

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078713.D
 Acq On : 01 Aug 2023 13:23
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 02 02:51:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	117024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	644763	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	595441	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	362718	41.136	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 137.133%#			
60) 4-Bromofluorobenzene	12.853	95	400798	46.719	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 155.733%#			
63) Toluene-d8	10.571	98	890374	30.194	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	664832	102.700	ug/l	100
3) Chloromethane	2.371	50	740003	91.997	ug/l	97
4) Vinyl Chloride	2.518	62	1167301	111.041	ug/l	95
5) Bromomethane	2.942	94	765201	95.014	ug/l	100
6) Chloroethane	3.118	64	717786	103.916	ug/l	100
7) Trichlorofluoromethane	3.506	101	1423282	130.333	ug/l	98
8) Diethyl Ether	3.971	74	397405	112.685	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	627382	107.886	ug/l	97
10) 1,1-Dichloroethene	4.347	96	612678	109.763	ug/l	97
11) Methyl Iodide	4.600	142	929001	120.139	ug/l	98
12) Methyl Acetate	5.036	43	990864	120.160	ug/l	98
13) Acrolein	4.189	56	539407	554.122	ug/l	99
14) Acrylonitrile	5.730	53	1465488	613.515	ug/l	99
15) Acetone	4.436	58	479129	671.143	ug/l	90
16) Carbon Disulfide	4.724	76	1699624	106.587	ug/l	97
17) Allyl chloride	5.030	41	837281	107.688	ug/l	96
18) Methylene Chloride	5.283	84	708877	117.563	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	704417	108.348	ug/l	96
20) Diisopropyl ether	6.683	45	2014394	118.216	ug/l	97
21) 1,1-Dichloroethane	6.577	63	1270609	111.730	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	835039	115.664	ug/l	99
23) tert-Butyl Alcohol	5.536	59	568207	519.936	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	2152463	114.443	ug/l	97
25) Chloroform	7.971	83	1794381	151.083	ug/l	96
26) Cyclohexane	8.265	56	1214799	146.388	ug/l #	100
29) 1,1-Dichloropropene	8.383	75	1324623	166.362	ug/l	98
30) 2-Butanone	7.494	43	2062445	657.806	ug/l	99
31) 2,2-Dichloropropane	7.500	77	1178272	129.460	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	1749404	171.878	ug/l	99
33) Carbon Tetrachloride	8.371	117	1400689	156.162	ug/l	93
34) Benzene	8.612	78	4174870	173.933	ug/l	98
35) Methacrylonitrile	7.794	41	452870	129.808	ug/l	89
36) 1,2-Dichloroethane	8.677	62	1260554	148.866	ug/l	99
37) Trichloroethene	9.359	130	790843	119.605	ug/l	100
38) Methylcyclohexane	9.606	83	1028579	130.127	ug/l	99
39) 1,2-Dichloropropane	9.630	63	775024	123.043	ug/l	95
40) Dibromomethane	9.712	93	562591	125.960	ug/l	98
41) Bromodichloromethane	9.894	83	1123413	125.680	ug/l	96
42) Vinyl Acetate	6.612	43	6640707	632.370	ug/l	100

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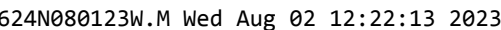
Instrument :
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 ClientSampleId :
 VSTDICC100

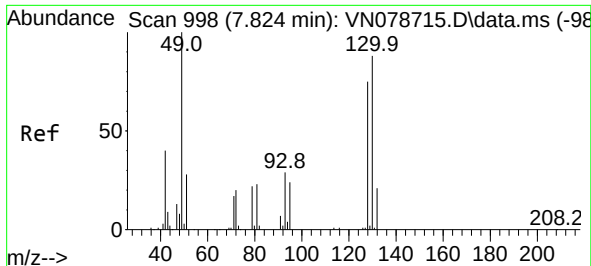
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	812785	122.956	ug/l	98
44) Isopropyl Acetate	8.694	43	1835308	158.675	ug/l	99
45) 1,4-Dioxane	9.700	88	263959	2541.876	ug/l	94
46) Methyl methacrylate	9.688	41	694368	134.463	ug/l	98
47) n-amyl Acetate	12.500	43	1748034	206.588	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	1278553	134.675	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	1321979	131.420	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	748932	116.621	ug/l	97
51) Ethyl methacrylate	10.882	69	1172339	136.526	ug/l	91
52) 1,3-Dichloropropane	11.171	76	1291081	110.677	ug/l	100
53) Dibromochloromethane	11.365	129	892814	125.744	ug/l	99
54) 1,2-Dibromoethane	11.476	107	794937	125.379	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	2150836	785.961	ug/l	99
56) Bromoform	12.582	173	836046	187.066	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	4570932	598.400	ug/l	99
59) 2-Hexanone	11.200	43	3262844	562.738	ug/l	99
61) Tetrachloroethene	11.112	164	697273	102.417	ug/l	96
62) Toluene	10.635	91	3662147	119.829	ug/l	99
64) Chlorobenzene	11.894	112	2128332	120.461	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	826711	117.852	ug/l	99
66) Ethyl Benzene	11.971	91	3851157	127.472	ug/l	98
67) m/p-Xylenes	12.076	106	2931566	254.955	ug/l	99
68) o-Xylene	12.400	106	1518360	132.134	ug/l	98
69) Styrene	12.418	104	2833520	158.388	ug/l	99
70) Isopropylbenzene	12.700	105	5040837	176.443	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	1478416	154.607	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	1886765	208.178	ug/l	60
73) Bromobenzene	12.982	156	1174828	166.230	ug/l	98
74) n-propylbenzene	13.041	91	5593709	176.997	ug/l	99
75) 2-Chlorotoluene	13.129	91	3468925	172.639	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	4028553	171.394	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	520390	195.735	ug/l	95
78) 4-Chlorotoluene	13.229	91	3412415	177.148	ug/l	98
79) tert-butylbenzene	13.441	119	3386112	165.828	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	3921331	175.729	ug/l	99
81) sec-Butylbenzene	13.623	105	4362808	167.769	ug/l	99
82) p-Isopropyltoluene	13.735	119	3636122	171.417	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	2016264	178.100	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	1960055	186.688	ug/l	98
85) n-Butylbenzene	14.059	91	2794337	194.813	ug/l	98
86) Hexachloroethane	14.335	117	690813	169.409	ug/l	94
87) 1,2-Dichlorobenzene	14.112	146	1929050	181.460	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	269828	186.398	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	777567	253.593	ug/l	97
90) Hexachlorobutadiene	15.506	225	402293	153.210	ug/l	98
91) Naphthalene	15.647	128	2441737	254.151	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	803283	217.993	ug/l	97

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

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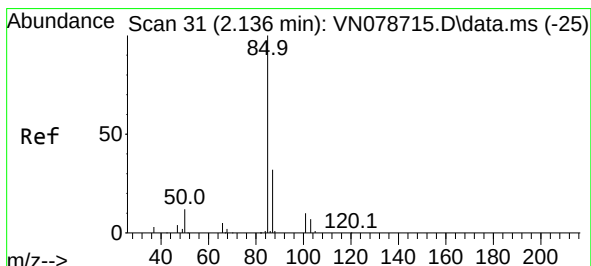
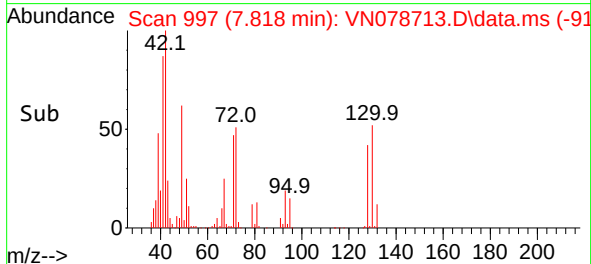
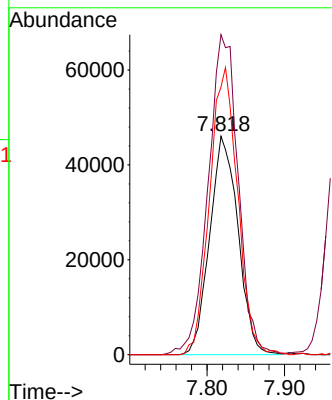
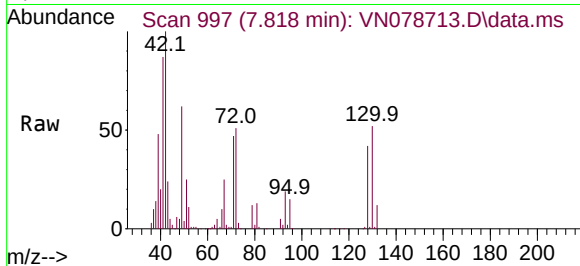




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

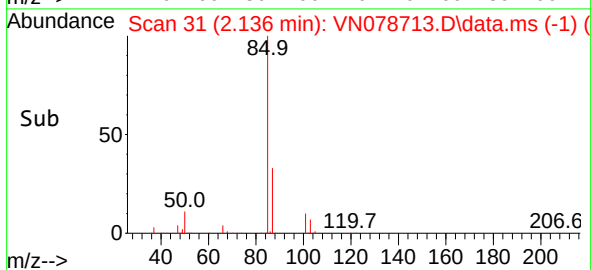
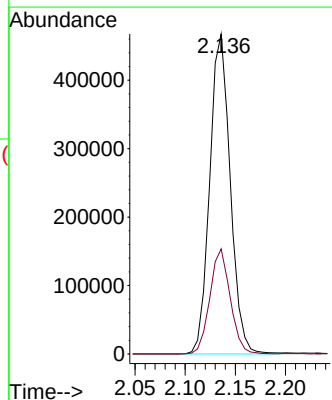
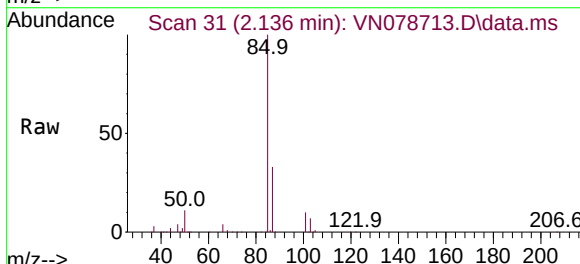
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

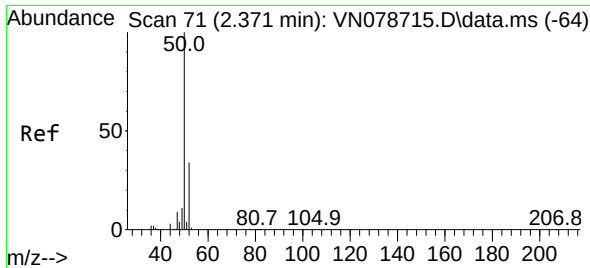
Tgt Ion:128 Resp: 117024
Ion Ratio Lower Upper
128 100
49 155.1 0.0 370.8
130 129.5 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 102.700 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 85 Resp: 664832
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.4

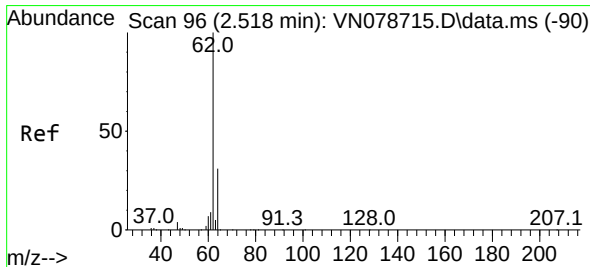
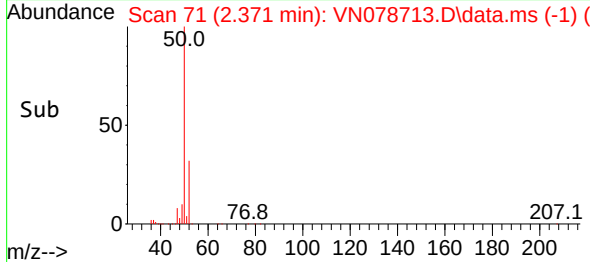
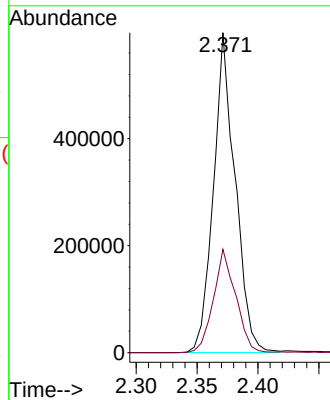
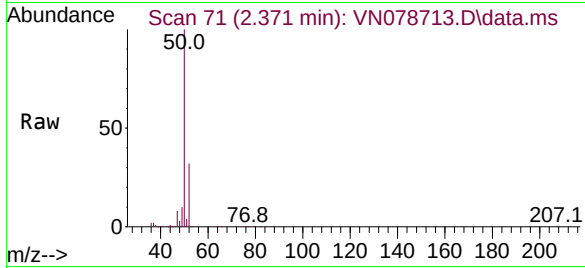




#3
Chloromethane
Concen: 91.997 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

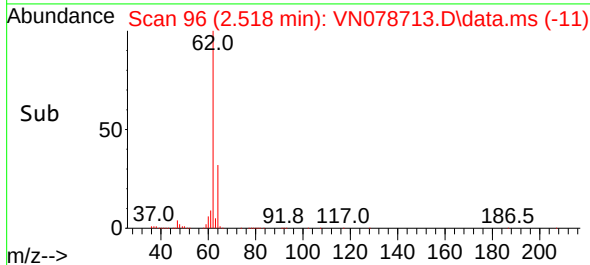
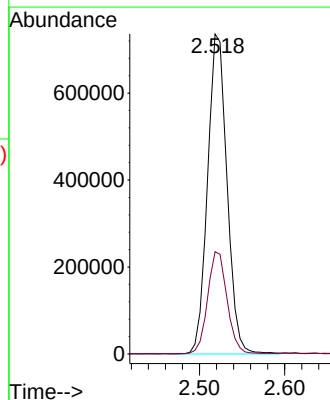
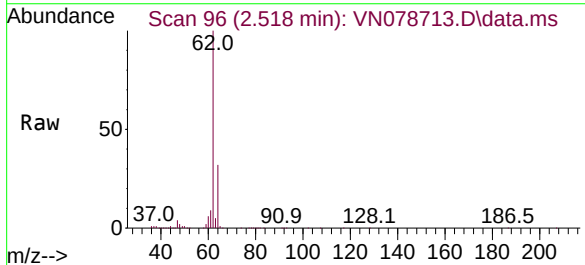
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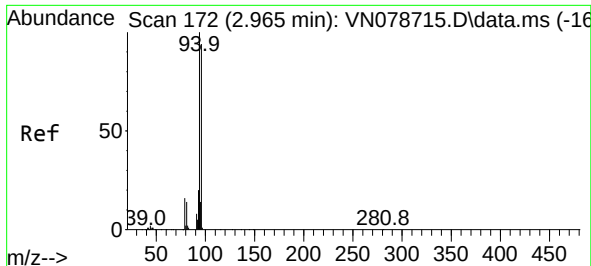
Tgt Ion: 50 Resp: 740003
Ion Ratio Lower Upper
50 100
52 32.3 24.6 36.8



#4
Vinyl Chloride
Concen: 111.041 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 62 Resp: 1167301
Ion Ratio Lower Upper
62 100
64 31.8 23.3 34.9

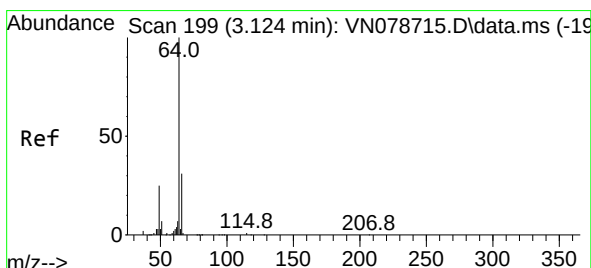
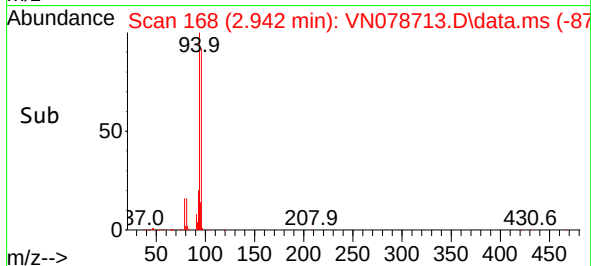
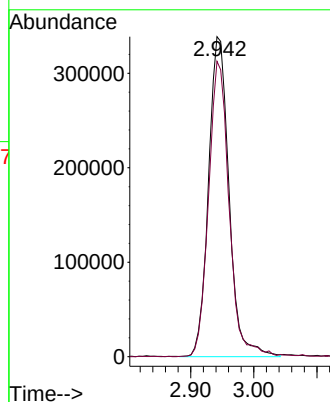
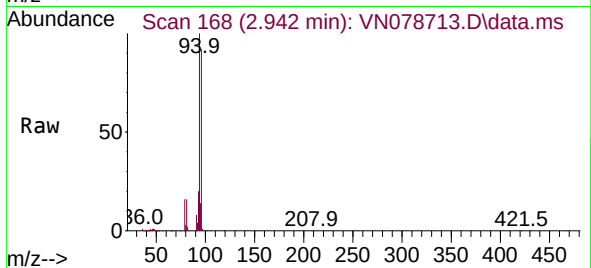




#5
Bromomethane
Concen: 95.014 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

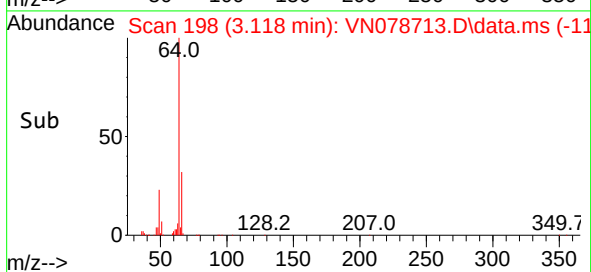
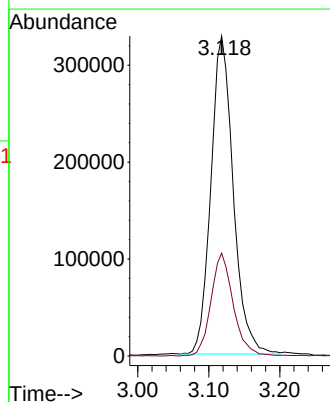
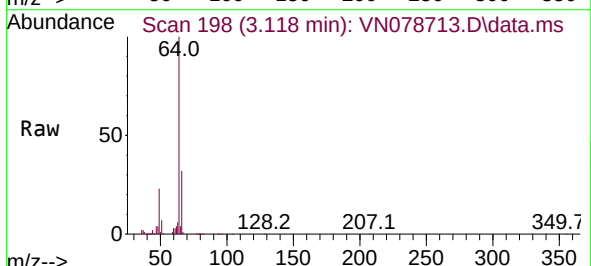
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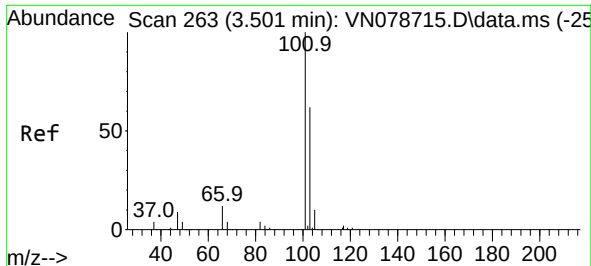
Tgt Ion: 94 Resp: 765201
Ion Ratio Lower Upper
94 100
96 92.3 73.9 110.9



#6
Chloroethane
Concen: 103.916 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 64 Resp: 717786
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

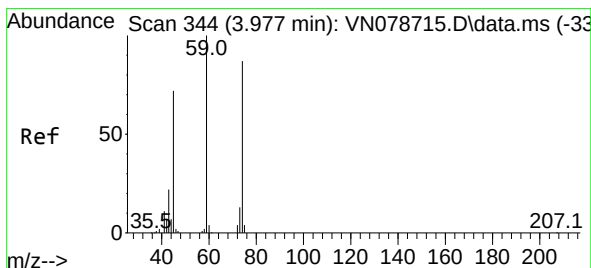
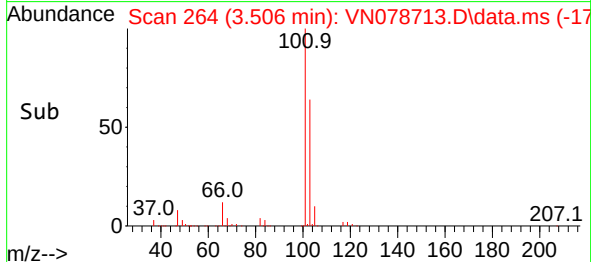
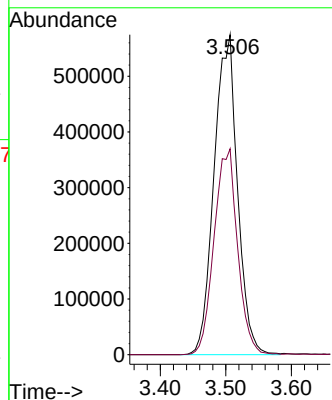
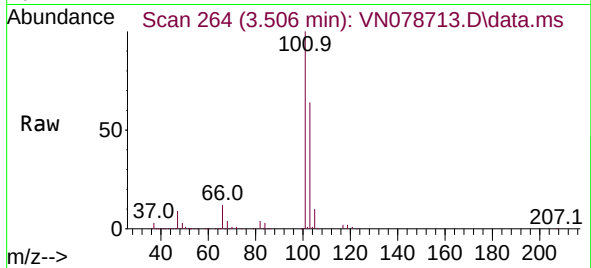




#7
Trichlorofluoromethane
Concen: 130.333 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

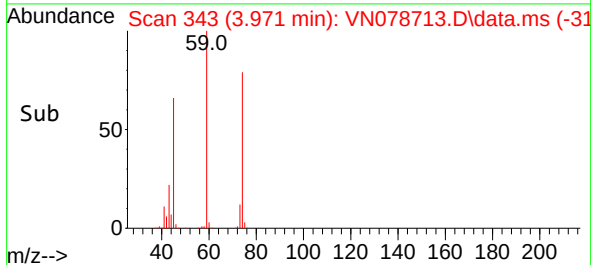
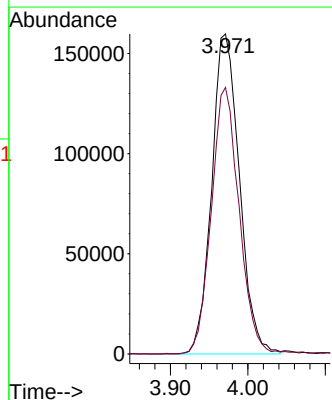
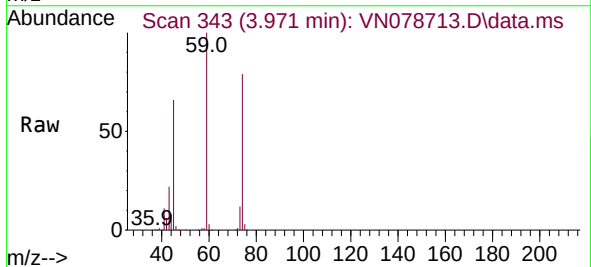
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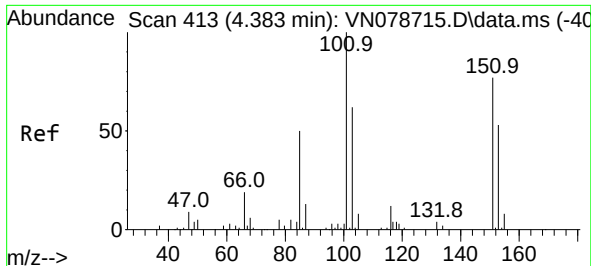
Tgt Ion:101 Resp: 1423282
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6



#8
Diethyl Ether
Concen: 112.685 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 74 Resp: 397405
Ion Ratio Lower Upper
74 100
45 83.1 16.3 146.5

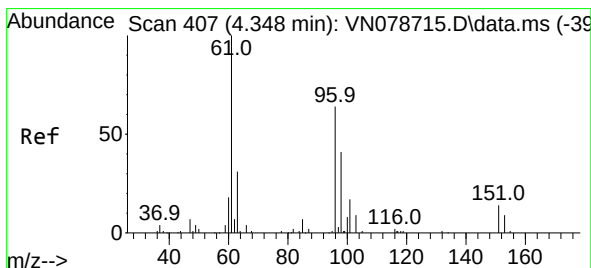
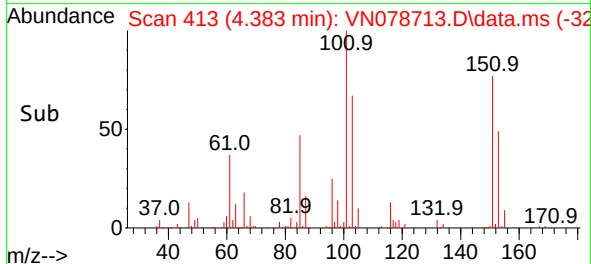
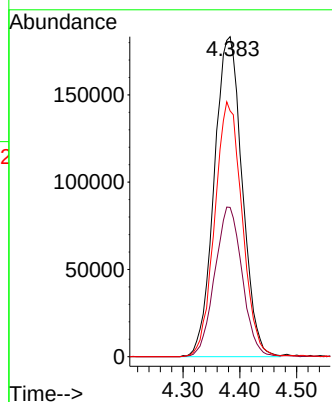
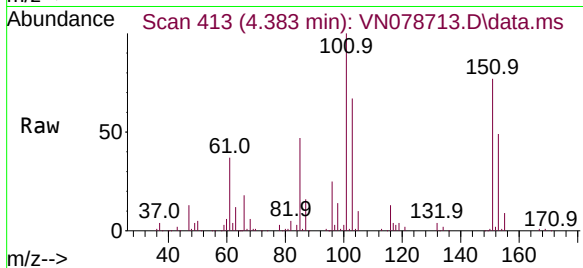




#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.886 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078713.D
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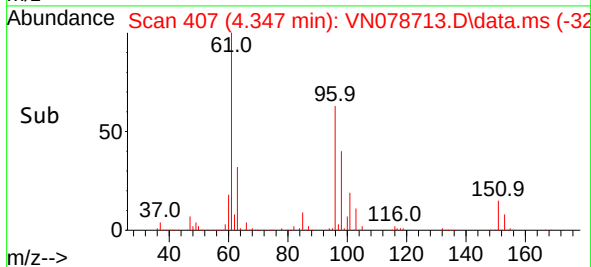
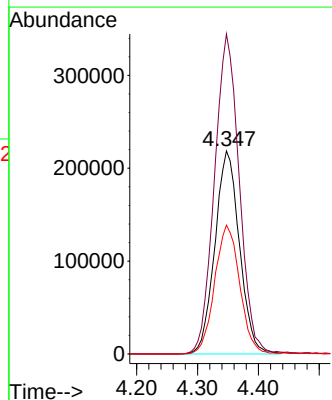
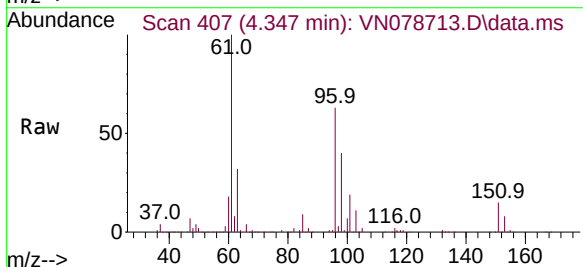
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

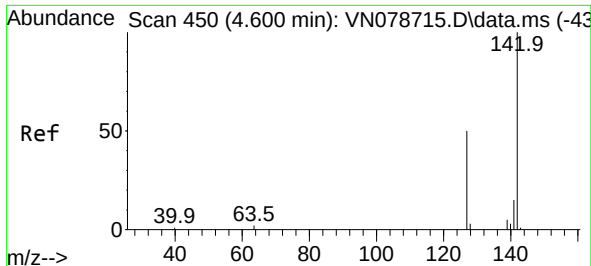
Tgt Ion:101 Resp: 627382
Ion Ratio Lower Upper
101 100
85 45.8 0.0 89.2
151 78.0 0.0 148.8



#10
1,1-Dichloroethene
Concen: 109.763 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 96 Resp: 612678
Ion Ratio Lower Upper
96 100
61 157.6 123.4 185.2
98 63.4 53.7 80.5

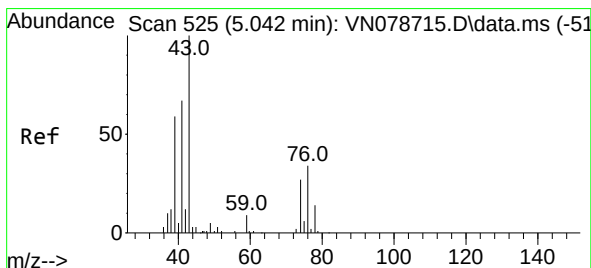
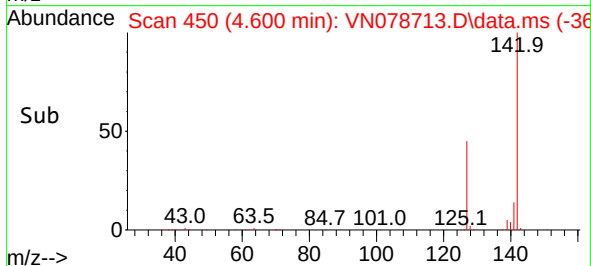
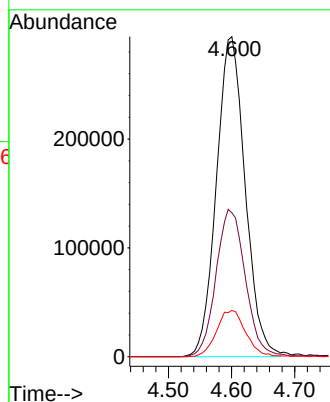
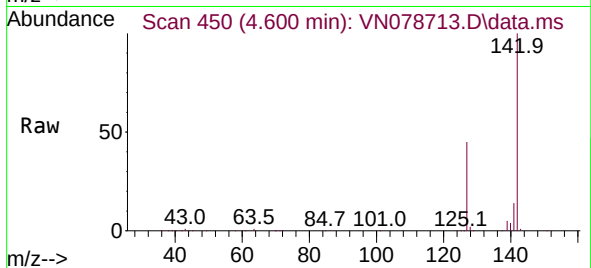




#11
Methyl Iodide
Concen: 120.139 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

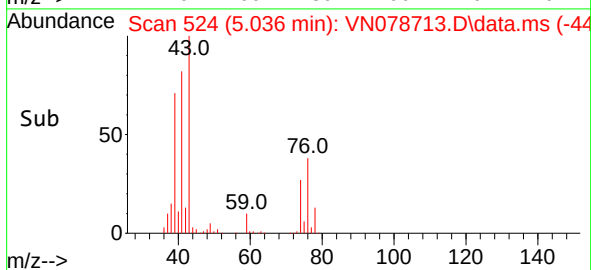
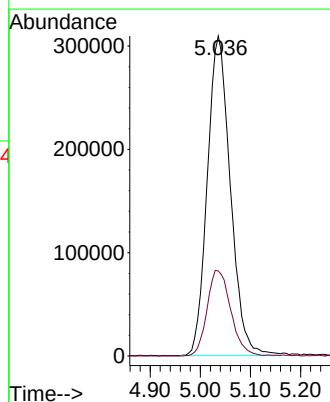
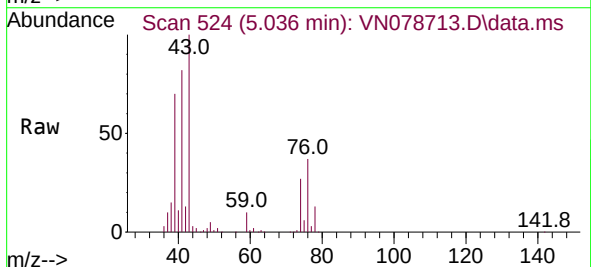
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

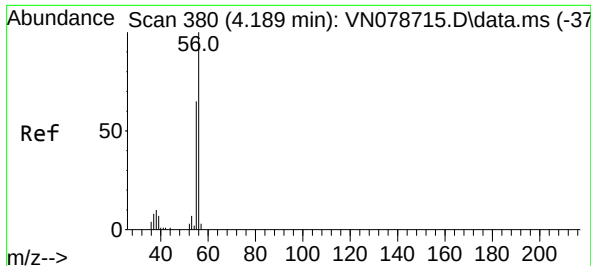
Tgt Ion:142 Resp: 929001
Ion Ratio Lower Upper
142 100
127 44.8 23.2 69.5
141 14.4 7.2 21.7



#12
Methyl Acetate
Concen: 120.160 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 43 Resp: 990864
Ion Ratio Lower Upper
43 100
74 26.6 20.5 30.7

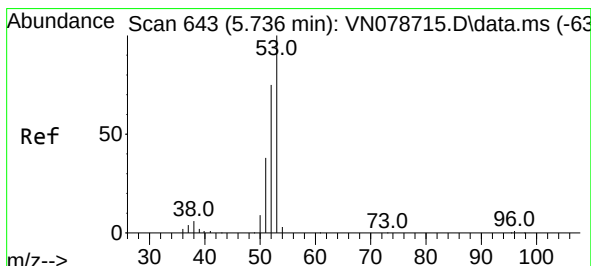
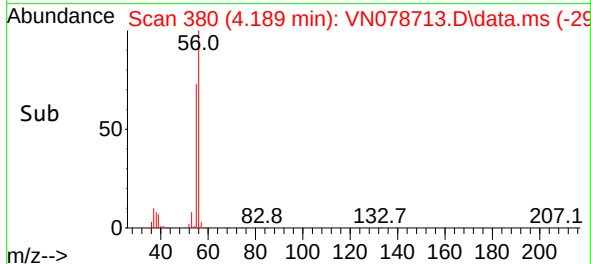
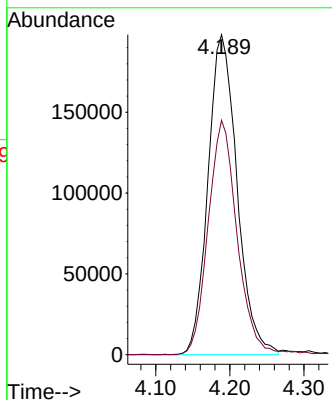
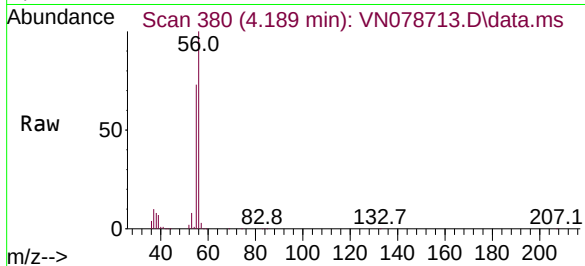




#13
Acrolein
Concen: 554.122 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

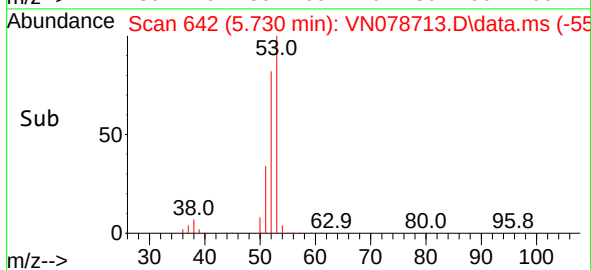
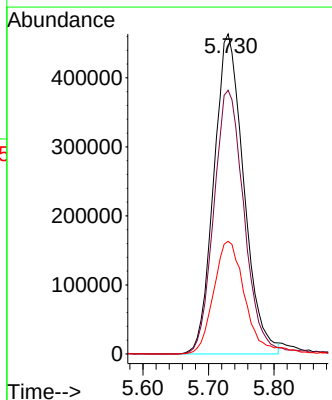
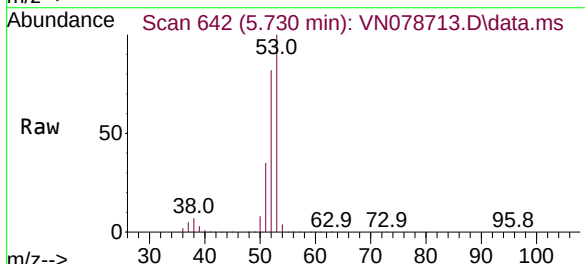
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

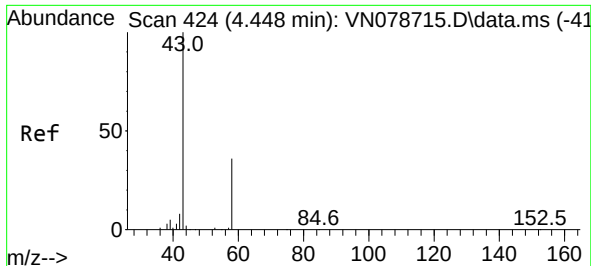
Tgt Ion: 56 Resp: 539407
Ion Ratio Lower Upper
56 100
55 72.6 59.0 88.4



#14
Acrylonitrile
Concen: 613.515 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 53 Resp: 1465488
Ion Ratio Lower Upper
53 100
52 83.6 42.3 126.9
51 36.2 18.4 55.4





#15

Acetone

Concen: 671.143 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

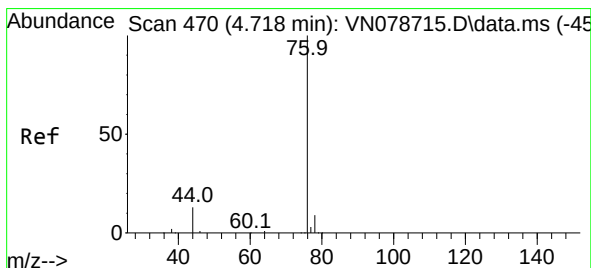
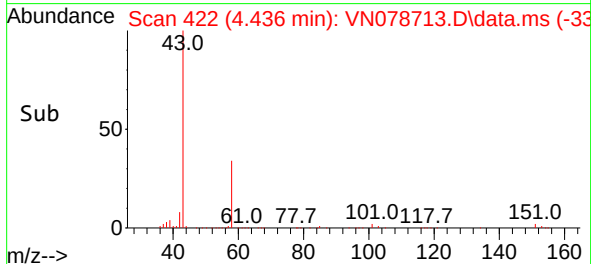
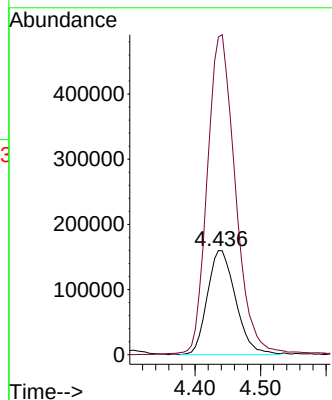
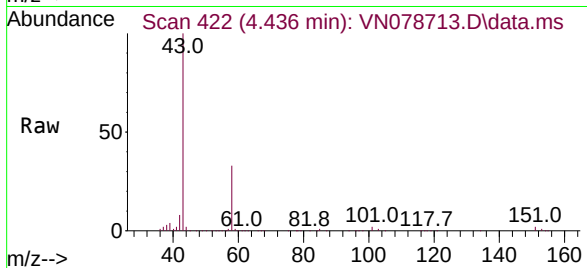
VSTDIC100

Tgt Ion: 58 Resp: 479129

Ion Ratio Lower Upper

58 100

43 303.9 227.5 341.3



#16

Carbon Disulfide

Concen: 106.587 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078713.D

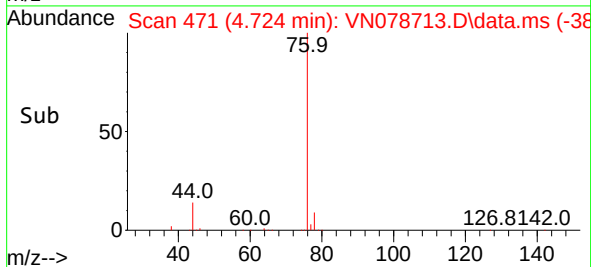
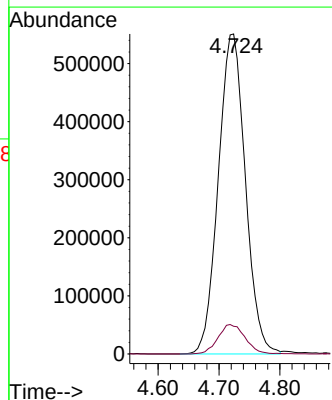
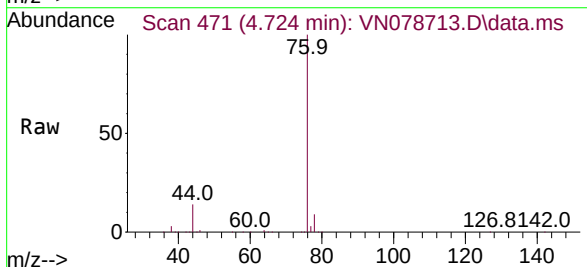
Acq: 01 Aug 2023 13:23

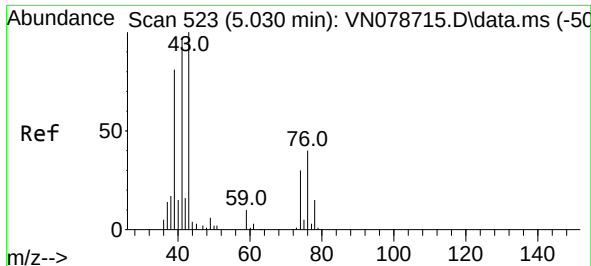
Tgt Ion: 76 Resp: 1699624

Ion Ratio Lower Upper

76 100

78 8.6 7.7 11.5





#17

Allyl chloride

Concen: 107.688 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

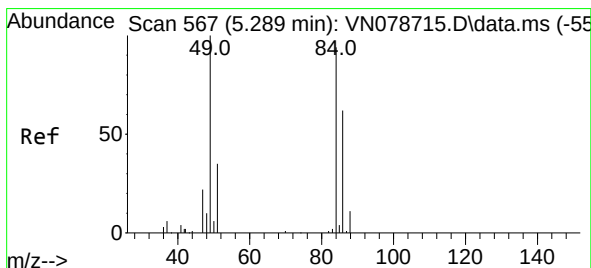
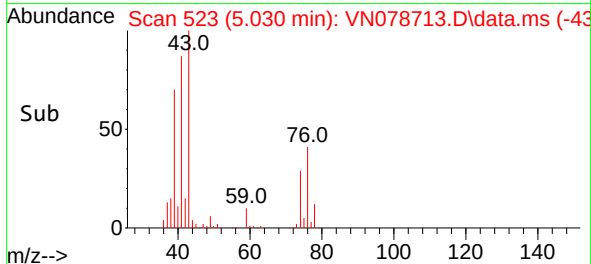
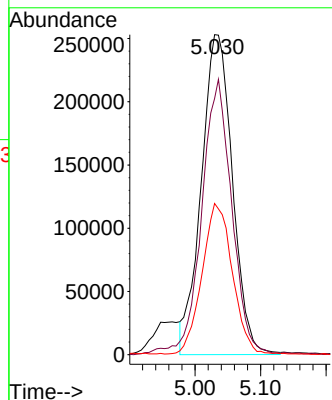
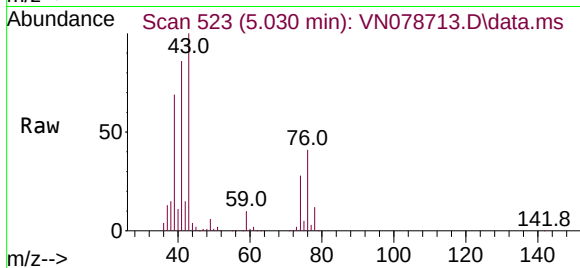
Tgt Ion: 41 Resp: 837281

Ion Ratio Lower Upper

41 100

39 80.2 37.6 112.8

76 47.2 23.8 71.4



#18

Methylene Chloride

Concen: 117.563 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.006 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Tgt Ion: 84 Resp: 708877

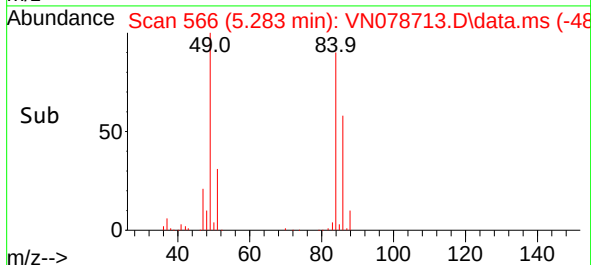
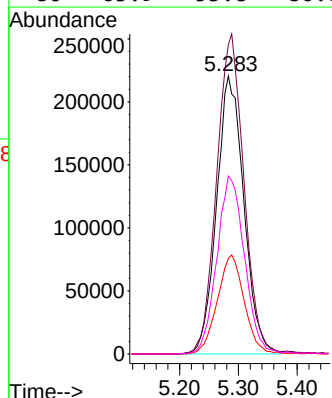
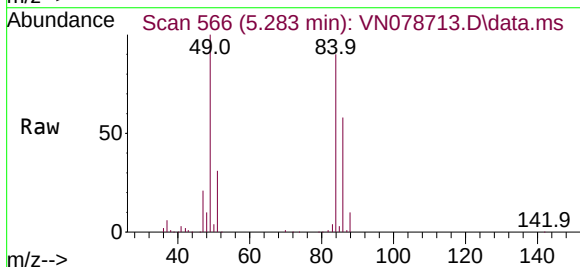
Ion Ratio Lower Upper

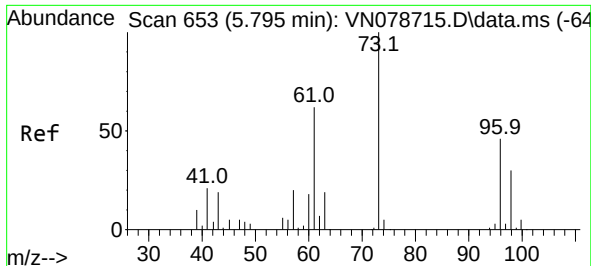
84 100

49 111.2 88.1 132.1

51 34.4 24.0 36.0

86 63.9 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 108.348 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.001 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

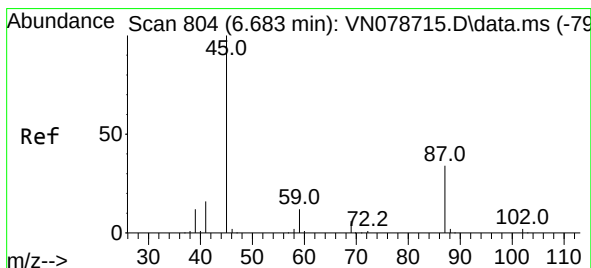
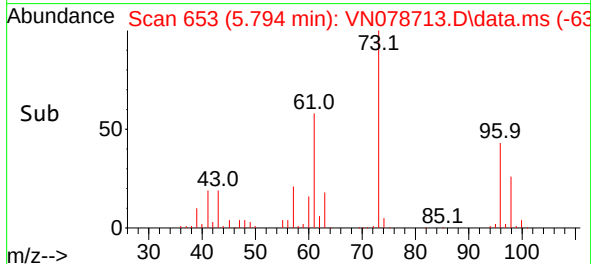
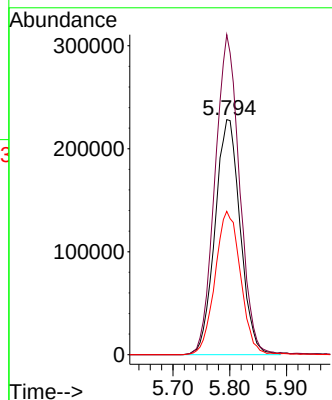
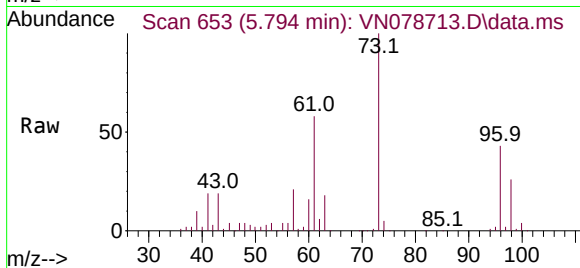
Tgt Ion: 96 Resp: 704417

Ion Ratio Lower Upper

96 100

61 136.2 105.2 157.8

98 61.0 50.5 75.7



#20

Diisopropyl ether

Concen: 118.216 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Tgt Ion: 45 Resp: 2014394

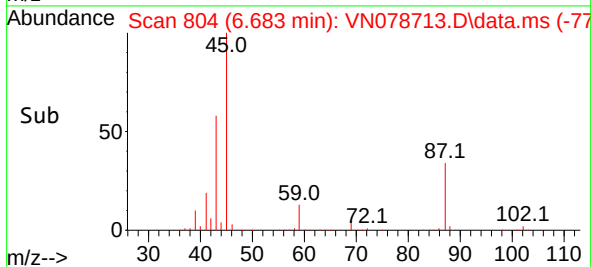
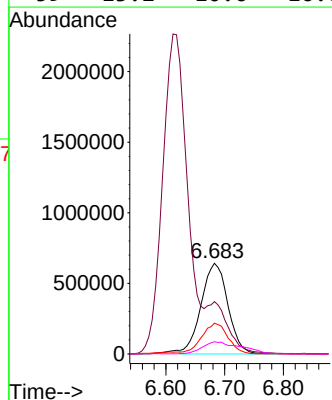
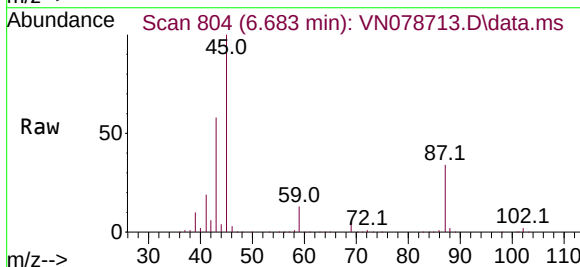
Ion Ratio Lower Upper

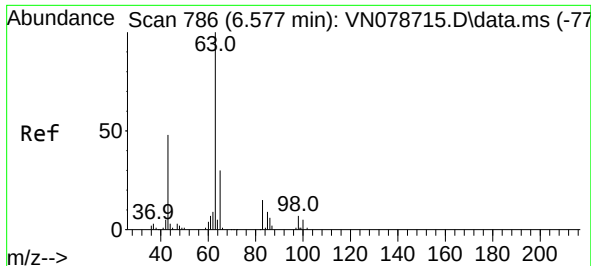
45 100

43 57.1 43.6 65.4

87 33.9 25.8 38.6

59 13.2 10.6 16.0





#21

1,1-Dichloroethane

Concen: 111.730 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

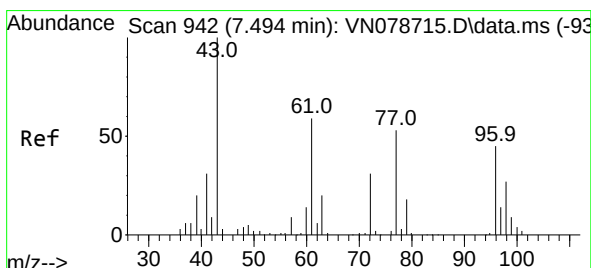
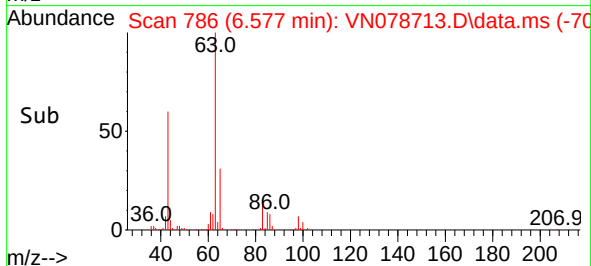
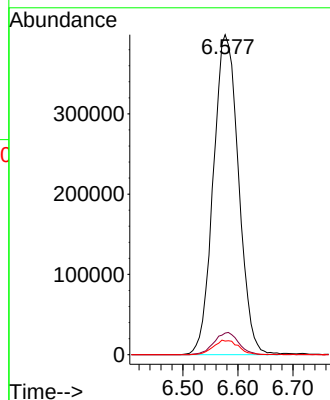
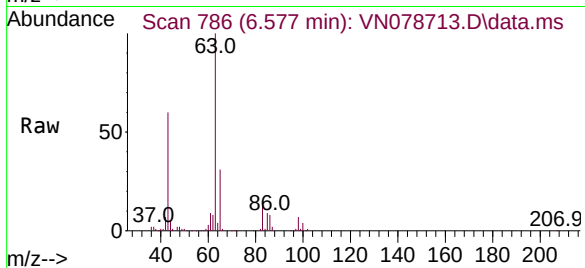
Tgt Ion: 63 Resp: 1270609

Ion Ratio Lower Upper

63 100

98 6.7 2.7 8.1

100 4.3 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 115.664 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

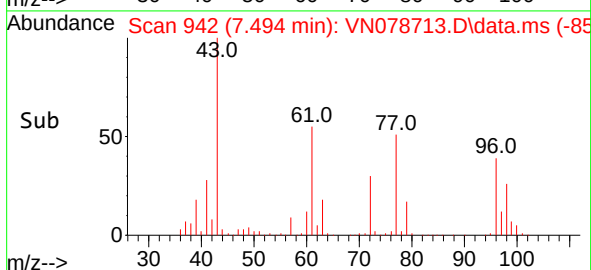
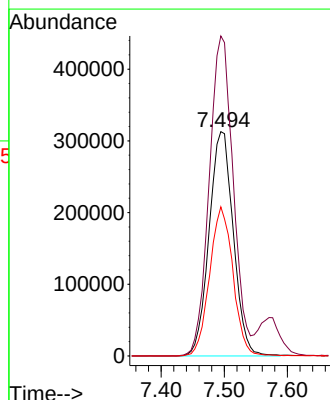
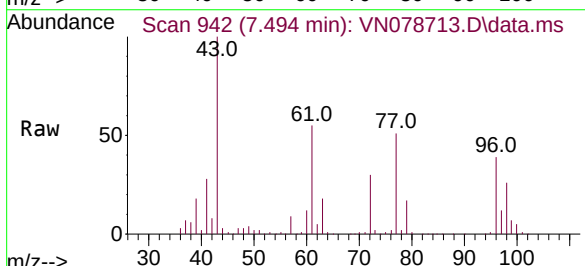
Tgt Ion: 96 Resp: 835039

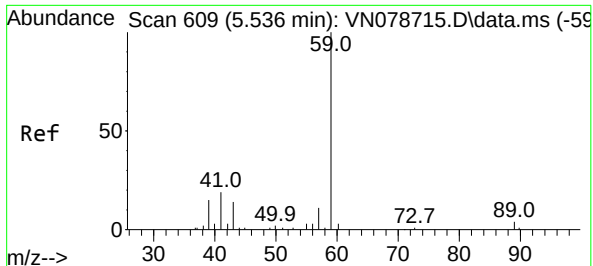
Ion Ratio Lower Upper

96 100

61 140.8 113.8 170.6

98 64.0 52.2 78.4

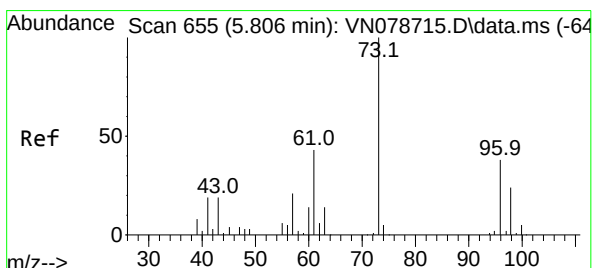
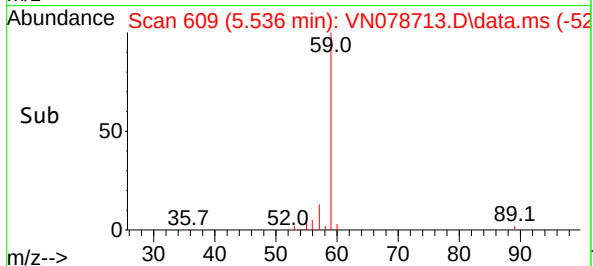
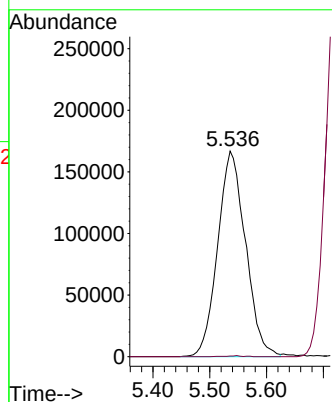
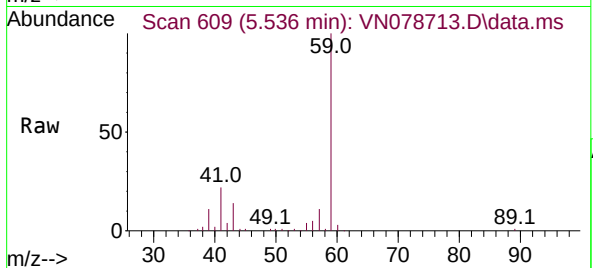




#23
tert-Butyl Alcohol
Concen: 519.936 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

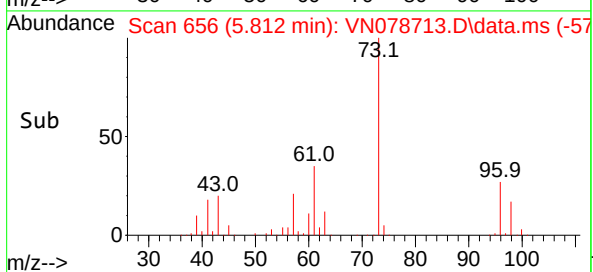
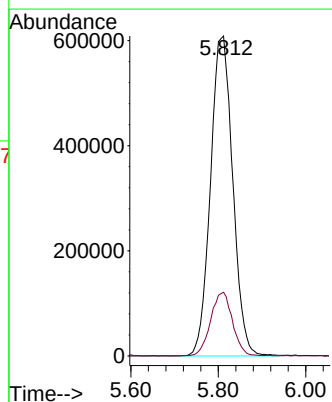
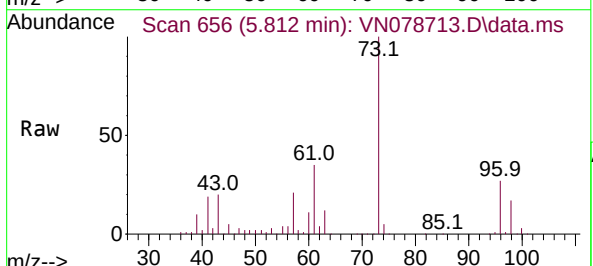
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

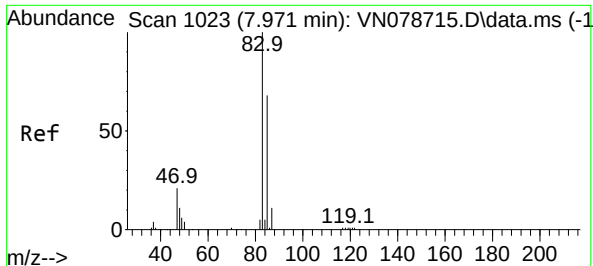
Tgt Ion: 59 Resp: 568207
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 114.443 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 73 Resp: 2152463
Ion Ratio Lower Upper
73 100
43 19.5 14.5 21.7





#25

Chloroform

Concen: 151.083 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

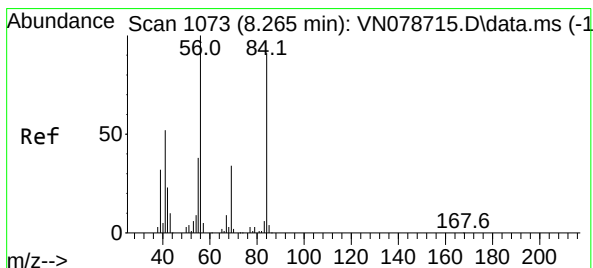
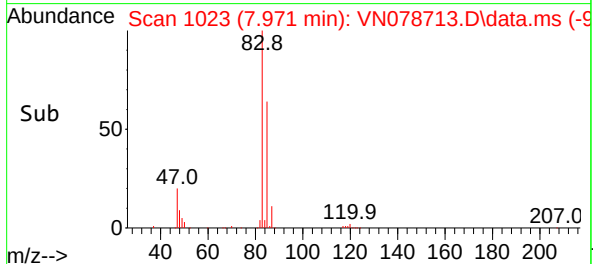
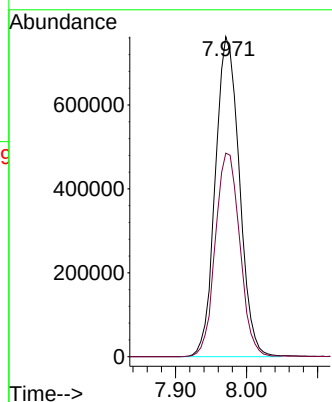
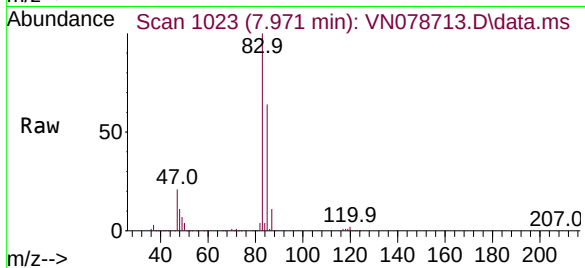
VSTDIC100

Tgt Ion: 83 Resp: 1794381

Ion Ratio Lower Upper

83 100

85 63.6 53.4 80.0



#26

Cyclohexane

Concen: 146.388 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

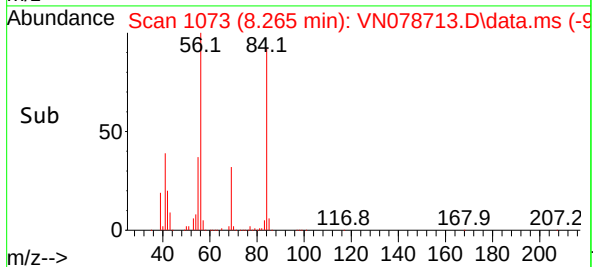
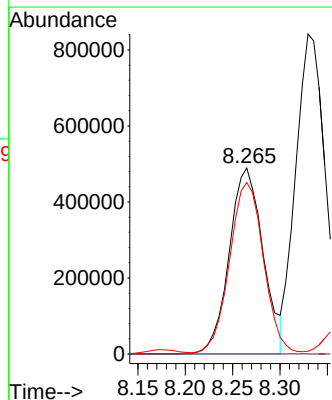
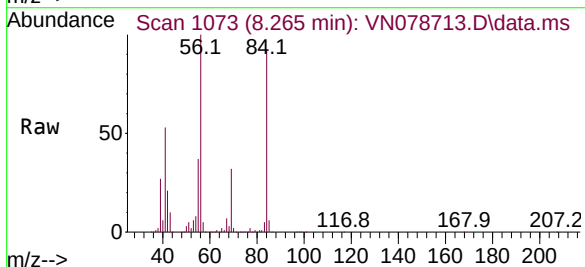
Tgt Ion: 56 Resp: 1214799

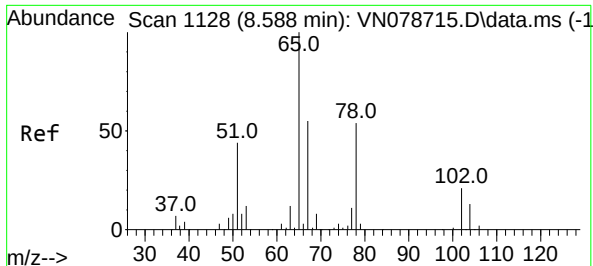
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.9 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 41.136 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.005 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

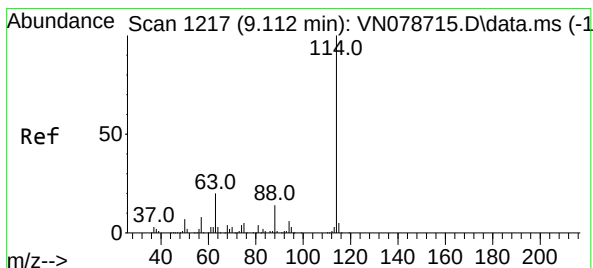
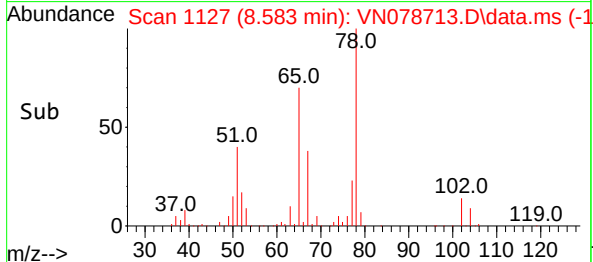
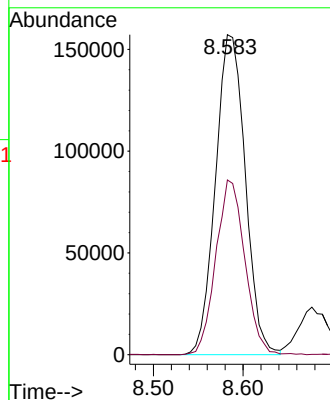
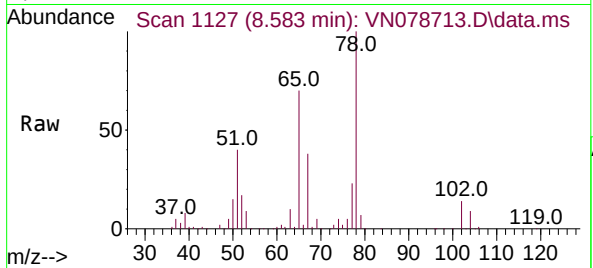
VSTDIC100

Tgt Ion: 65 Resp: 362718

Ion Ratio Lower Upper

65 100

67 53.0 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

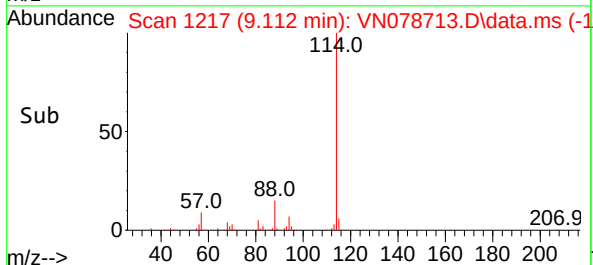
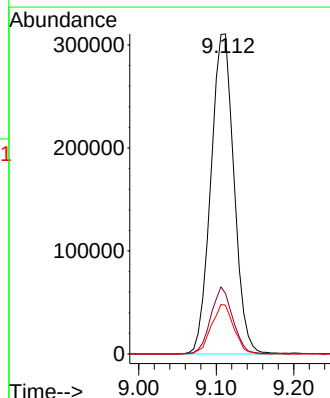
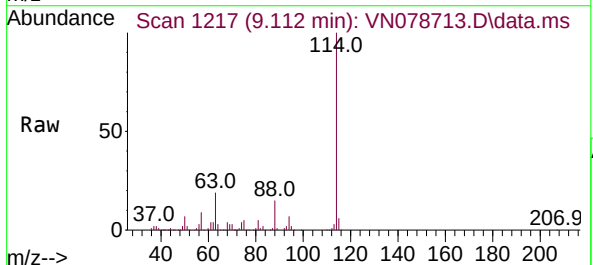
Tgt Ion: 114 Resp: 644763

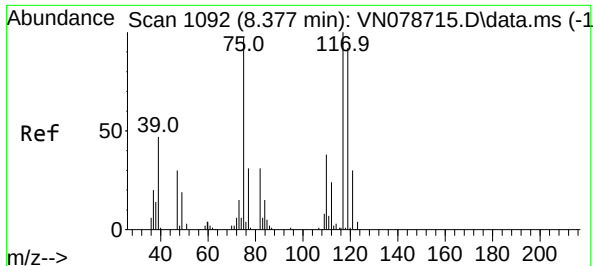
Ion Ratio Lower Upper

114 100

63 19.8 15.2 22.8

88 15.0 12.5 18.7





#29

1,1-Dichloropropene

Concen: 166.362 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

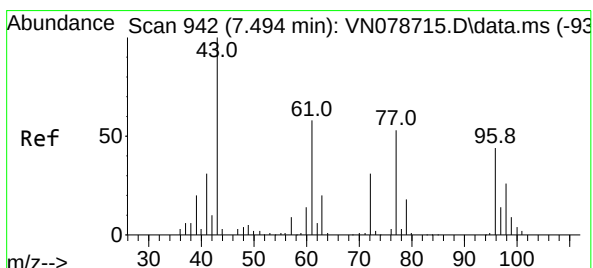
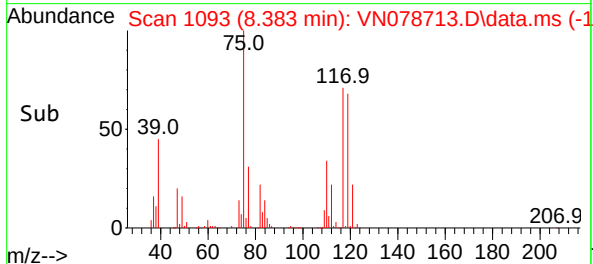
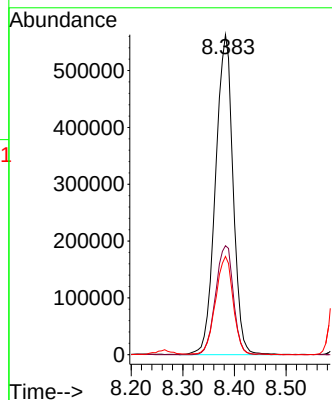
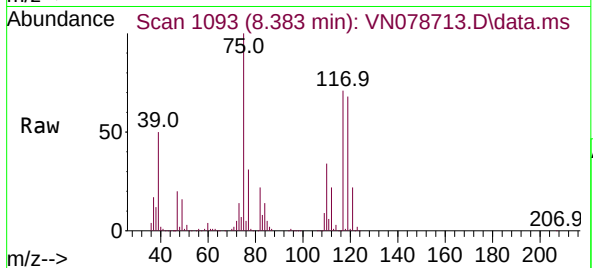
Tgt Ion: 75 Resp: 1324623

Ion Ratio Lower Upper

75 100

110 34.6 0.0 72.2

77 30.8 0.0 62.8



#30

2-Butanone

Concen: 657.806 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

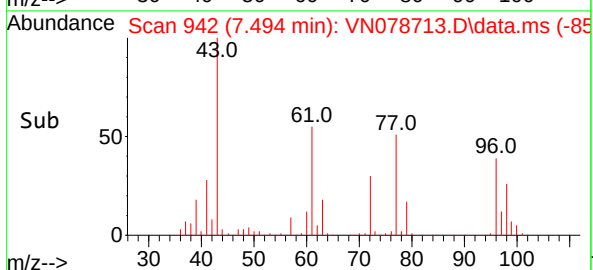
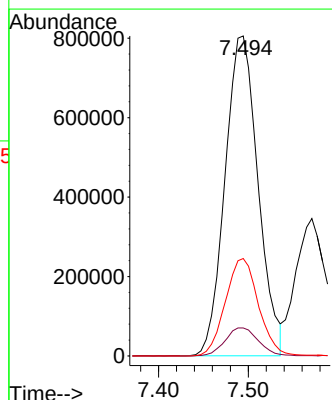
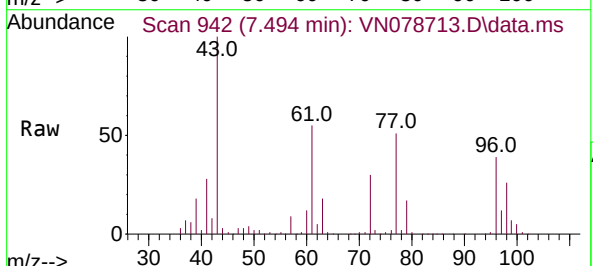
Tgt Ion: 43 Resp: 2062445

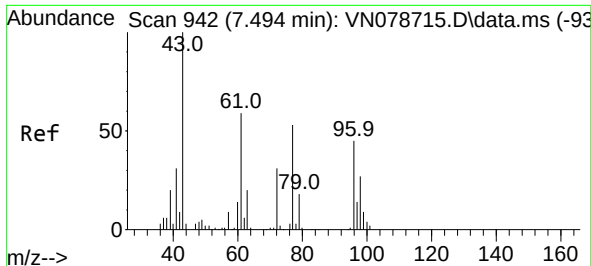
Ion Ratio Lower Upper

43 100

57 8.9 6.8 10.2

72 30.6 23.8 35.6





#31

2,2-Dichloropropane

Concen: 129.460 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

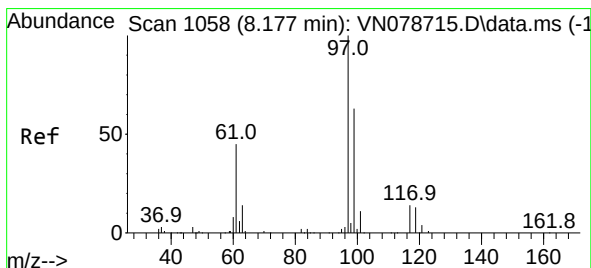
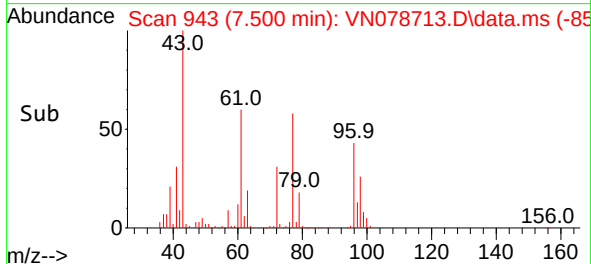
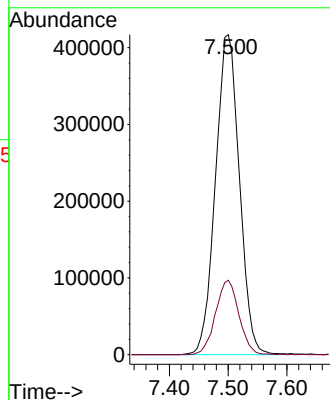
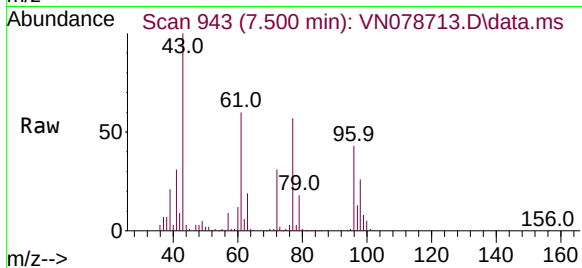
VSTDIC100

Tgt Ion: 77 Resp: 1178272

Ion Ratio Lower Upper

77 100

97 22.7 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 171.878 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

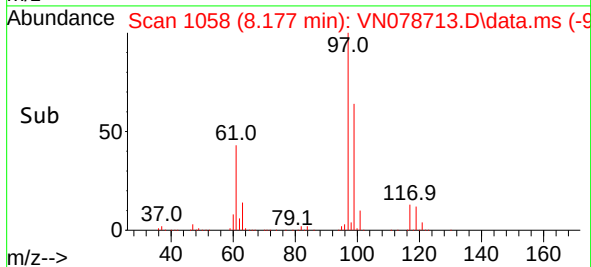
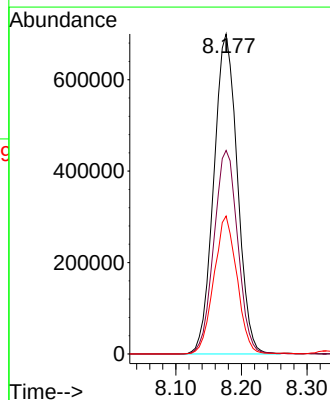
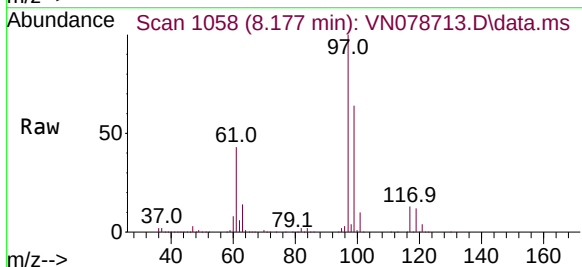
Tgt Ion: 97 Resp: 1749404

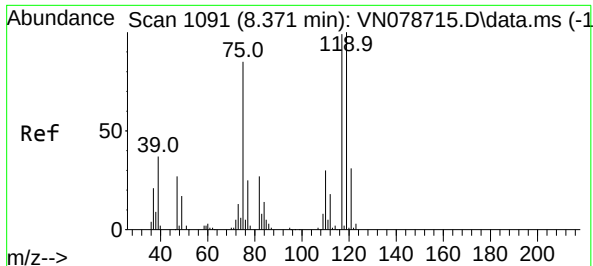
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.2 34.6 52.0

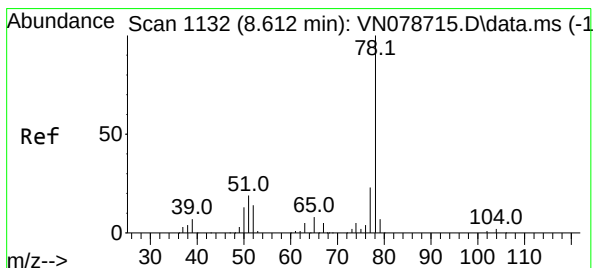
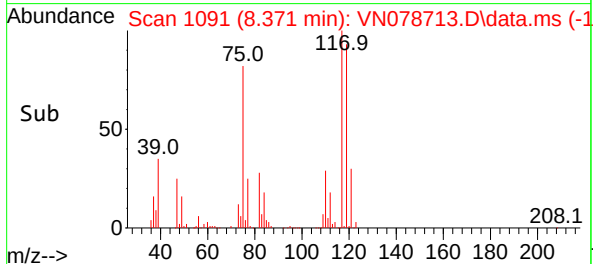
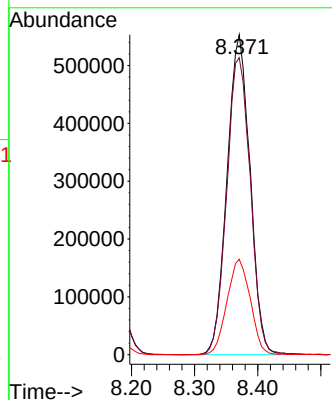
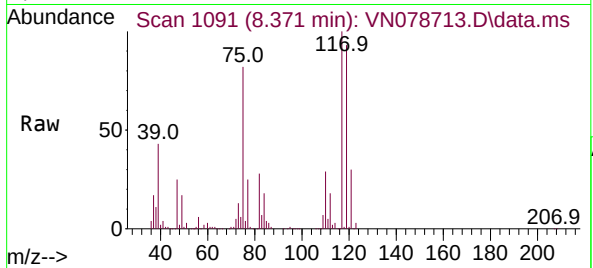




#33
Carbon Tetrachloride
Concen: 156.162 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

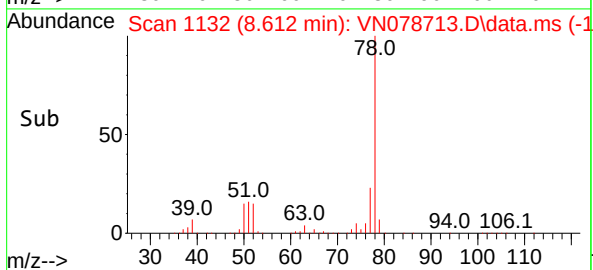
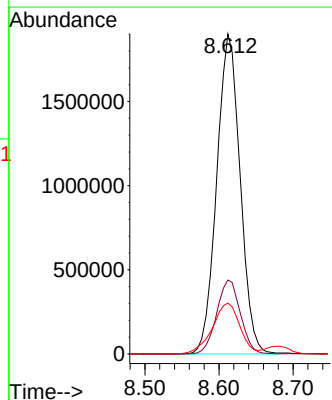
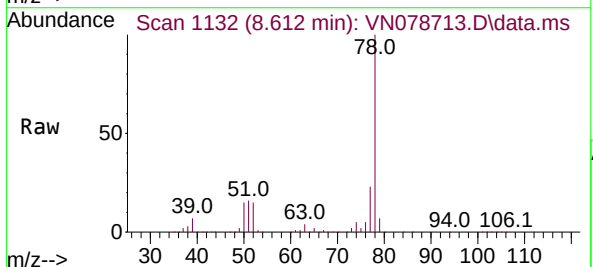
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

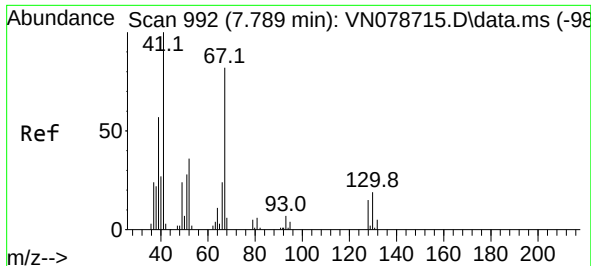
Tgt Ion:117 Resp: 1400689
Ion Ratio Lower Upper
117 100
119 92.8 81.4 122.0
121 29.8 23.6 35.4



#34
Benzene
Concen: 173.933 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 78 Resp: 4174870
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5
51 15.8 13.7 20.5

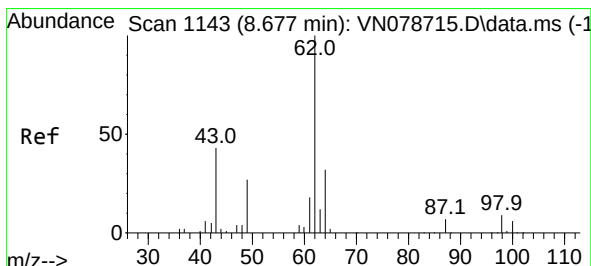
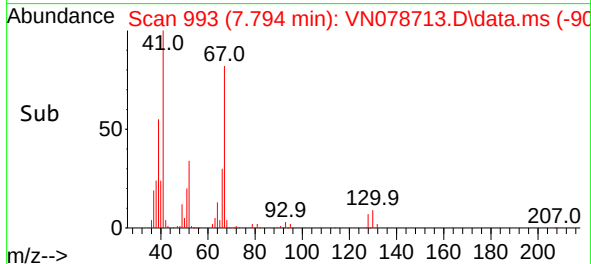
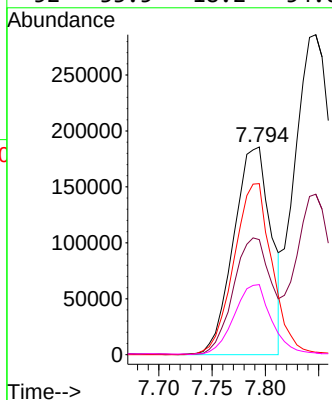
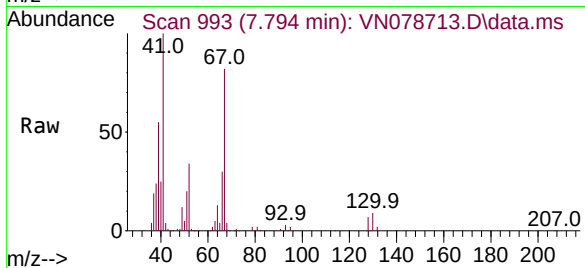




#35
Methacrylonitrile
Concen: 129.808 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.005 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

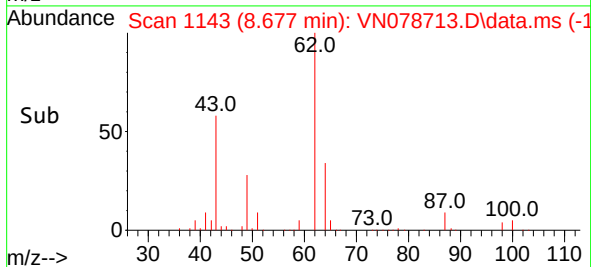
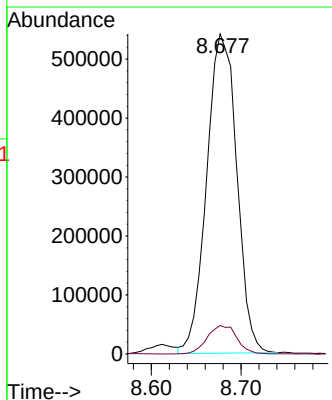
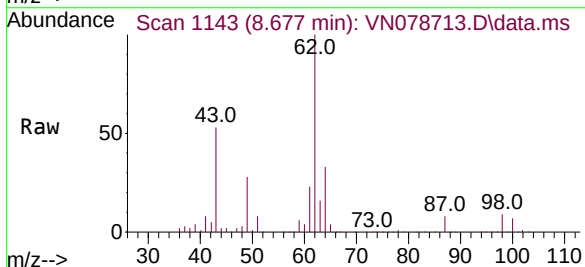
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

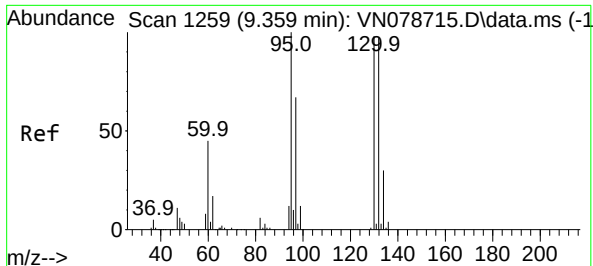
Tgt Ion: 41 Resp: 452870
Ion Ratio Lower Upper
41 100
39 55.2 33.9 101.6
67 82.4 45.9 137.6
52 33.5 18.2 54.6



#36
1,2-Dichloroethane
Concen: 148.866 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 62 Resp: 1260554
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 119.605 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

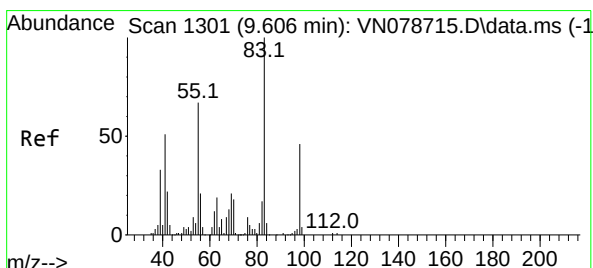
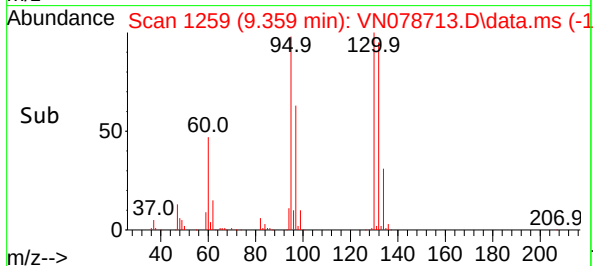
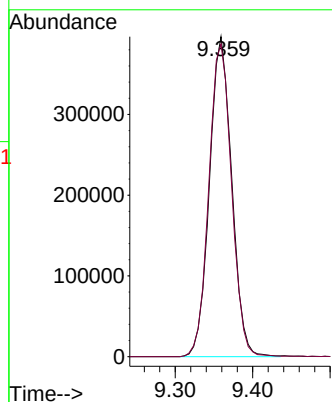
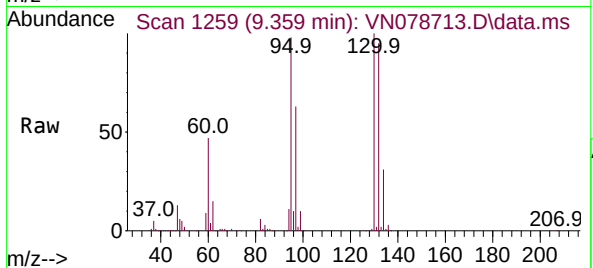
VSTDIC100

Tgt Ion:130 Resp: 790843

Ion Ratio Lower Upper

130 100

95 97.7 78.2 117.4



#38

Methylcyclohexane

Concen: 130.127 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

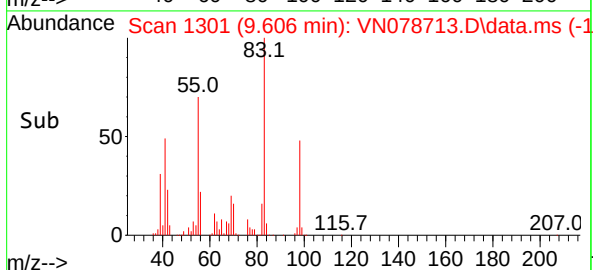
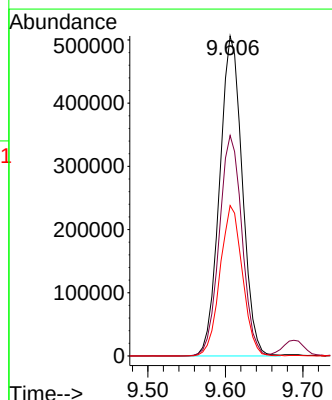
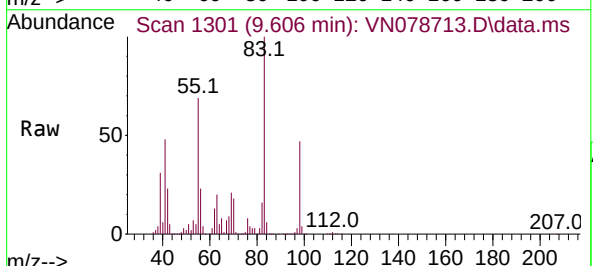
Tgt Ion: 83 Resp: 1028579

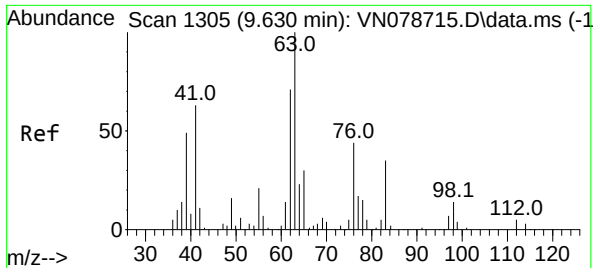
Ion Ratio Lower Upper

83 100

55 69.2 34.0 102.0

98 46.6 23.0 69.0





#39

1,2-Dichloropropane

Concen: 123.043 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

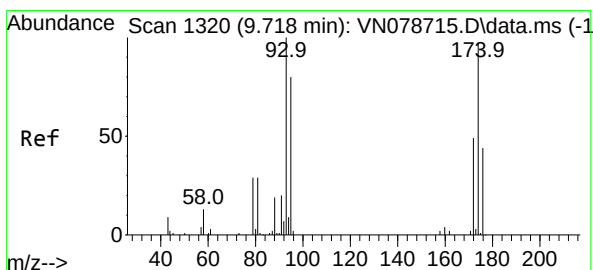
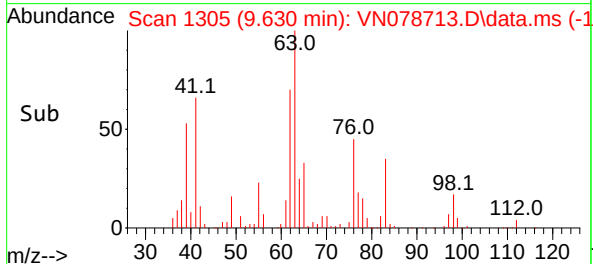
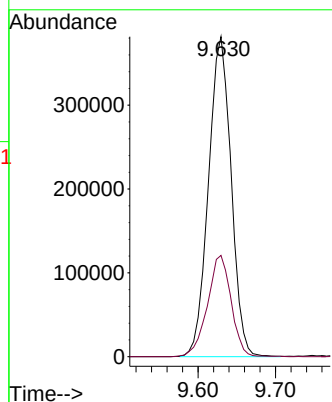
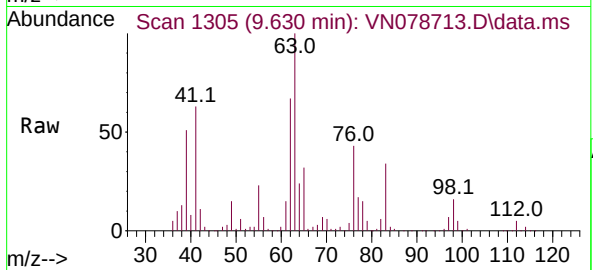
VSTDIC100

Tgt Ion: 63 Resp: 775024

Ion Ratio Lower Upper

63 100

65 31.5 27.4 41.2



#40

Dibromomethane

Concen: 125.960 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

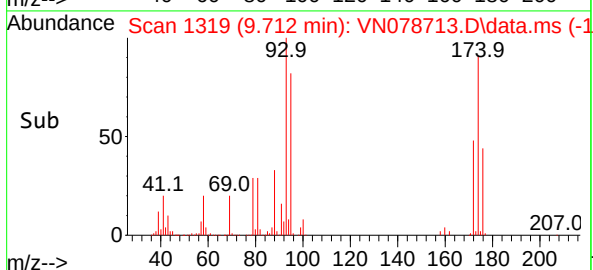
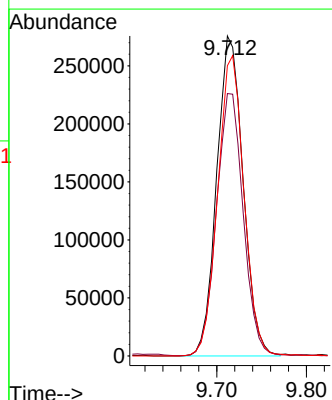
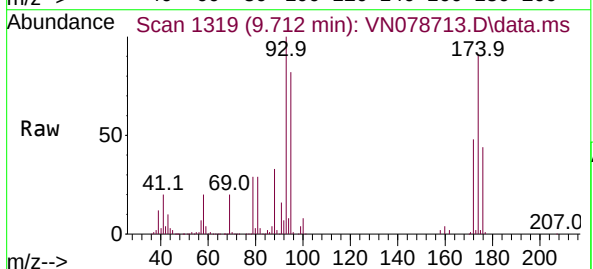
Tgt Ion: 93 Resp: 562591

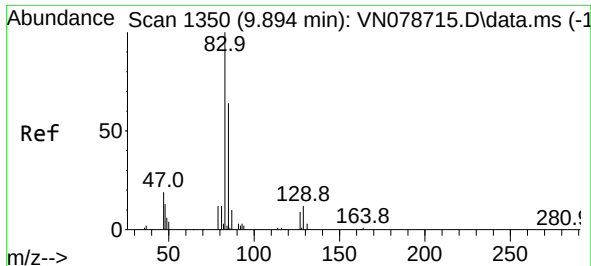
Ion Ratio Lower Upper

93 100

95 83.4 0.0 167.8

174 93.5 0.0 180.8

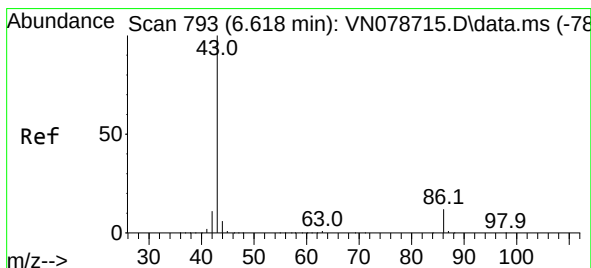
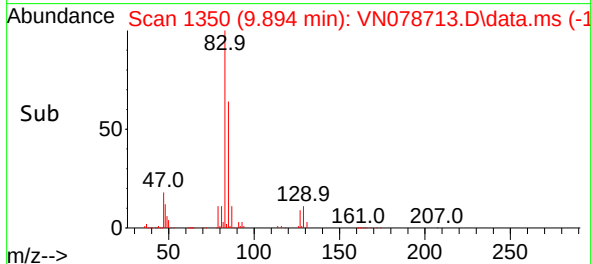
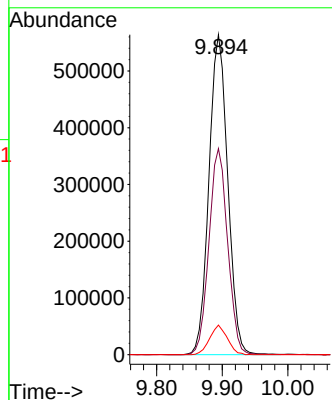
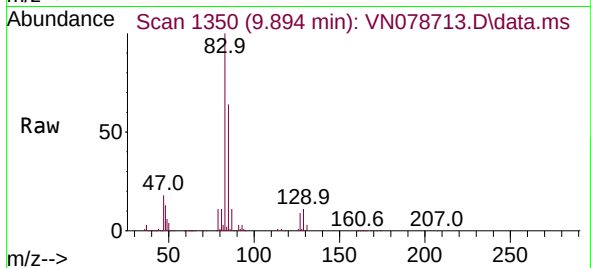




#41
Bromodichloromethane
Concen: 125.680 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

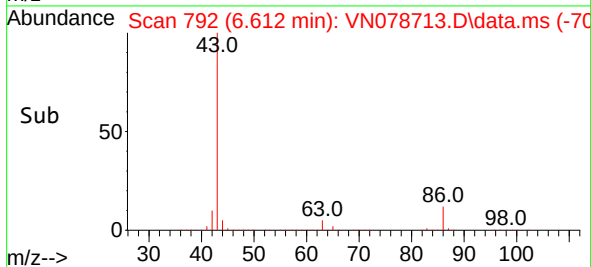
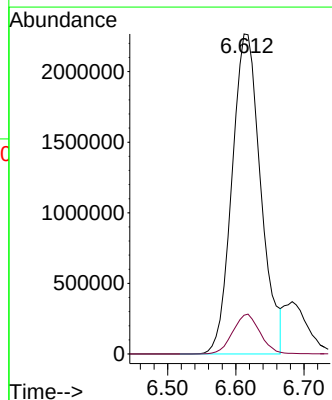
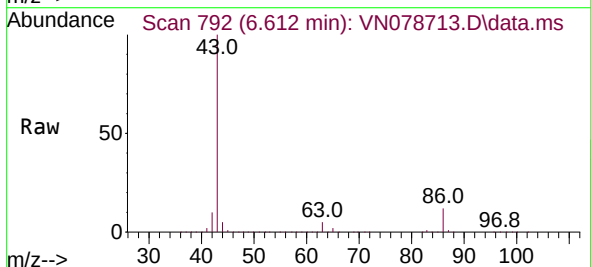
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

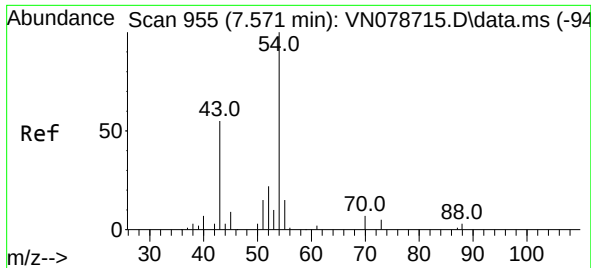
Tgt Ion: 83 Resp: 1123413
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 9.3 7.8 11.6



#42
Vinyl Acetate
Concen: 632.370 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 43 Resp: 6640707
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0

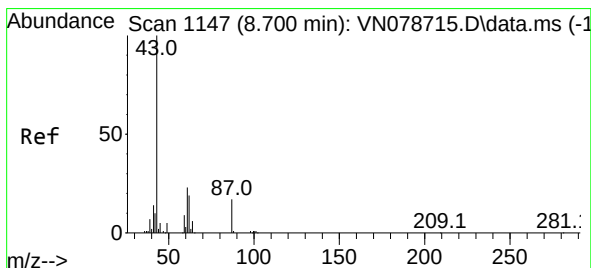
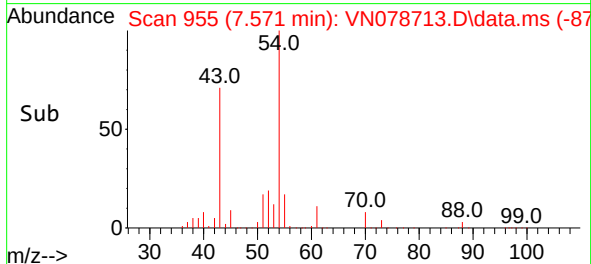
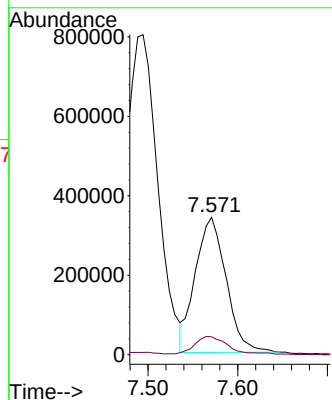
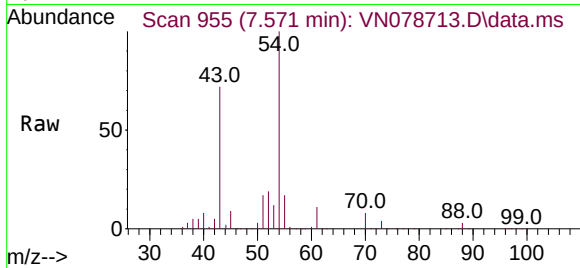




#43
Ethyl Acetate
Concen: 122.956 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

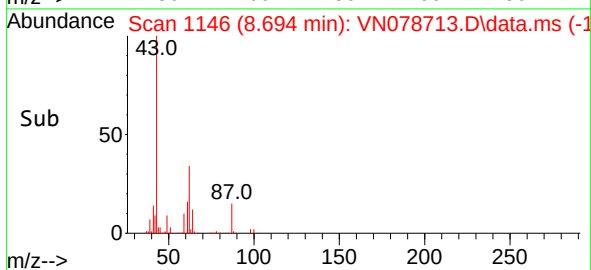
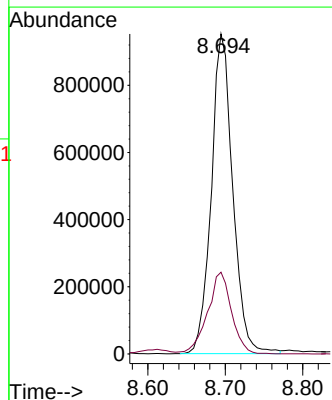
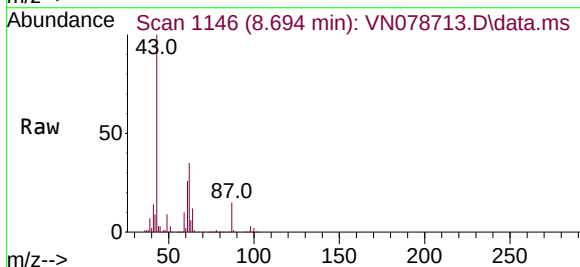
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

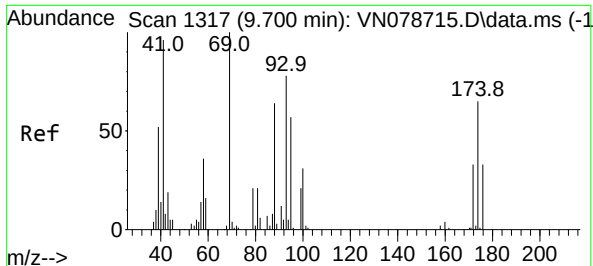
Tgt Ion: 43 Resp: 812785
Ion Ratio Lower Upper
43 100
45 12.9 10.9 16.3



#44
Isopropyl Acetate
Concen: 158.675 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 43 Resp: 1835308
Ion Ratio Lower Upper
43 100
61 28.5 23.0 34.6





#45

1,4-Dioxane

Concen: 2541.876 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

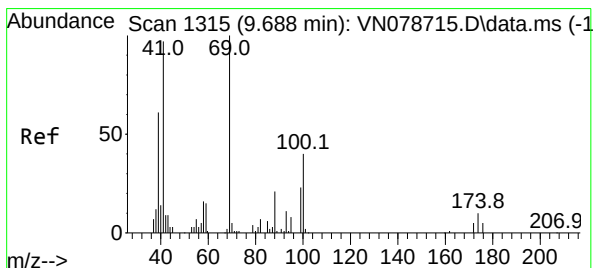
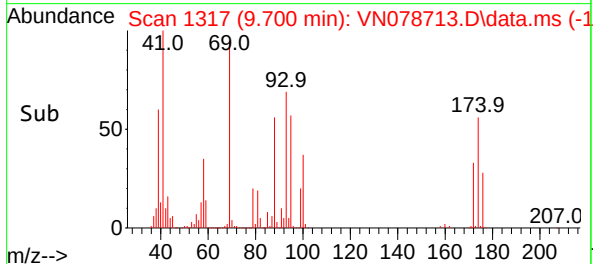
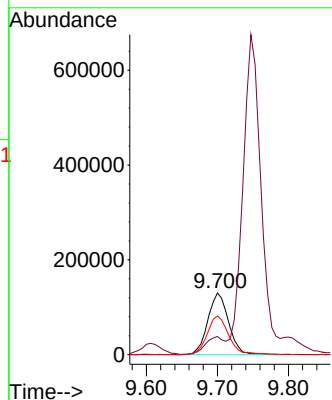
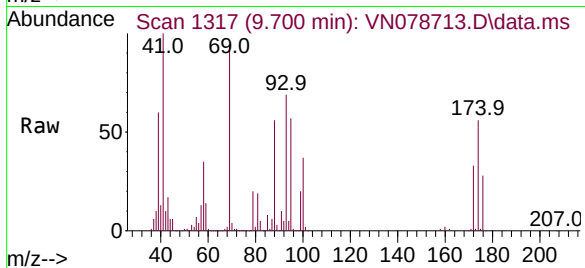
Tgt Ion: 88 Resp: 263959

Ion Ratio Lower Upper

88 100

43 26.5 19.0 28.6

58 65.3 48.2 72.2



#46

Methyl methacrylate

Concen: 134.463 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

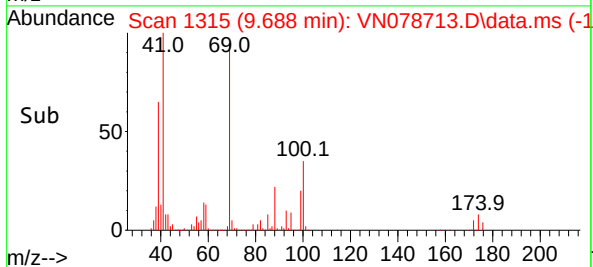
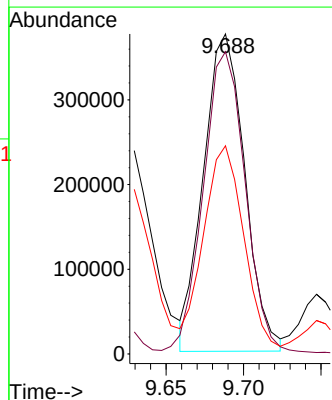
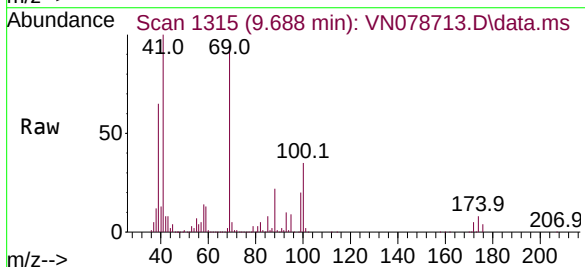
Tgt Ion: 41 Resp: 694368

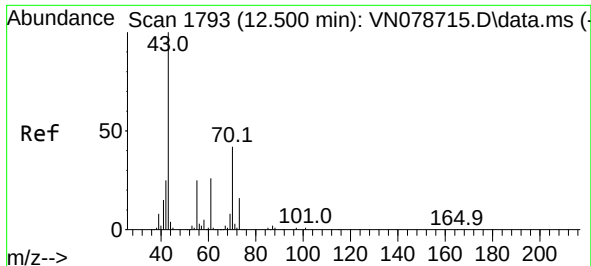
Ion Ratio Lower Upper

41 100

69 96.8 49.0 147.0

39 65.7 31.6 94.8

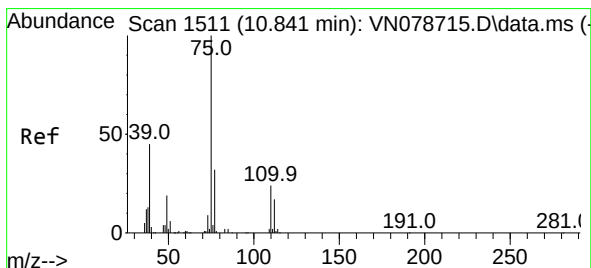
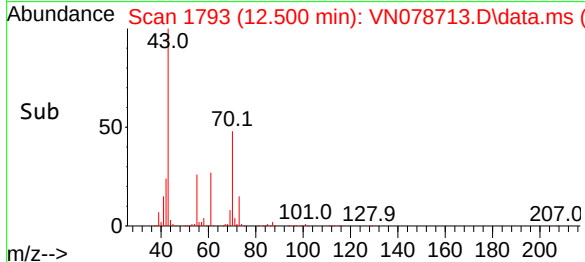
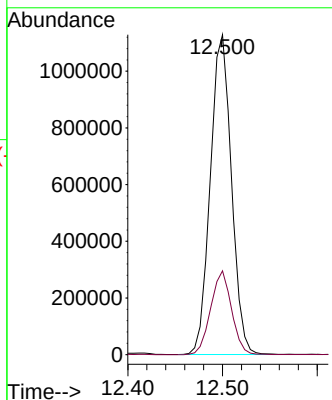
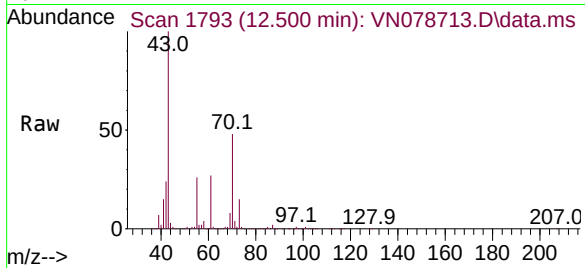




#47
n-amy1 Acetate
Concen: 206.588 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

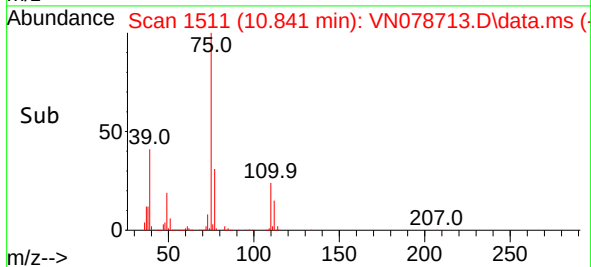
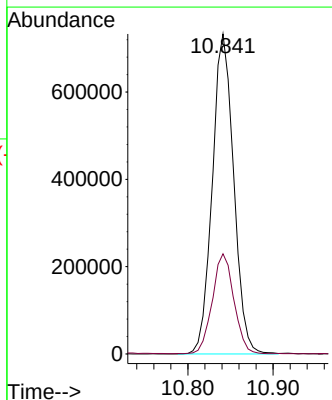
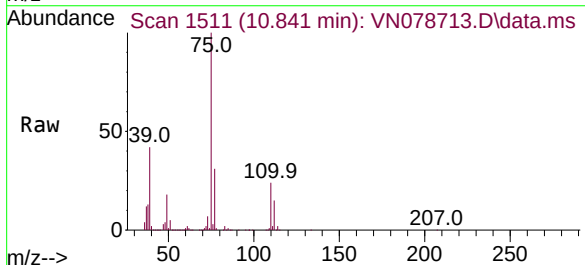
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

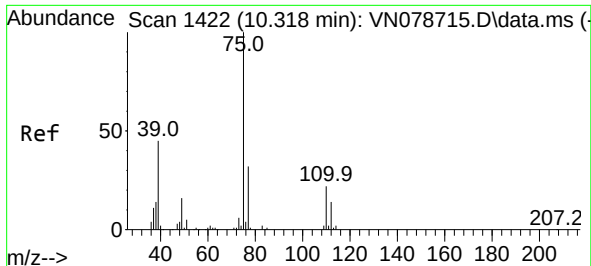
Tgt Ion: 43 Resp: 1748034
Ion Ratio Lower Upper
43 100
55 25.9 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 134.675 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 75 Resp: 1278553
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 131.420 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

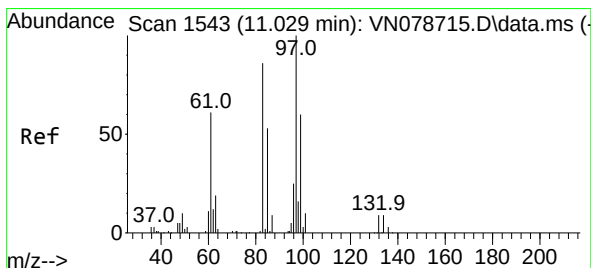
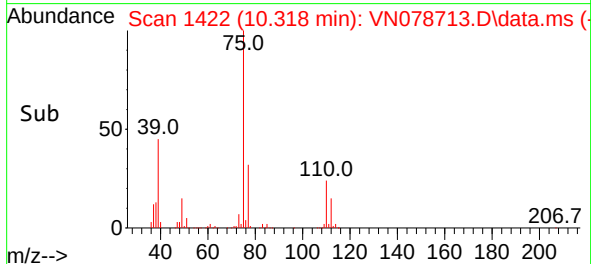
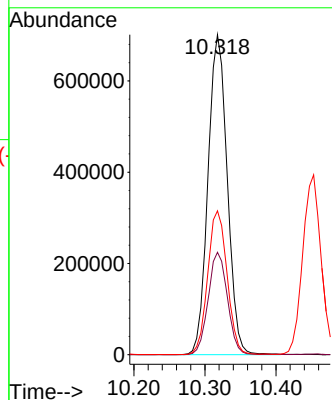
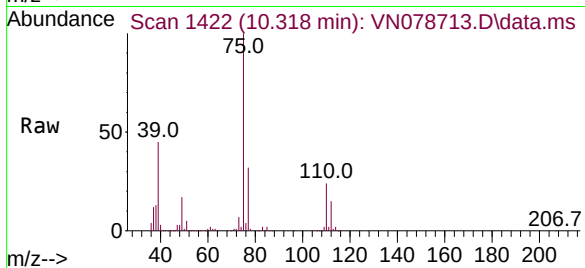
Tgt Ion: 75 Resp: 1321979

Ion Ratio Lower Upper

75 100

77 32.0 24.0 36.0

39 44.9 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 116.621 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.005 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Tgt Ion: 97 Resp: 748932

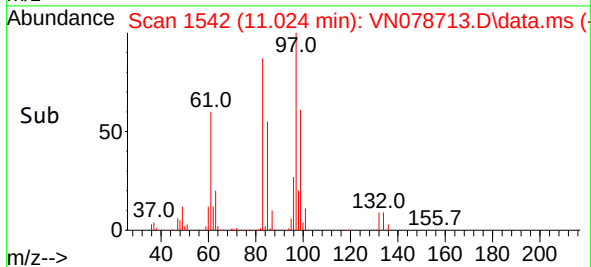
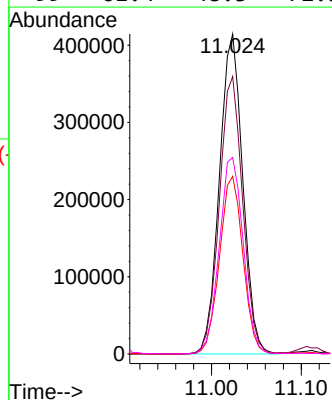
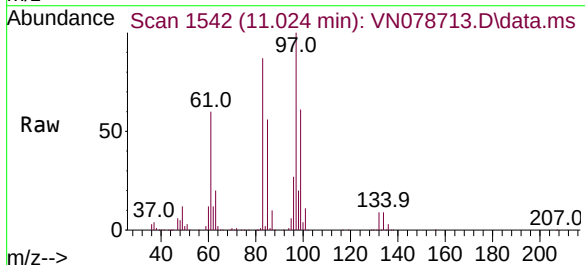
Ion Ratio Lower Upper

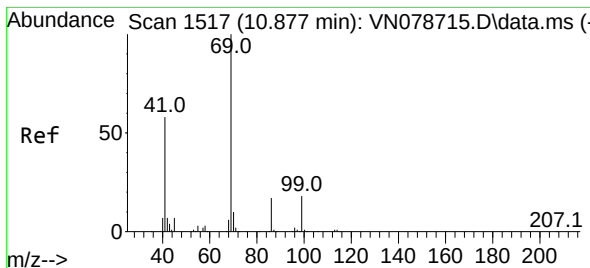
97 100

83 86.7 66.8 100.2

85 55.5 42.5 63.7

99 61.4 48.3 72.5

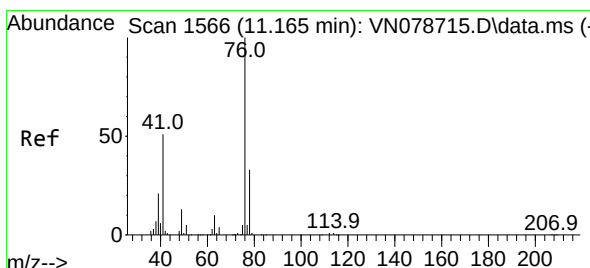
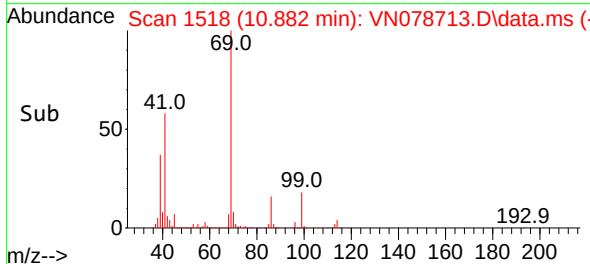
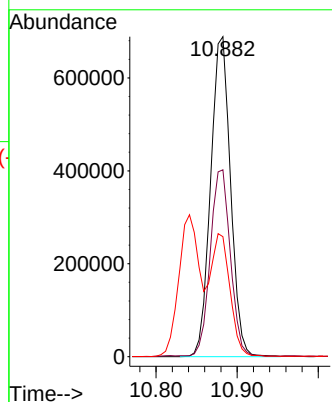
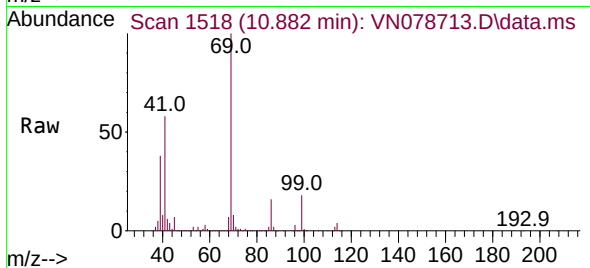




#51
Ethyl methacrylate
Concen: 136.526 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

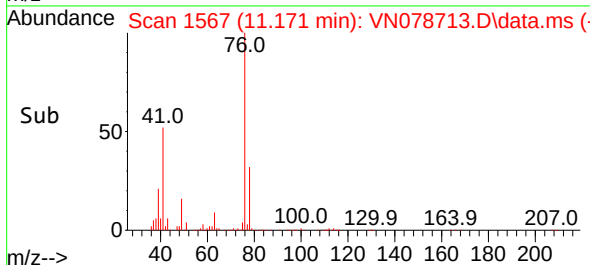
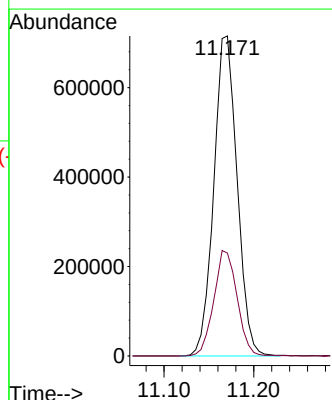
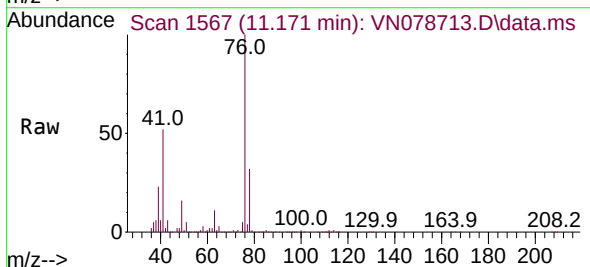
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

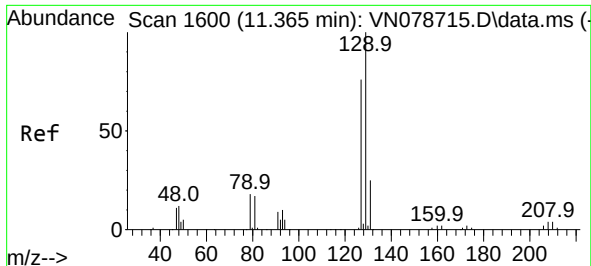
Tgt Ion: 69 Resp: 1172339
Ion Ratio Lower Upper
69 100
41 58.2 26.0 78.0
39 37.4 16.3 48.9



#52
1,3-Dichloropropane
Concen: 110.677 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 76 Resp: 1291081
Ion Ratio Lower Upper
76 100
78 32.9 0.0 66.2

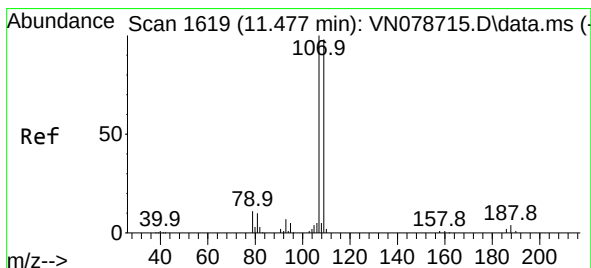
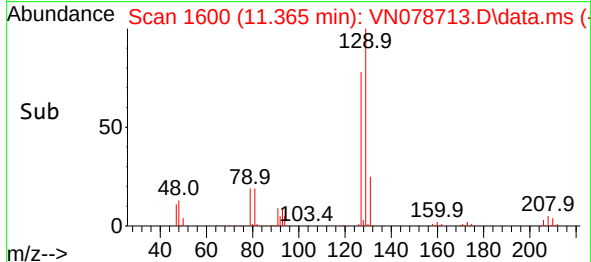
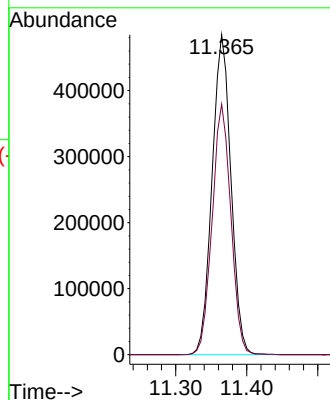
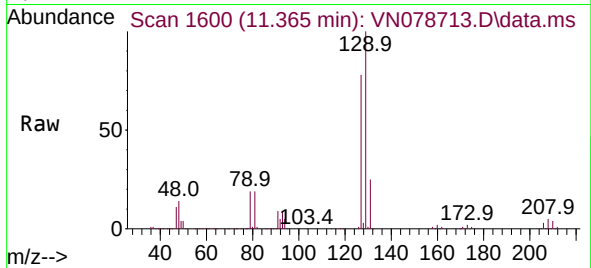




#53
Dibromochloromethane
Concen: 125.744 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

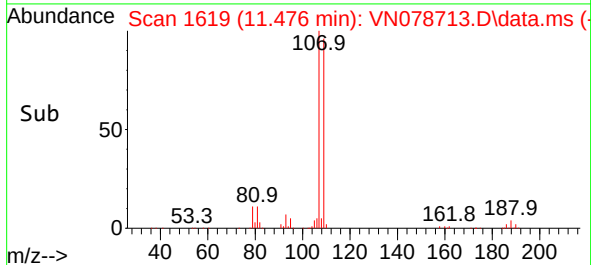
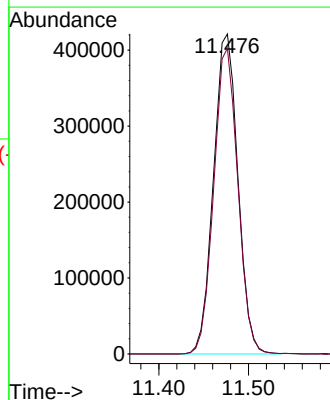
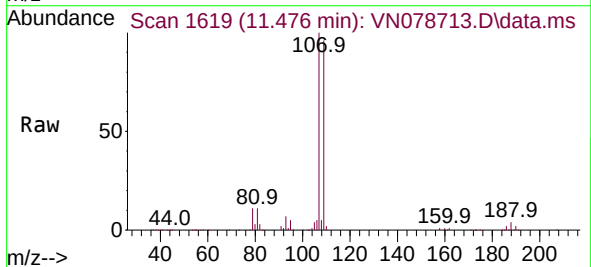
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

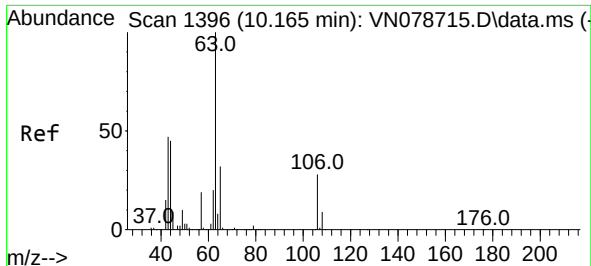
Tgt Ion:129 Resp: 892814
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 125.379 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:107 Resp: 794937
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0

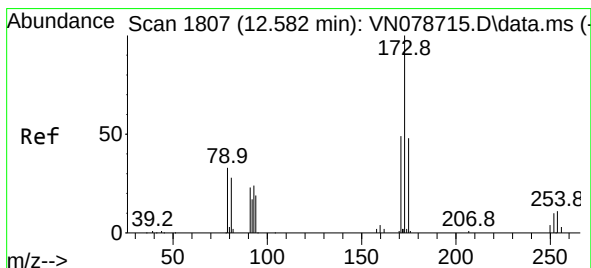
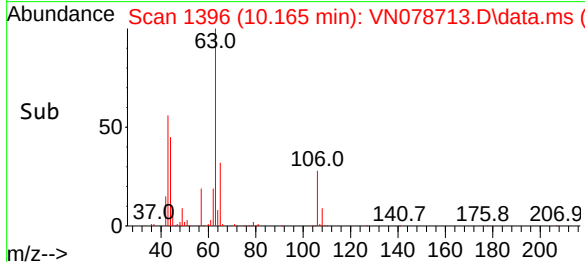
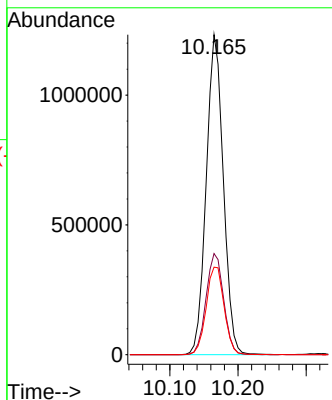
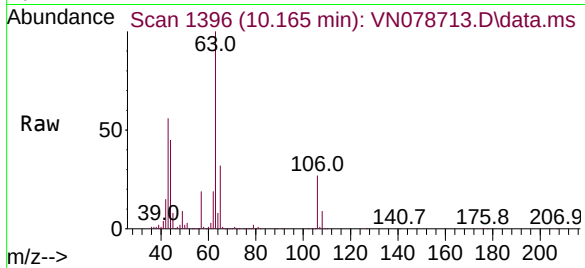




#55
2-Chloroethyl vinyl ether
Concen: 785.961 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

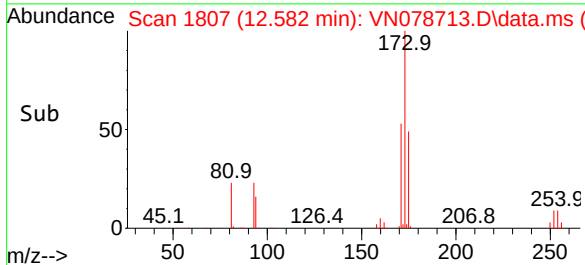
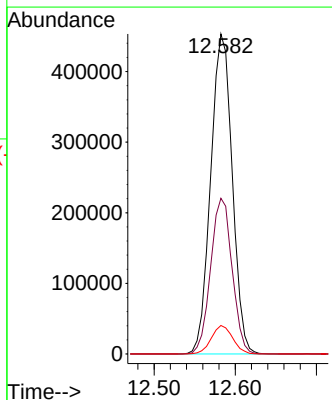
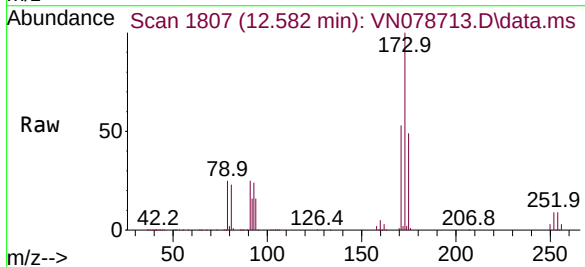
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

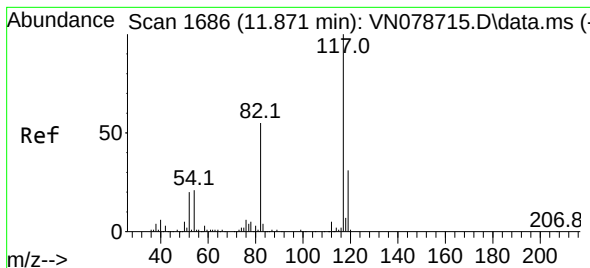
Tgt Ion: 63 Resp: 2150836
Ion Ratio Lower Upper
63 100
65 32.5 26.3 39.5
106 28.7 23.8 35.6



#56
Bromoform
Concen: 187.066 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 173 Resp: 836046
Ion Ratio Lower Upper
173 100
175 48.4 40.7 61.1
254 8.8 6.5 9.7

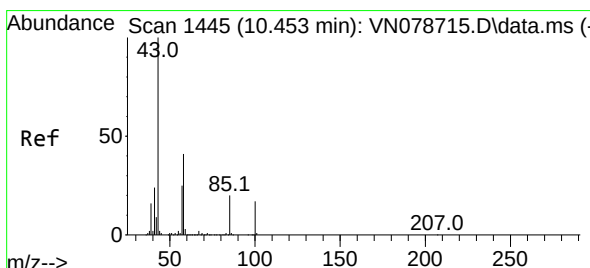
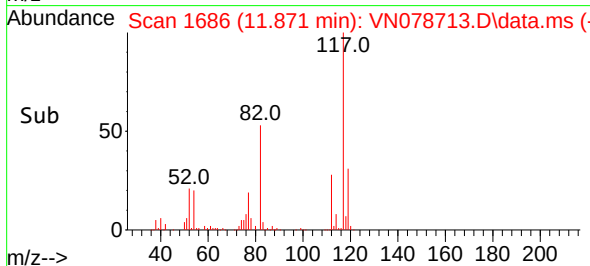
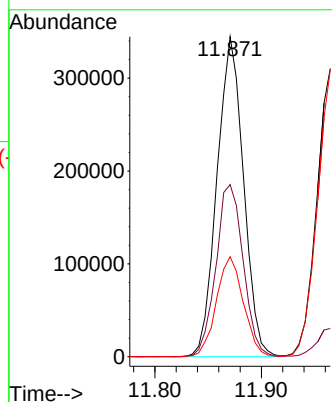
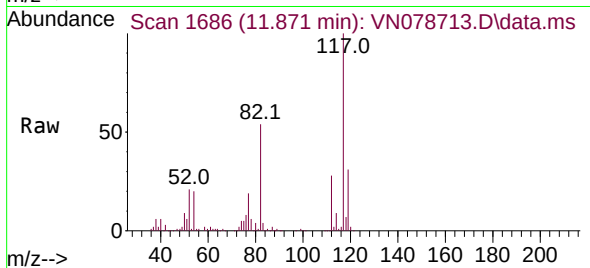




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

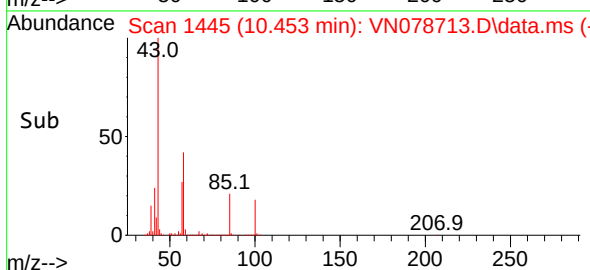
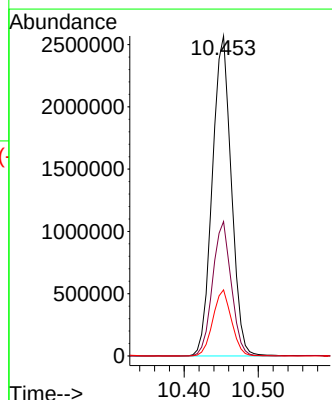
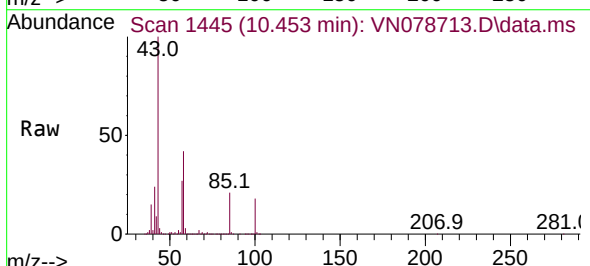
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

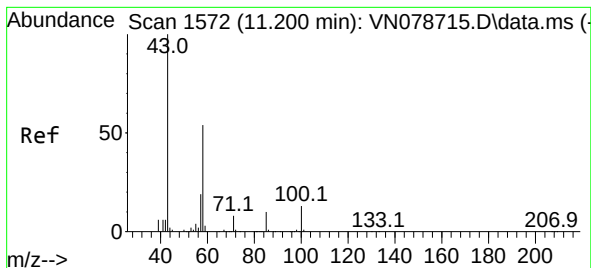
Tgt Ion:117 Resp: 595441
Ion Ratio Lower Upper
117 100
82 55.3 43.9 65.9
119 31.8 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 598.400 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 43 Resp: 4570932
Ion Ratio Lower Upper
43 100
58 41.4 32.6 48.8
85 20.2 16.2 24.2

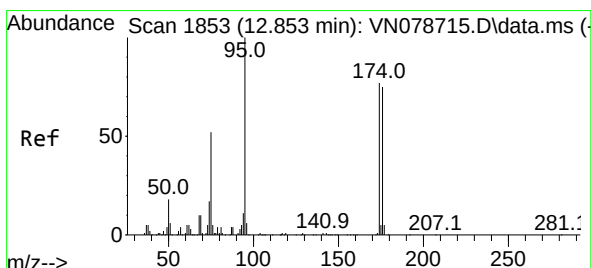
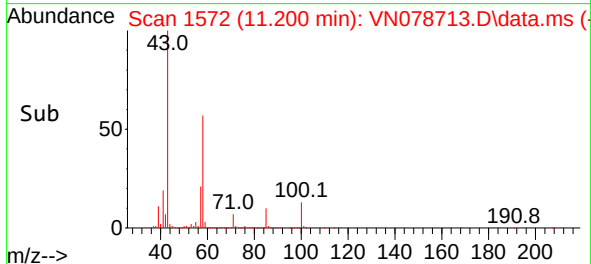
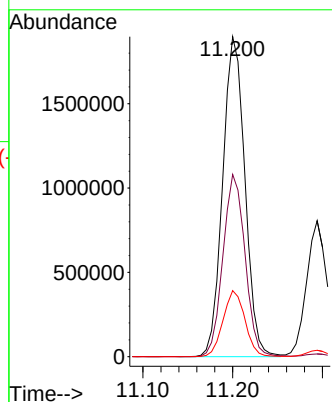
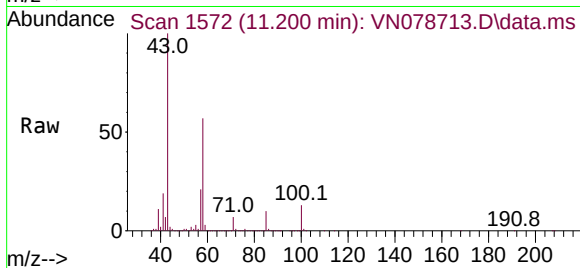




#59
2-Hexanone
Concen: 562.738 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

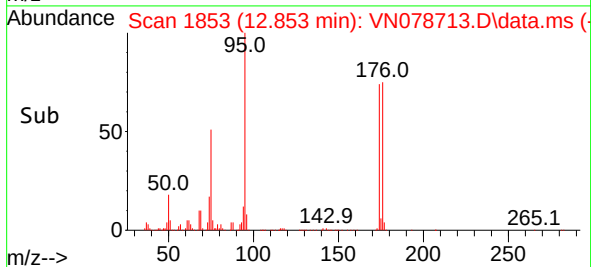
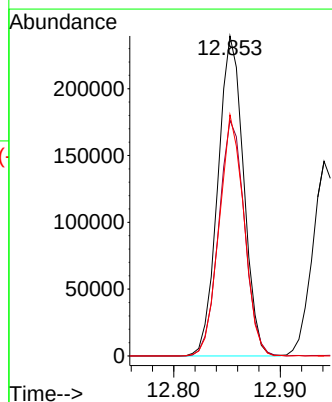
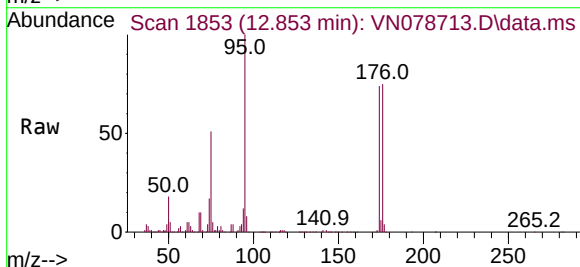
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

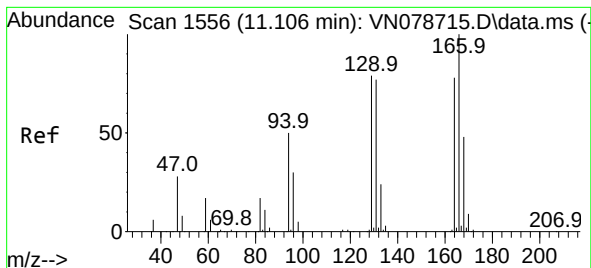
Tgt Ion: 43 Resp: 3262844
Ion Ratio Lower Upper
43 100
58 56.8 45.9 68.9
57 20.4 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 95 Resp: 400798
Ion Ratio Lower Upper
95 100
174 74.3 61.7 92.5
176 73.0 58.1 87.1





#61

Tetrachloroethene

Concen: 102.417 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 697273

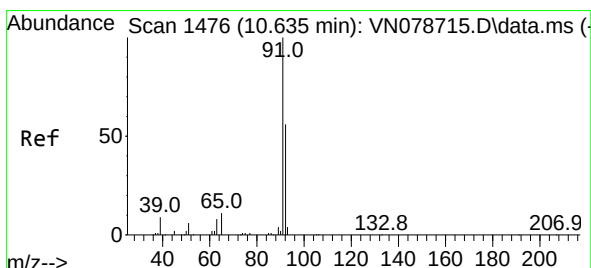
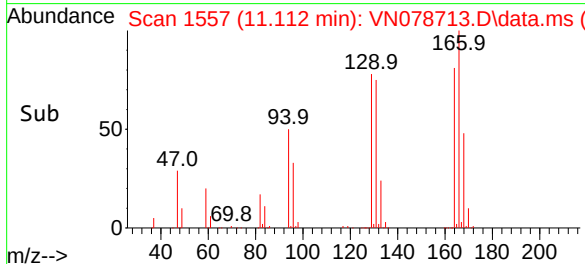
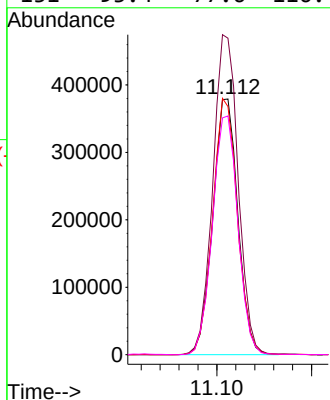
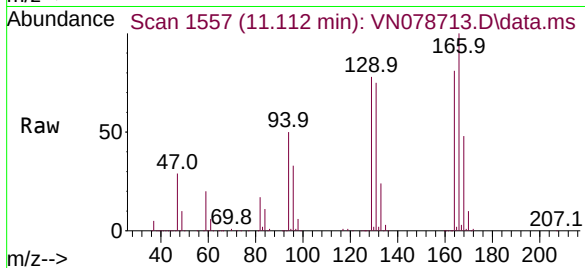
Ion Ratio Lower Upper

164 100

166 123.7 99.1 148.7

129 97.1 85.6 128.4

131 93.4 77.6 116.4



#62

Toluene

Concen: 119.829 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078713.D

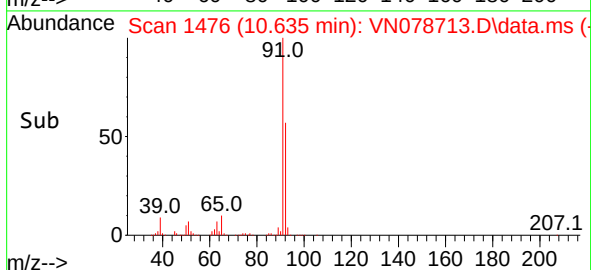
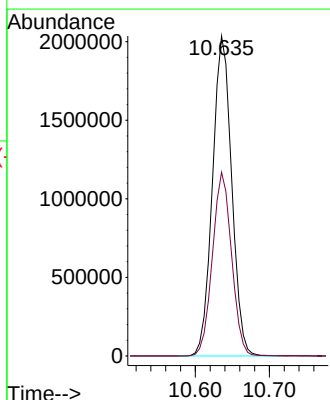
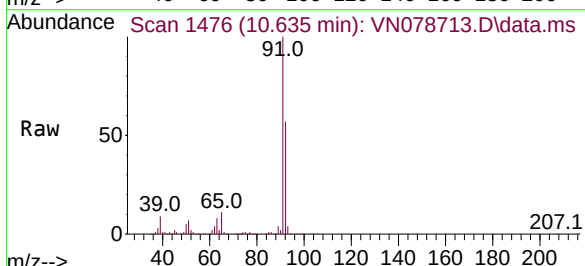
Acq: 01 Aug 2023 13:23

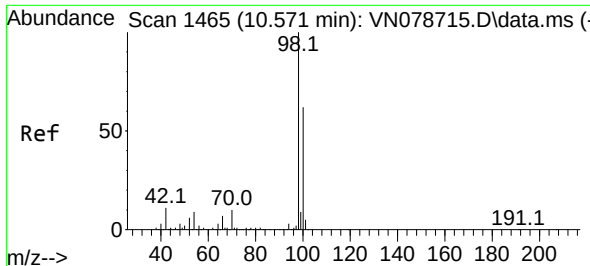
Tgt Ion: 91 Resp: 3662147

Ion Ratio Lower Upper

91 100

92 57.2 45.2 67.8

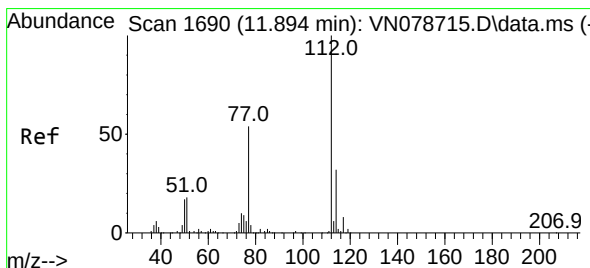
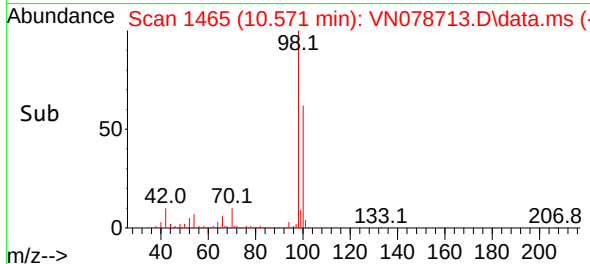
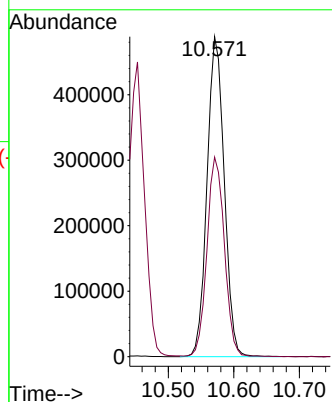
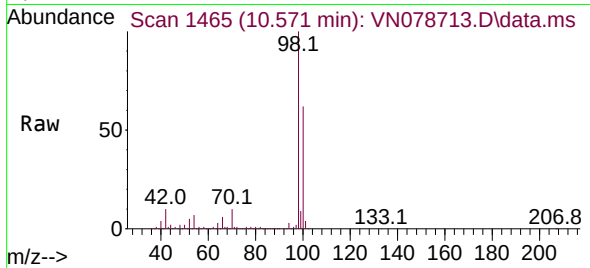




#63
Toluene-d8
Concen: 30.194 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

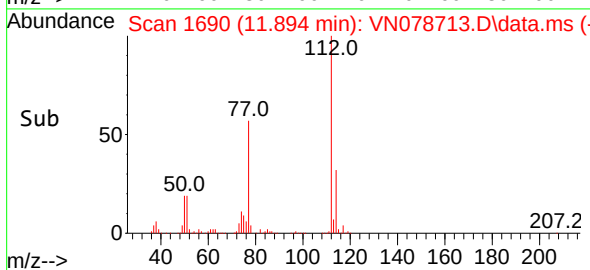
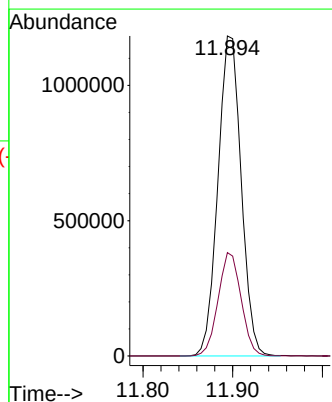
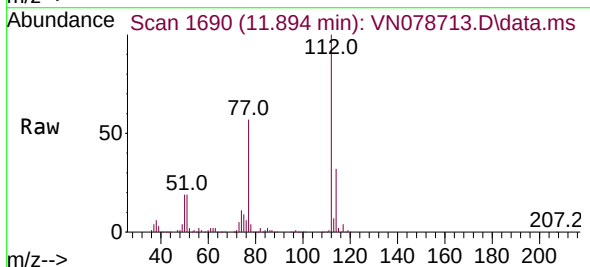
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

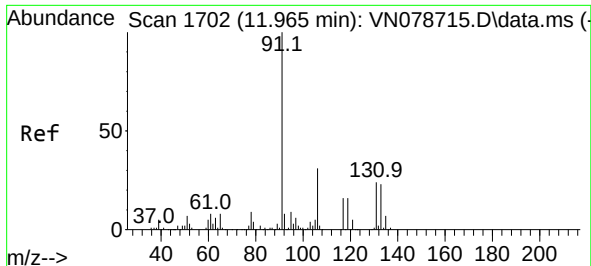
Tgt Ion: 98 Resp: 890374
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5



#64
Chlorobenzene
Concen: 120.461 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 112 Resp: 2128332
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

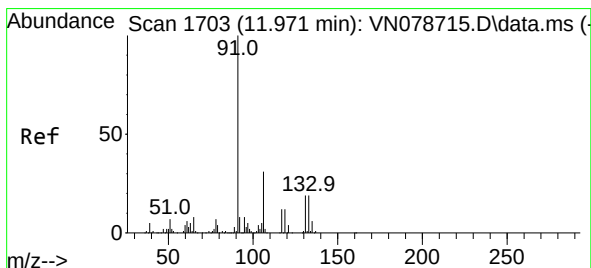
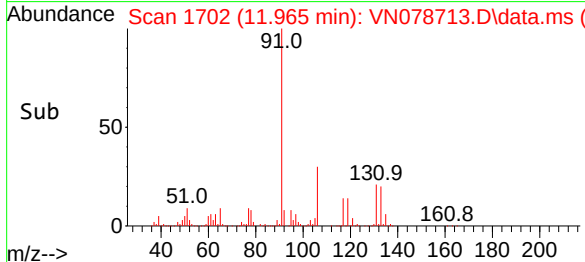
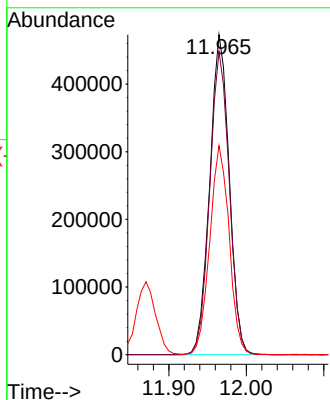
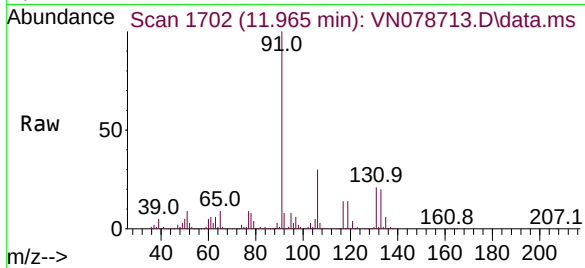




#65
1,1,1,2-Tetrachloroethane
Concen: 117.852 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

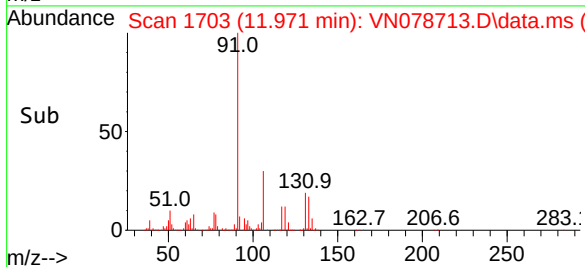
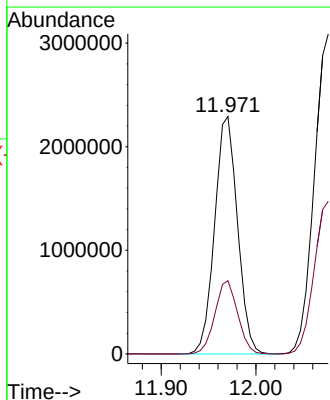
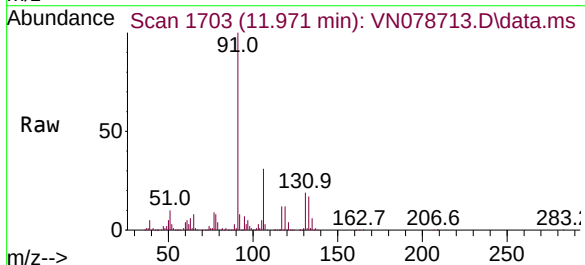
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

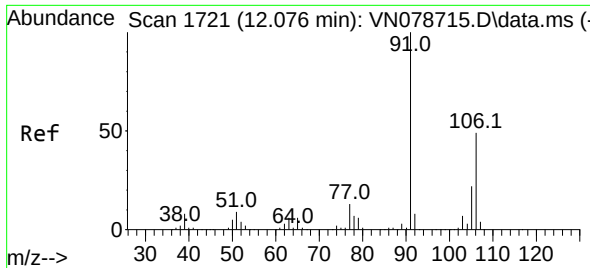
Tgt Ion:131 Resp: 826711
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.8
119 65.1 0.0 132.0



#66
Ethyl Benzene
Concen: 127.472 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 91 Resp: 3851157
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

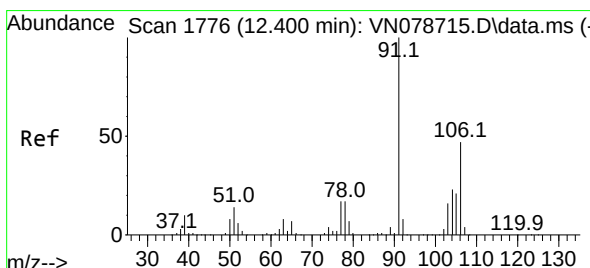
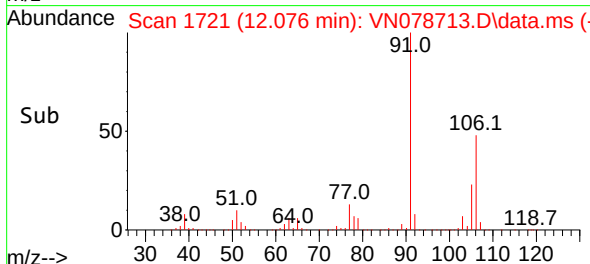
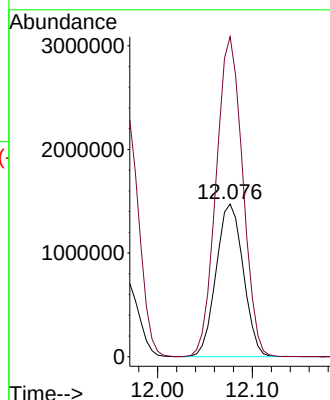
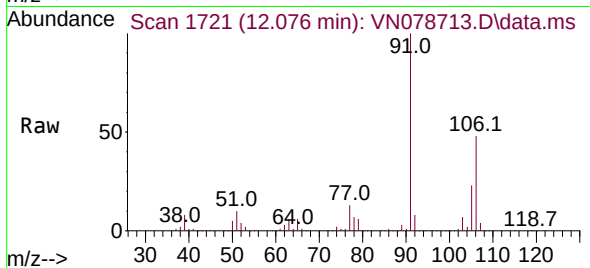




#67
m/p-Xylenes
Concen: 254.955 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

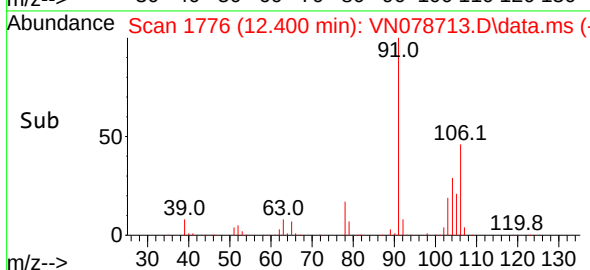
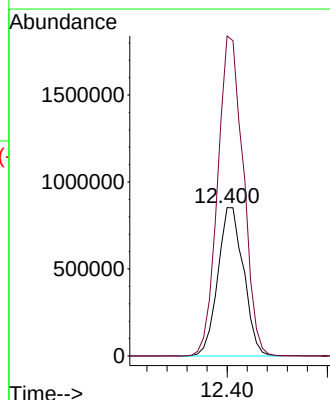
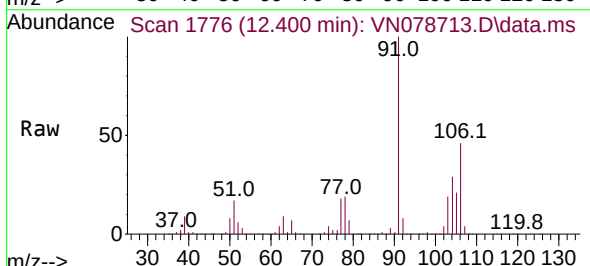
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

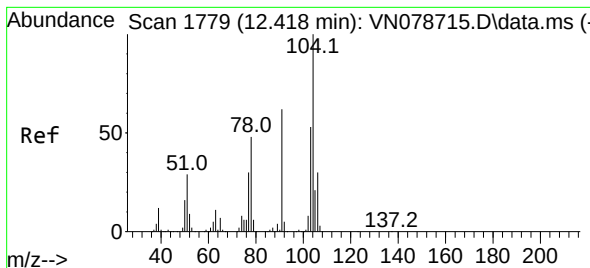
Tgt Ion:106 Resp: 2931566
Ion Ratio Lower Upper
106 100
91 205.3 162.5 243.7



#68
o-Xylene
Concen: 132.134 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:106 Resp: 1518360
Ion Ratio Lower Upper
106 100
91 215.3 106.1 318.3





#69

Styrene

Concen: 158.388 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

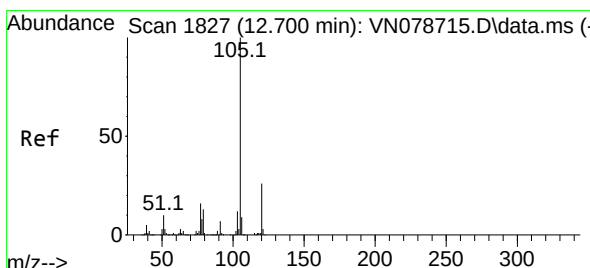
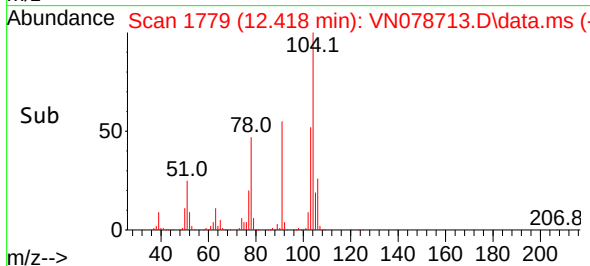
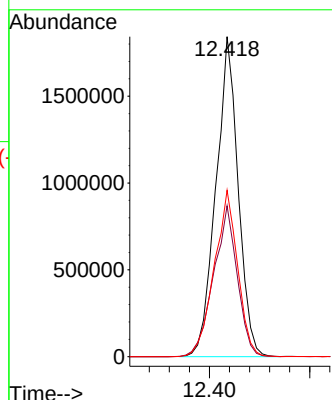
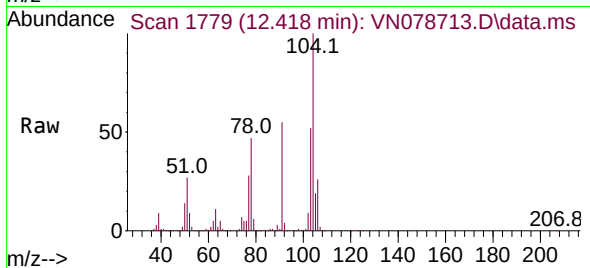
Tgt Ion:104 Resp: 2833520

Ion Ratio Lower Upper

104 100

78 50.3 40.1 60.1

103 54.8 45.1 67.7



#70

Isopropylbenzene

Concen: 176.443 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078713.D

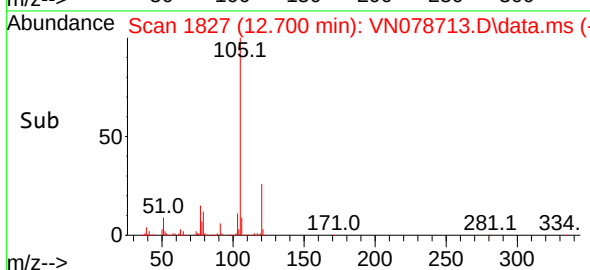
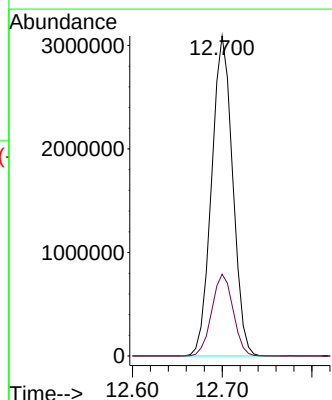
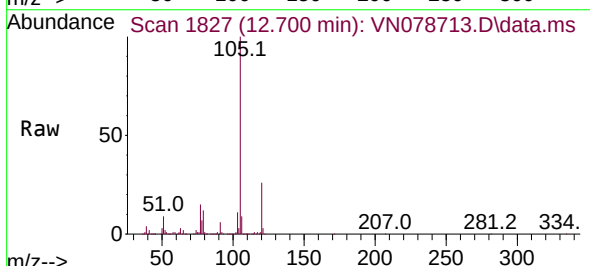
Acq: 01 Aug 2023 13:23

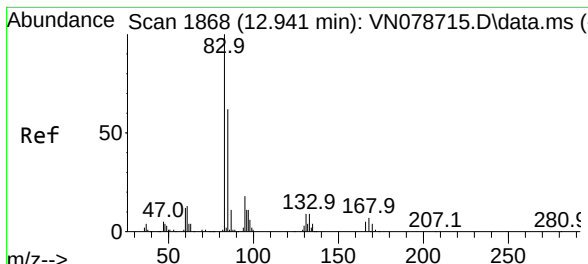
Tgt Ion:105 Resp: 5040837

Ion Ratio Lower Upper

105 100

120 25.8 18.3 34.1

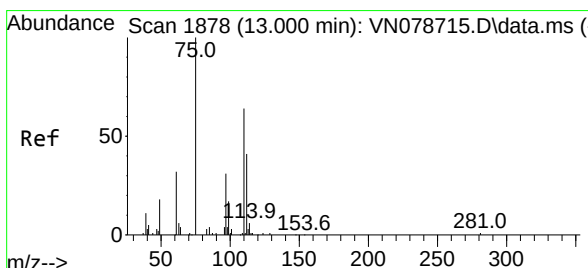
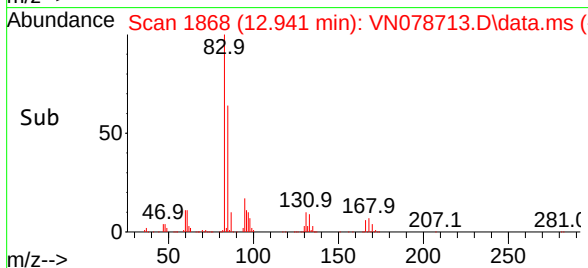
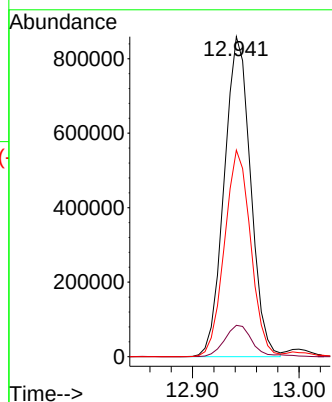
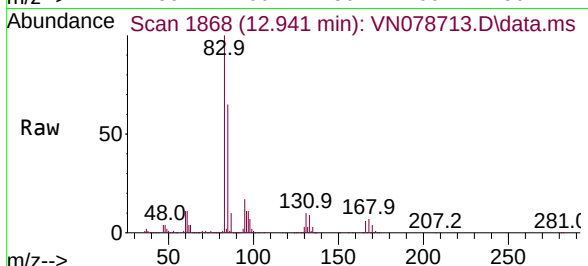




#71
 1,1,2,2-Tetrachloroethane
 Concen: 154.607 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078713.D
 Acq: 01 Aug 2023 13:23

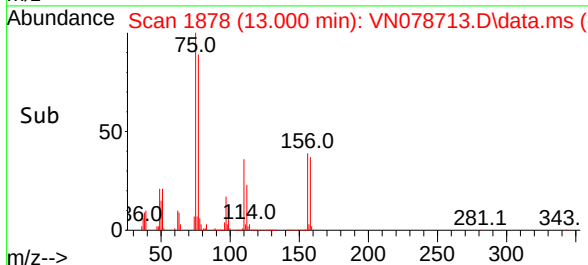
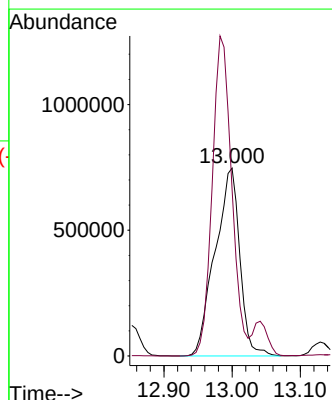
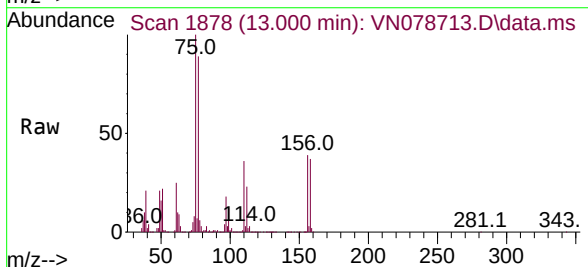
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

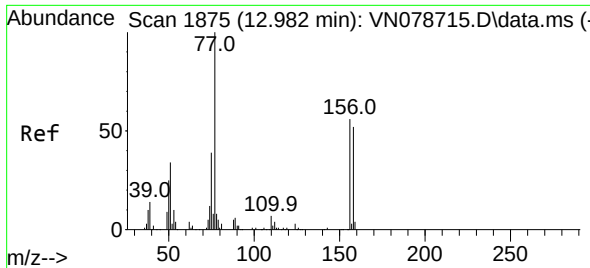
Tgt Ion: 83 Resp: 1478416
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 64.1 32.6 98.0



#72
 1,2,3-Trichloropropane
 Concen: 208.178 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078713.D
 Acq: 01 Aug 2023 13:23

Tgt Ion: 75 Resp: 1886765
 Ion Ratio Lower Upper
 75 100
 77 134.0 0.0 387.4

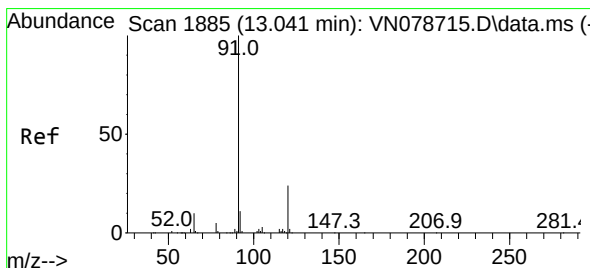
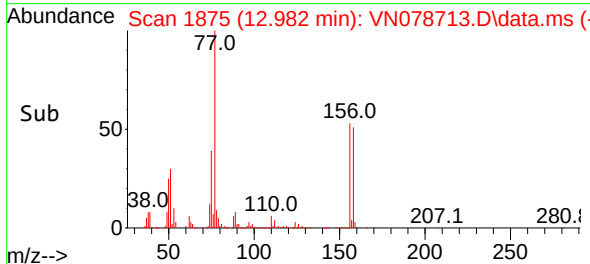
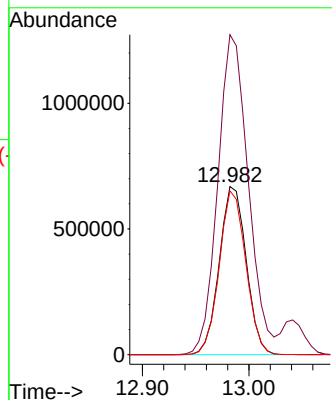
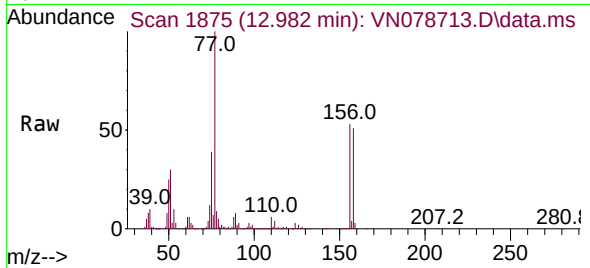




#73
Bromobenzene
Concen: 166.230 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

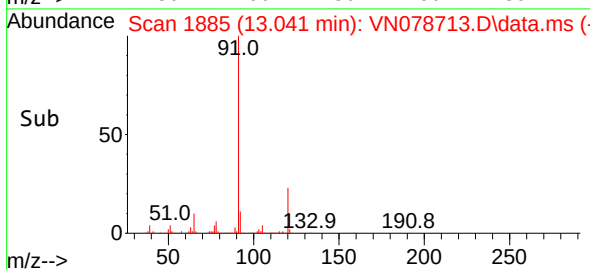
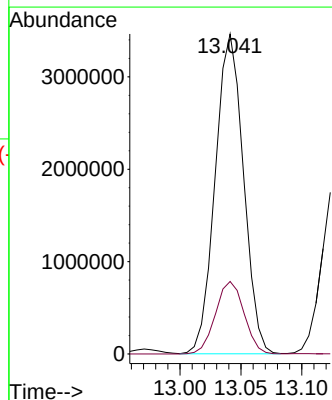
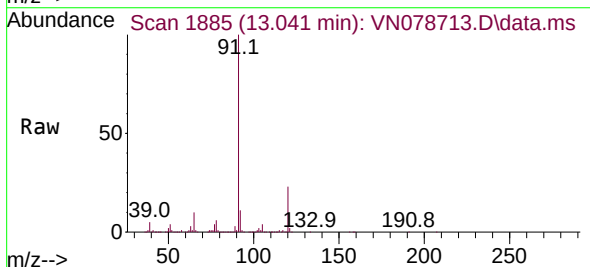
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

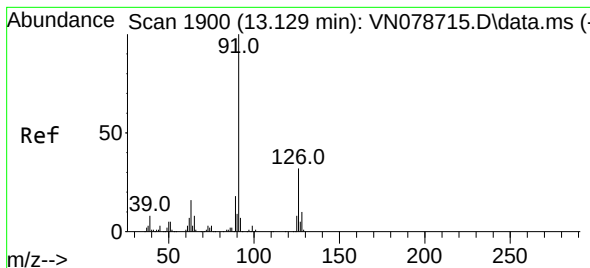
Tgt Ion:156 Resp: 1174828
Ion Ratio Lower Upper
156 100
77 215.2 0.0 420.8
158 96.0 0.0 193.2



#74
n-propylbenzene
Concen: 176.997 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 91 Resp: 5593709
Ion Ratio Lower Upper
91 100
120 22.9 0.0 44.6

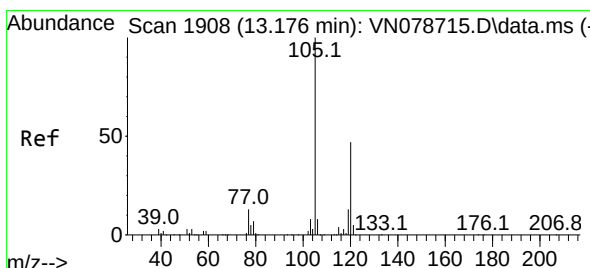
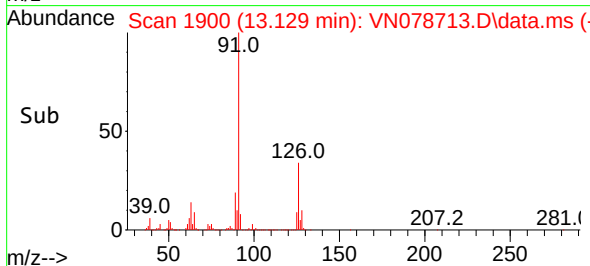
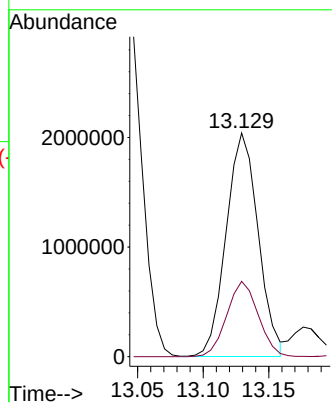
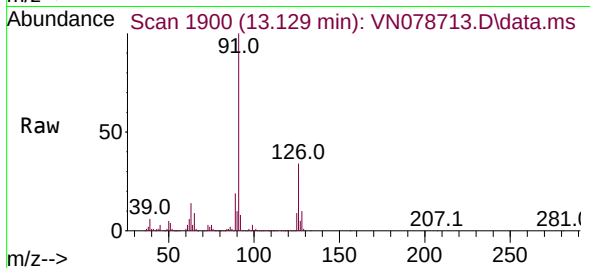




#75
2-Chlorotoluene
Concen: 172.639 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

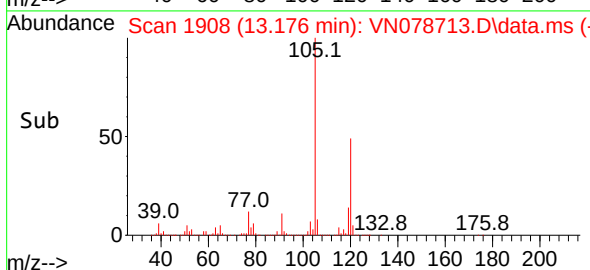
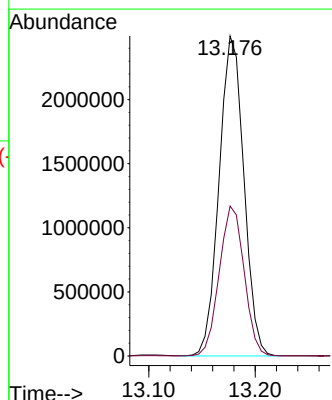
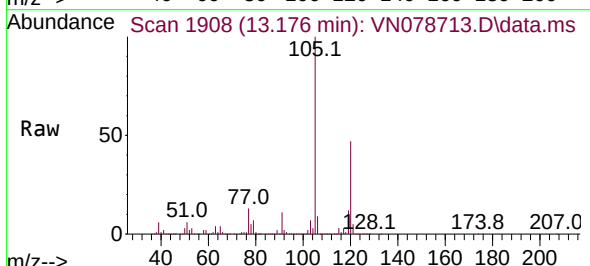
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

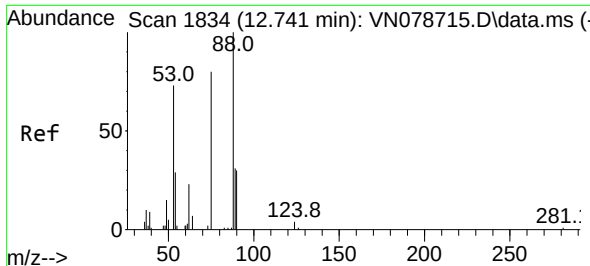
Tgt Ion: 91 Resp: 3468925
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 171.394 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 105 Resp: 4028553
Ion Ratio Lower Upper
105 100
120 47.0 0.0 97.2

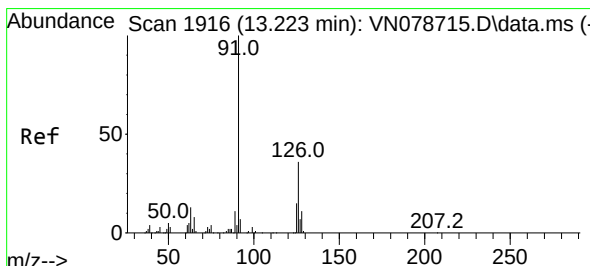
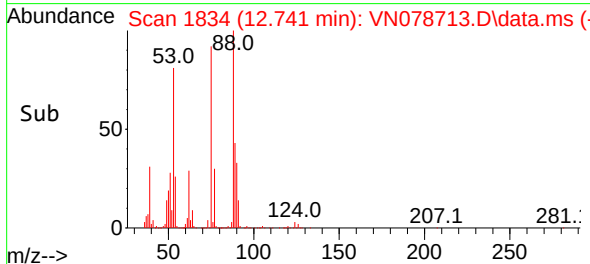
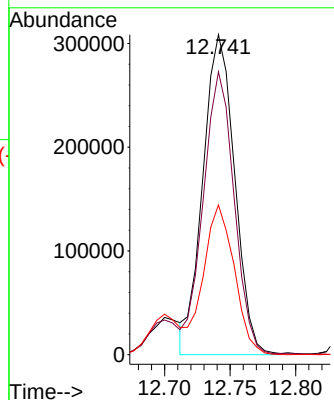
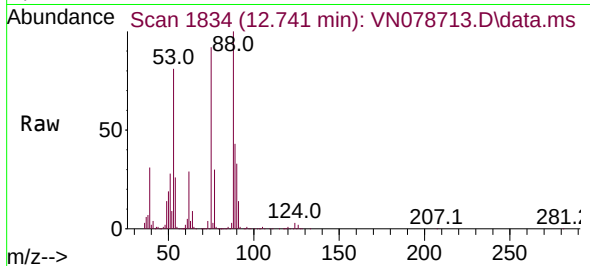




#77
t-1,4-Dichloro-2-butene
Concen: 195.735 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

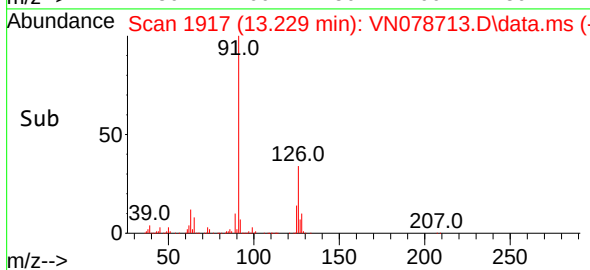
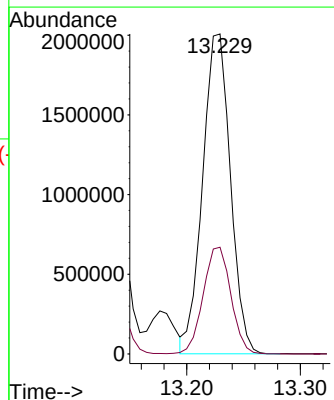
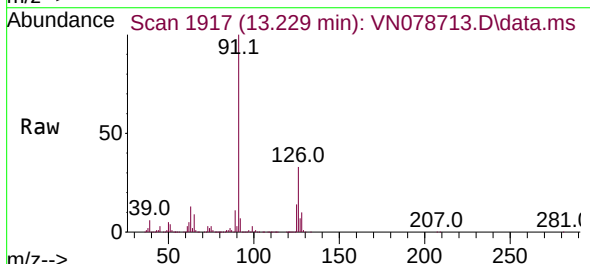
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MSVOA_N
ClientSampleId :
VSTDIC100

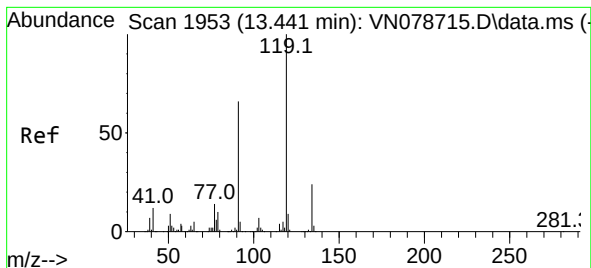
Tgt Ion: 75 Resp: 520390
Ion Ratio Lower Upper
75 100
53 88.3 41.6 124.9
89 46.9 25.1 75.4



#78
4-Chlorotoluene
Concen: 177.148 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 91 Resp: 3412415
Ion Ratio Lower Upper
91 100
126 33.2 0.0 68.8

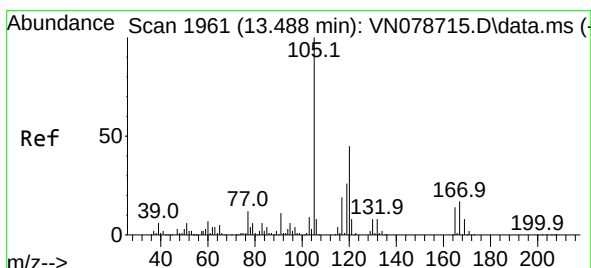
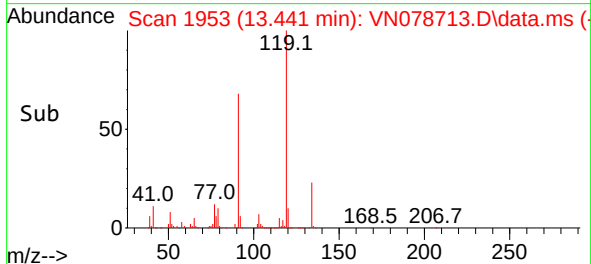
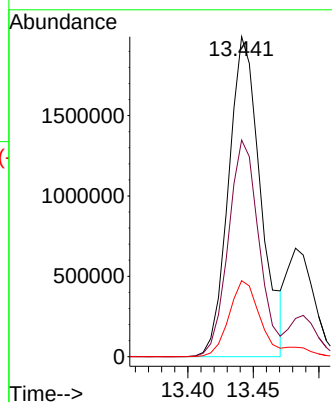
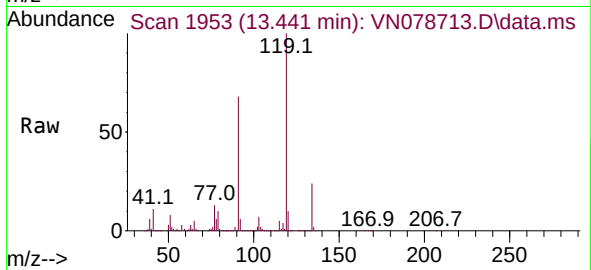




#79
tert-butylbenzene
Concen: 165.828 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

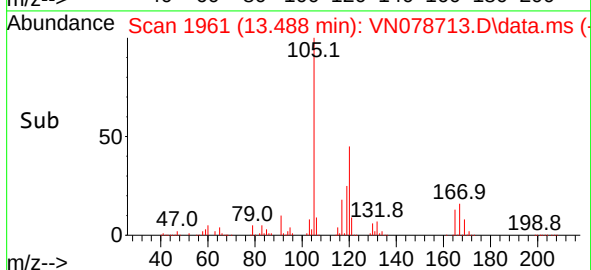
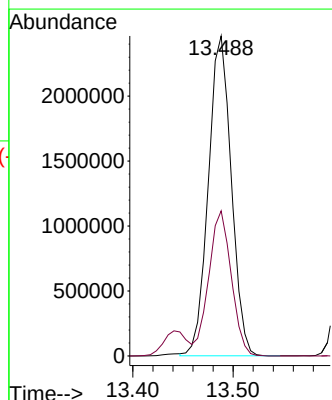
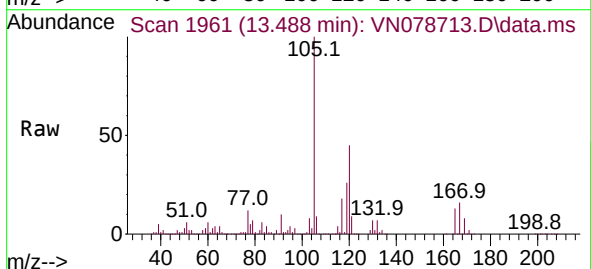
Instrument :
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ClientSampleId :
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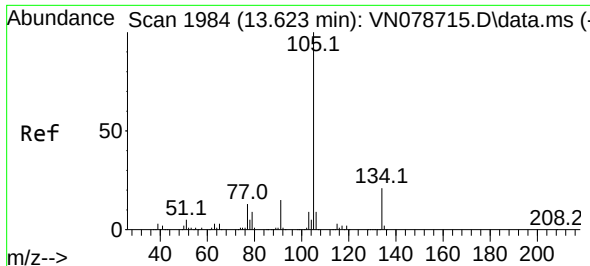
Tgt Ion:119 Resp: 3386112
Ion Ratio Lower Upper
119 100
91 64.9 0.0 126.6
134 22.6 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 175.729 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:105 Resp: 3921331
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.2

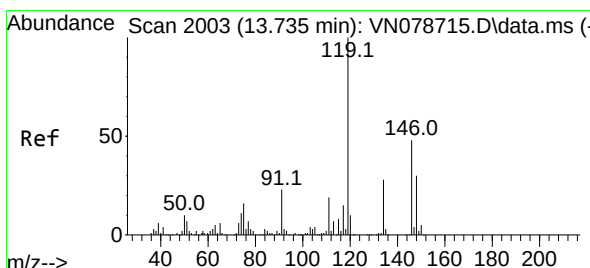
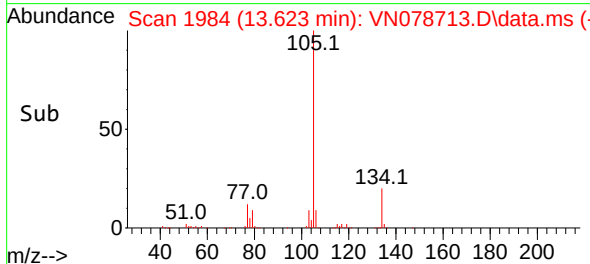
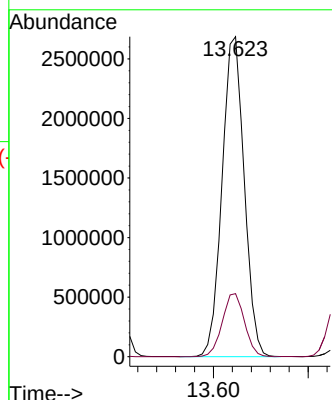
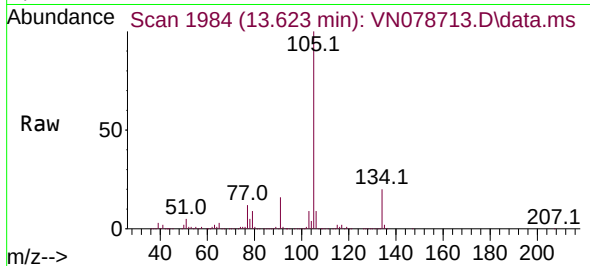




#81
 sec-Butylbenzene
 Concen: 167.769 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078713.D
 Acq: 01 Aug 2023 13:23

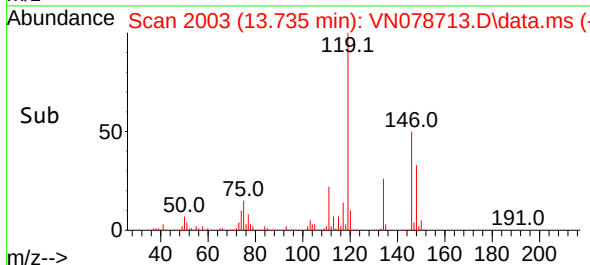
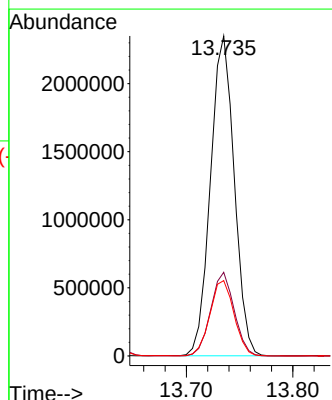
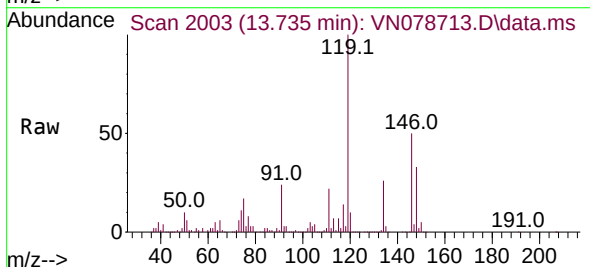
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

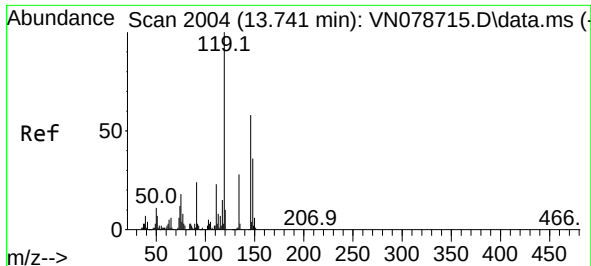
Tgt Ion:105 Resp: 4362808
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 171.417 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078713.D
 Acq: 01 Aug 2023 13:23

Tgt Ion:119 Resp: 3636122
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.4
 91 24.0 0.0 48.2

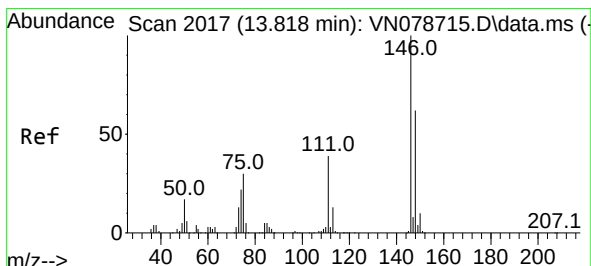
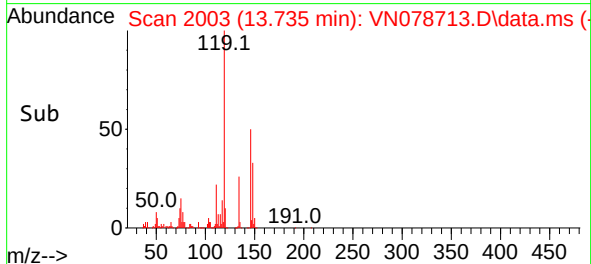
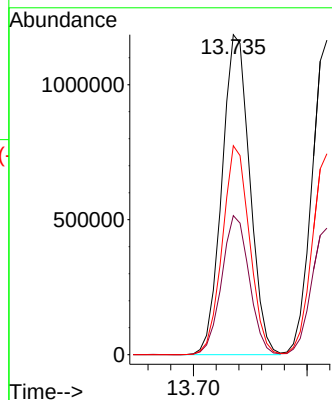
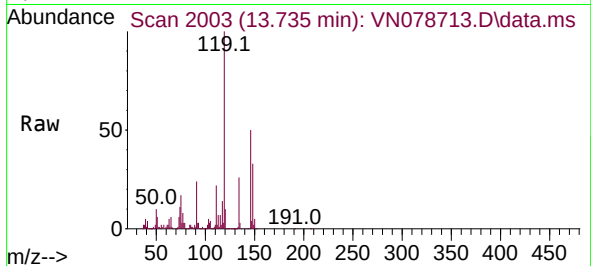




#83
1,3-Dichlorobenzene
Concen: 178.100 ug/l
RT: 13.735 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

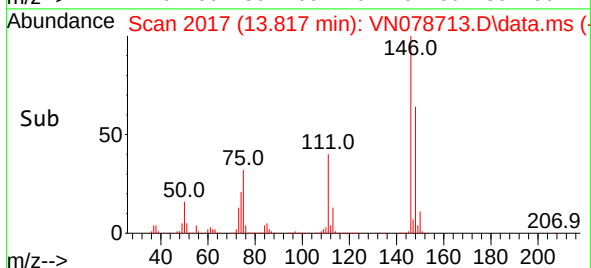
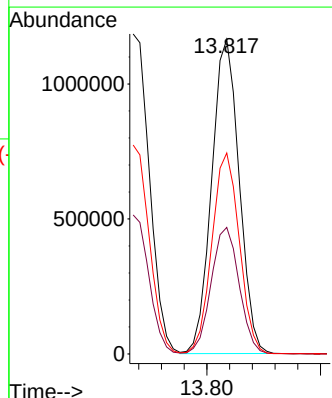
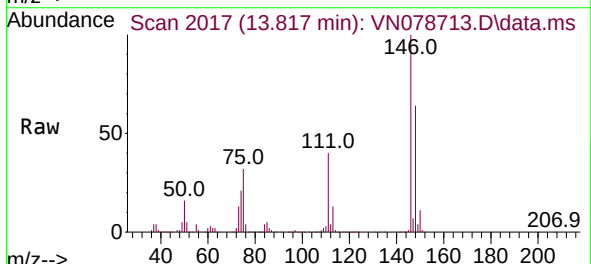
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

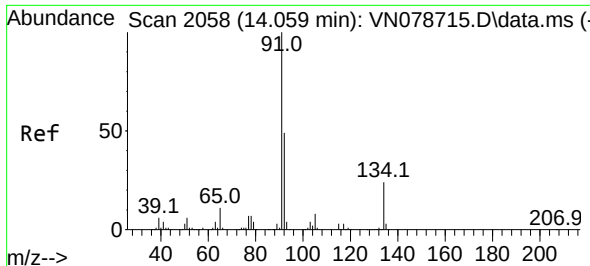
Tgt Ion:146 Resp: 2016264
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 63.6 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 186.688 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:146 Resp: 1960055
Ion Ratio Lower Upper
146 100
111 40.8 19.4 58.2
148 63.6 31.4 94.3

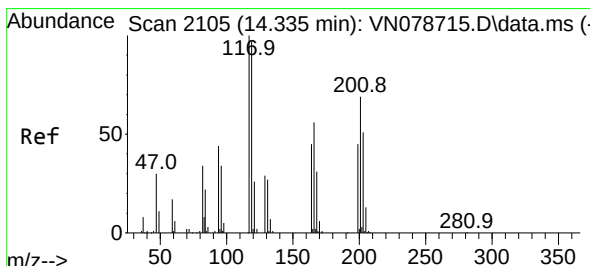
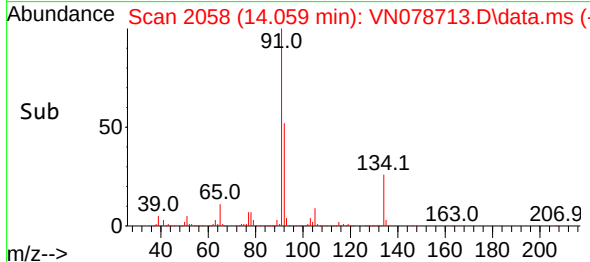
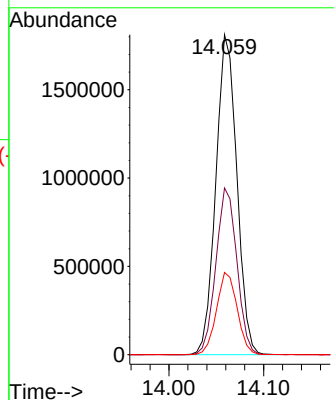
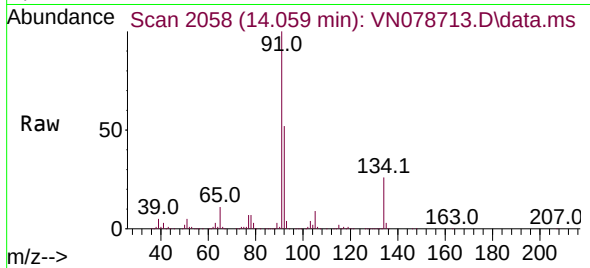




#85
n-Butylbenzene
Concen: 194.813 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

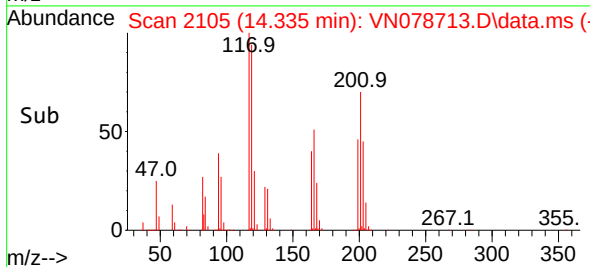
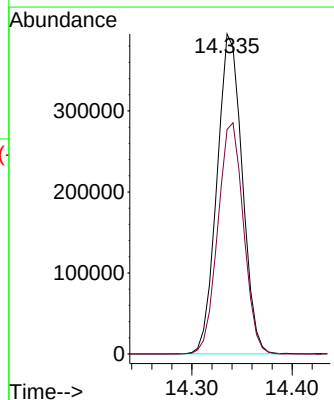
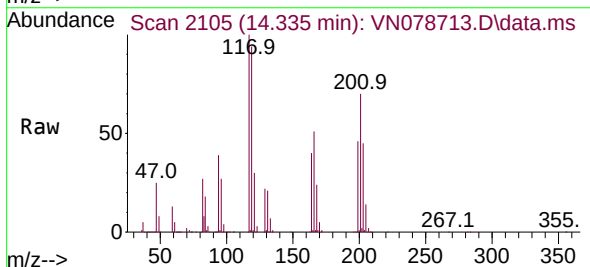
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

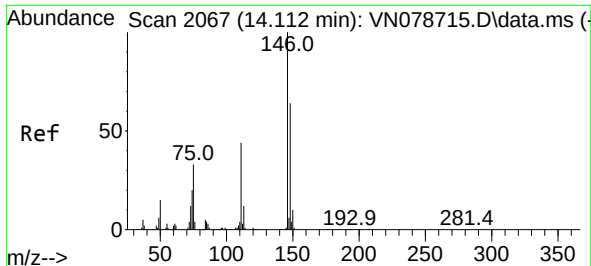
Tgt Ion: 91 Resp: 2794337
Ion Ratio Lower Upper
91 100
92 52.1 0.0 99.6
134 25.3 0.0 50.0



#86
Hexachloroethane
Concen: 169.409 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion: 117 Resp: 690813
Ion Ratio Lower Upper
117 100
201 73.4 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 181.460 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

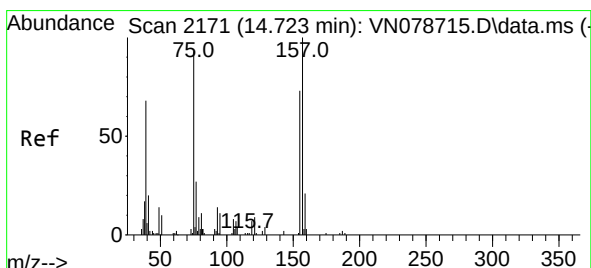
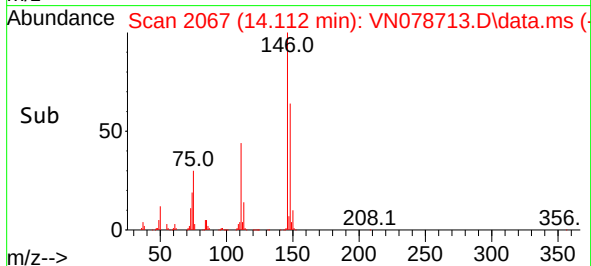
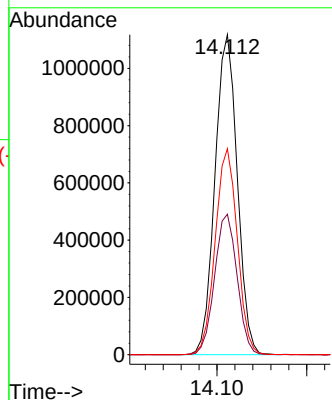
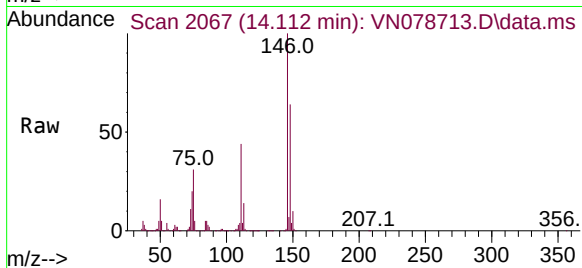
Tgt Ion:146 Resp: 1929050

Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.3

148 63.9 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 186.398 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078713.D

Acq: 01 Aug 2023 13:23

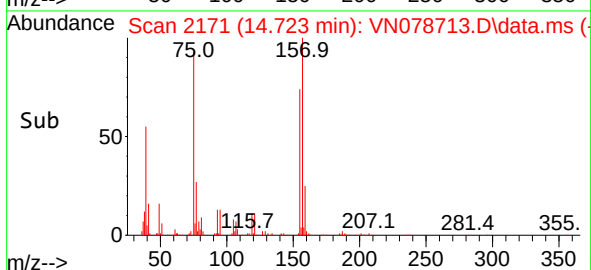
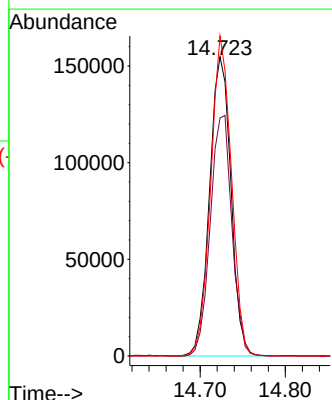
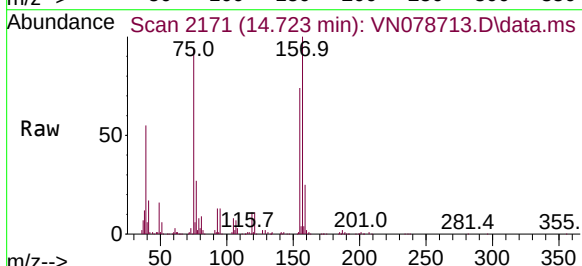
Tgt Ion: 75 Resp: 269828

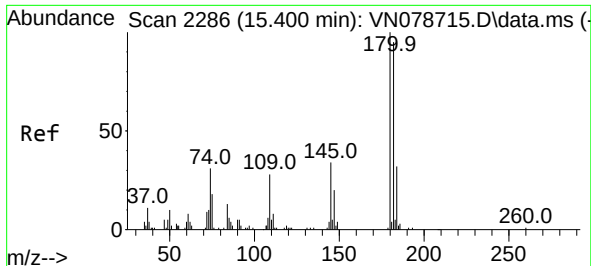
Ion Ratio Lower Upper

75 100

155 81.3 68.2 102.2

157 103.4 84.7 127.1

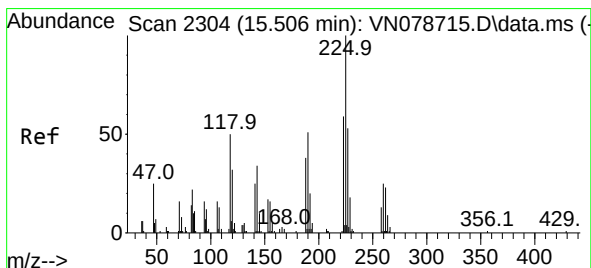
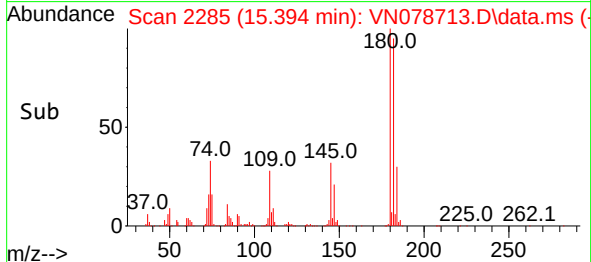
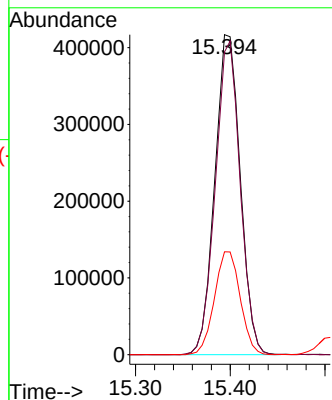
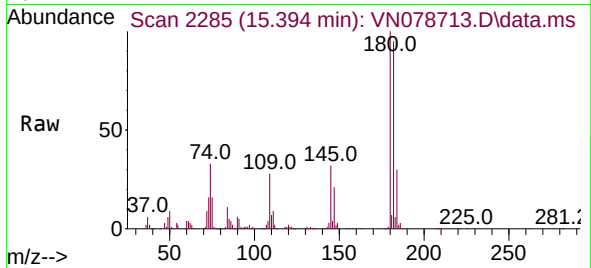




#89
1,2,4-Trichlorobenzene
Concen: 253.593 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

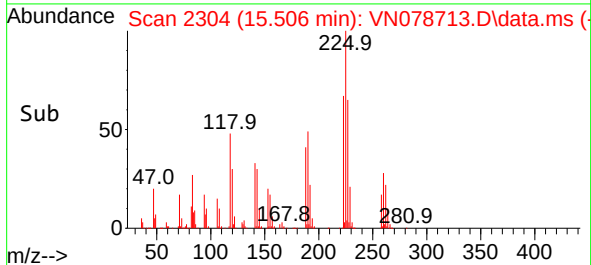
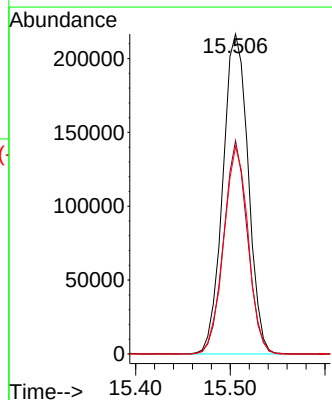
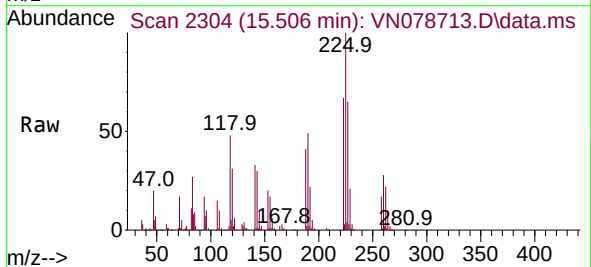
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

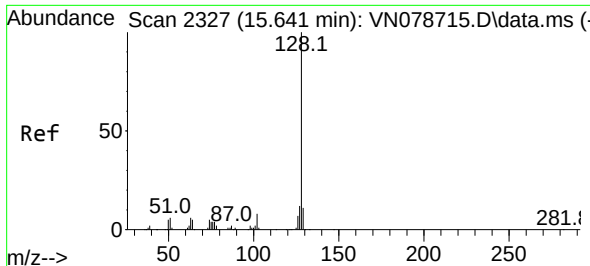
Tgt Ion:180 Resp: 777567
Ion Ratio Lower Upper
180 100
182 95.8 73.7 110.5
145 32.6 25.0 37.6



#90
Hexachlorobutadiene
Concen: 153.210 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:225 Resp: 402293
Ion Ratio Lower Upper
225 100
223 62.6 0.0 130.0
227 62.6 0.0 124.0

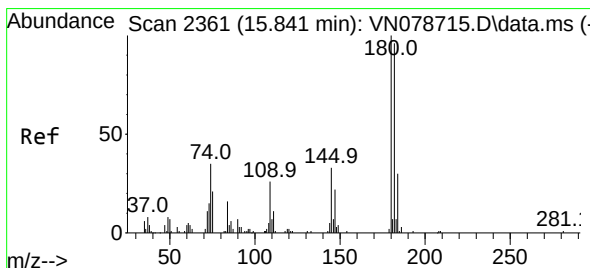
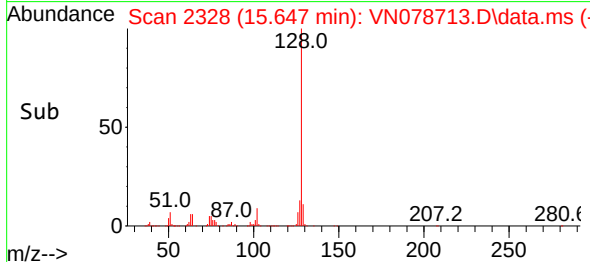
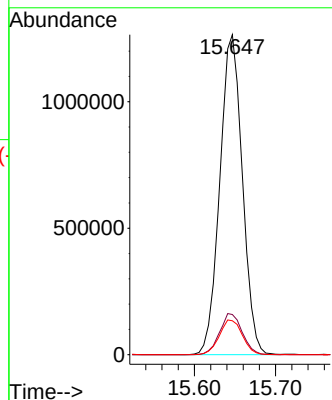
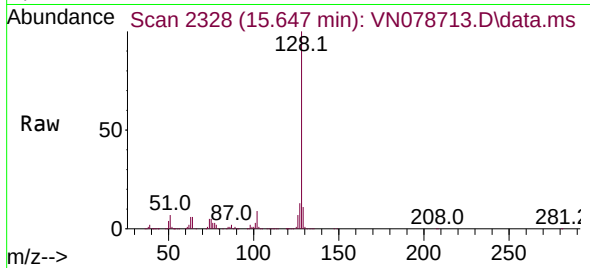




#91
Naphthalene
Concen: 254.151 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2441737
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 217.993 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078713.D
Acq: 01 Aug 2023 13:23

Tgt Ion:180 Resp: 803283
Ion Ratio Lower Upper
180 100
182 94.5 0.0 196.4
145 34.8 0.0 71.0

