

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078928.D
 Acq On : 17 Aug 2023 16:04
 Operator : JC\MD
 Sample : VN0817WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	43155	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	243169	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	218575	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	107810	30.836	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.800%	
60) 4-Bromofluorobenzene	12.853	95	96763	30.349	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.167%	
63) Toluene-d8	10.571	98	308589	30.232	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.767%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	54960	20.182	ug/l	96
3) Chloromethane	2.365	50	64028	19.619	ug/l	95
4) Vinyl Chloride	2.512	62	64035	19.825	ug/l	94
5) Bromomethane	2.948	94	40049	20.087	ug/l	100
6) Chloroethane	3.118	64	39770	18.947	ug/l	89
7) Trichlorofluoromethane	3.495	101	86759	19.943	ug/l	95
8) Diethyl Ether	3.965	74	32257	19.714	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	44907	19.764	ug/l	92
10) 1,1-Dichloroethene	4.342	96	44526	19.479	ug/l #	81
11) Methyl Iodide	4.595	142	54315	19.691	ug/l	91
12) Methyl Acetate	5.036	43	112509	20.999	ug/l	94
13) Acrolein	4.177	56	29733	79.618	ug/l	97
14) Acrylonitrile	5.724	53	145867	103.566	ug/l #	92
15) Acetone	4.436	58	41822	96.799	ug/l	95
16) Carbon Disulfide	4.718	76	127276	19.378	ug/l	96
17) Allyl chloride	5.030	41	79835	19.055	ug/l	97
18) Methylene Chloride	5.277	84	52188	19.098	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	49409	19.205	ug/l	97
20) Diisopropyl ether	6.683	45	188643	20.699	ug/l	95
21) 1,1-Dichloroethane	6.571	63	103175	20.402	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	59234	20.117	ug/l #	89
23) tert-Butyl Alcohol	5.536	59	55874	106.352	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	164962	20.330	ug/l	99
25) Chloroform	7.971	83	101703	19.963	ug/l	99
26) Cyclohexane	8.265	56	75066	20.292	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	76313	20.630	ug/l	99
30) 2-Butanone	7.494	43	220414	101.784	ug/l	99
31) 2,2-Dichloropropane	7.494	77	83593	20.447	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	86061	19.487	ug/l	99
33) Carbon Tetrachloride	8.371	117	77562	20.275	ug/l	97
34) Benzene	8.612	78	223937	20.201	ug/l	99
35) Methacrylonitrile	7.783	41	47471	20.568	ug/l	93
36) 1,2-Dichloroethane	8.677	62	81754	19.694	ug/l	99
37) Trichloroethene	9.359	130	54542	19.766	ug/l	85
38) Methylcyclohexane	9.606	83	66285	20.353	ug/l	98
39) 1,2-Dichloropropane	9.624	63	60921	20.403	ug/l	96
40) Dibromomethane	9.712	93	40323	20.146	ug/l	97
41) Bromodichloromethane	9.894	83	80190	19.922	ug/l	94
42) Vinyl Acetate	6.612	43	623112	102.057	ug/l	99

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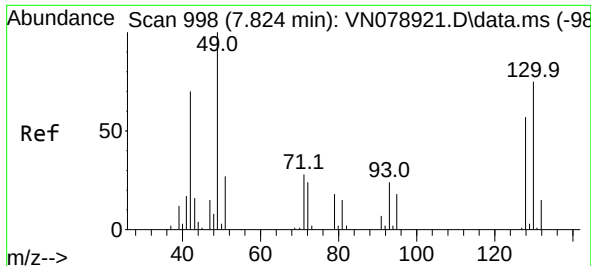
Quant Time: Aug 18 05:32:04 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	87443	20.814	ug/l	99
44) Isopropyl Acetate	8.694	43	144523	19.523	ug/l	99
45) 1,4-Dioxane	9.700	88	24279	435.848	ug/l	96
46) Methyl methacrylate	9.688	41	66506	20.391	ug/l	92
47) n-amyl Acetate	12.500	43	116853	20.571	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	86174	20.101	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	93799	20.405	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	54616	20.192	ug/l #	88
51) Ethyl methacrylate	10.876	69	86327	20.621	ug/l	97
52) 1,3-Dichloropropane	11.171	76	97251	20.074	ug/l	100
53) Dibromochloromethane	11.365	129	60580	20.464	ug/l	95
54) 1,2-Dibromoethane	11.476	107	55415	19.956	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	191815	99.129	ug/l	98
56) Bromoform	12.582	173	41066	19.661	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	453492	104.573	ug/l	100
59) 2-Hexanone	11.200	43	324086	101.999	ug/l	100
61) Tetrachloroethene	11.106	164	40735	19.248	ug/l	91
62) Toluene	10.635	91	240394	20.145	ug/l	98
64) Chlorobenzene	11.894	112	142156	19.813	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	54032	19.695	ug/l	95
66) Ethyl Benzene	11.970	91	250173	20.042	ug/l	99
67) m/p-Xylenes	12.076	106	185309	39.817	ug/l	96
68) o-Xylene	12.406	106	91711	19.986	ug/l	97
69) Styrene	12.418	104	149981	20.114	ug/l	99
70) Isopropylbenzene	12.700	105	223364	20.089	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	83476	20.027	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	103876	30.378	ug/l	54
73) Bromobenzene	12.982	156	56462	19.947	ug/l	99
74) n-propylbenzene	13.041	91	257575	20.441	ug/l	98
75) 2-Chlorotoluene	13.129	91	160222	20.042	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	179764	20.395	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	25835	20.331	ug/l	86
78) 4-Chlorotoluene	13.223	91	150880	19.701	ug/l	100
79) tert-butylbenzene	13.447	119	148773	19.975	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	177601	20.492	ug/l	98
81) sec-Butylbenzene	13.617	105	196856	20.027	ug/l	99
82) p-Isopropyltoluene	13.735	119	163076	20.320	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	92860	20.327	ug/l	94
84) 1,4-Dichlorobenzene	13.817	146	86454	19.276	ug/l	97
85) n-Butylbenzene	14.064	91	120037	19.017	ug/l	99
86) Hexachloroethane	14.335	117	33020	20.109	ug/l	91
87) 1,2-Dichlorobenzene	14.112	146	95273	20.362	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	15514	20.738	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	36917	19.979	ug/l	97
90) Hexachlorobutadiene	15.506	225	19416	20.182	ug/l	99
91) Naphthalene	15.641	128	97478	18.290	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	36917	19.979	ug/l	97

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

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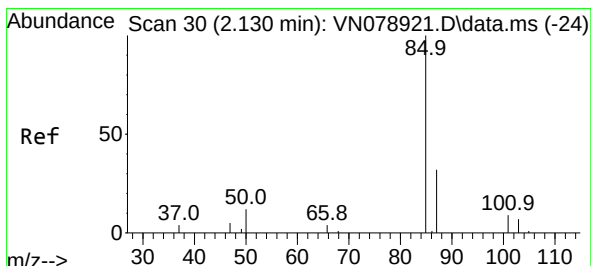
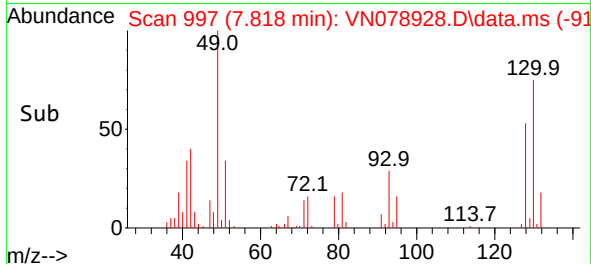
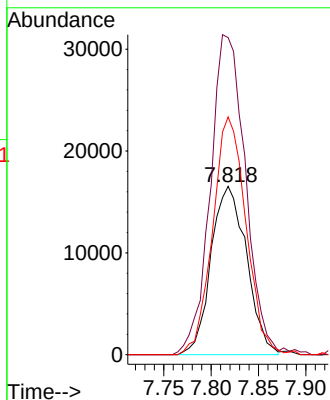
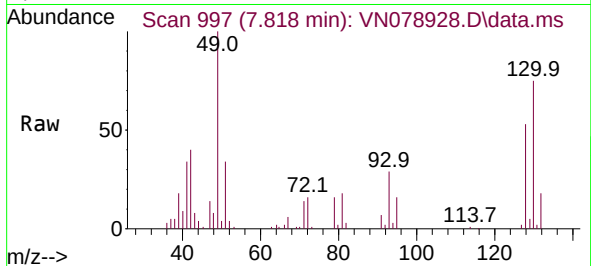




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

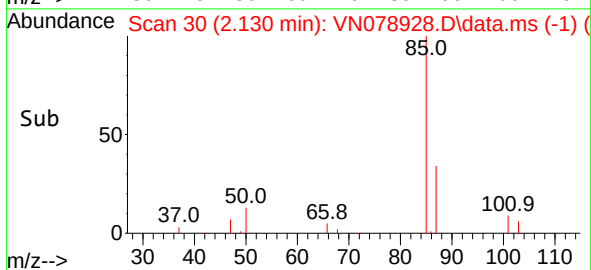
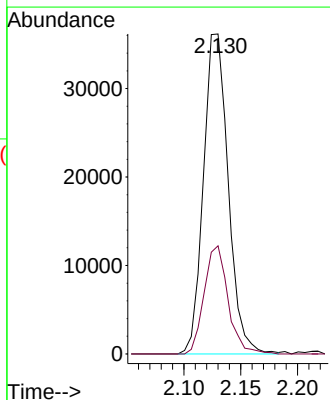
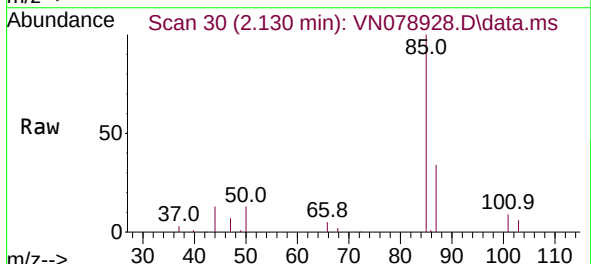
Instrument :
MSVOA_N
ClientSampleId :

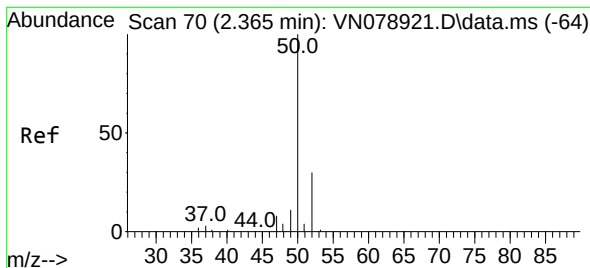
Tgt Ion:128 Resp: 43155
Ion Ratio Lower Upper
128 100
49 187.1 0.0 481.8
130 132.4 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 20.182 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 85 Resp: 54960
Ion Ratio Lower Upper
85 100
87 33.8 15.9 47.7





#3

Chloromethane

Concen: 19.619 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

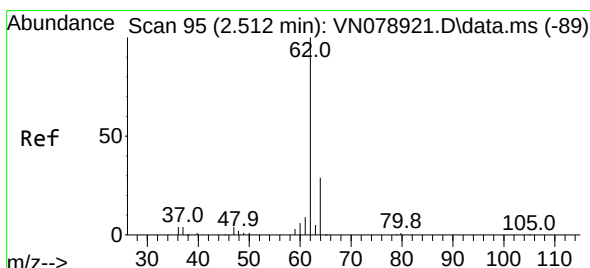
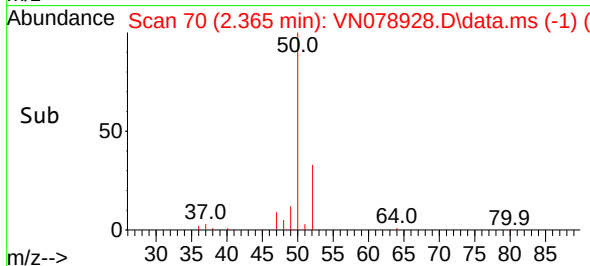
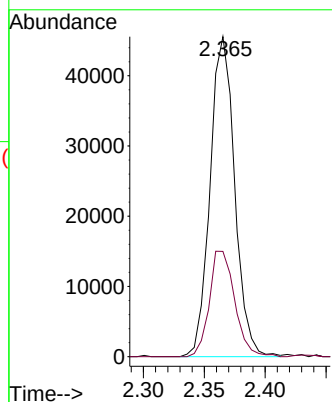
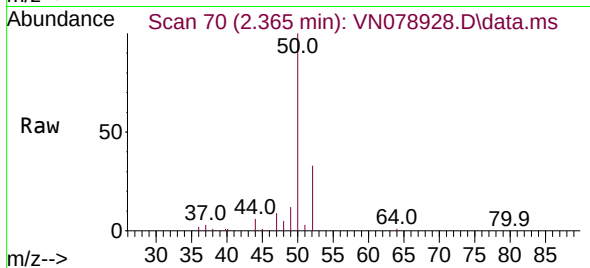
ClientSampleId :

Tgt Ion: 50 Resp: 64028

Ion Ratio Lower Upper

50 100

52 32.9 24.2 36.4



#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN078928.D

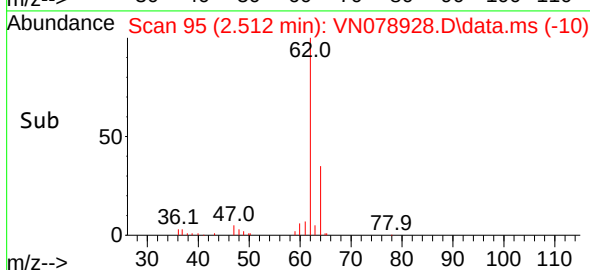
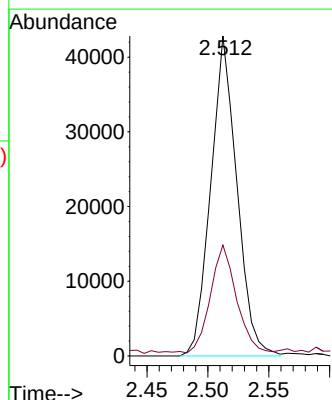
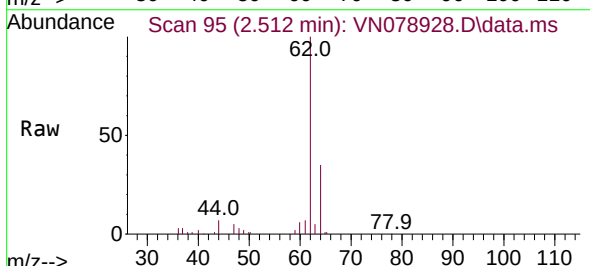
Acq: 17 Aug 2023 16:04

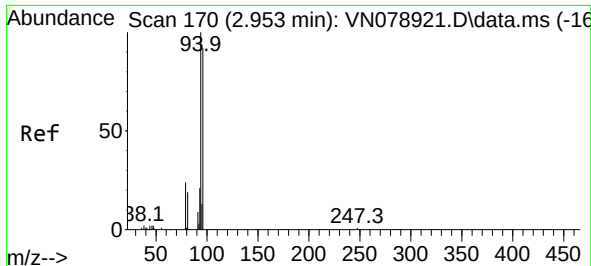
Tgt Ion: 62 Resp: 64035

Ion Ratio Lower Upper

62 100

64 33.3 23.8 35.8

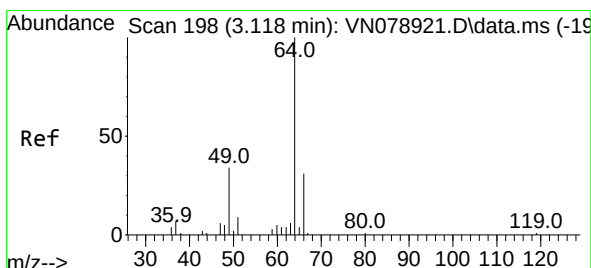
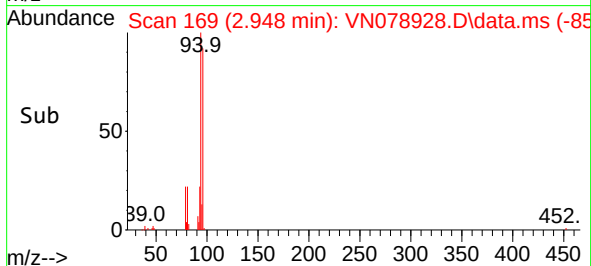
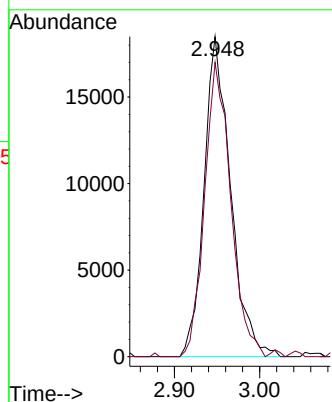
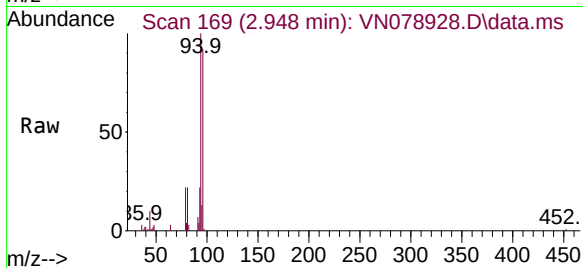




#5
Bromomethane
Concen: 20.087 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

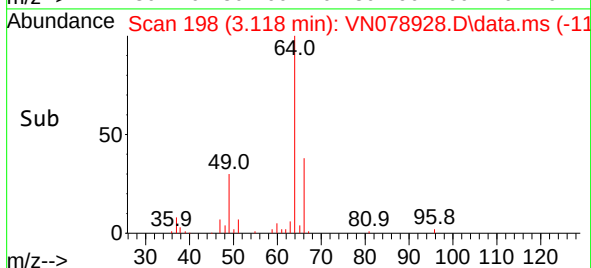
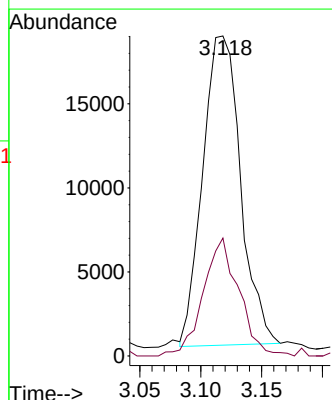
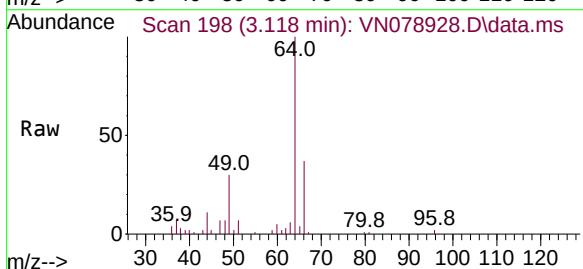
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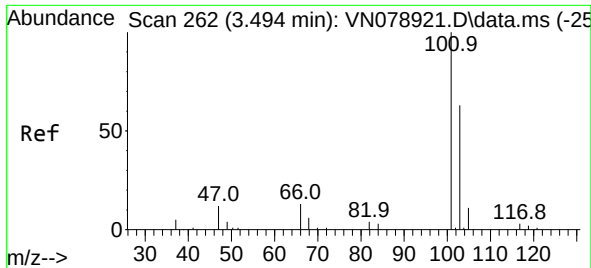
Tgt Ion: 94 Resp: 40049
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4



#6
Chloroethane
Concen: 18.947 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 64 Resp: 39770
Ion Ratio Lower Upper
64 100
66 37.3 24.9 37.3

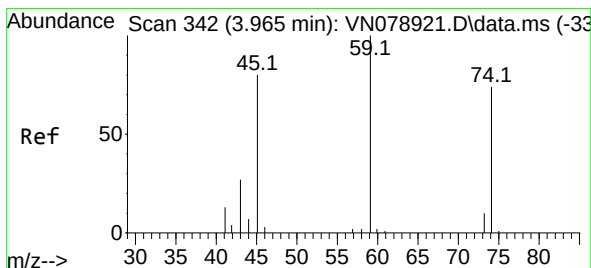
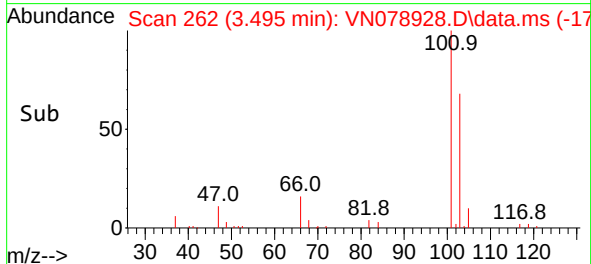
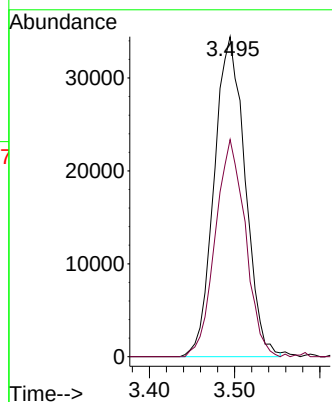
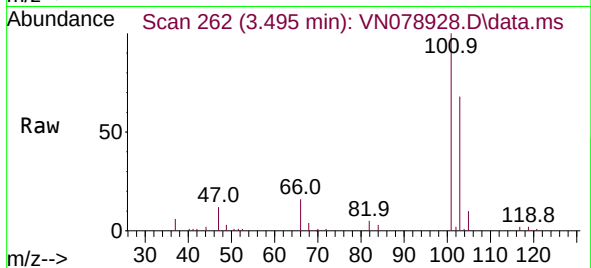




#7
 Trichlorofluoromethane
 Concen: 19.943 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

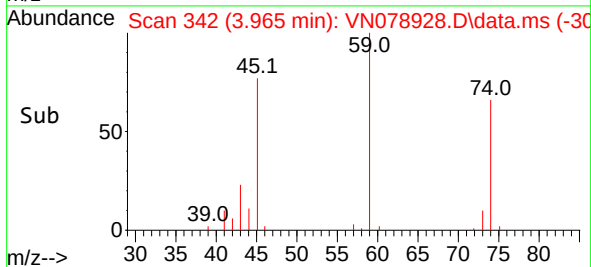
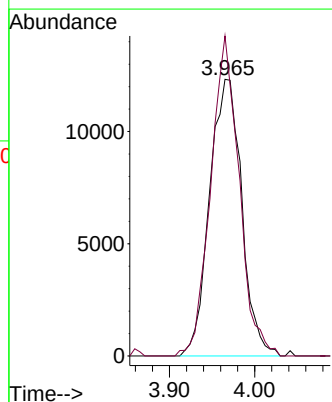
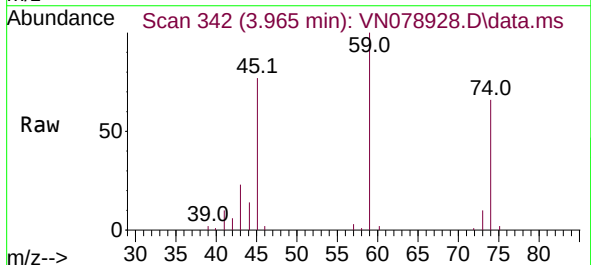
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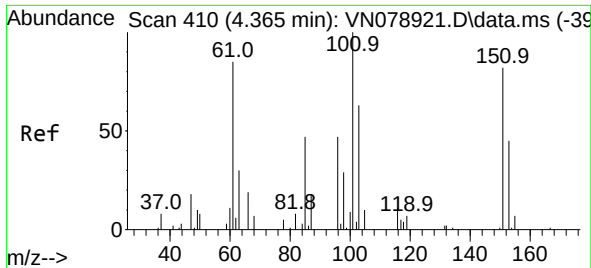
Tgt Ion:101 Resp: 86759
 Ion Ratio Lower Upper
 101 100
 103 67.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 19.714 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

Tgt Ion: 74 Resp: 32257
 Ion Ratio Lower Upper
 74 100
 45 102.6 21.3 191.9

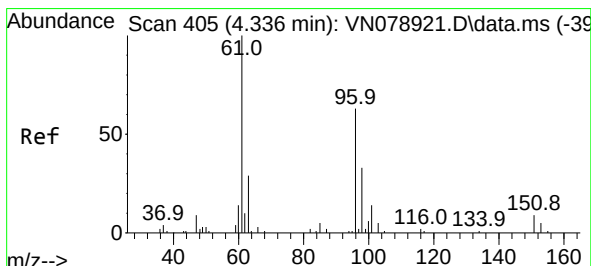
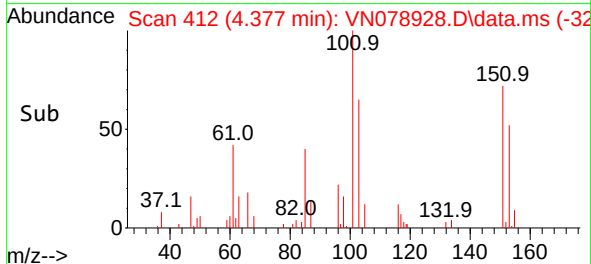
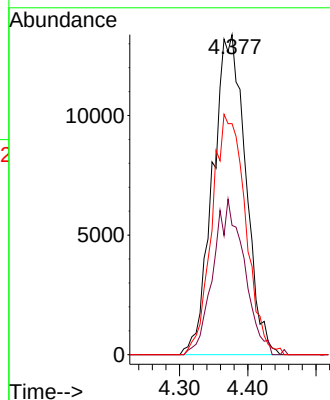
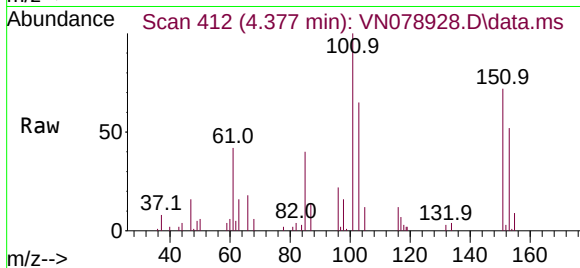




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.764 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

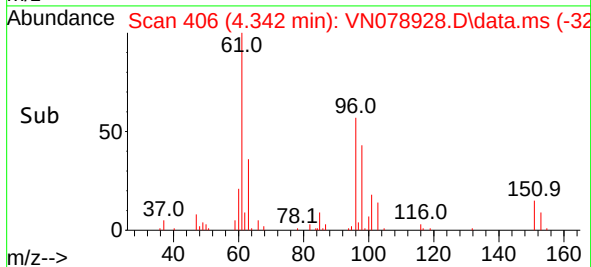
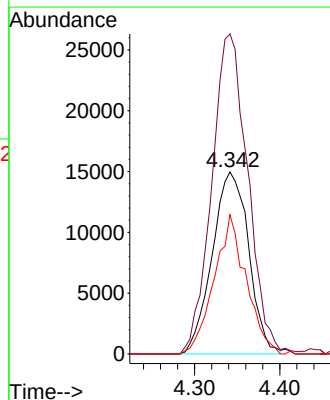
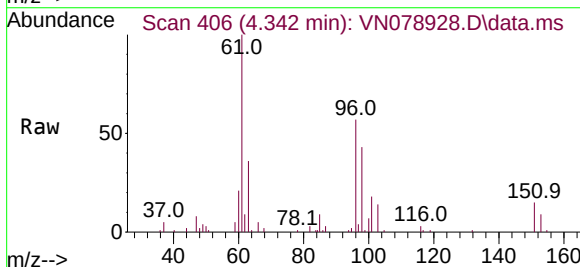
Instrument :
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ClientSampleId :

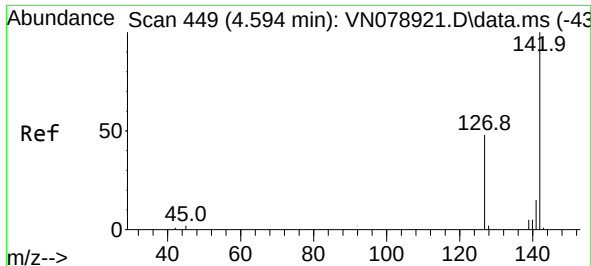
Tgt Ion:101 Resp: 44907
Ion Ratio Lower Upper
101 100
85 45.8 0.0 65.4
151 76.7 0.0 156.8



#10
1,1-Dichloroethene
Concen: 19.479 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

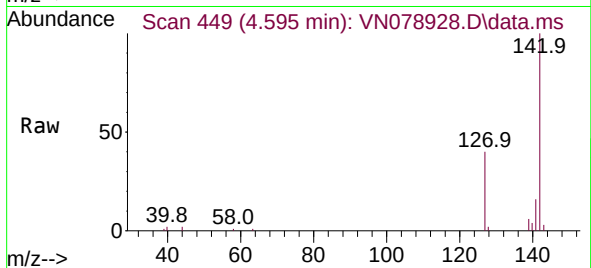
Tgt Ion: 96 Resp: 44526
Ion Ratio Lower Upper
96 100
61 175.9 126.2 189.4
98 76.5 41.7 62.5#



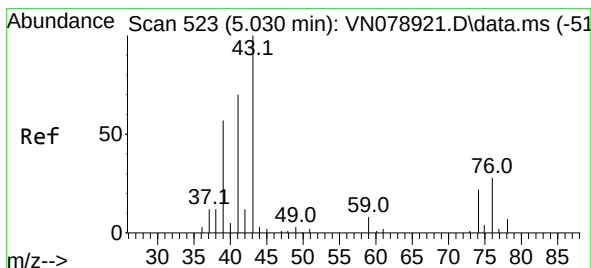
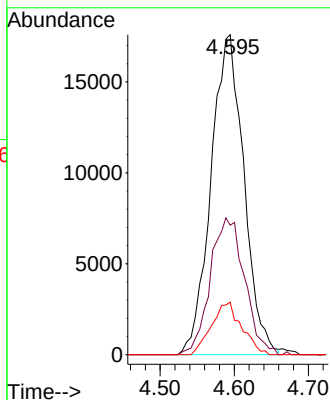
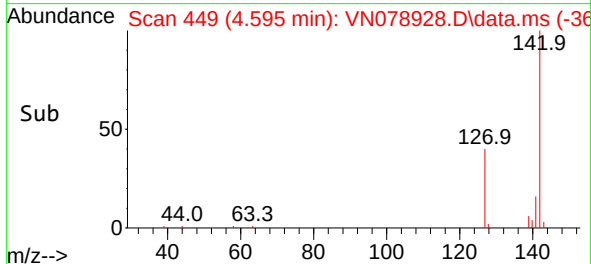


#11
Methyl Iodide
Concen: 19.691 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :

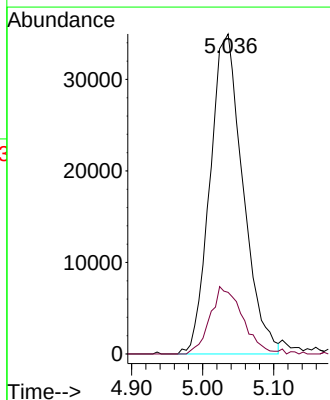
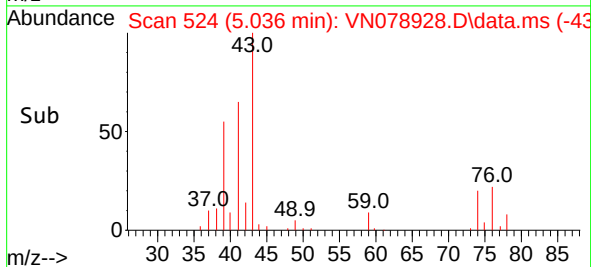
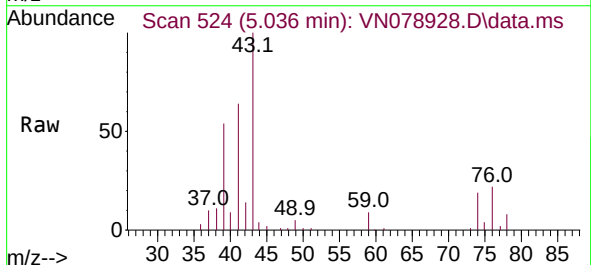


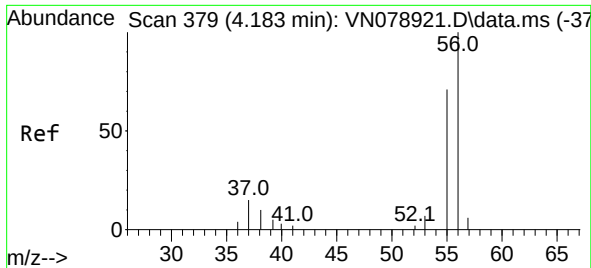
Tgt Ion:142 Resp: 54315
Ion Ratio Lower Upper
142 100
127 40.8 24.3 72.9
141 15.7 7.3 22.0



#12
Methyl Acetate
Concen: 20.999 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 43 Resp: 112509
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3





#13

Acrolein

Concen: 79.618 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

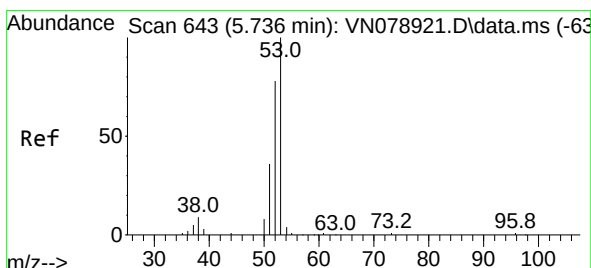
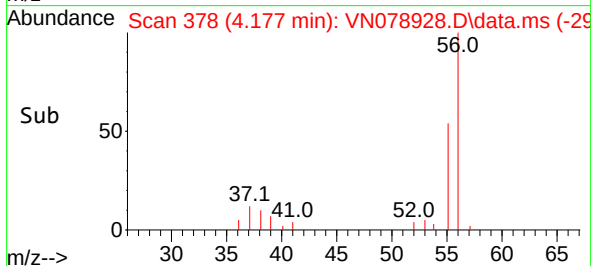
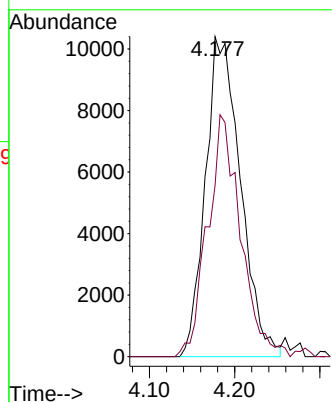
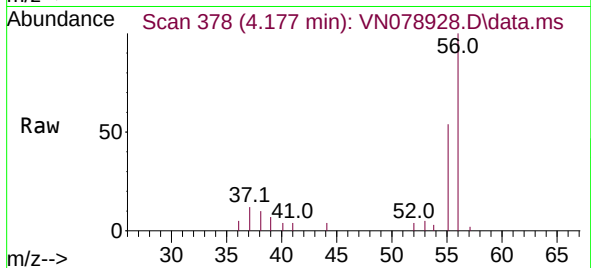
ClientSampleId :

Tgt Ion: 56 Resp: 29733

Ion Ratio Lower Upper

56 100

55 70.3 54.5 81.7



#14

Acrylonitrile

Concen: 103.566 ug/l

RT: 5.724 min Scan# 641

Delta R.T. -0.012 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

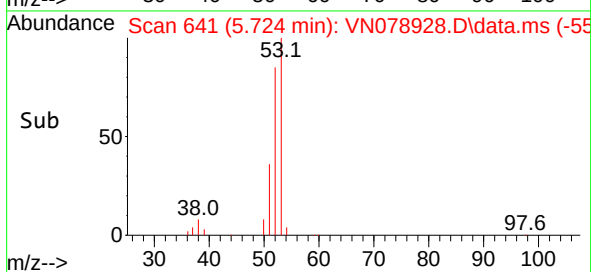
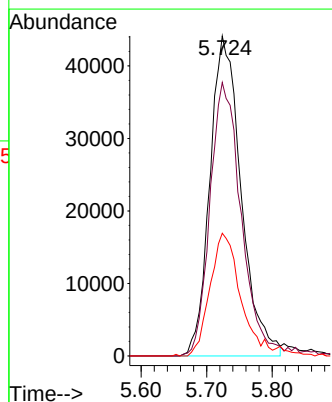
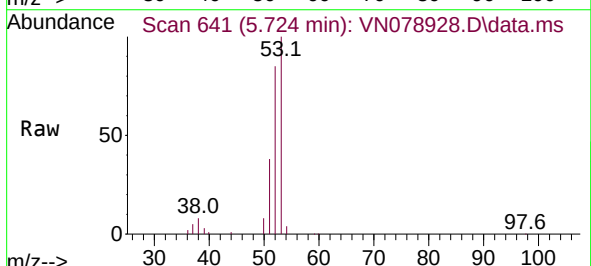
Tgt Ion: 53 Resp: 145867

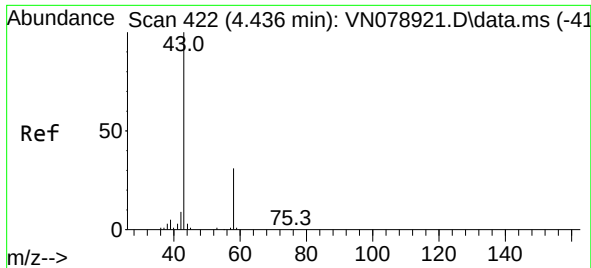
Ion Ratio Lower Upper

53 100

52 84.9 41.9 125.6

51 36.2 10.1 30.1#





#15

Acetone

Concen: 96.799 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

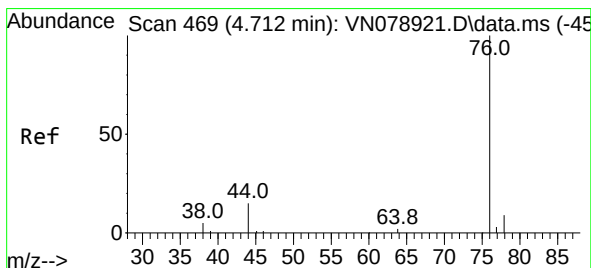
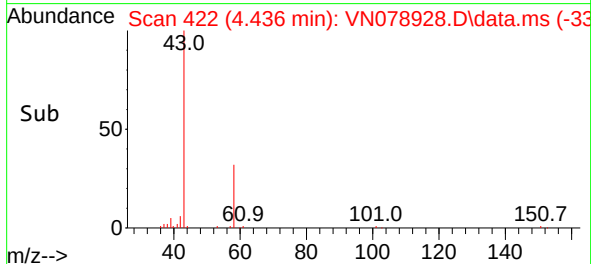
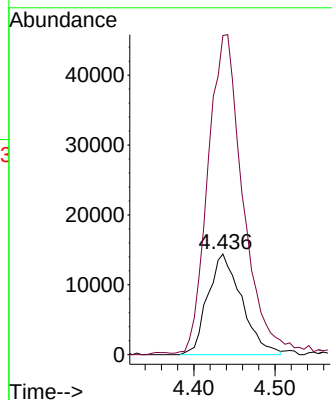
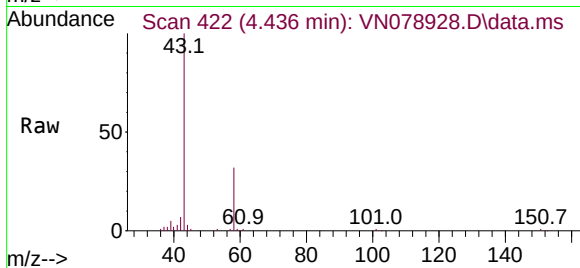
ClientSampleId :

Tgt Ion: 58 Resp: 41822

Ion Ratio Lower Upper

58 100

43 314.4 260.6 390.8



#16

Carbon Disulfide

Concen: 19.378 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN078928.D

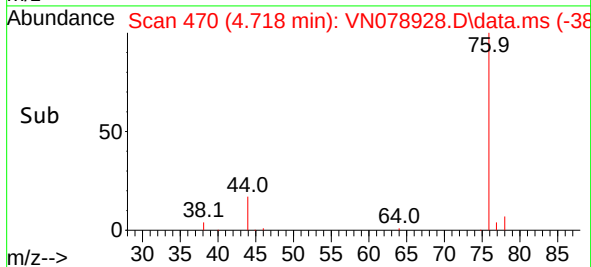
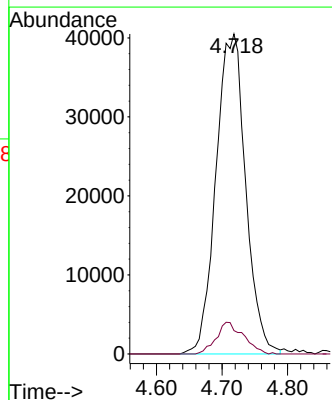
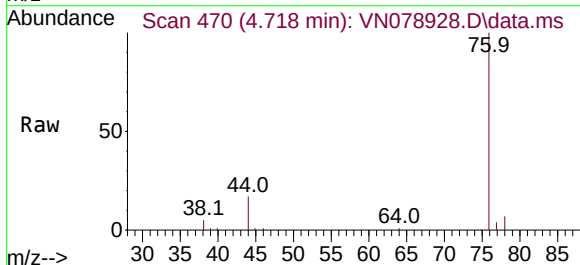
Acq: 17 Aug 2023 16:04

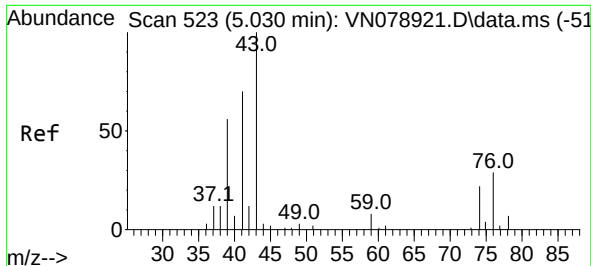
Tgt Ion: 76 Resp: 127276

Ion Ratio Lower Upper

76 100

78 7.3 7.0 10.6





#17

Allyl chloride

Concen: 19.055 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

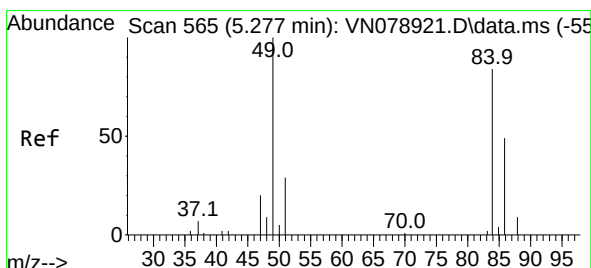
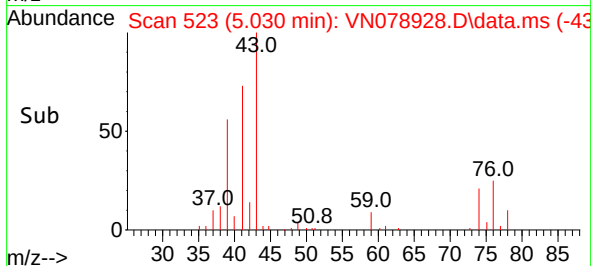
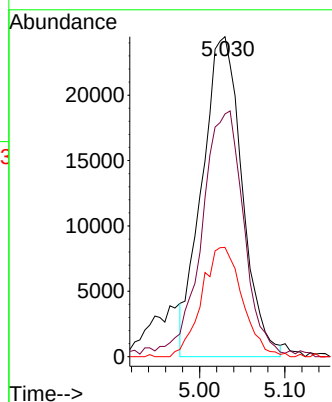
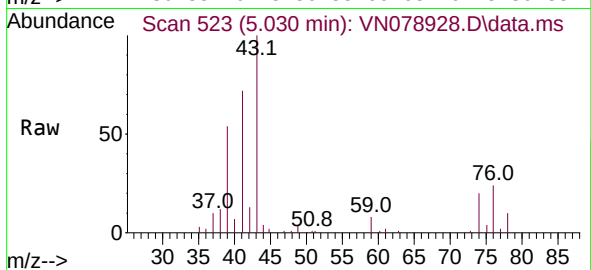
Tgt Ion: 41 Resp: 79835

Ion Ratio Lower Upper

41 100

39 77.2 36.9 110.7

76 34.7 17.3 51.9



#18

Methylene Chloride

Concen: 19.098 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion: 84 Resp: 52188

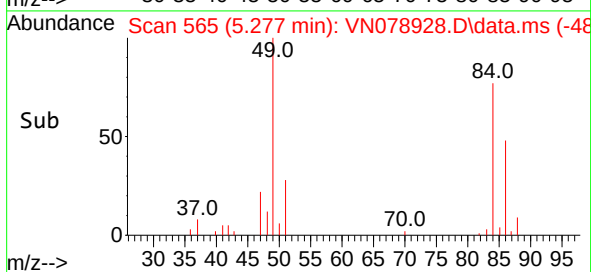
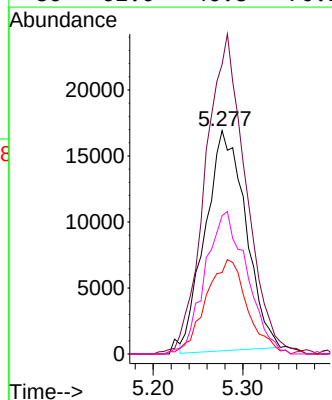
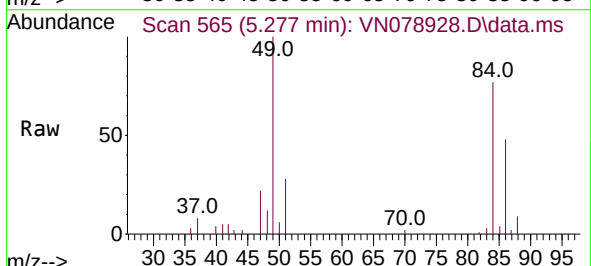
Ion Ratio Lower Upper

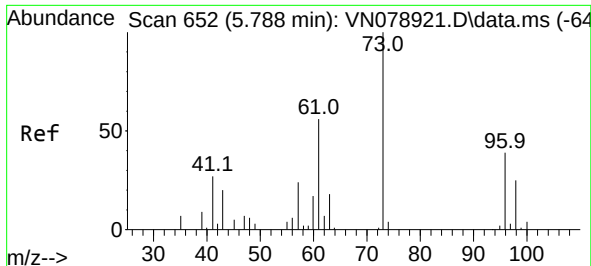
84 100

49 127.9 95.8 143.6

51 36.1 28.6 43.0

86 62.0 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 19.205 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

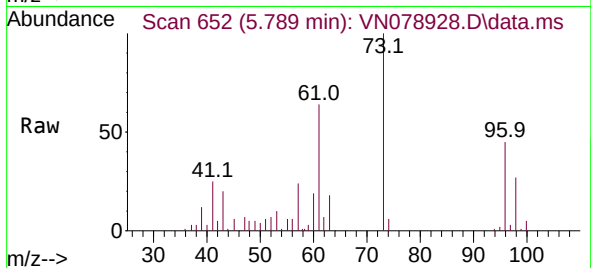
Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :



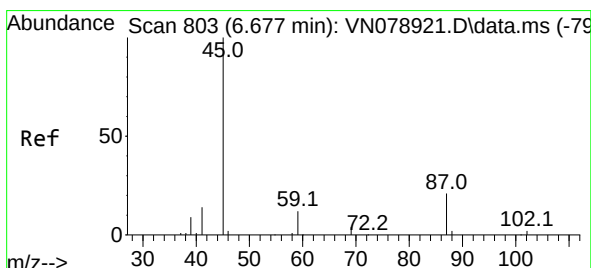
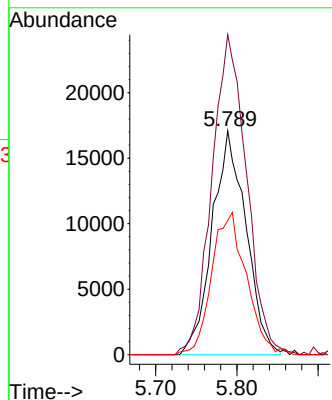
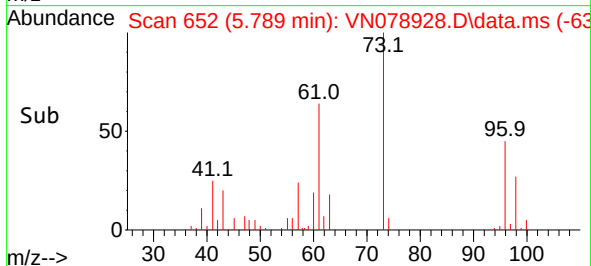
Tgt Ion: 96 Resp: 49409

Ion Ratio Lower Upper

96 100

61 140.4 114.0 171.0

98 58.6 50.6 76.0



#20

Diisopropyl ether

Concen: 20.699 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion: 45 Resp: 188643

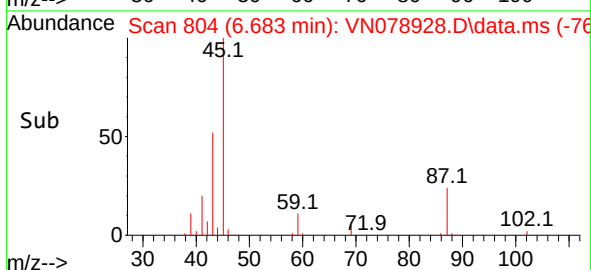
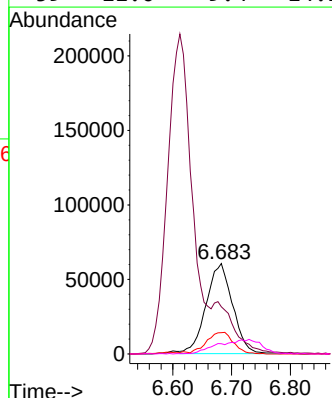
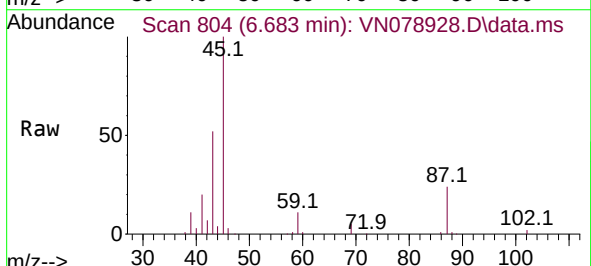
Ion Ratio Lower Upper

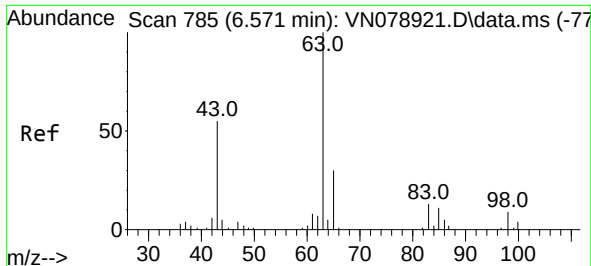
45 100

43 50.5 37.4 56.2

87 23.7 17.3 25.9

59 11.0 9.4 14.2





#21

1,1-Dichloroethane

Concen: 20.402 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

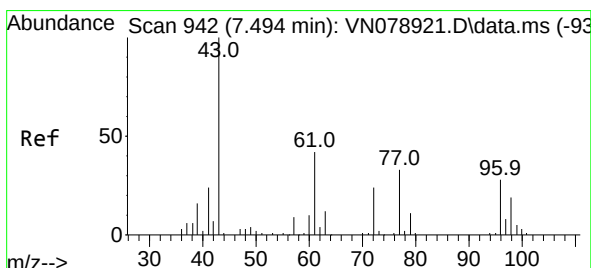
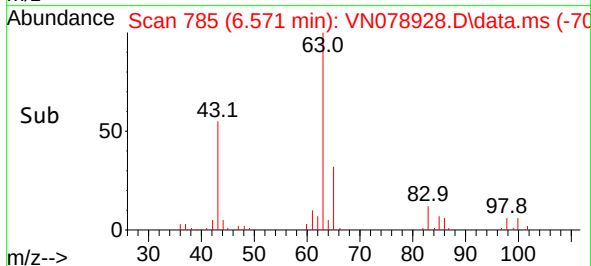
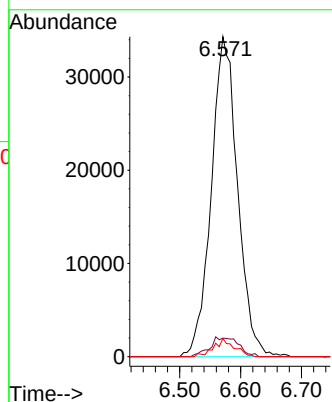
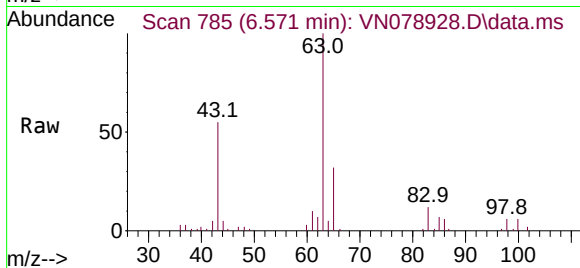
Tgt Ion: 63 Resp: 103175

Ion Ratio Lower Upper

63 100

98 5.8 4.4 13.2

100 5.7 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 20.117 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

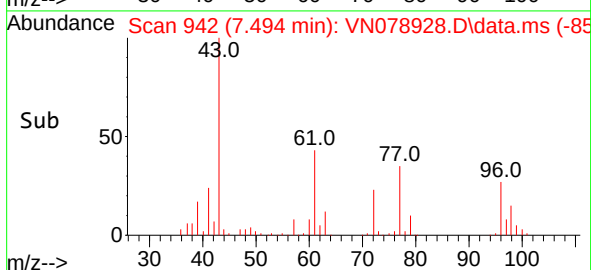
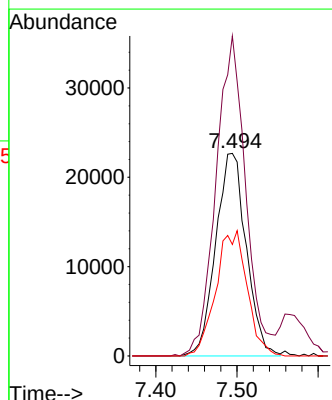
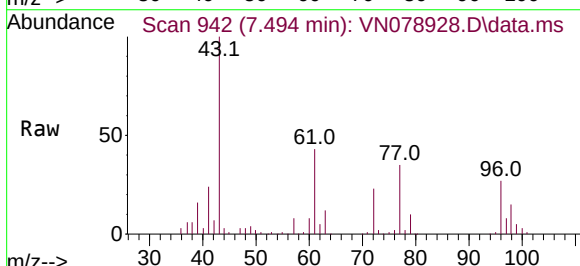
Tgt Ion: 96 Resp: 59234

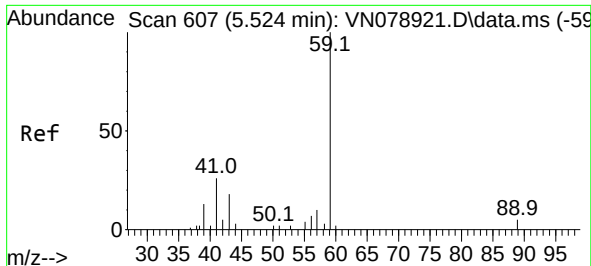
Ion Ratio Lower Upper

96 100

61 154.1 121.8 182.6

98 36.9 50.7 76.1#

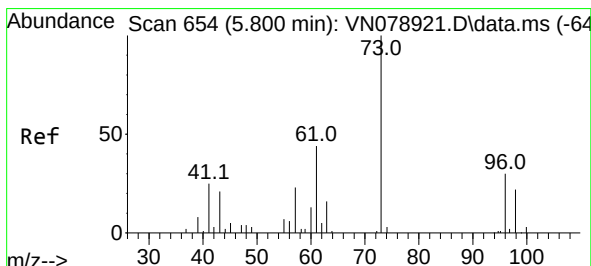
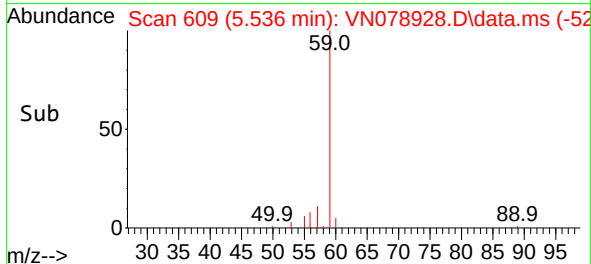
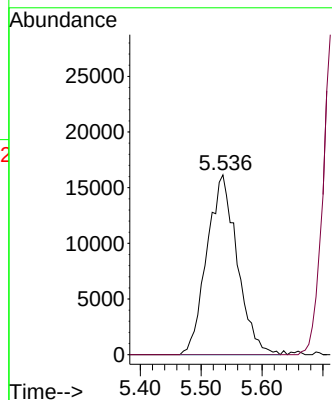
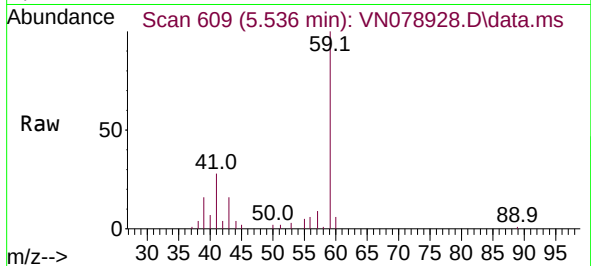




#23
tert-Butyl Alcohol
Concen: 106.352 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

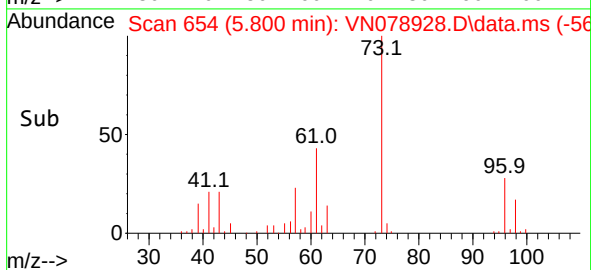
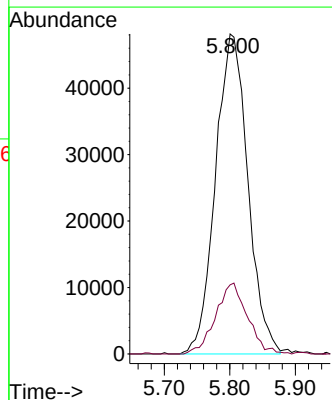
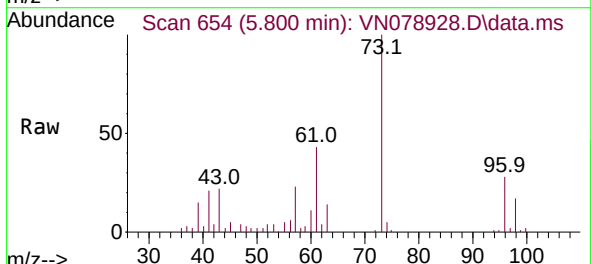
Instrument :
MSVOA_N
ClientSampleId :

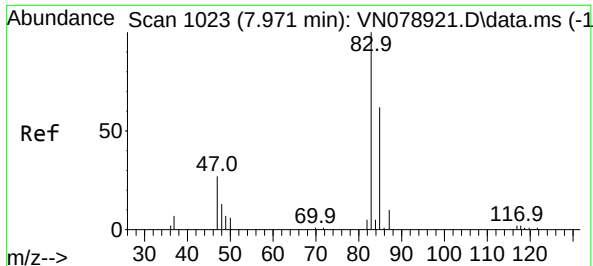
Tgt Ion: 59 Resp: 55874
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.330 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 73 Resp: 164962
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9





#25

Chloroform

Concen: 19.963 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

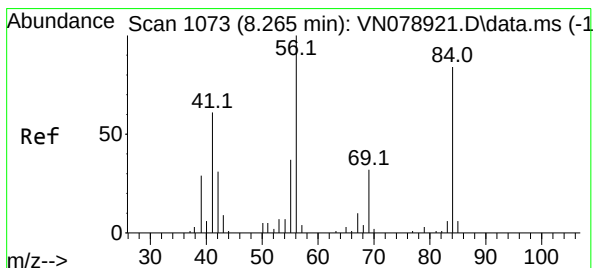
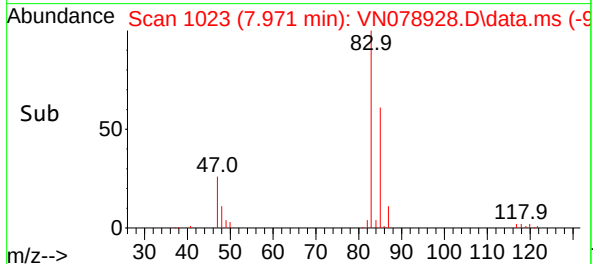
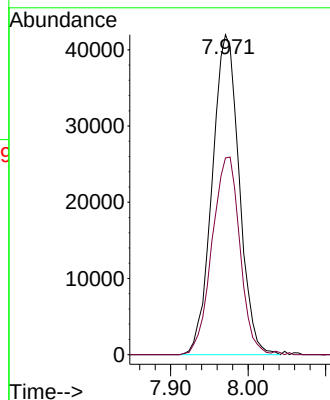
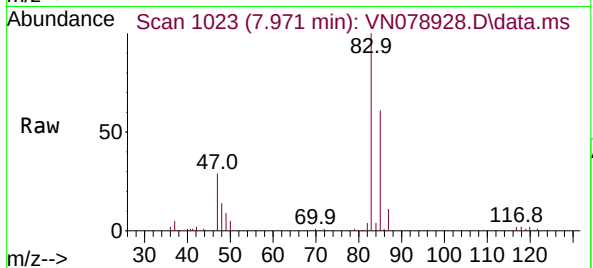
ClientSampleId :

Tgt Ion: 83 Resp: 101703

Ion Ratio Lower Upper

83 100

85 61.5 49.6 74.4



#26

Cyclohexane

Concen: 20.292 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

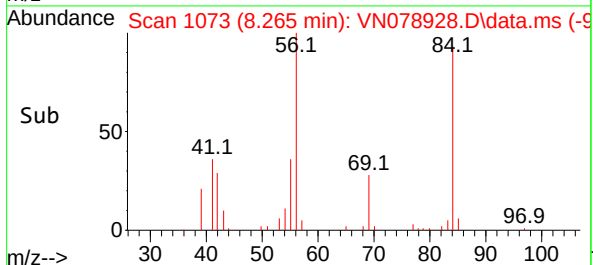
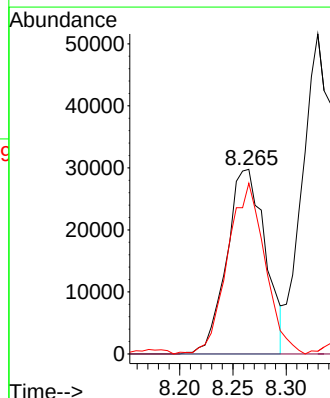
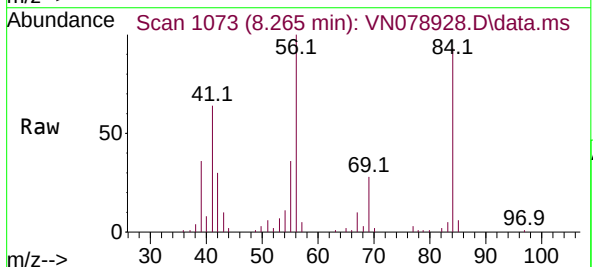
Tgt Ion: 56 Resp: 75066

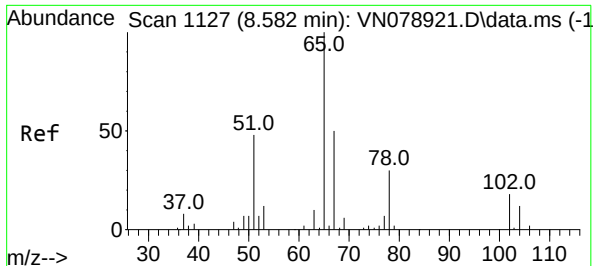
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.2 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.836 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

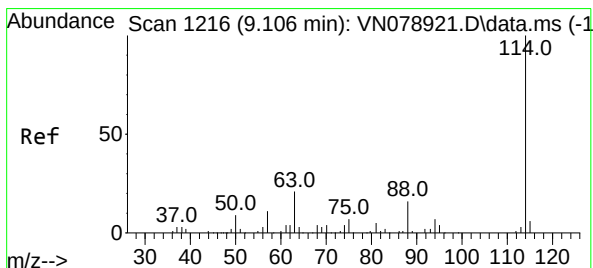
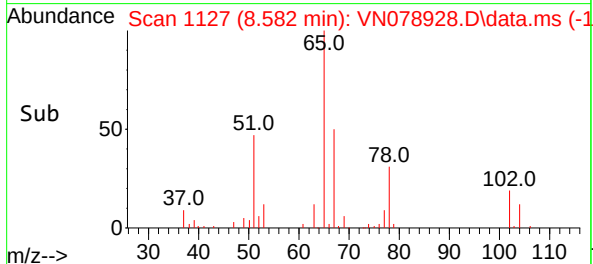
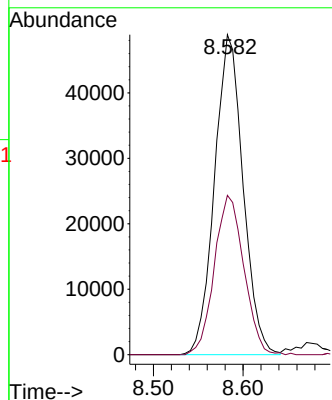
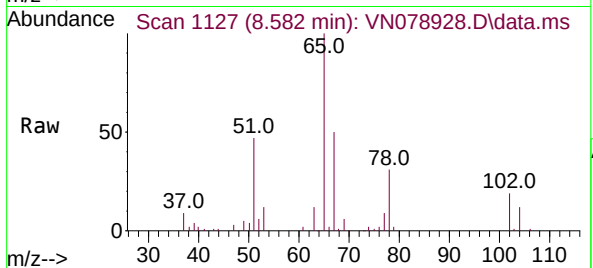
ClientSampleId :

Tgt Ion: 65 Resp: 107810

Ion Ratio Lower Upper

65 100

67 51.5 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: VN078928.D

Acq: 17 Aug 2023 16:04

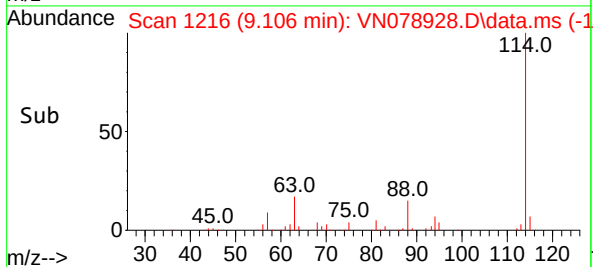
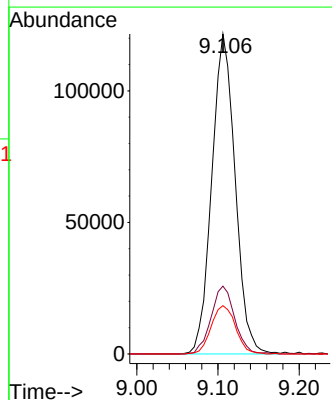
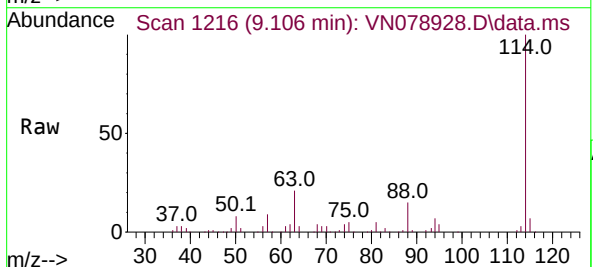
Tgt Ion: 114 Resp: 243169

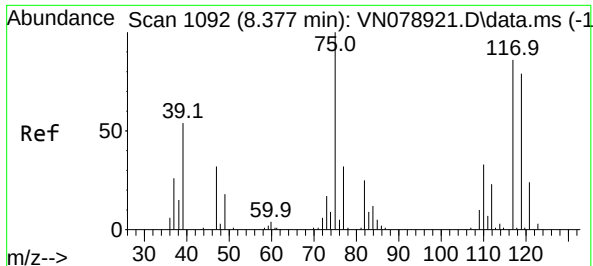
Ion Ratio Lower Upper

114 100

63 21.4 17.4 26.2

88 15.7 12.0 18.0





#29

1,1-Dichloropropene

Concen: 20.630 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

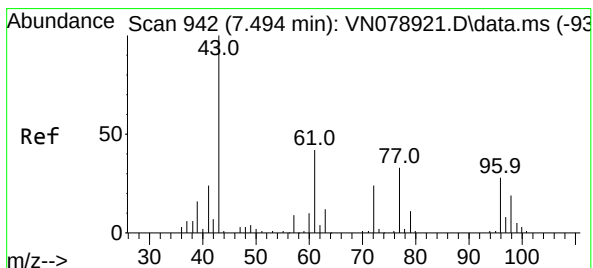
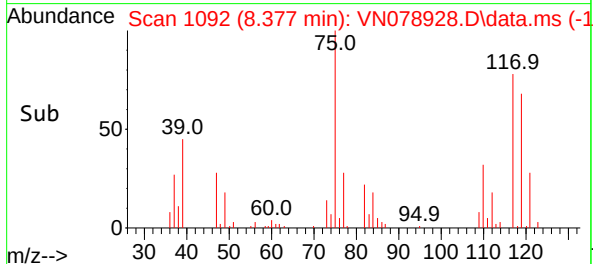
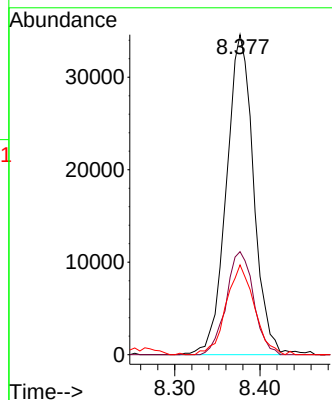
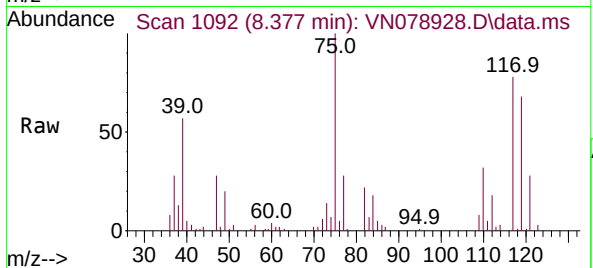
Tgt Ion: 75 Resp: 76313

Ion Ratio Lower Upper

75 100

110 32.5 0.0 65.8

77 29.1 0.0 60.4



#30

2-Butanone

Concen: 101.784 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

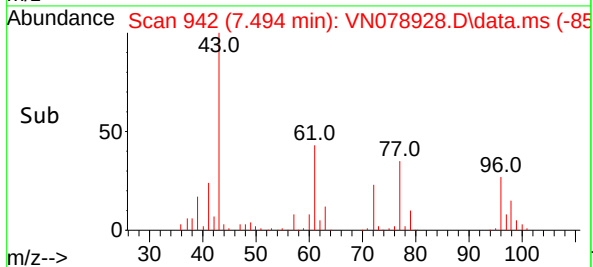
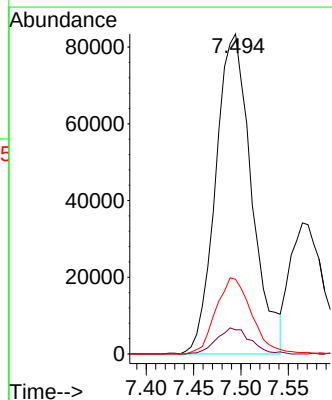
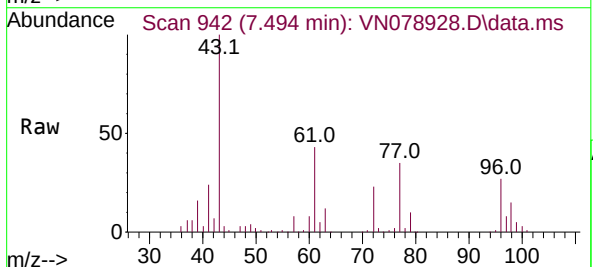
Tgt Ion: 43 Resp: 220414

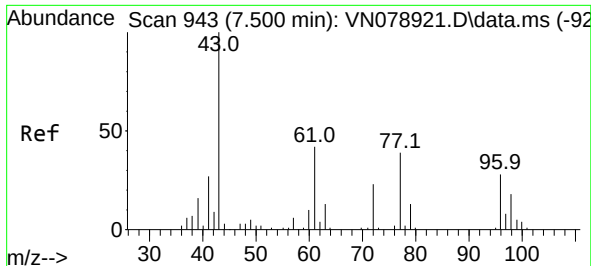
Ion Ratio Lower Upper

43 100

57 7.6 6.2 9.4

72 23.6 19.4 29.2

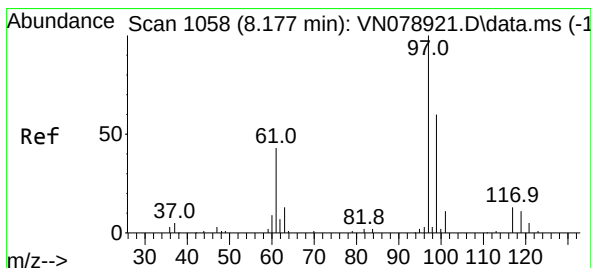
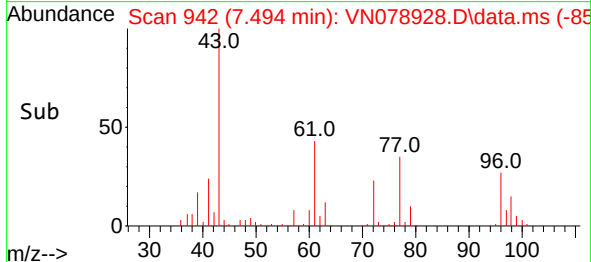
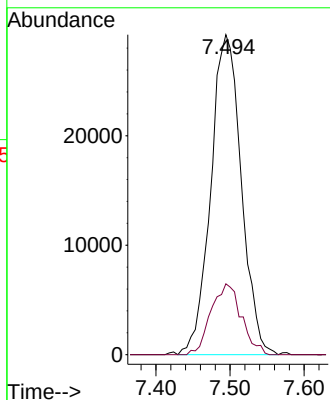
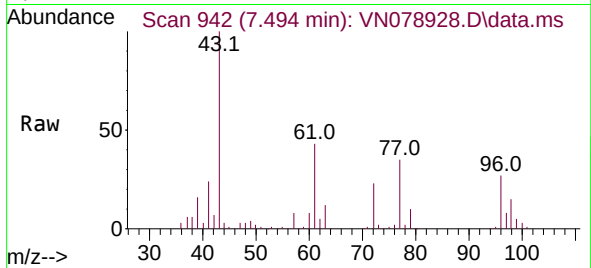




#31
2,2-Dichloropropane
Concen: 20.447 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

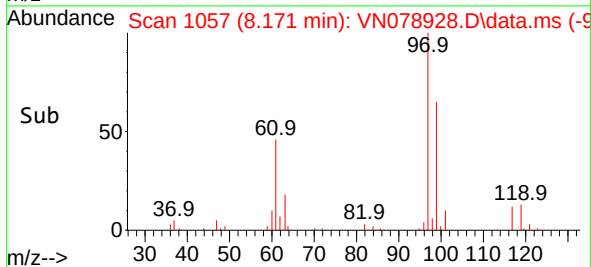
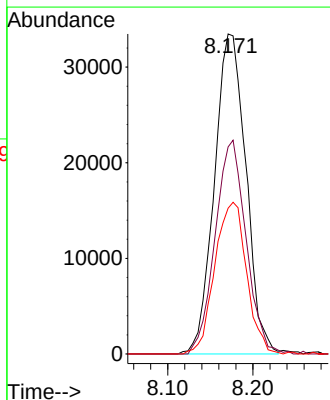
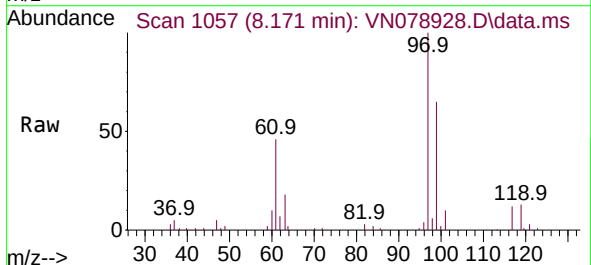
Instrument :
MSVOA_N
ClientSampleId :

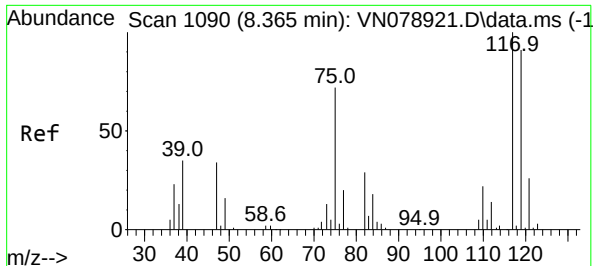
Tgt Ion: 77 Resp: 83593
Ion Ratio Lower Upper
77 100
97 21.7 17.6 26.4



#32
1,1,1-Trichloroethane
Concen: 19.487 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 97 Resp: 86061
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 47.7 37.0 55.6

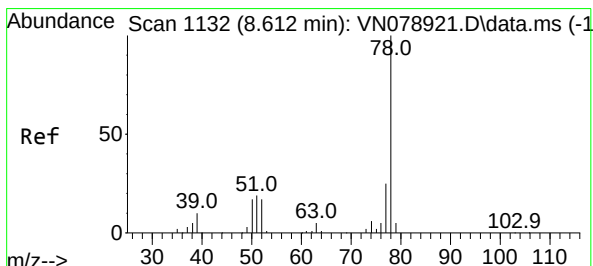
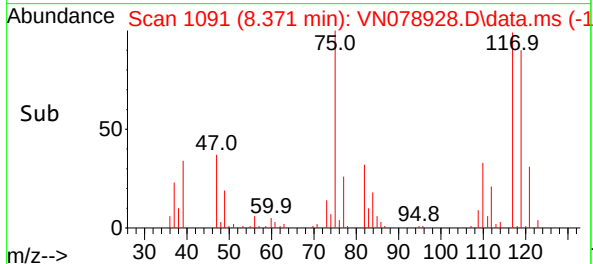
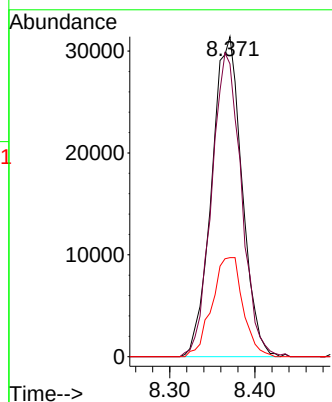
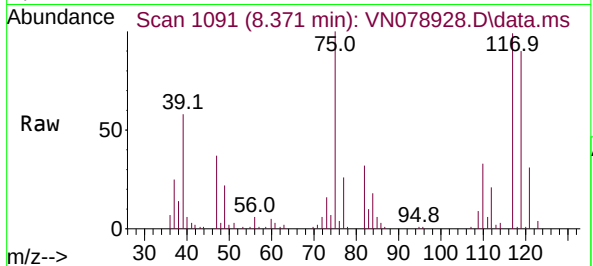




#33
Carbon Tetrachloride
Concen: 20.275 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

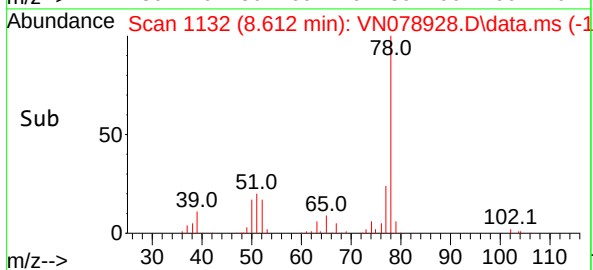
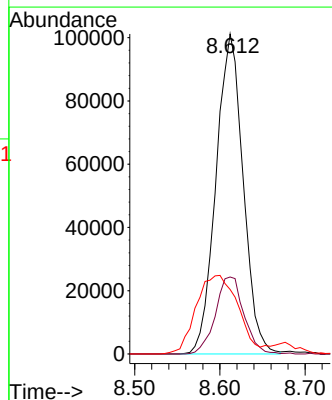
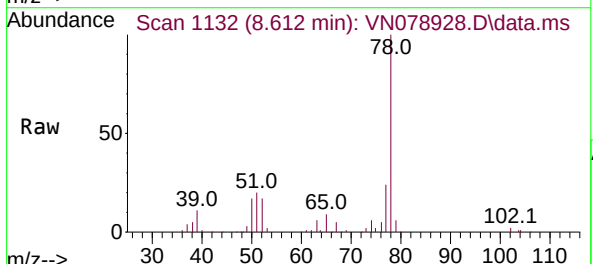
Instrument :
MSVOA_N
ClientSampleId :

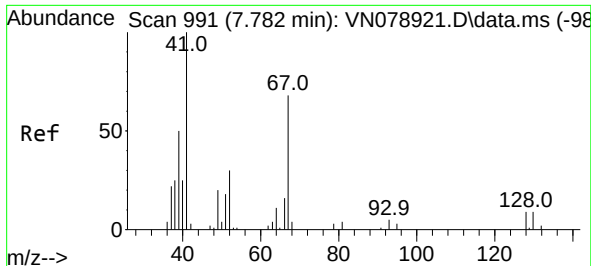
Tgt Ion:117 Resp: 77562
Ion Ratio Lower Upper
117 100
119 91.5 72.6 108.8
121 30.9 20.7 31.1



#34
Benzene
Concen: 20.201 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 78 Resp: 223937
Ion Ratio Lower Upper
78 100
77 24.0 19.9 29.9
51 18.6 14.8 22.2

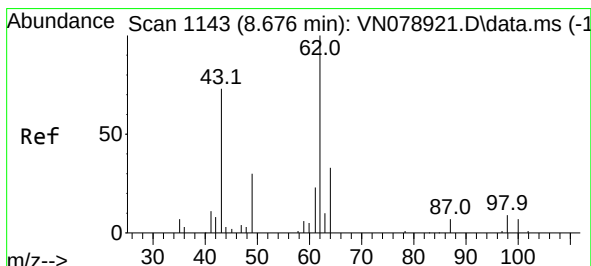
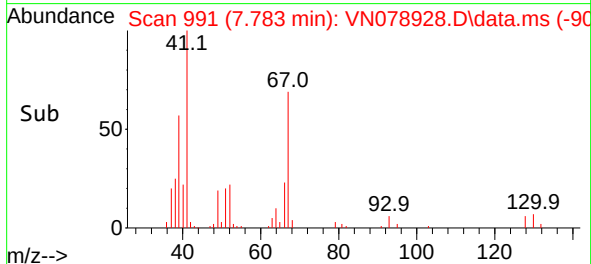
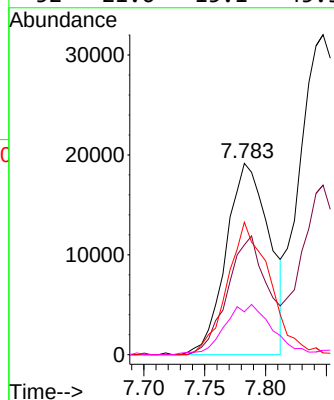
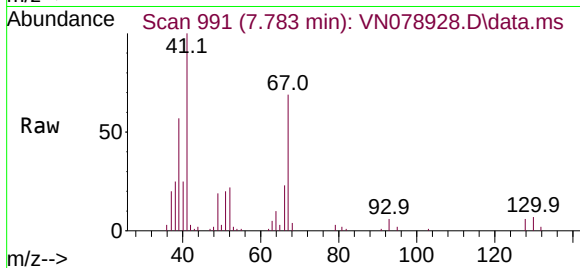




#35
Methacrylonitrile
Concen: 20.568 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

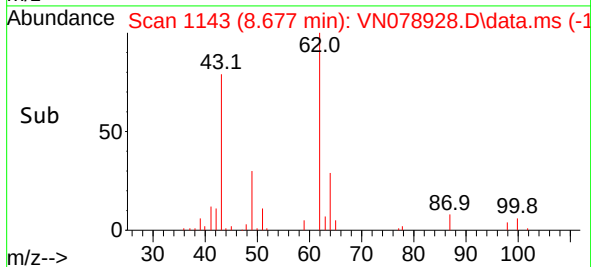
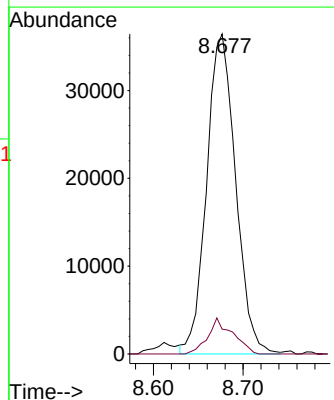
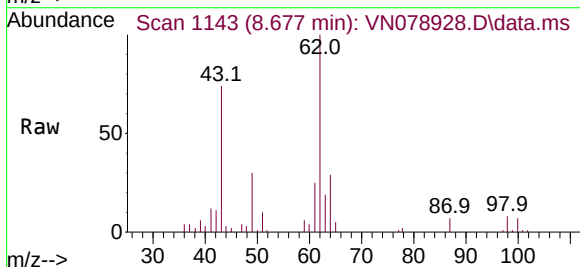
Instrument :
MSVOA_N
ClientSampleId :

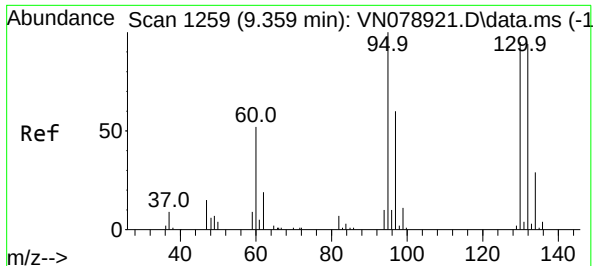
Tgt Ion:	41	Resp:	47471
Ion	Ratio	Lower	Upper
41	100		
39	57.3	25.0	75.0
67	69.2	34.0	102.0
52	21.6	15.1	45.3



#36
1,2-Dichloroethane
Concen: 19.694 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:	62	Resp:	81754
Ion	Ratio	Lower	Upper
62	100		
98	9.6	8.1	12.1





#37

Trichloroethene

Concen: 19.766 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

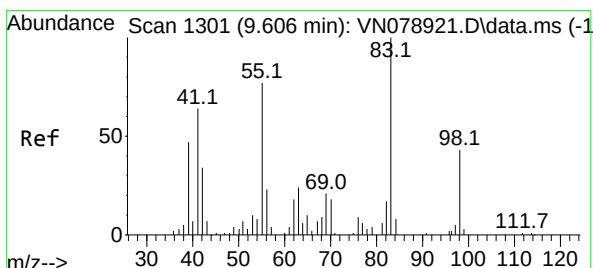
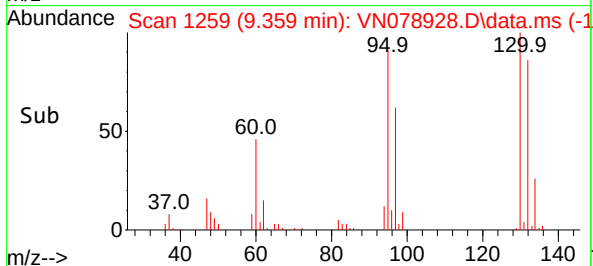
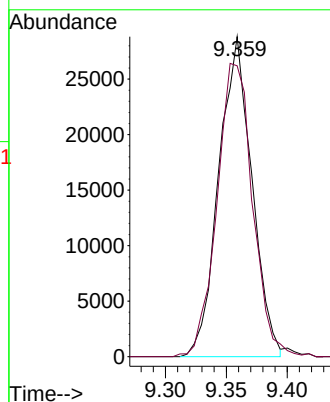
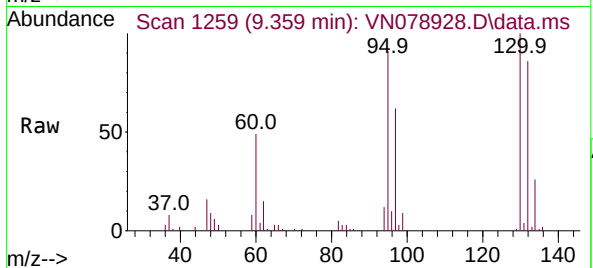
ClientSampleId :

Tgt Ion:130 Resp: 54542

Ion Ratio Lower Upper

130 100

95 90.0 84.6 127.0



#38

Methylcyclohexane

Concen: 20.353 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

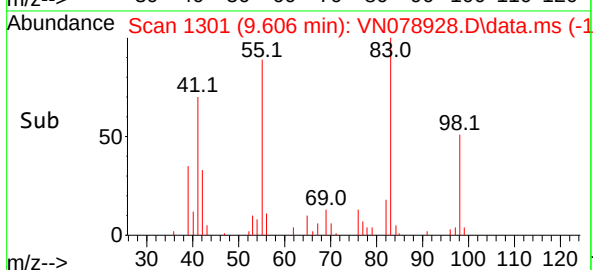
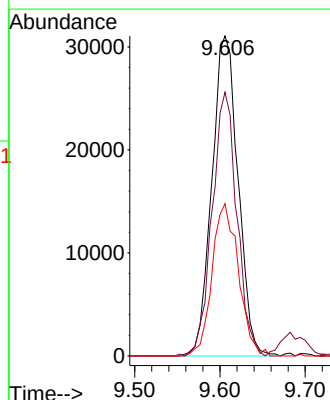
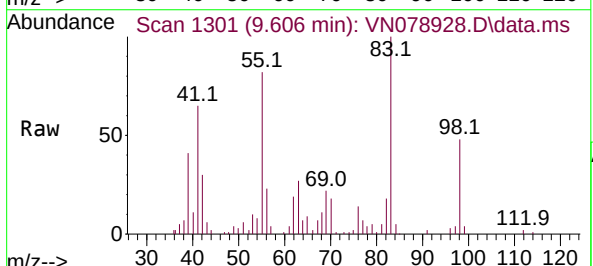
Tgt Ion: 83 Resp: 66285

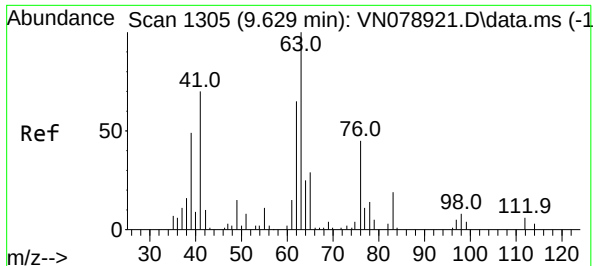
Ion Ratio Lower Upper

83 100

55 77.8 40.2 120.6

98 47.8 24.1 72.3





#39

1,2-Dichloropropane

Concen: 20.403 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

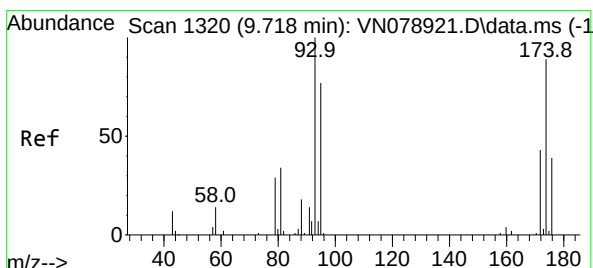
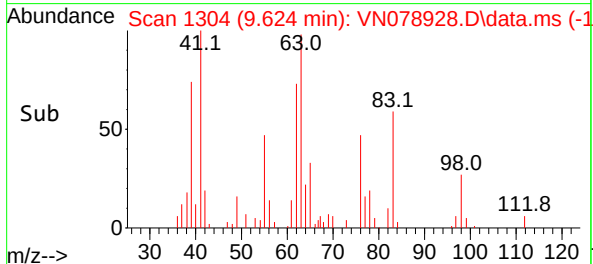
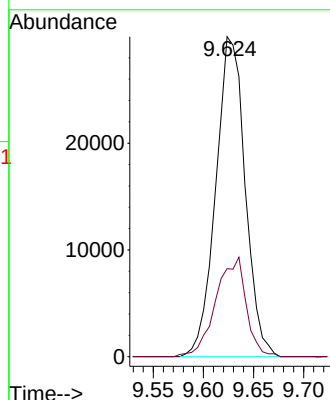
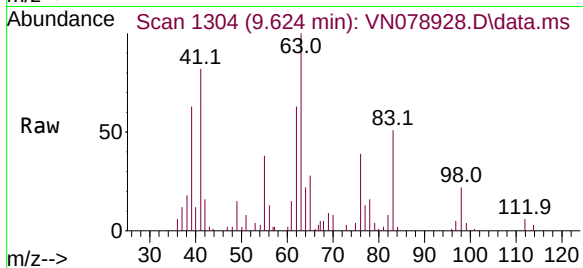
ClientSampleId :

Tgt Ion: 63 Resp: 60921

Ion Ratio Lower Upper

63 100

65 27.5 23.5 35.3



#40

Dibromomethane

Concen: 20.146 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

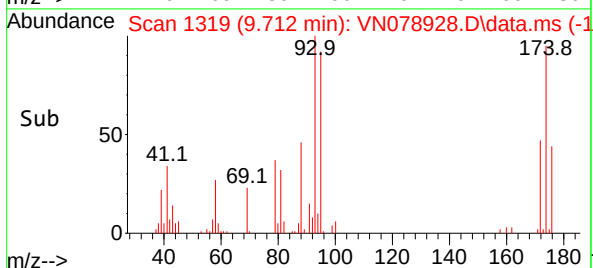
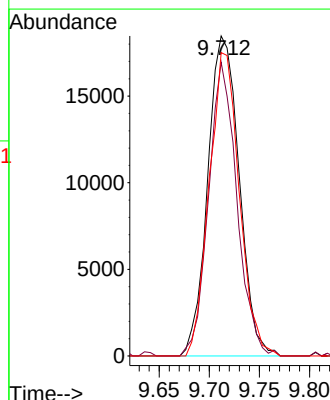
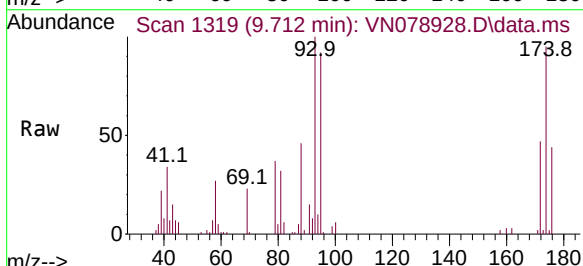
Tgt Ion: 93 Resp: 40323

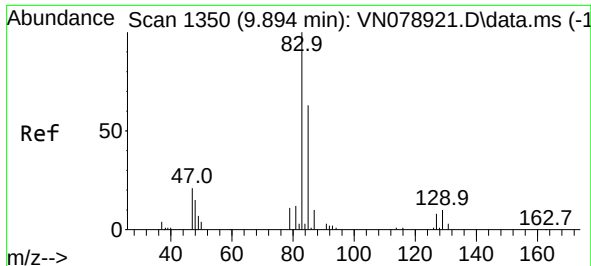
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.0

174 90.8 0.0 188.6

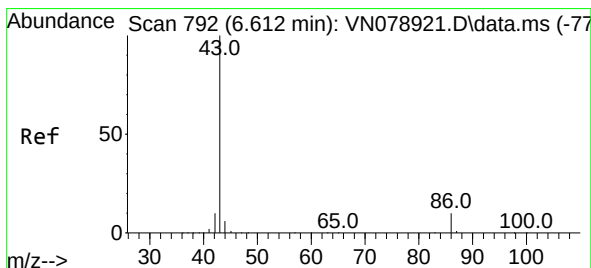
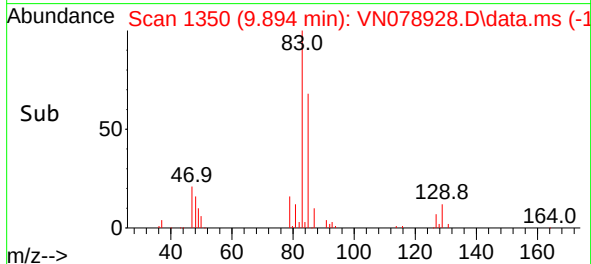
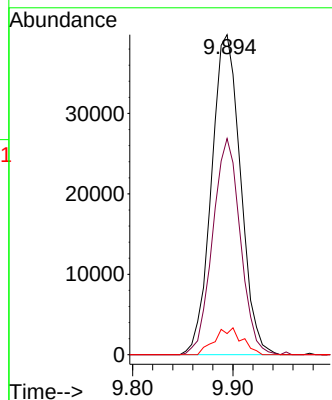
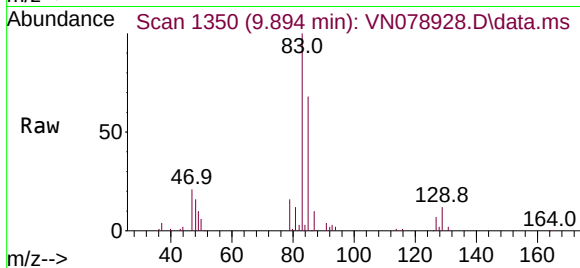




#41
Bromodichloromethane
Concen: 19.922 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

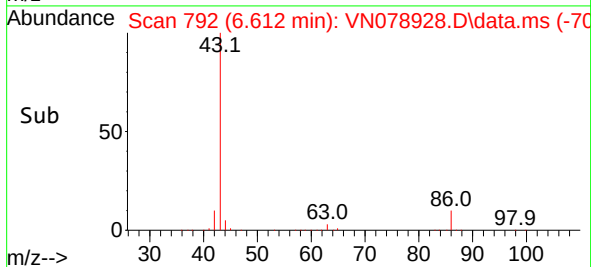
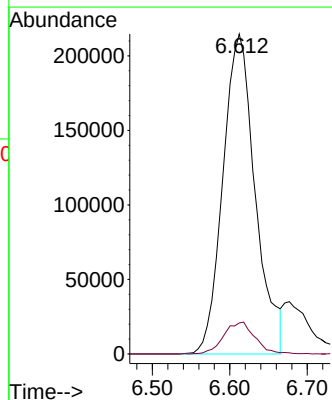
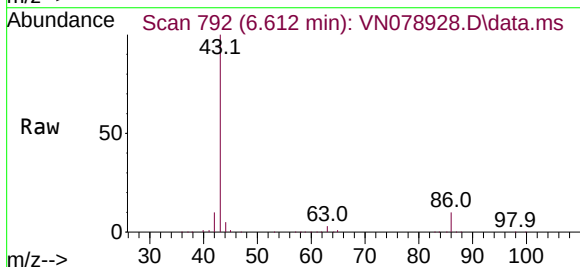
Instrument :
MSVOA_N
ClientSampleId :

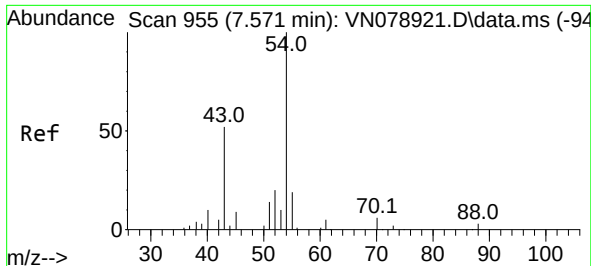
Tgt Ion: 83 Resp: 80190
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.2
127 6.6 6.2 9.4



#42
Vinyl Acetate
Concen: 102.057 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 43 Resp: 623112
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0





#43

Ethyl Acetate

Concen: 20.814 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

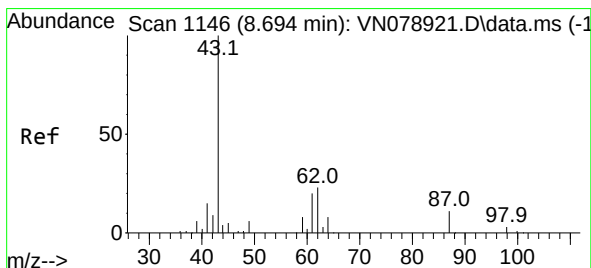
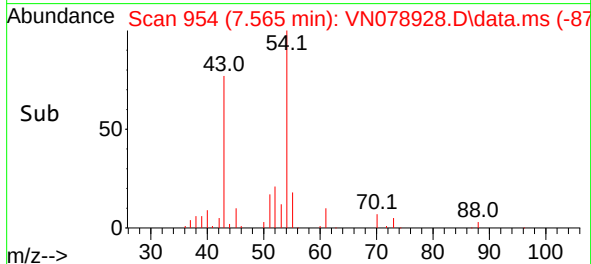
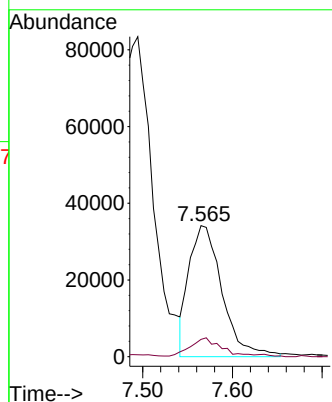
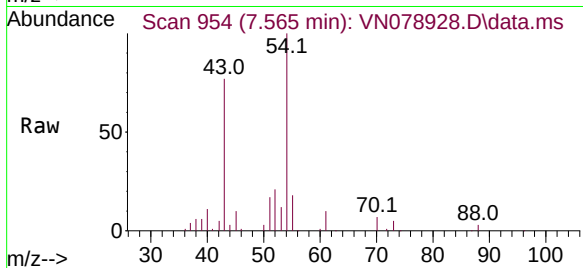
ClientSampleId :

Tgt Ion: 43 Resp: 87443

Ion Ratio Lower Upper

43 100

45 11.8 9.6 14.4



#44

Isopropyl Acetate

Concen: 19.523 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078928.D

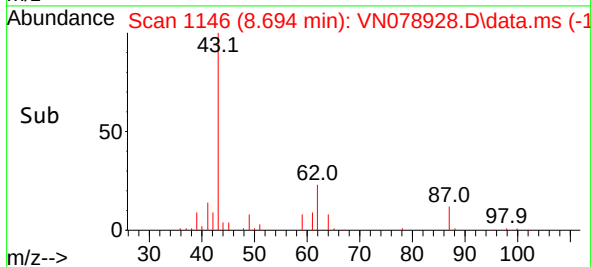
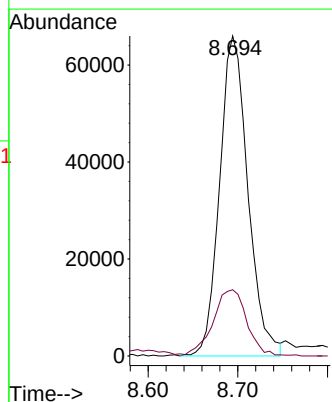
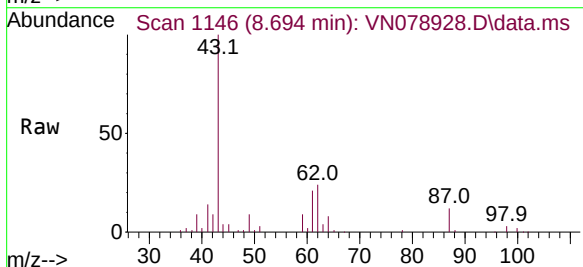
Acq: 17 Aug 2023 16:04

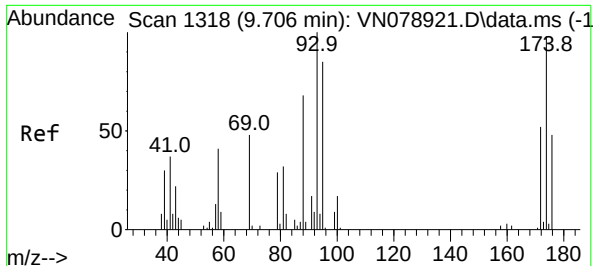
Tgt Ion: 43 Resp: 144523

Ion Ratio Lower Upper

43 100

61 24.0 19.0 28.4





#45

1,4-Dioxane

Concen: 435.848 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

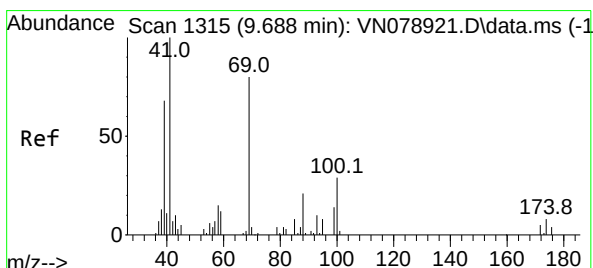
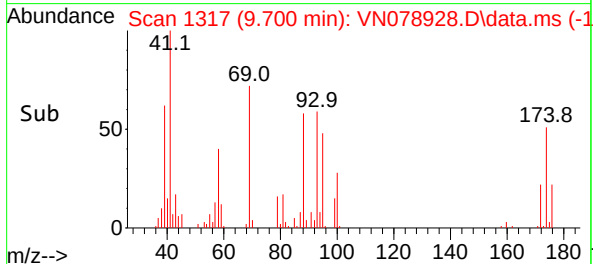
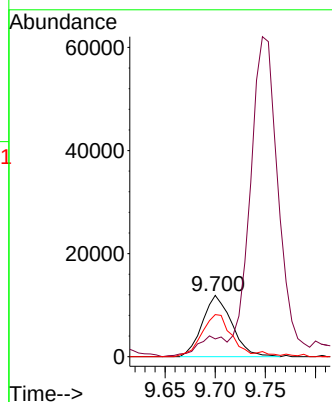
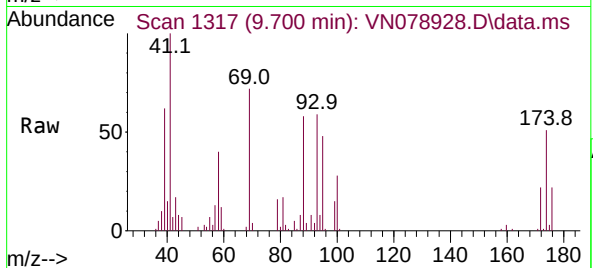
Tgt Ion: 88 Resp: 24279

Ion Ratio Lower Upper

88 100

43 32.3 28.1 42.1

58 68.3 57.0 85.4



#46

Methyl methacrylate

Concen: 20.391 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

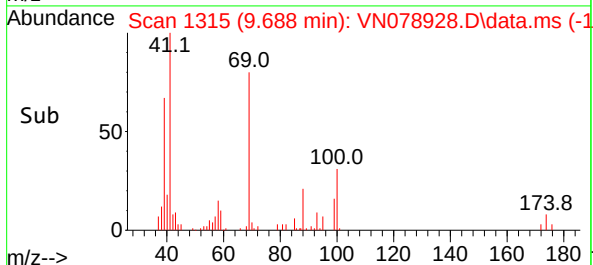
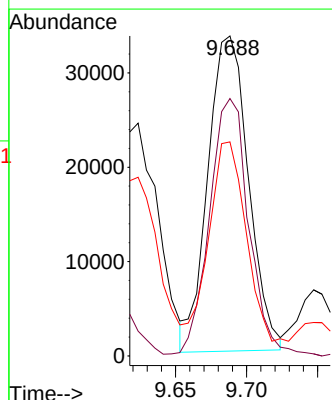
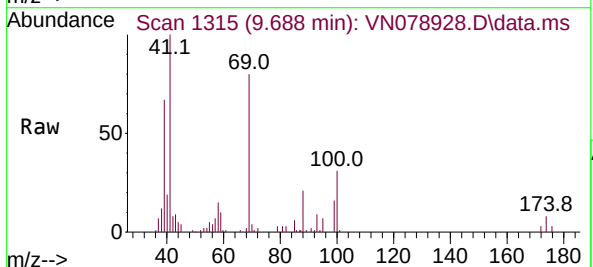
Tgt Ion: 41 Resp: 66506

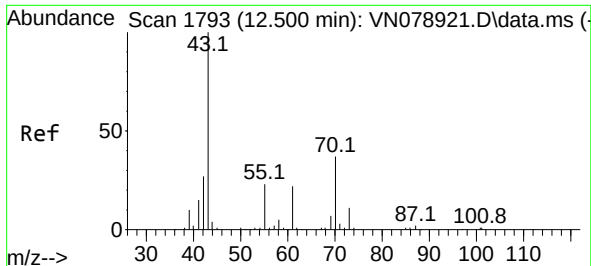
Ion Ratio Lower Upper

41 100

69 84.2 38.5 115.5

39 65.2 35.9 107.8

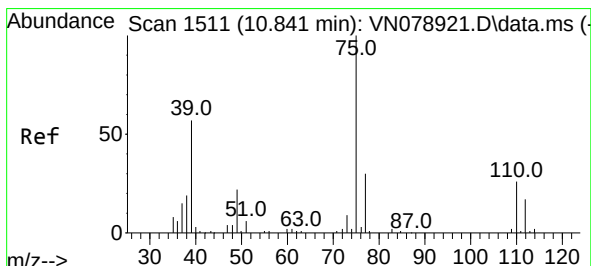
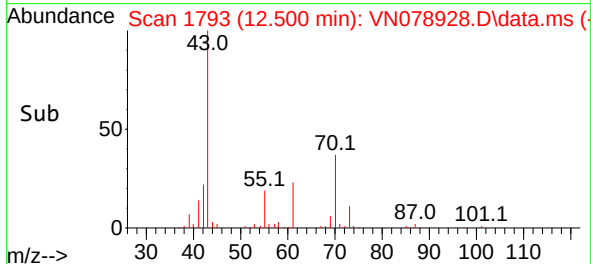
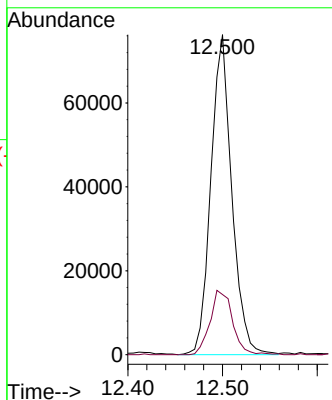
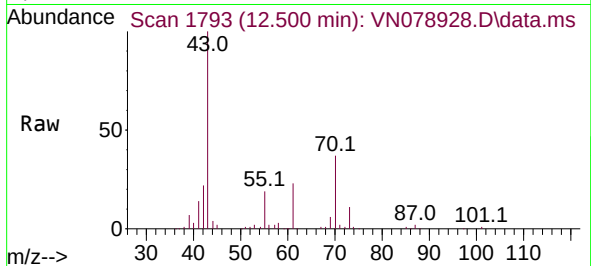




#47
n-amyl acetate
Concen: 20.571 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

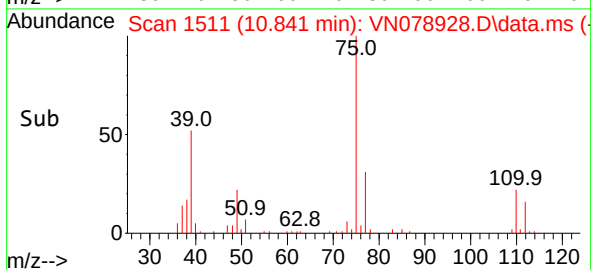
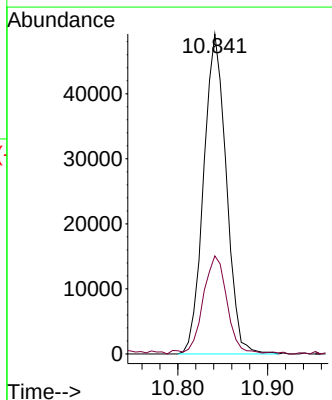
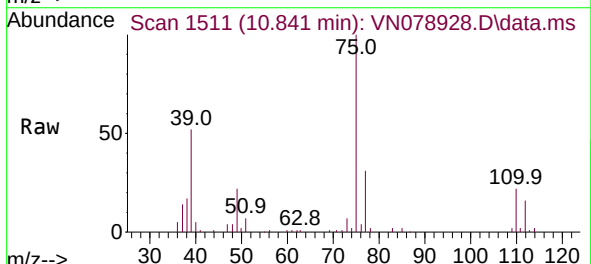
Instrument :
MSVOA_N
ClientSampleId :

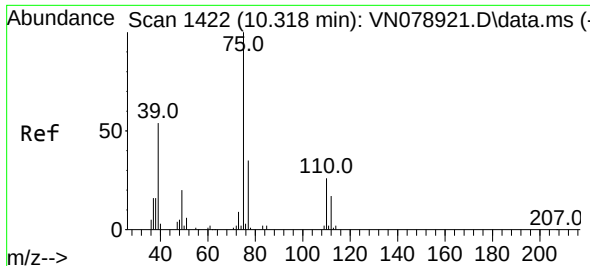
Tgt Ion: 43 Resp: 116853
Ion Ratio Lower Upper
43 100
55 21.3 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 20.101 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

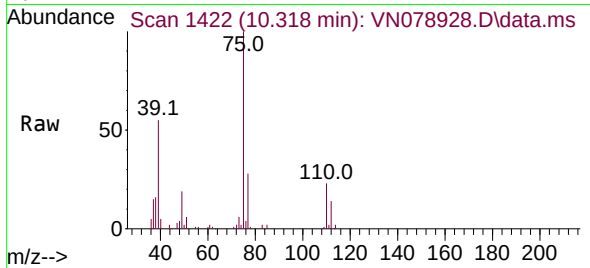
Tgt Ion: 75 Resp: 86174
Ion Ratio Lower Upper
75 100
77 30.3 23.7 35.5



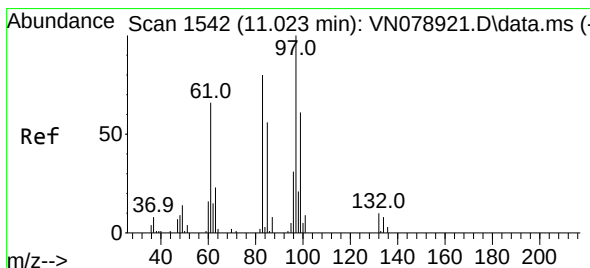
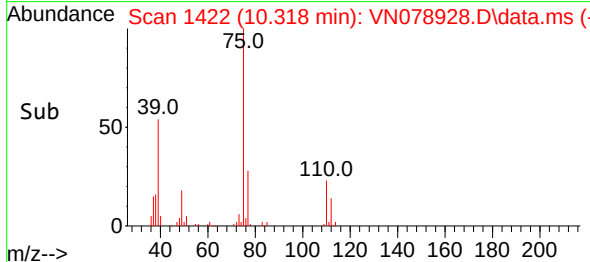
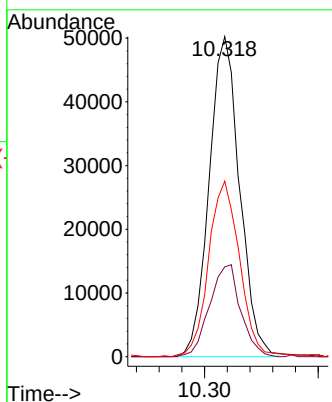


#49
 cis-1,3-Dichloropropene
 Concen: 20.405 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

Instrument :
 MSVOA_N
 ClientSampleId :

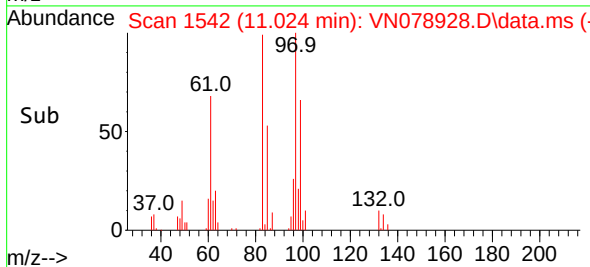
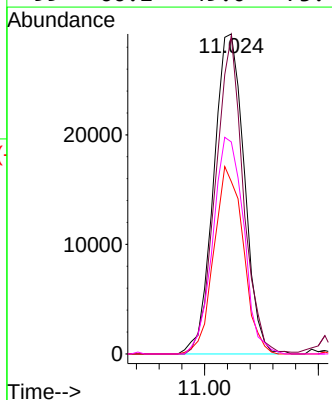
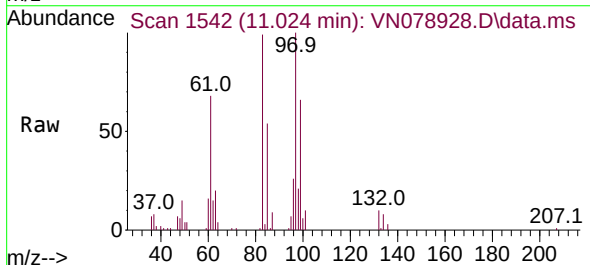


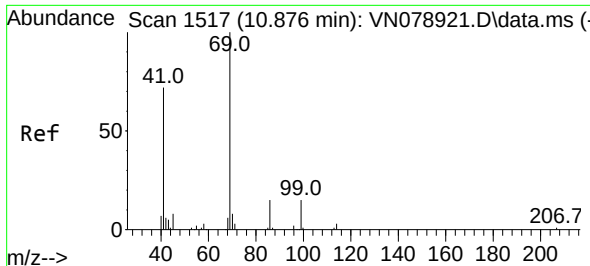
Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.1	27.8	41.8
39	54.2	43.5	65.3



#50
 1,1,2-Trichloroethane
 Concen: 20.192 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

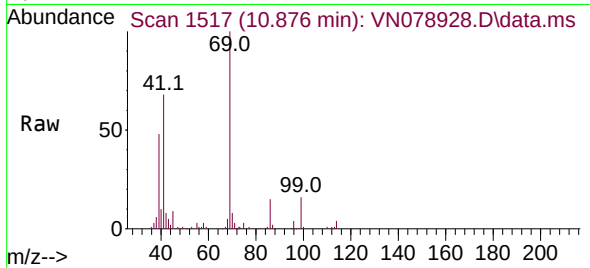
Tgt Ion	Ratio	Lower	Upper
97	100		
83	99.5	63.7	95.5
85	53.9	44.9	67.3
99	66.2	49.0	73.4



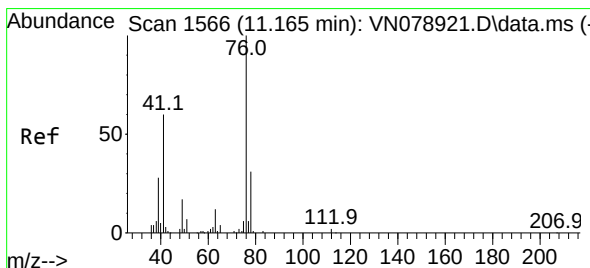
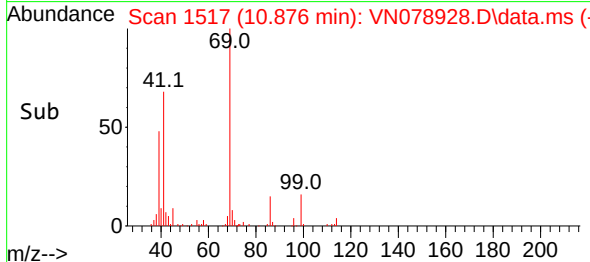
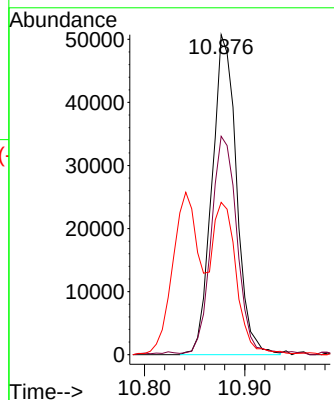


#51
Ethyl methacrylate
Concen: 20.621 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :

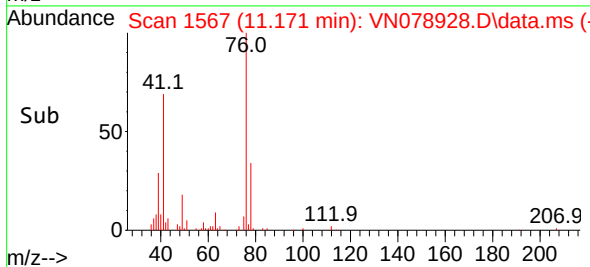
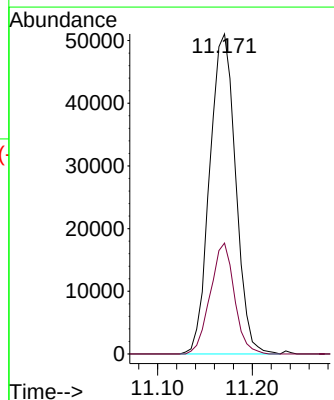
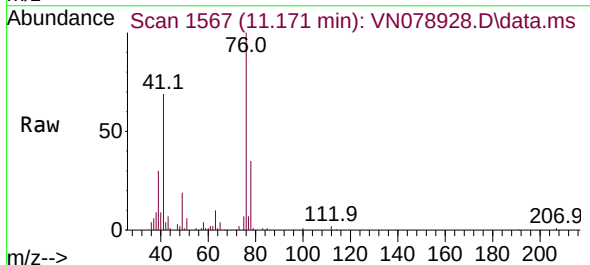


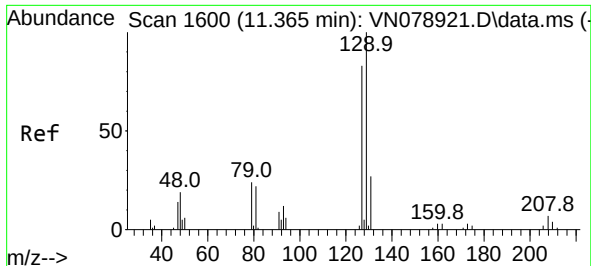
Tgt Ion: 69 Resp: 86327
Ion Ratio Lower Upper
69 100
41 67.8 35.9 107.8
39 46.6 23.5 70.5



#52
1,3-Dichloropropane
Concen: 20.074 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 76 Resp: 97251
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.6

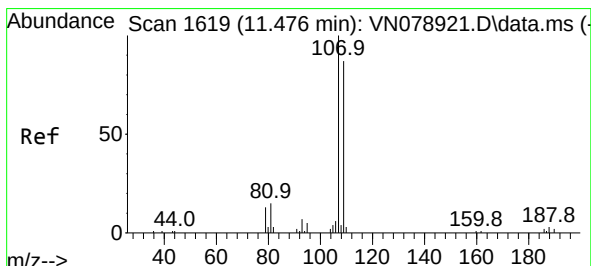
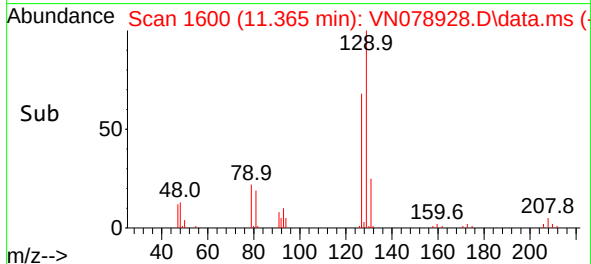
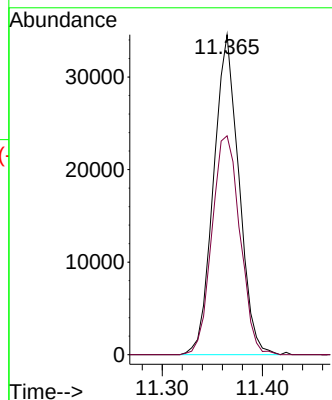
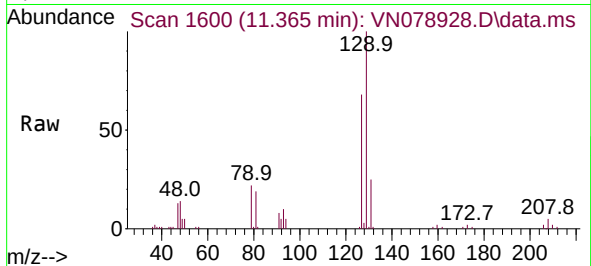




#53
Dibromochloromethane
Concen: 20.464 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

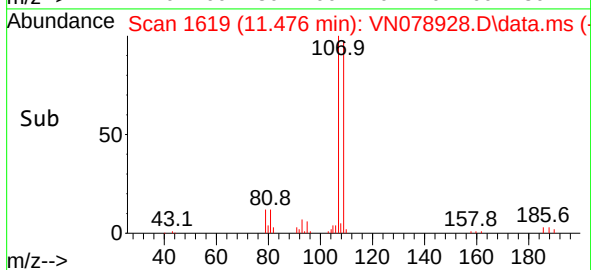
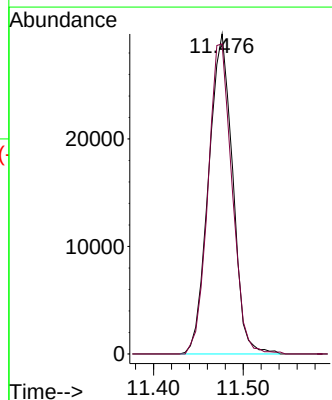
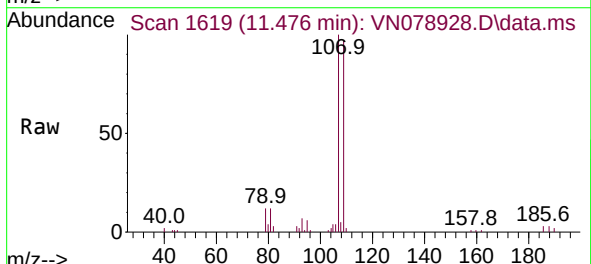
Instrument :
MSVOA_N
ClientSampleId :

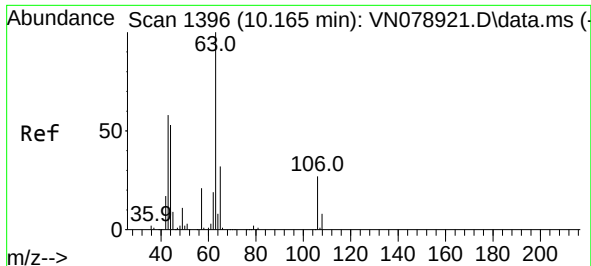
Tgt Ion:129 Resp: 60580
Ion Ratio Lower Upper
129 100
127 75.8 40.1 120.2



#54
1,2-Dibromoethane
Concen: 19.956 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:107 Resp: 55415
Ion Ratio Lower Upper
107 100
109 97.1 71.7 107.5

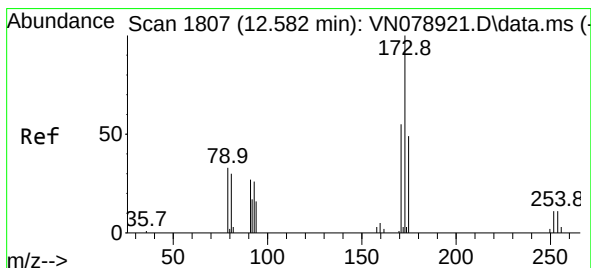
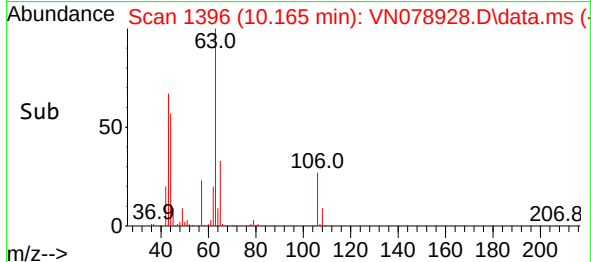
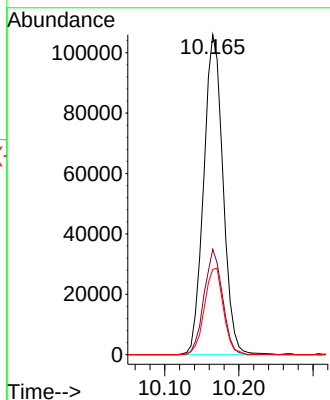
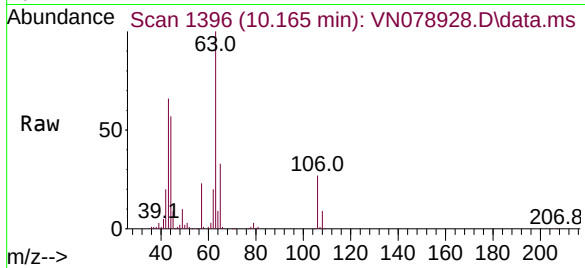




#55
2-Chloroethyl vinyl ether
Concen: 99.129 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

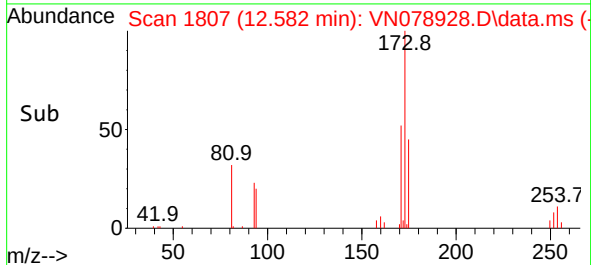
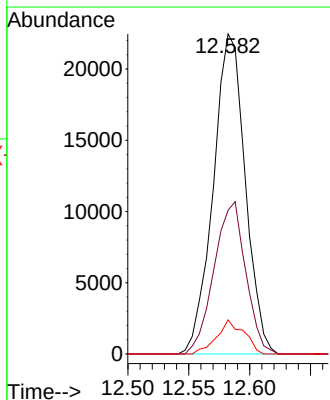
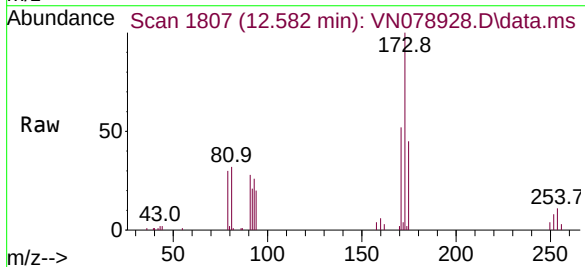
Instrument :
MSVOA_N
ClientSampleId :

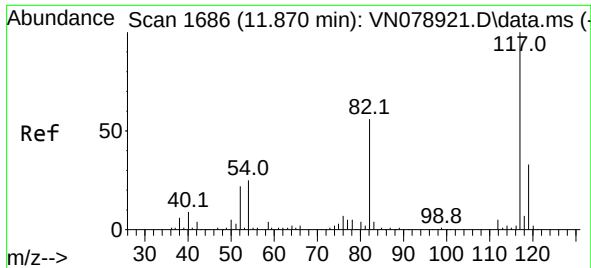
Tgt Ion: 63 Resp: 191815
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.2
106 26.6 22.3 33.5



#56
Bromoform
Concen: 19.661 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 173 Resp: 41066
Ion Ratio Lower Upper
173 100
175 47.0 38.8 58.2
254 9.0 7.6 11.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

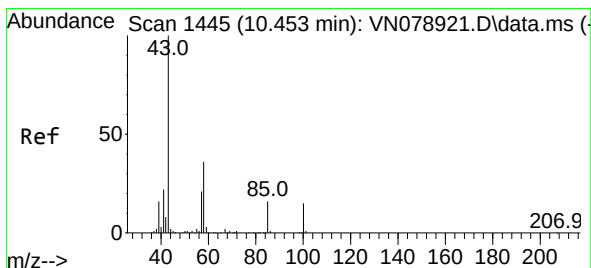
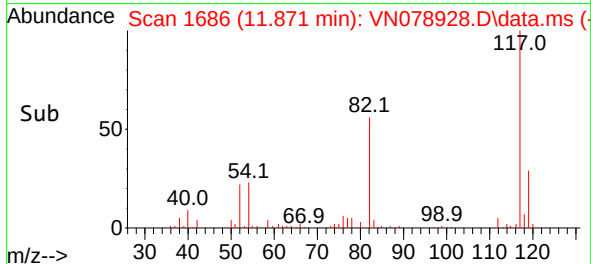
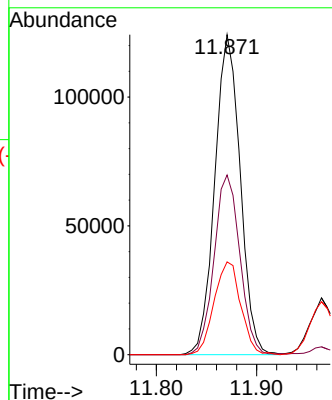
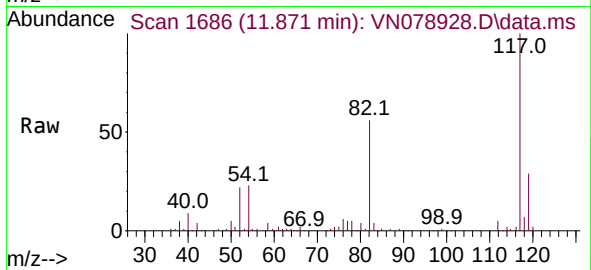
Tgt Ion:117 Resp: 218575

Ion Ratio Lower Upper

117 100

82 57.0 43.4 65.0

119 30.4 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 104.573 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

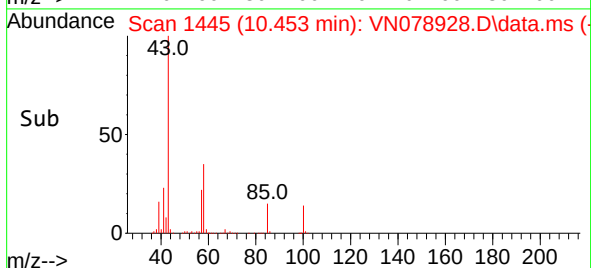
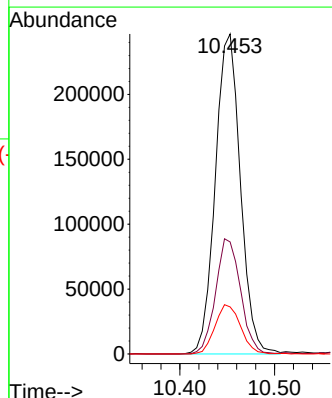
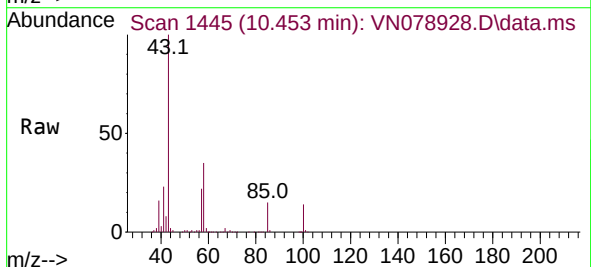
Tgt Ion: 43 Resp: 453492

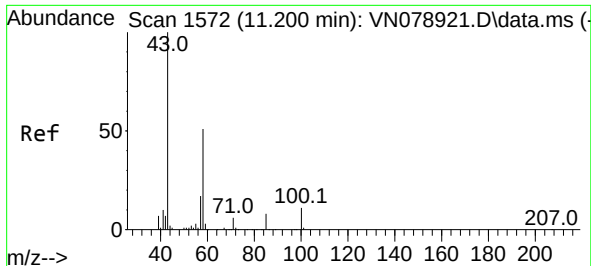
Ion Ratio Lower Upper

43 100

58 35.8 28.8 43.2

85 15.7 12.7 19.1

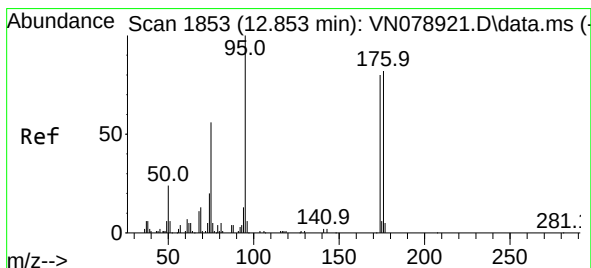
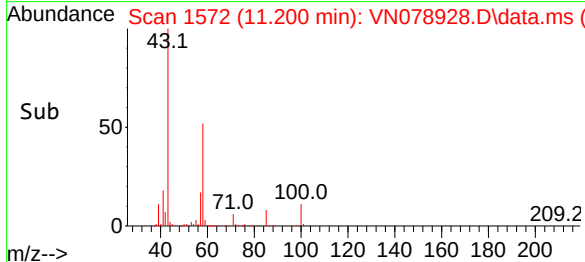
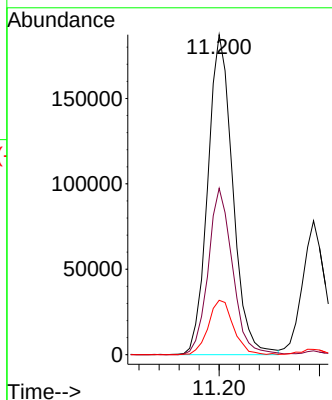
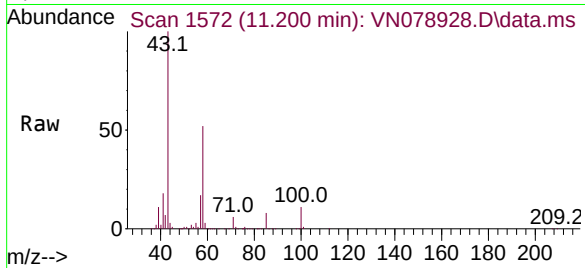




#59
2-Hexanone
Concen: 101.999 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

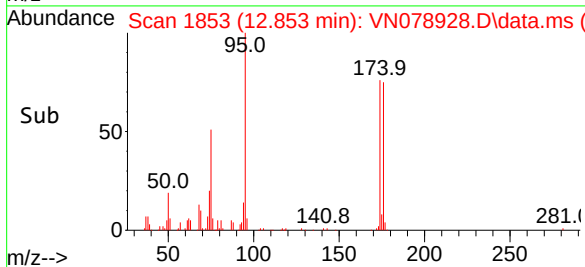
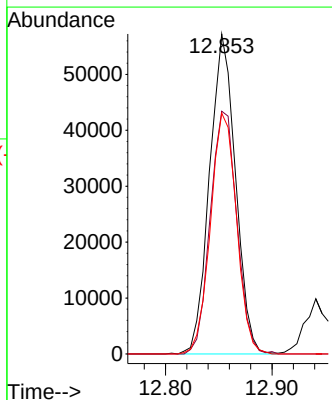
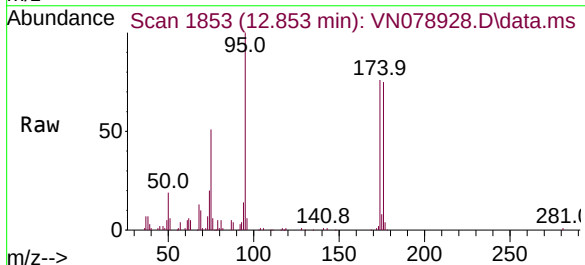
Instrument :
MSVOA_N
ClientSampleId :

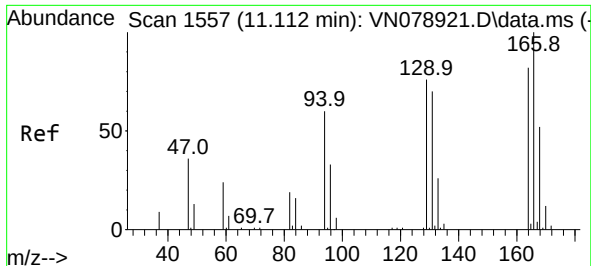
Tgt Ion: 43 Resp: 324086
Ion Ratio Lower Upper
43 100
58 50.6 40.6 60.8
57 17.0 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 30.349 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

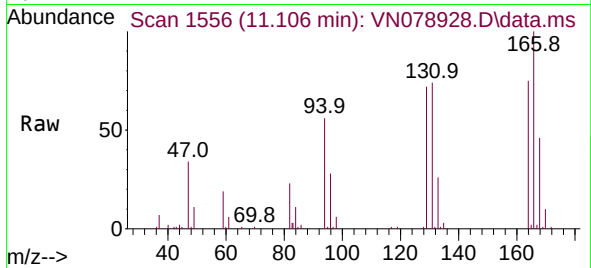
Tgt Ion: 95 Resp: 96763
Ion Ratio Lower Upper
95 100
174 77.5 64.8 97.2
176 75.4 63.0 94.6



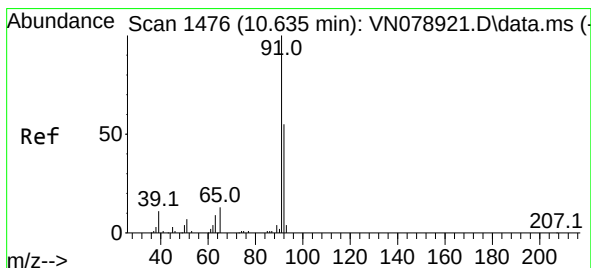
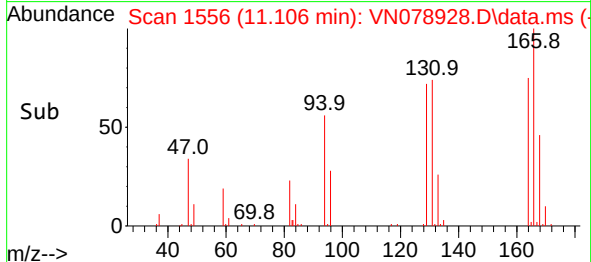
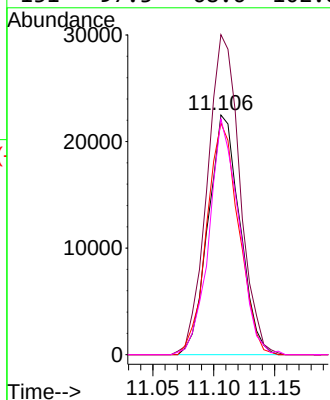


#61
Tetrachloroethene
Concen: 19.248 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :

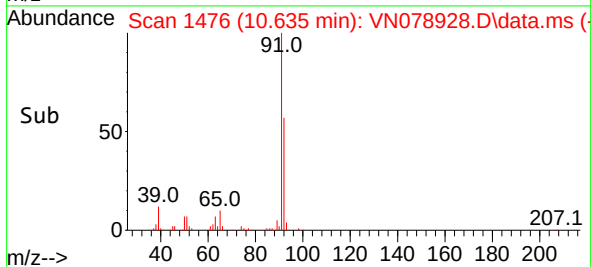
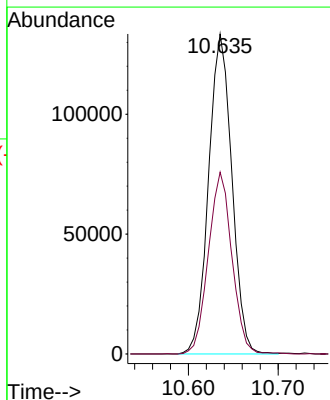
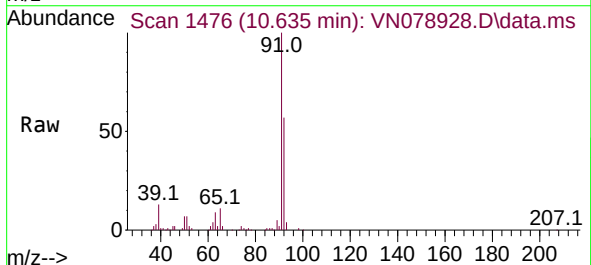


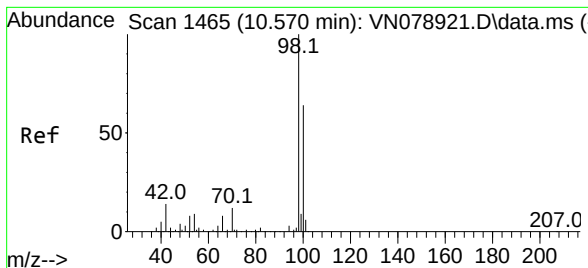
Tgt Ion:164 Resp: 40735
Ion Ratio Lower Upper
164 100
166 132.8 97.6 146.4
129 96.7 74.1 111.1
131 97.3 68.6 102.8



#62
Toluene
Concen: 20.145 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 91 Resp: 240394
Ion Ratio Lower Upper
91 100
92 57.4 44.7 67.1





#63

Toluene-d8

Concen: 30.232 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

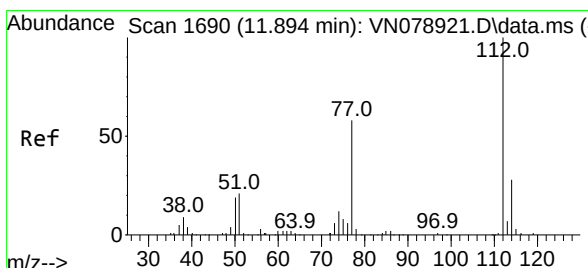
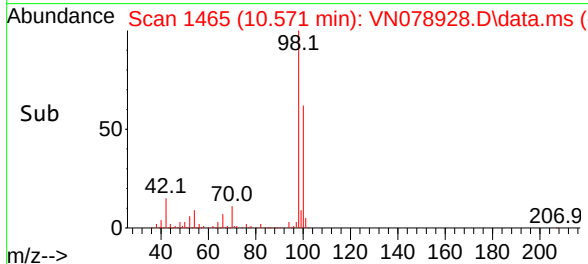
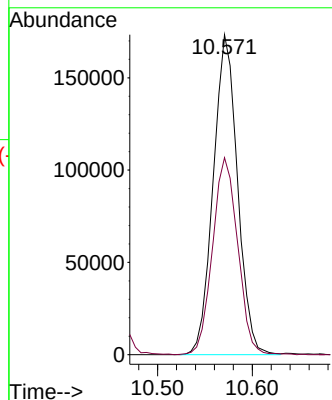
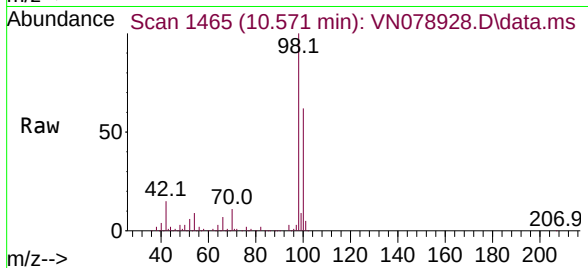
ClientSampleId :

Tgt Ion: 98 Resp: 308589

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#64

Chlorobenzene

Concen: 19.813 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN078928.D

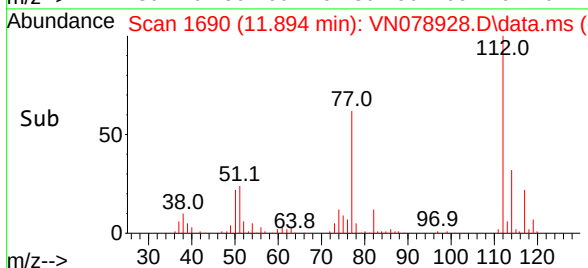
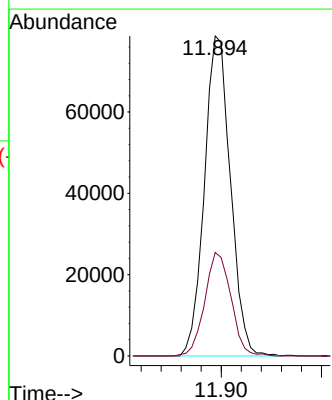
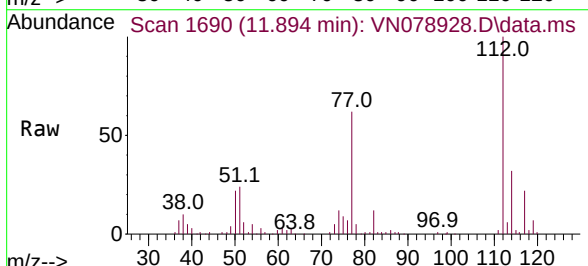
Acq: 17 Aug 2023 16:04

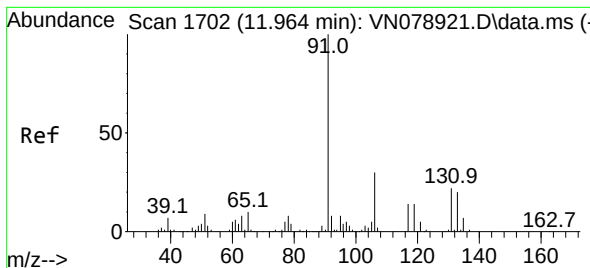
Tgt Ion: 112 Resp: 142156

Ion Ratio Lower Upper

112 100

114 32.3 22.4 33.6

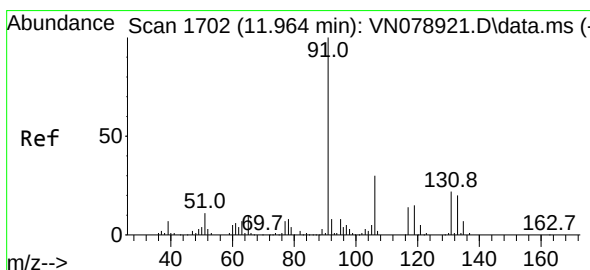
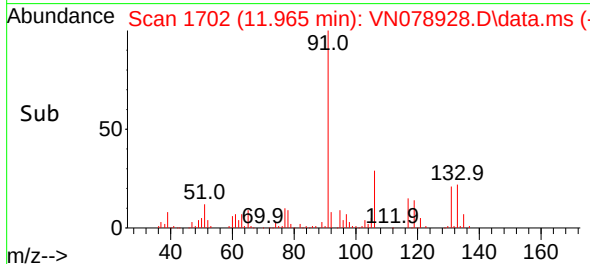
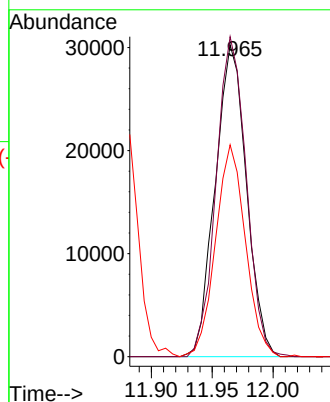
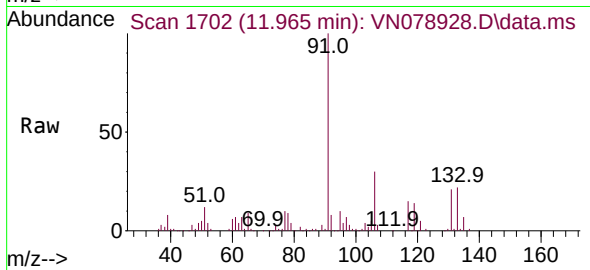




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.695 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

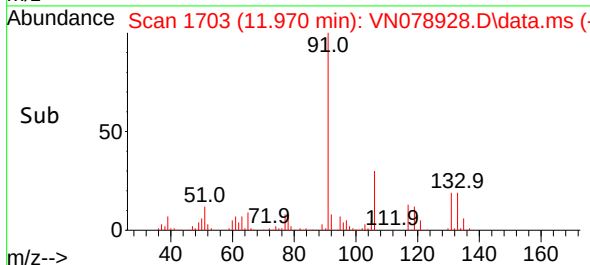
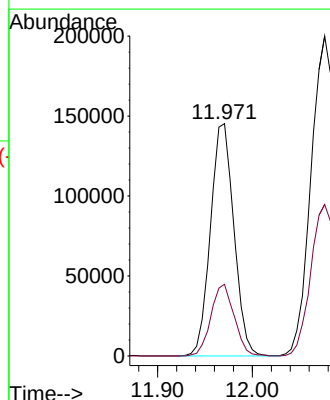
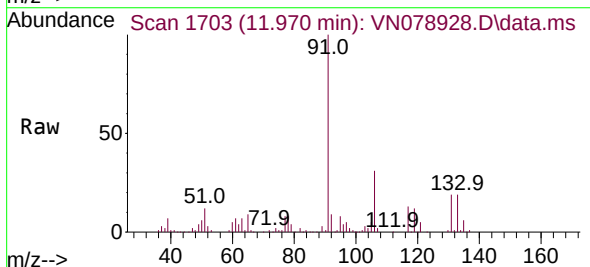
Instrument :
 MSVOA_N
 ClientSampleId :

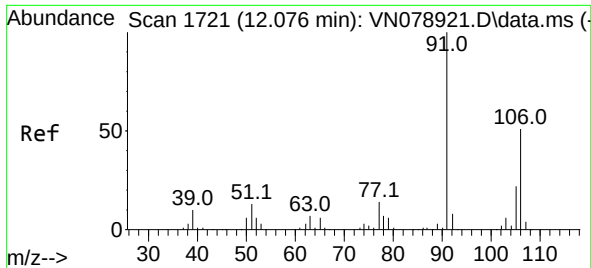
Tgt Ion:131 Resp: 54032
 Ion Ratio Lower Upper
 131 100
 133 98.7 0.0 184.8
 119 64.9 0.0 133.4



#66
 Ethyl Benzene
 Concen: 20.042 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

Tgt Ion: 91 Resp: 250173
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.1 36.1

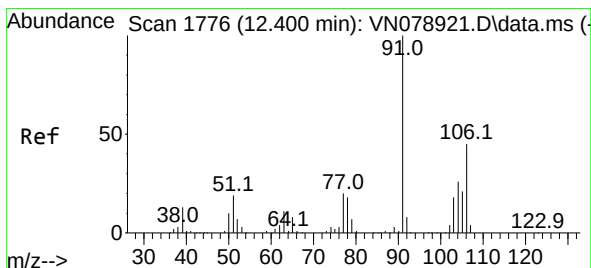
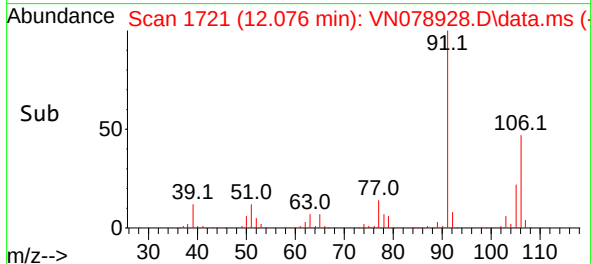
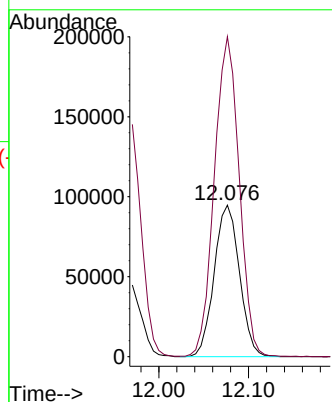
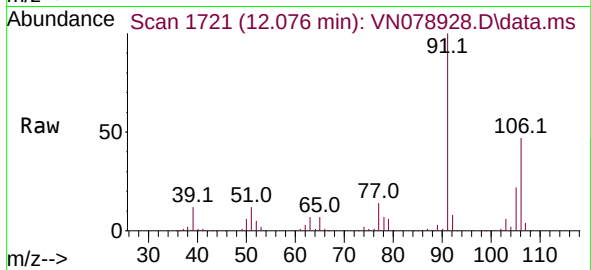




#67
m/p-Xylenes
Concen: 39.817 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

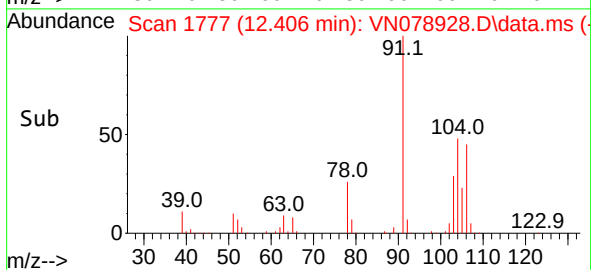
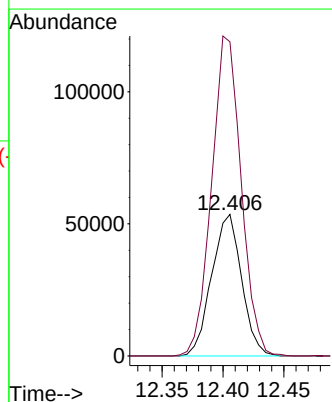
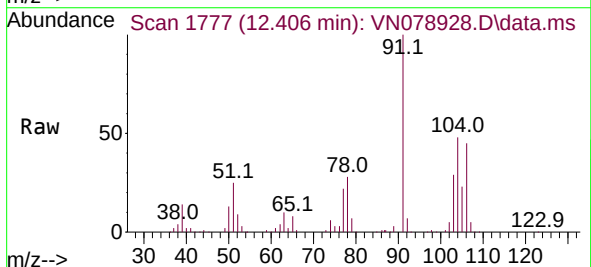
Instrument :
MSVOA_N
ClientSampleId :

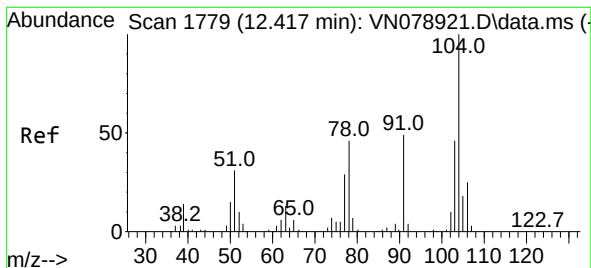
Tgt Ion:106 Resp: 185309
Ion Ratio Lower Upper
106 100
91 207.8 161.2 241.8



#68
o-Xylene
Concen: 19.986 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:106 Resp: 91711
Ion Ratio Lower Upper
106 100
91 223.2 109.0 327.0





#69

Styrene

Concen: 20.114 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

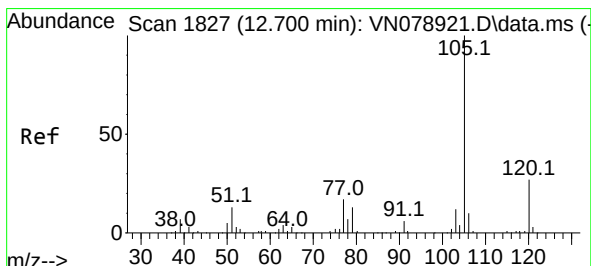
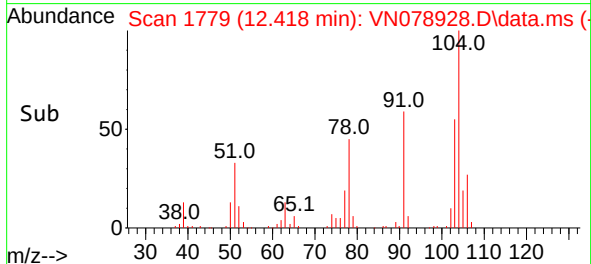
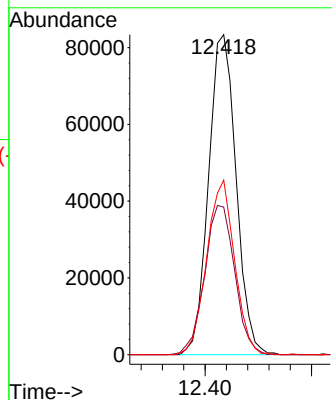
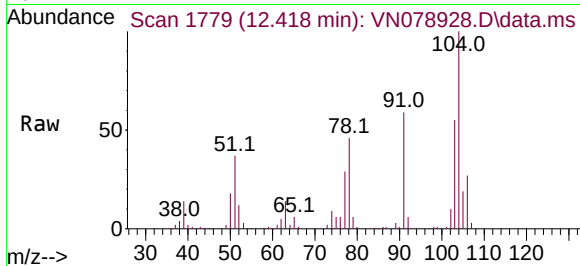
Tgt Ion:104 Resp: 149981

Ion Ratio Lower Upper

104 100

78 50.9 40.2 60.4

103 55.2 43.2 64.8



#70

Isopropylbenzene

Concen: 20.089 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078928.D

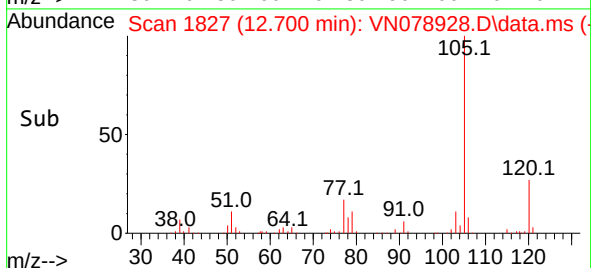
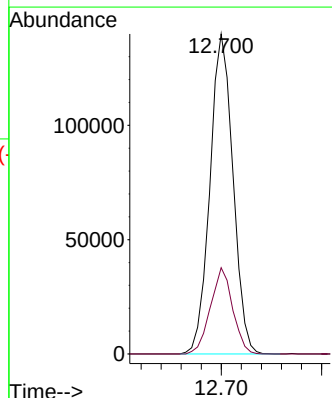
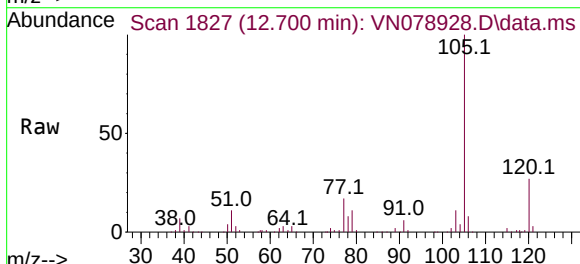
Acq: 17 Aug 2023 16:04

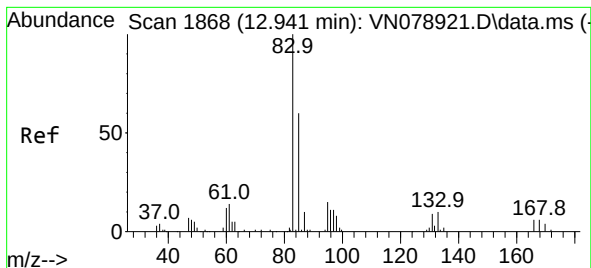
Tgt Ion:105 Resp: 223364

Ion Ratio Lower Upper

105 100

120 26.0 19.1 35.5

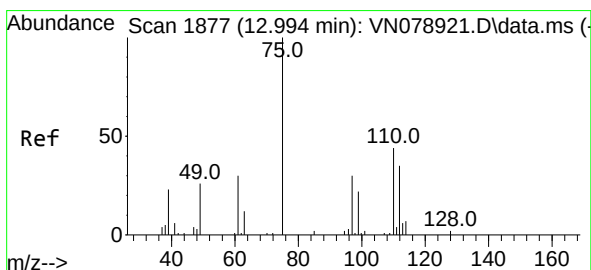
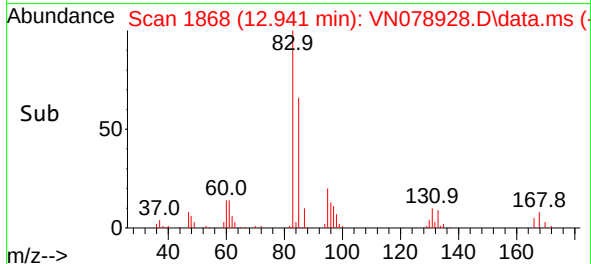
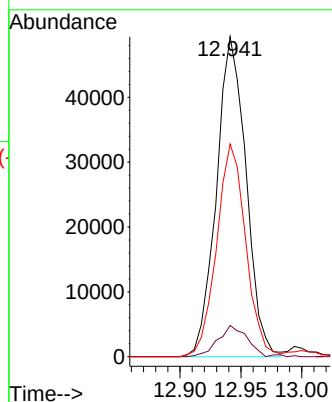
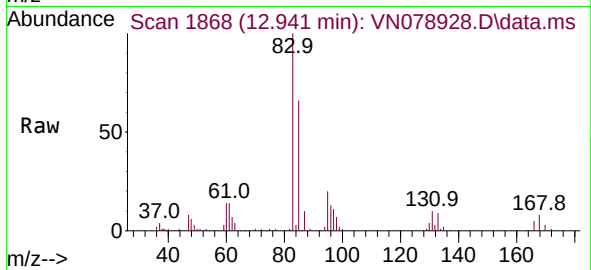




#71
1,1,2,2-Tetrachloroethane
Concen: 20.027 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

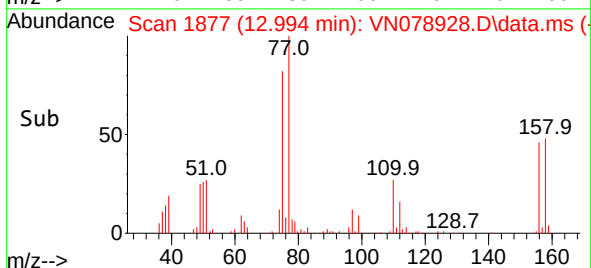
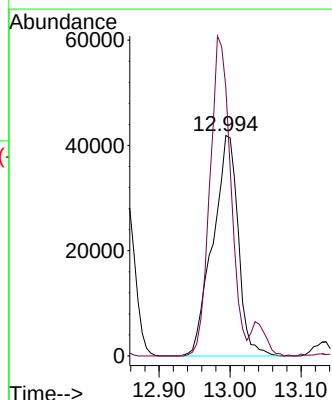
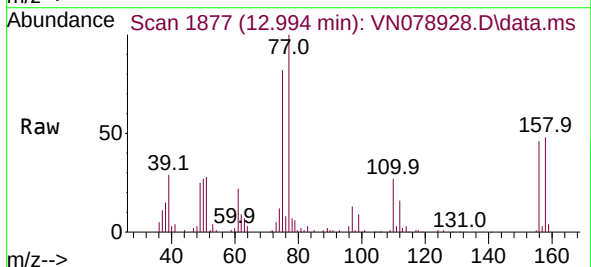
Instrument :
MSVOA_N
ClientSampleId :

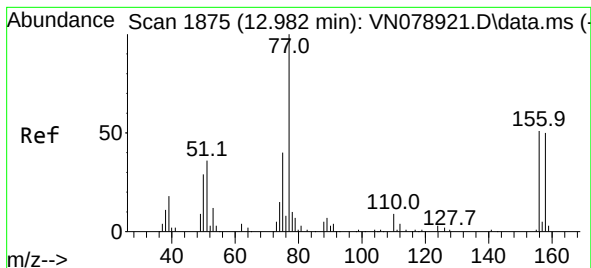
Tgt Ion: 83 Resp: 83476
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.0
85 65.2 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 30.378 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 75 Resp: 103876
Ion Ratio Lower Upper
75 100
77 118.2 0.0 367.4





#73

Bromobenzene

Concen: 19.947 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078928.D

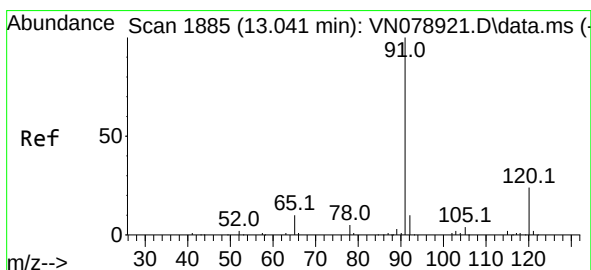
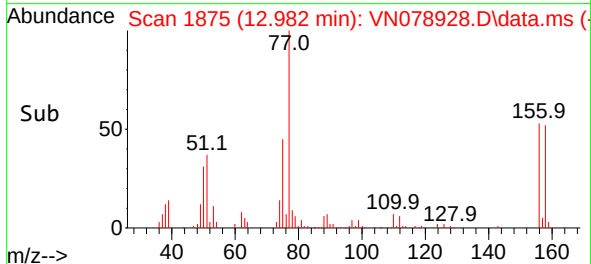
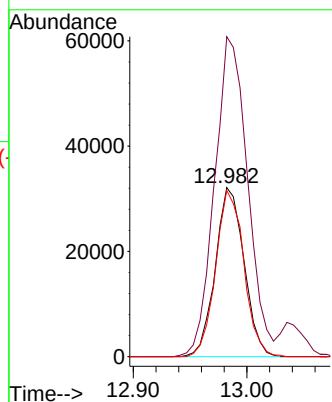
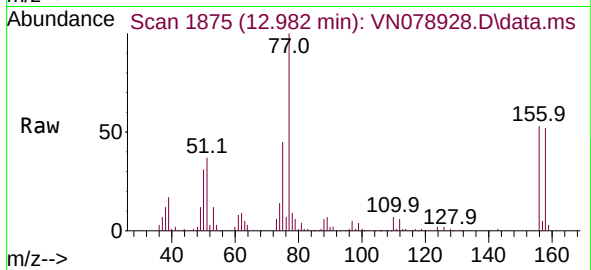
Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	56462
Ion Ratio	Lower	Upper	
156	100		
77	217.4	0.0	431.0
158	96.5	0.0	196.8



#74

n-propylbenzene

Concen: 20.441 ug/l

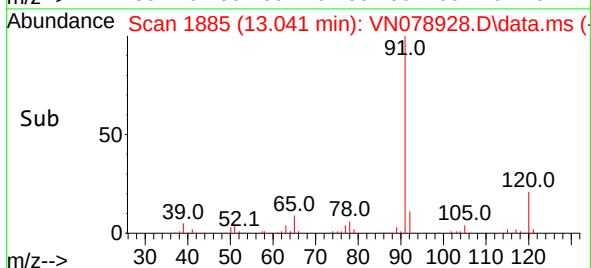
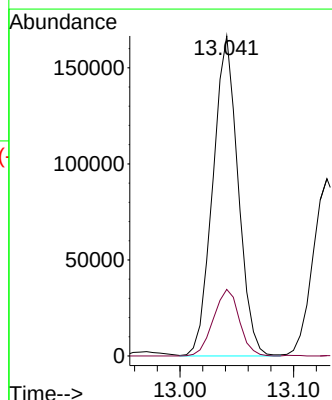
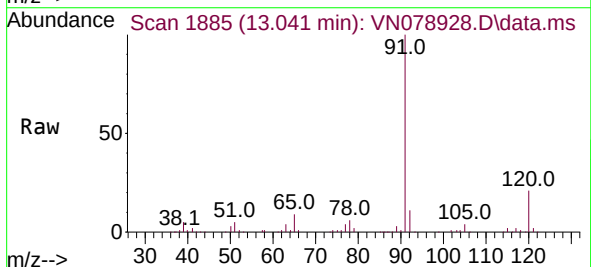
RT: 13.041 min Scan# 1885

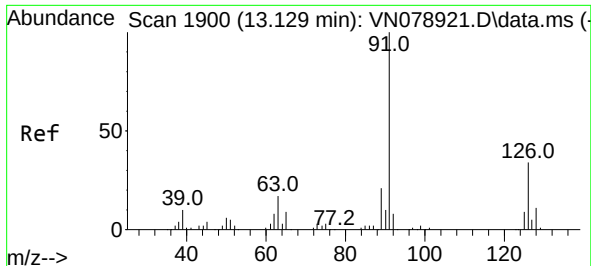
Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion:	91	Resp:	257575
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	44.4

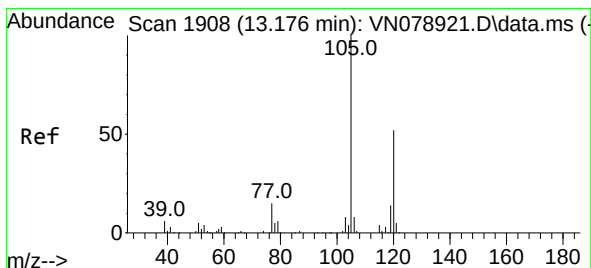
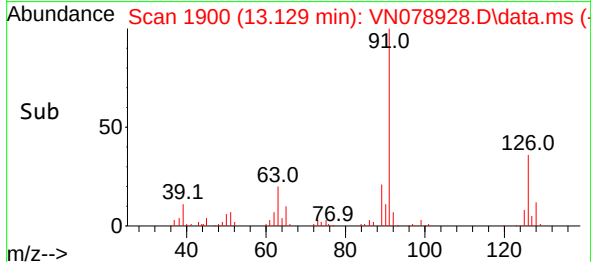
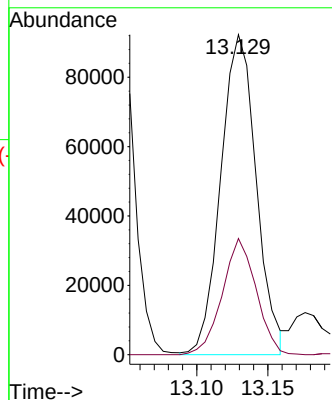
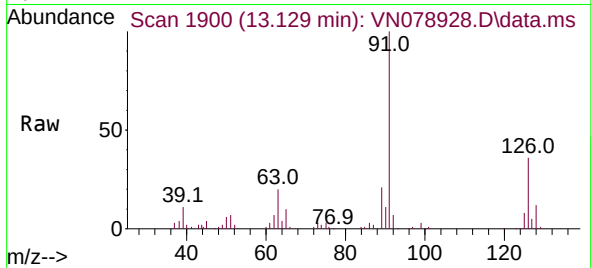




#75
2-Chlorotoluene
Concen: 20.042 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

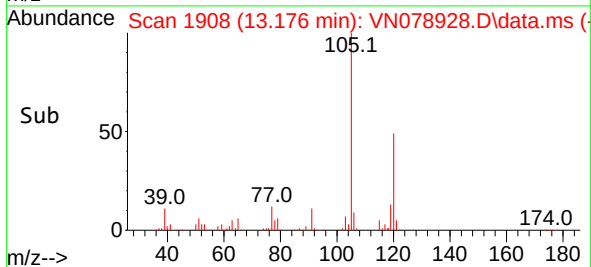
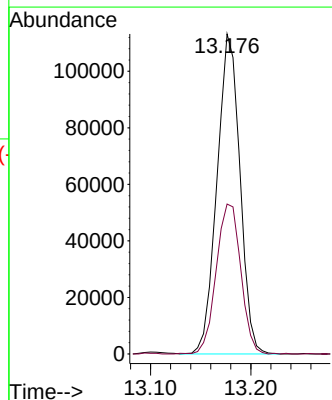
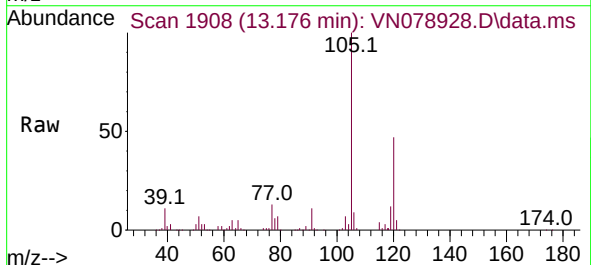
Instrument :
MSVOA_N
ClientSampleId :

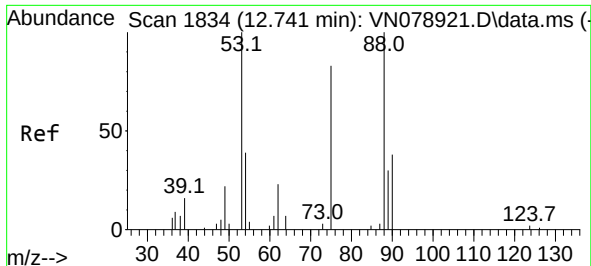
Tgt Ion: 91 Resp: 160222
Ion Ratio Lower Upper
91 100
126 34.6 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 20.395 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:105 Resp: 179764
Ion Ratio Lower Upper
105 100
120 50.0 0.0 98.8

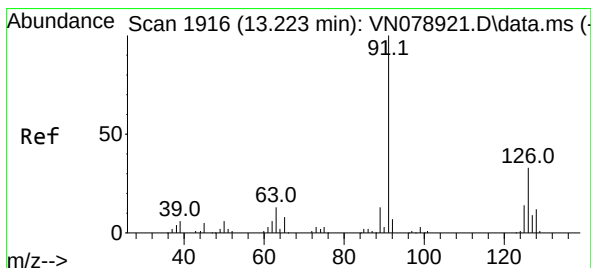
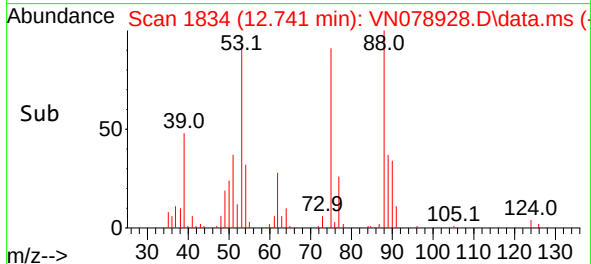
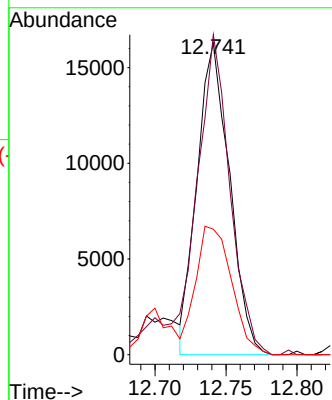
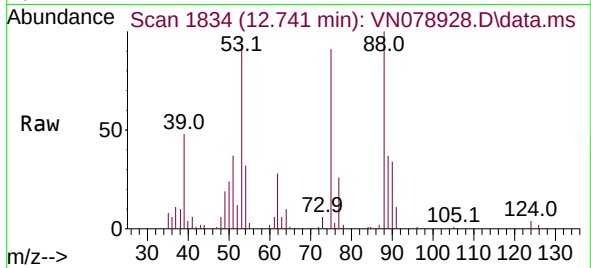




#77
t-1,4-Dichloro-2-butene
Concen: 20.331 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

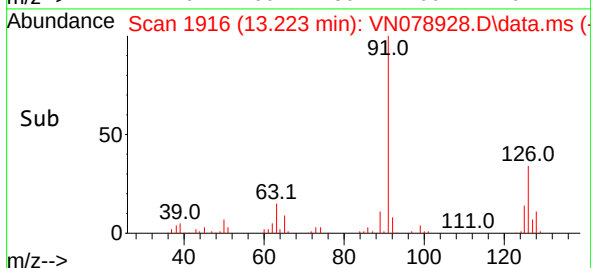
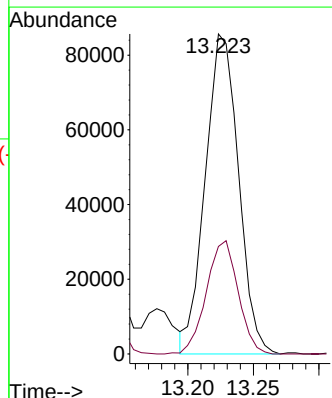
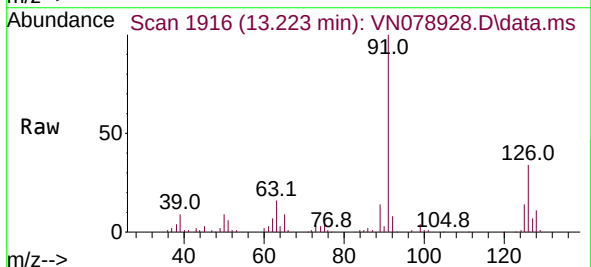
Instrument :
MSVOA_N
ClientSampleId :

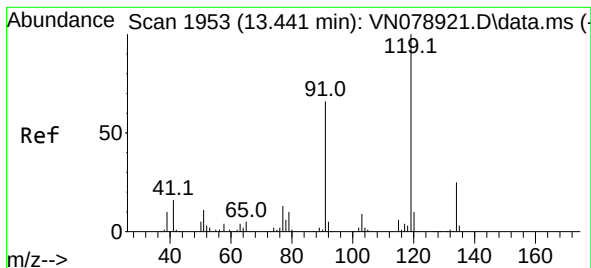
Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
53 102.7 60.1 180.3
89 40.3 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.701 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 91 Resp: 150880
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.4





#79

tert-butylbenzene

Concen: 19.975 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

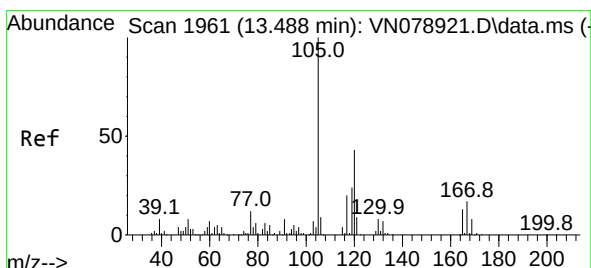
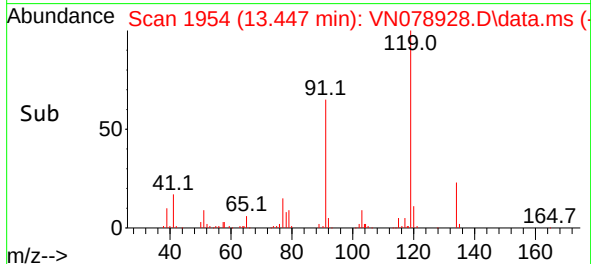
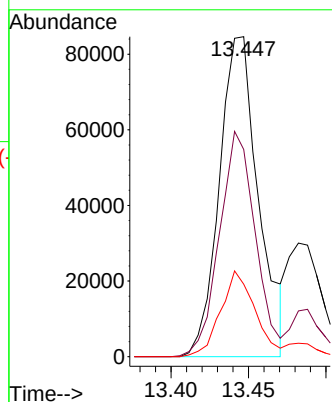
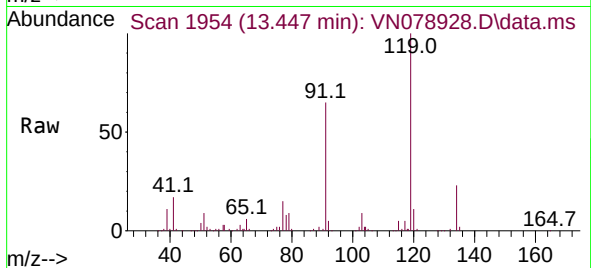
Tgt Ion:119 Resp: 148773

Ion Ratio Lower Upper

119 100

91 64.6 0.0 135.6

134 23.5 0.0 51.4



#80

1,2,4-Trimethylbenzene

Concen: 20.492 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078928.D

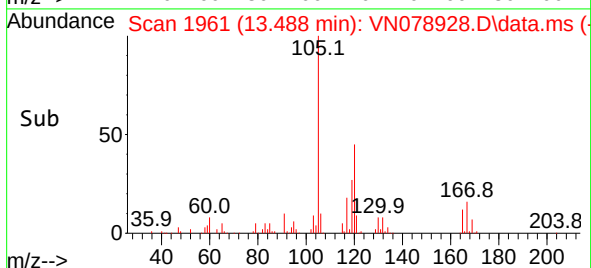
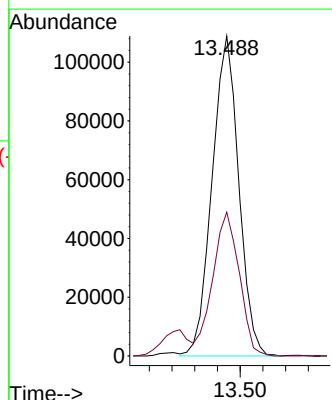
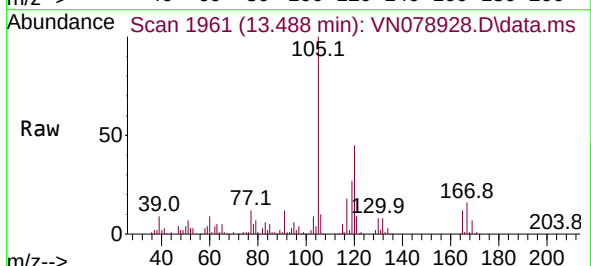
Acq: 17 Aug 2023 16:04

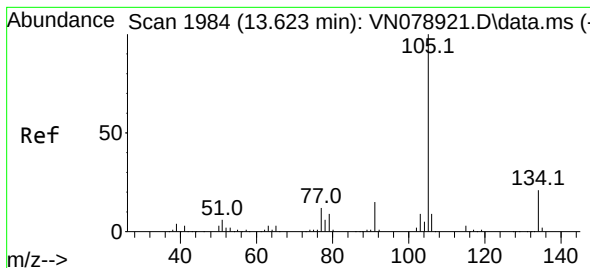
Tgt Ion:105 Resp: 177601

Ion Ratio Lower Upper

105 100

120 44.7 0.0 91.6

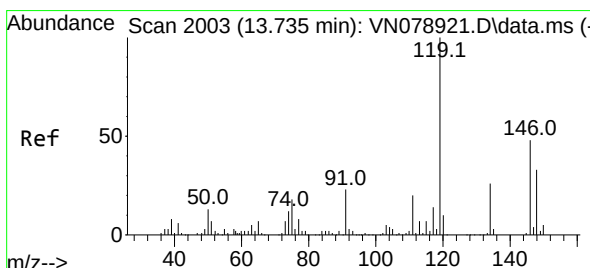
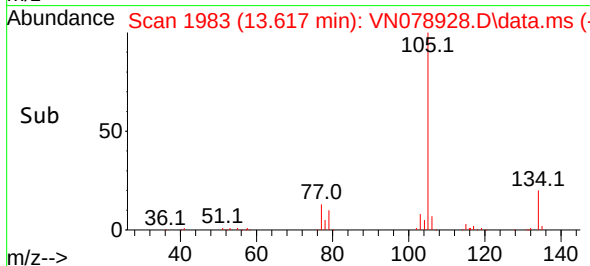
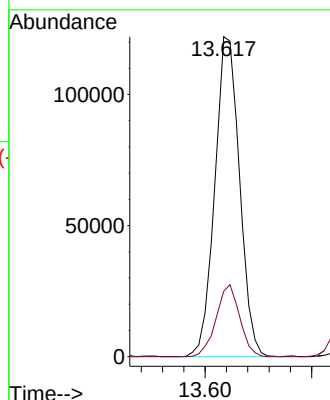
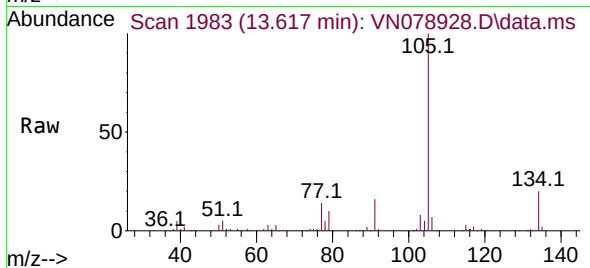




#81
 sec-Butylbenzene
 Concen: 20.027 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

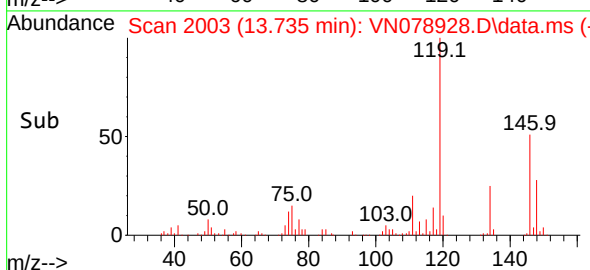
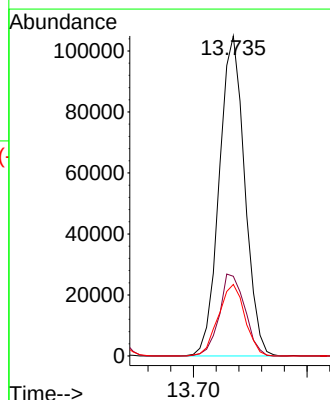
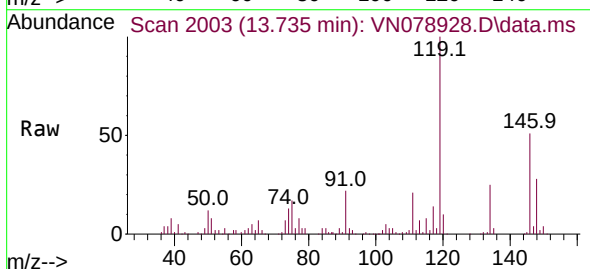
Instrument :
 MSVOA_N
 ClientSampleId :

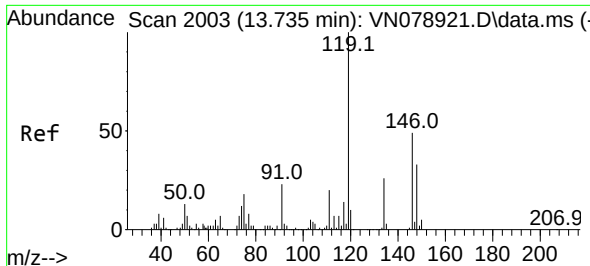
Tgt Ion:105 Resp: 196856
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 20.320 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078928.D
 Acq: 17 Aug 2023 16:04

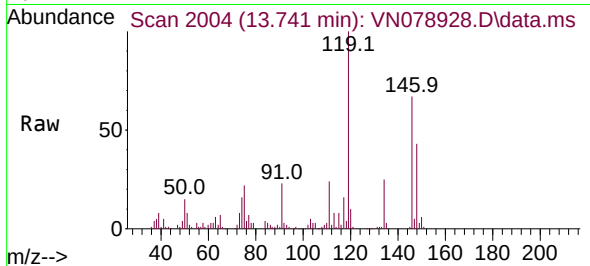
Tgt Ion:119 Resp: 163076
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 23.4 0.0 47.4



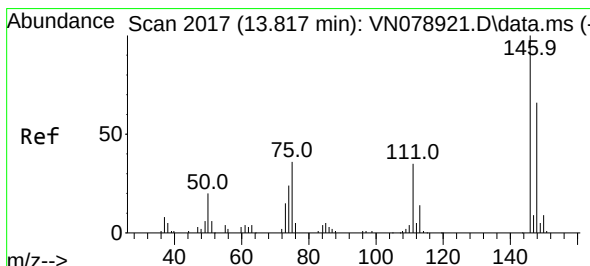
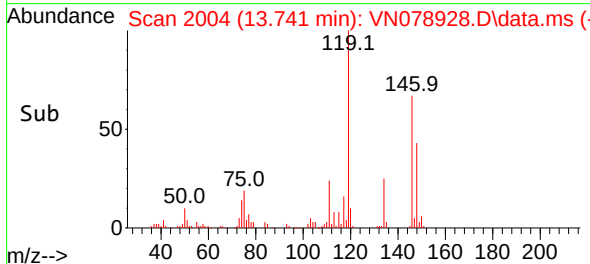
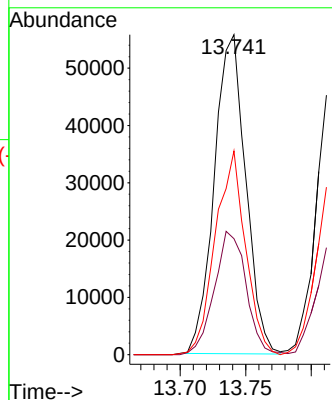


#83
1,3-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.741 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :

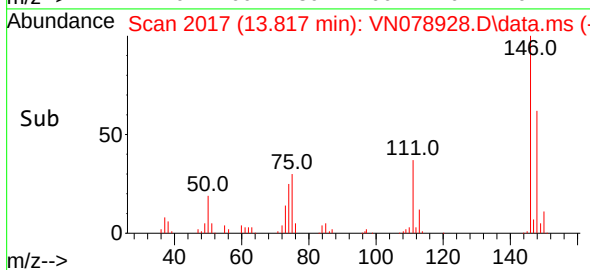
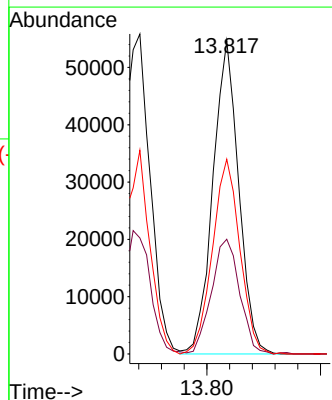
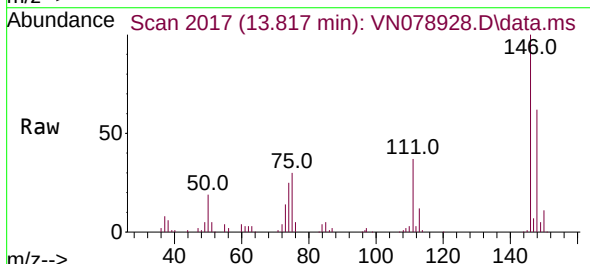


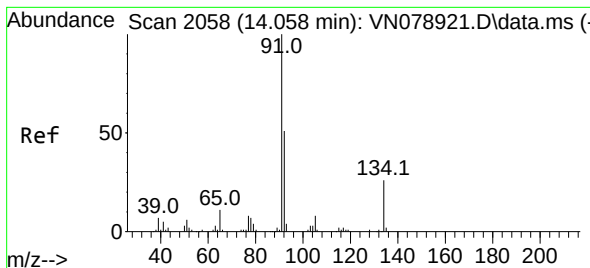
Tgt Ion:146 Resp: 92860
Ion Ratio Lower Upper
146 100
111 39.0 21.2 63.6
148 61.1 33.1 99.5



#84
1,4-Dichlorobenzene
Concen: 19.276 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion:146 Resp: 86454
Ion Ratio Lower Upper
146 100
111 39.9 18.6 56.0
148 65.9 32.0 96.2





#85

n-Butylbenzene

Concen: 19.017 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

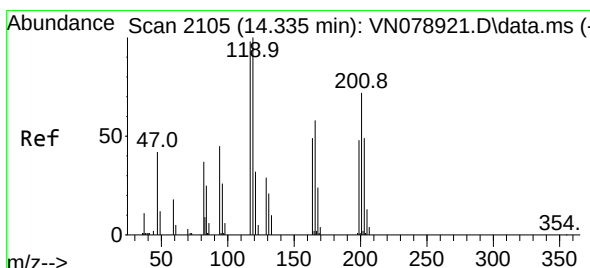
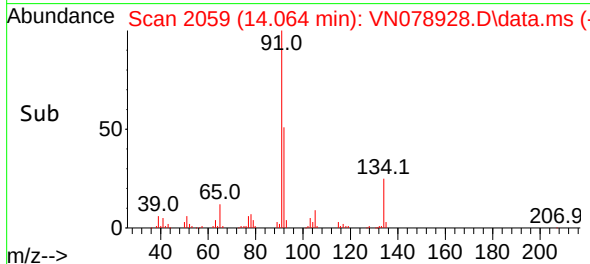
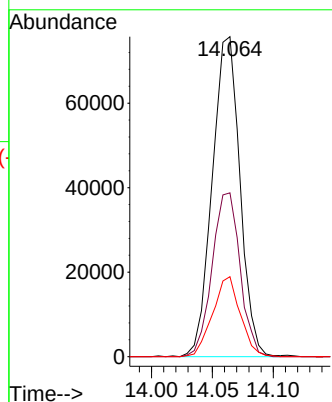
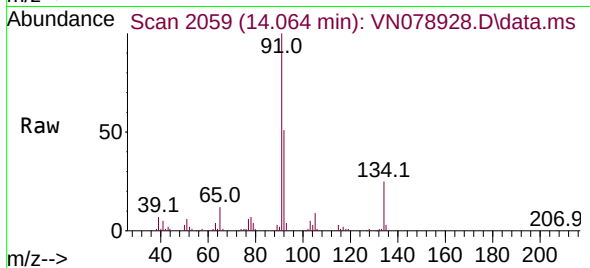
Tgt Ion: 91 Resp: 120037

Ion Ratio Lower Upper

91 100

92 51.6 0.0 102.8

134 25.0 0.0 48.6



#86

Hexachloroethane

Concen: 20.109 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078928.D

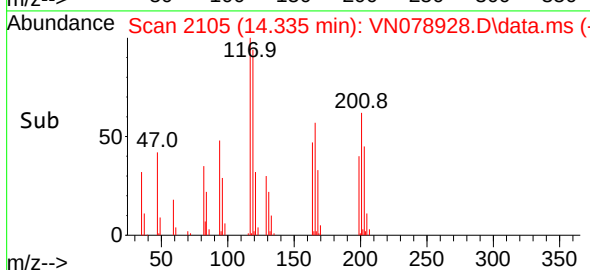
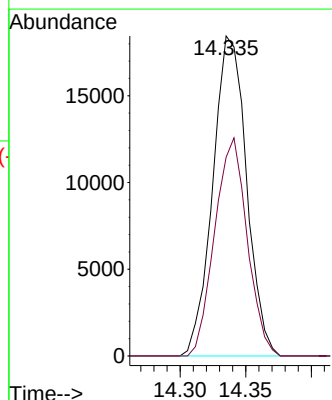
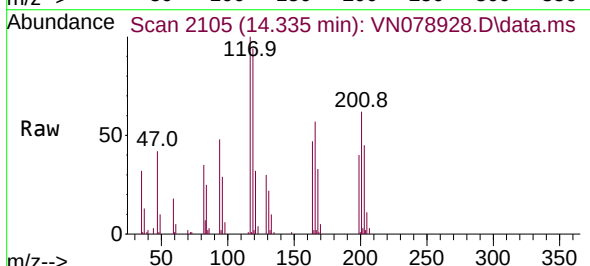
Acq: 17 Aug 2023 16:04

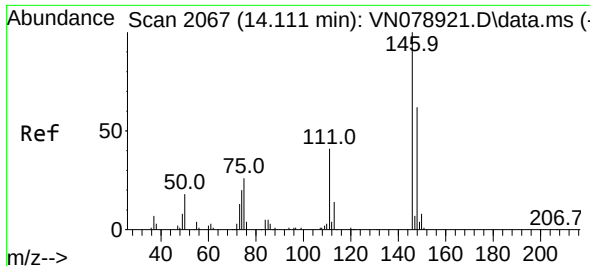
Tgt Ion: 117 Resp: 33020

Ion Ratio Lower Upper

117 100

201 65.4 36.6 109.8

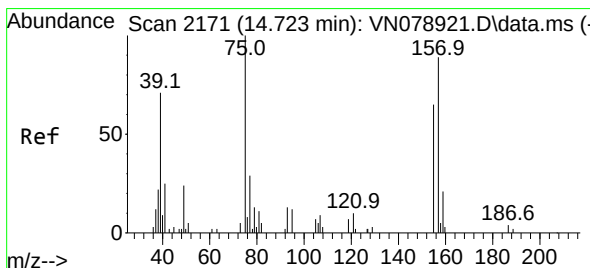
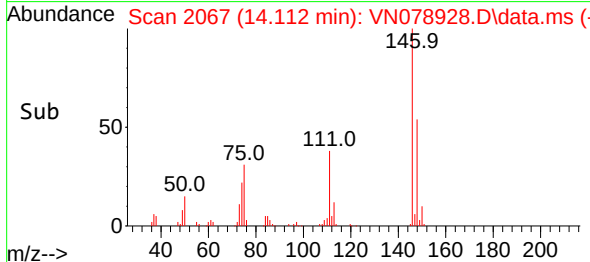
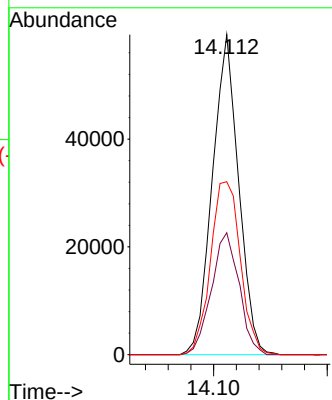
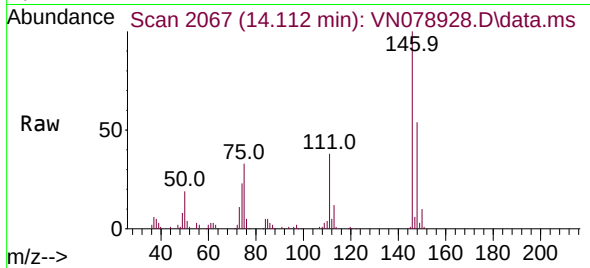




#87
1,2-Dichlorobenzene
Concen: 20.362 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

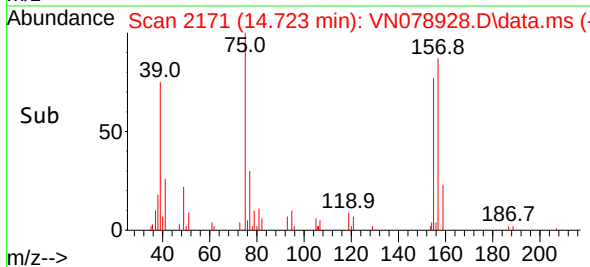
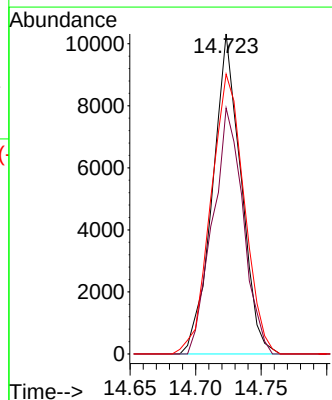
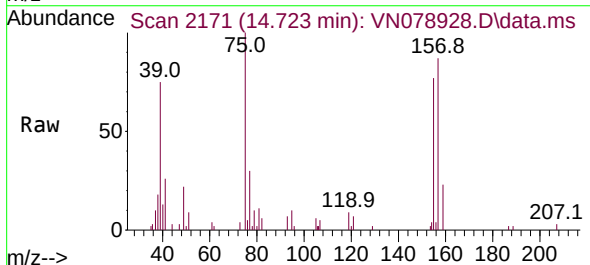
Instrument :
MSVOA_N
ClientSampleId :

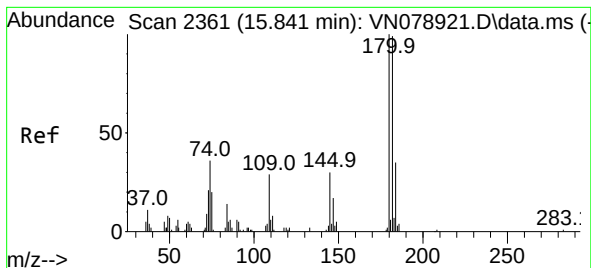
Tgt Ion:146 Resp: 95273
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 61.5 32.0 96.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.738 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078928.D
Acq: 17 Aug 2023 16:04

Tgt Ion: 75 Resp: 15514
Ion Ratio Lower Upper
75 100
155 82.8 61.1 91.7
157 102.2 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 19.979 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

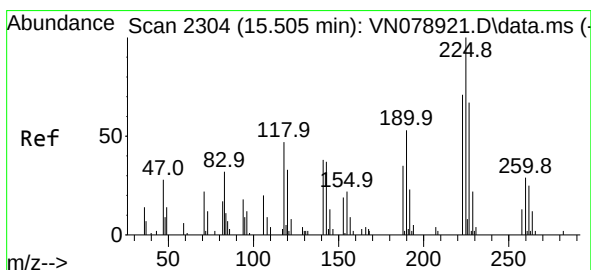
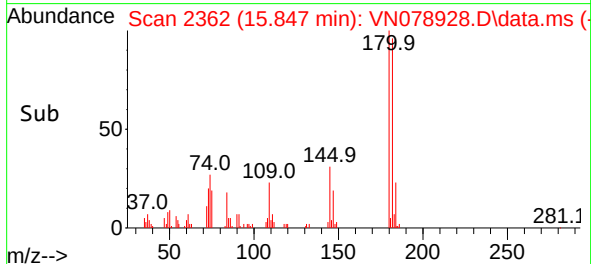
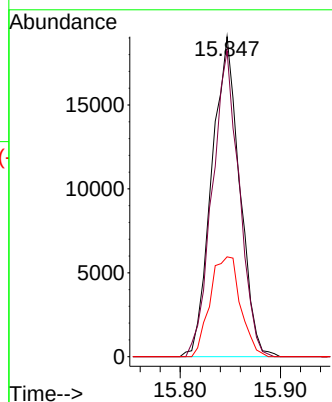
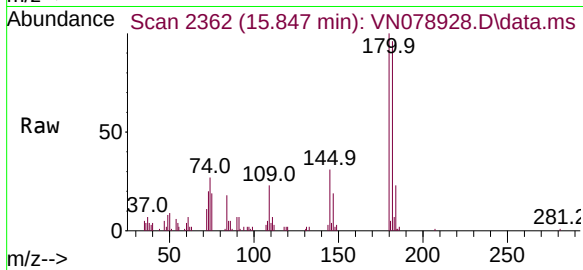
Tgt Ion:180 Resp: 36917

Ion Ratio Lower Upper

180 100

182 92.1 76.1 114.1

145 34.0 26.5 39.7



#90

Hexachlorobutadiene

Concen: 20.182 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

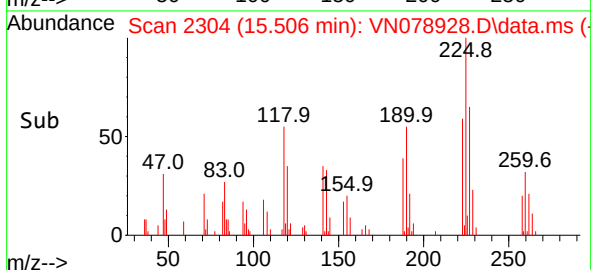
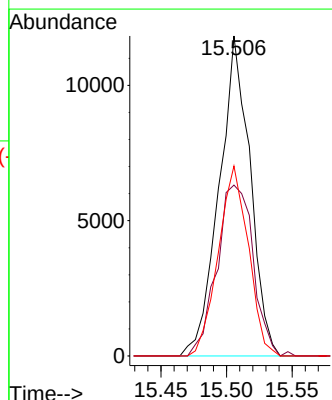
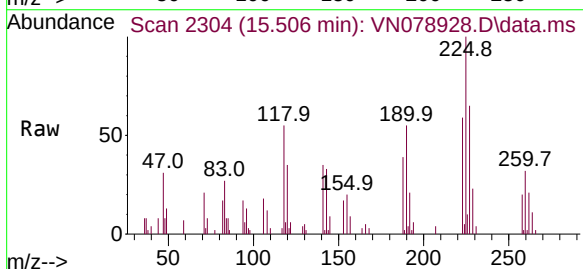
Tgt Ion:225 Resp: 19416

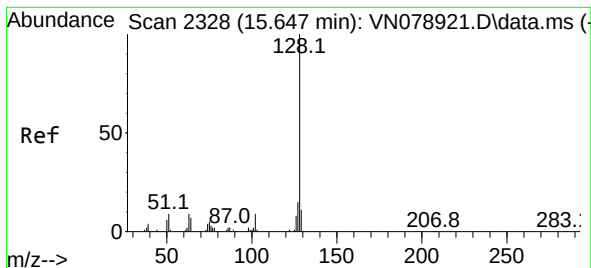
Ion Ratio Lower Upper

225 100

223 62.4 0.0 124.0

227 57.7 0.0 117.4





#91

Naphthalene

Concen: 18.290 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078928.D

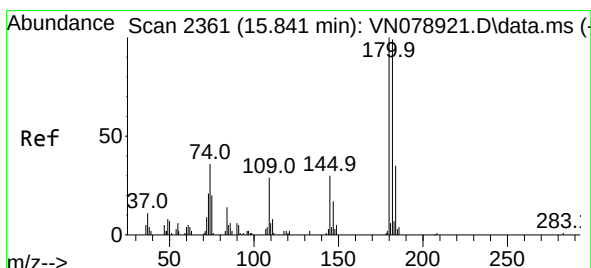
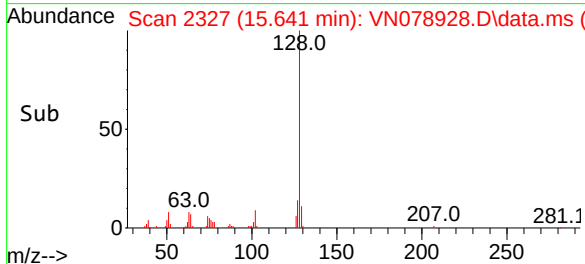
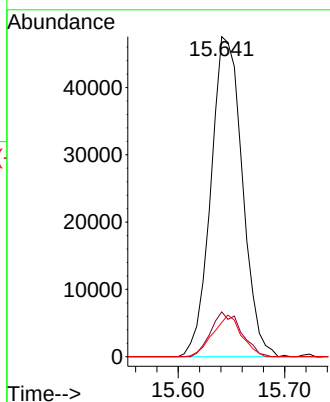
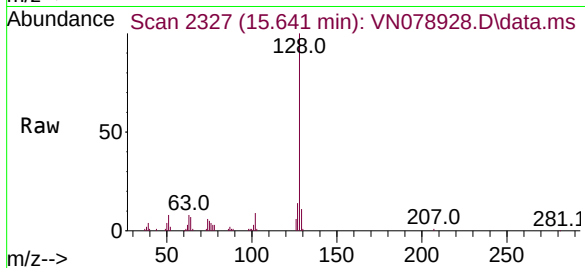
Acq: 17 Aug 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	97478
Ion Ratio	Lower	Upper
128	100	
127	13.6	11.1 16.7
129	11.9	8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.979 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN078928.D

Acq: 17 Aug 2023 16:04

Tgt Ion:180	Resp:	36917
Ion Ratio	Lower	Upper
180	100	
182	92.1	0.0 190.2
145	34.0	0.0 66.2

