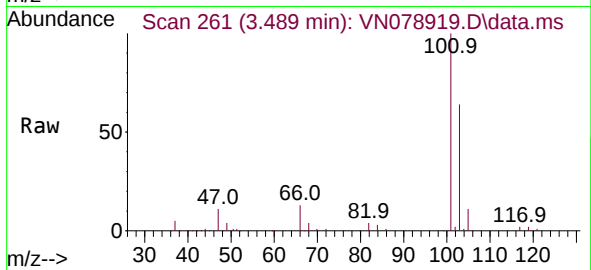
Tgt Ion: 64 Resp: 158387
Ion Ratio Lower Upper
64 100
66 33.9 24.9 37.3



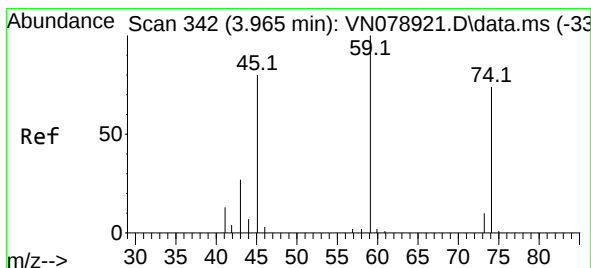
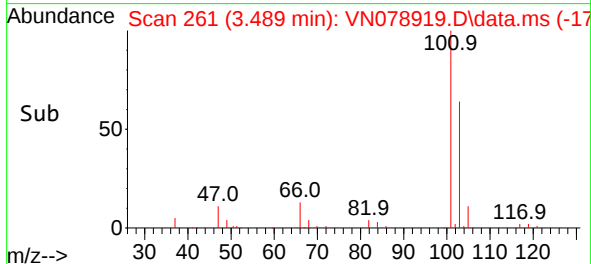
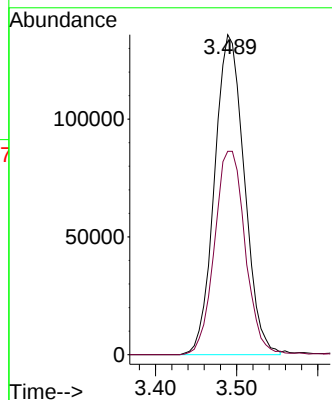


#7
 Trichlorofluoromethane
 Concen: 73.896 ug/l
 RT: 3.489 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN078919.D
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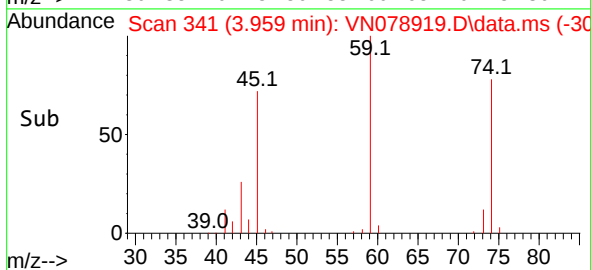
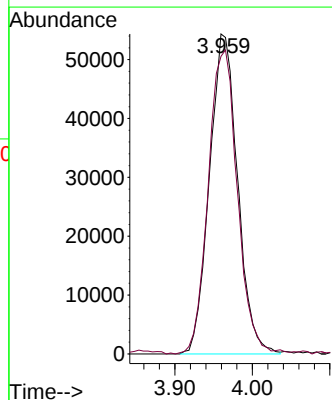
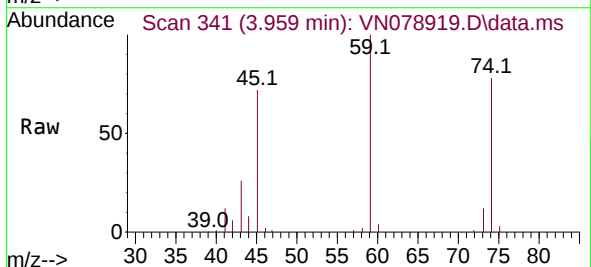


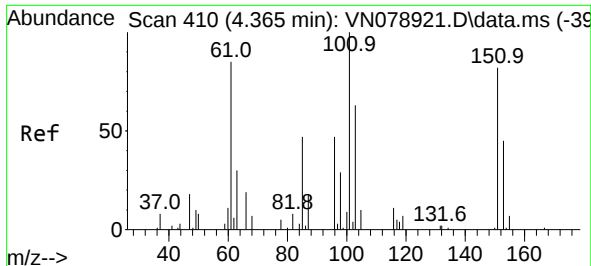
Tgt Ion:101 Resp: 346653
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3



#8
 Diethyl Ether
 Concen: 77.721 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN078919.D
 Acq: 17 Aug 2023 12:14

Tgt Ion: 74 Resp: 137128
 Ion Ratio Lower Upper
 74 100
 45 98.1 21.3 191.9

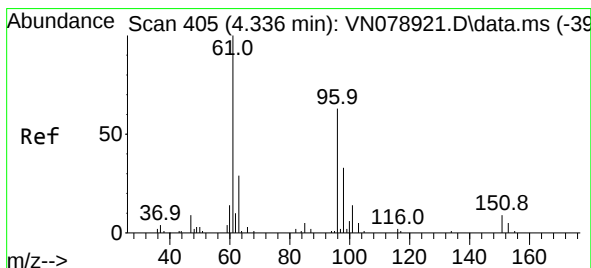
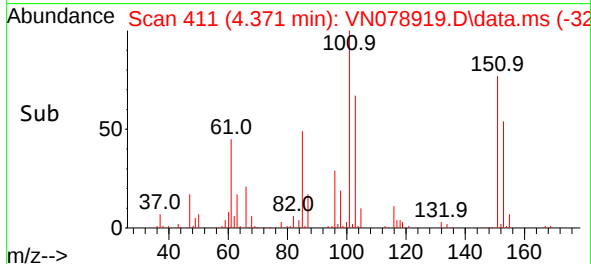
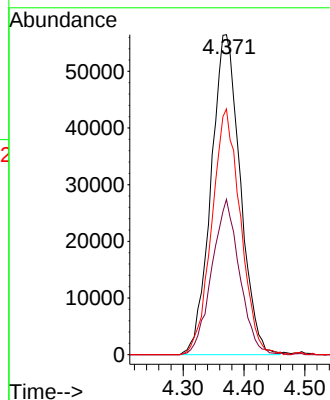
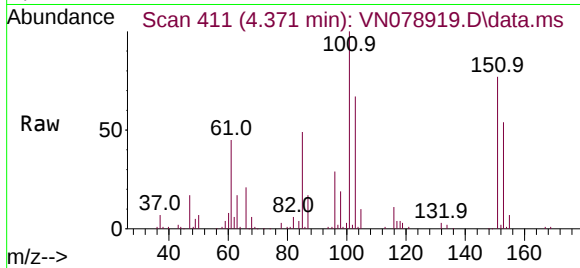




#9
1,1,2-Trichlorotrifluoroethane
Concen: 76.771 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078919.D
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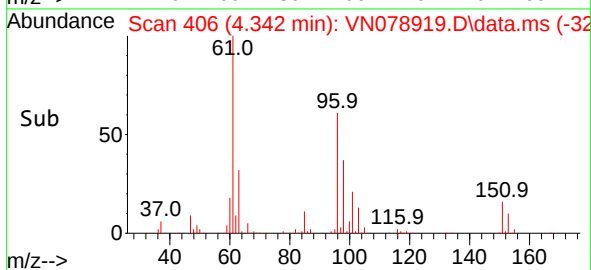
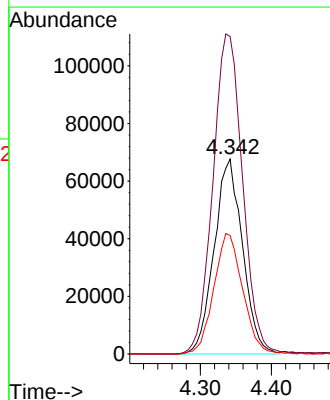
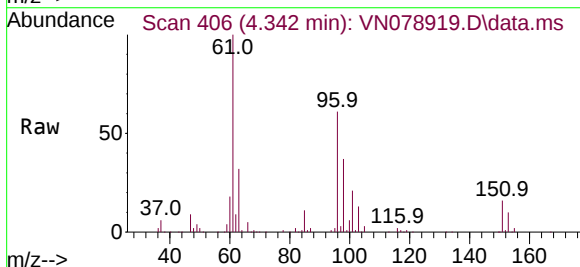
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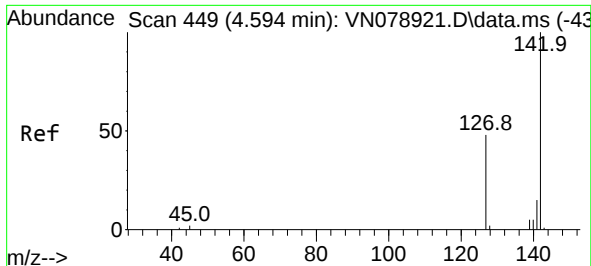
Tgt Ion:101 Resp: 187885
Ion Ratio Lower Upper
101 100
85 46.1 0.0 65.4
151 75.0 0.0 156.8



#10
1,1-Dichloroethene
Concen: 75.615 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 96 Resp: 187686
Ion Ratio Lower Upper
96 100
61 162.6 126.2 189.4
98 60.8 41.7 62.5

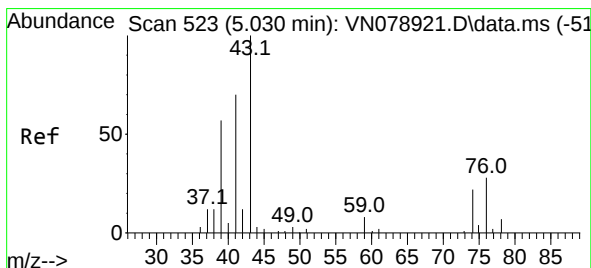
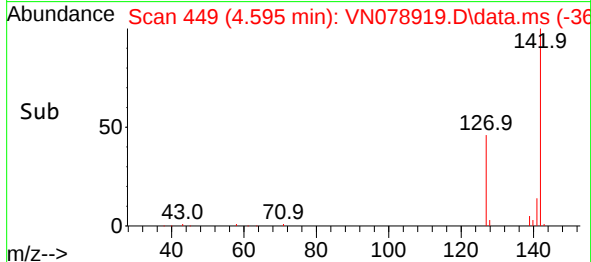
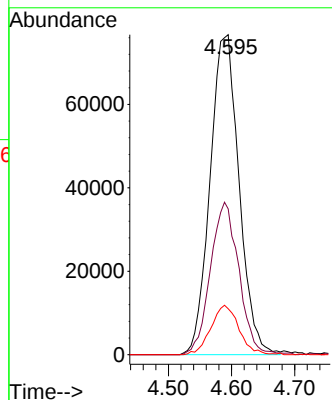
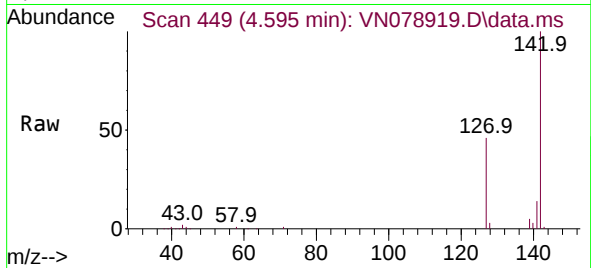




#11
Methyl Iodide
Concen: 82.319 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

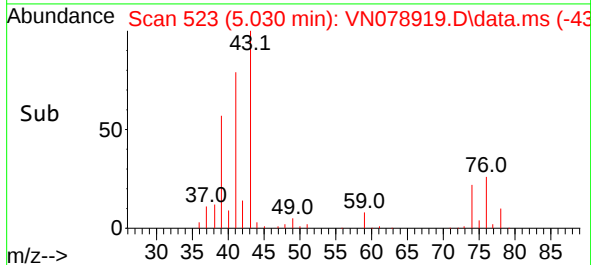
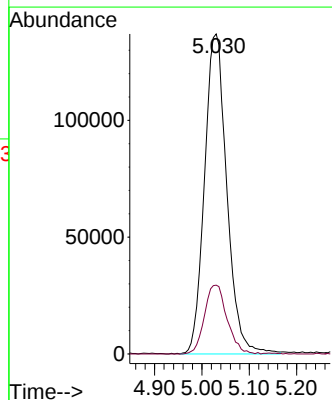
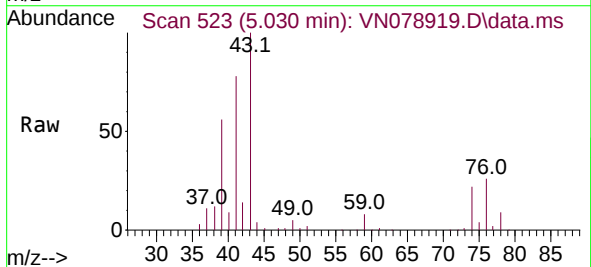
Instrument :
MSVOA_N
ClientSampleId :

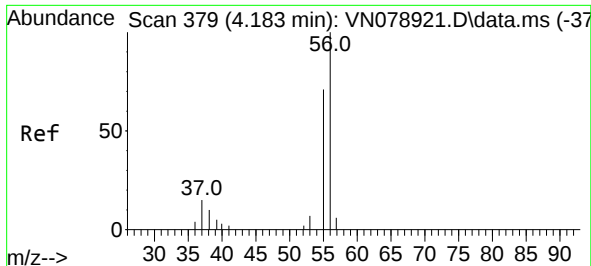
Tgt Ion:142 Resp: 244848
Ion Ratio Lower Upper
142 100
127 45.5 24.3 72.9
141 14.2 7.3 22.0



#12
Methyl Acetate
Concen: 77.732 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 43 Resp: 449095
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3

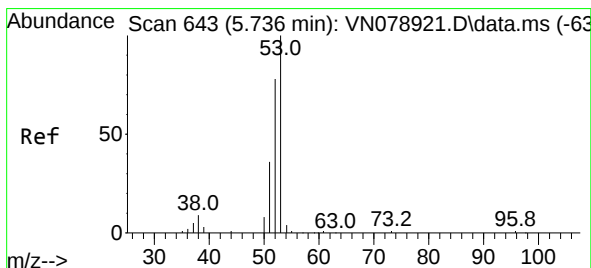
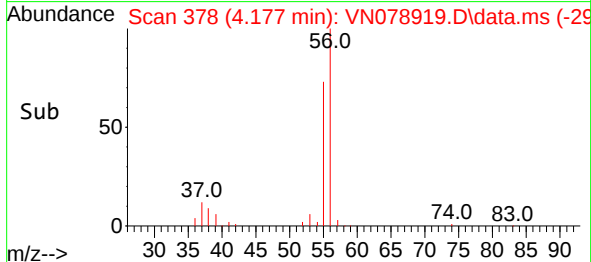
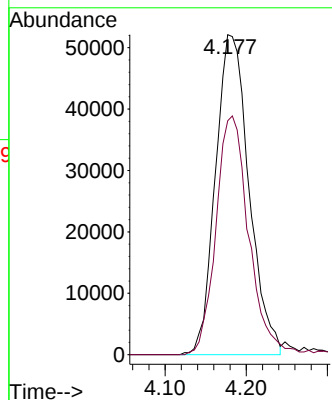
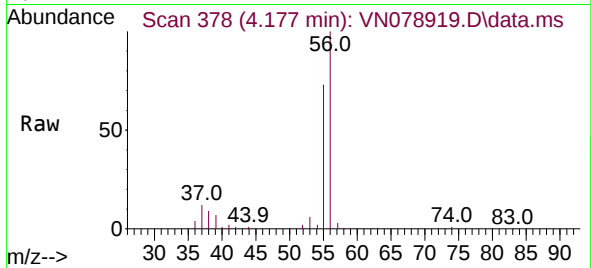




#13
Acrolein
Concen: 371.730 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

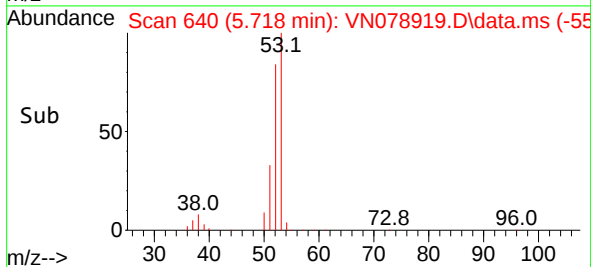
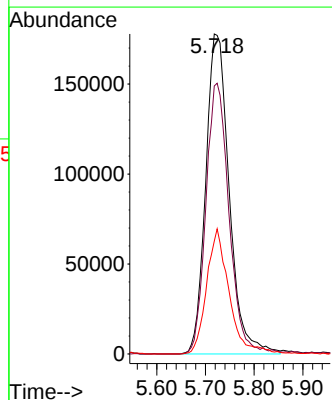
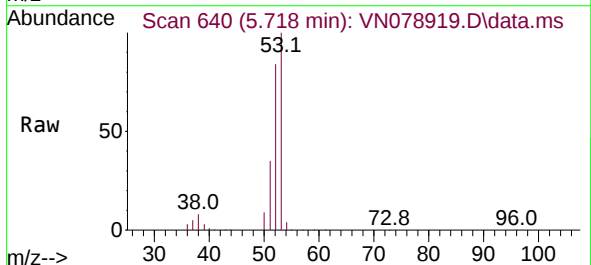
Instrument :
MSVOA_N
ClientSampleId :

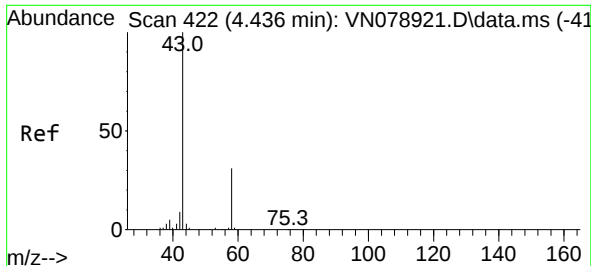
Tgt Ion: 56 Resp: 149694
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7



#14
Acrylonitrile
Concen: 392.637 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.017 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 53 Resp: 596309
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 37.3 10.1 30.1#





#15

Acetone

Concen: 452.359 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

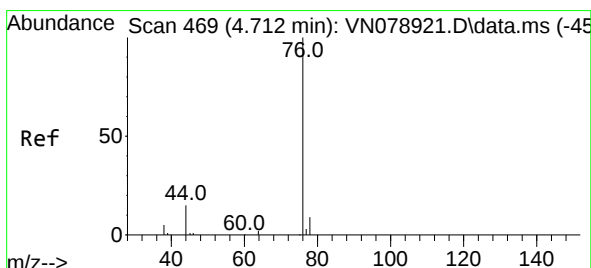
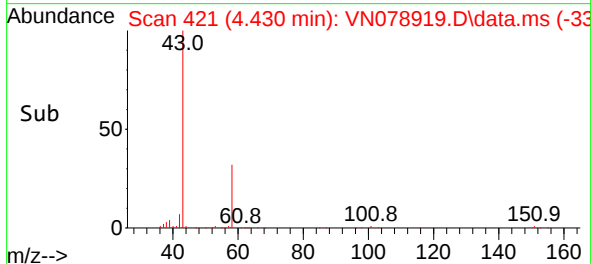
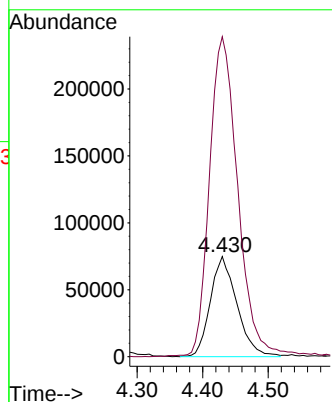
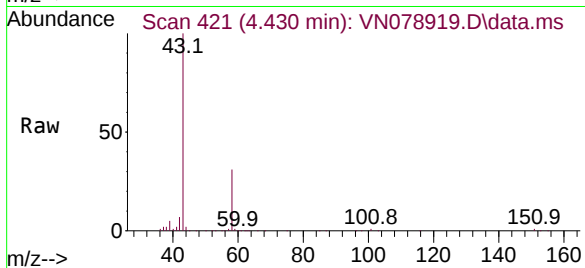
ClientSampleId :

Tgt Ion: 58 Resp: 210983

Ion Ratio Lower Upper

58 100

43 317.8 260.6 390.8



#16

Carbon Disulfide

Concen: 73.879 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN078919.D

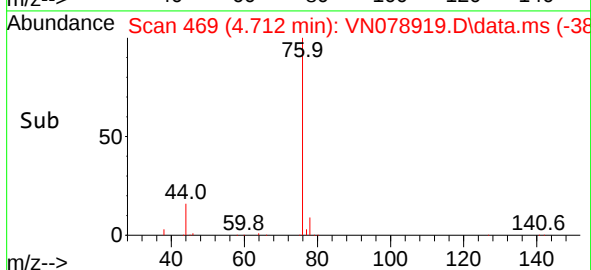
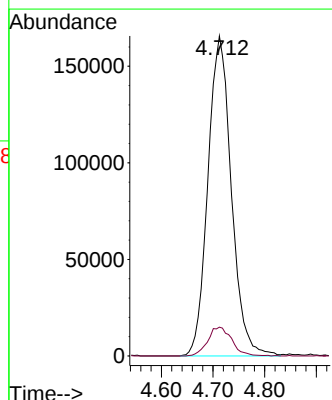
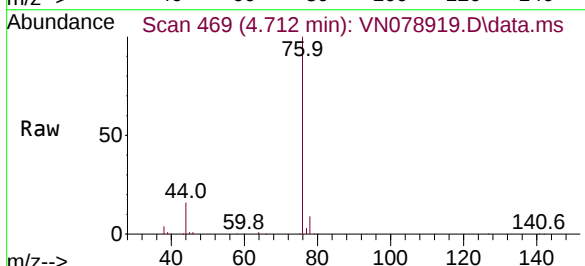
Acq: 17 Aug 2023 12:14

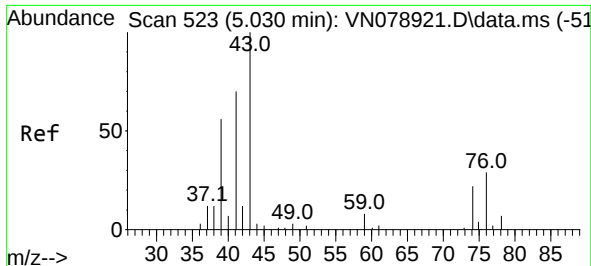
Tgt Ion: 76 Resp: 523224

Ion Ratio Lower Upper

76 100

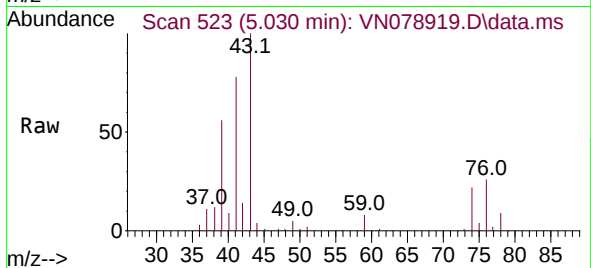
78 9.0 7.0 10.6



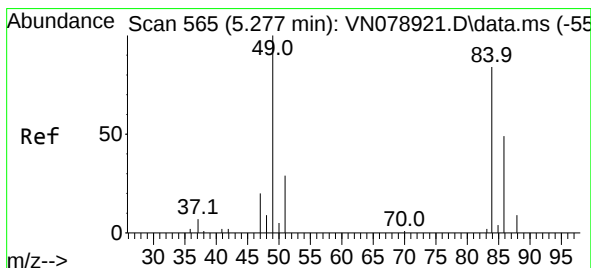
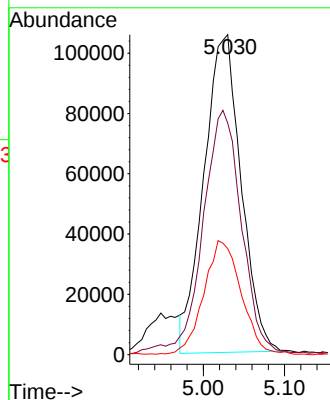
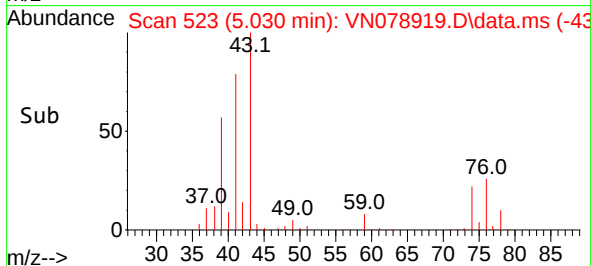


#17
 Allyl chloride
 Concen: 75.821 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078919.D
 Acq: 17 Aug 2023 12:14

Instrument :
 MSVOA_N
 ClientSampleId :

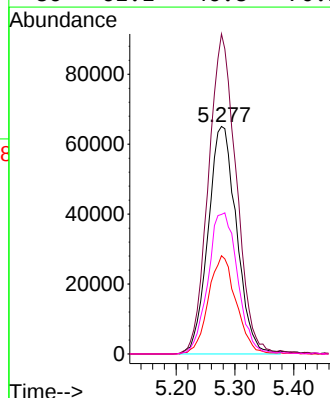
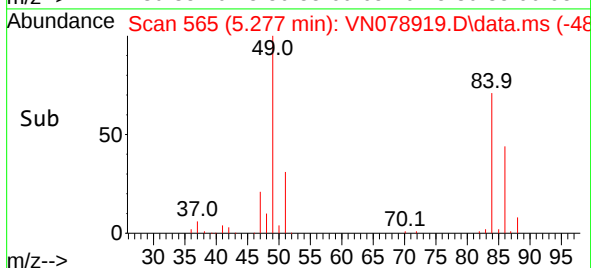
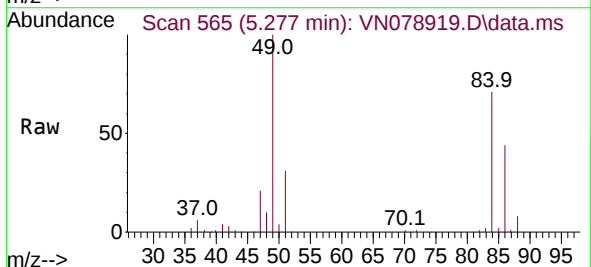


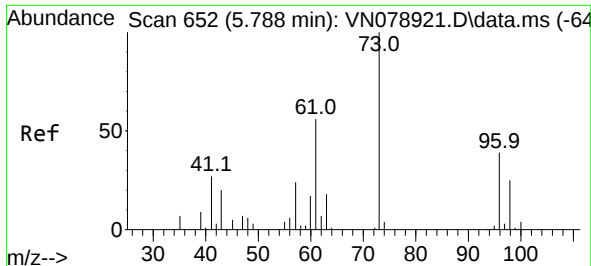
Tgt Ion: 41 Resp: 335716
 Ion Ratio Lower Upper
 41 100
 39 72.2 36.9 110.7
 76 32.9 17.3 51.9



#18
 Methylene Chloride
 Concen: 74.191 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN078919.D
 Acq: 17 Aug 2023 12:14

Tgt Ion: 84 Resp: 218613
 Ion Ratio Lower Upper
 84 100
 49 140.2 95.8 143.6
 51 42.9 28.6 43.0
 86 61.1 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 75.212 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

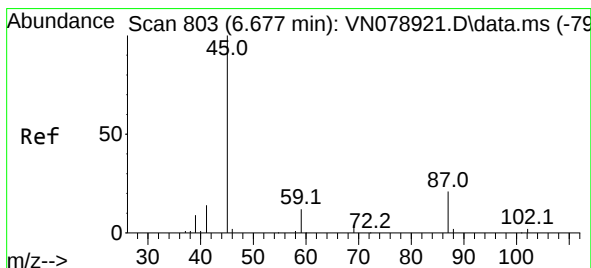
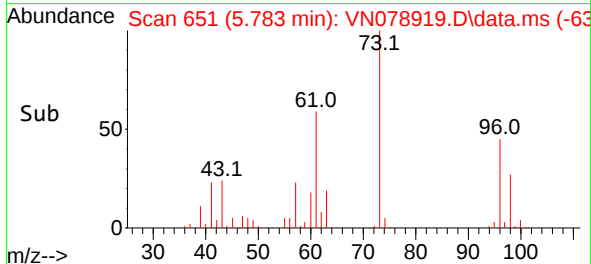
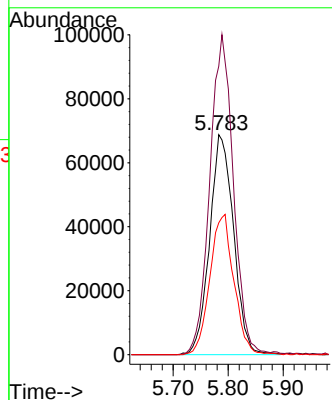
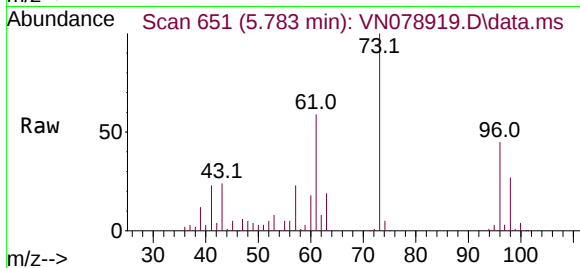
Tgt Ion: 96 Resp: 208646

Ion Ratio Lower Upper

96 100

61 130.9 114.0 171.0

98 59.9 50.6 76.0



#20

Diisopropyl ether

Concen: 80.218 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Tgt Ion: 45 Resp: 788333

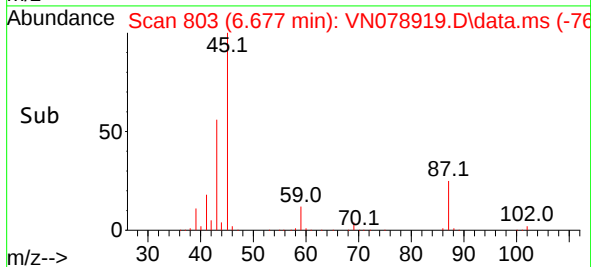
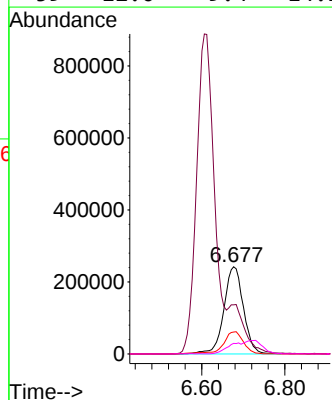
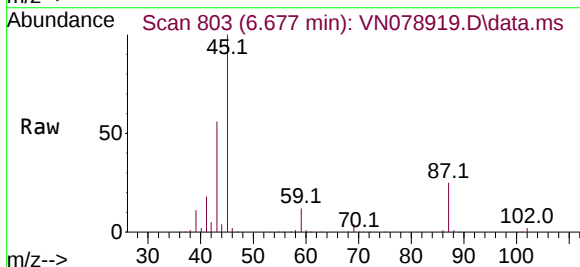
Ion Ratio Lower Upper

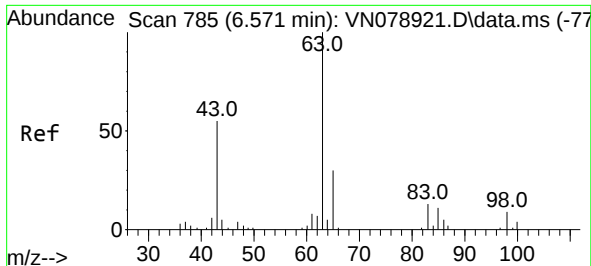
45 100

43 55.4 37.4 56.2

87 25.1 17.3 25.9

59 12.0 9.4 14.2





#21

1,1-Dichloroethane

Concen: 76.857 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

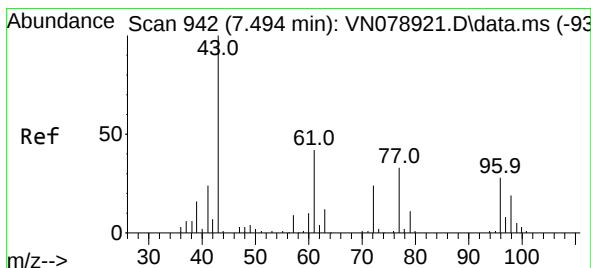
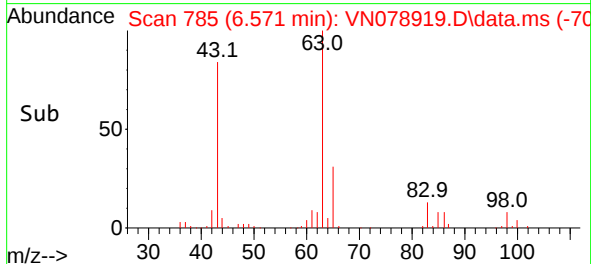
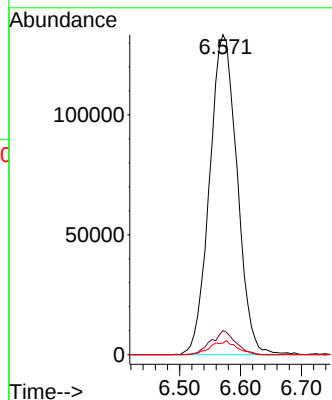
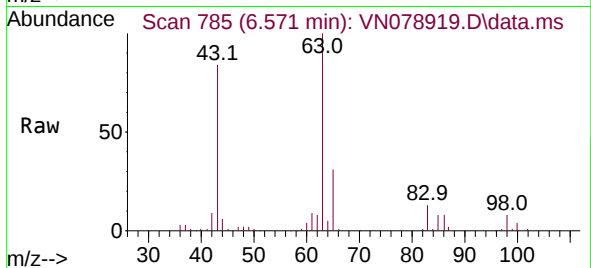
Tgt Ion: 63 Resp: 419111

Ion Ratio Lower Upper

63 100

98 7.6 4.4 13.2

100 3.6 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 77.726 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

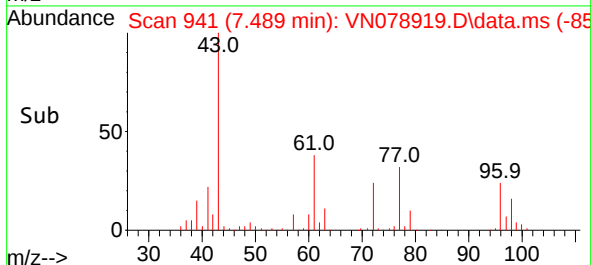
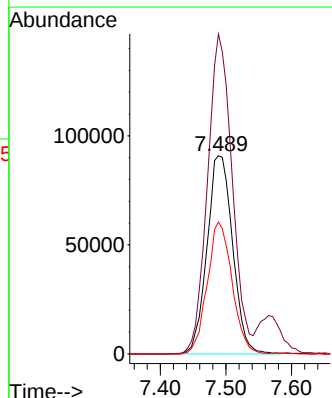
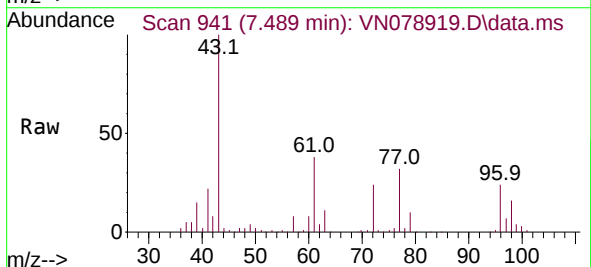
Tgt Ion: 96 Resp: 246783

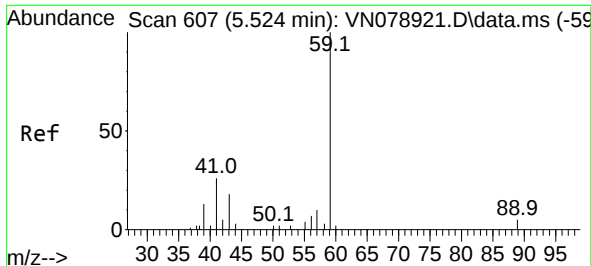
Ion Ratio Lower Upper

96 100

61 155.7 121.8 182.6

98 64.4 50.7 76.1

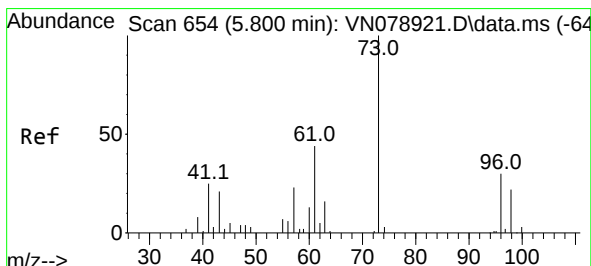
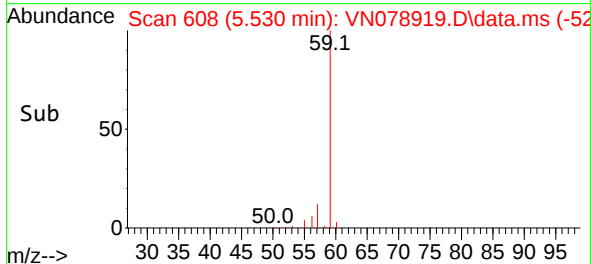
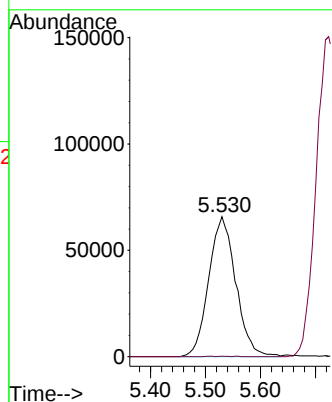
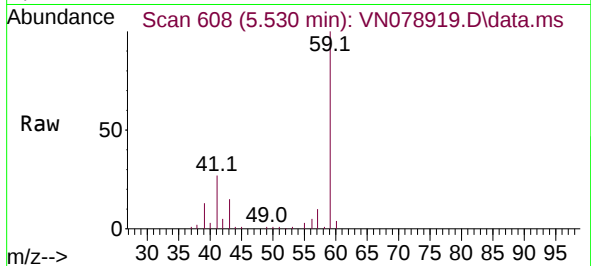




#23
tert-Butyl Alcohol
Concen: 397.201 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

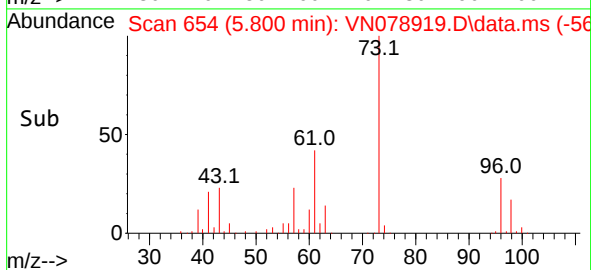
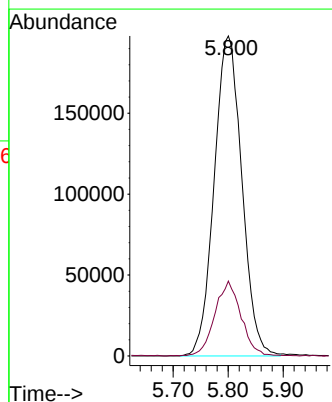
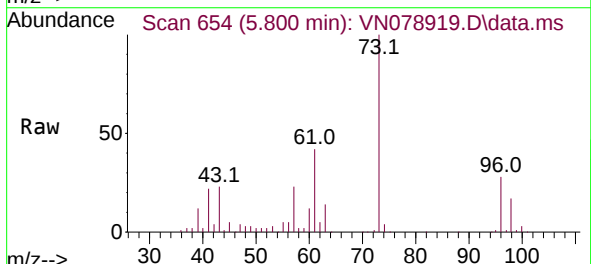
Instrument :
MSVOA_N
ClientSampleId :

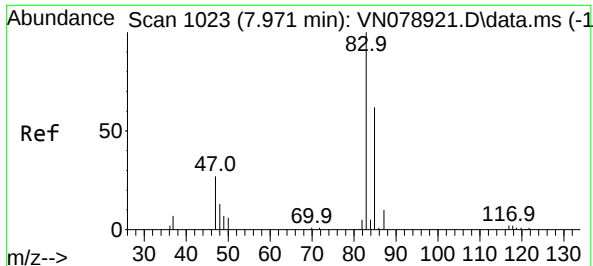
Tgt Ion: 59 Resp: 225017
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 78.921 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 73 Resp: 690857
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9





#25

Chloroform

Concen: 75.330 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

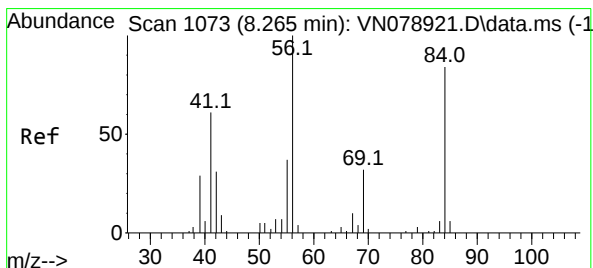
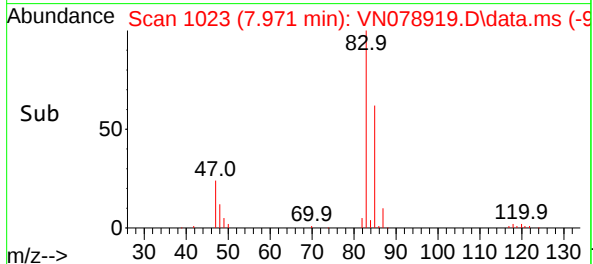
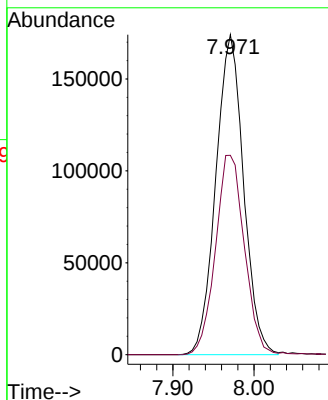
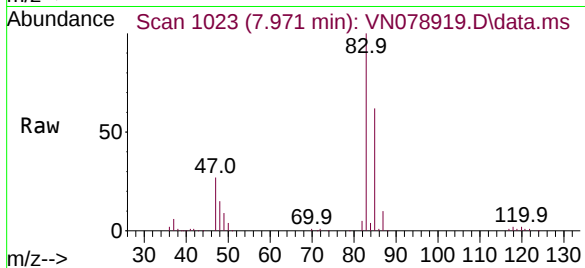
ClientSampleId :

Tgt Ion: 83 Resp: 413824

Ion Ratio Lower Upper

83 100

85 62.3 49.6 74.4



#26

Cyclohexane

Concen: 79.379 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

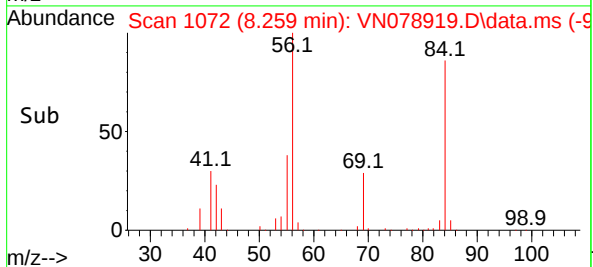
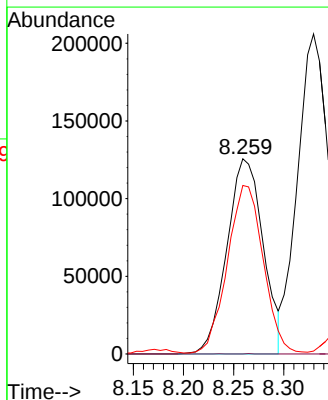
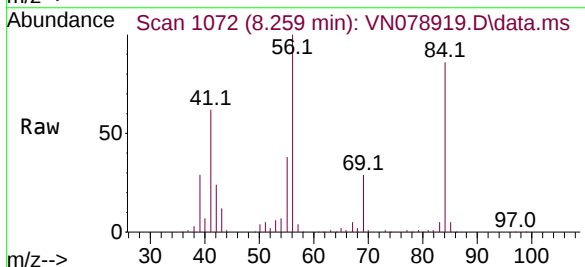
Tgt Ion: 56 Resp: 316644

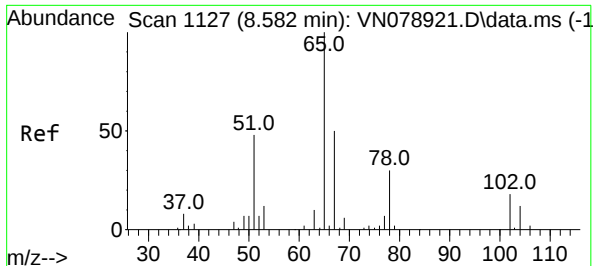
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.2 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.098 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

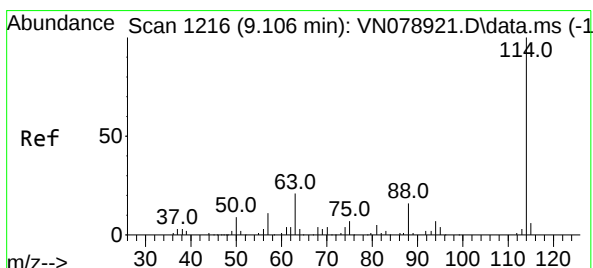
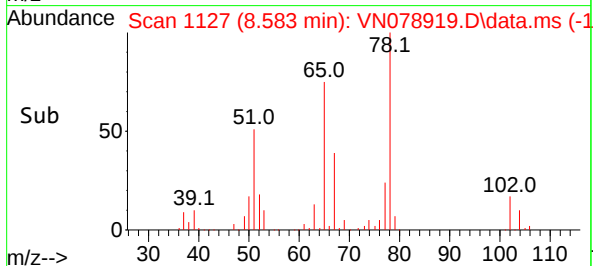
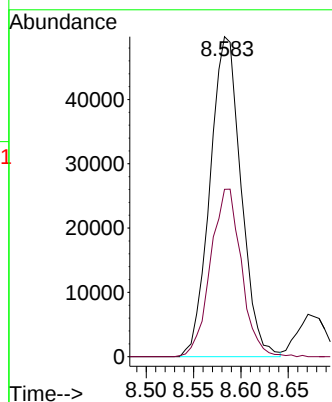
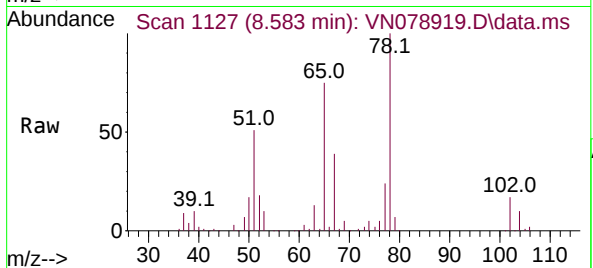
ClientSampleId :

Tgt Ion: 65 Resp: 113469

Ion Ratio Lower Upper

65 100

67 52.1 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

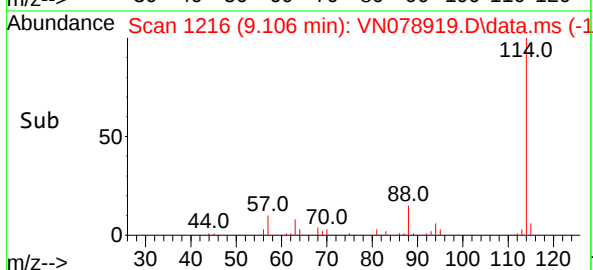
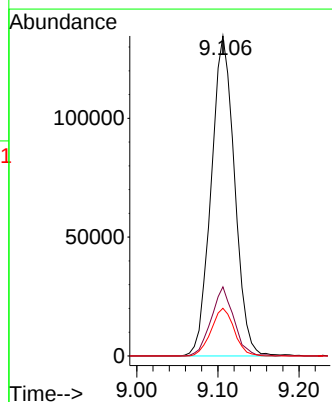
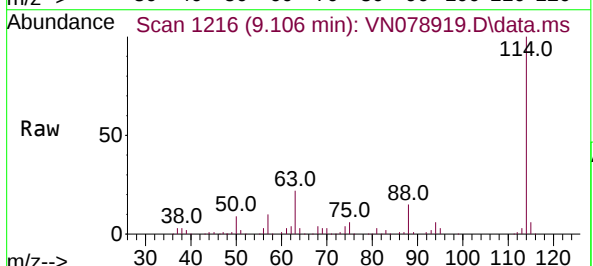
Tgt Ion: 114 Resp: 269907

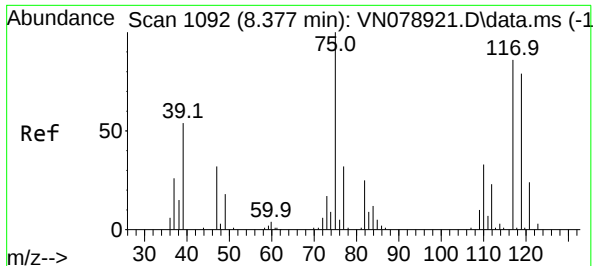
Ion Ratio Lower Upper

114 100

63 20.7 17.4 26.2

88 14.6 12.0 18.0

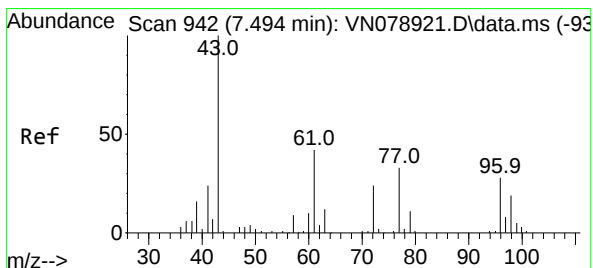
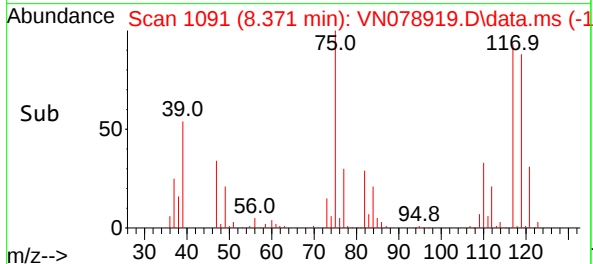
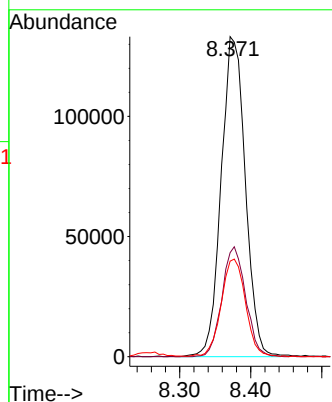
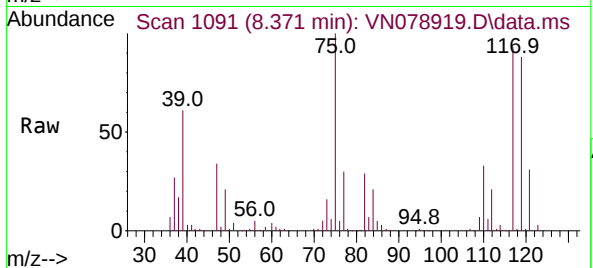




#29
1,1-Dichloropropene
Concen: 76.544 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

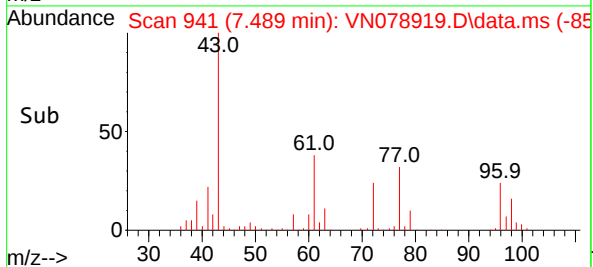
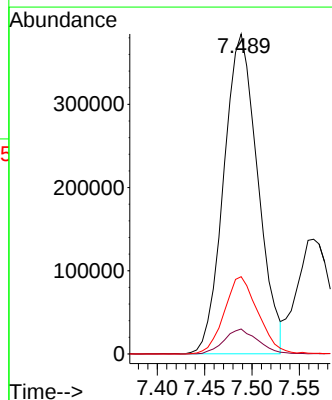
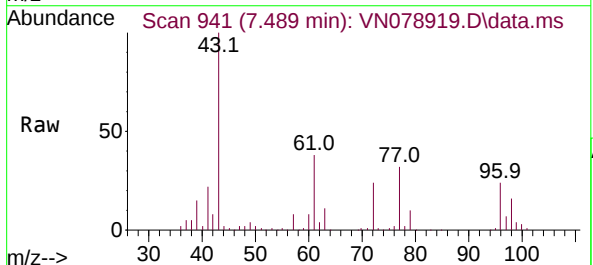
Instrument :
MSVOA_N
ClientSampleId :

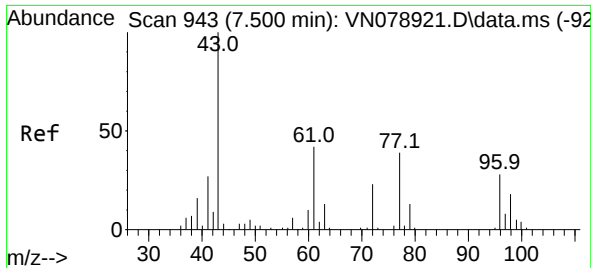
Tgt Ion: 75 Resp: 314283
Ion Ratio Lower Upper
75 100
110 33.7 0.0 65.8
77 30.7 0.0 60.4



#30
2-Butanone
Concen: 399.766 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 43 Resp: 960887
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.4
72 23.9 19.4 29.2





#31

2,2-Dichloropropane

Concen: 78.955 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

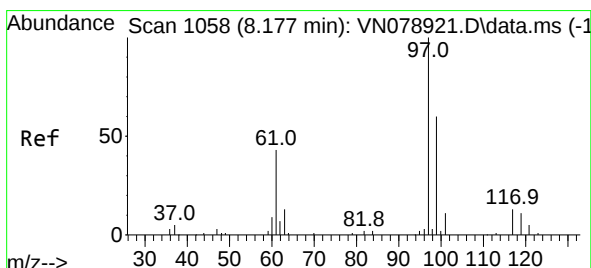
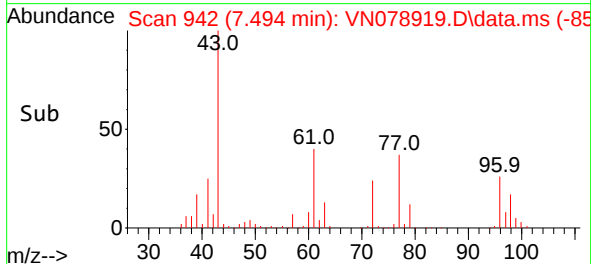
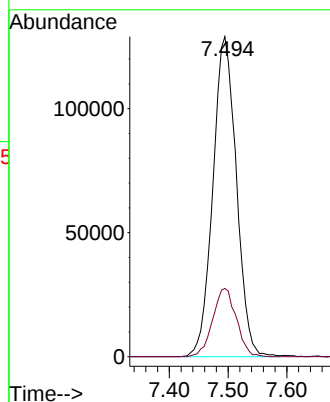
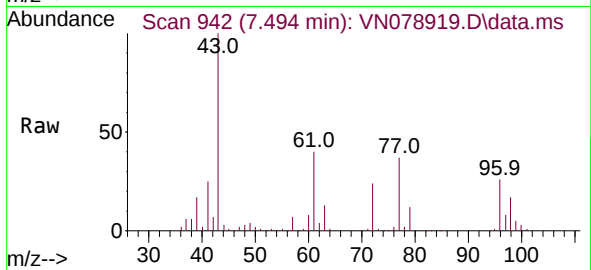
ClientSampleId :

Tgt Ion: 77 Resp: 358280

Ion Ratio Lower Upper

77 100

97 21.4 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 74.445 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

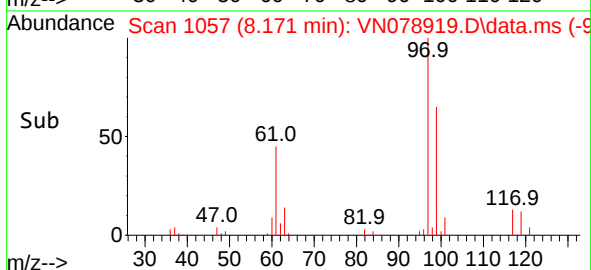
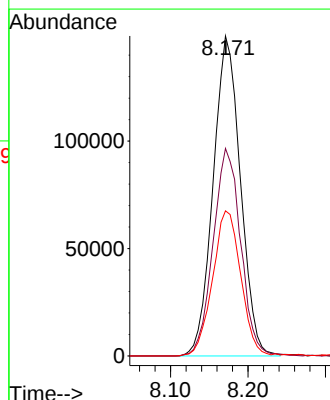
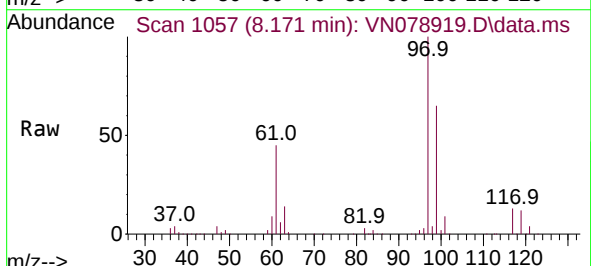
Tgt Ion: 97 Resp: 364931

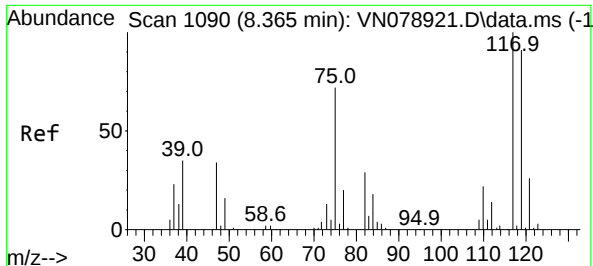
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 46.7 37.0 55.6

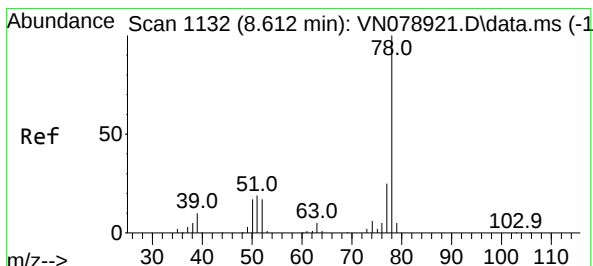
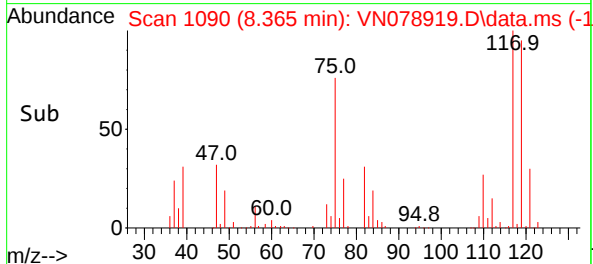
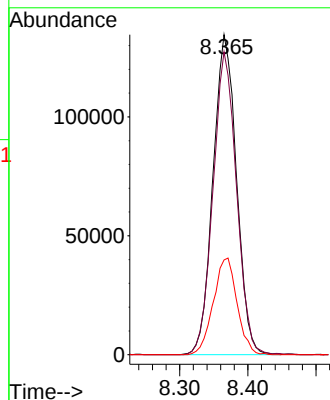
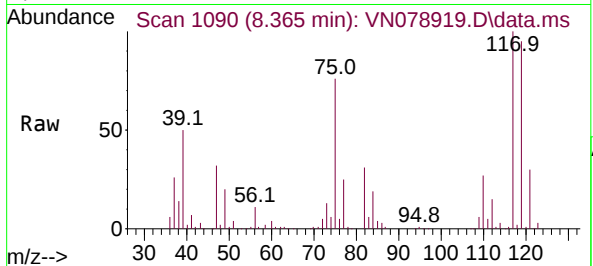




#33
Carbon Tetrachloride
Concen: 76.039 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

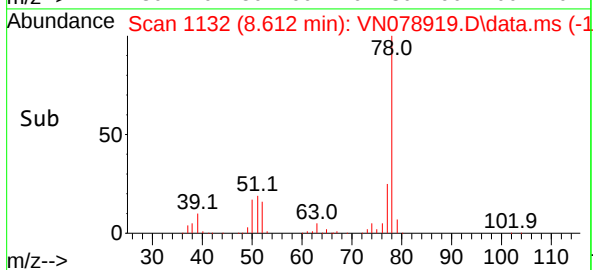
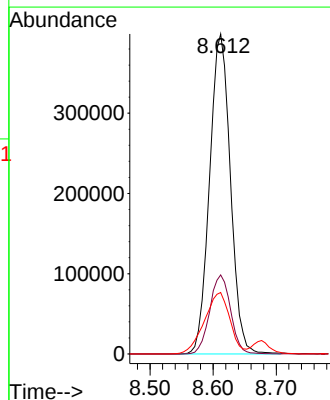
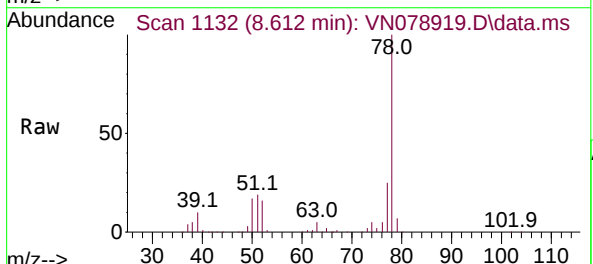
Instrument :
MSVOA_N
ClientSampleId :

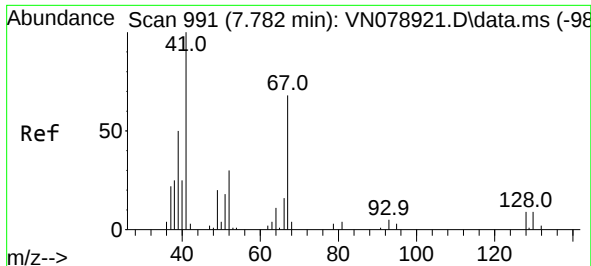
Tgt Ion:117 Resp: 322859
Ion Ratio Lower Upper
117 100
119 94.6 72.6 108.8
121 29.6 20.7 31.1



#34
Benzene
Concen: 74.260 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 78 Resp: 913710
Ion Ratio Lower Upper
78 100
77 24.7 19.9 29.9
51 18.9 14.8 22.2



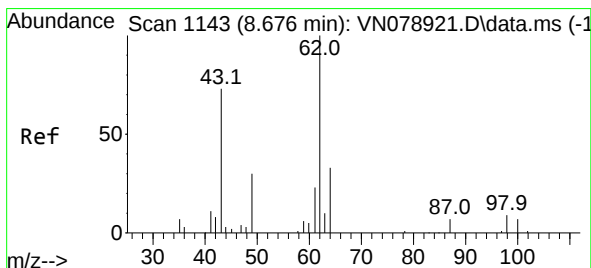
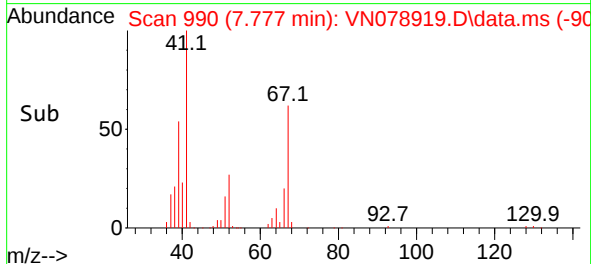
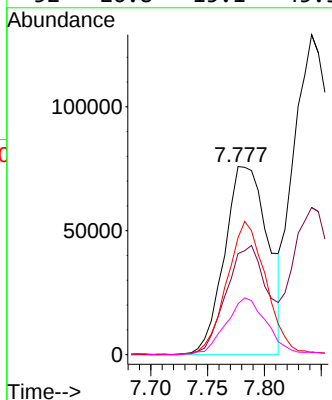
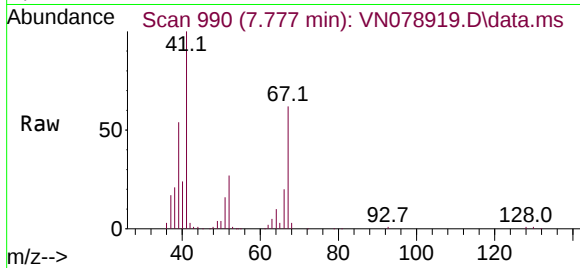


#35
Methacrylonitrile
Concen: 79.346 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 203272

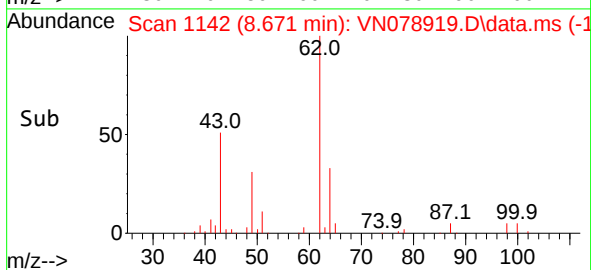
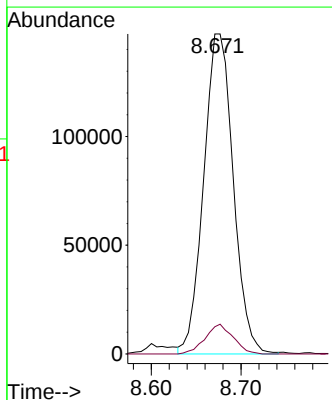
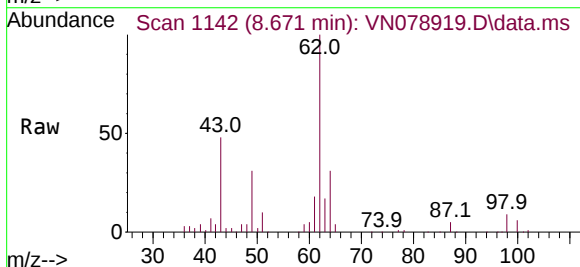
Ion	Ratio	Lower	Upper
41	100		
39	53.4	25.0	75.0
67	62.2	34.0	102.0
52	26.8	15.1	45.3

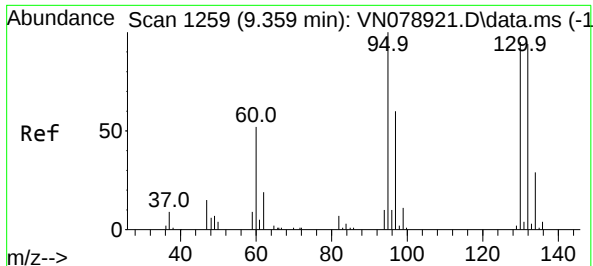


#36
1,2-Dichloroethane
Concen: 73.164 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 62 Resp: 337116

Ion	Ratio	Lower	Upper
62	100		
98	8.8	8.1	12.1





#37

Trichloroethene

Concen: 72.654 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

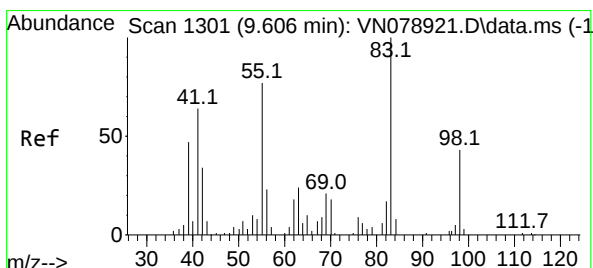
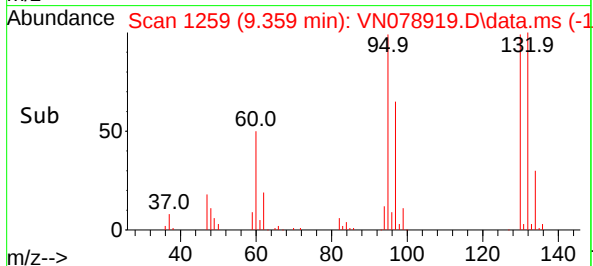
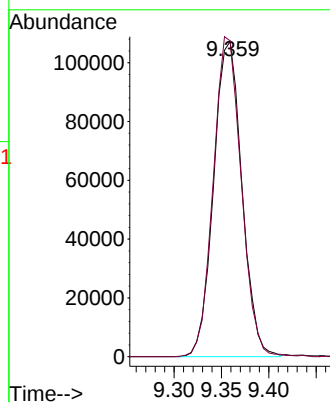
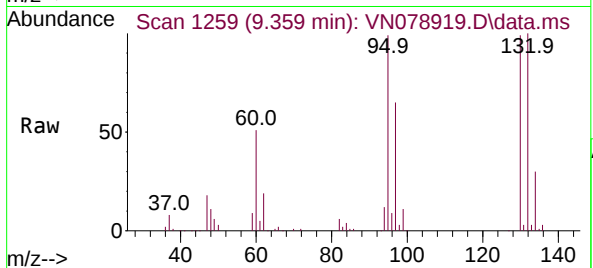
ClientSampleId :

Tgt Ion:130 Resp: 222523

Ion Ratio Lower Upper

130 100

95 100.0 84.6 127.0



#38

Methylcyclohexane

Concen: 79.185 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

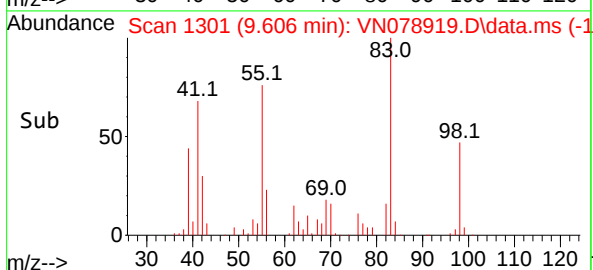
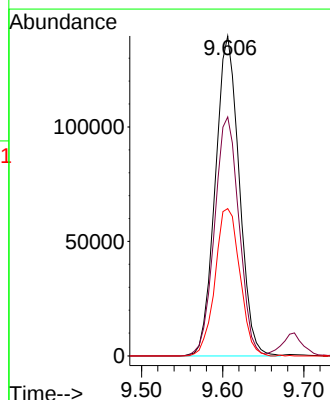
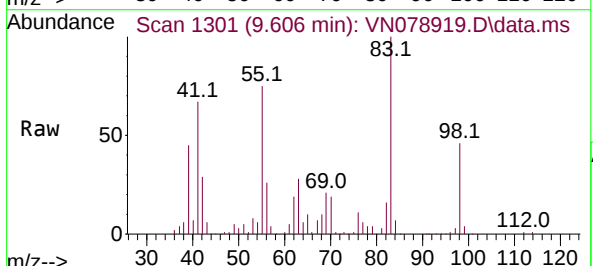
Tgt Ion: 83 Resp: 286238

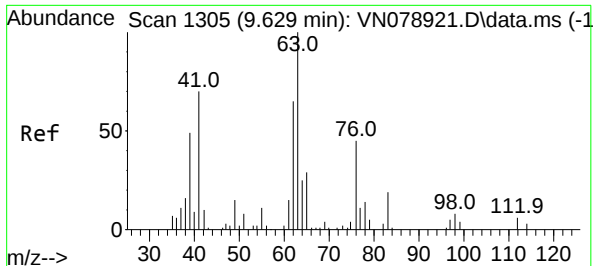
Ion Ratio Lower Upper

83 100

55 76.6 40.2 120.6

98 47.9 24.1 72.3





#39

1,2-Dichloropropane

Concen: 72.466 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

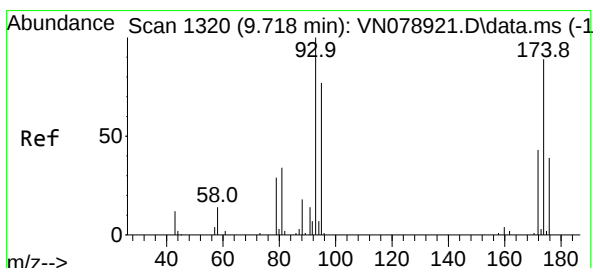
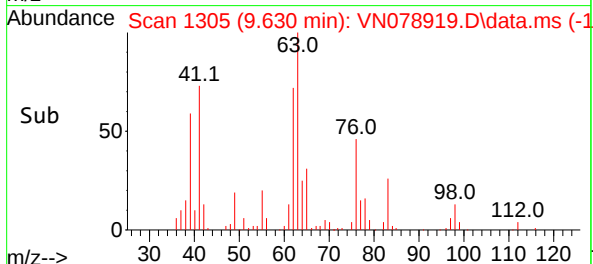
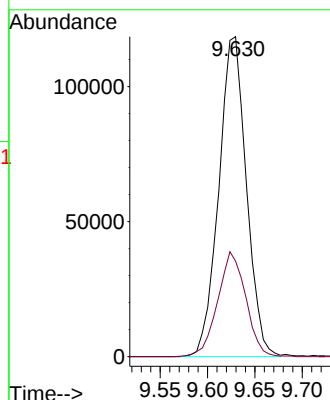
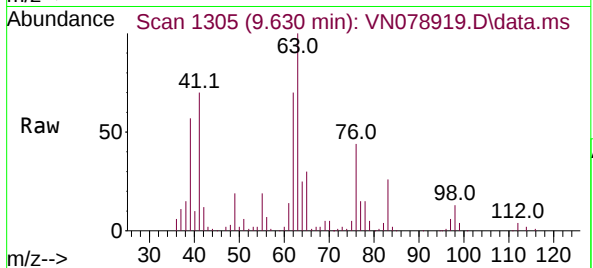
ClientSampleId :

Tgt Ion: 63 Resp: 240173

Ion Ratio Lower Upper

63 100

65 29.7 23.5 35.3



#40

Dibromomethane

Concen: 72.535 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

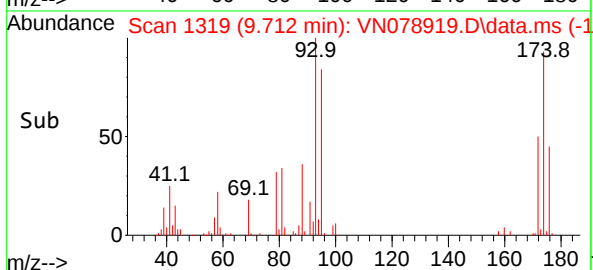
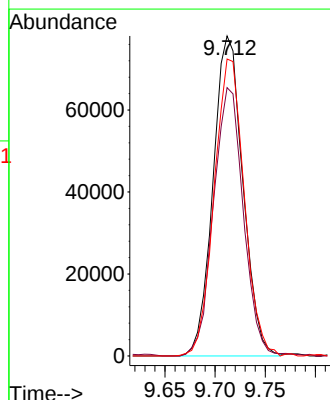
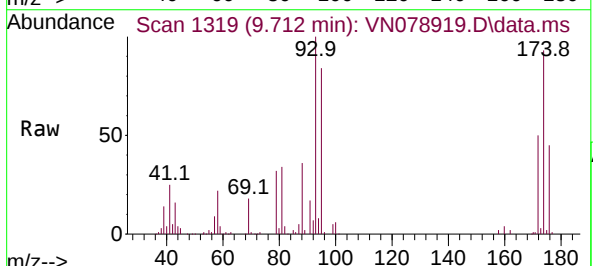
Tgt Ion: 93 Resp: 161143

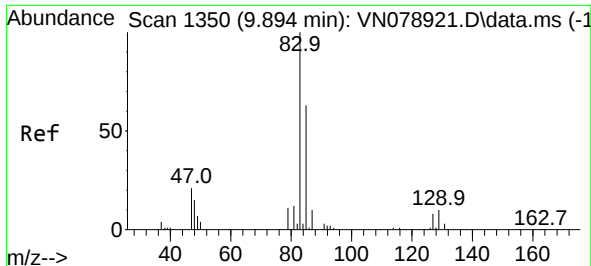
Ion Ratio Lower Upper

93 100

95 83.8 0.0 162.0

174 93.2 0.0 188.6

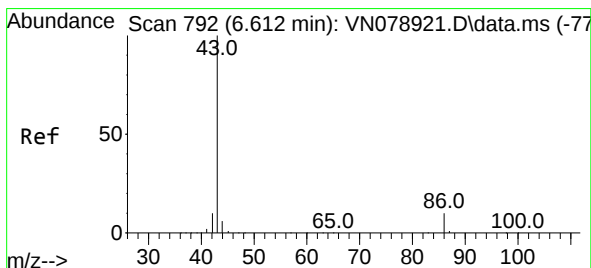
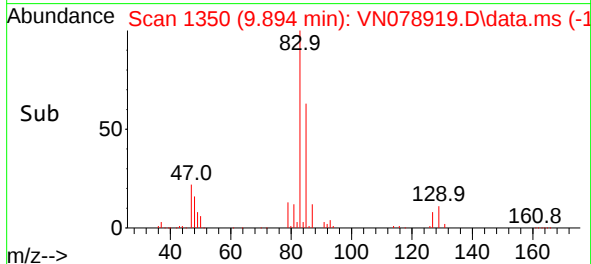
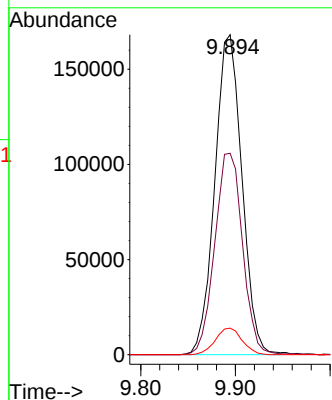
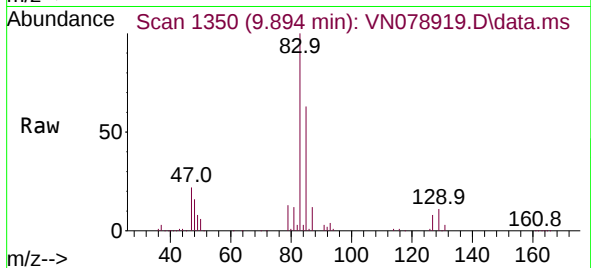




#41
Bromodichloromethane
Concen: 74.986 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

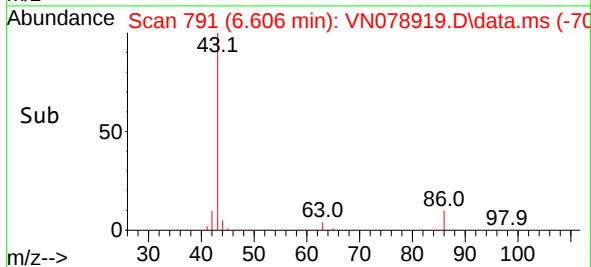
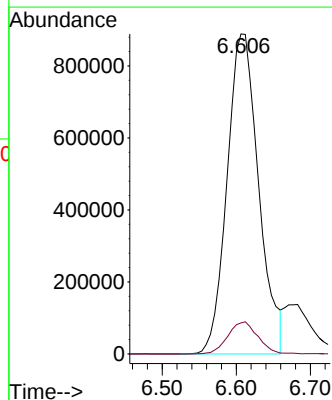
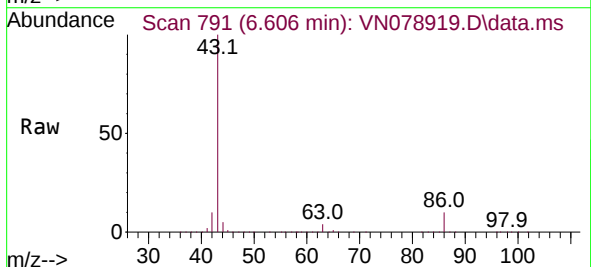
Instrument :
MSVOA_N
ClientSampleId :

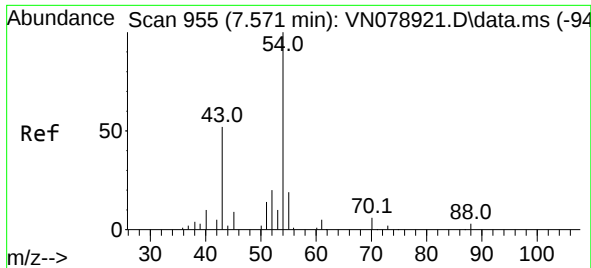
Tgt Ion: 83 Resp: 335015
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.2
127 8.3 6.2 9.4



#42
Vinyl Acetate
Concen: 388.141 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 43 Resp: 2630374
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0

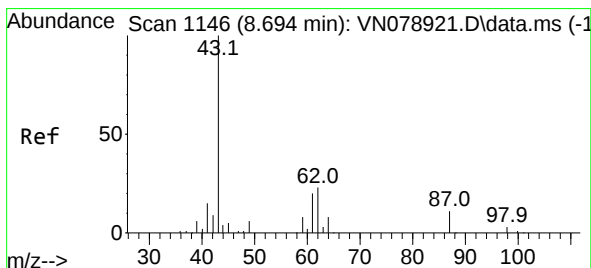
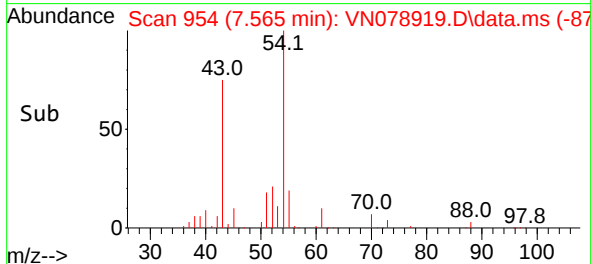
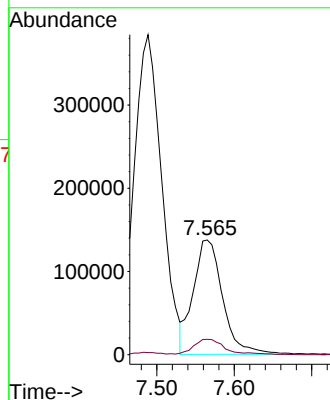
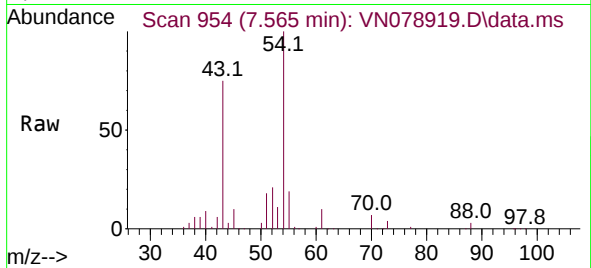




#43
Ethyl Acetate
Concen: 79.260 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

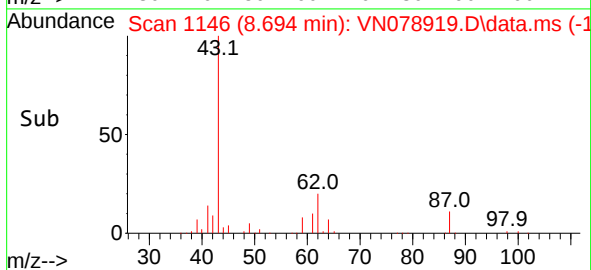
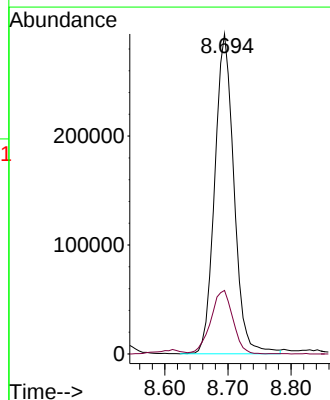
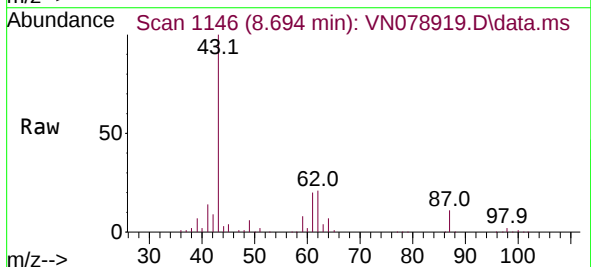
Instrument :
MSVOA_N
ClientSampleId :

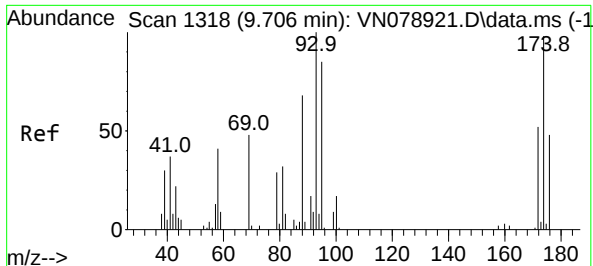
Tgt Ion: 43 Resp: 362295
Ion Ratio Lower Upper
43 100
45 12.2 9.6 14.4



#44
Isopropyl Acetate
Concen: 75.528 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 43 Resp: 620573
Ion Ratio Lower Upper
43 100
61 22.9 19.0 28.4





#45

1,4-Dioxane

Concen: 1462.517 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

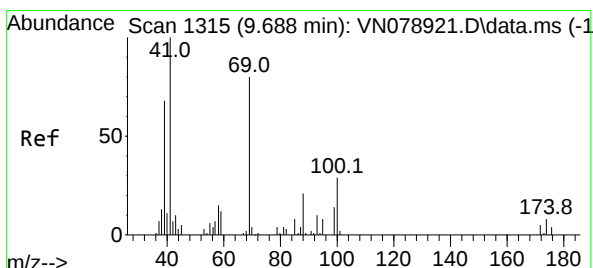
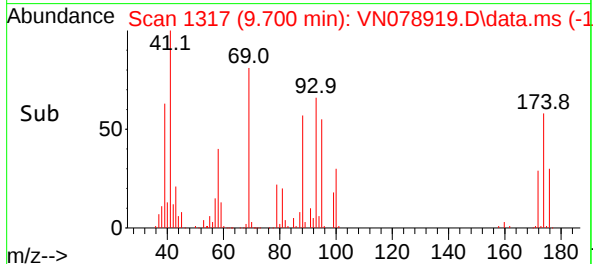
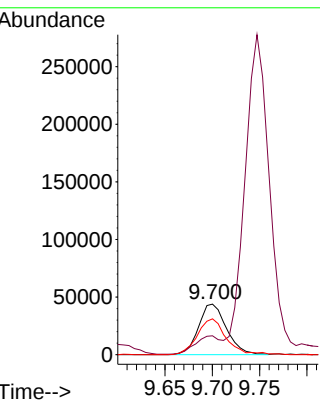
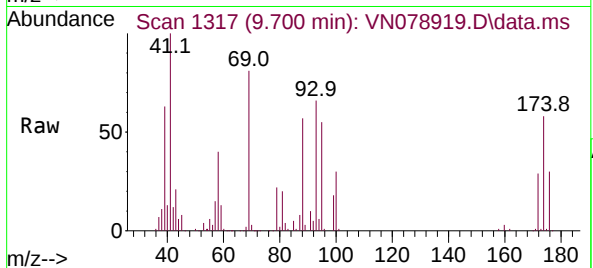
Tgt Ion: 88 Resp: 90428

Ion Ratio Lower Upper

88 100

43 34.4 28.1 42.1

58 70.3 57.0 85.4



#46

Methyl methacrylate

Concen: 80.618 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

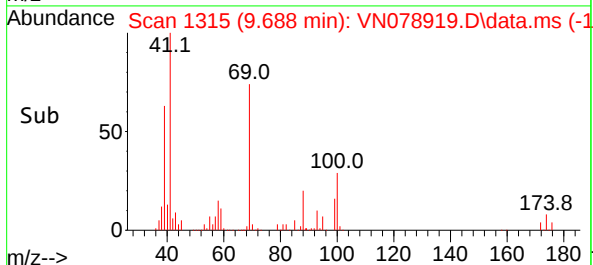
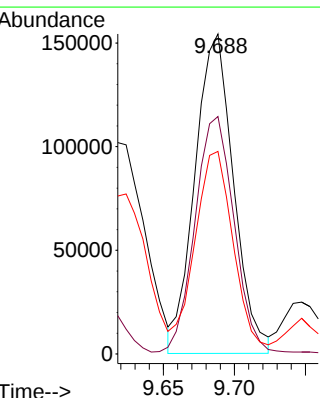
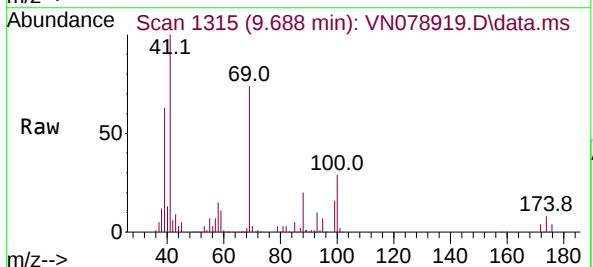
Tgt Ion: 41 Resp: 291846

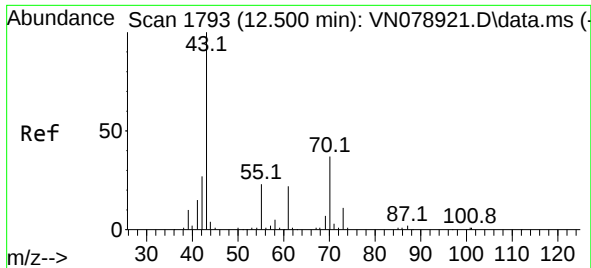
Ion Ratio Lower Upper

41 100

69 76.9 38.5 115.5

39 63.9 35.9 107.8

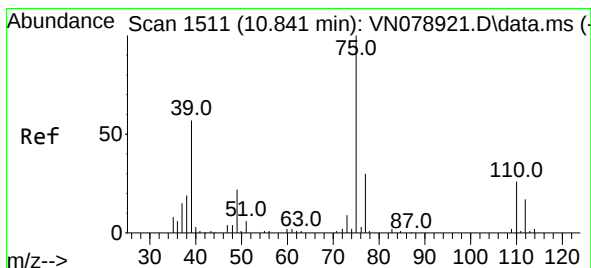
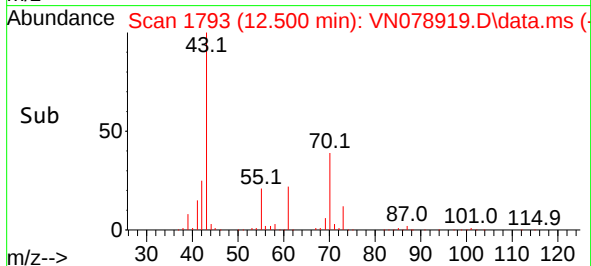
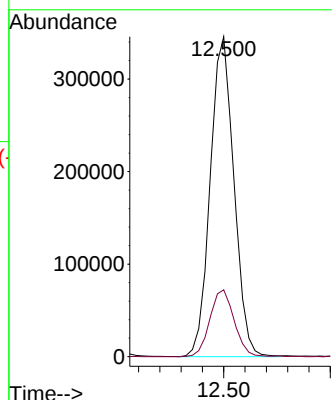
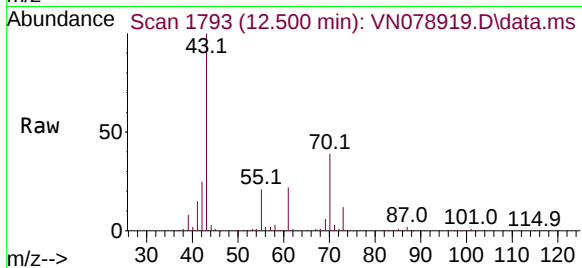




#47
n-amyl acetate
Concen: 84.819 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

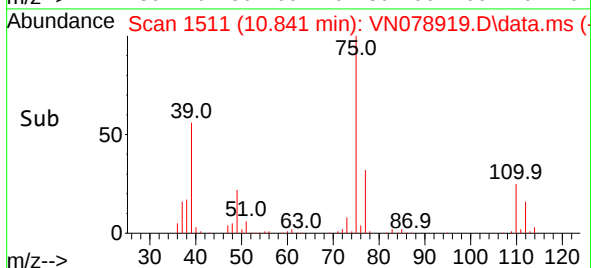
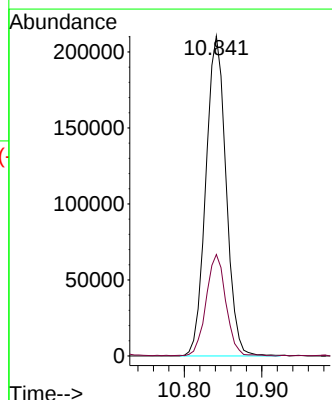
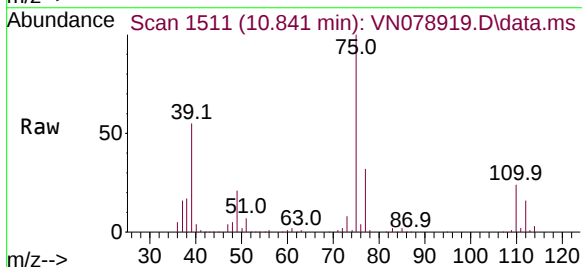
Instrument :
MSVOA_N
ClientSampleId :

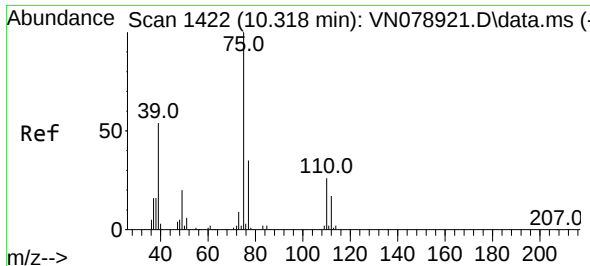
Tgt Ion: 43 Resp: 534795
Ion Ratio Lower Upper
43 100
55 21.4 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 80.041 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 75 Resp: 380861
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5





#49

cis-1,3-Dichloropropene

Concen: 79.173 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

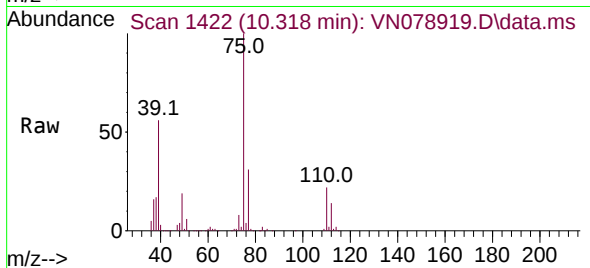
Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :



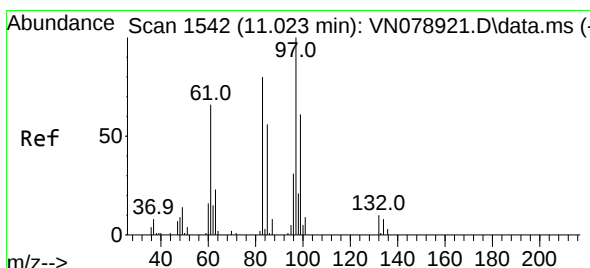
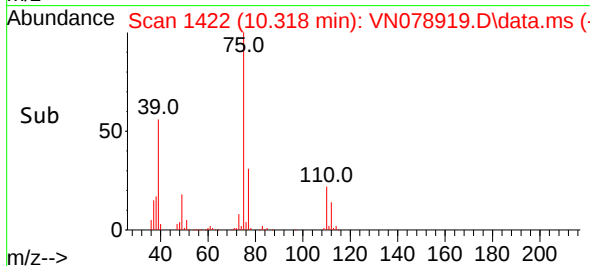
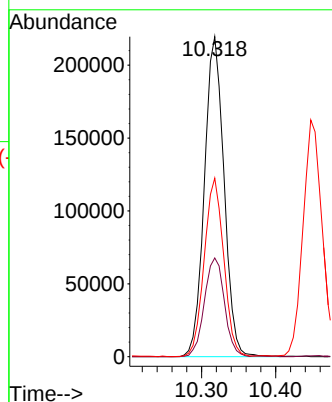
Tgt Ion: 75 Resp: 403964

Ion Ratio Lower Upper

75 100

77 30.9 27.8 41.8

39 55.7 43.5 65.3



#50

1,1,2-Trichloroethane

Concen: 74.502 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Tgt Ion: 97 Resp: 223669

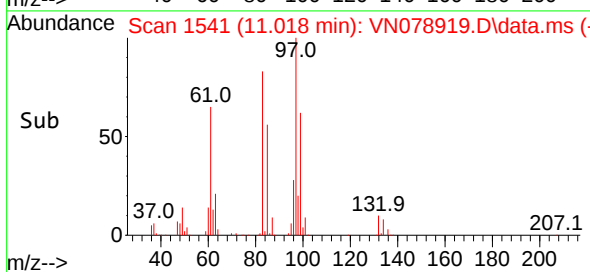
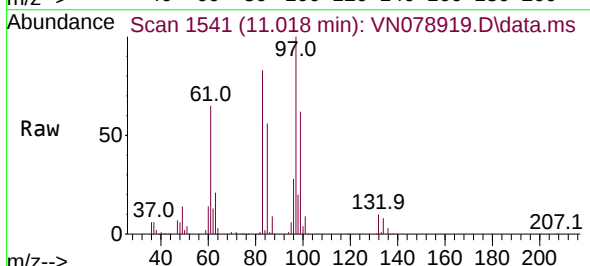
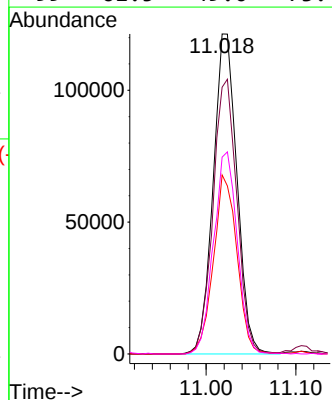
Ion Ratio Lower Upper

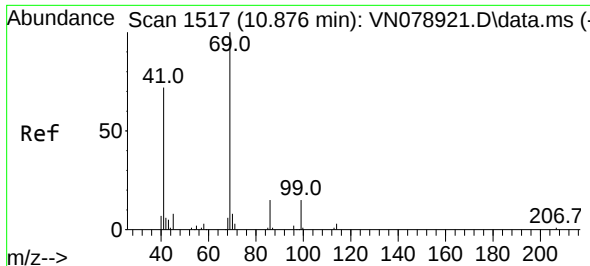
97 100

83 83.4 63.7 95.5

85 56.0 44.9 67.3

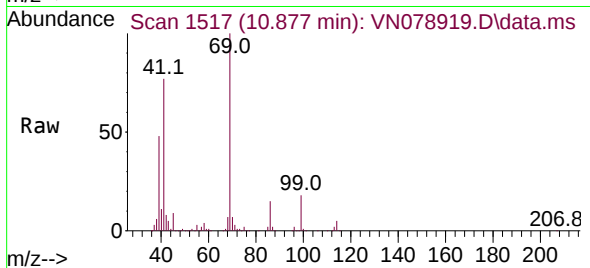
99 61.5 49.0 73.4



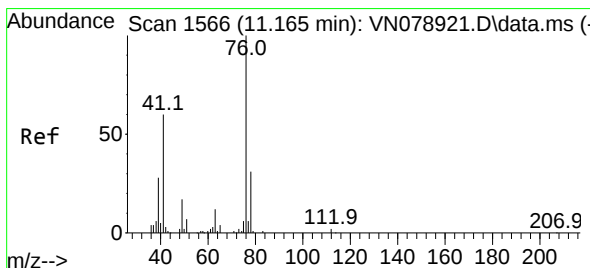
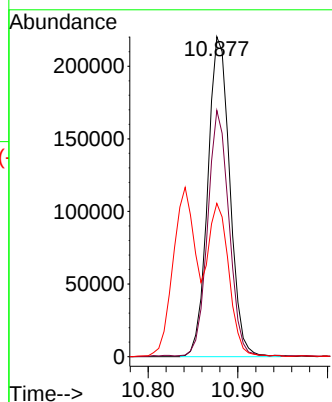
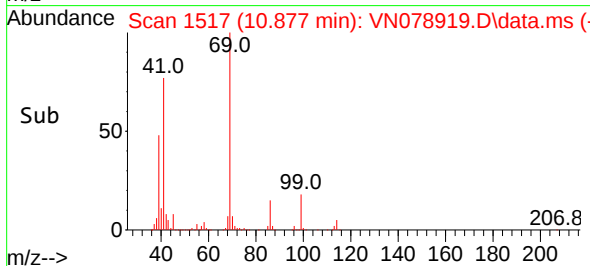


#51
Ethyl methacrylate
Concen: 80.770 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :

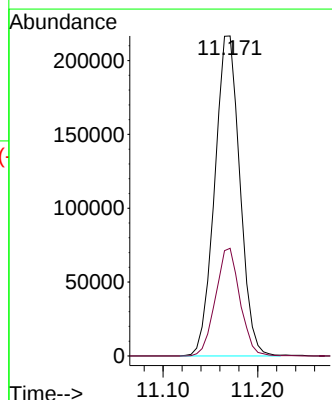
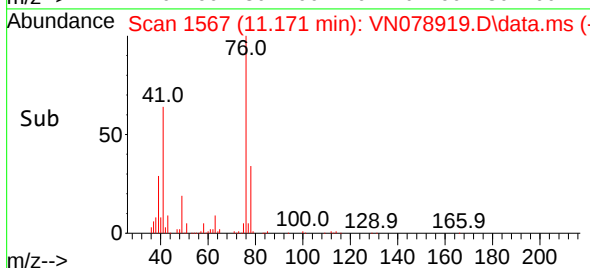
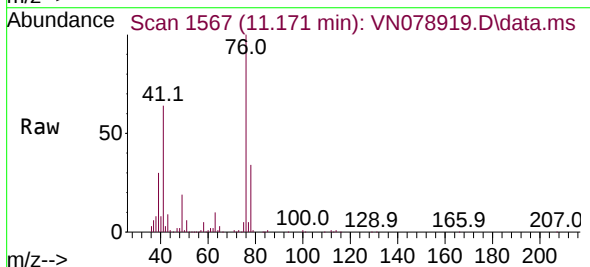


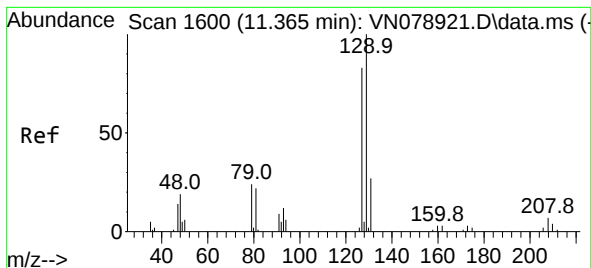
Tgt Ion: 69 Resp: 375316
Ion Ratio Lower Upper
69 100
41 76.6 35.9 107.8
39 47.6 23.5 70.5



#52
1,3-Dichloropropane
Concen: 74.468 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 76 Resp: 400436
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53

Dibromochloromethane

Concen: 77.228 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

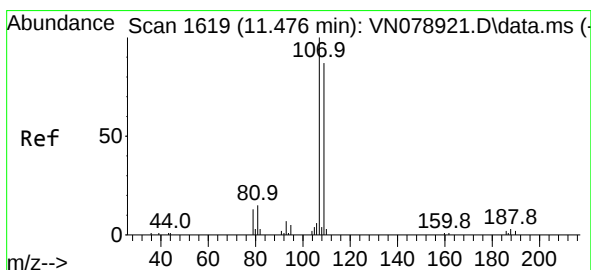
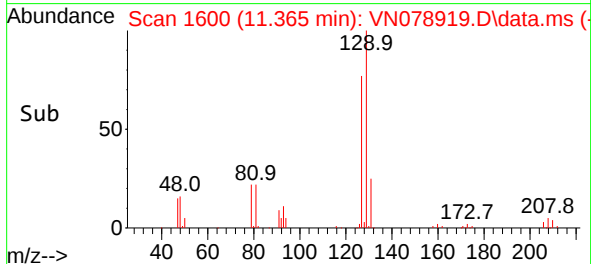
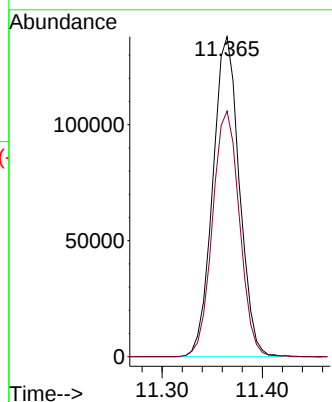
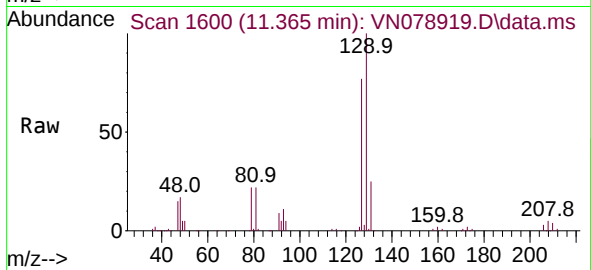
ClientSampleId :

Tgt Ion:129 Resp: 253762

Ion Ratio Lower Upper

129 100

127 77.9 40.1 120.2



#54

1,2-Dibromoethane

Concen: 76.131 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.006 min

Lab File: VN078919.D

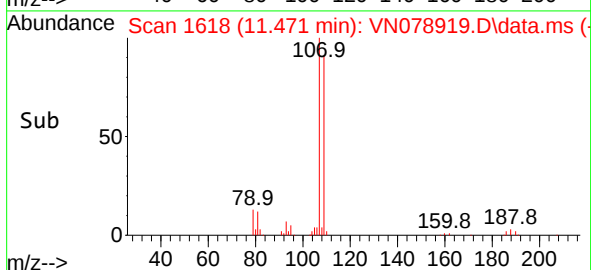
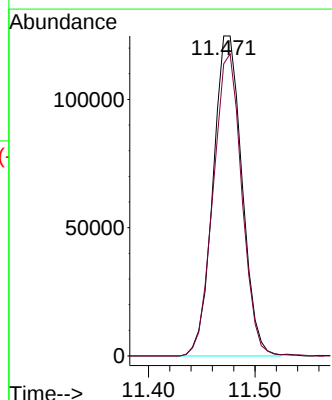
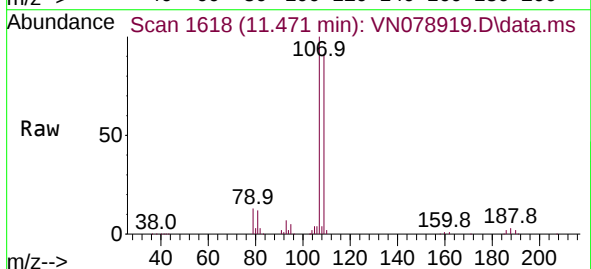
Acq: 17 Aug 2023 12:14

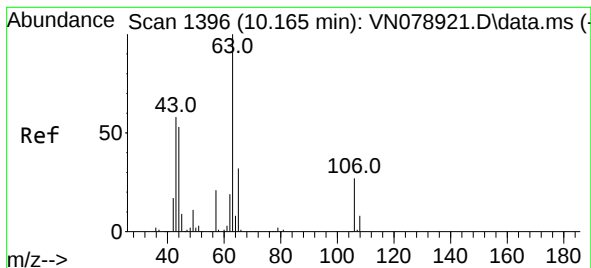
Tgt Ion:107 Resp: 234653

Ion Ratio Lower Upper

107 100

109 93.4 71.7 107.5

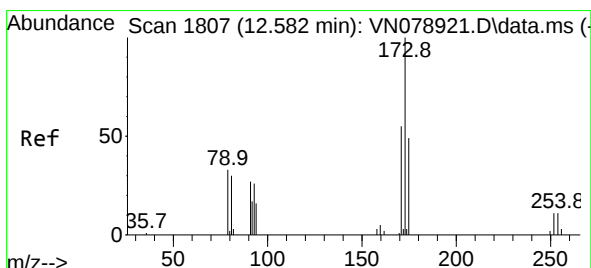
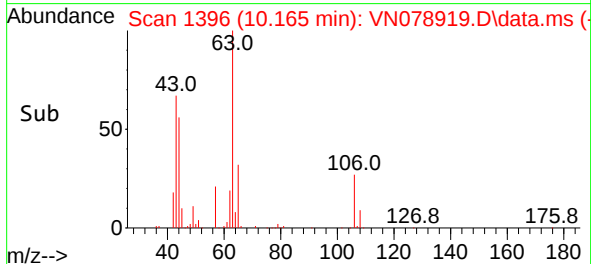
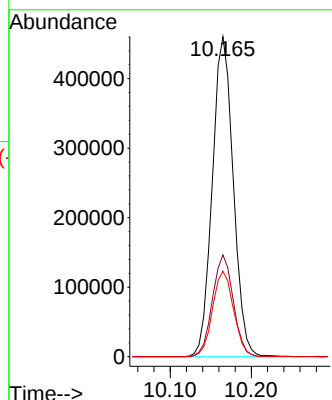
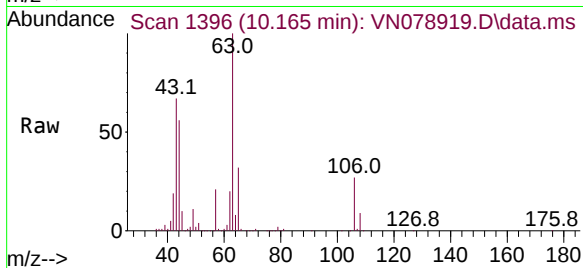




#55
2-Chloroethyl vinyl ether
Concen: 384.705 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

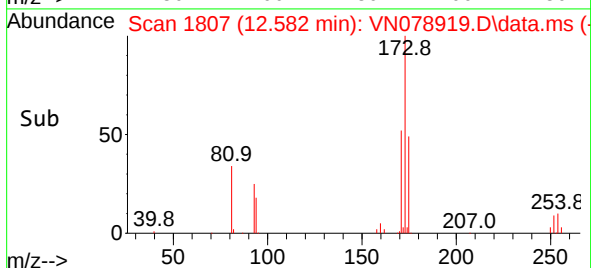
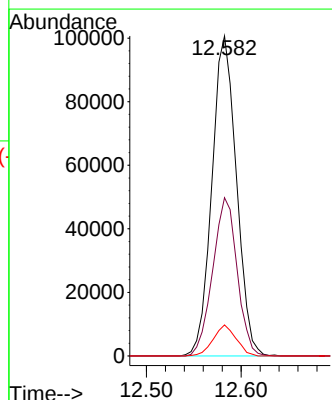
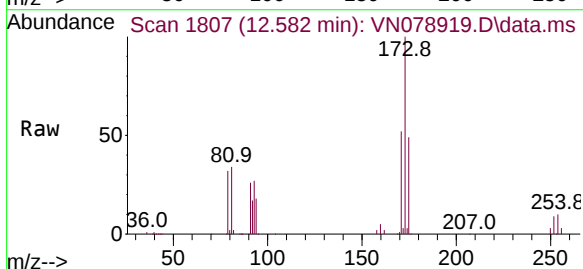
Instrument :
MSVOA_N
ClientSampleId :

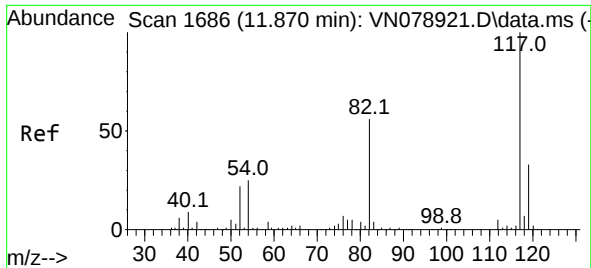
Tgt Ion: 63 Resp: 826259
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.2
106 26.8 22.3 33.5



#56
Bromoform
Concen: 78.029 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

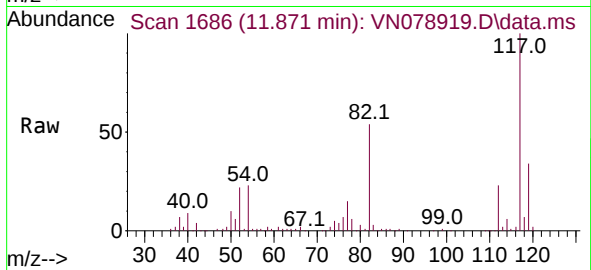
Tgt Ion:173 Resp: 180898
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 9.1 7.6 11.4



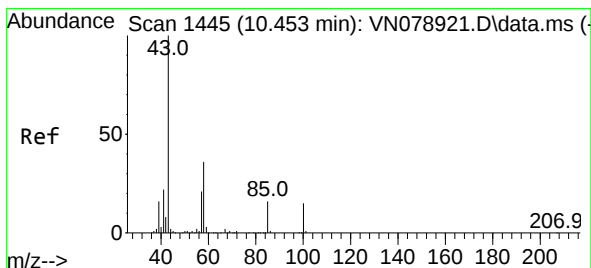
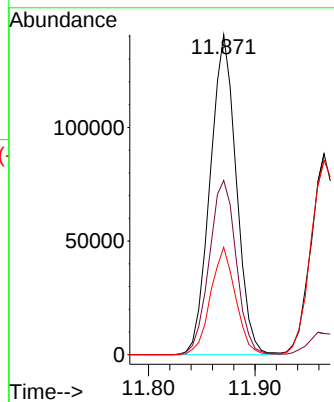
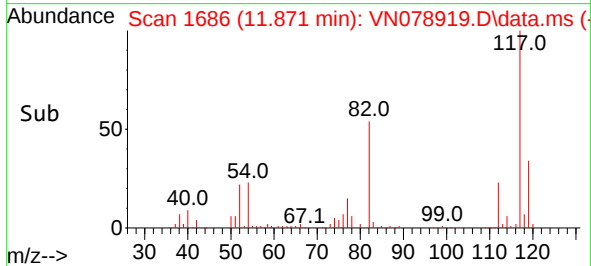


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :

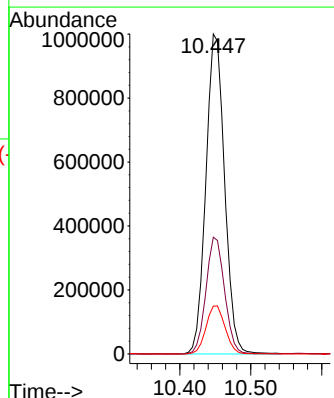
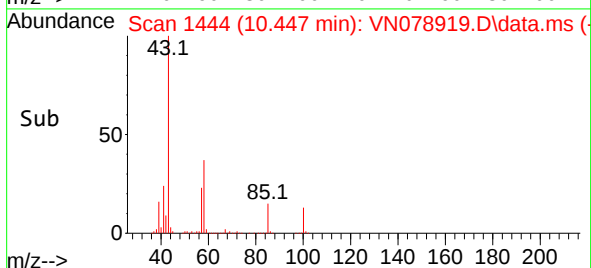
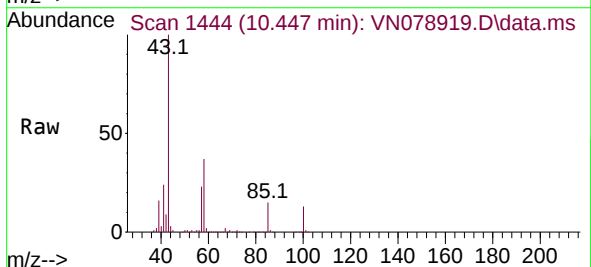


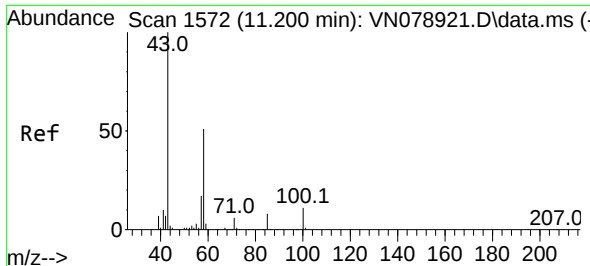
Tgt Ion:117 Resp: 240060
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.0
119 32.1 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 385.005 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 43 Resp: 1833731
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2
85 15.4 12.7 19.1

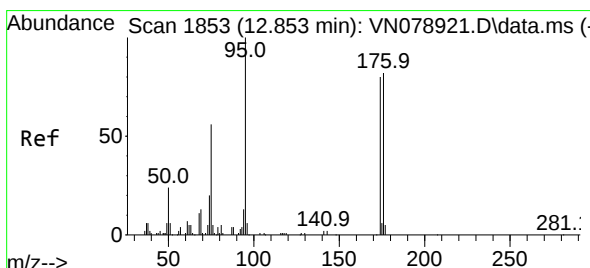
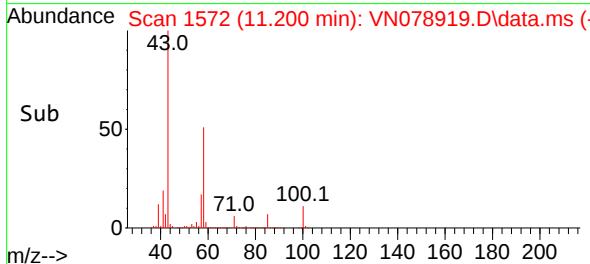
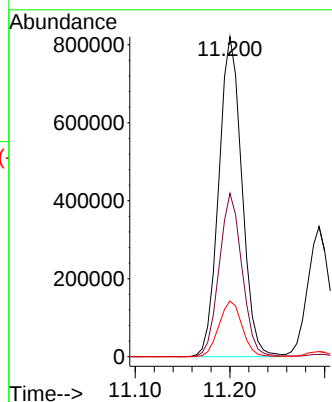
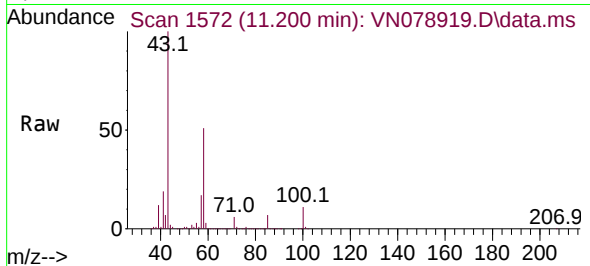




#59
2-Hexanone
Concen: 399.272 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

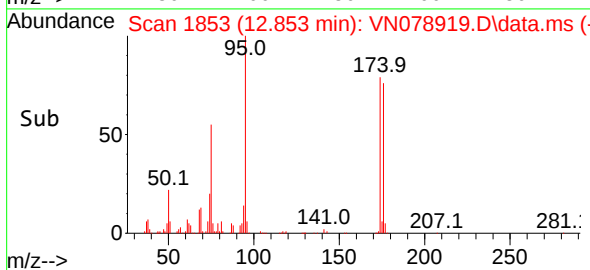
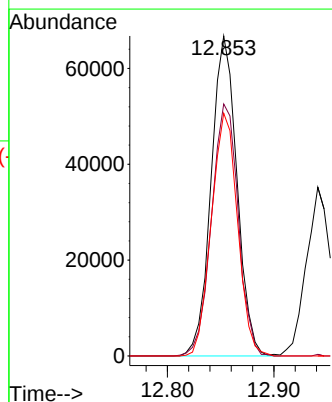
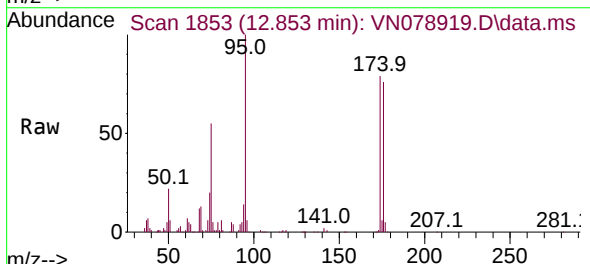
Instrument :
MSVOA_N
ClientSampleId :

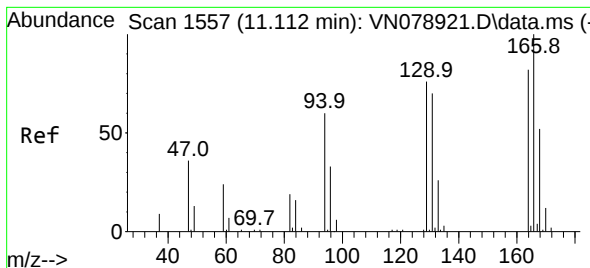
Tgt Ion: 43 Resp: 1393328
Ion Ratio Lower Upper
43 100
58 50.4 40.6 60.8
57 17.5 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 32.097 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 95 Resp: 112397
Ion Ratio Lower Upper
95 100
174 81.3 64.8 97.2
176 76.8 63.0 94.6





#61

Tetrachloroethene

Concen: 74.564 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

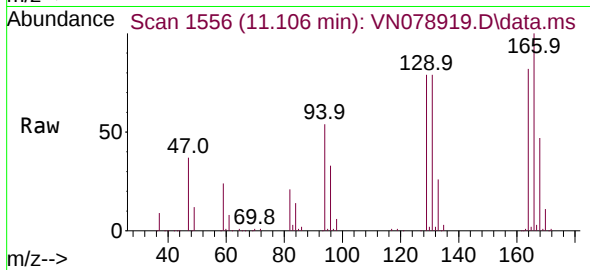
Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 173316

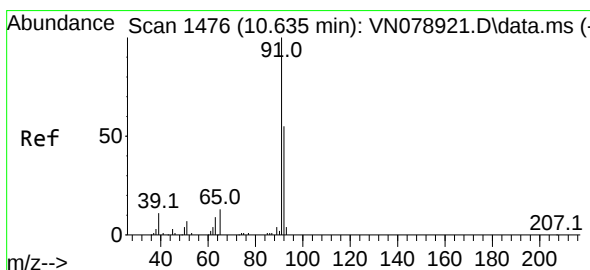
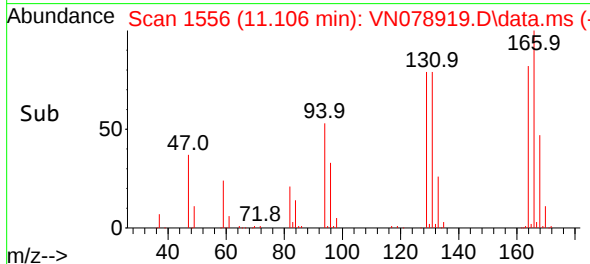
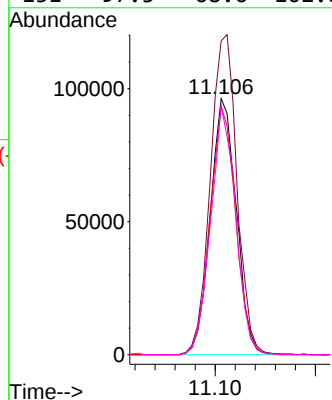
Ion Ratio Lower Upper

164 100

166 122.5 97.6 146.4

129 96.9 74.1 111.1

131 97.3 68.6 102.8



#62

Toluene

Concen: 75.550 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078919.D

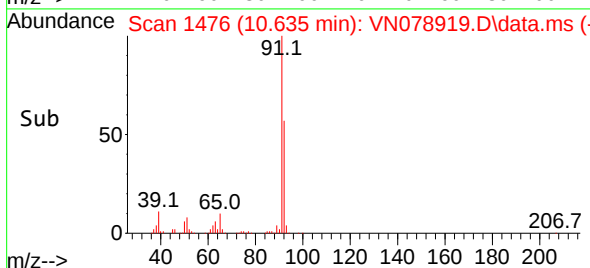
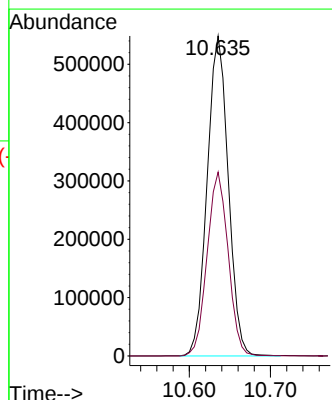
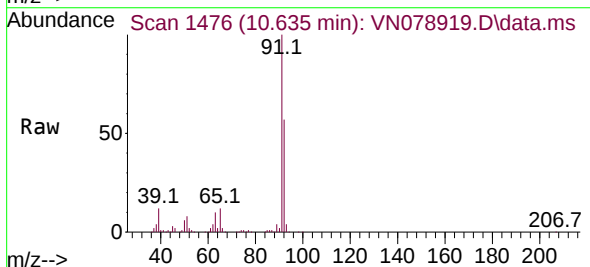
Acq: 17 Aug 2023 12:14

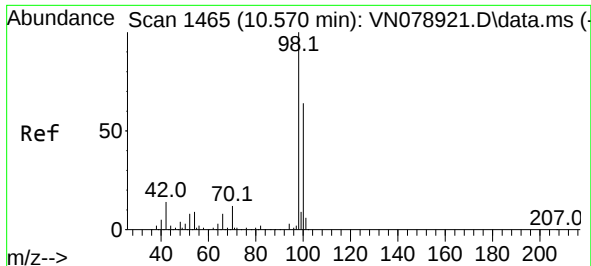
Tgt Ion: 91 Resp: 990160

Ion Ratio Lower Upper

91 100

92 57.1 44.7 67.1

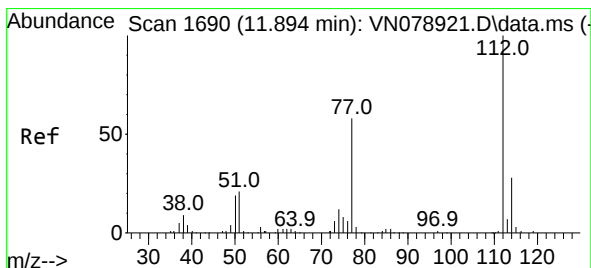
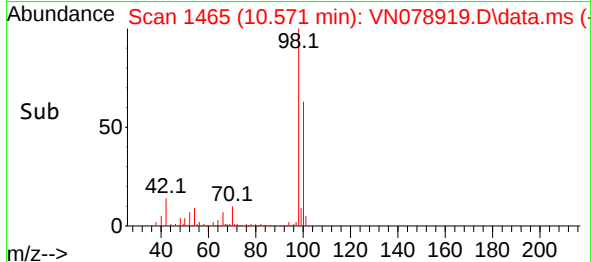
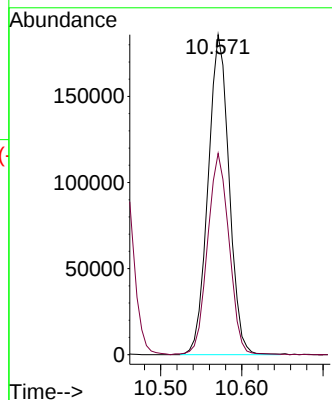
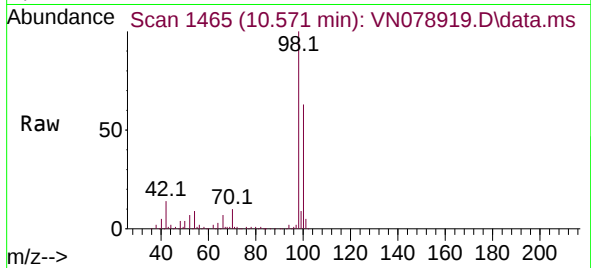




#63
Toluene-d8
Concen: 29.801 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

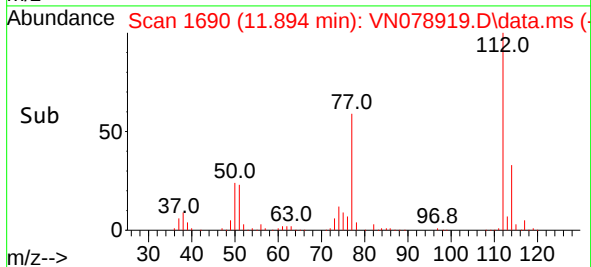
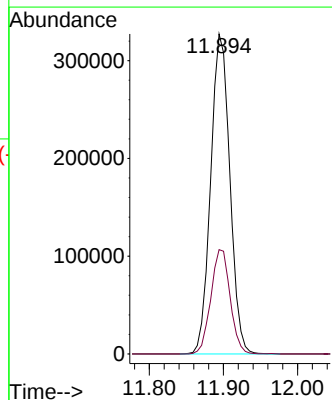
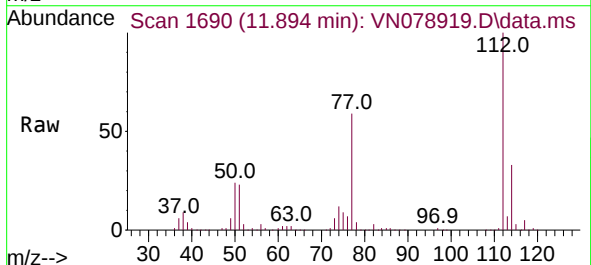
Instrument :
MSVOA_N
ClientSampleId :

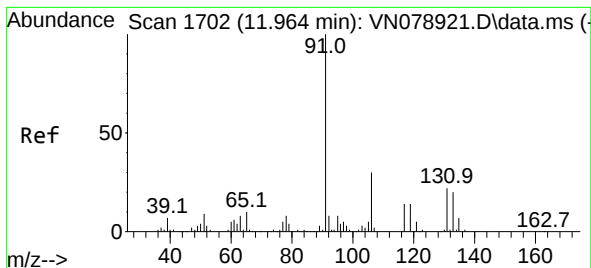
Tgt Ion: 98 Resp: 334086
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



#64
Chlorobenzene
Concen: 74.644 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 112 Resp: 588203
Ion Ratio Lower Upper
112 100
114 32.6 22.4 33.6





#65

1,1,1,2-Tetrachloroethane

Concen: 75.592 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

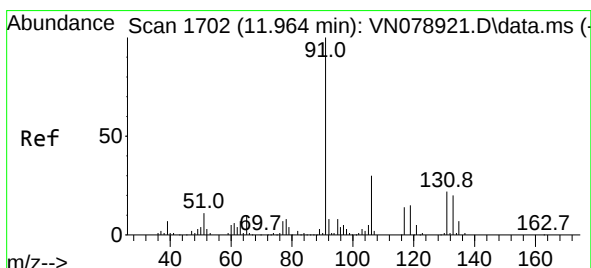
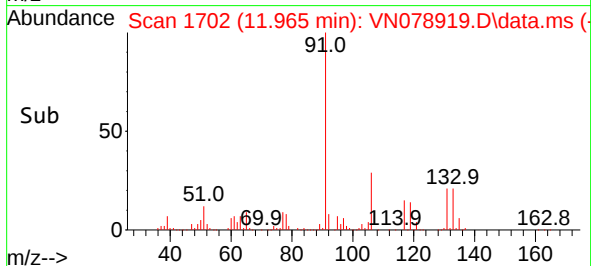
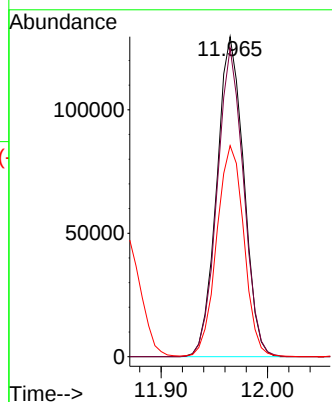
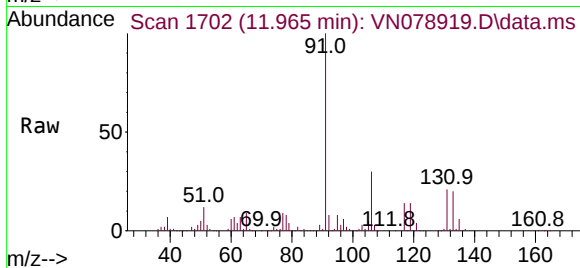
Tgt Ion:131 Resp: 227763

Ion Ratio Lower Upper

131 100

133 94.6 0.0 184.8

119 66.7 0.0 133.4



#66

Ethyl Benzene

Concen: 78.096 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN078919.D

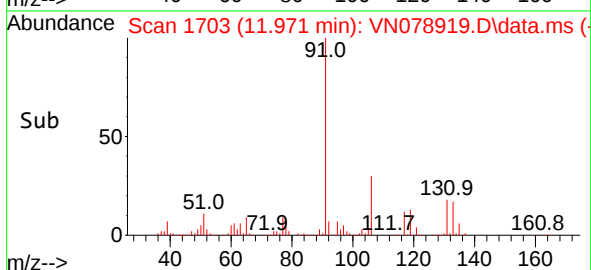
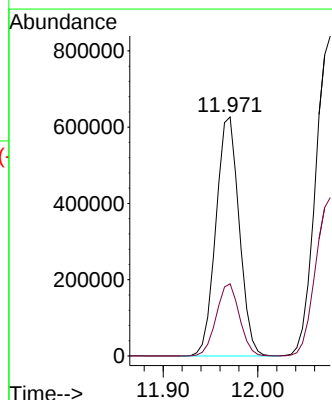
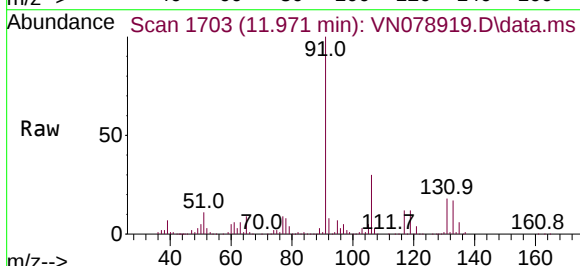
Acq: 17 Aug 2023 12:14

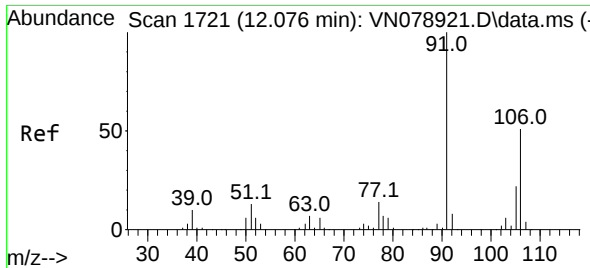
Tgt Ion: 91 Resp: 1070629

Ion Ratio Lower Upper

91 100

106 30.2 24.1 36.1

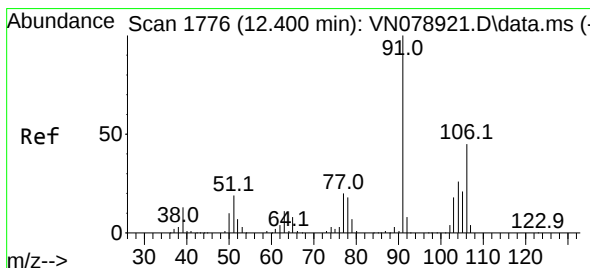
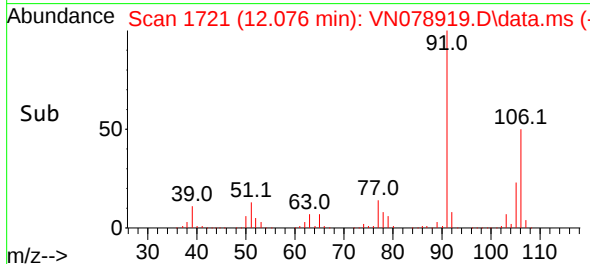
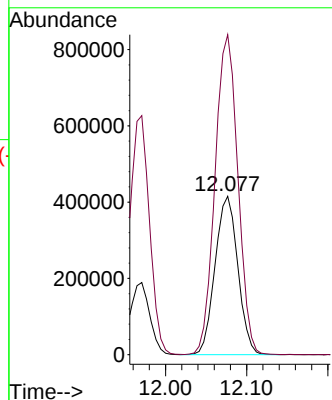
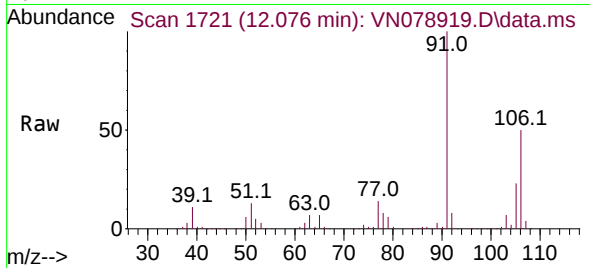




#67
m/p-Xylenes
Concen: 158.251 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

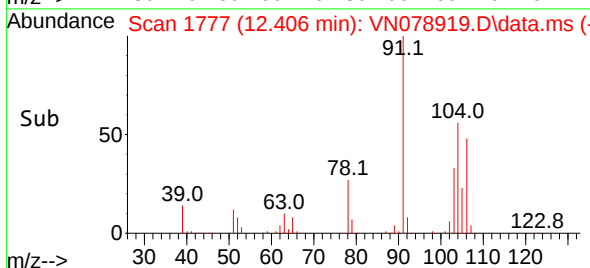
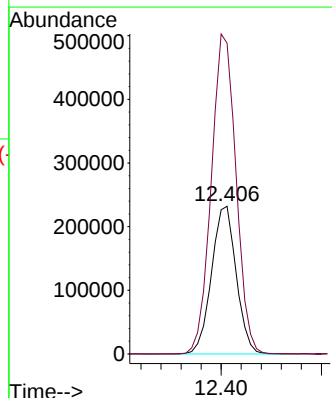
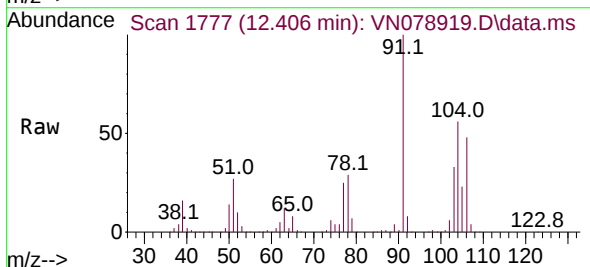
Instrument :
MSVOA_N
ClientSampleId :

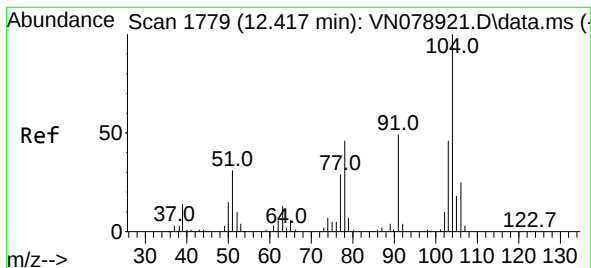
Tgt Ion:106 Resp: 808906
Ion Ratio Lower Upper
106 100
91 203.0 161.2 241.8



#68
o-Xylene
Concen: 78.662 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion:106 Resp: 396454
Ion Ratio Lower Upper
106 100
91 217.3 109.0 327.0





#69

Styrene

Concen: 82.248 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

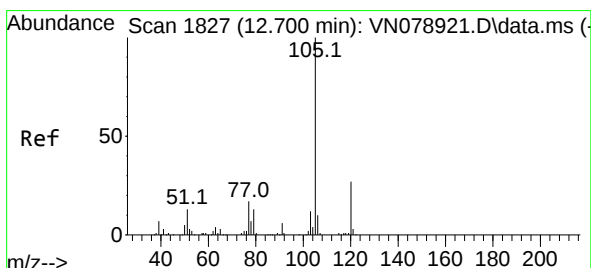
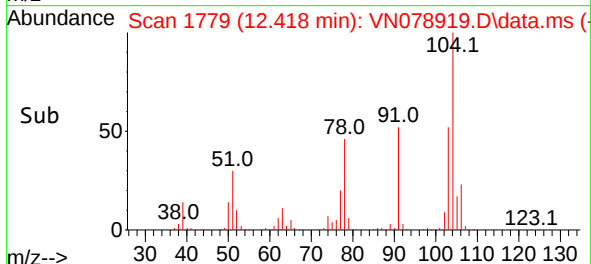
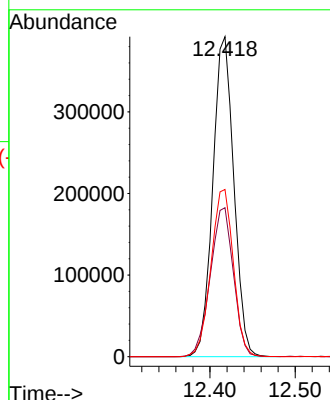
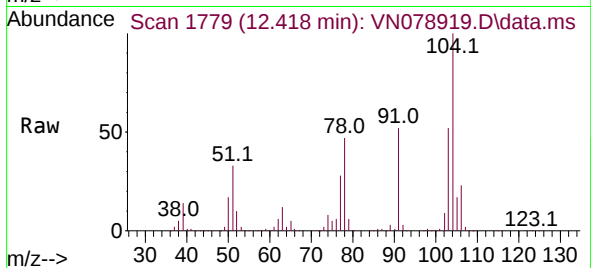
Tgt Ion:104 Resp: 673557

Ion Ratio Lower Upper

104 100

78 51.1 40.2 60.4

103 55.7 43.2 64.8



#70

Isopropylbenzene

Concen: 80.370 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078919.D

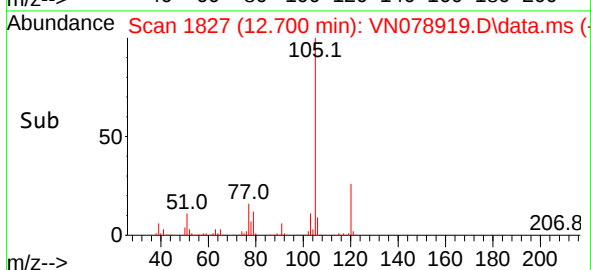
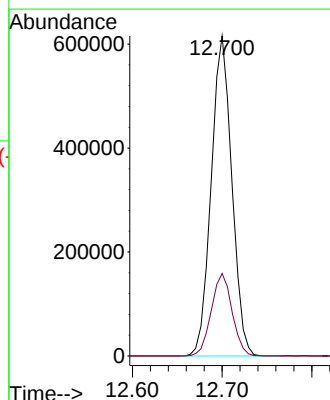
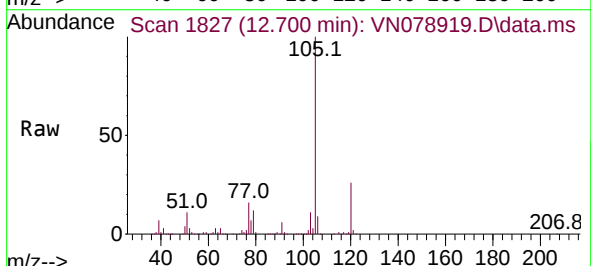
Acq: 17 Aug 2023 12:14

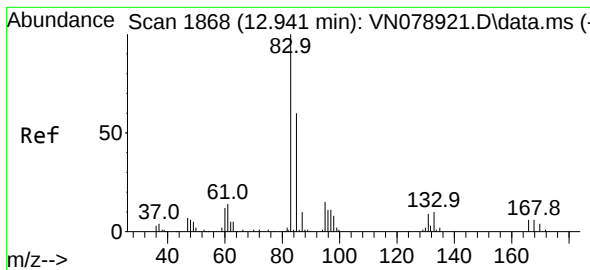
Tgt Ion:105 Resp: 981453

Ion Ratio Lower Upper

105 100

120 26.0 19.1 35.5

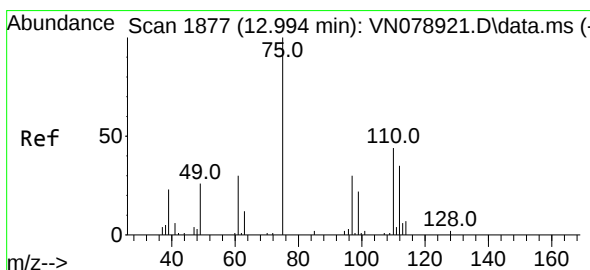
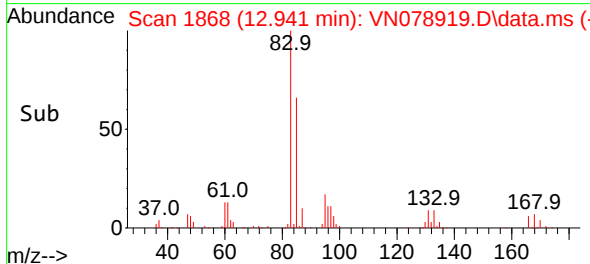
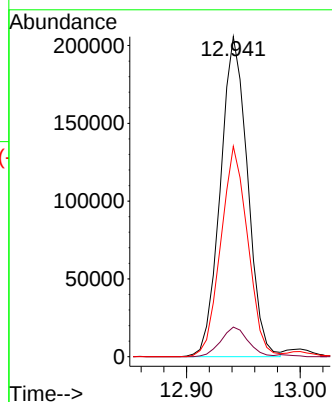
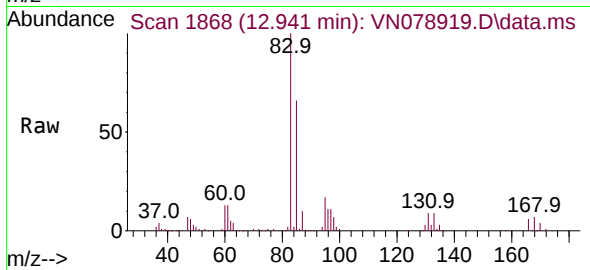




#71
 1,1,2,2-Tetrachloroethane
 Concen: 74.721 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078919.D
 Acq: 17 Aug 2023 12:14

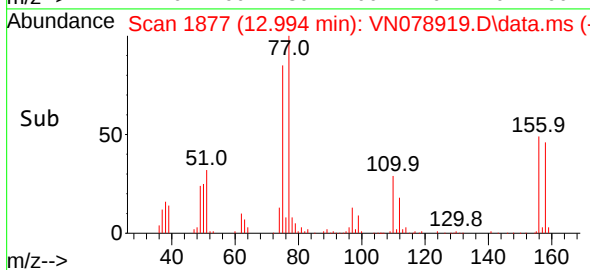
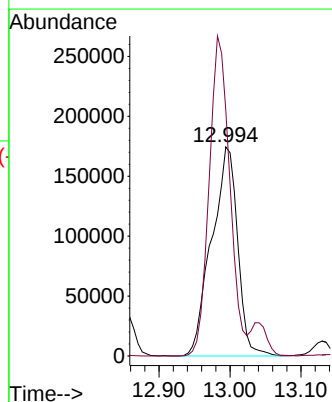
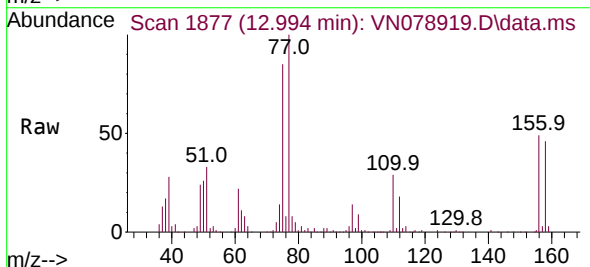
Instrument :
 MSVOA_N
 ClientSampleId :

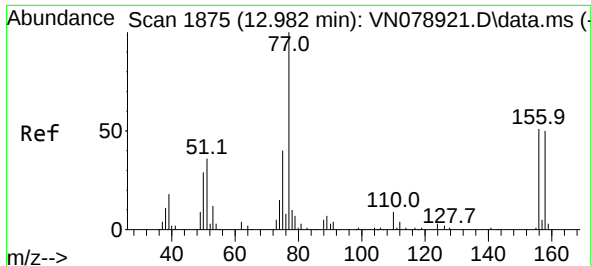
Tgt Ion: 83 Resp: 342056
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.7 14.0
 85 65.2 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 110.468 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN078919.D
 Acq: 17 Aug 2023 12:14

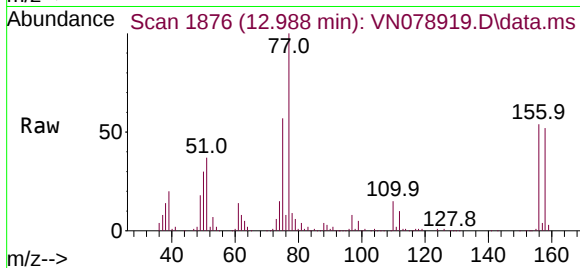
Tgt Ion: 75 Resp: 443144
 Ion Ratio Lower Upper
 75 100
 77 121.6 0.0 367.4



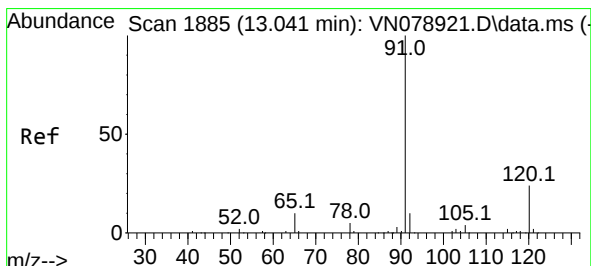
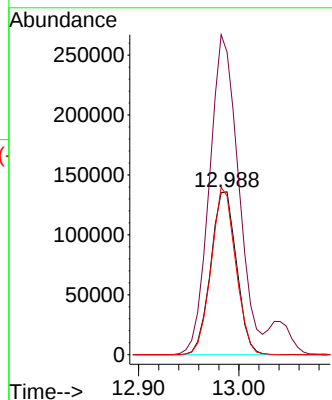
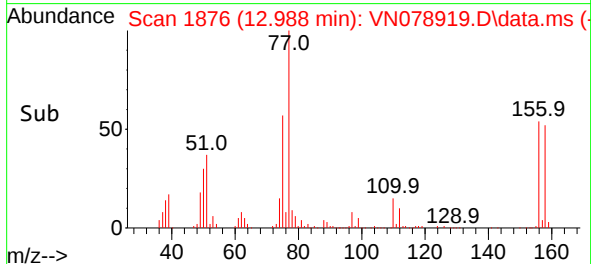


#73
Bromobenzene
Concen: 78.081 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :

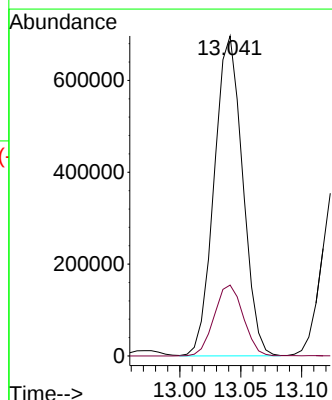
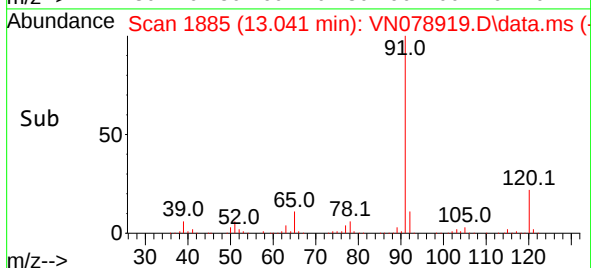
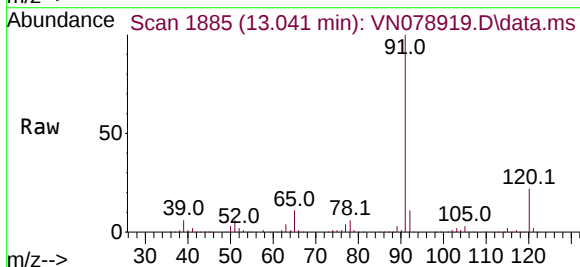


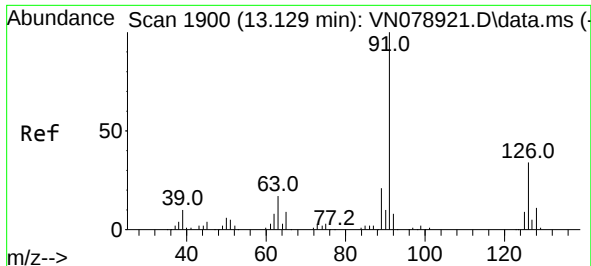
Tgt Ion:156 Resp: 242747
Ion Ratio Lower Upper
156 100
77 222.0 0.0 431.0
158 97.6 0.0 196.8



#74
n-propylbenzene
Concen: 81.723 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 91 Resp: 1131025
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.4

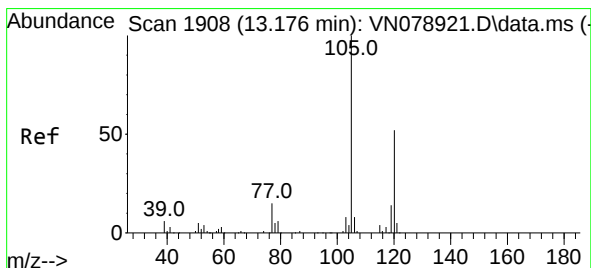
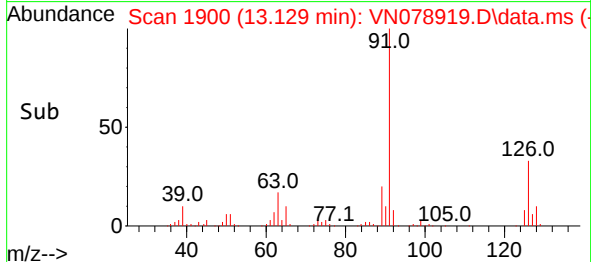
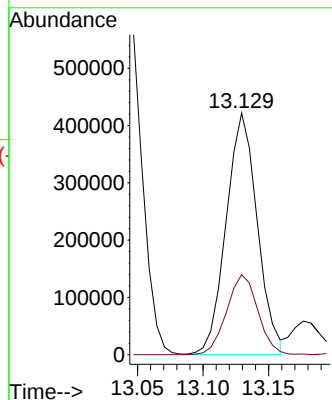
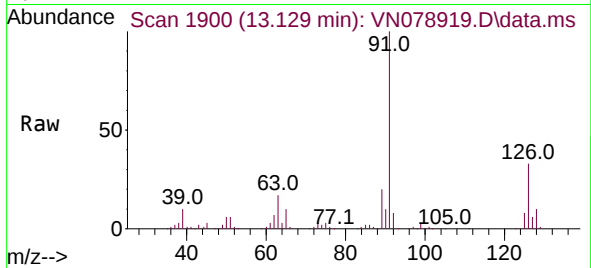




#75
2-Chlorotoluene
Concen: 79.484 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

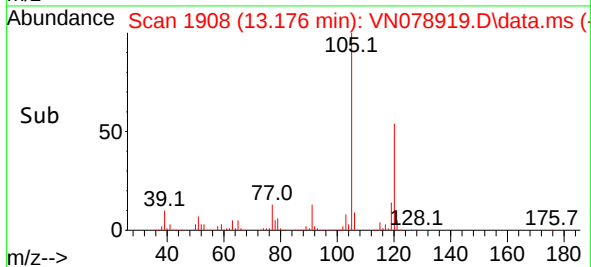
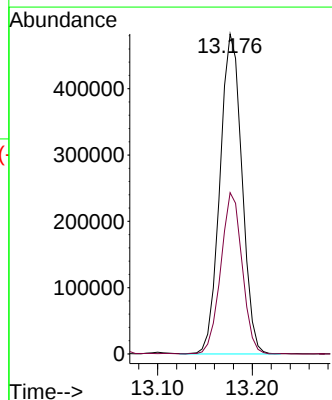
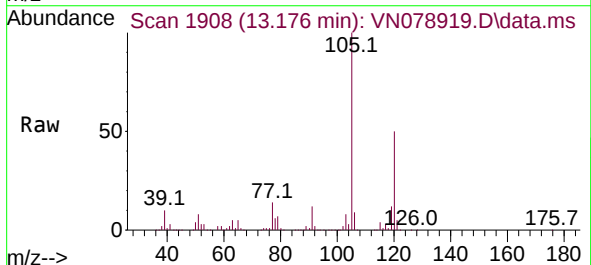
Instrument :
MSVOA_N
ClientSampleId :

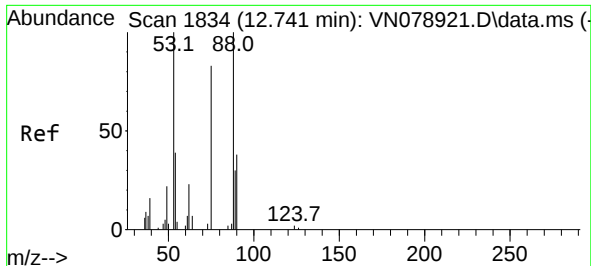
Tgt Ion: 91 Resp: 697863
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 80.482 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 105 Resp: 779094
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.8

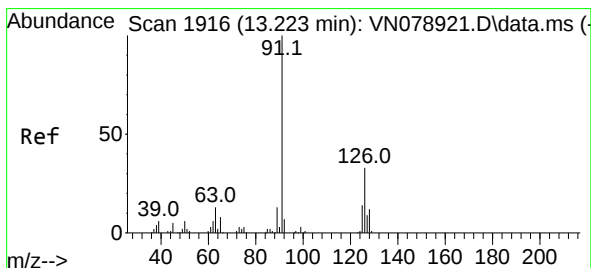
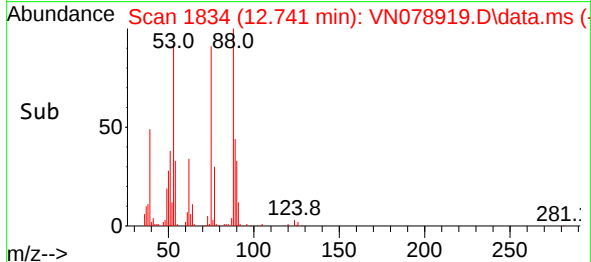
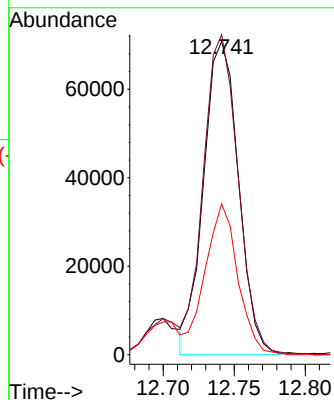
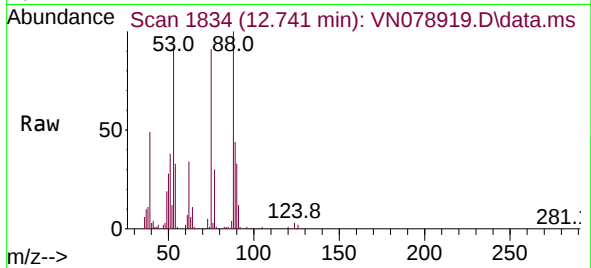




#77
t-1,4-Dichloro-2-butene
Concen: 86.737 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

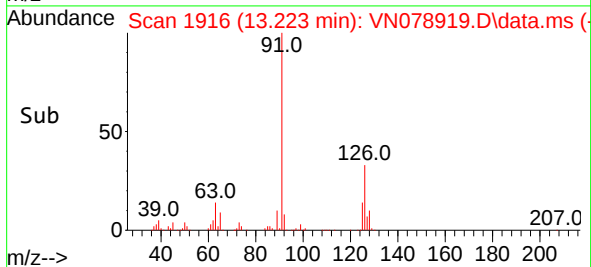
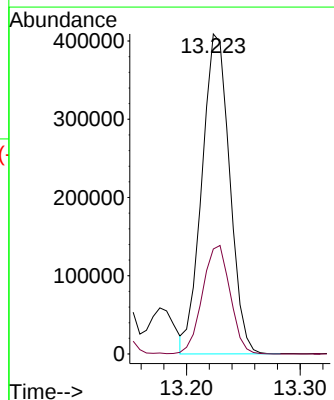
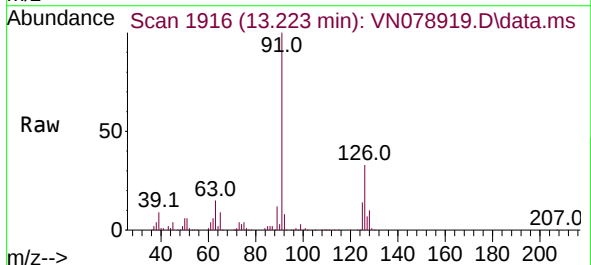
Instrument :
MSVOA_N
ClientSampleId :

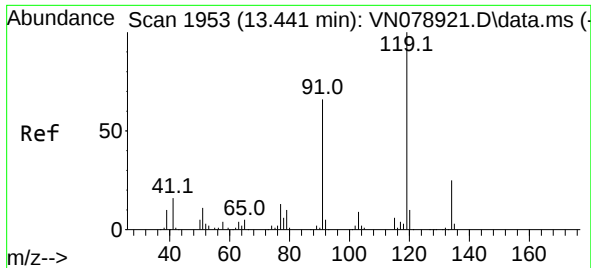
Tgt Ion: 75 Resp: 121054
Ion Ratio Lower Upper
75 100
53 101.8 60.1 180.3
89 48.0 22.9 68.8



#78
4-Chlorotoluene
Concen: 82.552 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion: 91 Resp: 694381
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.4

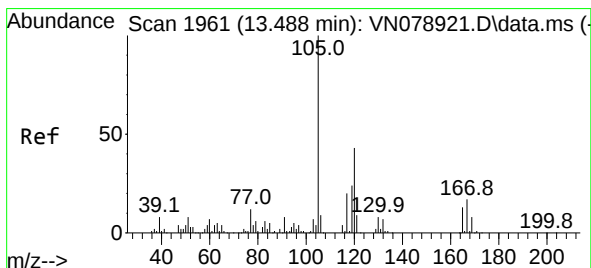
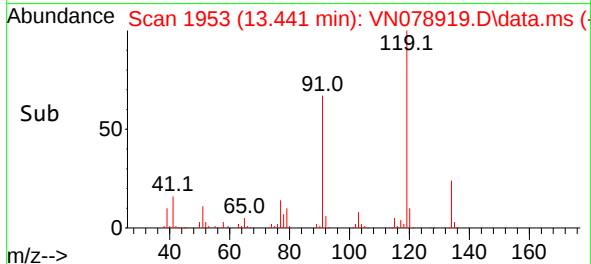
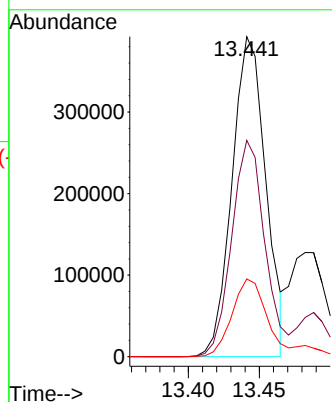
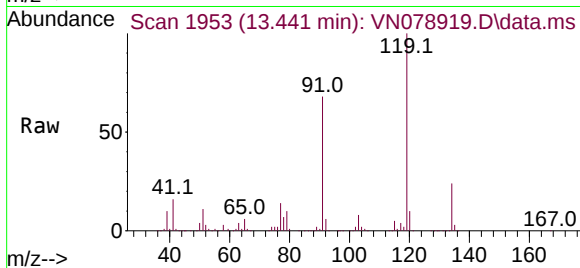




#79
tert-butylbenzene
Concen: 79.348 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

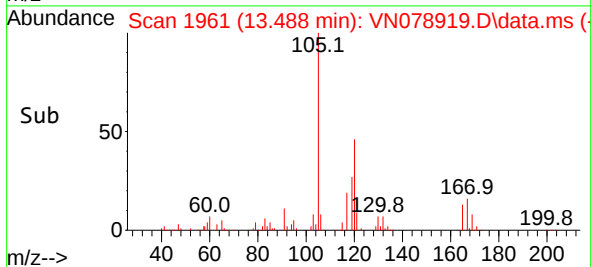
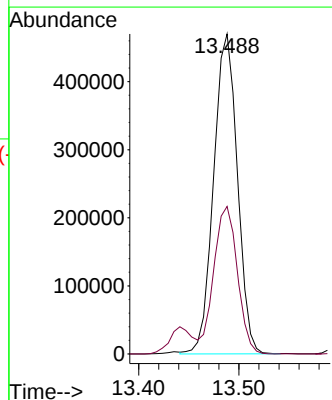
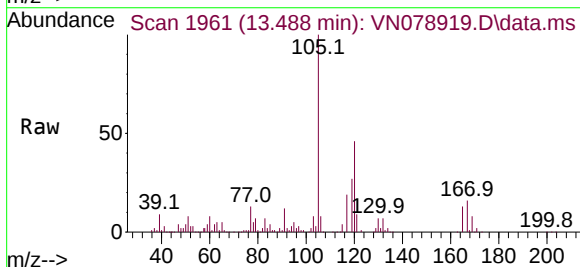
Instrument :
MSVOA_N
ClientSampleId :

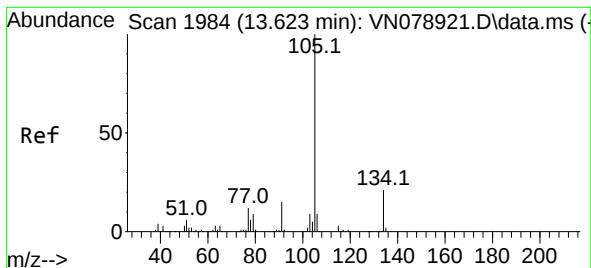
Tgt Ion	Resp	Ion	Ratio	Lower	Upper
119	649085	119	100		
91		91	66.8	0.0	135.6
134		134	24.7	0.0	51.4



#80
1,2,4-Trimethylbenzene
Concen: 81.155 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078919.D
Acq: 17 Aug 2023 12:14

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
105	772488	105	100		
120		120	46.0	0.0	91.6





#81

sec-Butylbenzene

Concen: 83.231 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

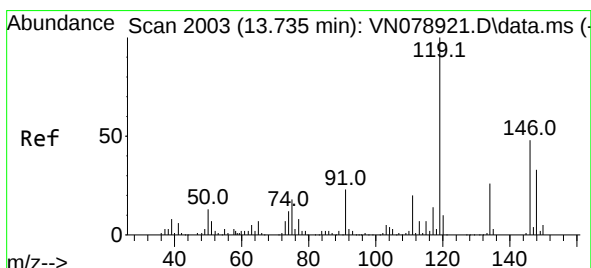
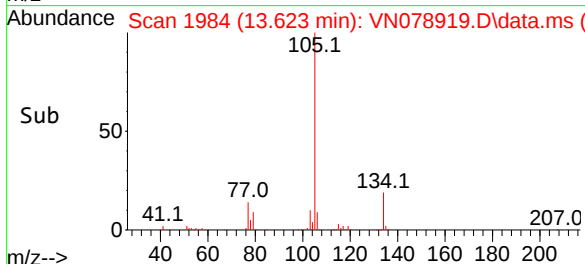
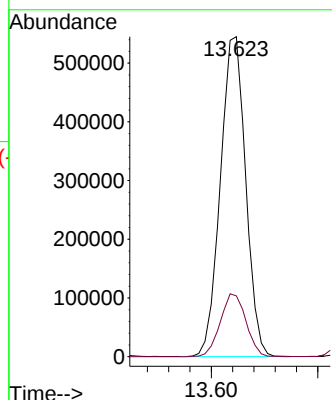
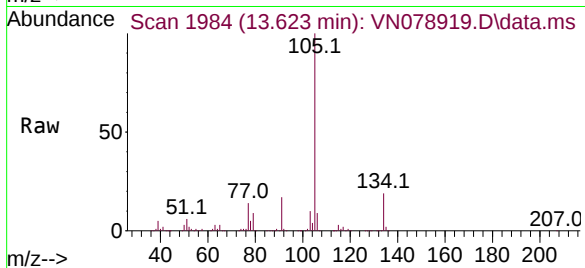
ClientSampleId :

Tgt Ion:105 Resp: 898544

Ion Ratio Lower Upper

105 100

134 20.0 0.0 41.6



#82

p-Isopropyltoluene

Concen: 84.355 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

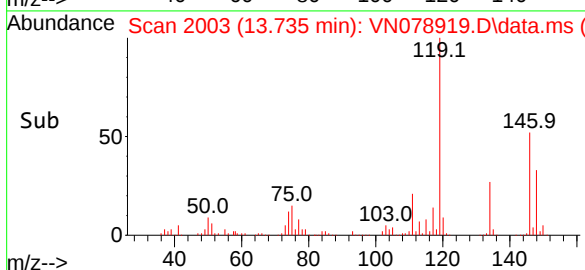
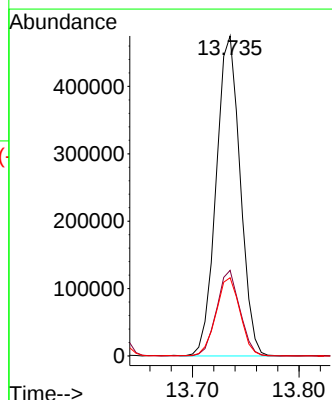
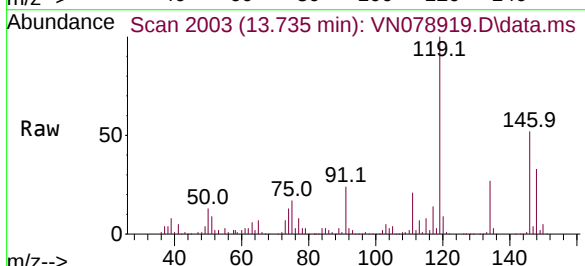
Tgt Ion:119 Resp: 743516

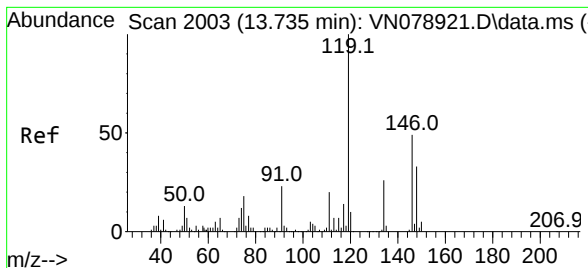
Ion Ratio Lower Upper

119 100

134 25.9 0.0 52.4

91 24.5 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 82.573 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

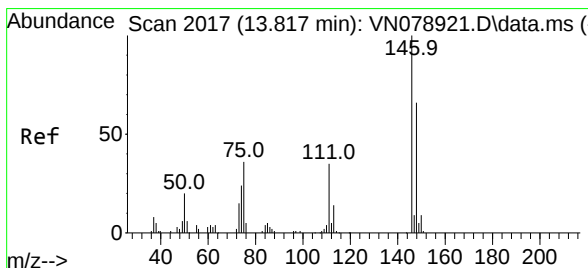
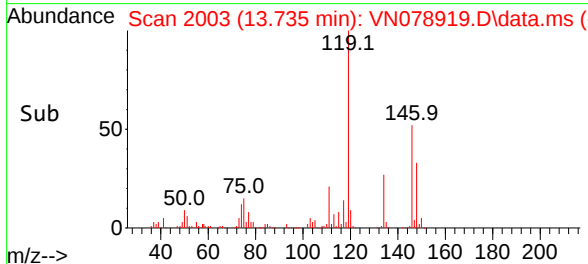
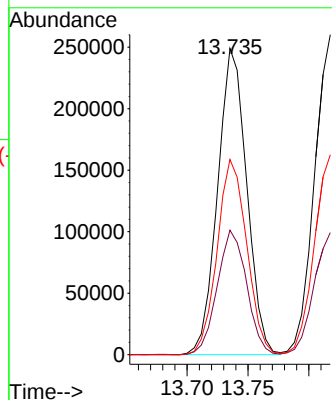
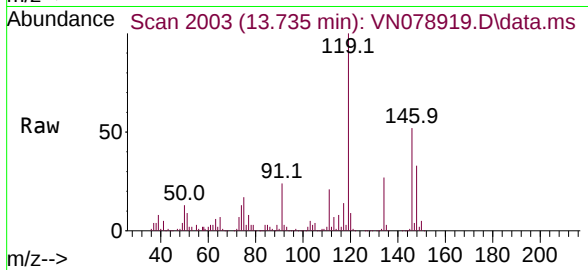
Tgt Ion:146 Resp: 414292

Ion Ratio Lower Upper

146 100

111 41.0 21.2 63.6

148 64.8 33.1 99.5



#84

1,4-Dichlorobenzene

Concen: 85.549 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

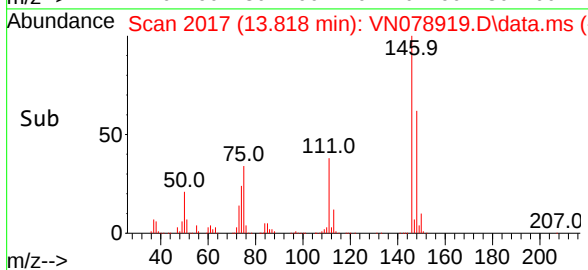
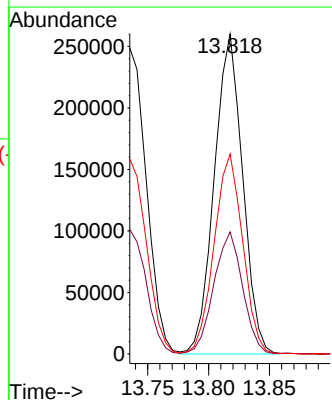
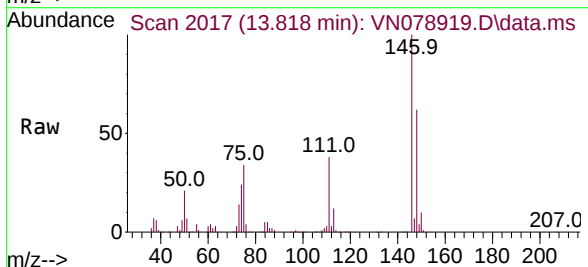
Tgt Ion:146 Resp: 421406

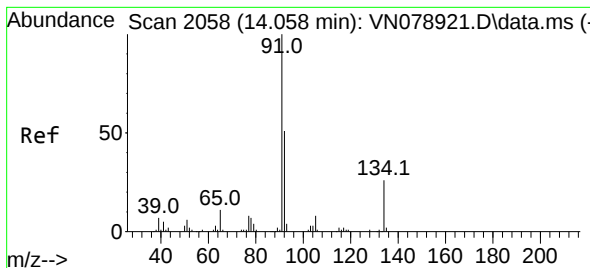
Ion Ratio Lower Upper

146 100

111 38.8 18.6 56.0

148 62.7 32.0 96.2





#85

n-Butylbenzene

Concen: 88.992 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

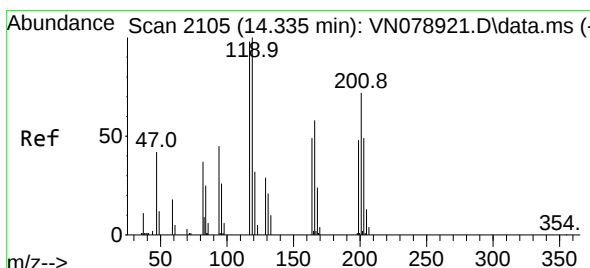
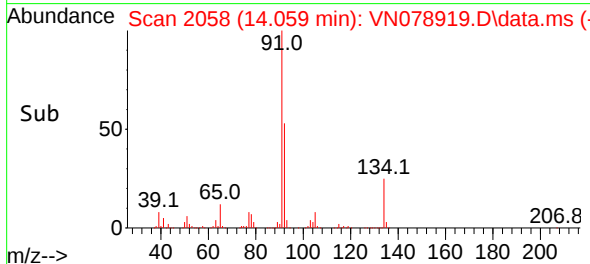
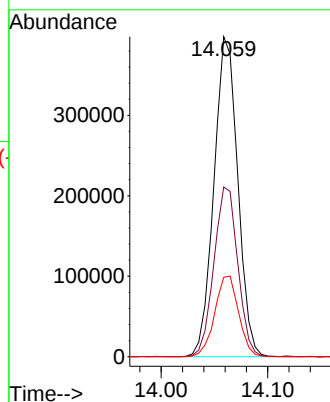
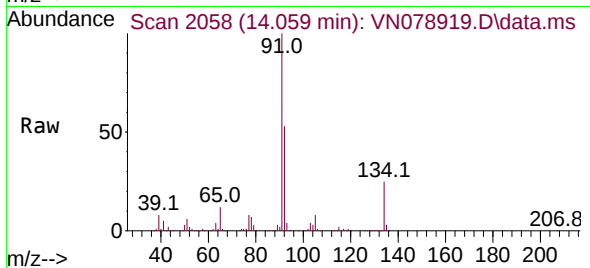
Tgt Ion: 91 Resp: 616928

Ion Ratio Lower Upper

91 100

92 53.2 0.0 102.8

134 25.2 0.0 48.6



#86

Hexachloroethane

Concen: 80.753 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078919.D

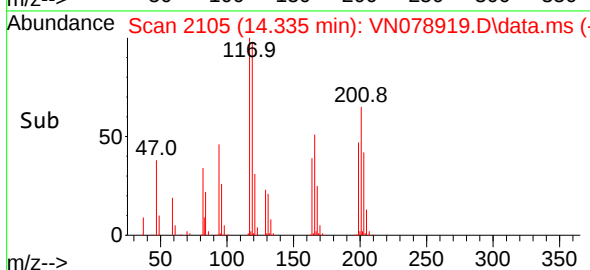
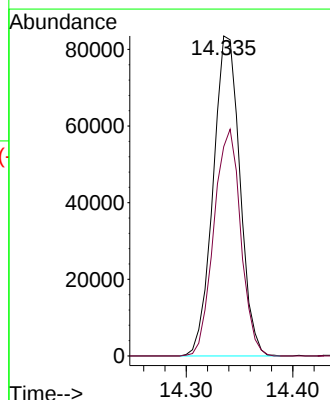
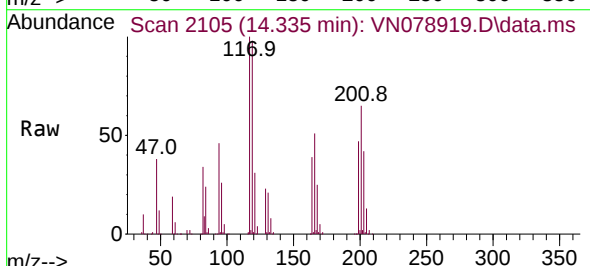
Acq: 17 Aug 2023 12:14

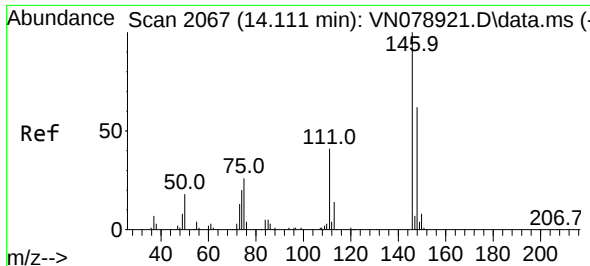
Tgt Ion: 117 Resp: 145637

Ion Ratio Lower Upper

117 100

201 71.0 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 82.909 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

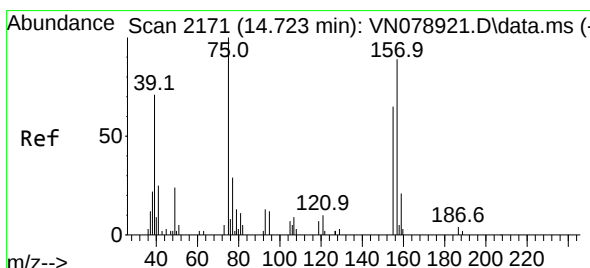
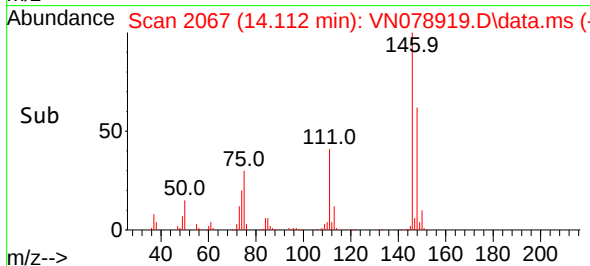
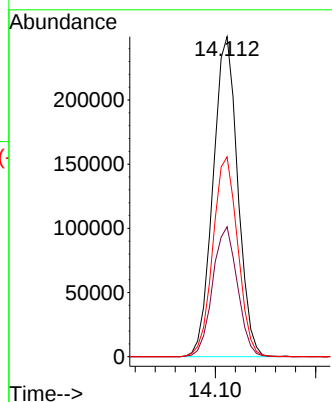
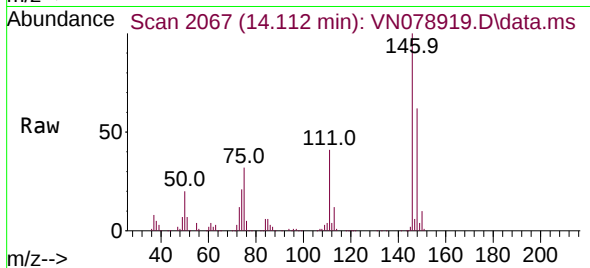
Tgt Ion:146 Resp: 426051

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 63.0 32.0 96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 83.412 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

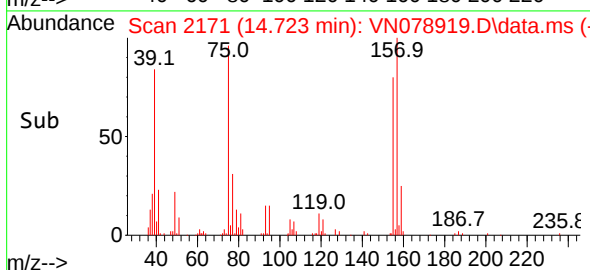
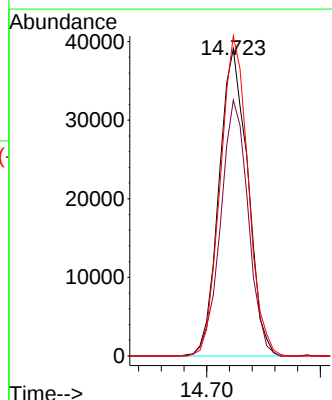
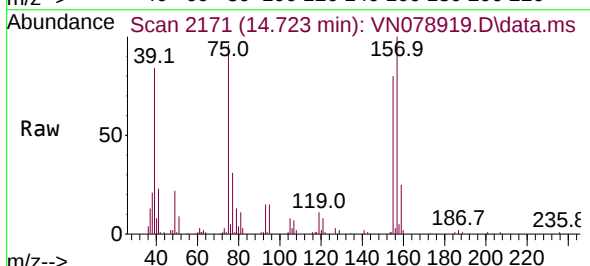
Tgt Ion: 75 Resp: 68535

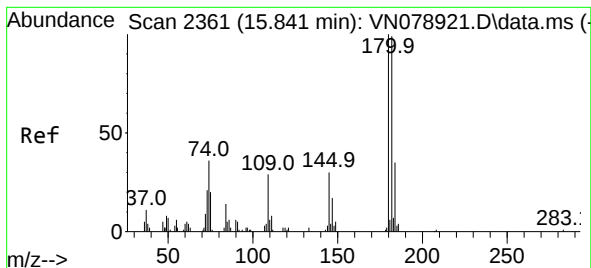
Ion Ratio Lower Upper

75 100

155 79.9 61.1 91.7

157 101.1 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 92.113 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

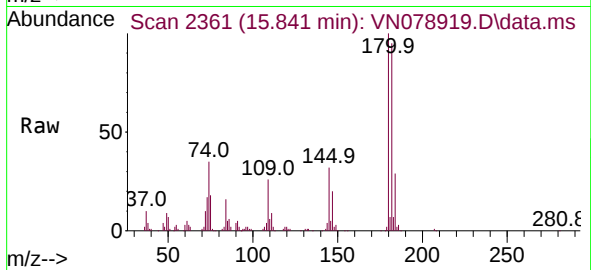
Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :



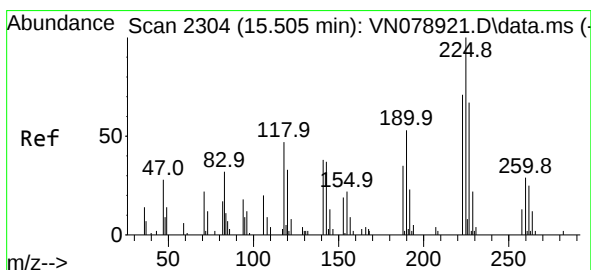
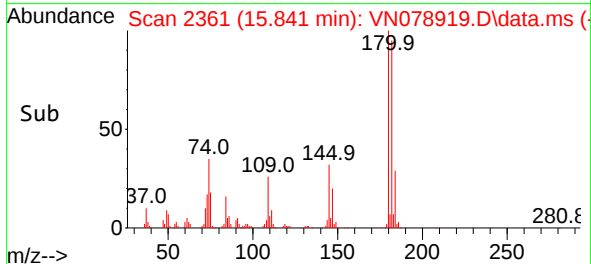
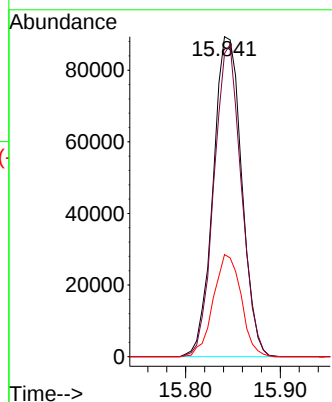
Tgt Ion:180 Resp: 186988

Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 31.2 26.5 39.7



#90

Hexachlorobutadiene

Concen: 80.133 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

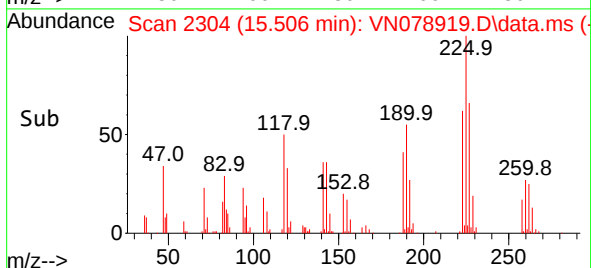
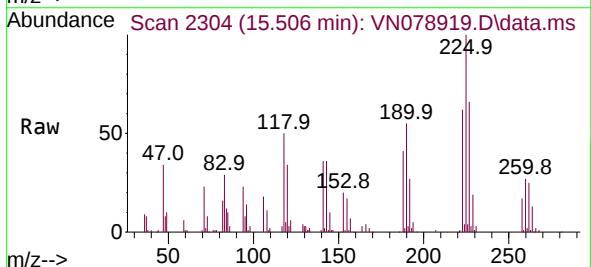
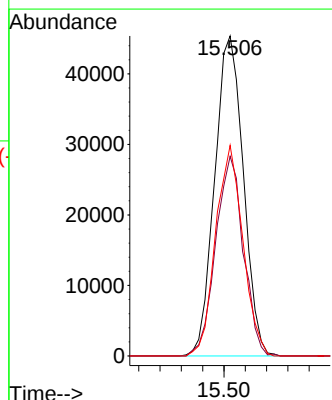
Tgt Ion:225 Resp: 84669

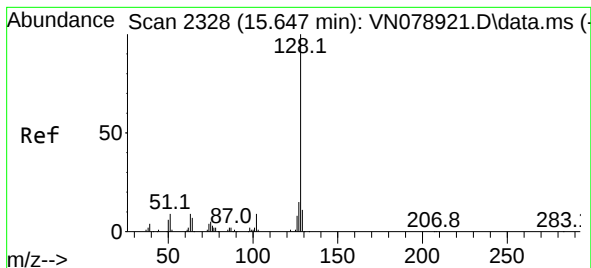
Ion Ratio Lower Upper

225 100

223 60.3 0.0 124.0

227 62.6 0.0 117.4





#91

Naphthalene

Concen: 100.286 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

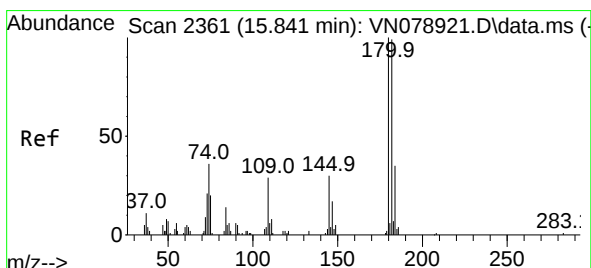
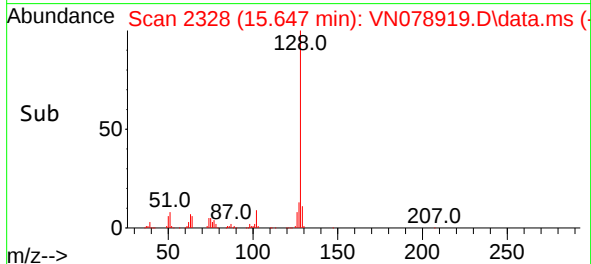
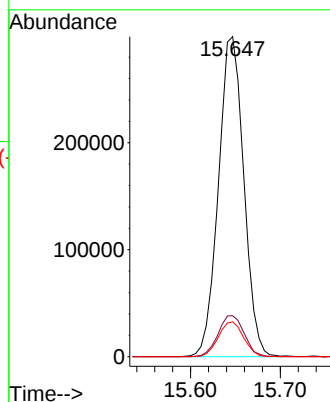
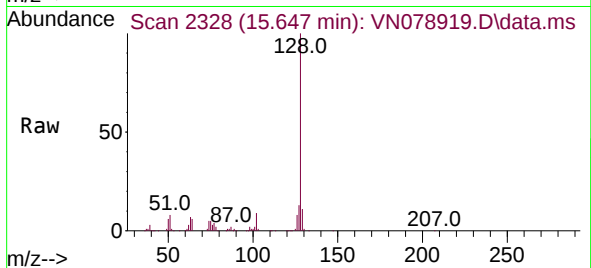
Tgt Ion:128 Resp: 587019

Ion Ratio Lower Upper

128 100

127 13.2 11.1 16.7

129 10.8 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 92.137 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN078919.D

Acq: 17 Aug 2023 12:14

Tgt Ion:180 Resp: 186988

Ion Ratio Lower Upper

180 100

182 93.3 0.0 190.2

145 31.2 0.0 66.2

