

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078918.D
 Acq On : 17 Aug 2023 11:50
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:02:38 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	46688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	262095	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	238370	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	111269	29.417	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.067%
60) 4-Bromofluorobenzene	12.853	95	110004	31.636	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.467%
63) Toluene-d8	10.571	98	328784	29.536	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.467%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	288918	98.068	ug/l	99
3) Chloromethane	2.365	50	331544	93.902	ug/l	96
4) Vinyl Chloride	2.512	62	339619	97.187	ug/l	99
5) Bromomethane	2.936	94	198678	92.108	ug/l	100
6) Chloroethane	3.106	64	210935	92.888	ug/l	98
7) Trichlorofluoromethane	3.489	101	457859	97.280	ug/l	99
8) Diethyl Ether	3.959	74	181000	102.248	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	240259	97.847	ug/l	92
10) 1,1-Dichloroethene	4.336	96	246772	99.091	ug/l #	88
11) Methyl Iodide	4.589	142	325838	109.187	ug/l	94
12) Methyl Acetate	5.030	43	555069	95.758	ug/l	100
13) Acrolein	4.183	56	164948	408.258	ug/l	97
14) Acrylonitrile	5.724	53	755284	495.673	ug/l #	92
15) Acetone	4.430	58	312999	668.873	ug/l	93
16) Carbon Disulfide	4.712	76	689783	97.076	ug/l	96
17) Allyl chloride	5.024	41	451319	101.593	ug/l	96
18) Methylene Chloride	5.277	84	287074	97.103	ug/l #	88
19) trans-1,2-Dichloroethene	5.783	96	272867	98.038	ug/l	97
20) Diisopropyl ether	6.677	45	1044661	105.951	ug/l	91
21) 1,1-Dichloroethane	6.571	63	547506	100.071	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	320792	100.703	ug/l	98
23) tert-Butyl Alcohol	5.530	59	270047	475.115	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	898577	102.312	ug/l	99
25) Chloroform	7.971	83	543759	98.656	ug/l	95
26) Cyclohexane	8.265	56	405621	101.350	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	418346	104.926	ug/l	99
30) 2-Butanone	7.488	43	1317908	564.643	ug/l	99
31) 2,2-Dichloropropane	7.494	77	477752	108.422	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	473353	99.441	ug/l	99
33) Carbon Tetrachloride	8.365	117	421275	102.174	ug/l	98
34) Benzene	8.612	78	1199946	100.430	ug/l	99
35) Methacrylonitrile	7.782	41	238980	96.065	ug/l	96
36) 1,2-Dichloroethane	8.677	62	450347	100.652	ug/l	96
37) Trichloroethene	9.359	130	301381	101.335	ug/l	93
38) Methylcyclohexane	9.606	83	340223	96.925	ug/l	97
39) 1,2-Dichloropropane	9.624	63	324423	100.804	ug/l	99
40) Dibromomethane	9.712	93	209938	97.315	ug/l	98
41) Bromodichloromethane	9.894	83	442915	102.092	ug/l	98
42) Vinyl Acetate	6.606	43	3435804	522.103	ug/l	99

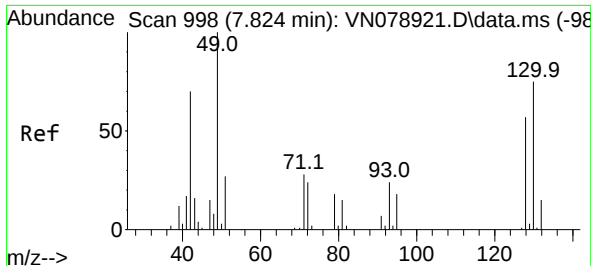
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
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 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	434181	97.818	ug/l	97
44) Isopropyl Acetate	8.694	43	784234	98.291	ug/l	100
45) 1,4-Dioxane	9.700	88	117719	1960.649	ug/l	97
46) Methyl methacrylate	9.688	41	374338	106.487	ug/l	90
47) n-amyl Acetate	12.500	43	692388	113.086	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	503842	109.042	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	526149	106.193	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	287414	98.588	ug/l	97
51) Ethyl methacrylate	10.876	69	487064	107.943	ug/l	97
52) 1,3-Dichloropropane	11.165	76	525567	100.652	ug/l	100
53) Dibromochloromethane	11.365	129	329650	103.314	ug/l	97
54) 1,2-Dibromoethane	11.476	107	303014	101.240	ug/l	94
55) 2-Chloroethyl vinyl ether	10.165	63	1040755	499.017	ug/l	99
56) Bromoform	12.582	173	241830	107.421	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	2325716	491.763	ug/l	99
59) 2-Hexanone	11.200	43	1863488	537.786	ug/l	100
61) Tetrachloroethene	11.106	164	228854	99.156	ug/l	98
62) Toluene	10.635	91	1305328	100.303	ug/l	98
64) Chlorobenzene	11.894	112	781252	99.845	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	300748	100.522	ug/l	97
66) Ethyl Benzene	11.970	91	1428239	104.921	ug/l	98
67) m/p-Xylenes	12.076	106	1078417	212.473	ug/l	99
68) o-Xylene	12.400	106	529903	105.886	ug/l	99
69) Styrene	12.417	104	899846	110.659	ug/l	98
70) Isopropylbenzene	12.700	105	1272450	104.938	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	439057	96.590	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	573149	143.889	ug/l	58
73) Bromobenzene	12.982	156	322405	104.439	ug/l	98
74) n-propylbenzene	13.041	91	1473704	107.238	ug/l	100
75) 2-Chlorotoluene	13.129	91	913532	104.786	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	998674	103.896	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	156162	112.686	ug/l	88
78) 4-Chlorotoluene	13.229	91	929410	111.276	ug/l	100
79) tert-butylbenzene	13.441	119	834248	102.707	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	1016910	107.591	ug/l	100
81) sec-Butylbenzene	13.623	105	1094106	102.064	ug/l	98
82) p-Isopropyltoluene	13.735	119	914853	104.529	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	558331	112.071	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	564033	115.315	ug/l	98
85) n-Butylbenzene	14.059	91	773163	112.319	ug/l	99
86) Hexachloroethane	14.341	117	180404	100.739	ug/l	94
87) 1,2-Dichlorobenzene	14.111	146	548220	107.439	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	83475	102.315	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	225975	112.108	ug/l	99
90) Hexachlorobutadiene	15.505	225	95343	90.875	ug/l	97
91) Naphthalene	15.647	128	763092	131.290	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	225975	112.137	ug/l	99

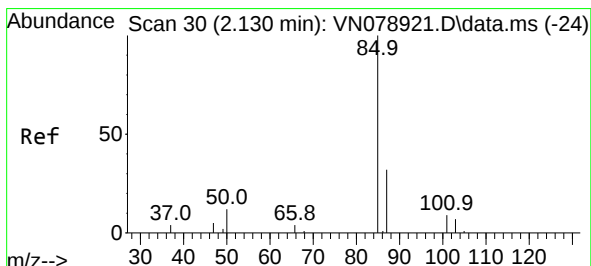
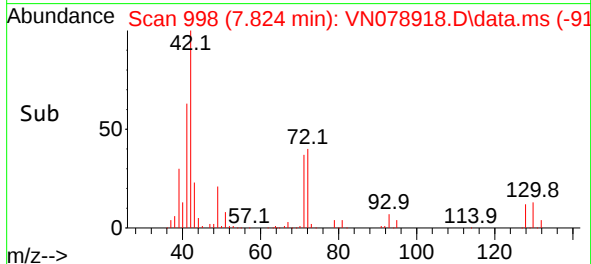
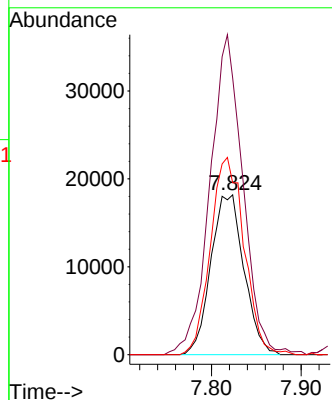
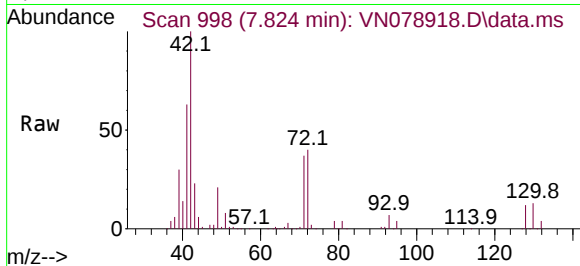
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

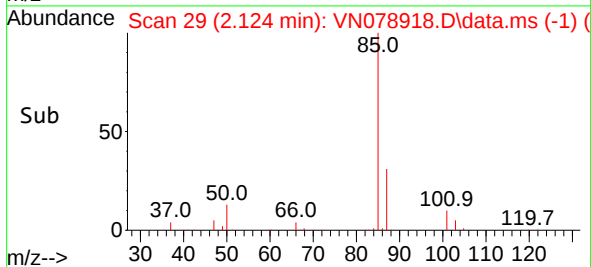
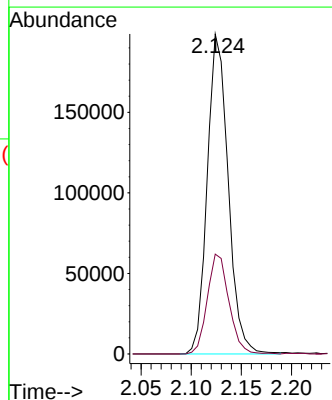
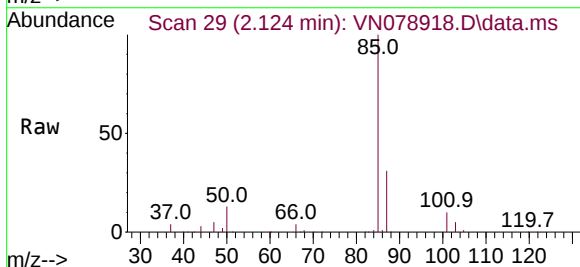
Instrument :
MSVOA_N
ClientSampleId :

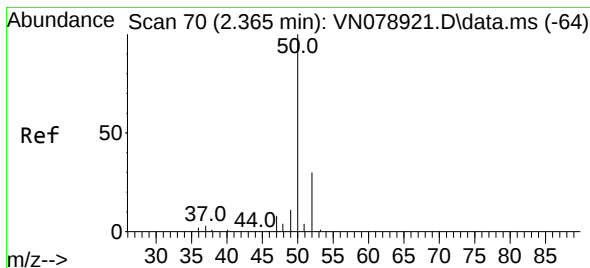
Tgt Ion:128 Resp: 46688
Ion Ratio Lower Upper
128 100
49 197.0 0.0 481.8
130 125.1 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 98.068 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 85 Resp: 288918
Ion Ratio Lower Upper
85 100
87 31.2 15.9 47.7





#3

Chloromethane

Concen: 93.902 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

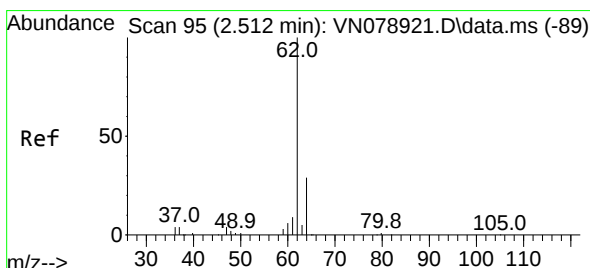
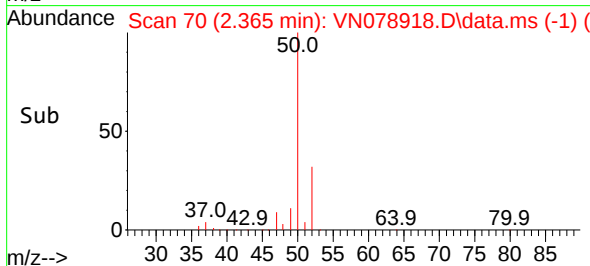
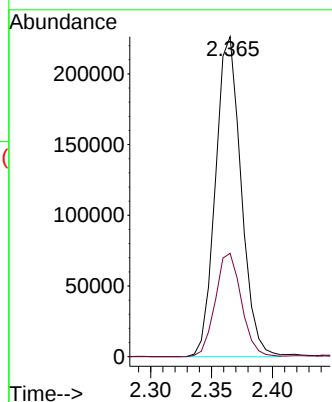
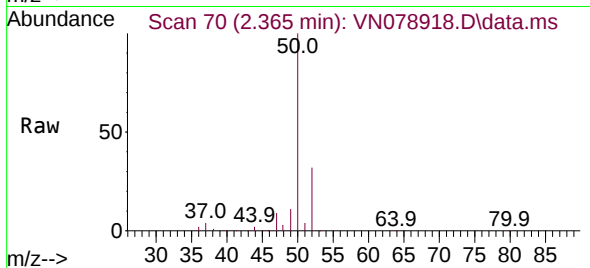
ClientSampleId :

Tgt Ion: 50 Resp: 331544

Ion Ratio Lower Upper

50 100

52 32.3 24.2 36.4



#4

Vinyl Chloride

Concen: 97.187 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN078918.D

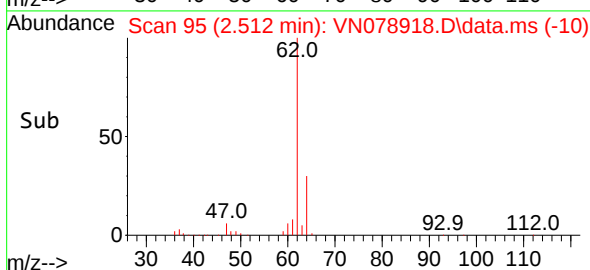
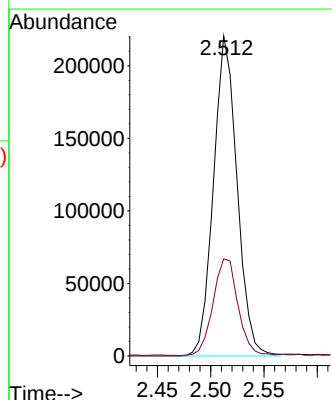
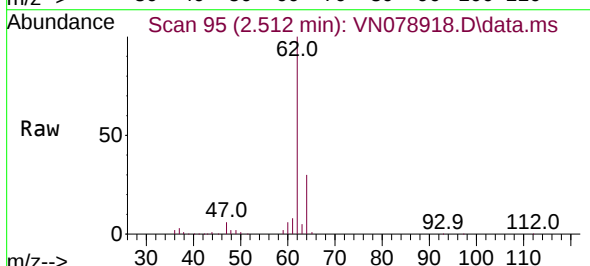
Acq: 17 Aug 2023 11:50

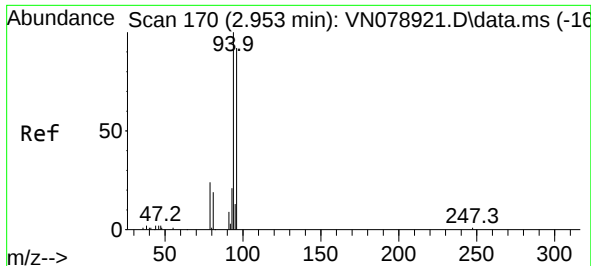
Tgt Ion: 62 Resp: 339619

Ion Ratio Lower Upper

62 100

64 30.2 23.8 35.8

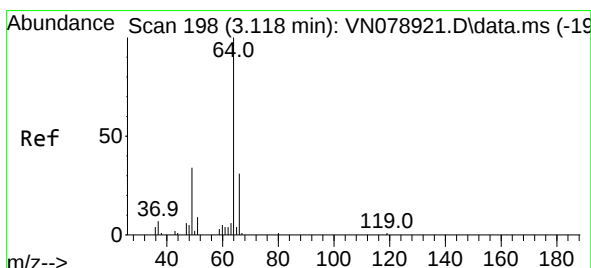
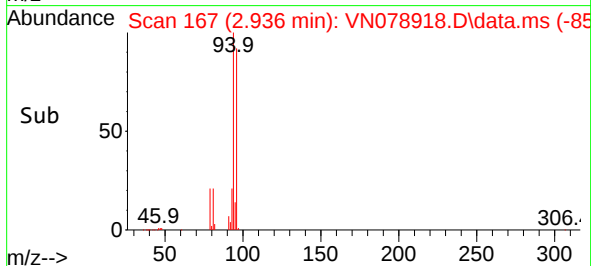
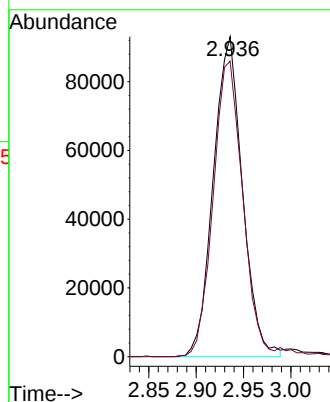
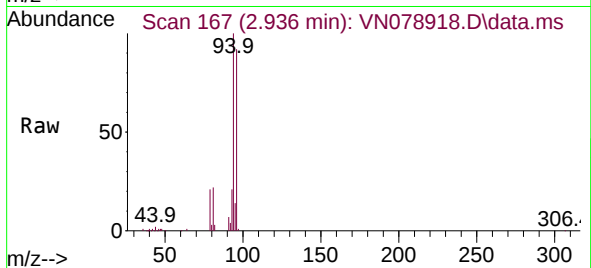




#5
Bromomethane
Concen: 92.108 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

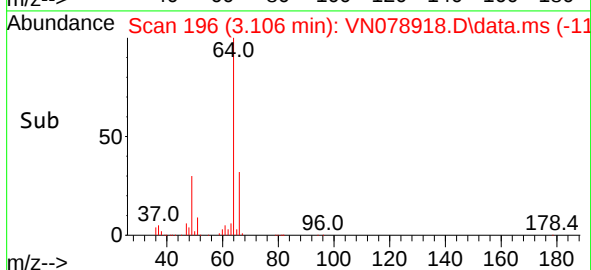
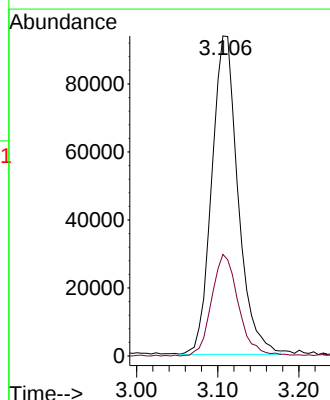
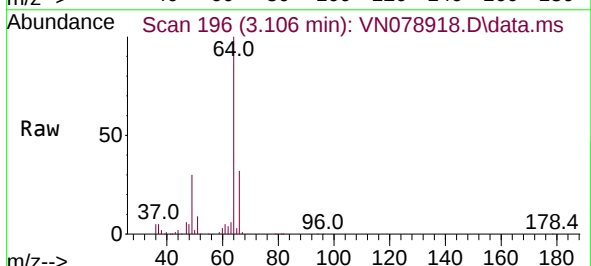
Instrument :
MSVOA_N
ClientSampleId :

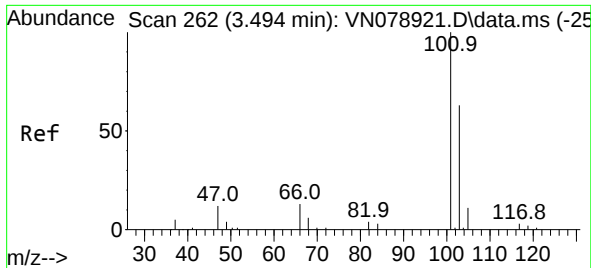
Tgt Ion: 94 Resp: 198678
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4



#6
Chloroethane
Concen: 92.888 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 64 Resp: 210935
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3

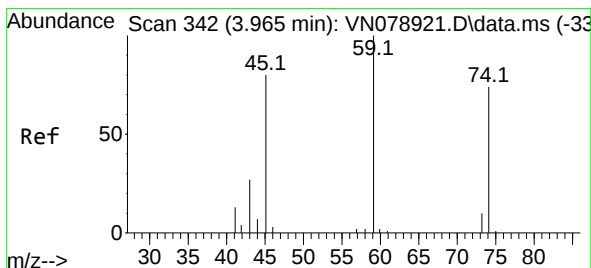
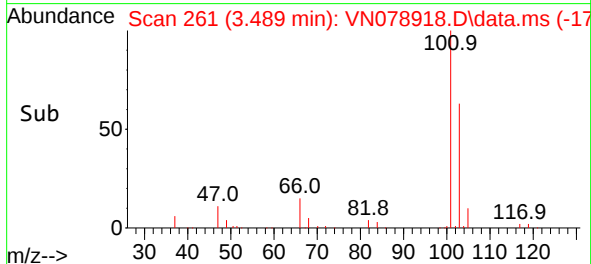
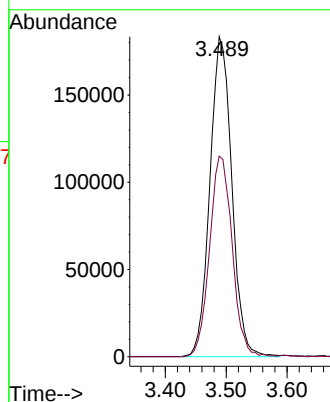
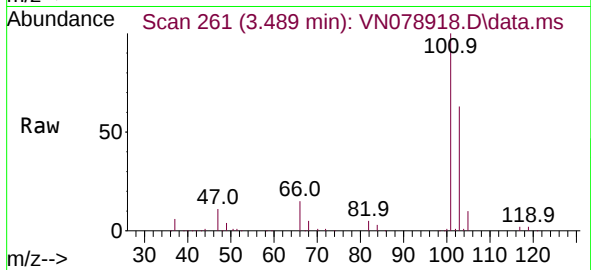




#7
 Trichlorofluoromethane
 Concen: 97.280 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

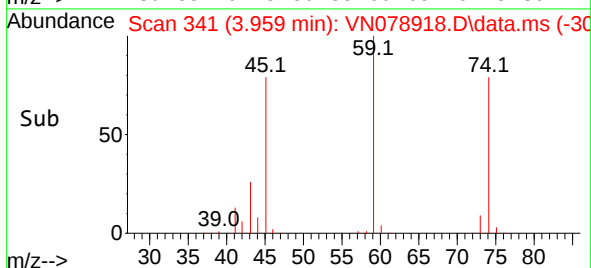
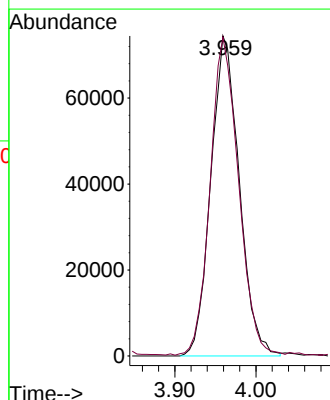
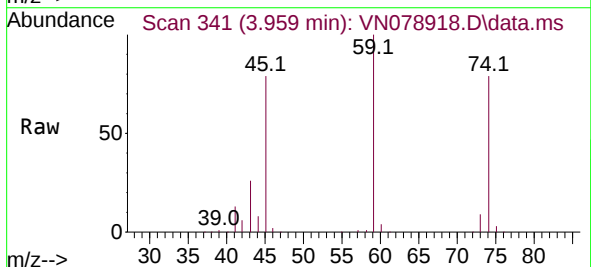
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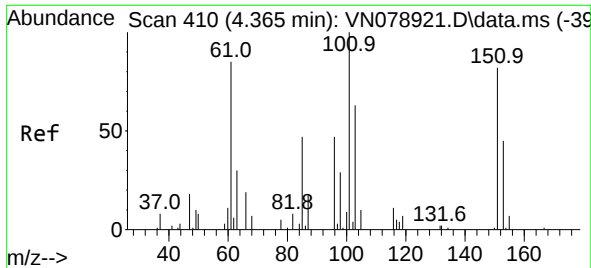
Tgt Ion:101 Resp: 457859
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.9 76.3



#8
 Diethyl Ether
 Concen: 102.248 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Tgt Ion: 74 Resp: 181000
 Ion Ratio Lower Upper
 74 100
 45 99.8 21.3 191.9

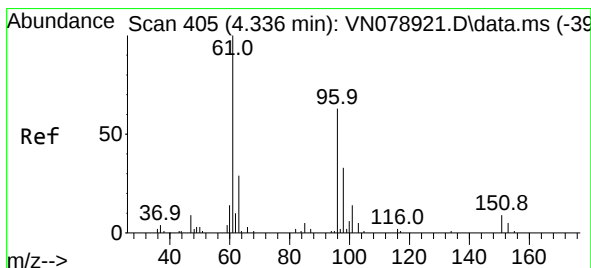
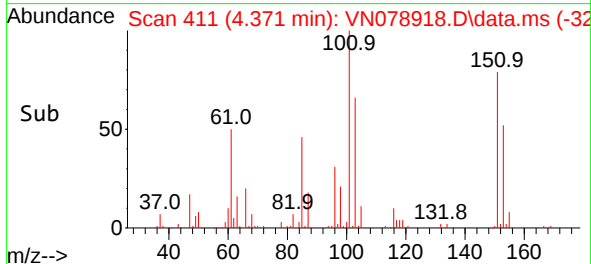
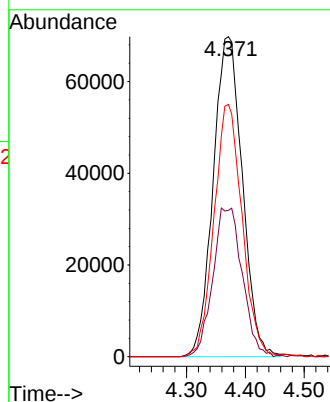
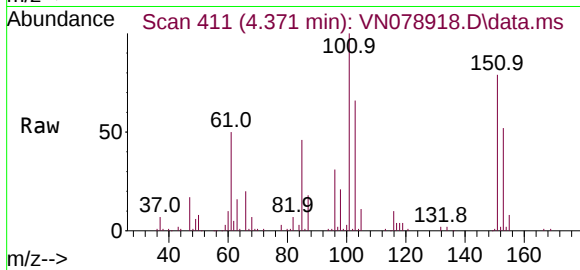




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.847 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

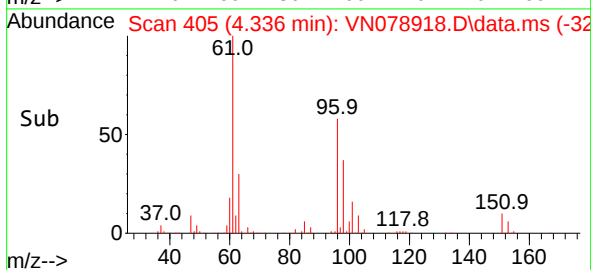
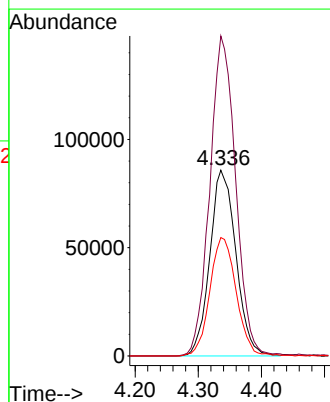
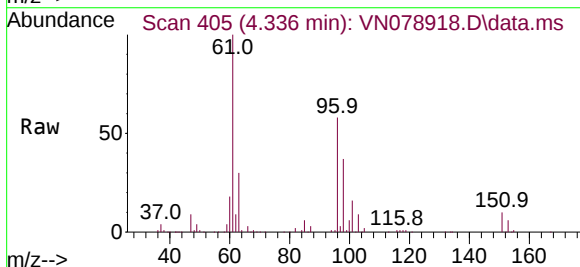
Instrument :
MSVOA_N
ClientSampleId :

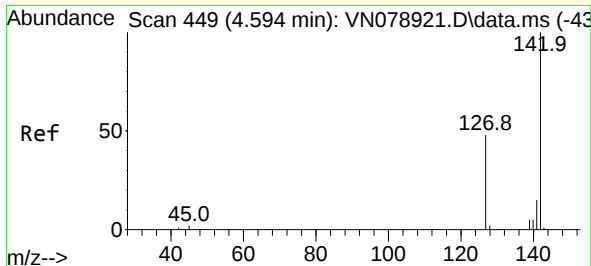
Tgt Ion:101 Resp: 240259
Ion Ratio Lower Upper
101 100
85 21.8 0.0 65.4
151 75.8 0.0 156.8



#10
1,1-Dichloroethene
Concen: 99.091 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

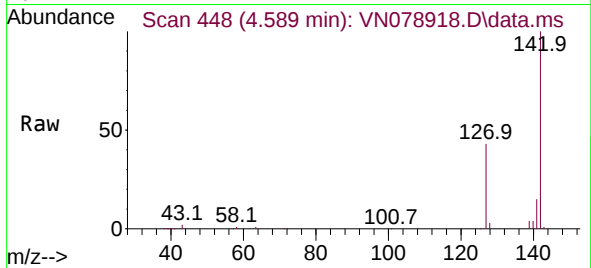
Tgt Ion: 96 Resp: 246772
Ion Ratio Lower Upper
96 100
61 172.0 126.2 189.4
98 63.7 41.7 62.5#



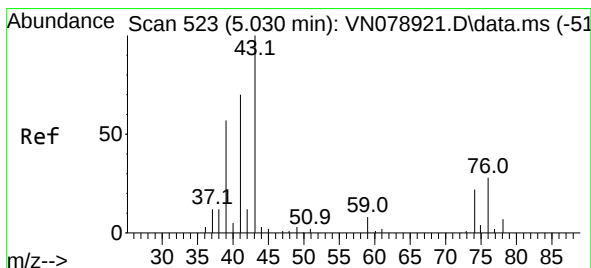
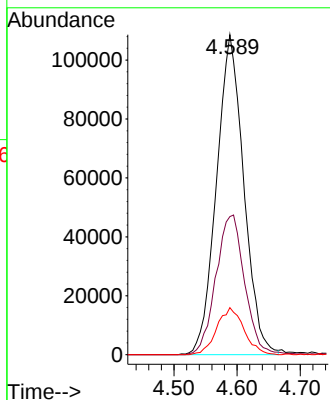
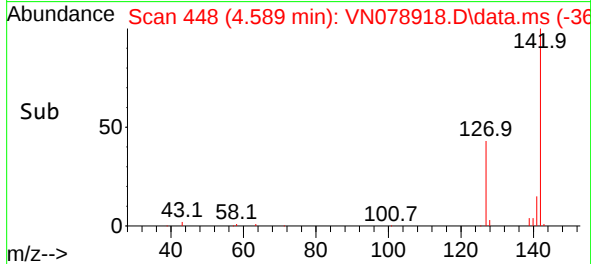


#11
Methyl Iodide
Concen: 109.187 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

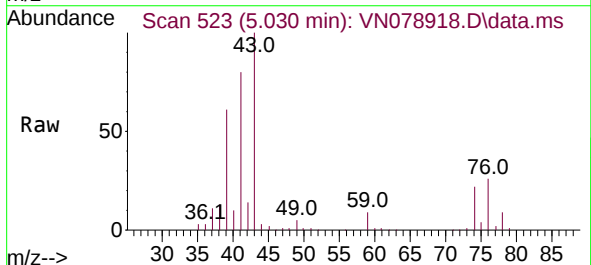
Instrument :
MSVOA_N
ClientSampleId :



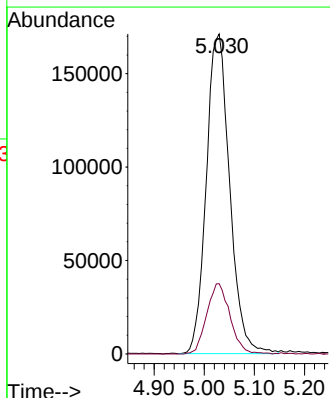
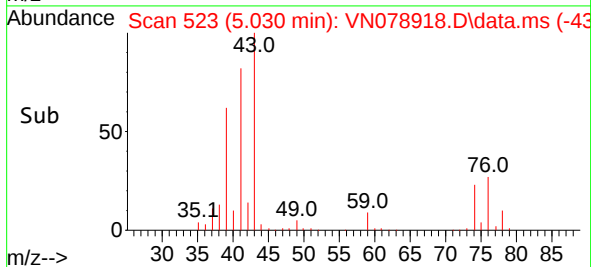
Tgt Ion:142 Resp: 325838
Ion Ratio Lower Upper
142 100
127 43.0 24.3 72.9
141 14.8 7.3 22.0

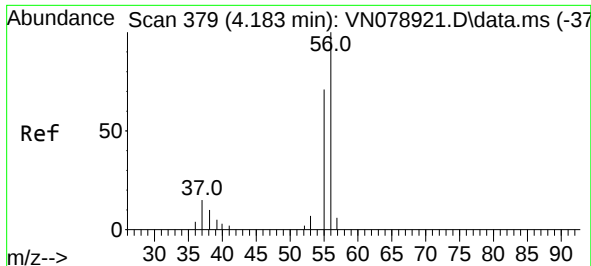


#12
Methyl Acetate
Concen: 95.758 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



Tgt Ion: 43 Resp: 555069
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

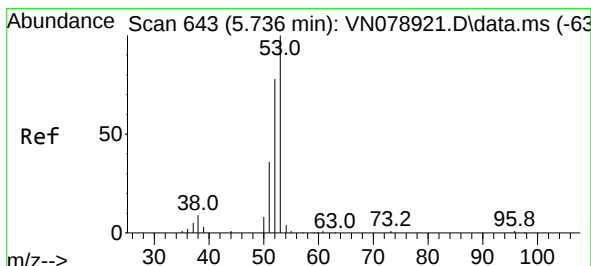
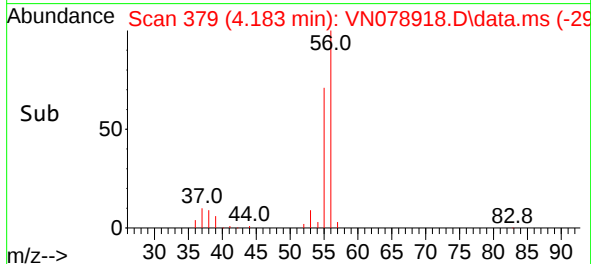
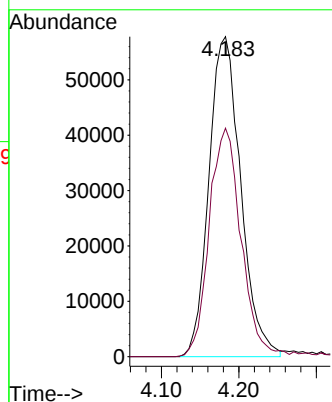
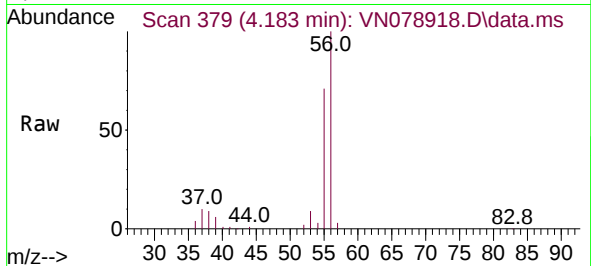




#13
Acrolein
Concen: 408.258 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

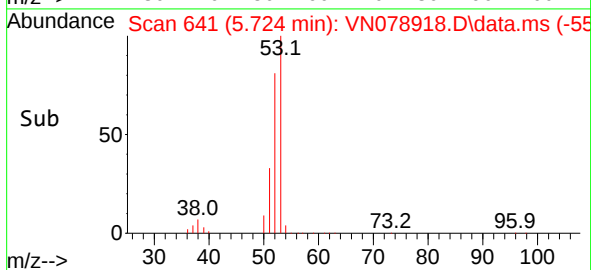
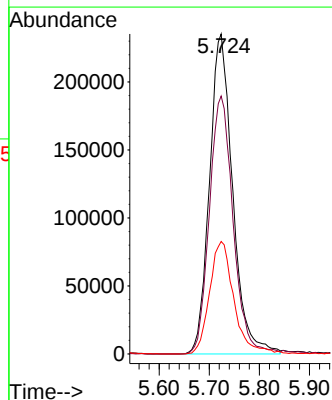
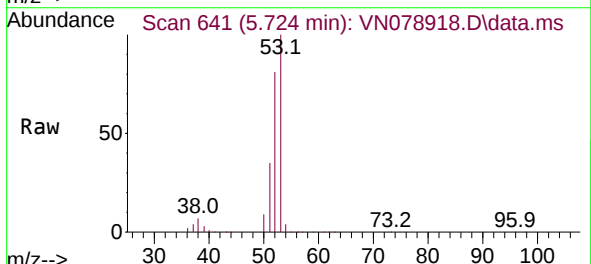
Instrument :
MSVOA_N
ClientSampleId :

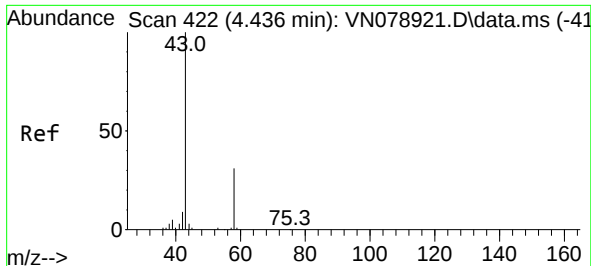
Tgt Ion: 56 Resp: 164948
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Acrylonitrile
Concen: 495.673 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 53 Resp: 755284
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 36.7 10.1 30.1#

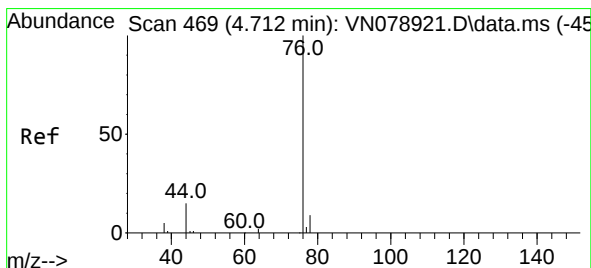
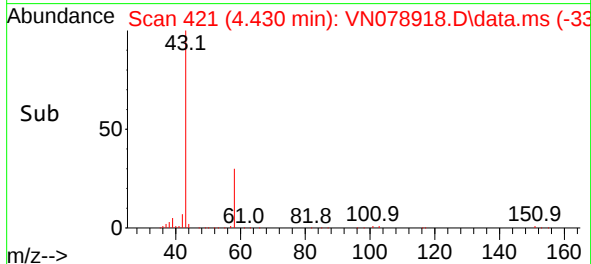
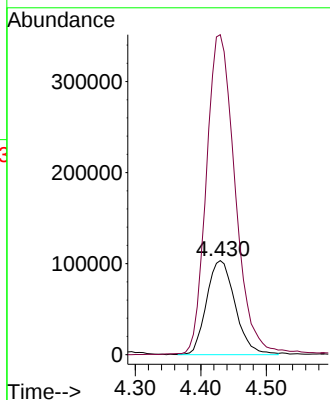
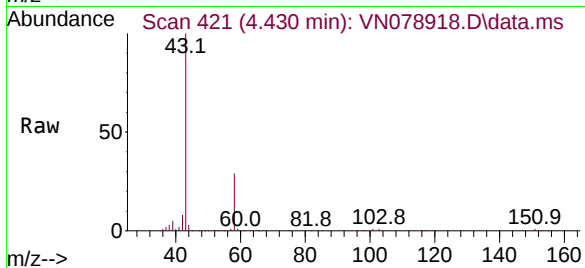




#15
Acetone
Concen: 668.873 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

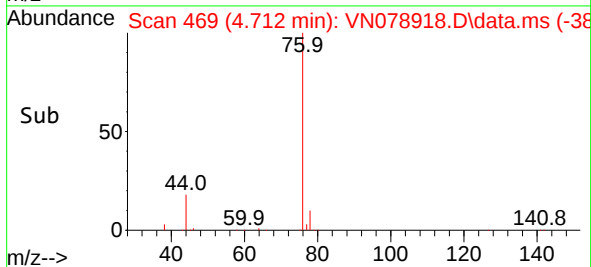
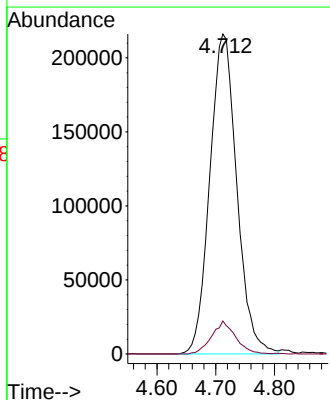
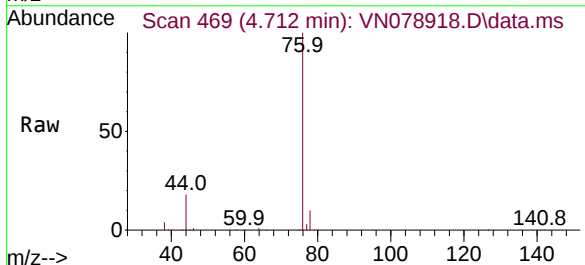
Instrument :
MSVOA_N
ClientSampleId :

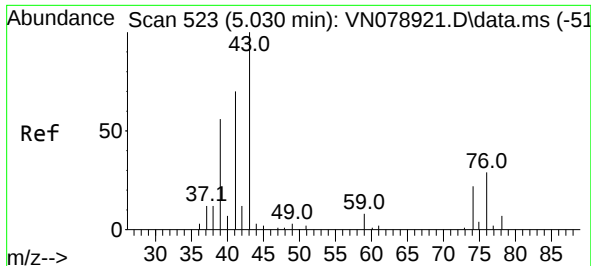
Tgt Ion: 58 Resp: 312999
Ion Ratio Lower Upper
58 100
43 339.3 260.6 390.8



#16
Carbon Disulfide
Concen: 97.076 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 76 Resp: 689783
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6





#17

Allyl chloride

Concen: 101.593 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

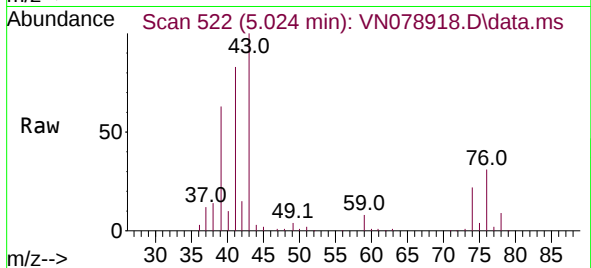
Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :



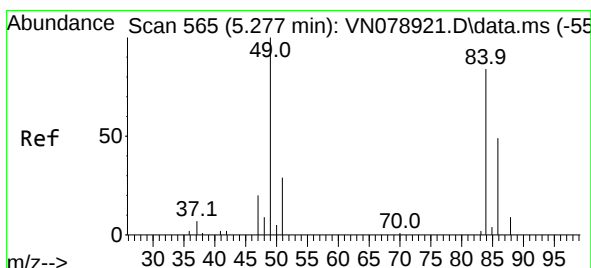
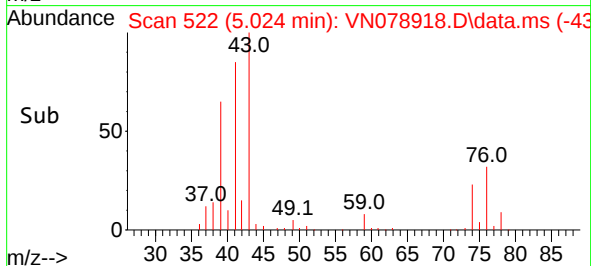
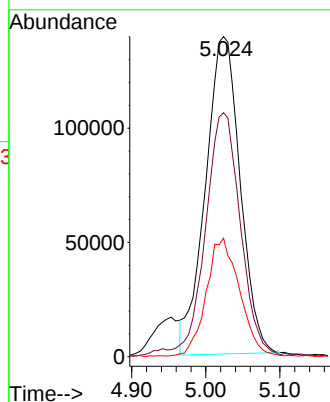
Tgt Ion: 41 Resp: 451319

Ion Ratio Lower Upper

41 100

39 76.6 36.9 110.7

76 37.2 17.3 51.9



#18

Methylene Chloride

Concen: 97.103 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Tgt Ion: 84 Resp: 287074

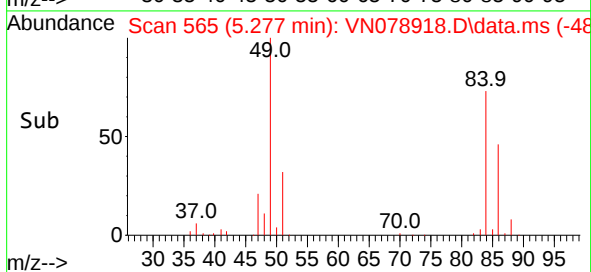
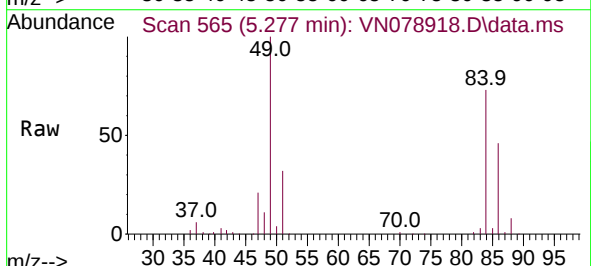
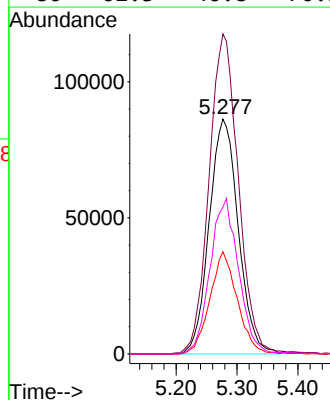
Ion Ratio Lower Upper

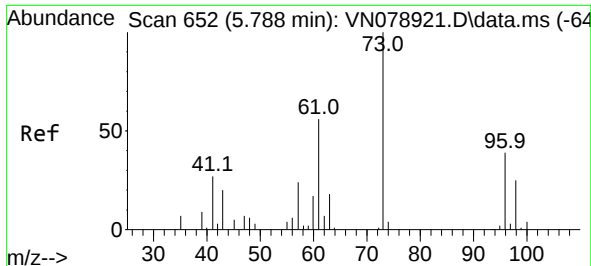
84 100

49 135.7 95.8 143.6

51 43.5 28.6 43.0#

86 62.3 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 98.038 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

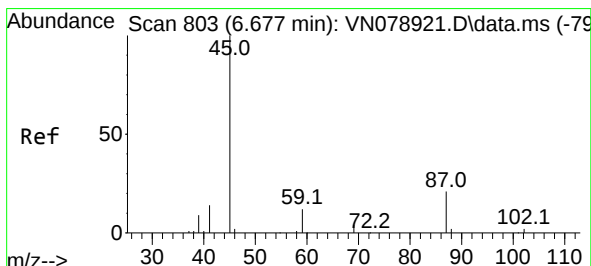
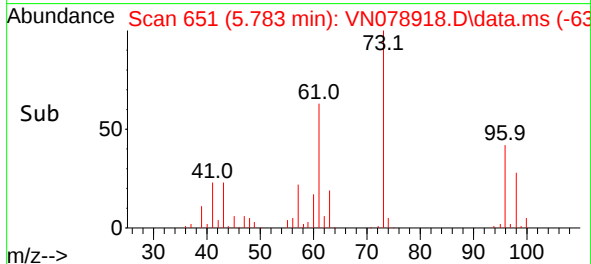
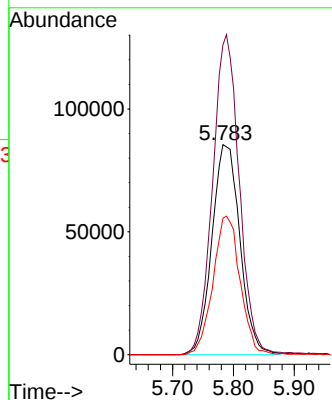
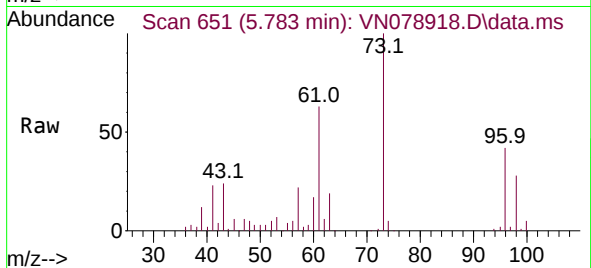
Tgt Ion: 96 Resp: 272867

Ion Ratio Lower Upper

96 100

61 147.5 114.0 171.0

98 64.9 50.6 76.0



#20

Diisopropyl ether

Concen: 105.951 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Tgt Ion: 45 Resp: 1044661

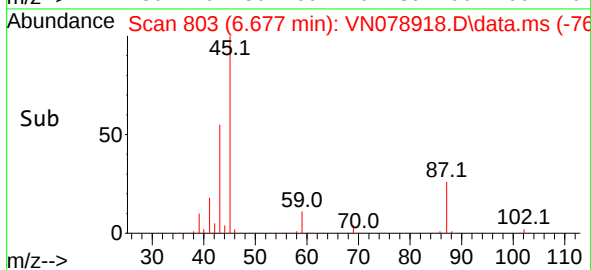
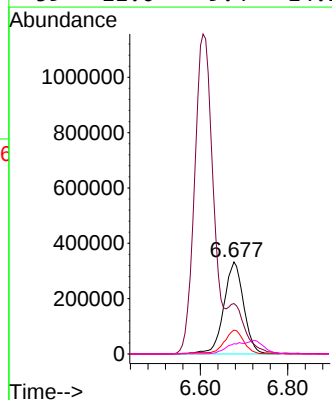
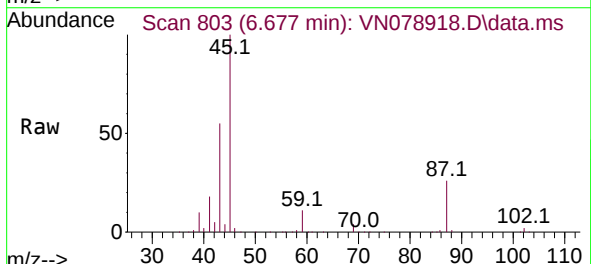
Ion Ratio Lower Upper

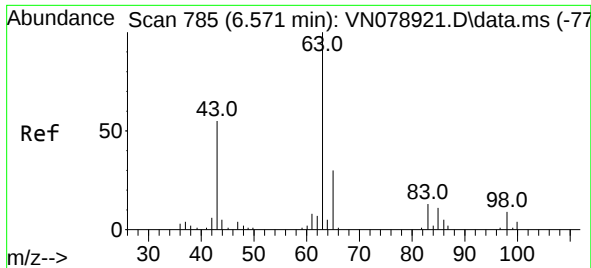
45 100

43 54.0 37.4 56.2

87 25.7 17.3 25.9

59 11.0 9.4 14.2

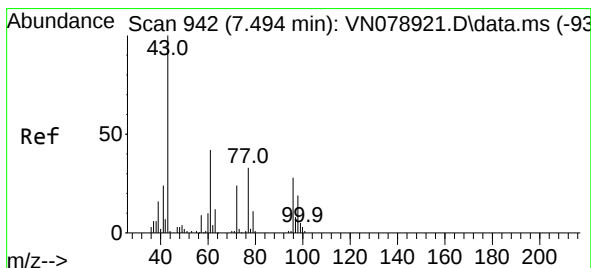
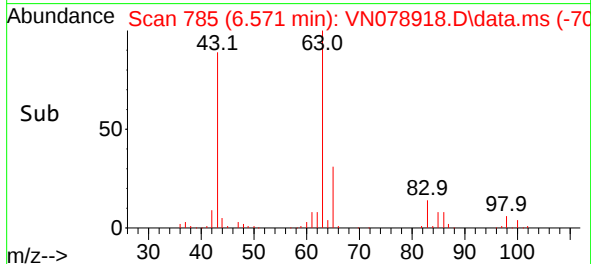
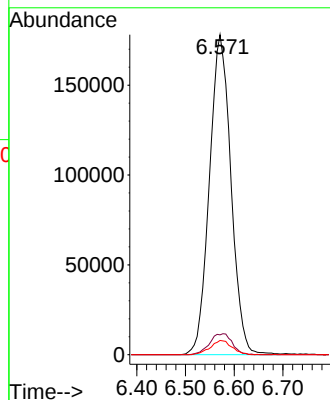
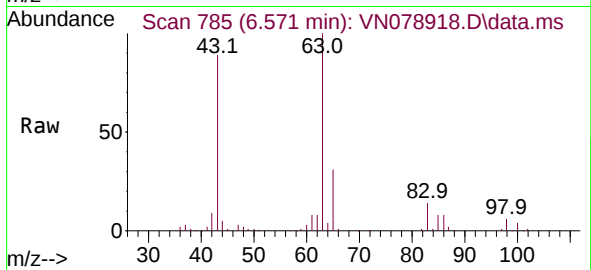




#21
1,1-Dichloroethane
Concen: 100.071 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

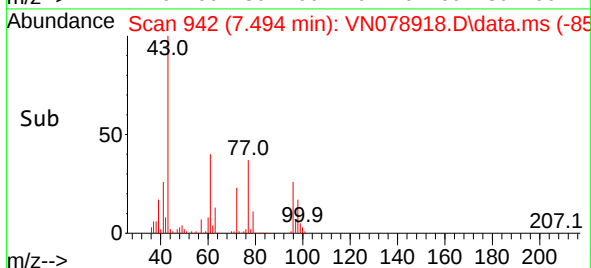
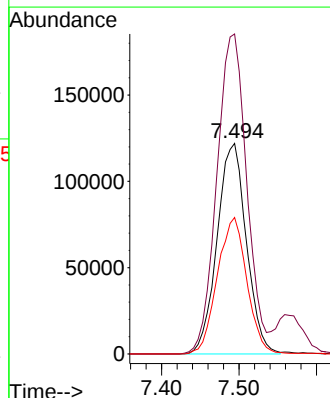
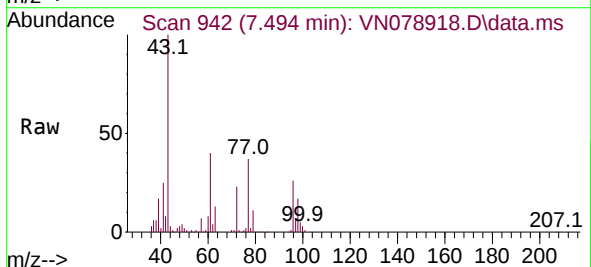
Instrument :
MSVOA_N
ClientSampleId :

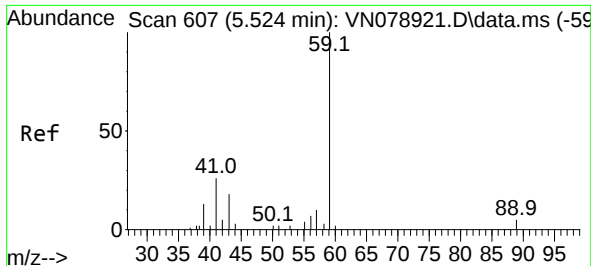
Tgt Ion: 63 Resp: 547506
Ion Ratio Lower Upper
63 100
98 6.2 4.4 13.2
100 4.5 2.1 6.5



#22
cis-1,2-Dichloroethene
Concen: 100.703 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 96 Resp: 320792
Ion Ratio Lower Upper
96 100
61 154.7 121.8 182.6
98 65.3 50.7 76.1

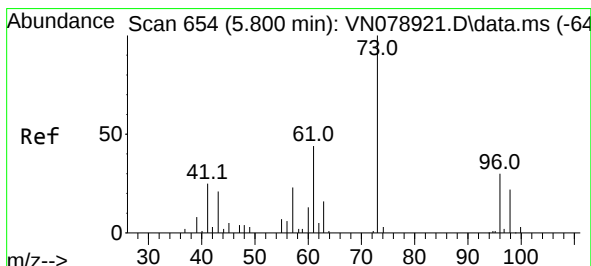
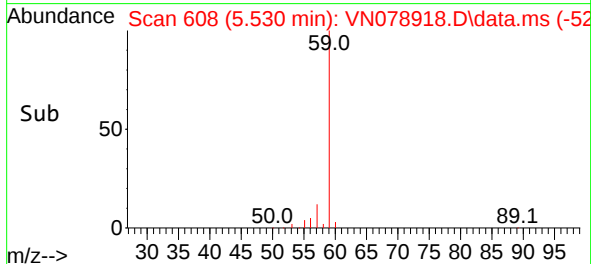
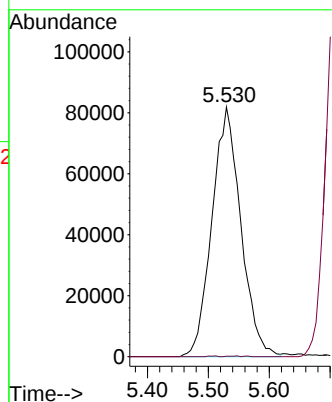
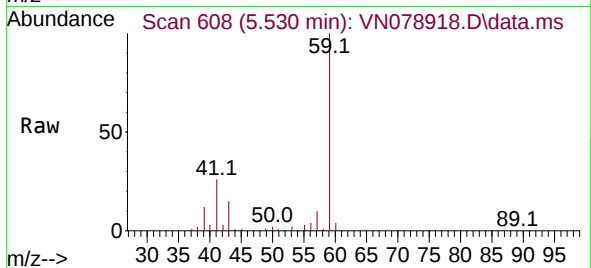




#23
tert-Butyl Alcohol
Concen: 475.115 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

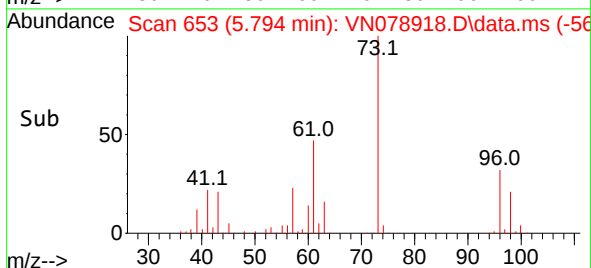
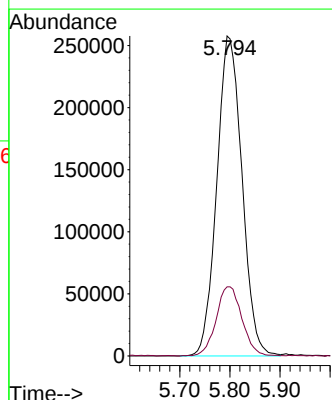
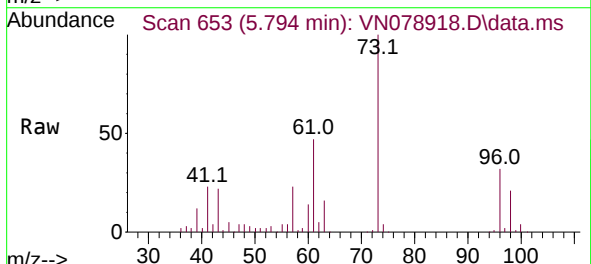
Instrument :
MSVOA_N
ClientSampleId :

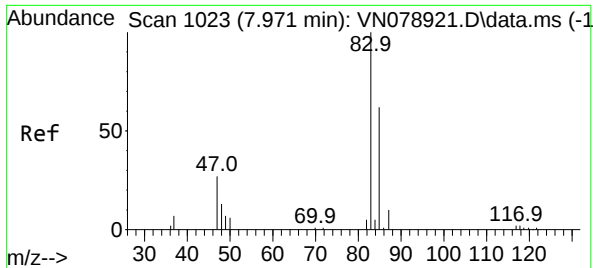
Tgt Ion: 59 Resp: 270047
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 102.312 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 73 Resp: 898577
Ion Ratio Lower Upper
73 100
43 22.0 17.3 25.9

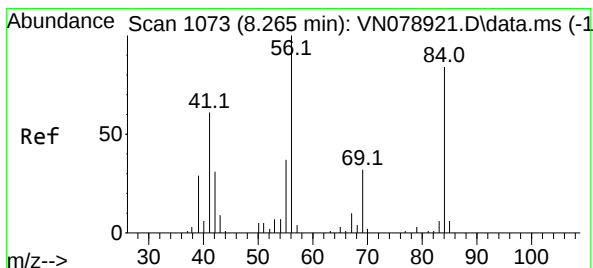
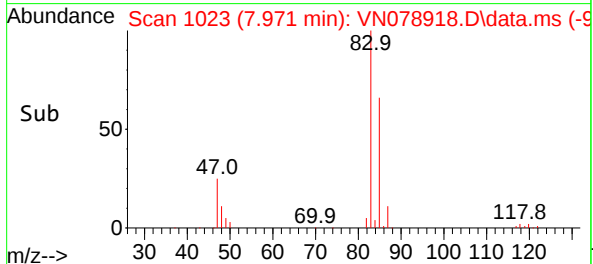
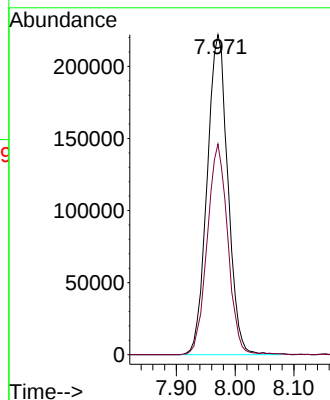
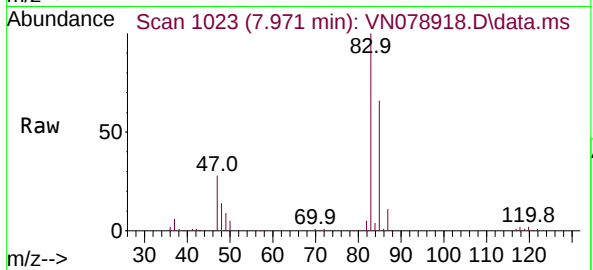




#25
Chloroform
Concen: 98.656 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

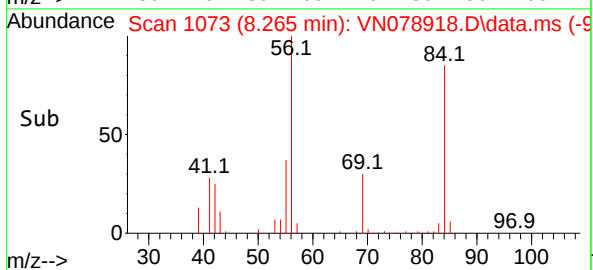
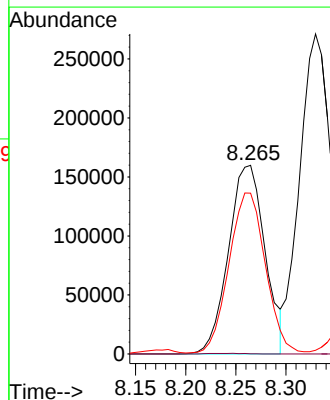
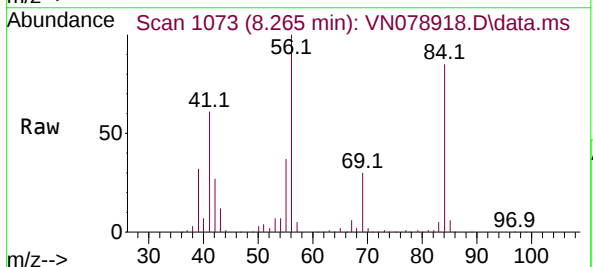
Instrument :
MSVOA_N
ClientSampleId :

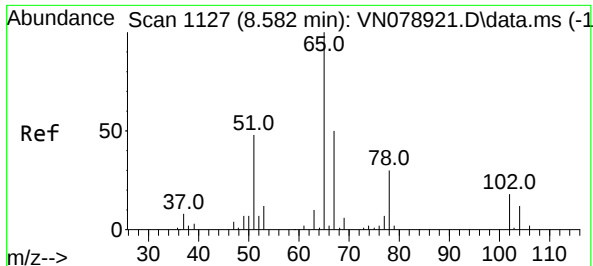
Tgt Ion: 83 Resp: 543759
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4



#26
Cyclohexane
Concen: 101.350 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 56 Resp: 405621
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 85.8 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 29.417 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

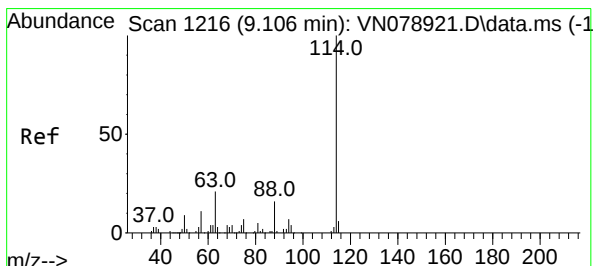
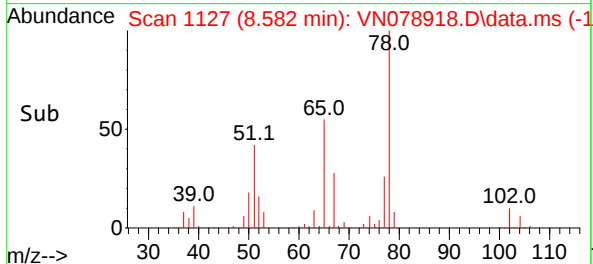
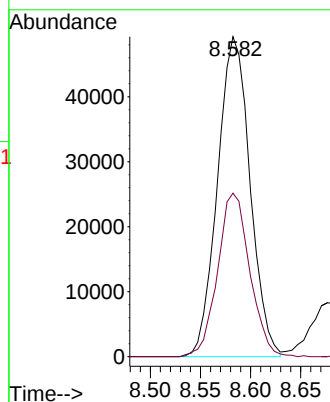
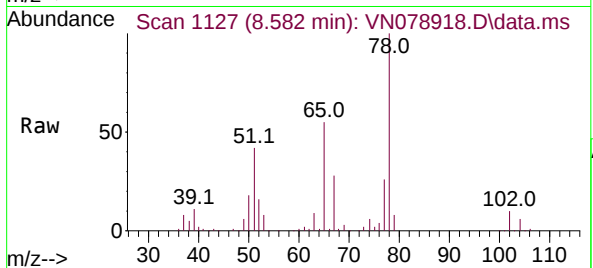
ClientSampleId :

Tgt Ion: 65 Resp: 111269

Ion Ratio Lower Upper

65 100

67 50.4 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: VN078918.D

Acq: 17 Aug 2023 11:50

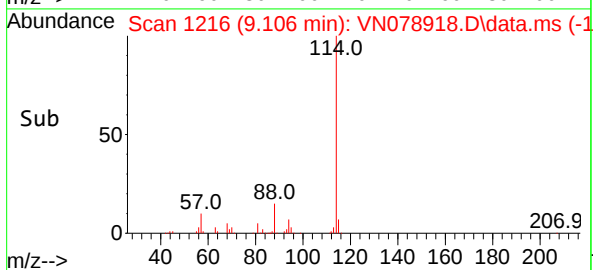
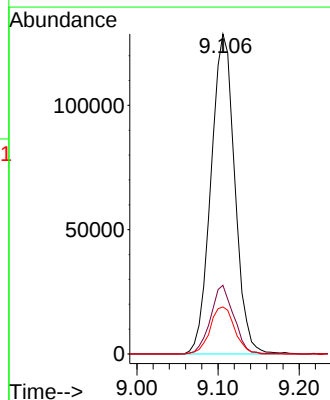
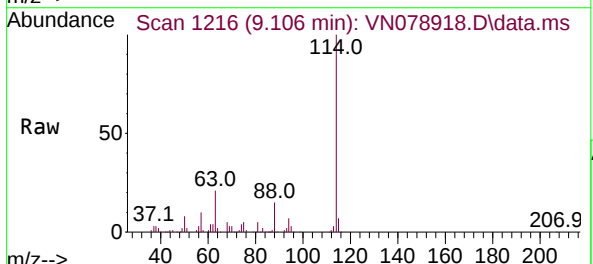
Tgt Ion: 114 Resp: 262095

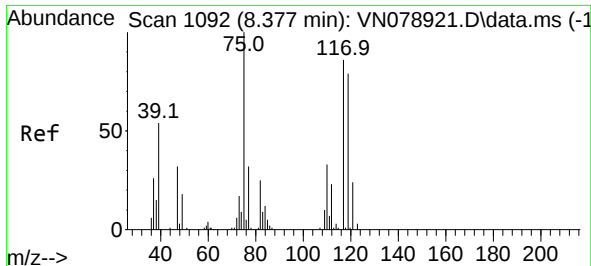
Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.2

88 15.1 12.0 18.0

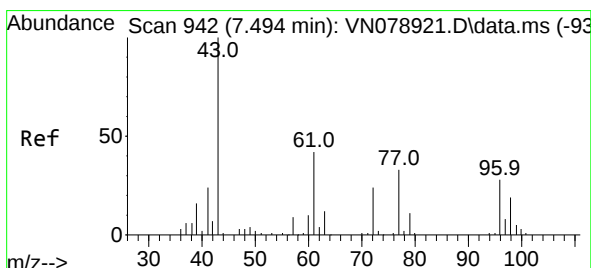
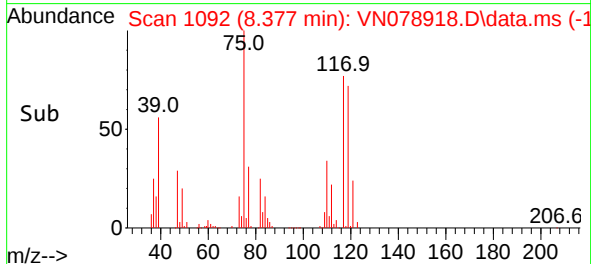
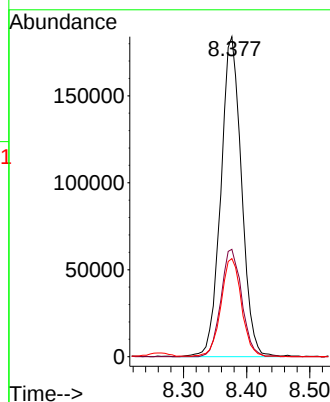
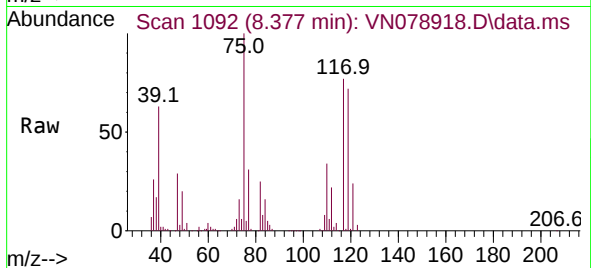




#29
1,1-Dichloropropene
Concen: 104.926 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

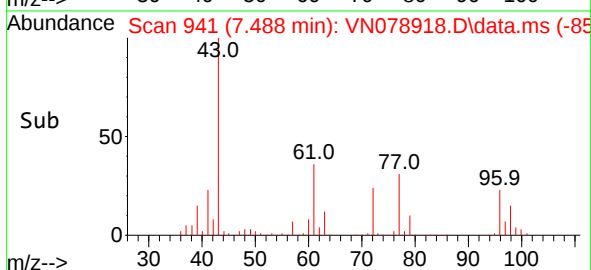
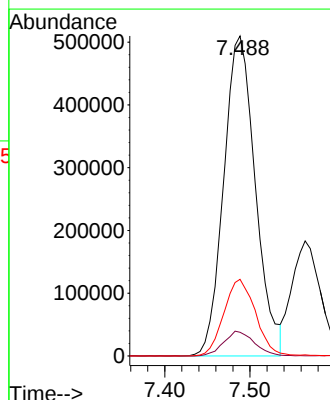
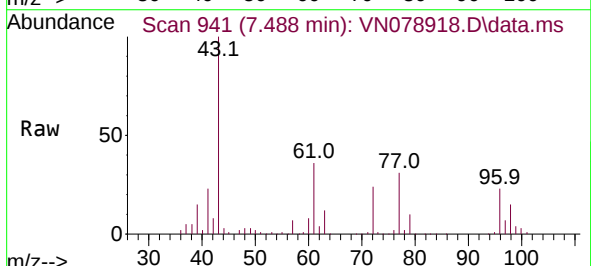
Instrument :
MSVOA_N
ClientSampleId :

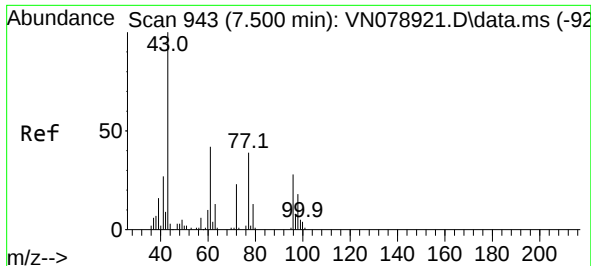
Tgt Ion: 75 Resp: 418346
Ion Ratio Lower Upper
75 100
110 33.7 0.0 65.8
77 30.5 0.0 60.4



#30
2-Butanone
Concen: 564.643 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 43 Resp: 1317908
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 23.9 19.4 29.2

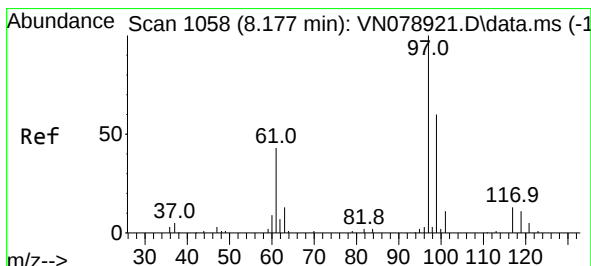
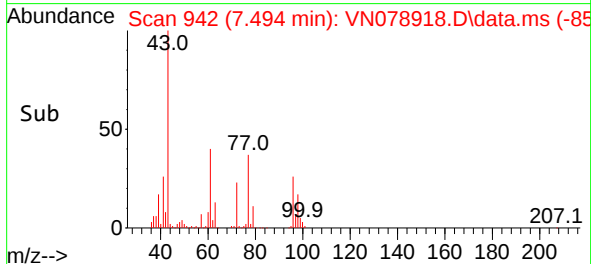
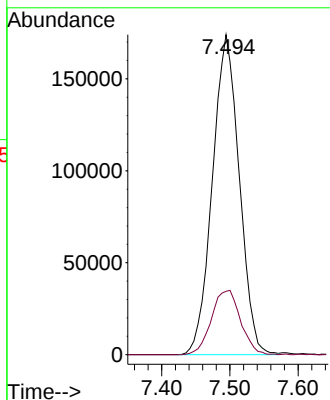
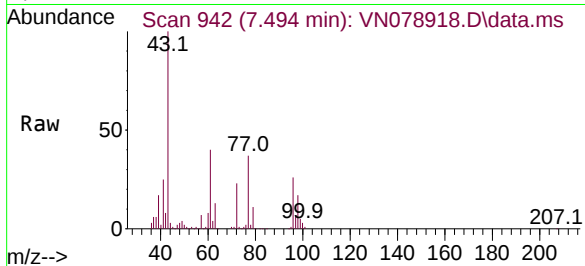




#31
2,2-Dichloropropane
Concen: 108.422 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

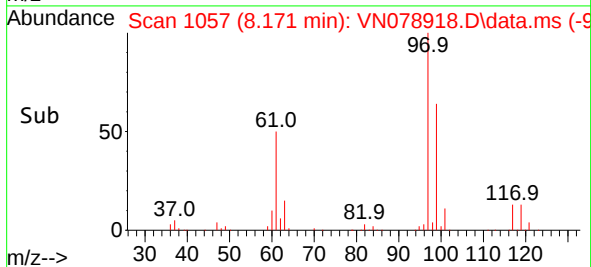
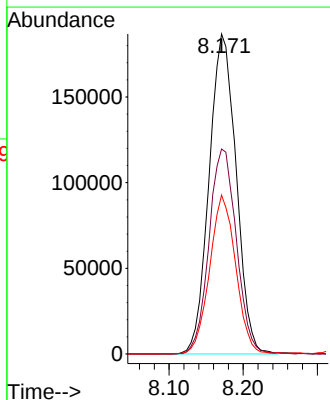
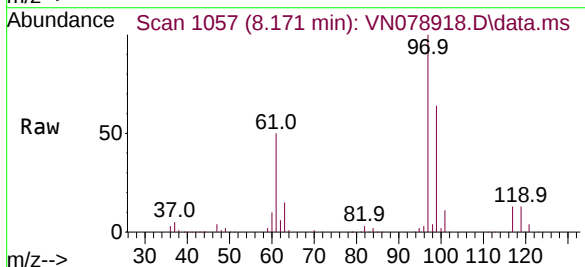
Instrument :
MSVOA_N
ClientSampleId :

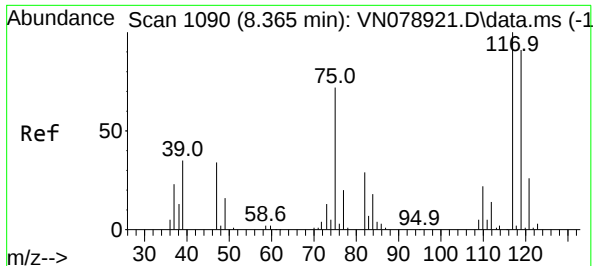
Tgt Ion: 77 Resp: 477752
Ion Ratio Lower Upper
77 100
97 21.8 17.6 26.4



#32
1,1,1-Trichloroethane
Concen: 99.441 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 97 Resp: 473353
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 47.9 37.0 55.6

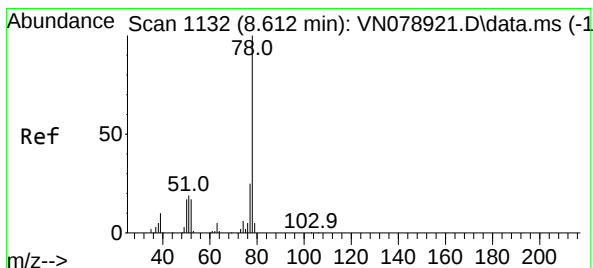
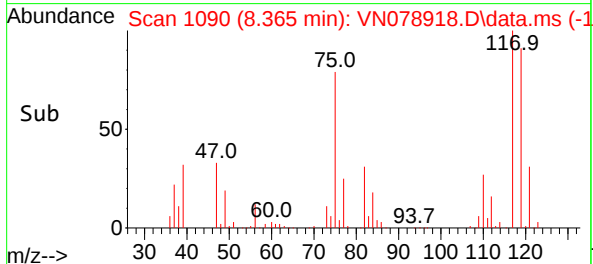
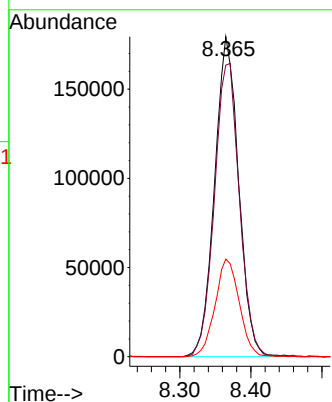
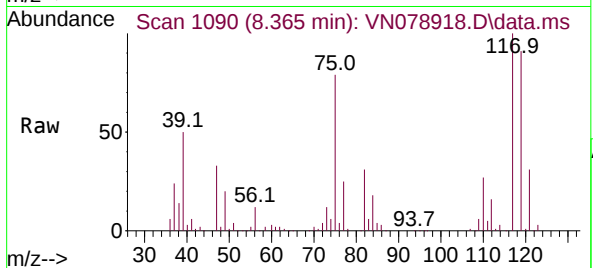




#33
Carbon Tetrachloride
Concen: 102.174 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

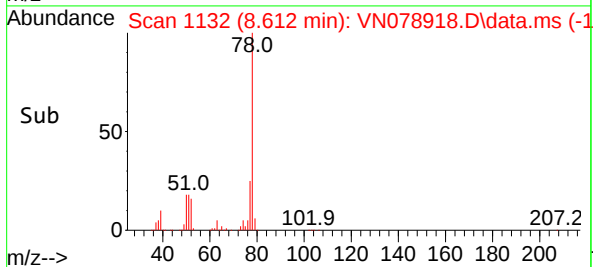
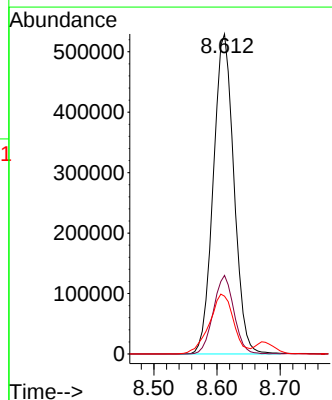
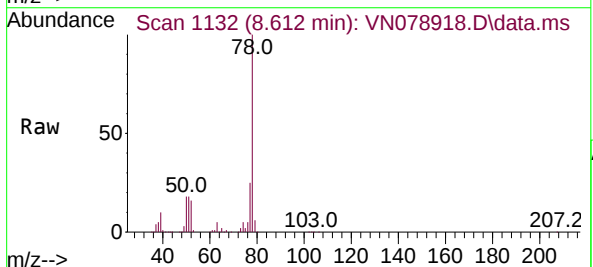
Instrument :
MSVOA_N
ClientSampleId :

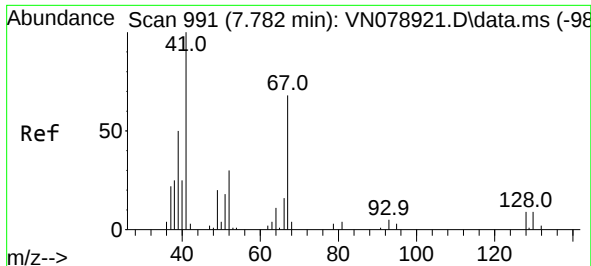
Tgt Ion:117 Resp: 421275
Ion Ratio Lower Upper
117 100
119 91.1 72.6 108.8
121 30.5 20.7 31.1



#34
Benzene
Concen: 100.430 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

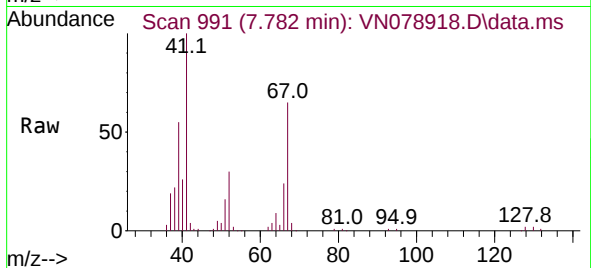
Tgt Ion: 78 Resp: 1199946
Ion Ratio Lower Upper
78 100
77 24.6 19.9 29.9
51 18.0 14.8 22.2



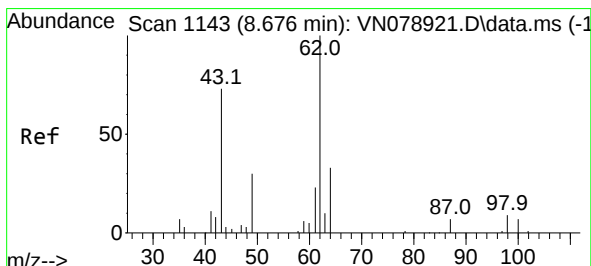
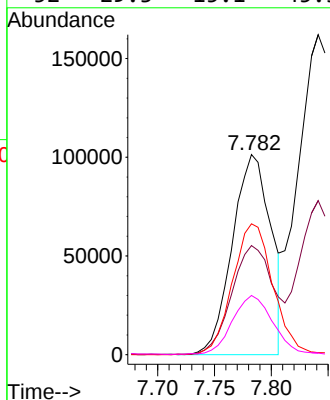
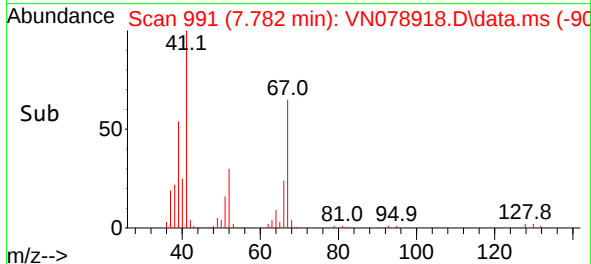


#35
Methacrylonitrile
Concen: 96.065 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

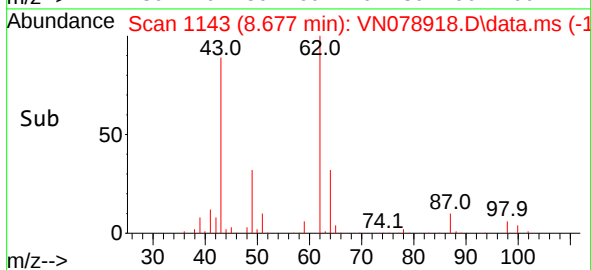
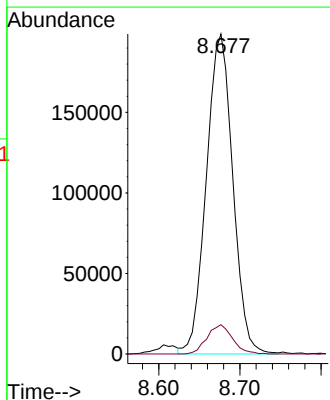
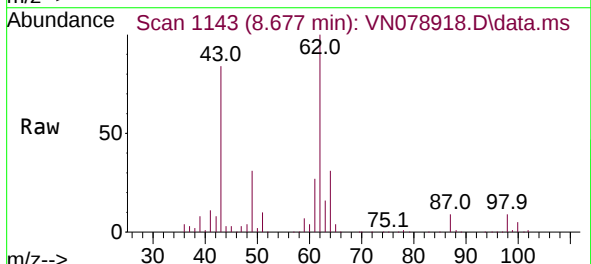


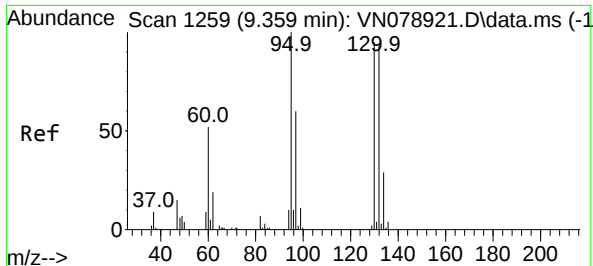
Tgt Ion:	41	Resp:	238980
Ion	Ratio	Lower	Upper
41	100		
39	54.2	25.0	75.0
67	65.2	34.0	102.0
52	29.3	15.1	45.3



#36
1,2-Dichloroethane
Concen: 100.652 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:	62	Resp:	450347
Ion	Ratio	Lower	Upper
62	100		
98	8.8	8.1	12.1





#37

Trichloroethene

Concen: 101.335 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

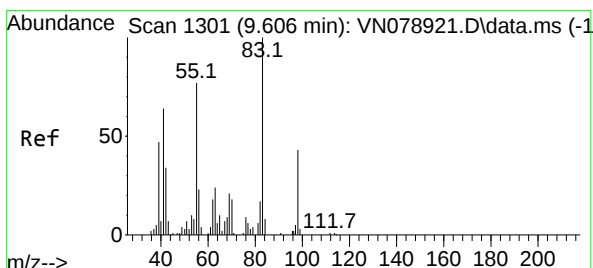
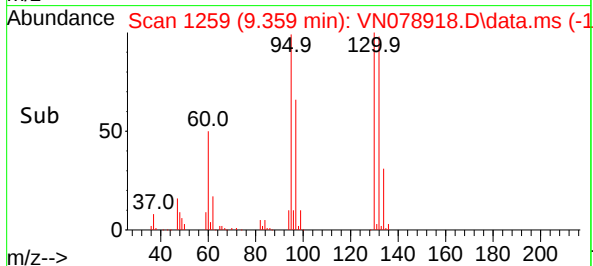
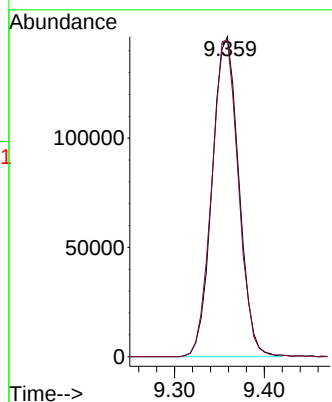
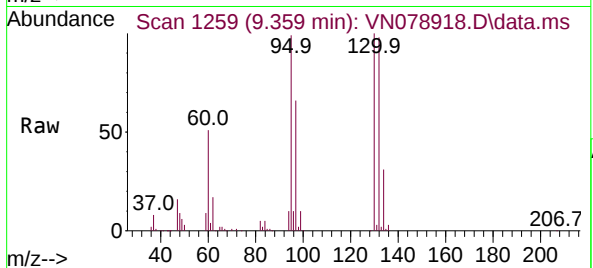
ClientSampleId :

Tgt Ion:130 Resp: 301381

Ion Ratio Lower Upper

130 100

95 99.0 84.6 127.0



#38

Methylcyclohexane

Concen: 96.925 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

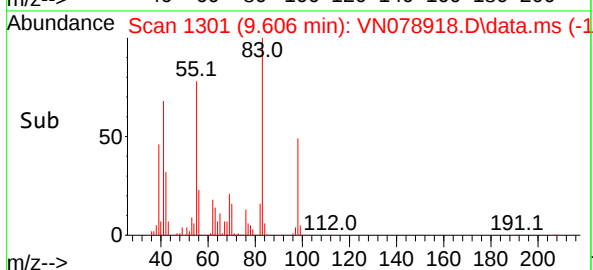
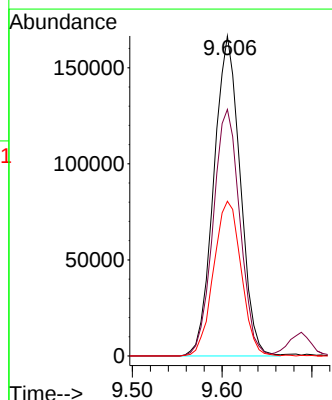
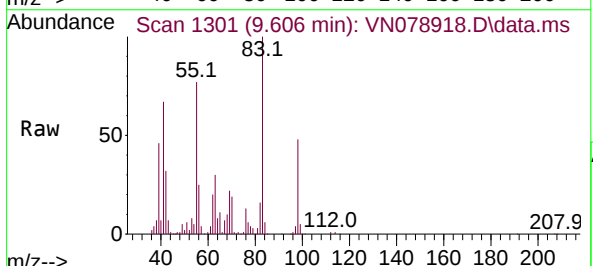
Tgt Ion: 83 Resp: 340223

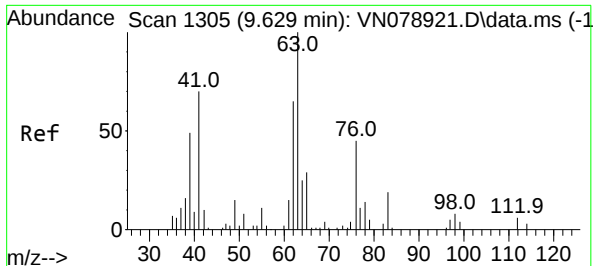
Ion Ratio Lower Upper

83 100

55 78.2 40.2 120.6

98 50.5 24.1 72.3





#39

1,2-Dichloropropane

Concen: 100.804 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

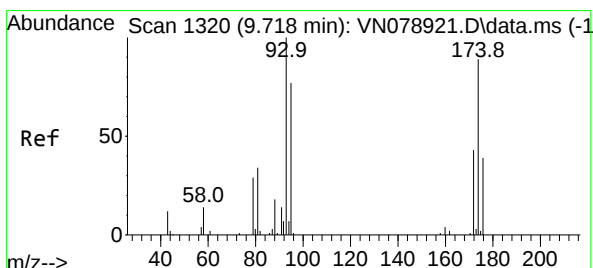
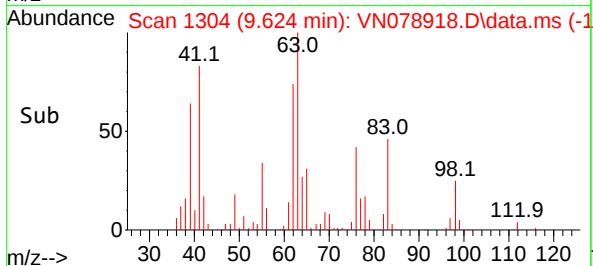
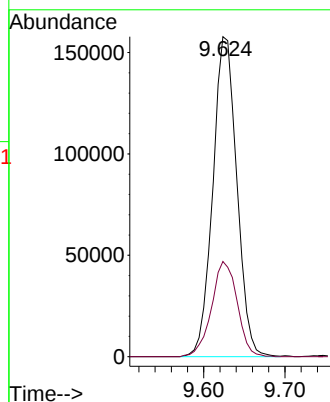
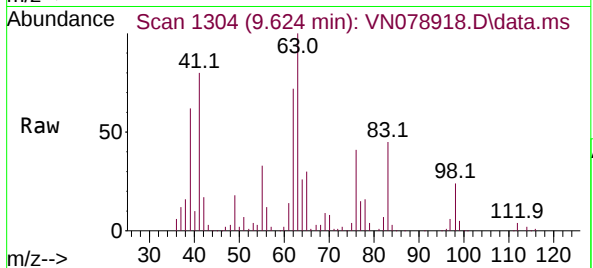
ClientSampleId :

Tgt Ion: 63 Resp: 324423

Ion Ratio Lower Upper

63 100

65 29.8 23.5 35.3



#40

Dibromomethane

Concen: 97.315 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

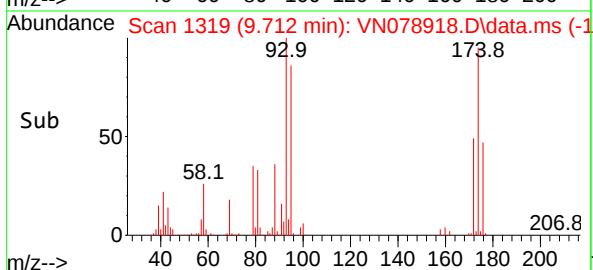
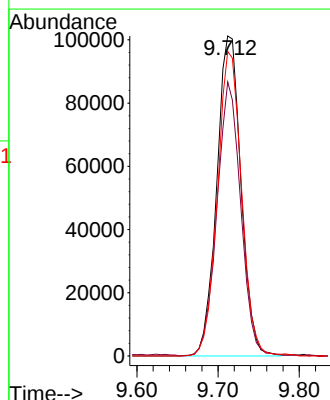
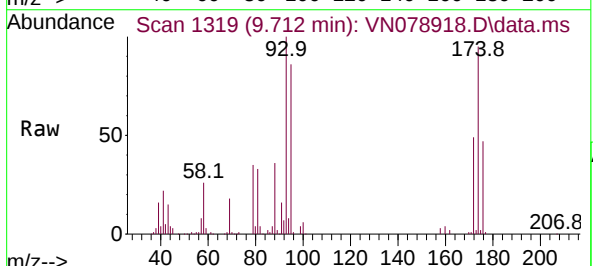
Tgt Ion: 93 Resp: 209938

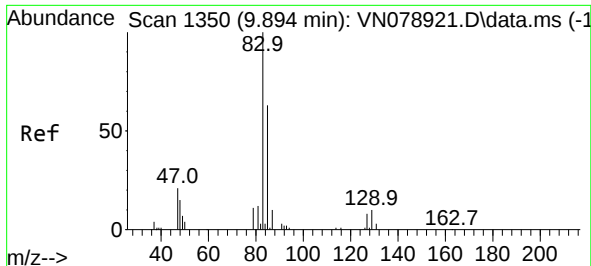
Ion Ratio Lower Upper

93 100

95 83.9 0.0 162.0

174 94.5 0.0 188.6

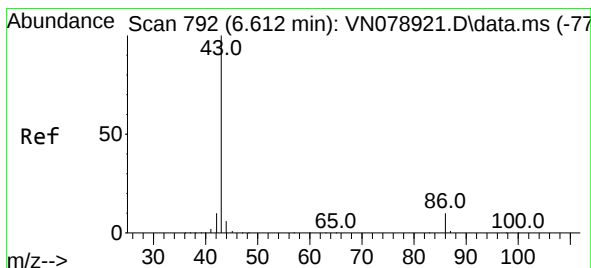
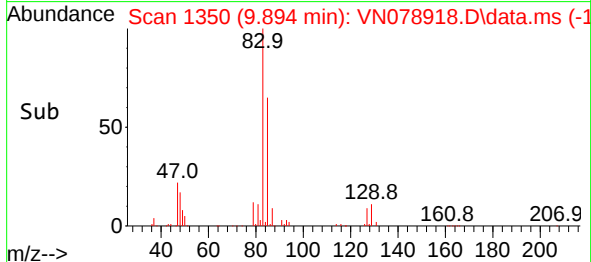
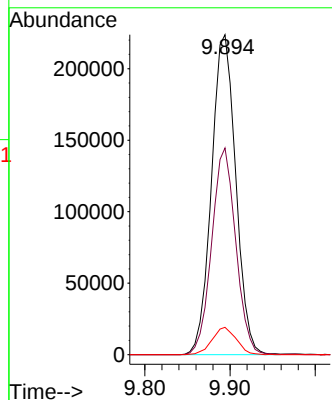
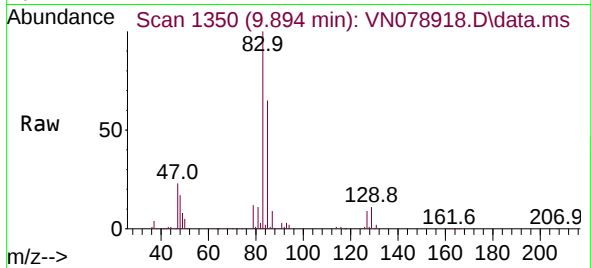




#41
Bromodichloromethane
Concen: 102.092 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

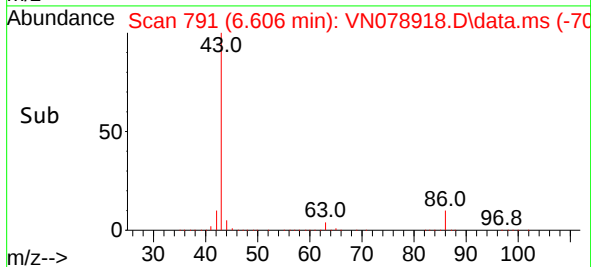
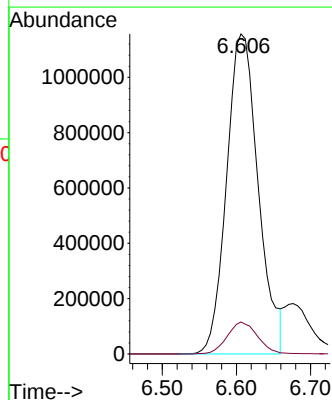
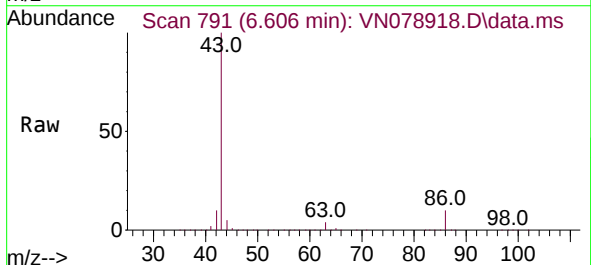
Instrument :
MSVOA_N
ClientSampleId :

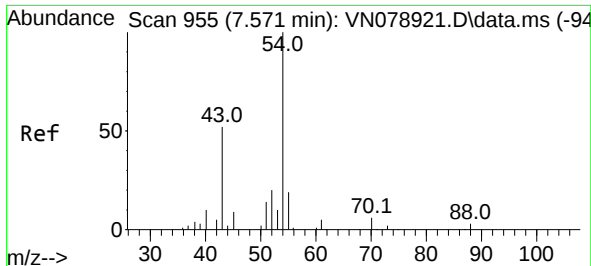
Tgt Ion: 83 Resp: 442915
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.2
127 8.5 6.2 9.4



#42
Vinyl Acetate
Concen: 522.103 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 43 Resp: 3435804
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0





#43

Ethyl Acetate

Concen: 97.818 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

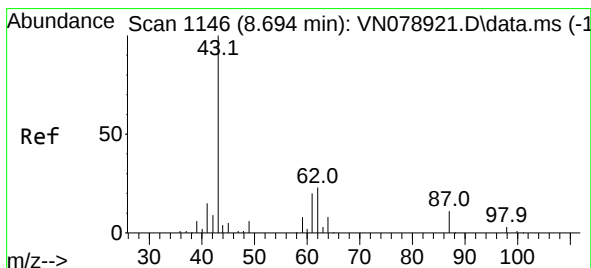
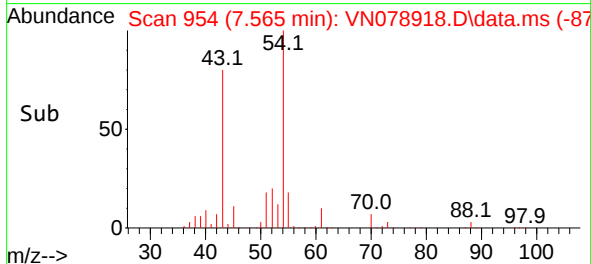
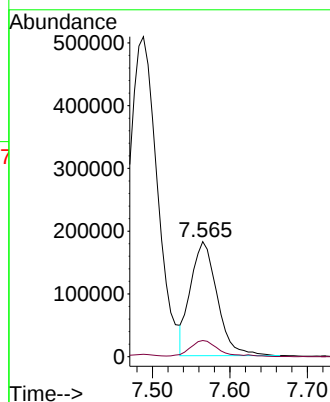
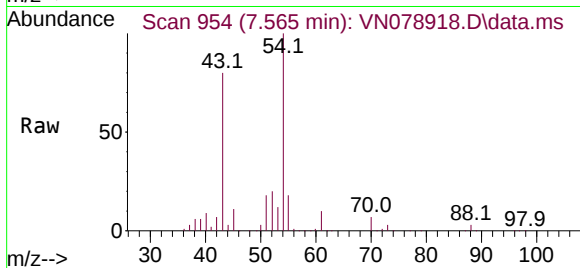
ClientSampleId :

Tgt Ion: 43 Resp: 434181

Ion Ratio Lower Upper

43 100

45 13.3 9.6 14.4



#44

Isopropyl Acetate

Concen: 98.291 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078918.D

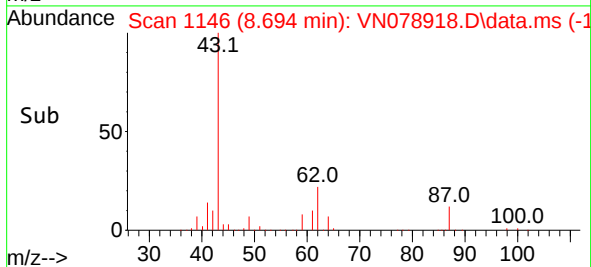
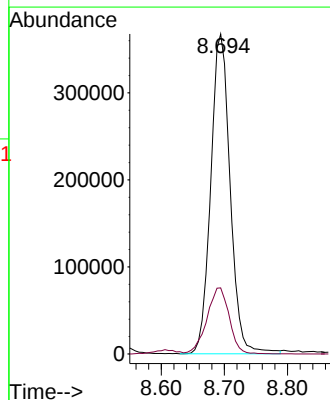
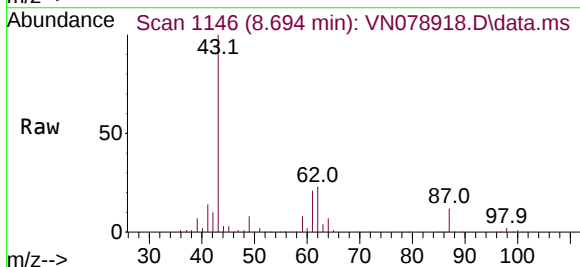
Acq: 17 Aug 2023 11:50

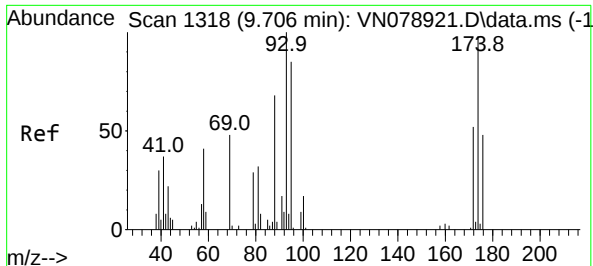
Tgt Ion: 43 Resp: 784234

Ion Ratio Lower Upper

43 100

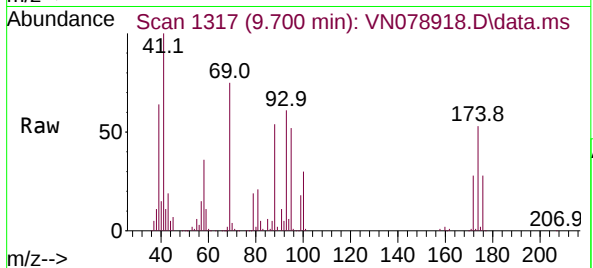
61 23.8 19.0 28.4



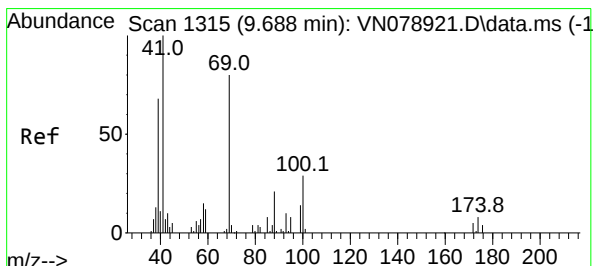
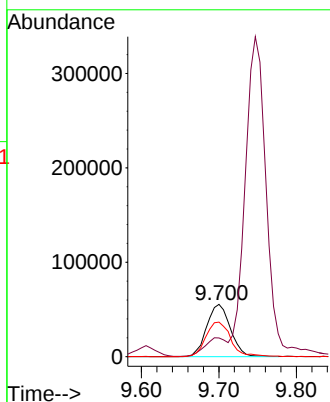
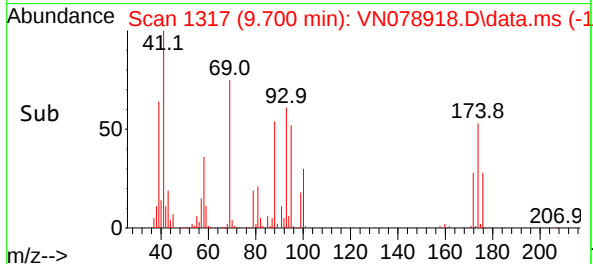


#45
1,4-Dioxane
Concen: 1960.649 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

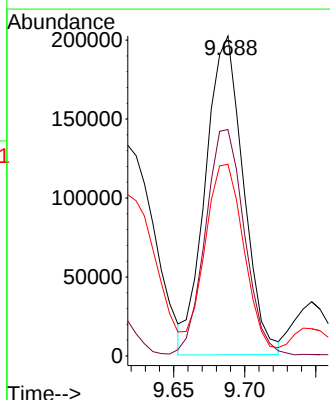
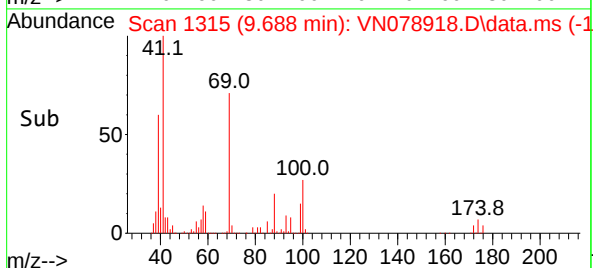
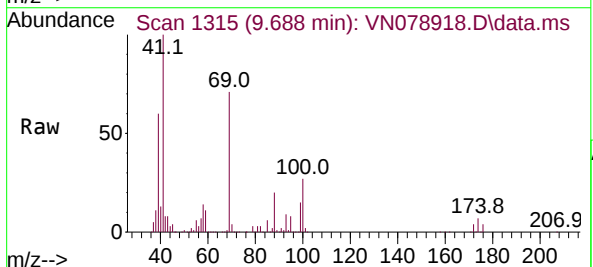


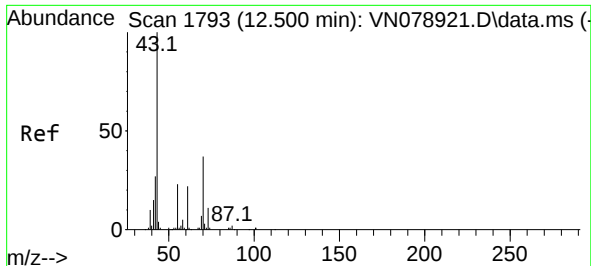
Tgt Ion: 88 Resp: 117719
Ion Ratio Lower Upper
88 100
43 33.0 28.1 42.1
58 69.4 57.0 85.4



#46
Methyl methacrylate
Concen: 106.487 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 41 Resp: 374338
Ion Ratio Lower Upper
41 100
69 72.4 38.5 115.5
39 60.0 35.9 107.8





#47

n-amy1 Acetate

Concen: 113.086 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

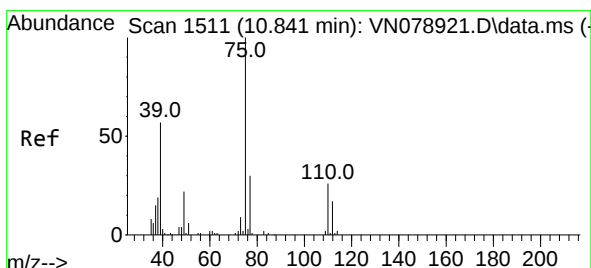
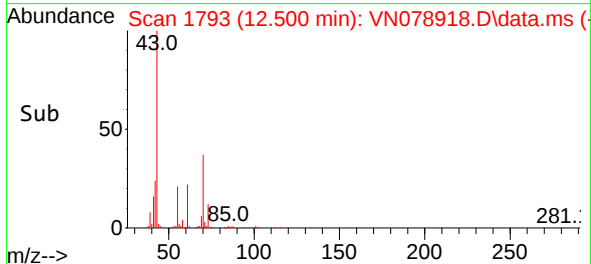
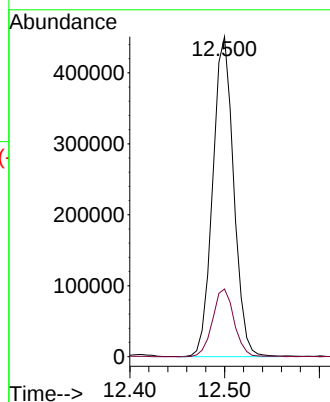
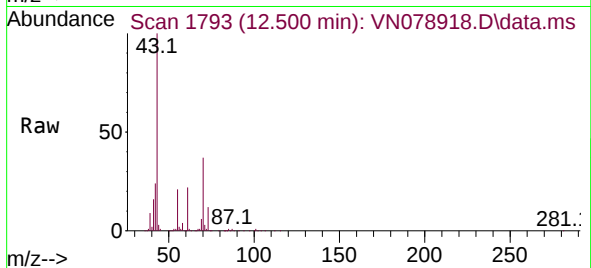
ClientSampleId :

Tgt Ion: 43 Resp: 692388

Ion Ratio Lower Upper

43 100

55 21.8 17.5 26.3



#48

t-1,3-Dichloropropene

Concen: 109.042 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078918.D

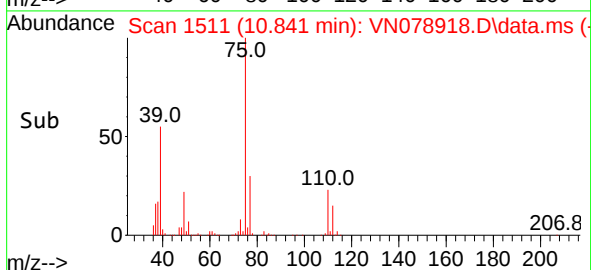
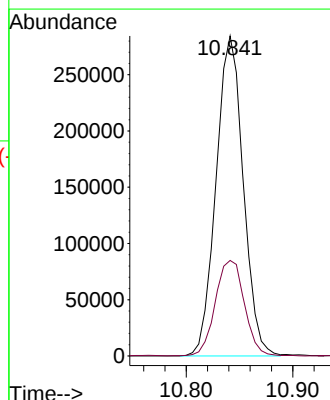
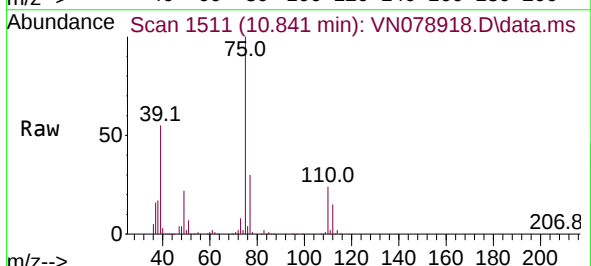
Acq: 17 Aug 2023 11:50

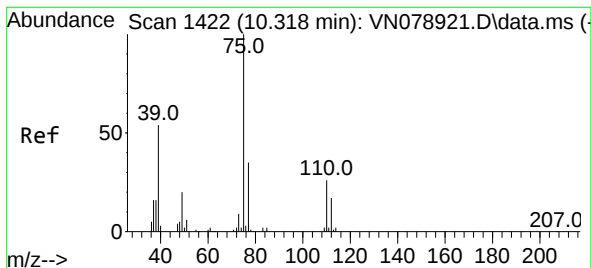
Tgt Ion: 75 Resp: 503842

Ion Ratio Lower Upper

75 100

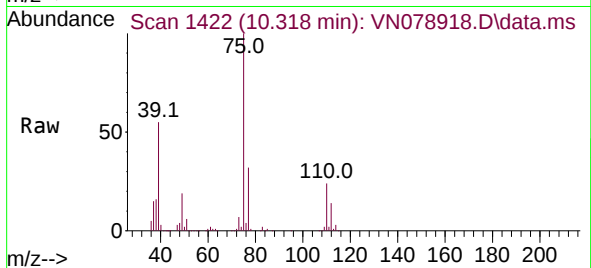
77 29.7 23.7 35.5



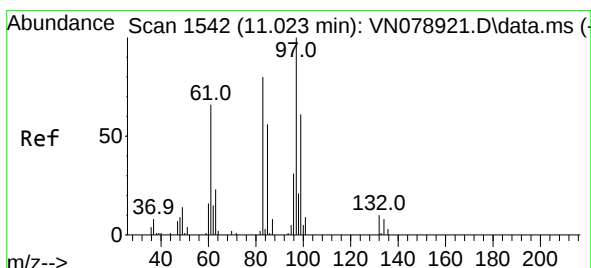
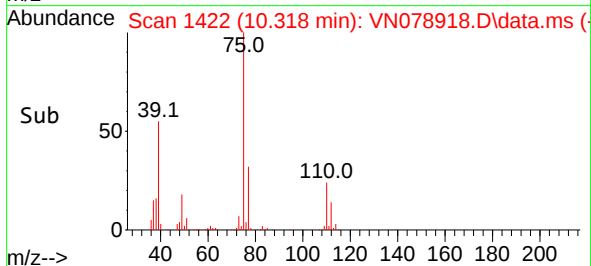
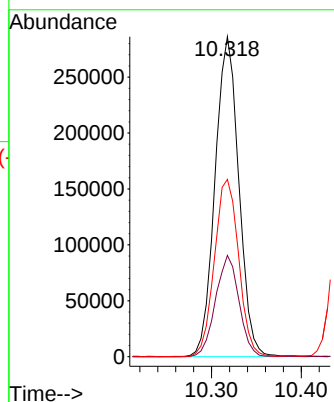


#49
 cis-1,3-Dichloropropene
 Concen: 106.193 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Instrument :
 MSVOA_N
 ClientSampleId :

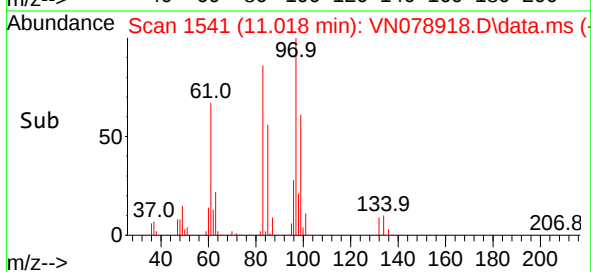
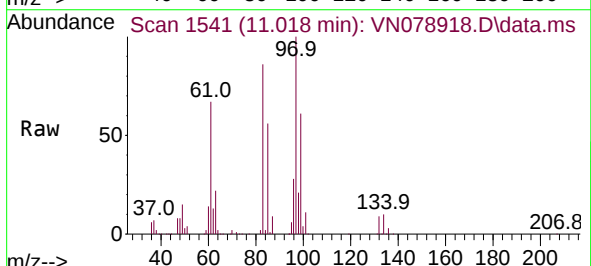
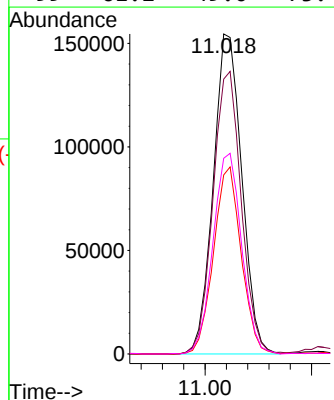


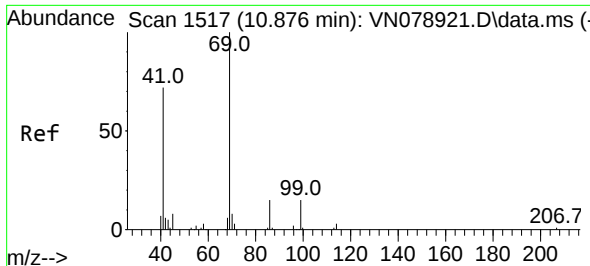
Tgt Ion:	75	Resp:	526149
Ion	Ratio	Lower	Upper
75	100		
77	31.6	27.8	41.8
39	55.3	43.5	65.3



#50
 1,1,2-Trichloroethane
 Concen: 98.588 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

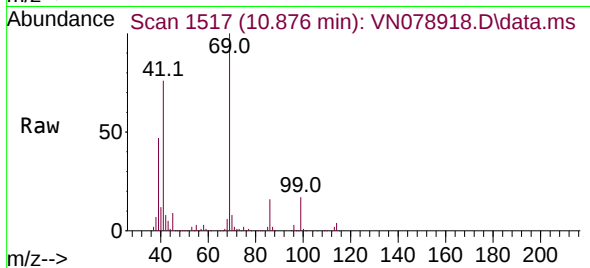
Tgt Ion:	97	Resp:	287414
Ion	Ratio	Lower	Upper
97	100		
83	85.8	63.7	95.5
85	55.9	44.9	67.3
99	61.2	49.0	73.4



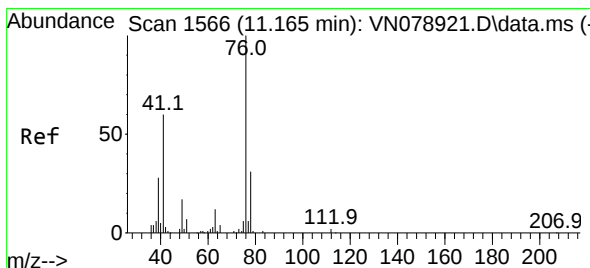
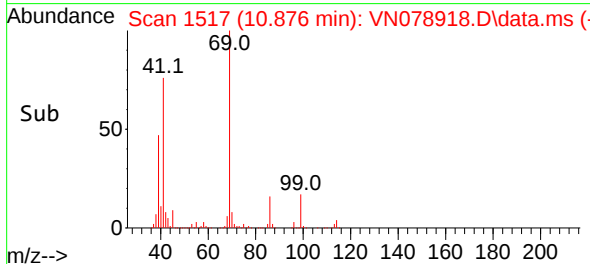
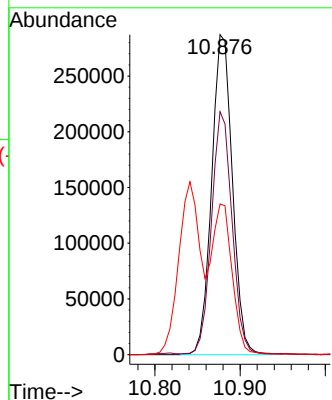


#51
Ethyl methacrylate
Concen: 107.943 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

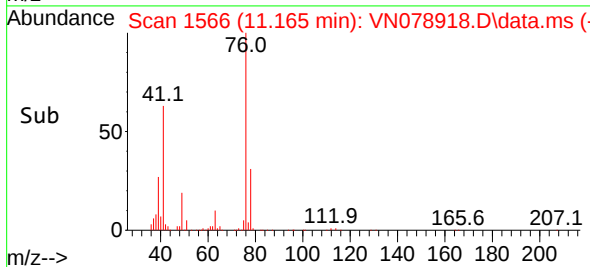
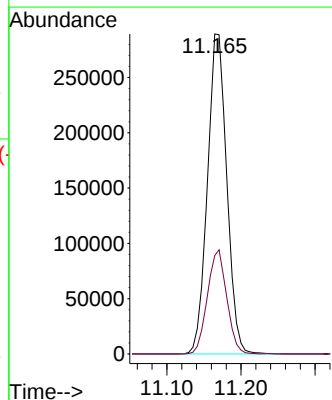
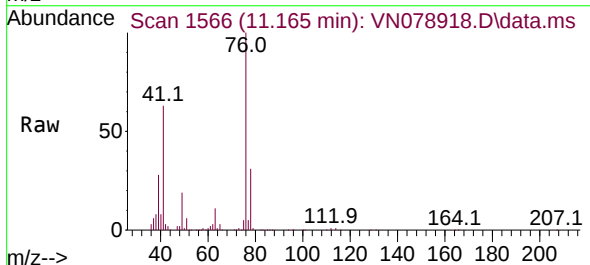


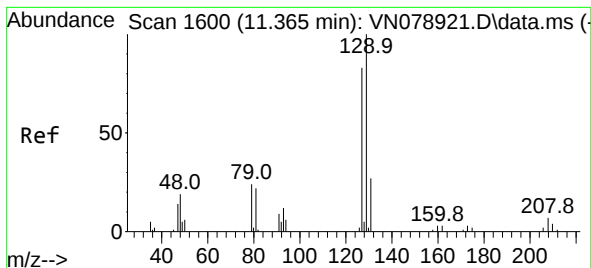
Tgt Ion: 69 Resp: 487064
Ion Ratio Lower Upper
69 100
41 75.7 35.9 107.8
39 46.9 23.5 70.5



#52
1,3-Dichloropropane
Concen: 100.652 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 76 Resp: 525567
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53

Dibromochloromethane

Concen: 103.314 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

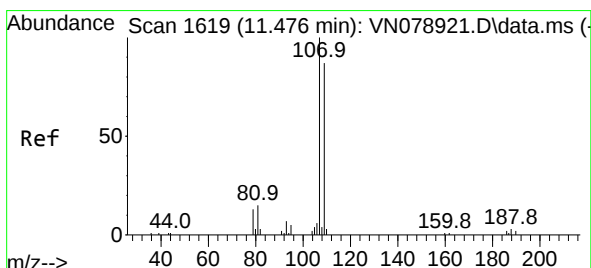
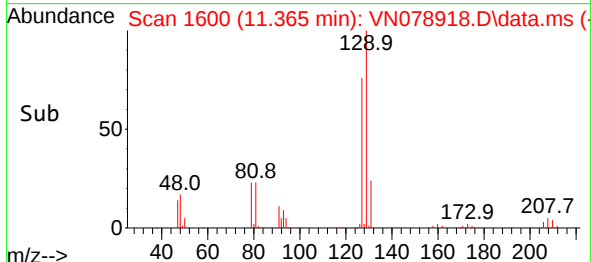
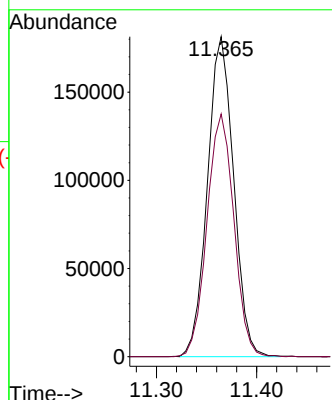
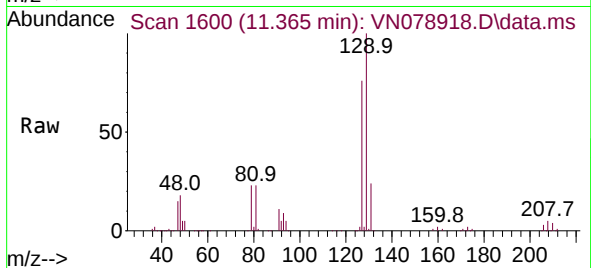
ClientSampleId :

Tgt Ion:129 Resp: 329650

Ion Ratio Lower Upper

129 100

127 77.9 40.1 120.2



#54

1,2-Dibromoethane

Concen: 101.240 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VN078918.D

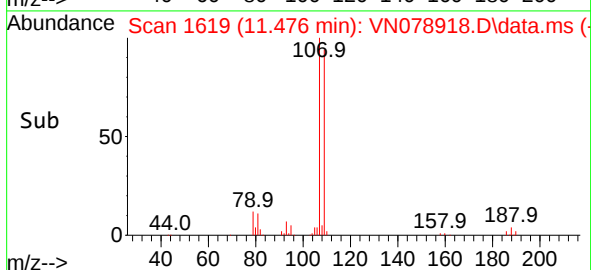
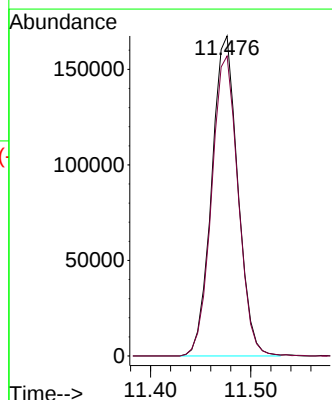
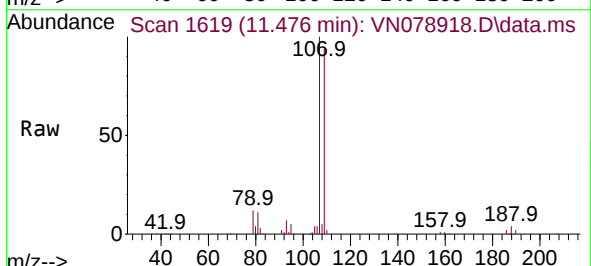
Acq: 17 Aug 2023 11:50

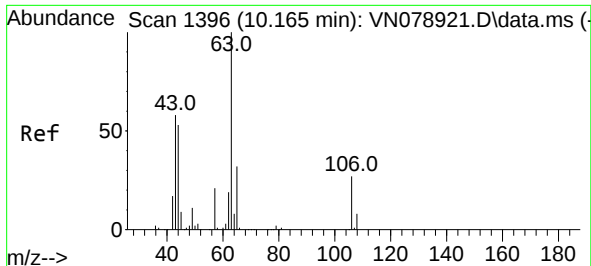
Tgt Ion:107 Resp: 303014

Ion Ratio Lower Upper

107 100

109 95.1 71.7 107.5

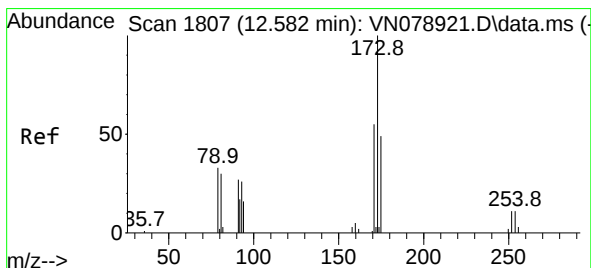
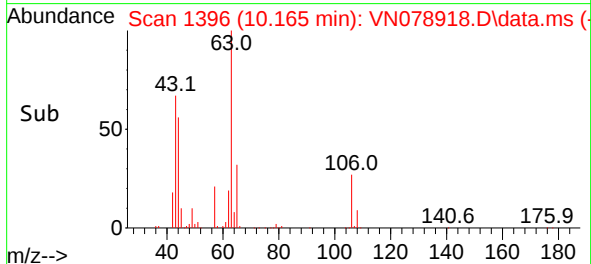
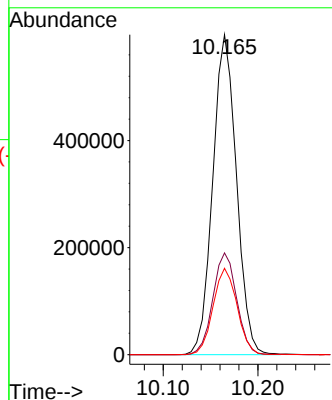
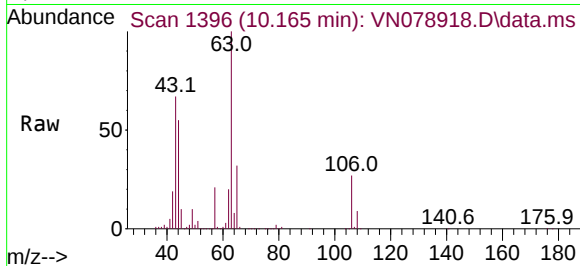




#55
2-Chloroethyl vinyl ether
Concen: 499.017 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

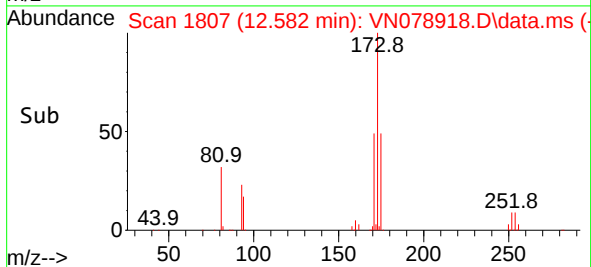
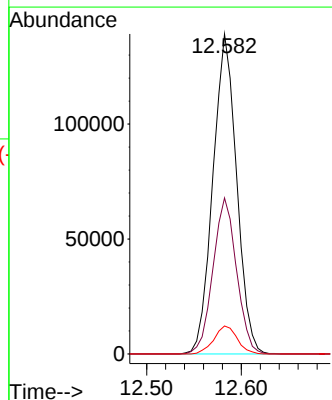
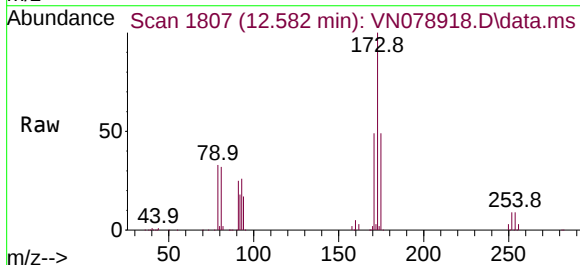
Instrument :
MSVOA_N
ClientSampleId :

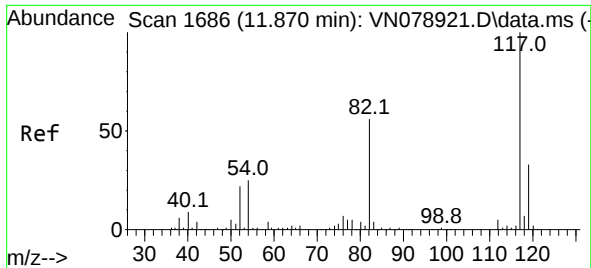
Tgt Ion: 63 Resp: 1040755
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 27.4 22.3 33.5



#56
Bromoform
Concen: 107.421 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:173 Resp: 241830
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 8.6 7.6 11.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

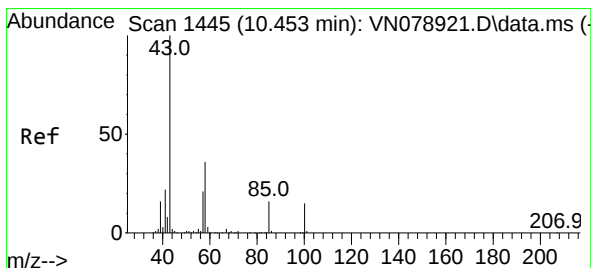
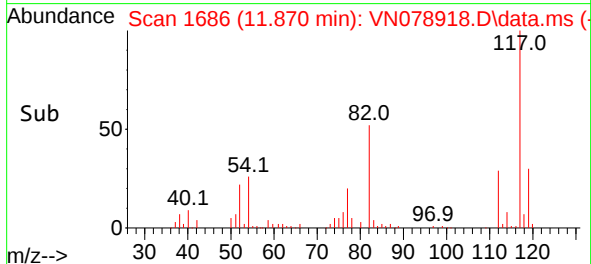
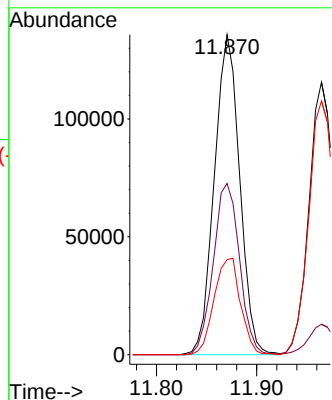
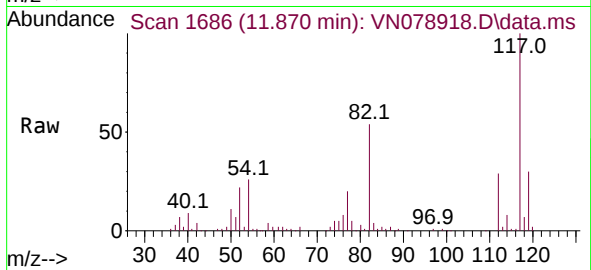
Tgt Ion:117 Resp: 238370

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.3 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 491.763 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

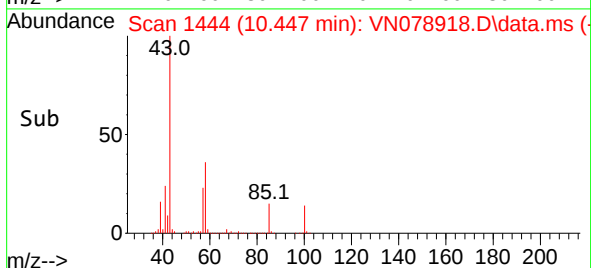
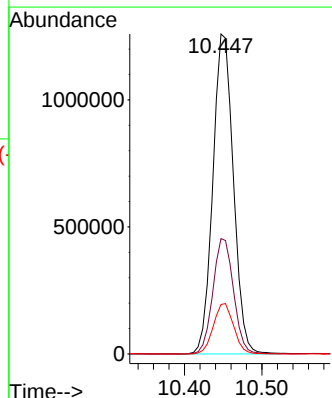
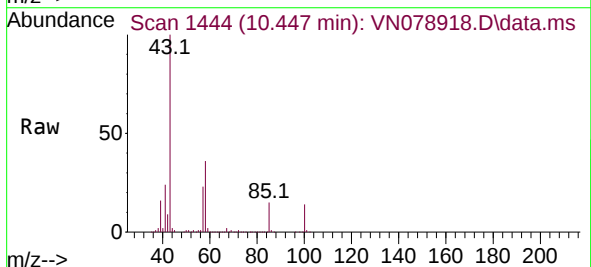
Tgt Ion: 43 Resp: 2325716

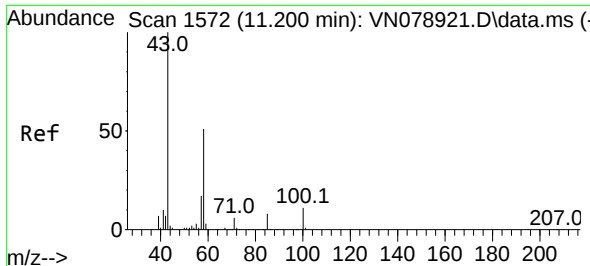
Ion Ratio Lower Upper

43 100

58 36.2 28.8 43.2

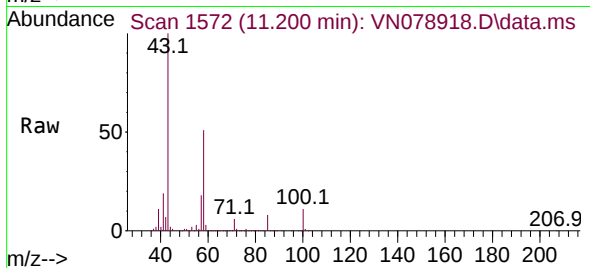
85 15.6 12.7 19.1





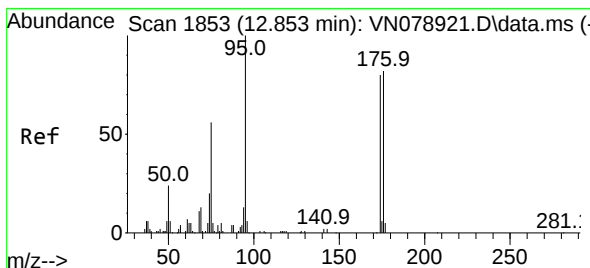
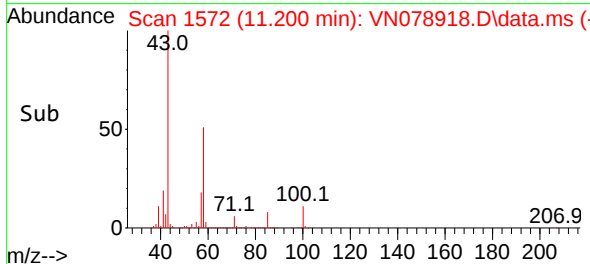
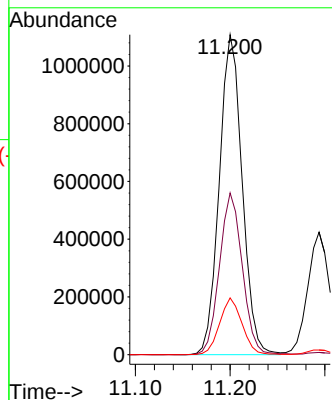
#59
2-Hexanone
Concen: 537.786 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1863488

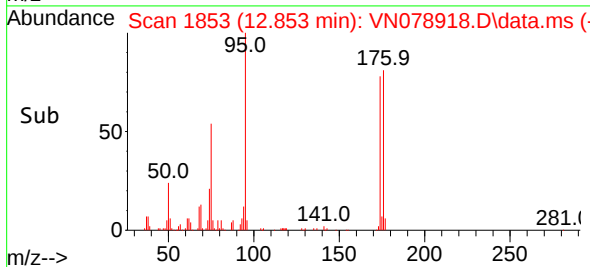
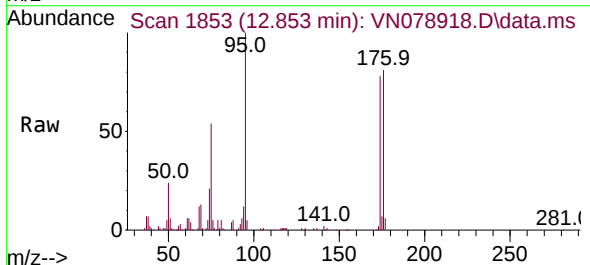
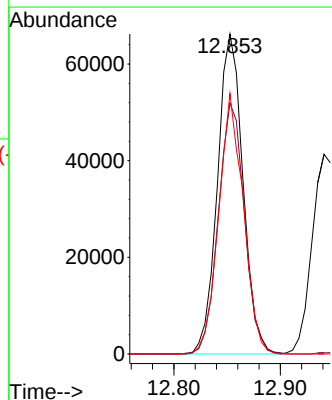
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.6	60.8
57	17.4	13.6	20.4

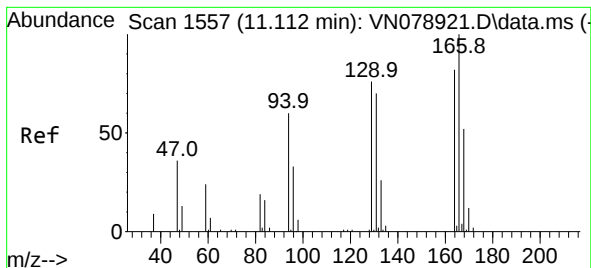


#60
4-Bromofluorobenzene
Concen: 31.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 95 Resp: 110004

Ion	Ratio	Lower	Upper
95	100		
174	80.1	64.8	97.2
176	78.7	63.0	94.6





#61

Tetrachloroethene

Concen: 99.156 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.006 min

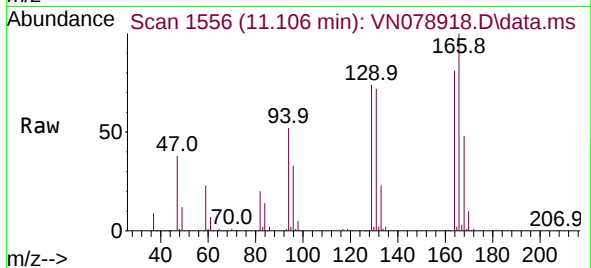
Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 228854

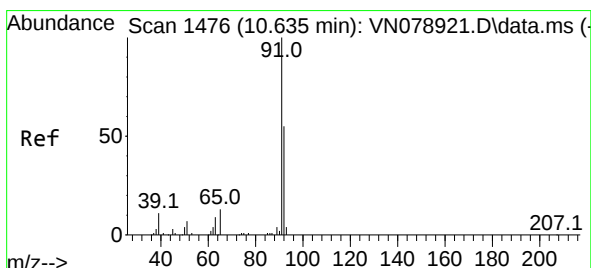
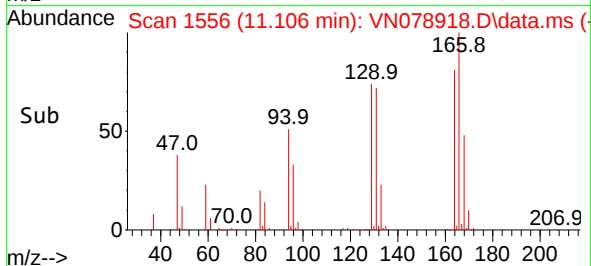
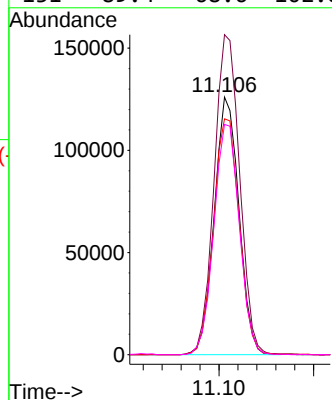
Ion Ratio Lower Upper

164 100

166 124.2 97.6 146.4

129 91.5 74.1 111.1

131 89.4 68.6 102.8



#62

Toluene

Concen: 100.303 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078918.D

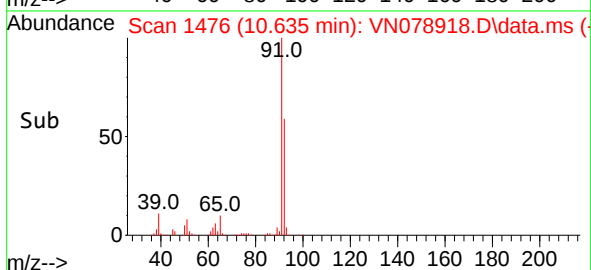
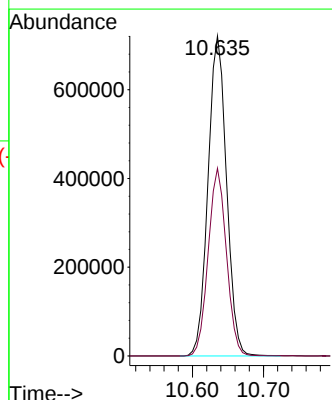
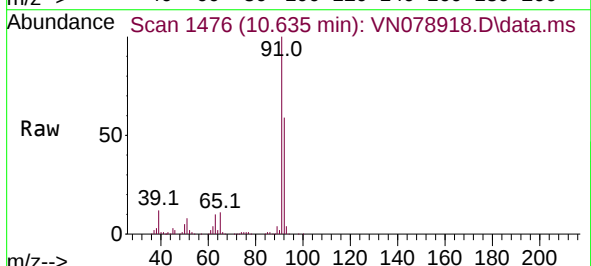
Acq: 17 Aug 2023 11:50

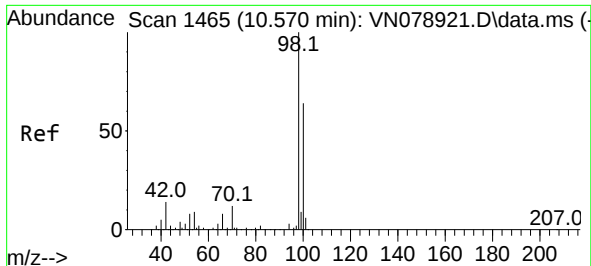
Tgt Ion: 91 Resp: 1305328

Ion Ratio Lower Upper

91 100

92 57.7 44.7 67.1

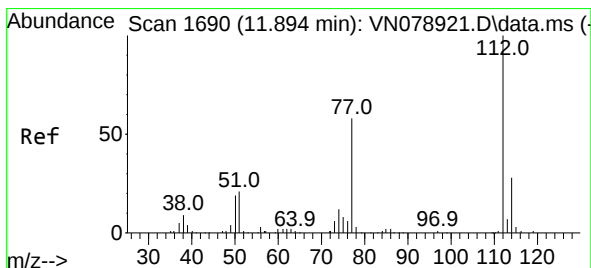
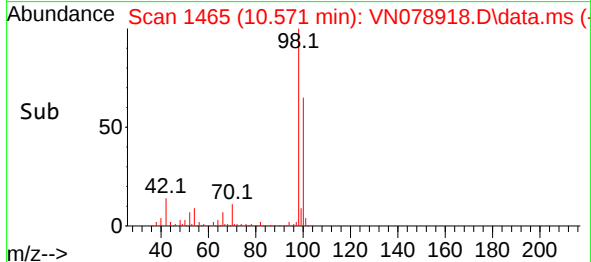
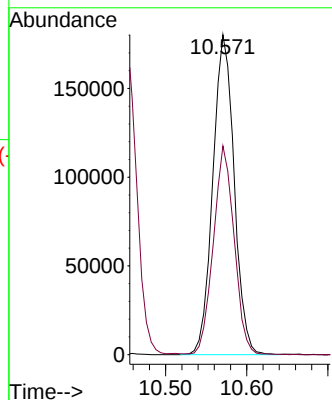
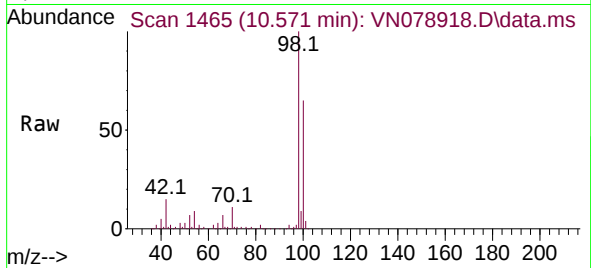




#63
Toluene-d8
Concen: 29.536 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

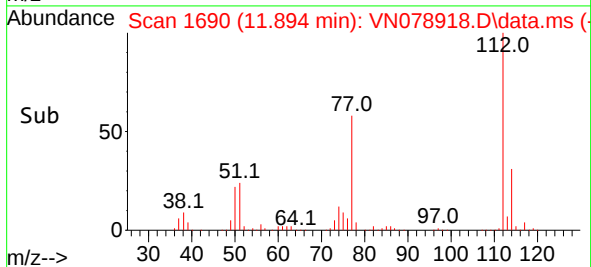
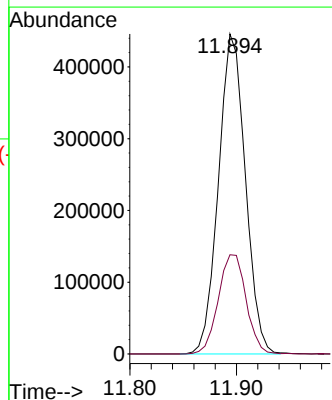
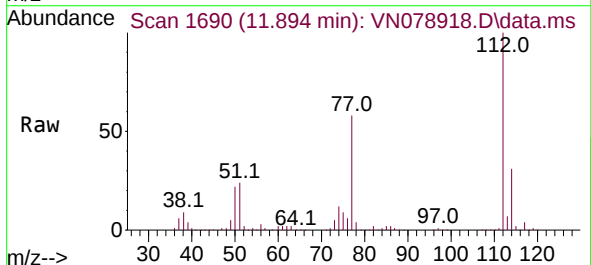
Instrument :
MSVOA_N
ClientSampleId :

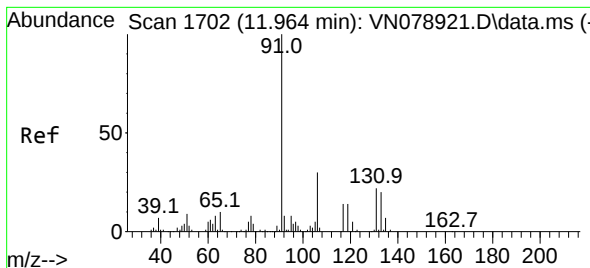
Tgt Ion: 98 Resp: 328784
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



#64
Chlorobenzene
Concen: 99.845 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 112 Resp: 781252
Ion Ratio Lower Upper
112 100
114 31.0 22.4 33.6

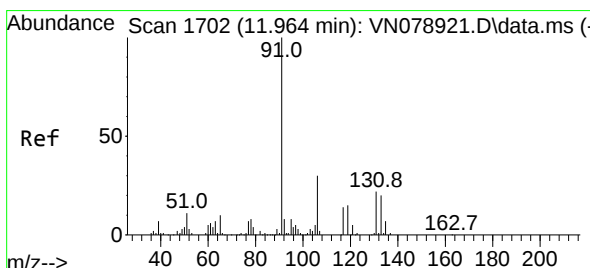
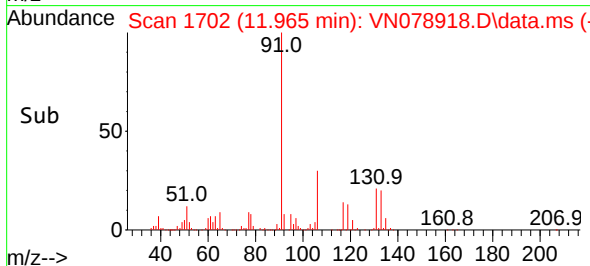
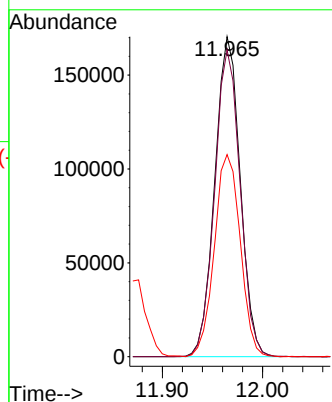
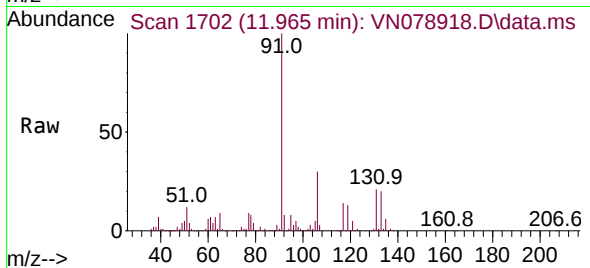




#65
 1,1,1,2-Tetrachloroethane
 Concen: 100.522 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

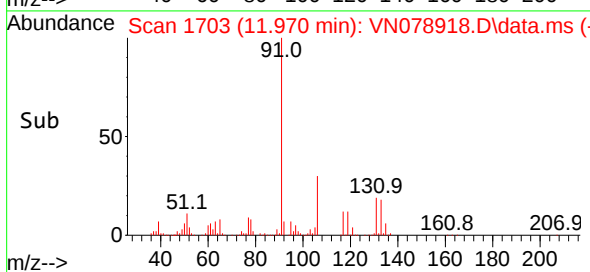
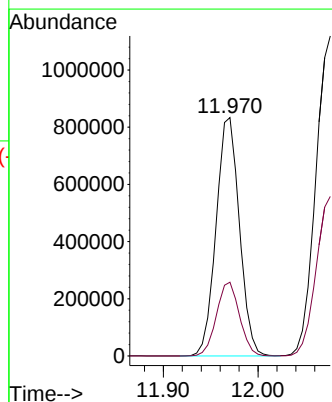
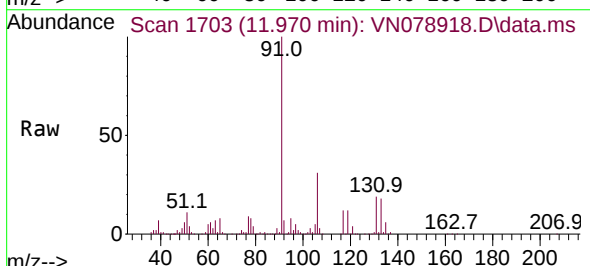
Instrument :
 MSVOA_N
 ClientSampleId :

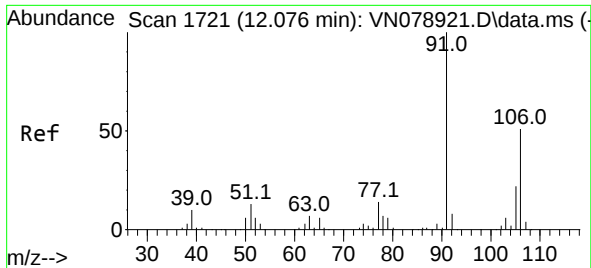
Tgt Ion:131 Resp: 300748
 Ion Ratio Lower Upper
 131 100
 133 96.0 0.0 184.8
 119 64.4 0.0 133.4



#66
 Ethyl Benzene
 Concen: 104.921 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Tgt Ion: 91 Resp: 1428239
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.1 36.1

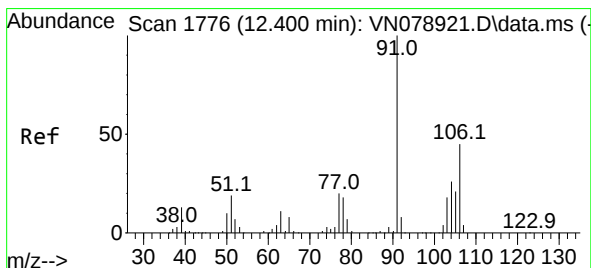
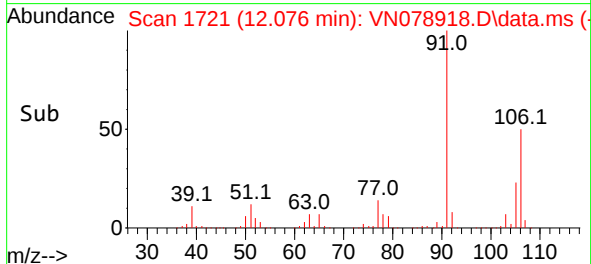
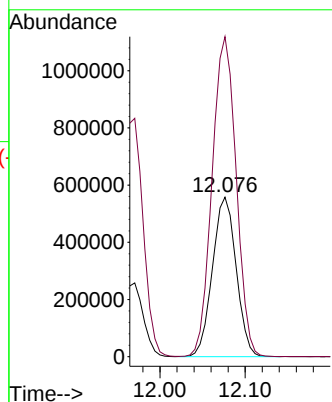
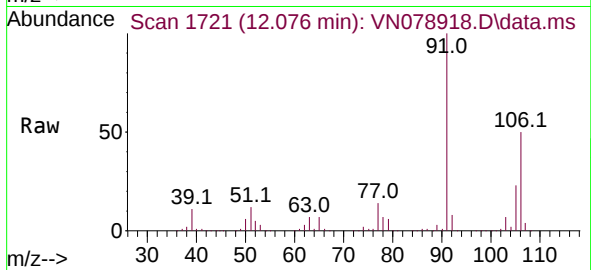




#67
m/p-Xylenes
Concen: 212.473 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

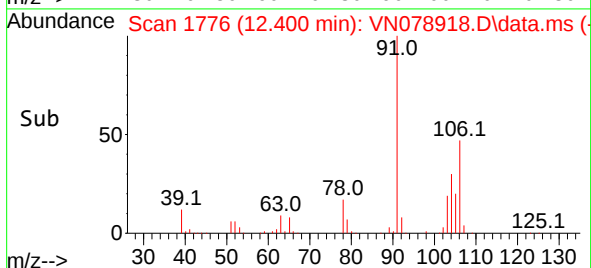
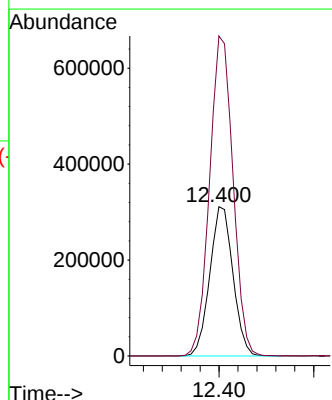
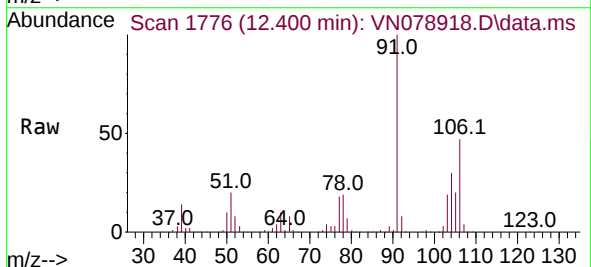
Instrument :
MSVOA_N
ClientSampleId :

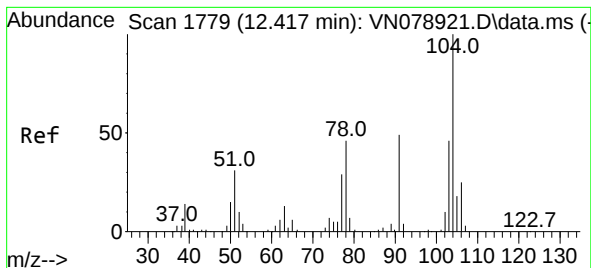
Tgt Ion:106 Resp: 1078417
Ion Ratio Lower Upper
106 100
91 203.8 161.2 241.8



#68
o-Xylene
Concen: 105.886 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:106 Resp: 529903
Ion Ratio Lower Upper
106 100
91 216.4 109.0 327.0





#69

Styrene

Concen: 110.659 ug/l

RT: 12.417 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

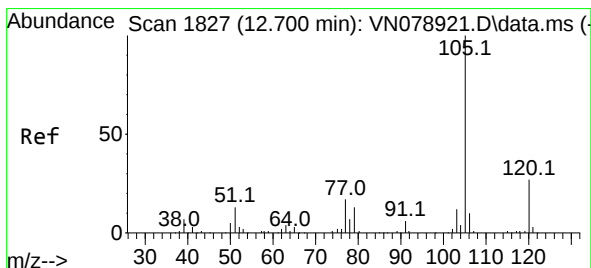
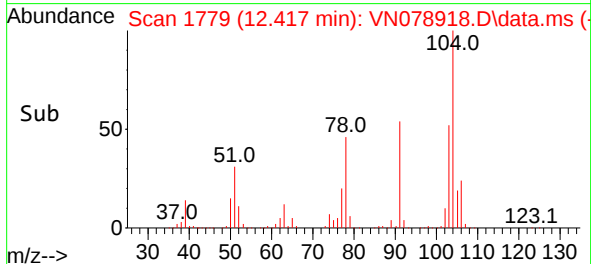
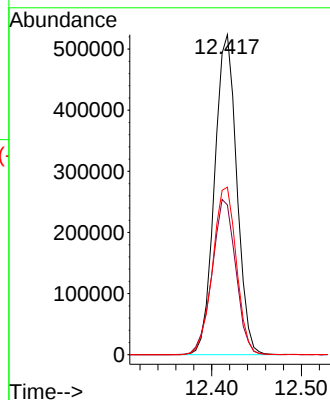
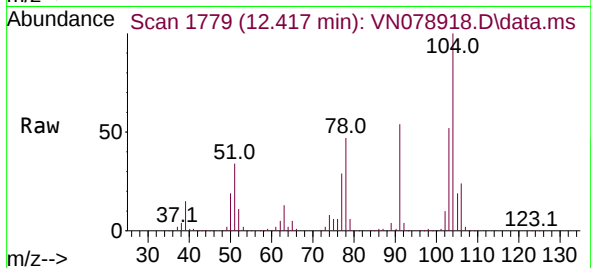
Tgt Ion:104 Resp: 899846

Ion Ratio Lower Upper

104 100

78 51.8 40.2 60.4

103 55.9 43.2 64.8



#70

Isopropylbenzene

Concen: 104.938 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078918.D

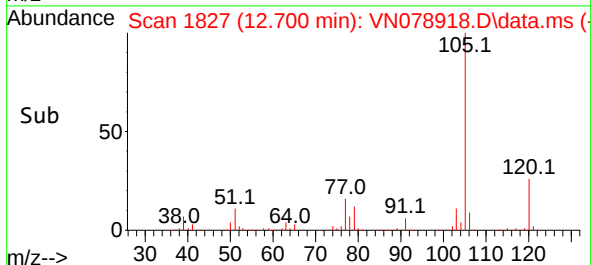
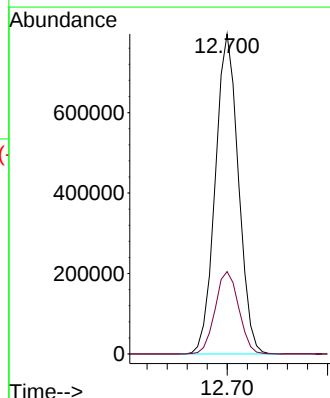
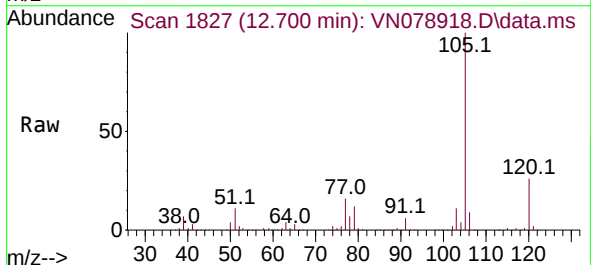
Acq: 17 Aug 2023 11:50

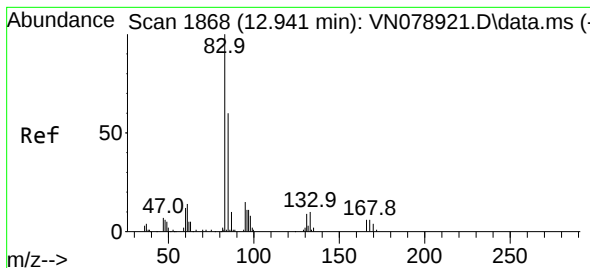
Tgt Ion:105 Resp: 1272450

Ion Ratio Lower Upper

105 100

120 26.3 19.1 35.5

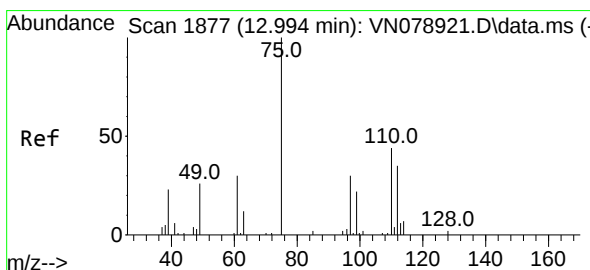
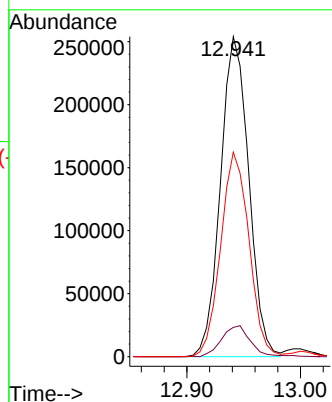
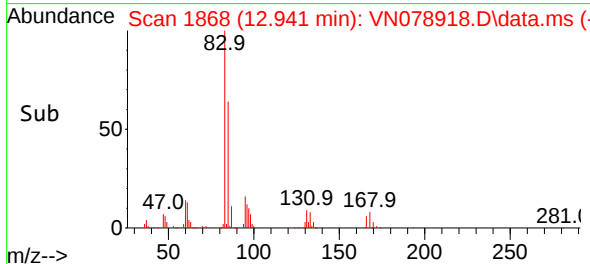
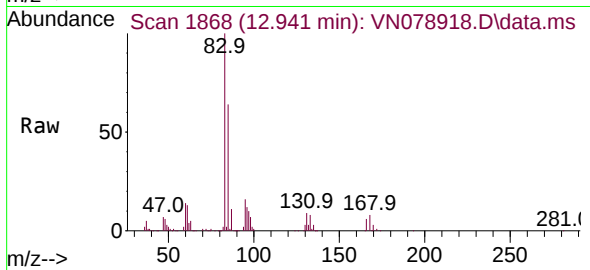




#71
1,1,2,2-Tetrachloroethane
Concen: 96.590 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

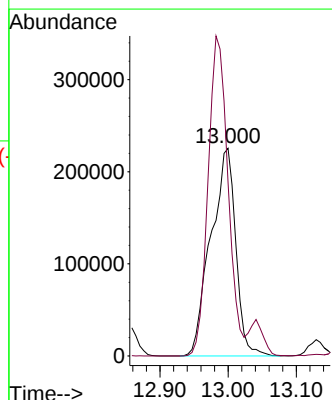
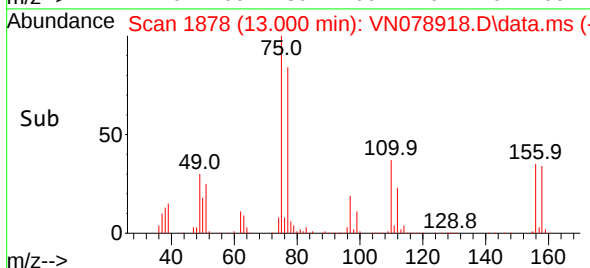
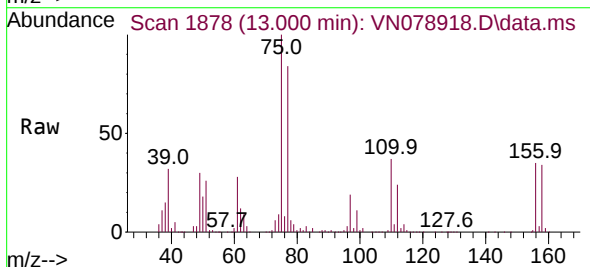
Instrument :
MSVOA_N
ClientSampleId :

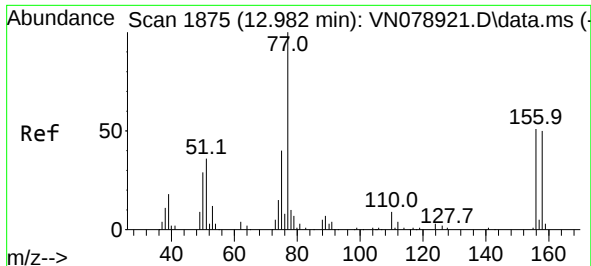
Tgt Ion: 83 Resp: 439057
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.0
85 63.9 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 143.889 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

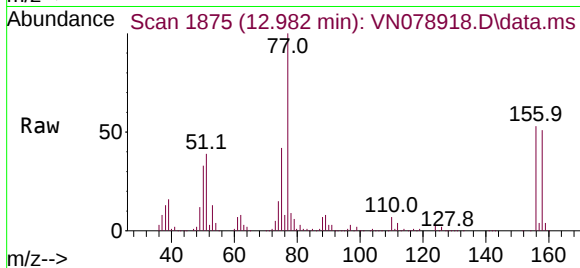
Tgt Ion: 75 Resp: 573149
Ion Ratio Lower Upper
75 100
77 123.4 0.0 367.4



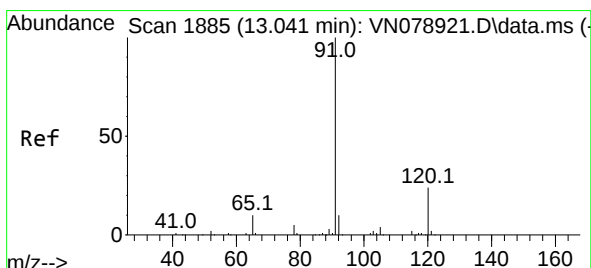
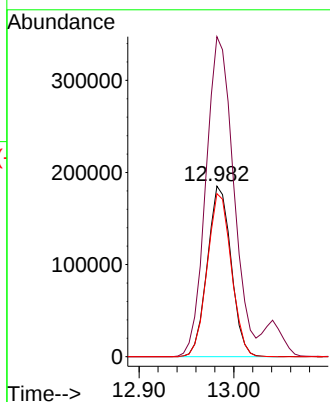
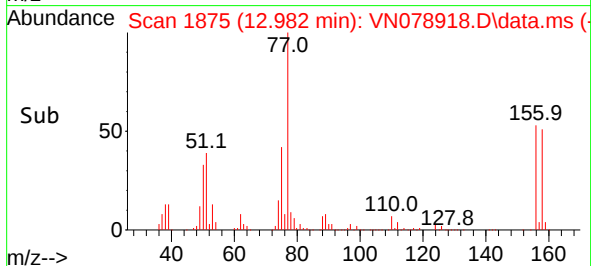


#73
Bromobenzene
Concen: 104.439 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

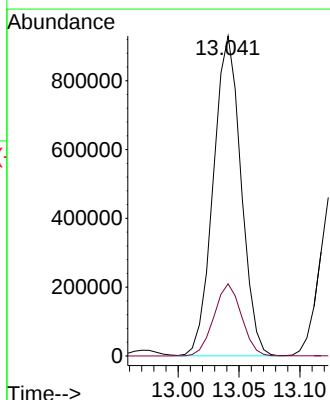
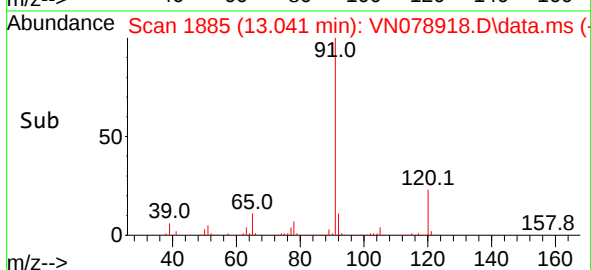
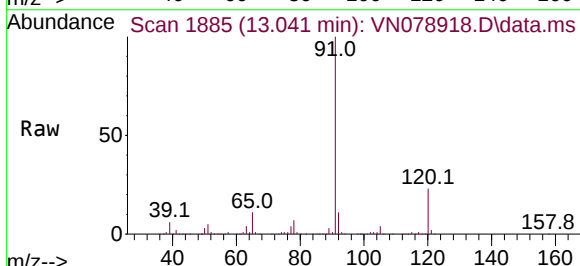


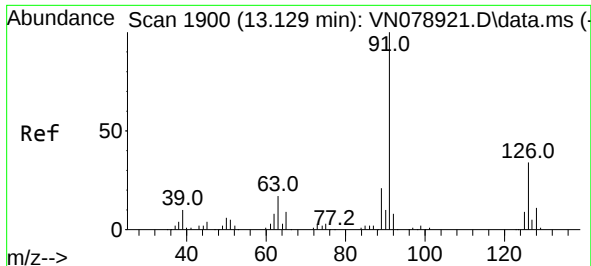
Tgt Ion:156 Resp: 322405
Ion Ratio Lower Upper
156 100
77 219.4 0.0 431.0
158 97.1 0.0 196.8



#74
n-propylbenzene
Concen: 107.238 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 91 Resp: 1473704
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.4

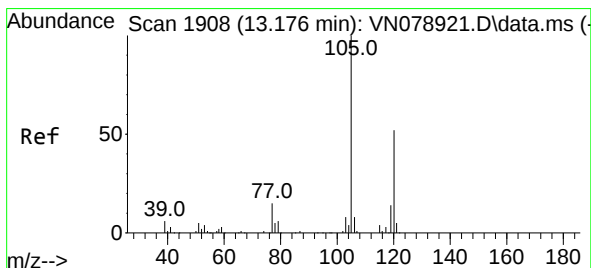
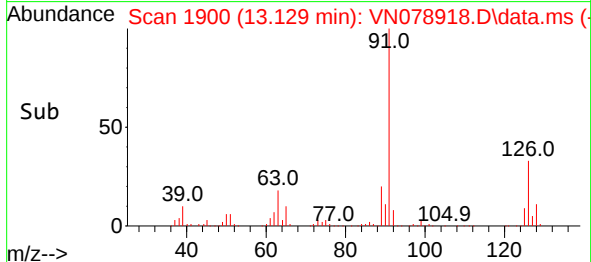
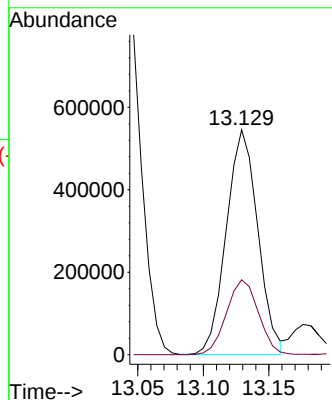
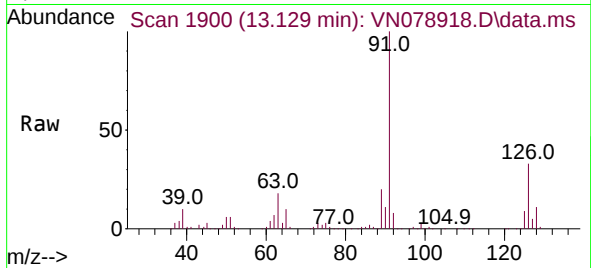




#75
2-Chlorotoluene
Concen: 104.786 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

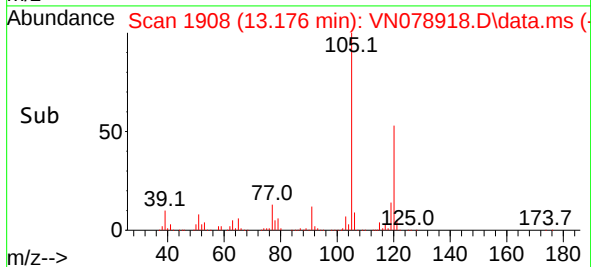
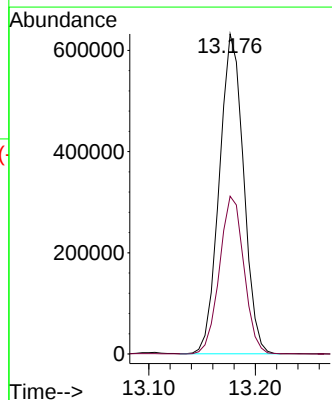
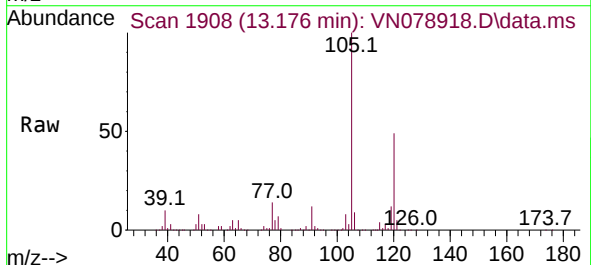
Instrument :
MSVOA_N
ClientSampleId :

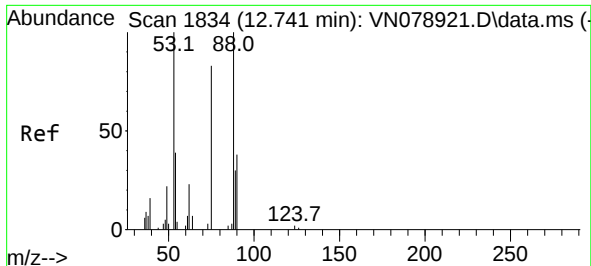
Tgt Ion: 91 Resp: 913532
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 103.896 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:105 Resp: 998674
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.8





#77

t-1,4-Dichloro-2-butene

Concen: 112.686 ug/l

RT: 12.741 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

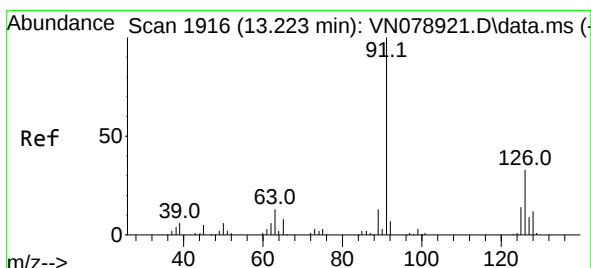
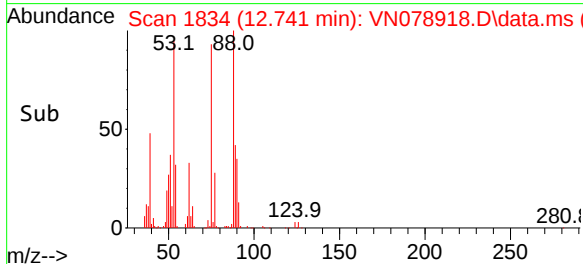
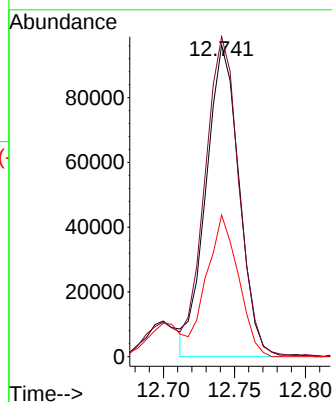
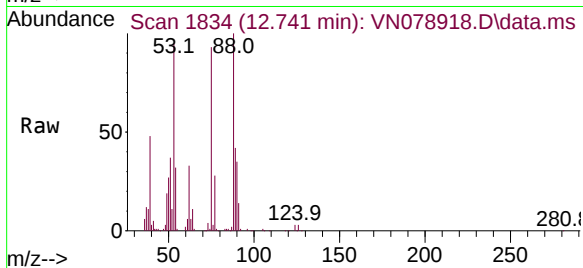
Tgt Ion: 75 Resp: 156162

Ion Ratio Lower Upper

75 100

53 102.3 60.1 180.3

89 45.6 22.9 68.8



#78

4-Chlorotoluene

Concen: 111.276 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VN078918.D

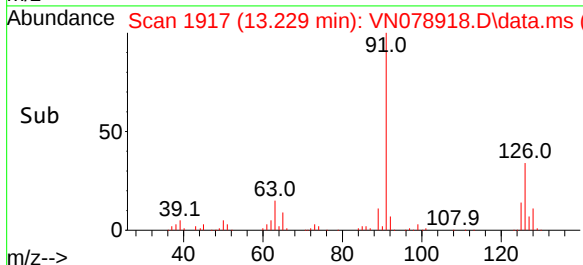
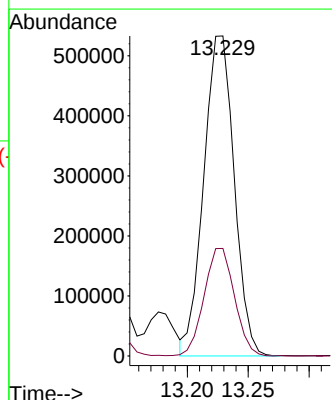
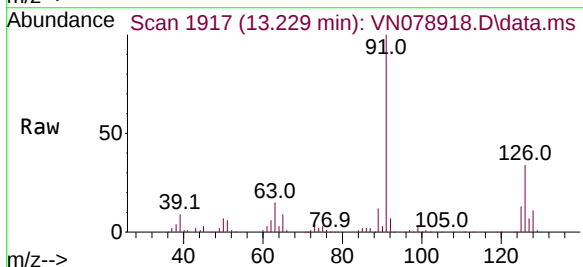
Acq: 17 Aug 2023 11:50

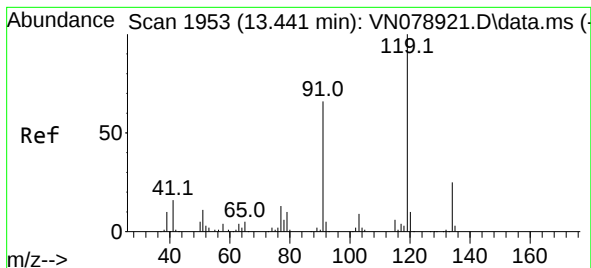
Tgt Ion: 91 Resp: 929410

Ion Ratio Lower Upper

91 100

126 33.5 0.0 67.4





#79

tert-butylbenzene

Concen: 102.707 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

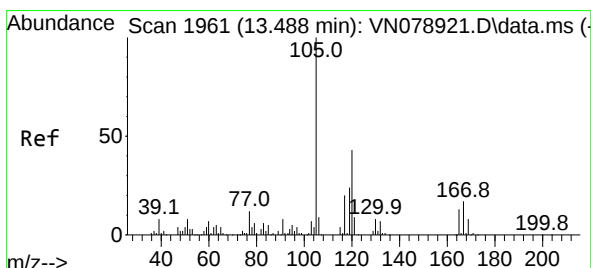
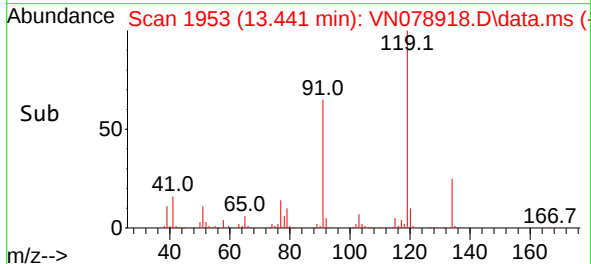
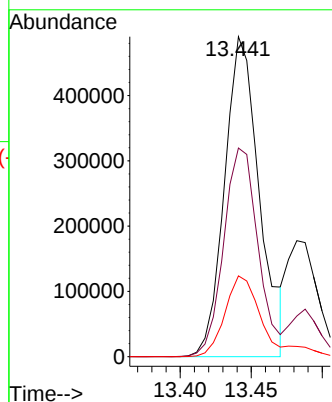
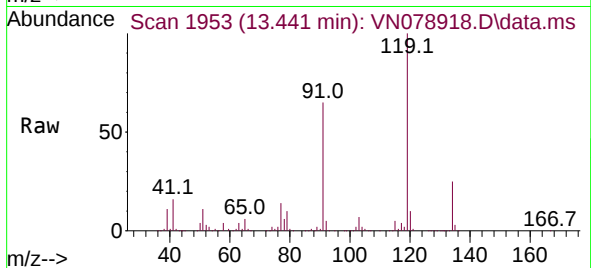
Tgt Ion:119 Resp: 834248

Ion Ratio Lower Upper

119 100

91 64.5 0.0 135.6

134 24.7 0.0 51.4



#80

1,2,4-Trimethylbenzene

Concen: 107.591 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078918.D

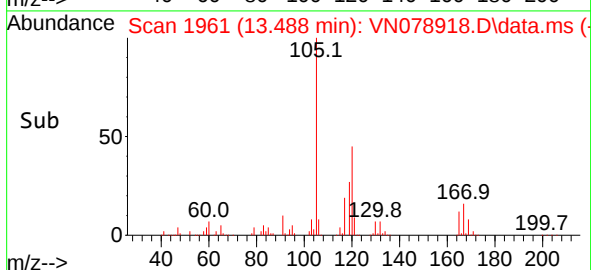
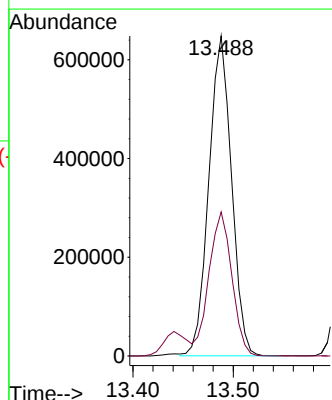
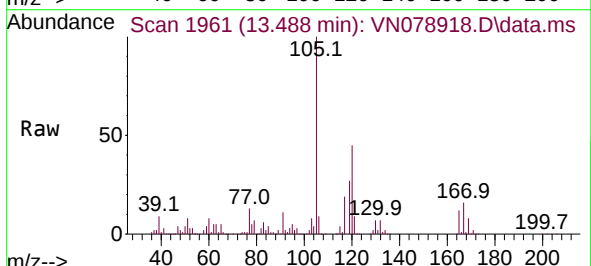
Acq: 17 Aug 2023 11:50

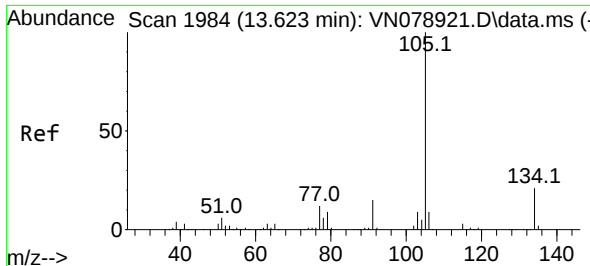
Tgt Ion:105 Resp: 1016910

Ion Ratio Lower Upper

105 100

120 45.6 0.0 91.6

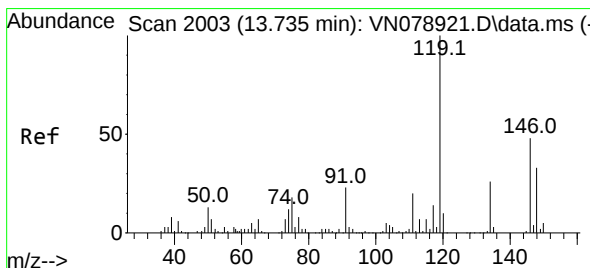
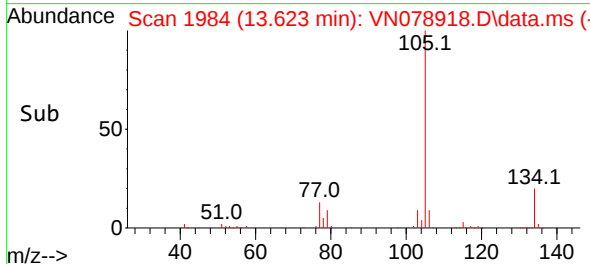
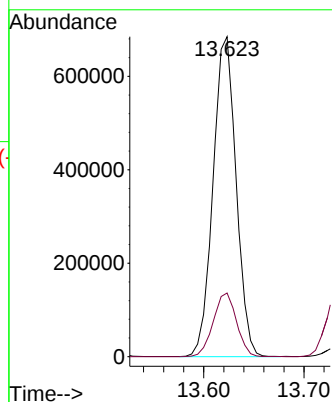
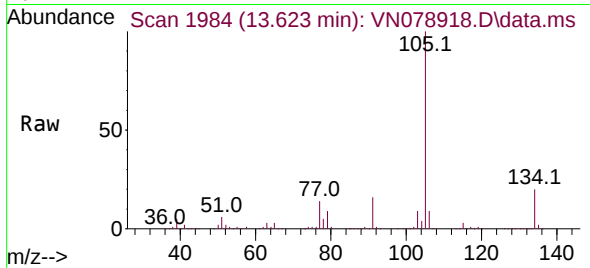




#81
 sec-Butylbenzene
 Concen: 102.064 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

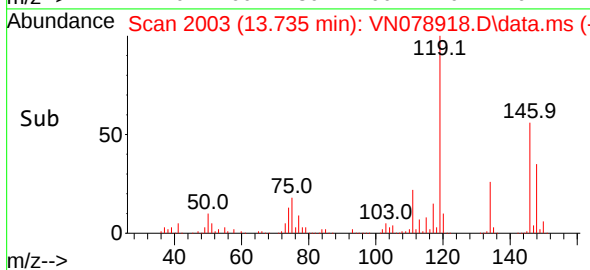
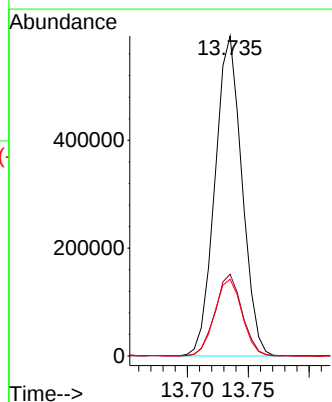
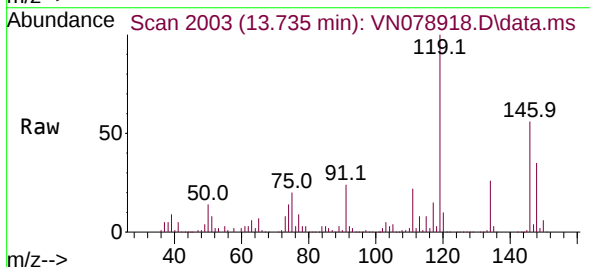
Instrument :
 MSVOA_N
 ClientSampleId :

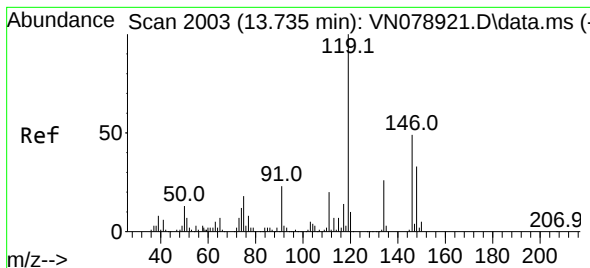
Tgt Ion:105 Resp: 1094106
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 104.529 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Tgt Ion:119 Resp: 914853
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.4 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 112.071 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

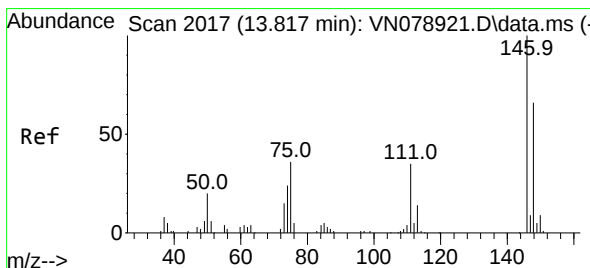
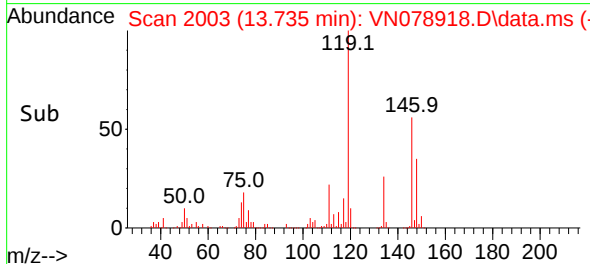
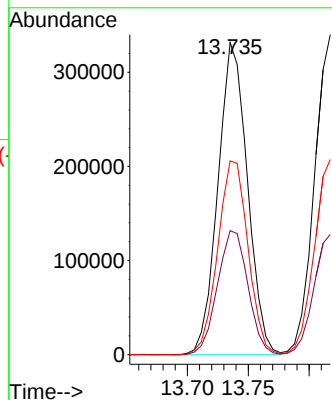
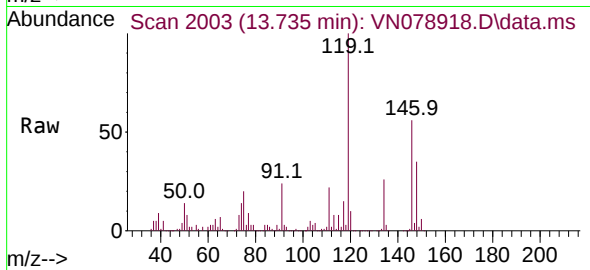
Tgt Ion:146 Resp: 558331

Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

148 63.8 33.1 99.5



#84

1,4-Dichlorobenzene

Concen: 115.315 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

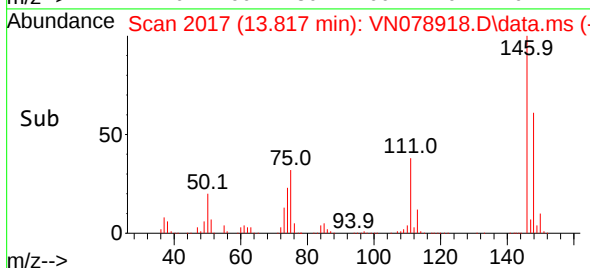
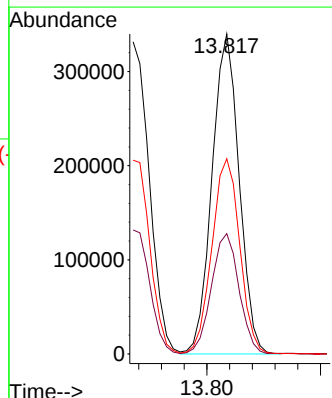
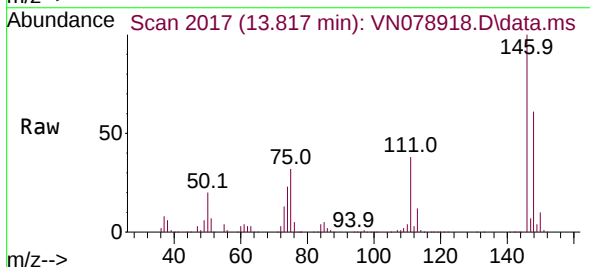
Tgt Ion:146 Resp: 564033

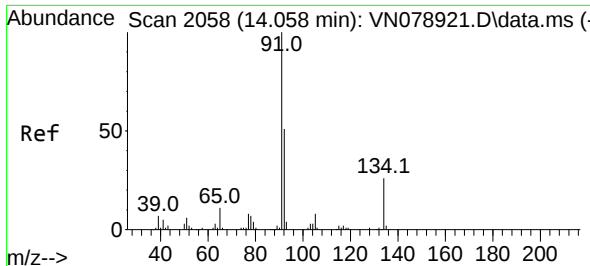
Ion Ratio Lower Upper

146 100

111 37.9 18.6 56.0

148 62.6 32.0 96.2

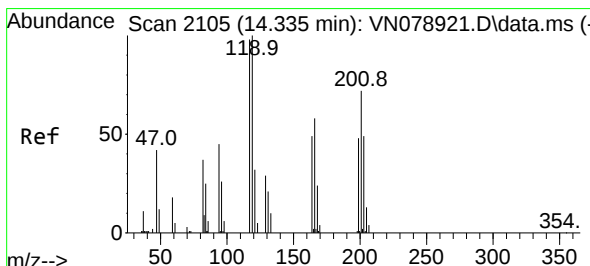
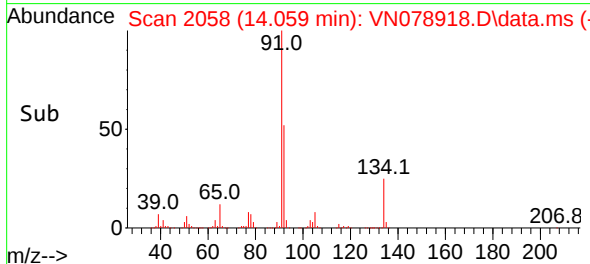
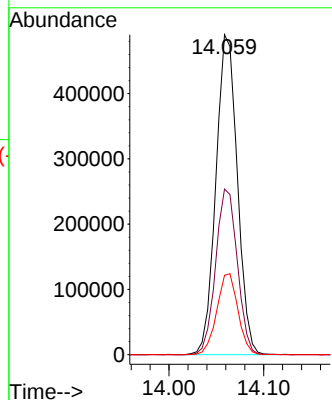
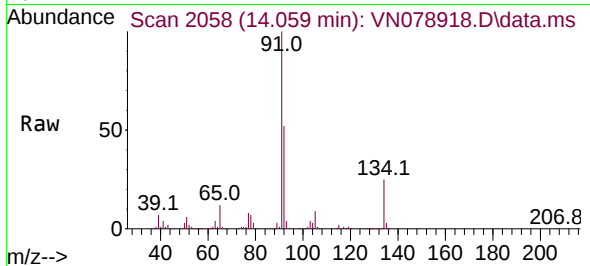




#85
n-Butylbenzene
Concen: 112.319 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

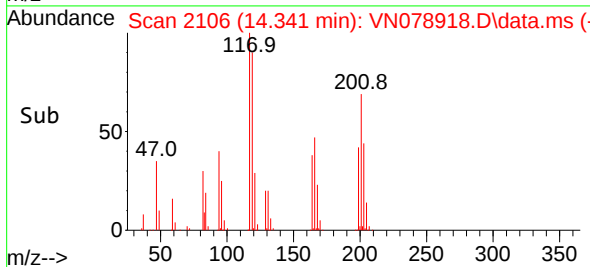
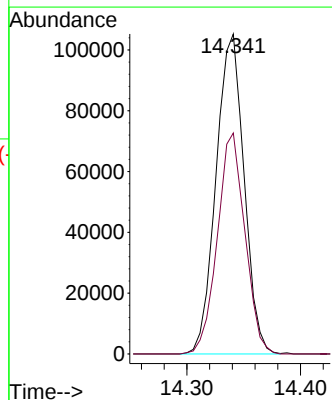
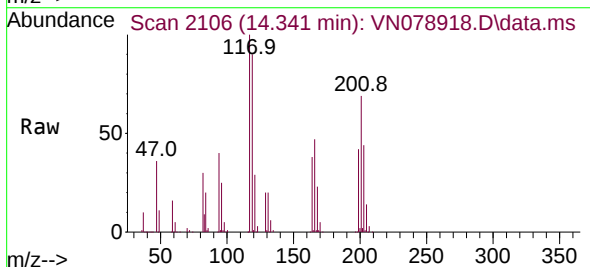
Instrument :
MSVOA_N
ClientSampleId :

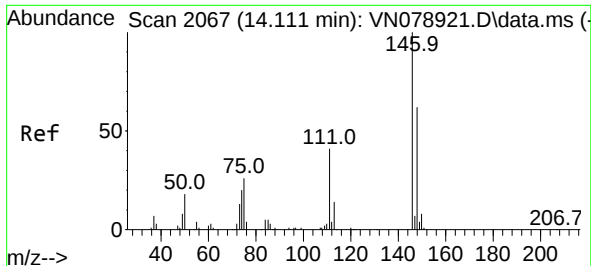
Tgt Ion: 91 Resp: 773163
Ion Ratio Lower Upper
91 100
92 52.3 0.0 102.8
134 25.0 0.0 48.6



#86
Hexachloroethane
Concen: 100.739 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 117 Resp: 180404
Ion Ratio Lower Upper
117 100
201 67.9 36.6 109.8

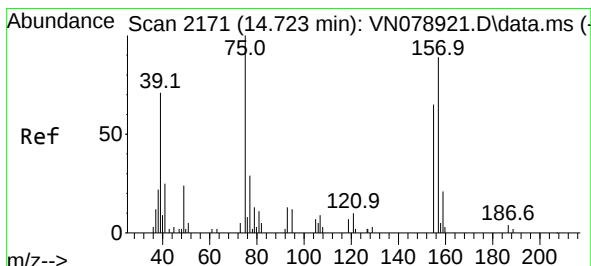
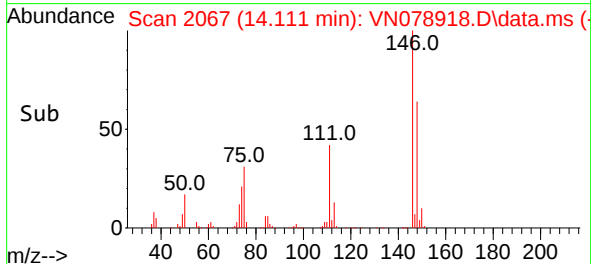
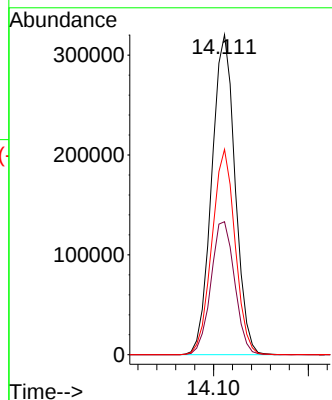
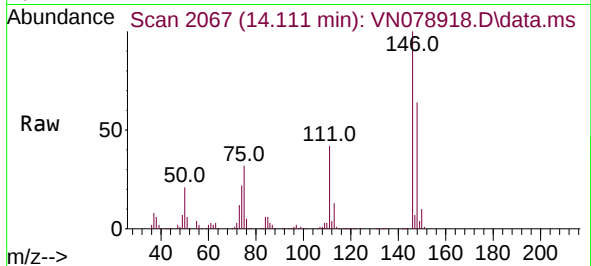




#87
 1,2-Dichlorobenzene
 Concen: 107.439 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

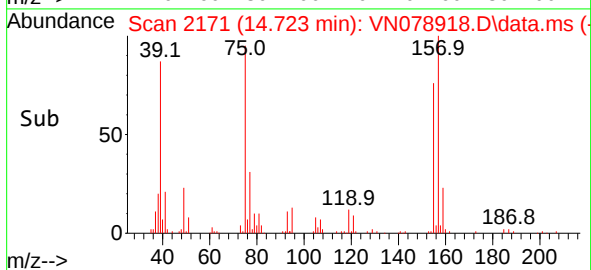
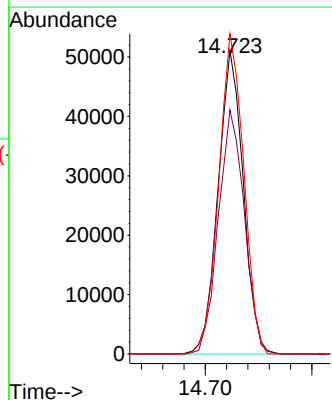
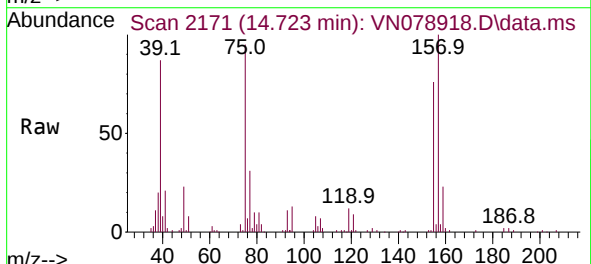
Instrument :
 MSVOA_N
 ClientSampleId :

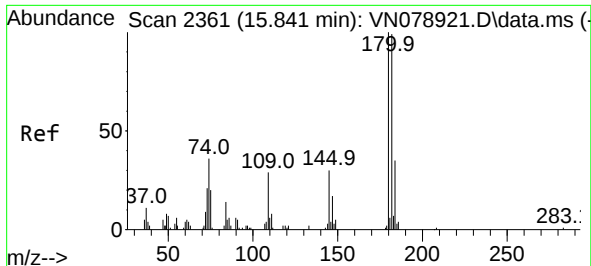
Tgt Ion:146 Resp: 548220
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.3 60.8
 148 63.7 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 102.315 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Tgt Ion: 75 Resp: 83475
 Ion Ratio Lower Upper
 75 100
 155 83.5 61.1 91.7
 157 105.0 79.8 119.6

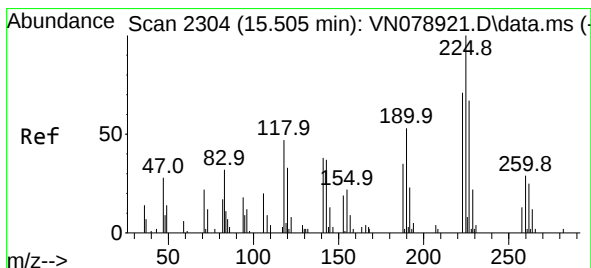
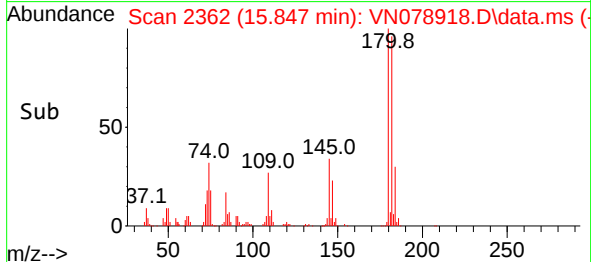
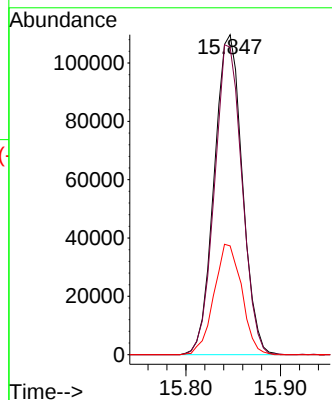
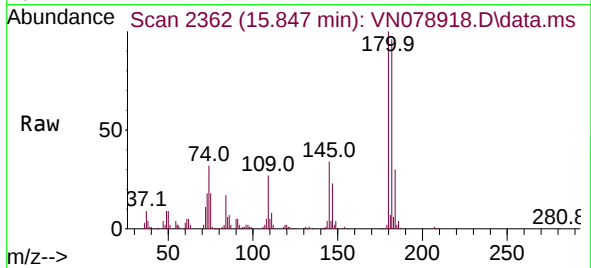




#89
1,2,4-Trichlorobenzene
Concen: 112.108 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

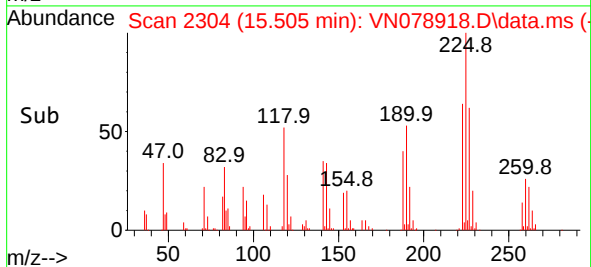
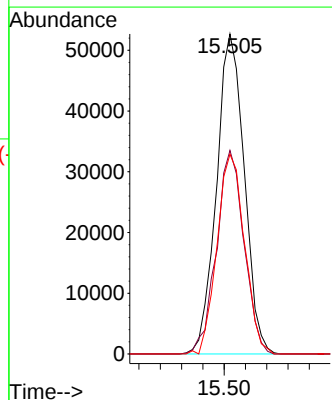
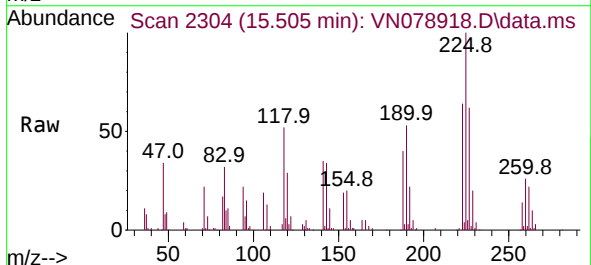
Instrument :
MSVOA_N
ClientSampleId :

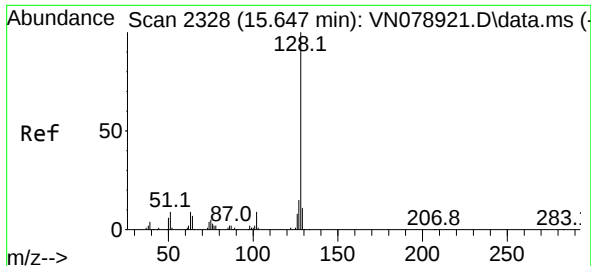
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	34.1	26.5	39.7



#90
Hexachlorobutadiene
Concen: 90.875 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	124.0
227	61.5	0.0	117.4

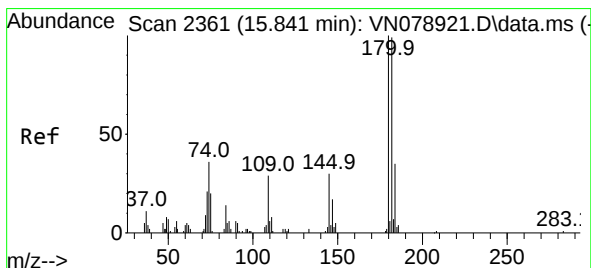
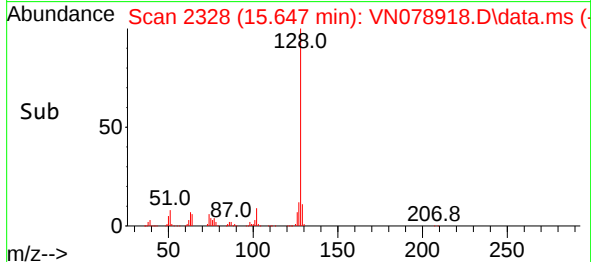
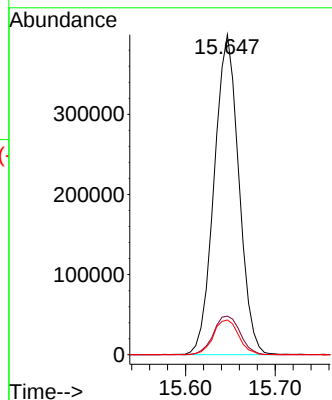
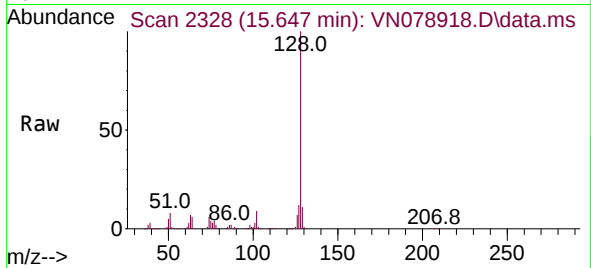




#91
Naphthalene
Concen: 131.290 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 763092
Ion Ratio Lower Upper
128 100
127 13.1 11.1 16.7
129 11.2 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 112.137 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:180 Resp: 225975
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.2
145 34.1 0.0 66.2

