

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078823.D
 Acq On : 09 Aug 2023 16:48
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Aug 10 05:30:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	34629	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	189051	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	169898	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	83639	30.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.000%	
60) 4-Bromofluorobenzene	12.853	95	73268	30.723	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.400%	
63) Toluene-d8	10.571	98	249934	30.020	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	47466	19.885	ug/l	99
3) Chloromethane	2.371	50	56838	19.996	ug/l	96
4) Vinyl Chloride	2.518	62	55702	20.594	ug/l	99
5) Bromomethane	2.959	94	36919	18.764	ug/l	83
6) Chloroethane	3.124	64	36161	18.821	ug/l	94
7) Trichlorofluoromethane	3.506	101	76117	20.504	ug/l	98
8) Diethyl Ether	3.971	74	26470	20.052	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	40263	20.218	ug/l	89
10) 1,1-Dichloroethene	4.348	96	38239	19.828	ug/l	95
11) Methyl Iodide	4.595	142	49856	19.380	ug/l	94
12) Methyl Acetate	5.042	43	79560	18.980	ug/l	99
13) Acrolein	4.201	56	36784	82.853	ug/l	96
14) Acrylonitrile	5.730	53	108239	97.999	ug/l	70
15) Acetone	4.442	58	34853	122.471	ug/l	73
16) Carbon Disulfide	4.730	76	113617	20.352	ug/l	97
17) Allyl chloride	5.036	41	65976	19.571	ug/l	92
18) Methylene Chloride	5.289	84	46119	19.163	ug/l #	86
19) trans-1,2-Dichloroethene	5.795	96	43833	19.795	ug/l	88
20) Diisopropyl ether	6.683	45	155336	20.520	ug/l #	91
21) 1,1-Dichloroethane	6.577	63	86540	20.051	ug/l	99
22) cis-1,2-Dichloroethene	7.506	96	50372	20.524	ug/l	93
23) tert-Butyl Alcohol	5.530	59	36002	87.720	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	129631	20.083	ug/l	96
25) Chloroform	7.971	83	86640	20.221	ug/l	100
26) Cyclohexane	8.259	56	68601	20.181	ug/l #	92
29) 1,1-Dichloropropene	8.377	75	64268	20.925	ug/l	97
30) 2-Butanone	7.494	43	163276	108.460	ug/l #	90
31) 2,2-Dichloropropane	7.500	77	72094	22.763	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	74414	20.574	ug/l	95
33) Carbon Tetrachloride	8.371	117	66912	21.434	ug/l	96
34) Benzene	8.612	78	191739	20.517	ug/l	96
35) Methacrylonitrile	7.794	41	34129	19.307	ug/l	66
36) 1,2-Dichloroethane	8.683	62	70296	21.518	ug/l	98
37) Trichloroethene	9.359	130	46321	20.598	ug/l	94
38) Methylcyclohexane	9.612	83	57085	19.631	ug/l	78
39) 1,2-Dichloropropane	9.630	63	51676	20.900	ug/l	95
40) Dibromomethane	9.712	93	32871	19.965	ug/l	95
41) Bromodichloromethane	9.894	83	68217	20.562	ug/l #	97
42) Vinyl Acetate	6.618	43	490688	103.581	ug/l	94

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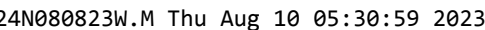
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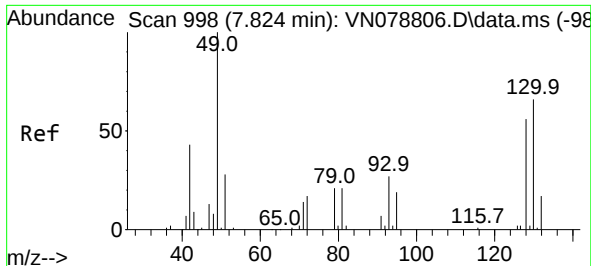
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	68708	21.986	ug/l	98
44) Isopropyl Acetate	8.700	43	107819	19.214	ug/l	92
45) 1,4-Dioxane	9.700	88	16900	448.888	ug/l	87
46) Methyl methacrylate	9.688	41	51244	21.565	ug/l	82
47) n-amyl Acetate	12.500	43	76978	19.622	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	69222	20.664	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	74739	20.062	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	45075	20.148	ug/l	98
51) Ethyl methacrylate	10.877	69	64796	20.663	ug/l	74
52) 1,3-Dichloropropane	11.171	76	79926	20.806	ug/l	99
53) Dibromochloromethane	11.371	129	46145	19.762	ug/l	95
54) 1,2-Dibromoethane	11.477	107	44824	20.508	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	122967	106.328	ug/l	95
56) Bromoform	12.588	173	31977	21.876	ug/l #	92
58) 4-Methyl-2-Pentanone	10.453	43	333101	102.002	ug/l #	92
59) 2-Hexanone	11.200	43	236855	104.373	ug/l	91
61) Tetrachloroethene	11.112	164	39340	20.239	ug/l	92
62) Toluene	10.635	91	204766	20.471	ug/l	98
64) Chlorobenzene	11.894	112	119517	20.410	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	45082	19.983	ug/l	99
66) Ethyl Benzene	11.971	91	208665	20.087	ug/l	97
67) m/p-Xylenes	12.076	106	159705	41.928	ug/l	96
68) o-Xylene	12.406	106	74606	19.678	ug/l	96
69) Styrene	12.418	104	118616	20.475	ug/l	98
70) Isopropylbenzene	12.700	105	193664	20.680	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	66100	20.829	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	75771	27.353	ug/l	52
73) Bromobenzene	12.988	156	41611	18.591	ug/l	95
74) n-propylbenzene	13.041	91	211053	20.366	ug/l	99
75) 2-Chlorotoluene	13.129	91	134863	20.891	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	152635	20.521	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	17582	20.221	ug/l	83
78) 4-Chlorotoluene	13.229	91	123025	20.542	ug/l	98
79) tert-butylbenzene	13.447	119	125552	20.573	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	141800	20.203	ug/l	97
81) sec-Butylbenzene	13.623	105	165881	20.303	ug/l	98
82) p-Isopropyltoluene	13.735	119	123835	19.350	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	71976	20.808	ug/l	94
84) 1,4-Dichlorobenzene	13.818	146	63786	19.310	ug/l	99
85) n-Butylbenzene	14.059	91	91111	19.347	ug/l	97
86) Hexachloroethane	14.341	117	27632	20.498	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	67908	19.955	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9445	20.954	ug/l	95
89) 1,2,4-Trichlorobenzene	15.400	180	14380	15.267	ug/l	94
90) Hexachlorobutadiene	15.512	225	12642	18.230	ug/l	99
91) Naphthalene	15.647	128	43273	14.691	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	17811	16.122	ug/l	95

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

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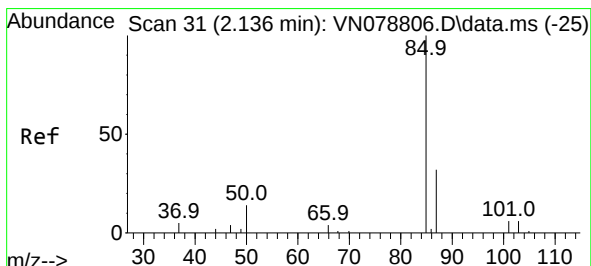
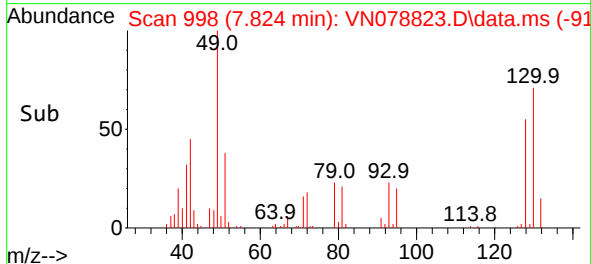
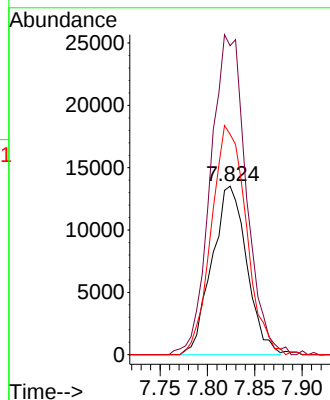
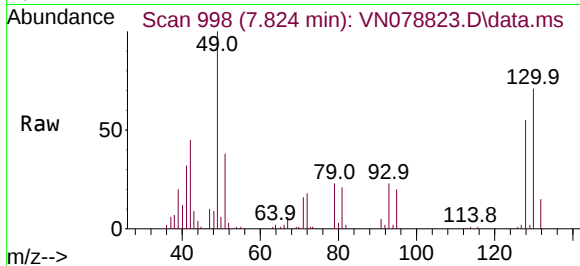




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

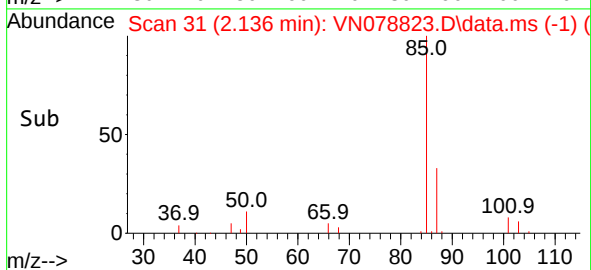
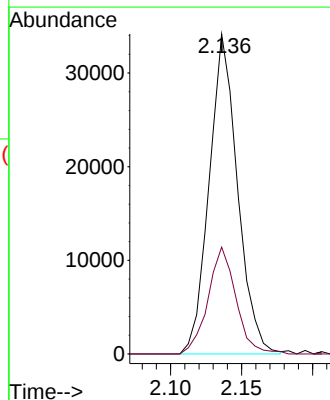
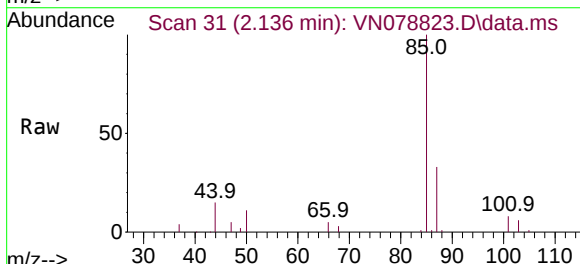
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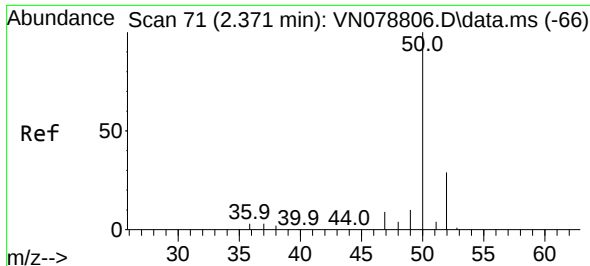
Tgt Ion:128 Resp: 34629
Ion Ratio Lower Upper
128 100
49 194.2 0.0 370.8
130 136.1 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 19.885 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 85 Resp: 47466
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.4

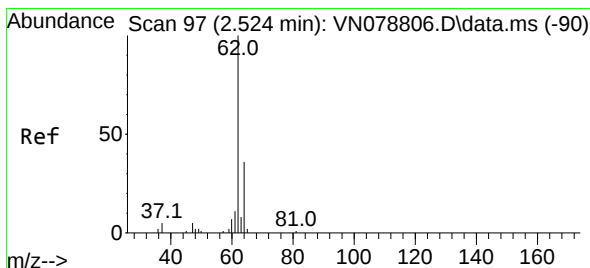
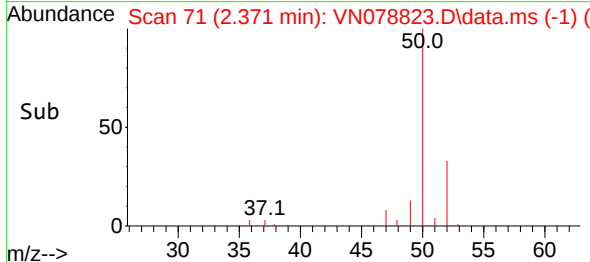
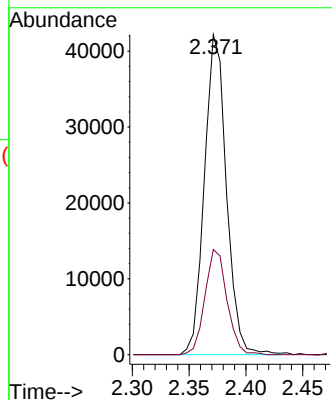
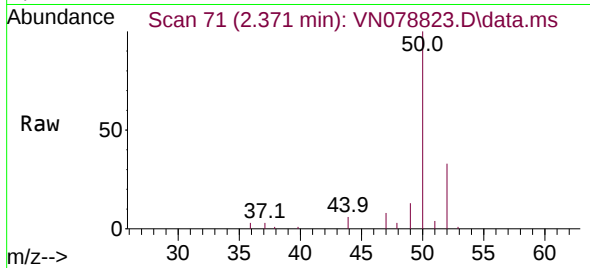




#3
Chloromethane
Concen: 19.996 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

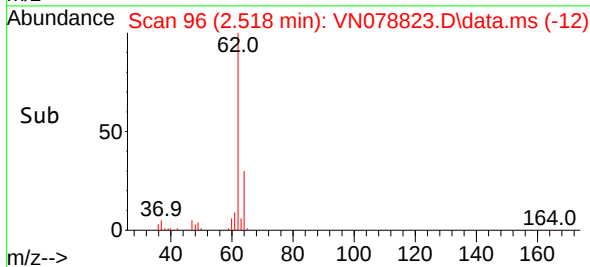
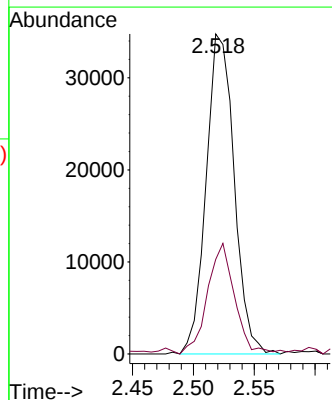
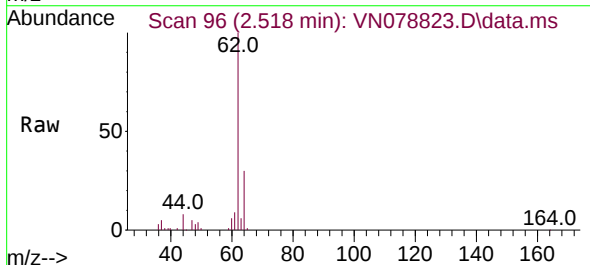
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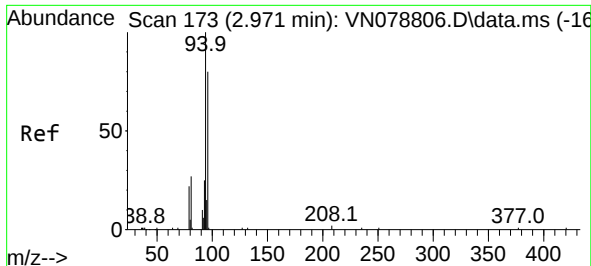
Tgt Ion: 50 Resp: 56838
Ion Ratio Lower Upper
50 100
52 32.8 24.6 36.8



#4
Vinyl Chloride
Concen: 20.594 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 62 Resp: 55702
Ion Ratio Lower Upper
62 100
64 29.6 23.3 34.9

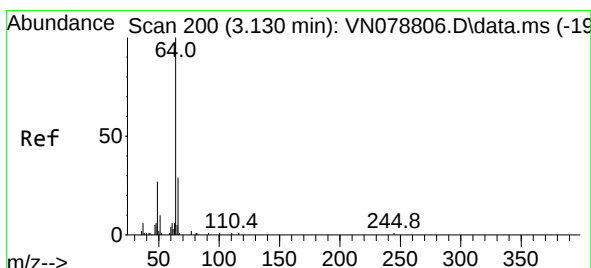
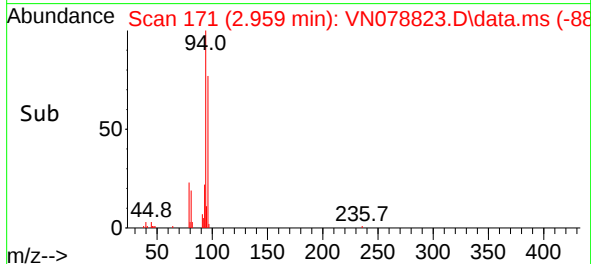
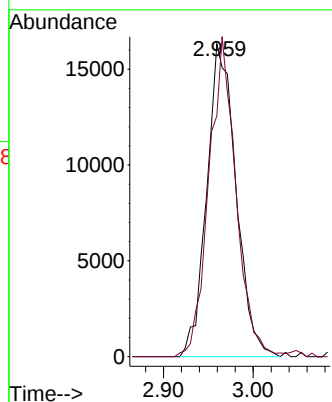
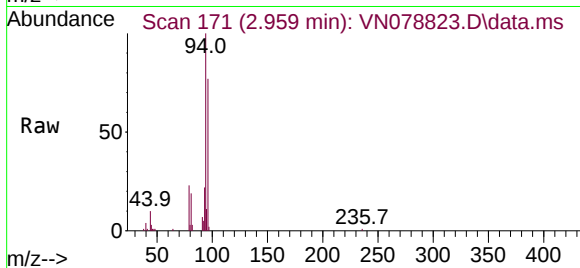




#5
Bromomethane
Concen: 18.764 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

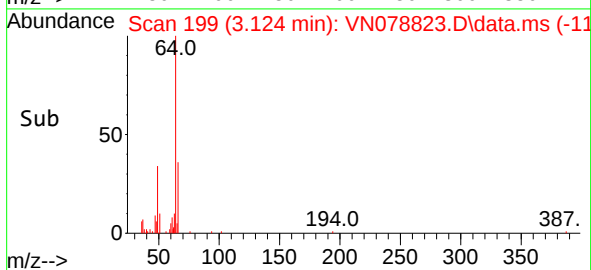
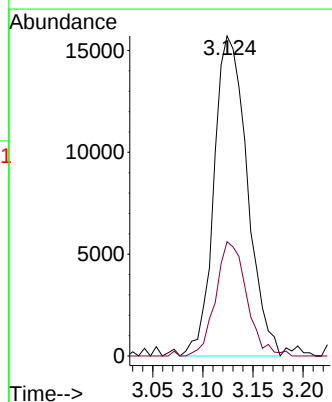
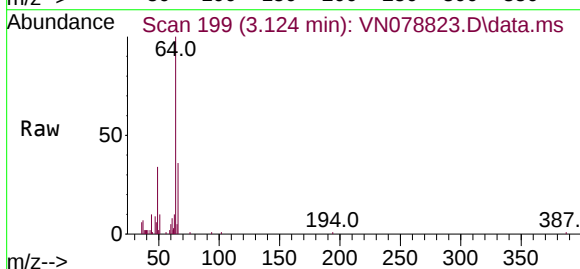
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ClientSampleId :
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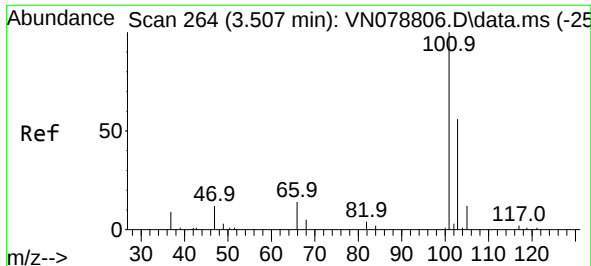
Tgt Ion: 94 Resp: 36919
Ion Ratio Lower Upper
94 100
96 75.8 73.9 110.9



#6
Chloroethane
Concen: 18.821 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 64 Resp: 36161
Ion Ratio Lower Upper
64 100
66 35.7 25.7 38.5

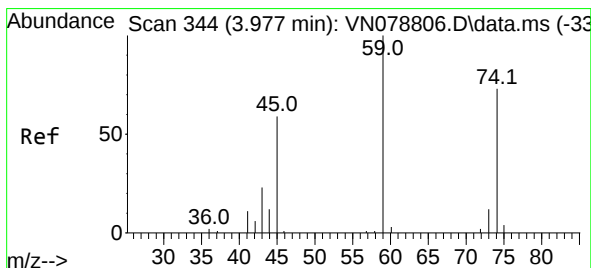
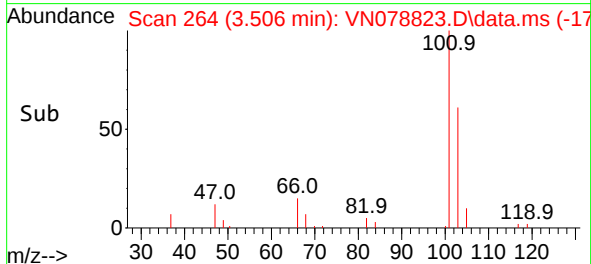
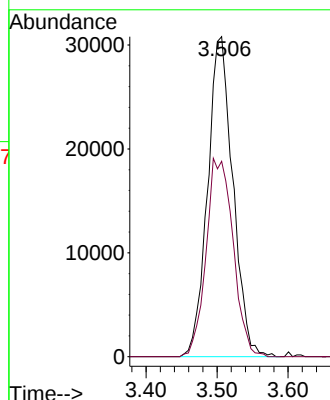
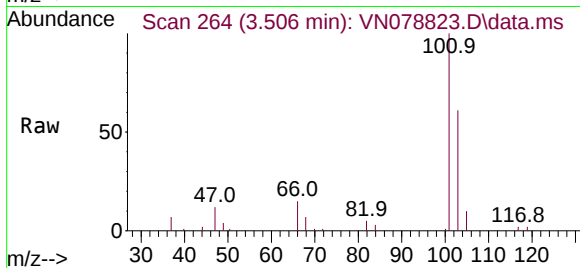




#7
Trichlorofluoromethane
Concen: 20.504 ug/l
RT: 3.506 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN078823.D
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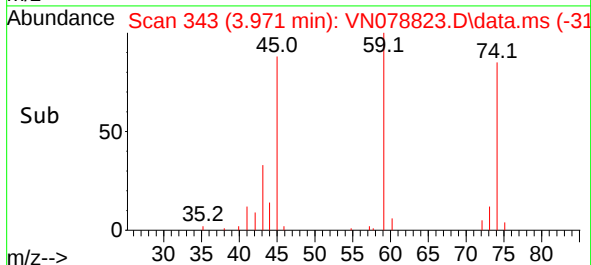
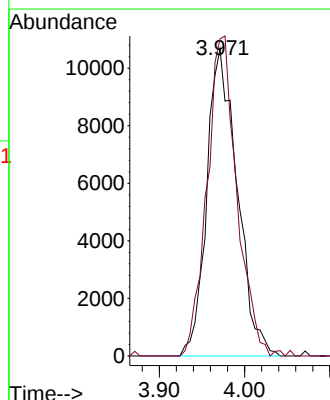
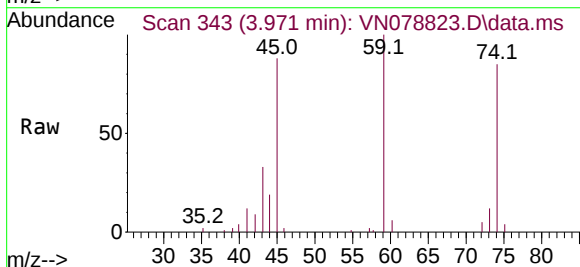
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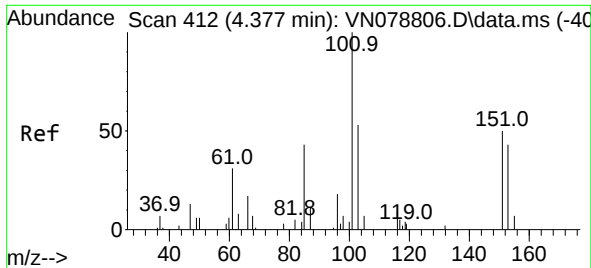
Tgt Ion:101 Resp: 76117
Ion Ratio Lower Upper
101 100
103 61.1 50.4 75.6



#8
Diethyl Ether
Concen: 20.052 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 74 Resp: 26470
Ion Ratio Lower Upper
74 100
45 101.9 16.3 146.5

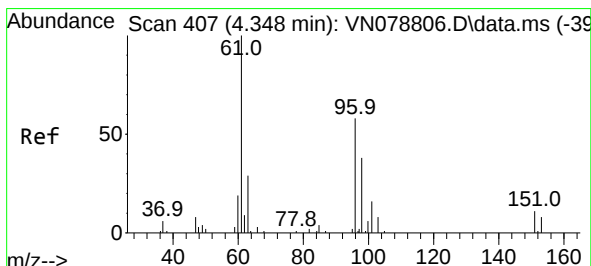
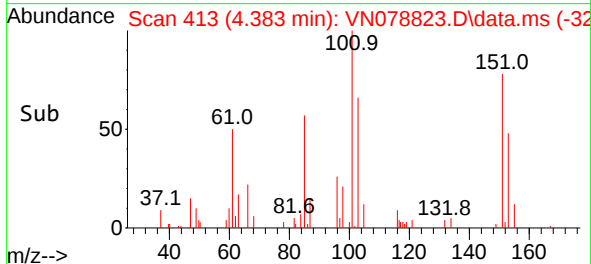
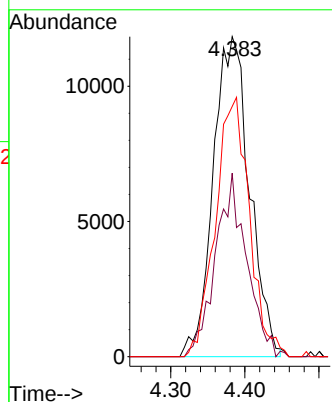
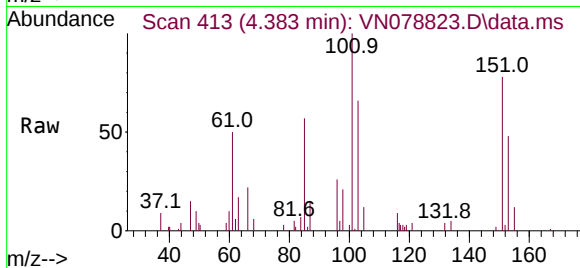




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.218 ug/l
 RT: 4.383 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN078823.D
 Acq: 09 Aug 2023 16:48

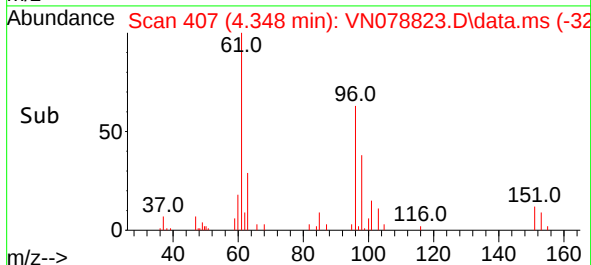
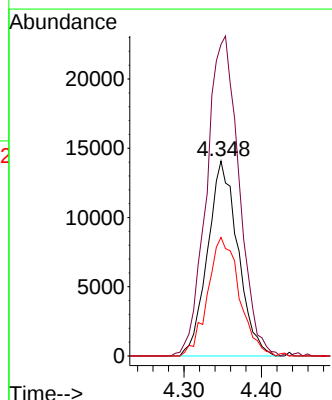
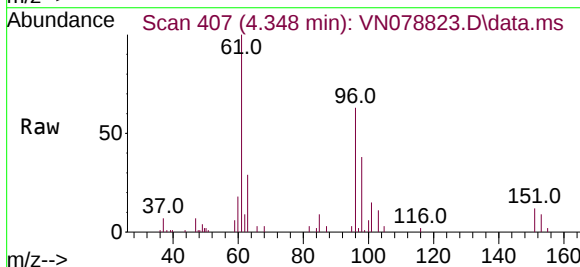
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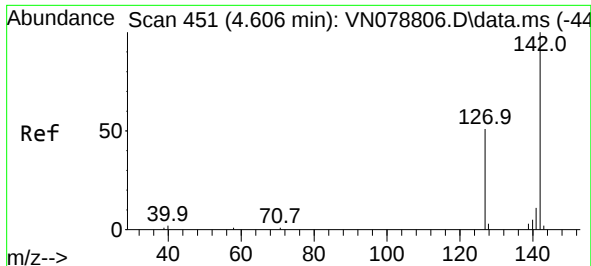
Tgt Ion:101 Resp: 40263
 Ion Ratio Lower Upper
 101 100
 85 25.5 0.0 89.2
 151 74.6 0.0 148.8



#10
 1,1-Dichloroethene
 Concen: 19.828 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: VN078823.D
 Acq: 09 Aug 2023 16:48

Tgt Ion: 96 Resp: 38239
 Ion Ratio Lower Upper
 96 100
 61 159.9 123.4 185.2
 98 60.8 53.7 80.5

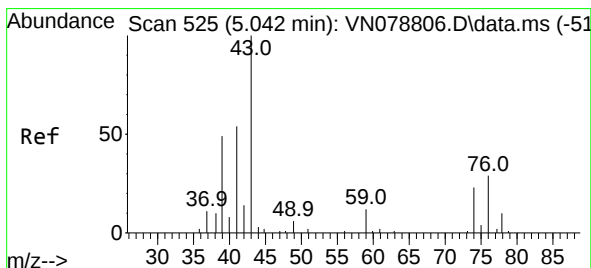
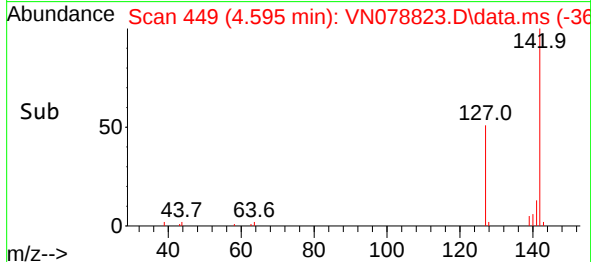
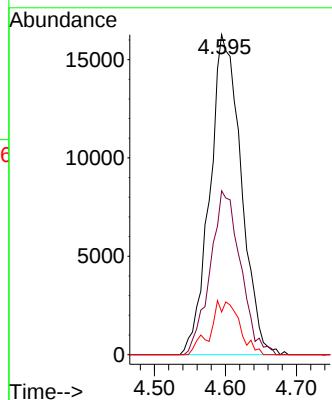
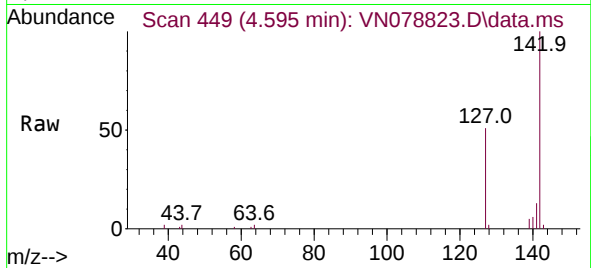




#11
Methyl Iodide
Concen: 19.380 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

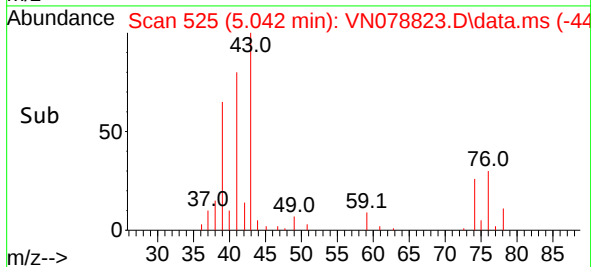
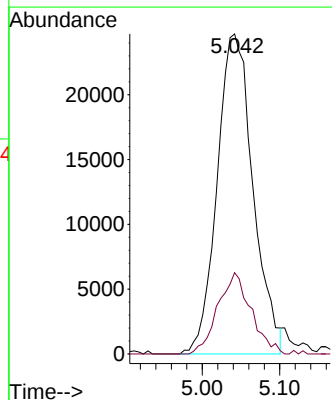
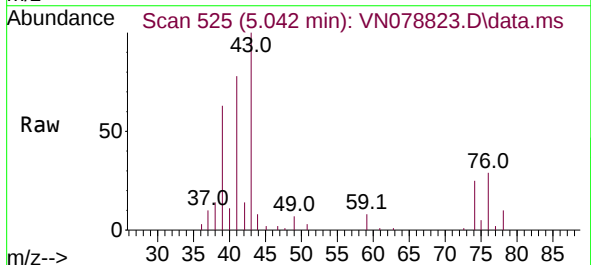
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

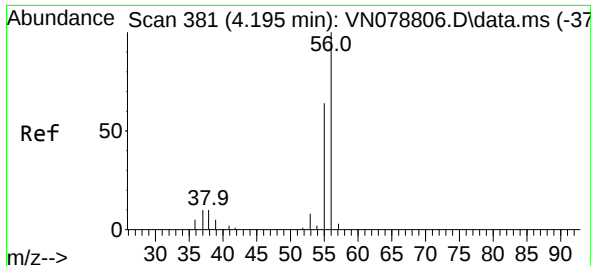
Tgt Ion:142 Resp: 49856
Ion Ratio Lower Upper
142 100
127 51.2 23.2 69.5
141 13.4 7.2 21.7



#12
Methyl Acetate
Concen: 18.980 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 43 Resp: 79560
Ion Ratio Lower Upper
43 100
74 26.1 20.5 30.7

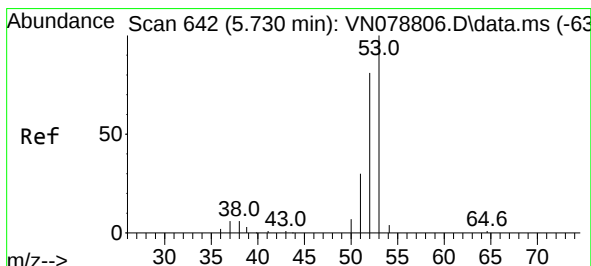
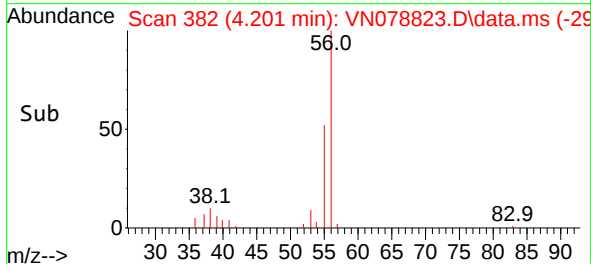
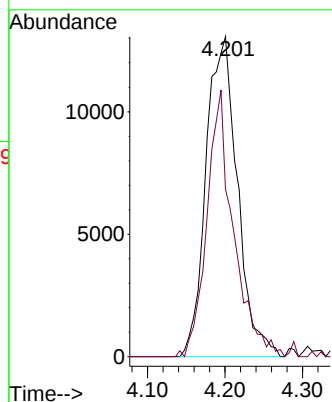
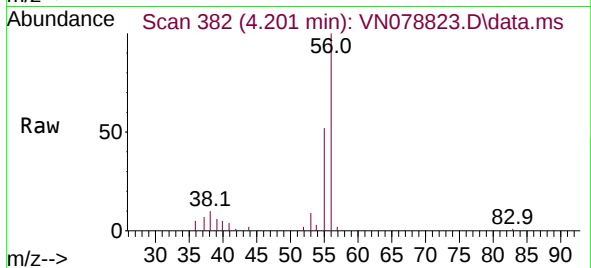




#13
Acrolein
Concen: 82.853 ug/l
RT: 4.201 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

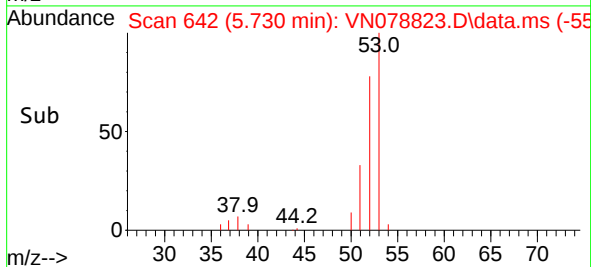
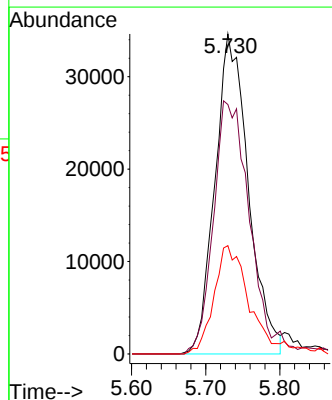
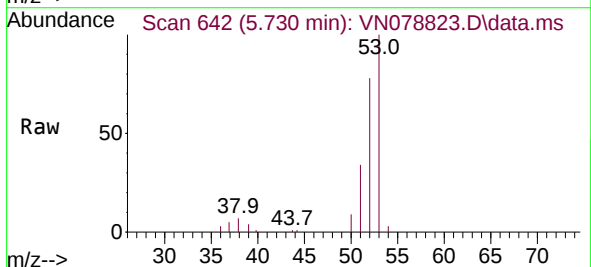
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

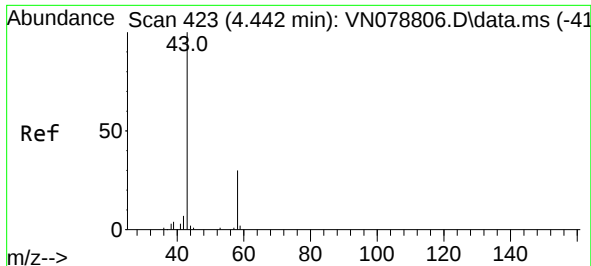
Tgt Ion: 56 Resp: 36784
Ion Ratio Lower Upper
56 100
55 70.2 59.0 88.4



#14
Acrylonitrile
Concen: 97.999 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 53 Resp: 108239
Ion Ratio Lower Upper
53 100
52 46.7 42.3 126.9
51 34.2 18.4 55.4

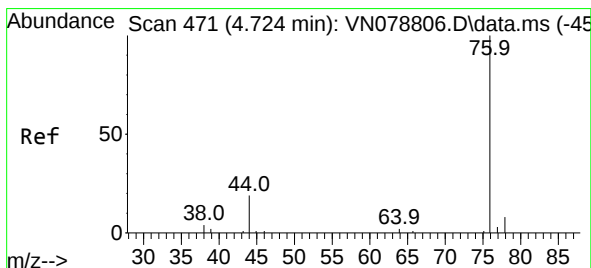
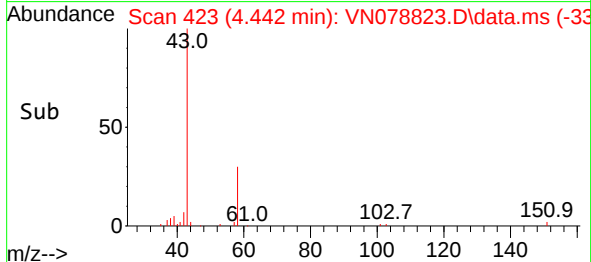
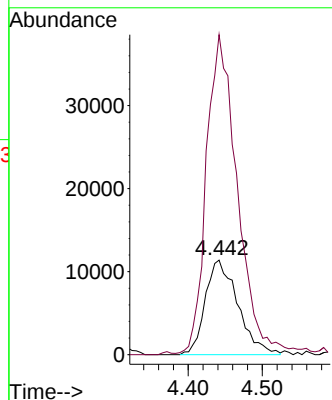
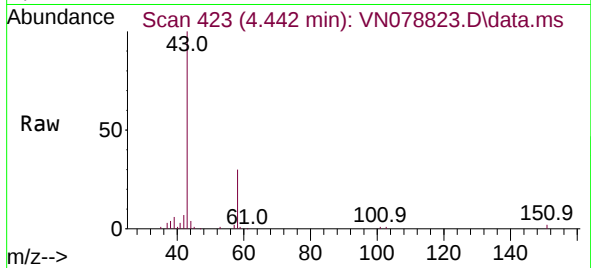




#15
Acetone
Concen: 122.471 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

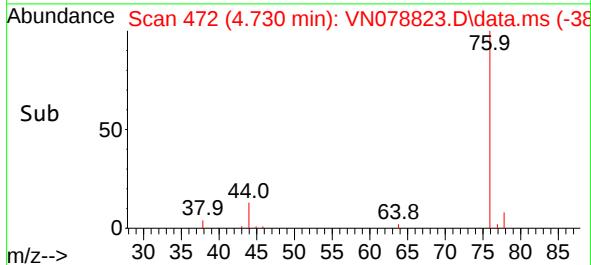
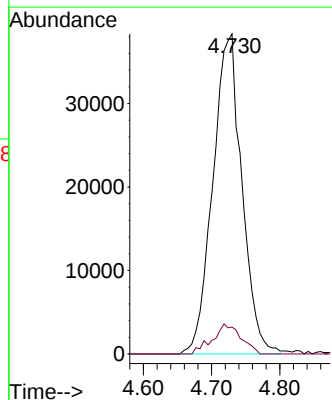
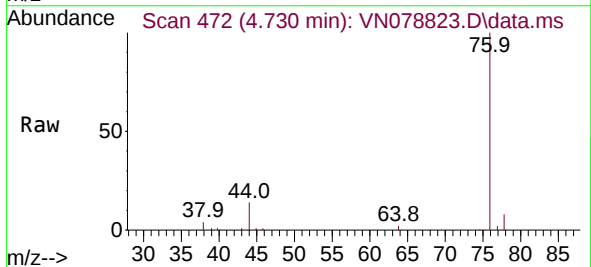
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

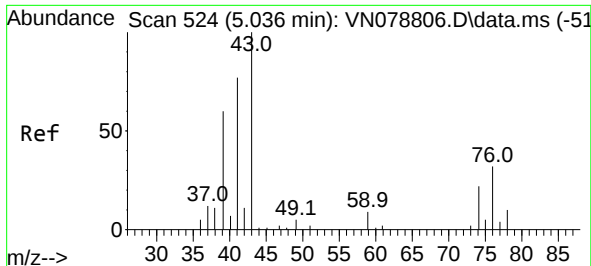
Tgt Ion: 58 Resp: 34853
Ion Ratio Lower Upper
58 100
43 336.2 227.5 341.3



#16
Carbon Disulfide
Concen: 20.352 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 76 Resp: 113617
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5





#17

Allyl chloride

Concen: 19.571 ug/l

RT: 5.036 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

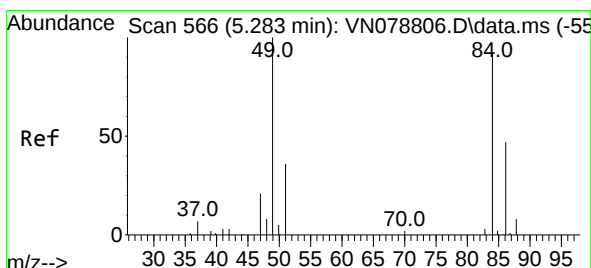
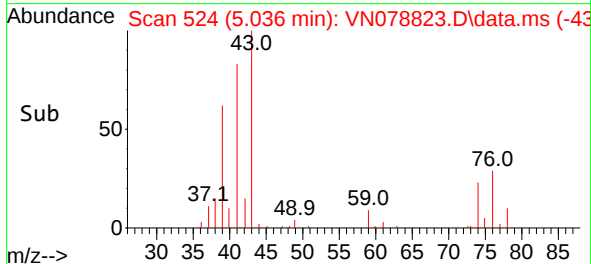
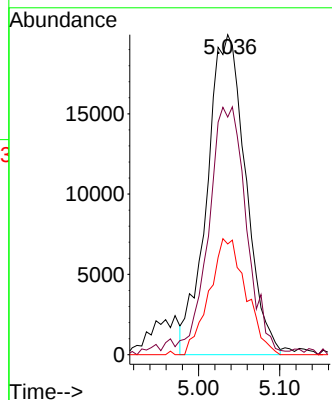
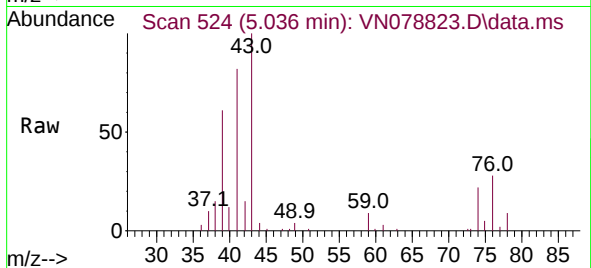
Tgt Ion: 41 Resp: 65976

Ion Ratio Lower Upper

41 100

39 74.1 37.6 112.8

76 35.2 23.8 71.4



#18

Methylene Chloride

Concen: 19.163 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Tgt Ion: 84 Resp: 46119

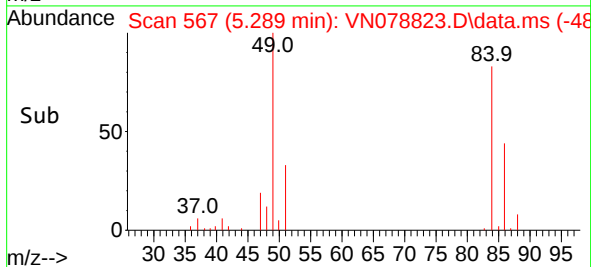
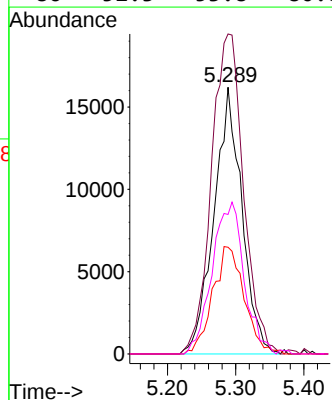
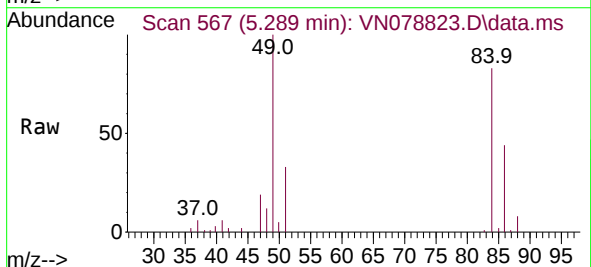
Ion Ratio Lower Upper

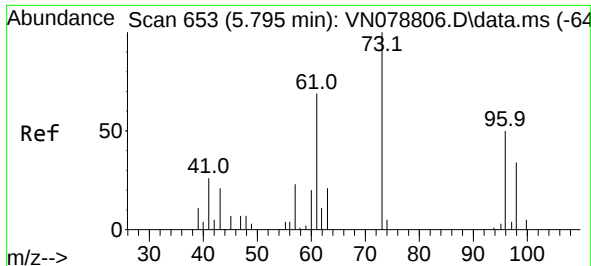
84 100

49 120.0 88.1 132.1

51 40.0 24.0 36.0#

86 52.3 53.8 80.8#





#19

trans-1,2-Dichloroethene

Concen: 19.795 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

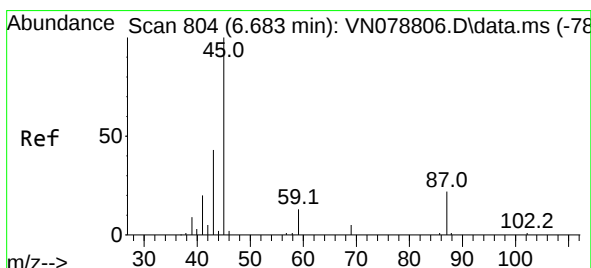
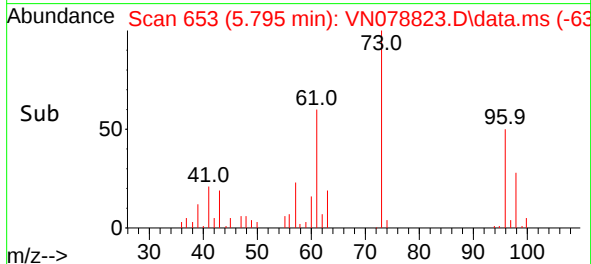
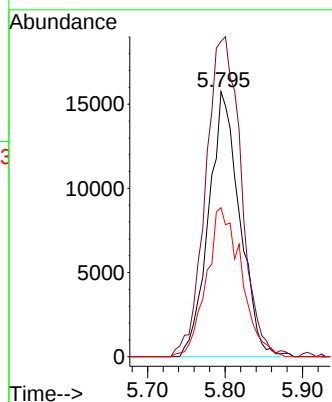
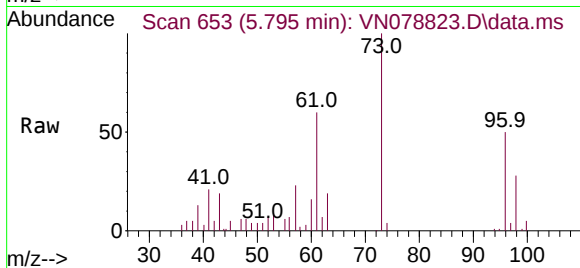
Tgt Ion: 96 Resp: 43833

Ion Ratio Lower Upper

96 100

61 116.8 105.2 157.8

98 55.1 50.5 75.7



#20

Diisopropyl ether

Concen: 20.520 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Tgt Ion: 45 Resp: 155336

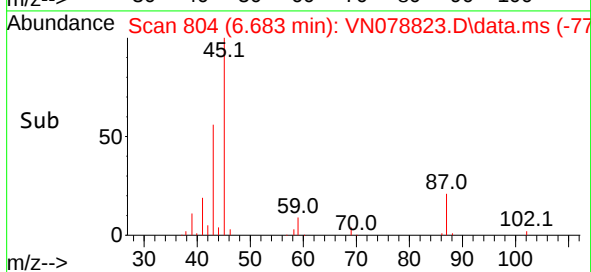
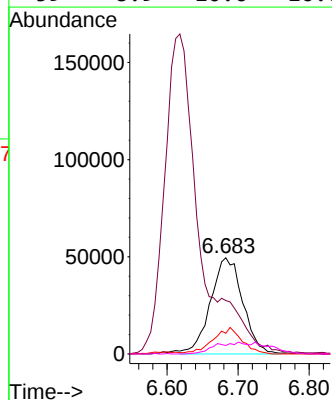
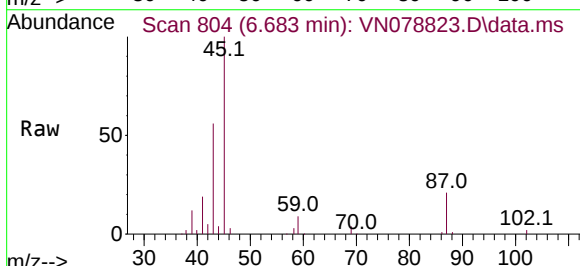
Ion Ratio Lower Upper

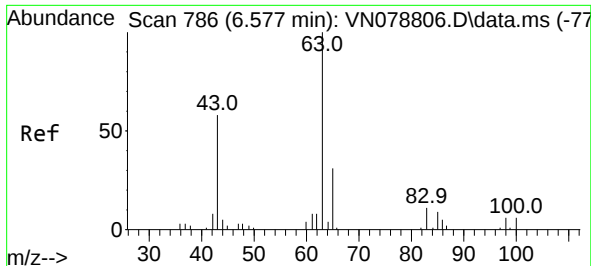
45 100

43 52.8 43.6 65.4

87 21.6 25.8 38.6#

59 8.9 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 20.051 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

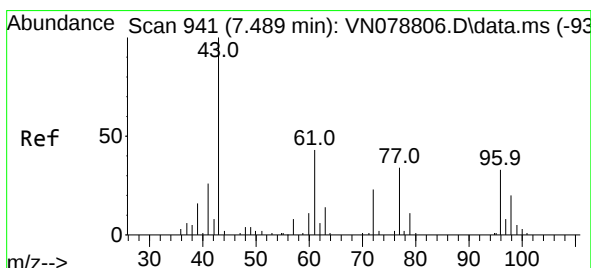
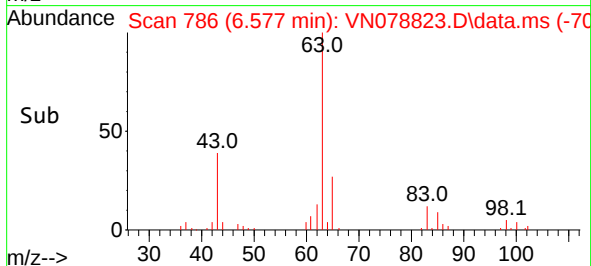
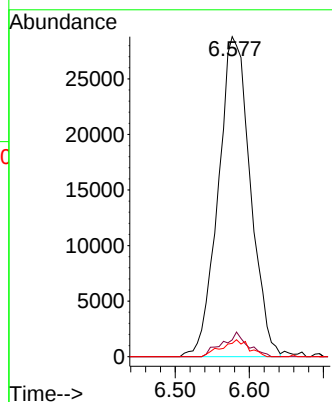
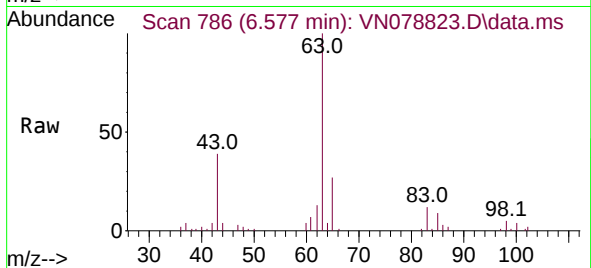
Tgt Ion: 63 Resp: 86540

Ion Ratio Lower Upper

63 100

98 5.2 2.7 8.1

100 4.2 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.524 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.018 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

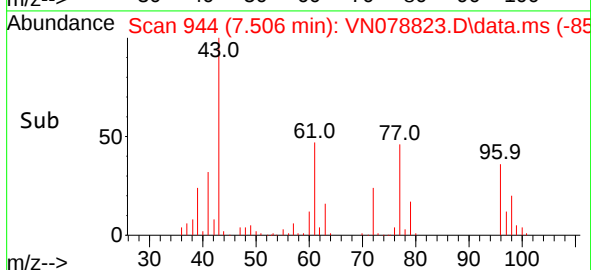
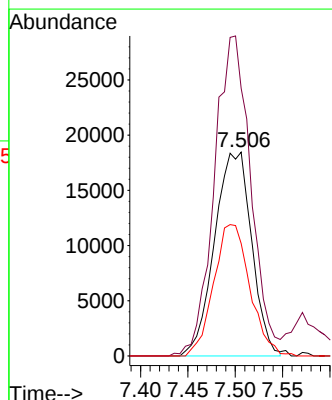
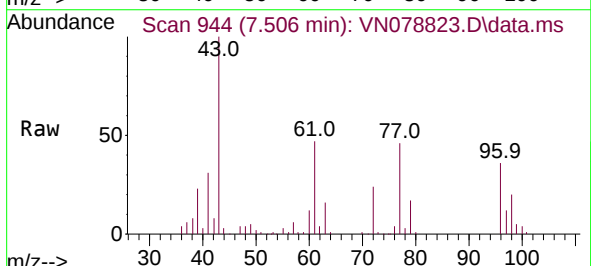
Tgt Ion: 96 Resp: 50372

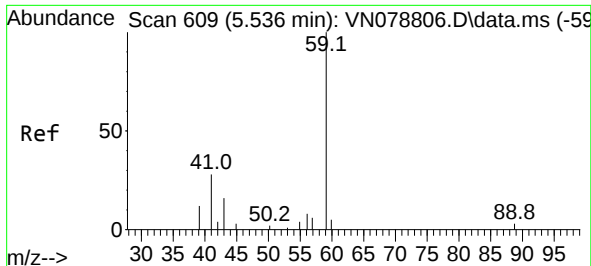
Ion Ratio Lower Upper

96 100

61 153.7 113.8 170.6

98 62.7 52.2 78.4

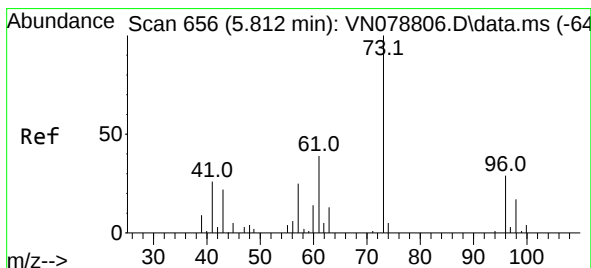
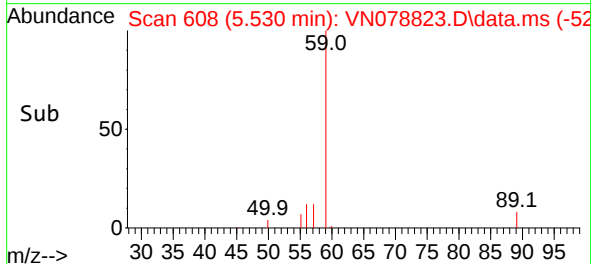
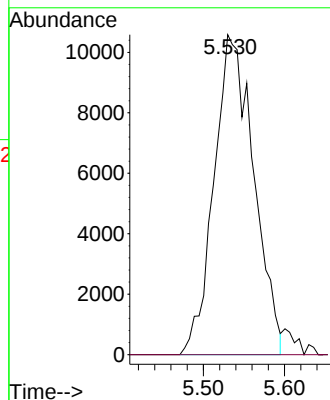
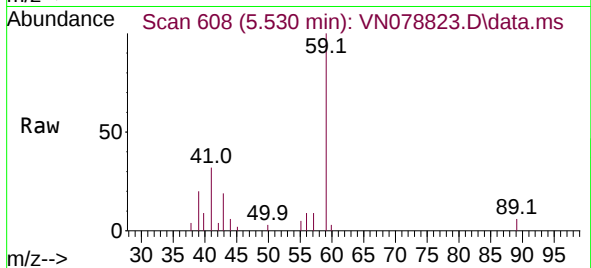




#23
tert-Butyl Alcohol
Concen: 87.720 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

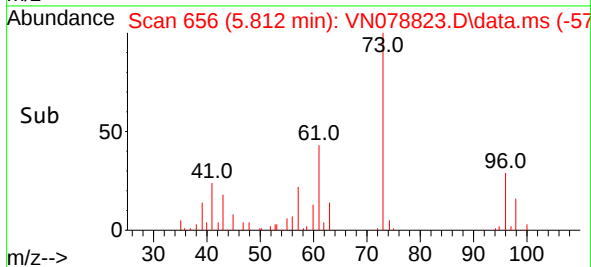
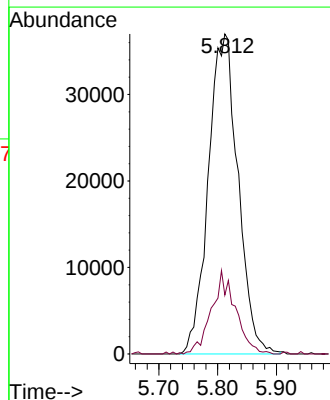
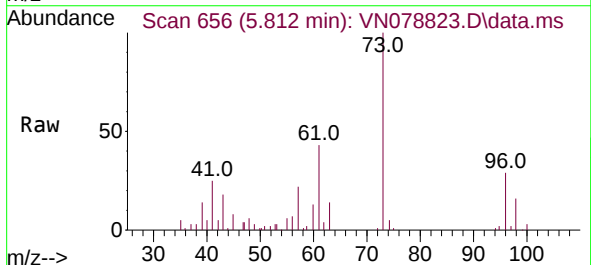
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

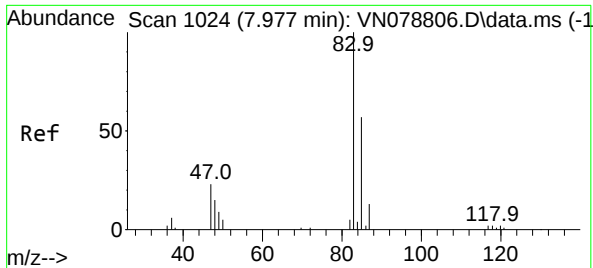
Tgt Ion: 59 Resp: 36002
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.083 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 73 Resp: 129631
Ion Ratio Lower Upper
73 100
43 19.9 14.5 21.7

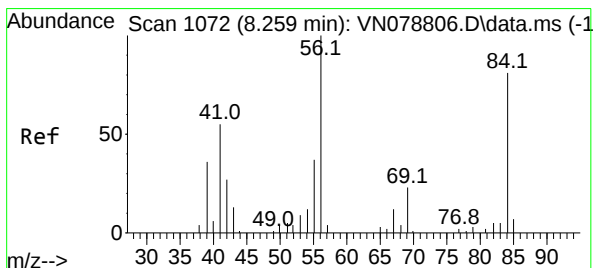
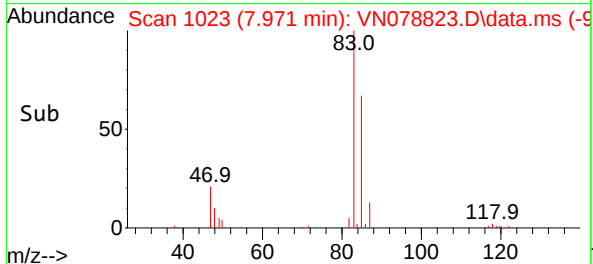
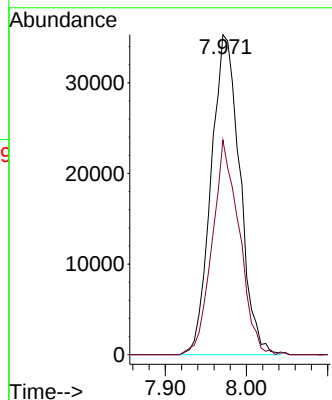
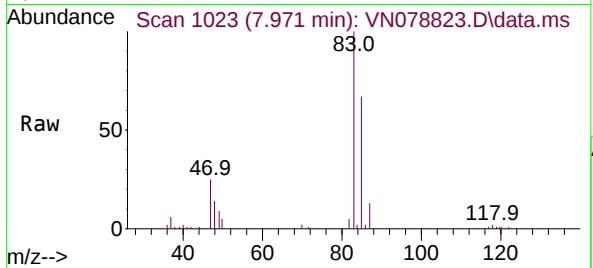




#25
Chloroform
Concen: 20.221 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

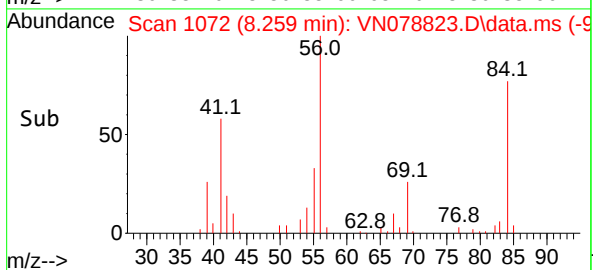
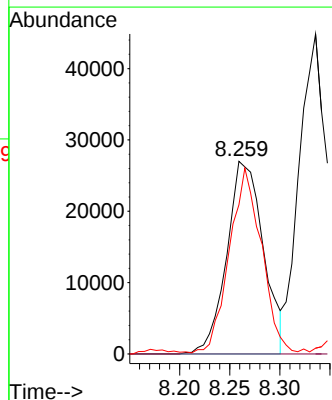
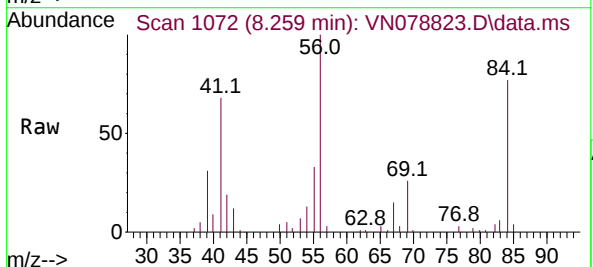
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

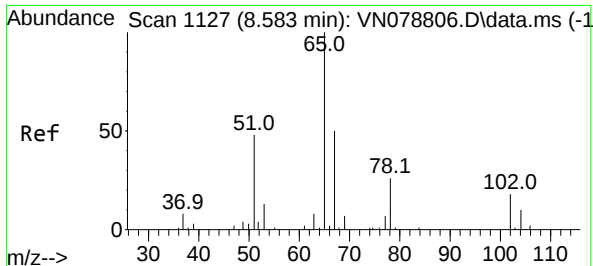
Tgt Ion: 83 Resp: 86640
Ion Ratio Lower Upper
83 100
85 67.1 53.4 80.0



#26
Cyclohexane
Concen: 20.181 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 56 Resp: 68601
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.2 74.2 111.4

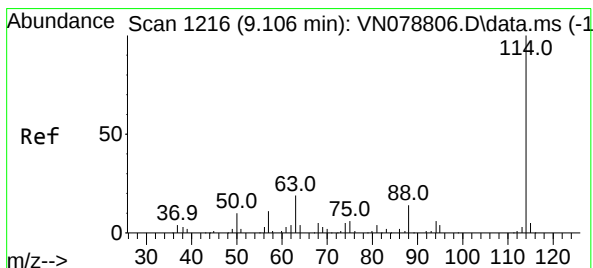
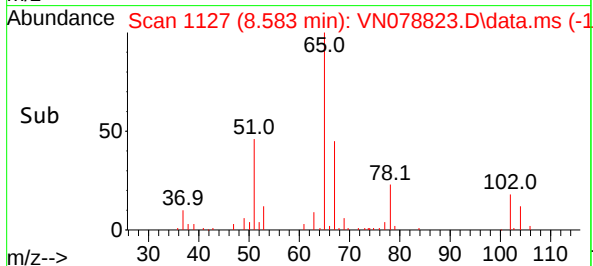
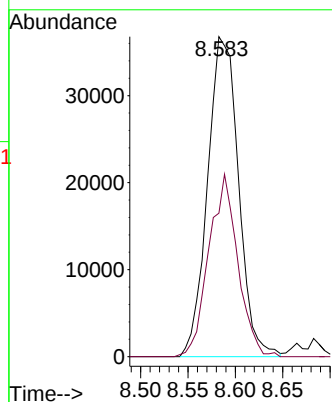
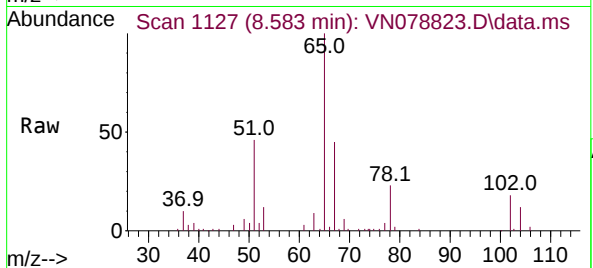




#27
1,2-Dichloroethane-d4
Concen: 30.000 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

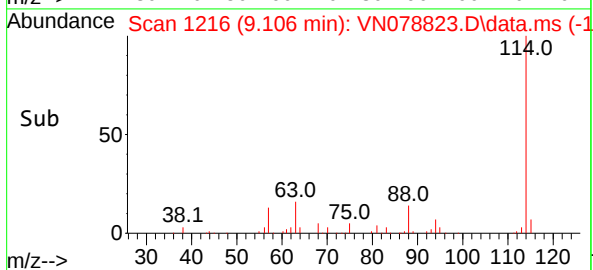
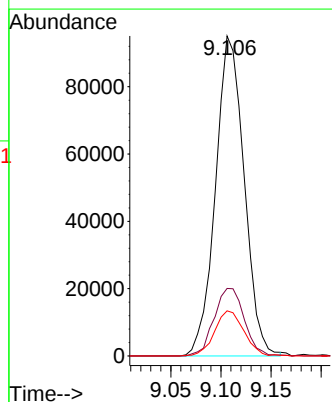
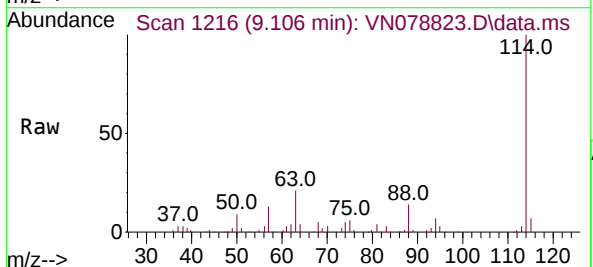
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

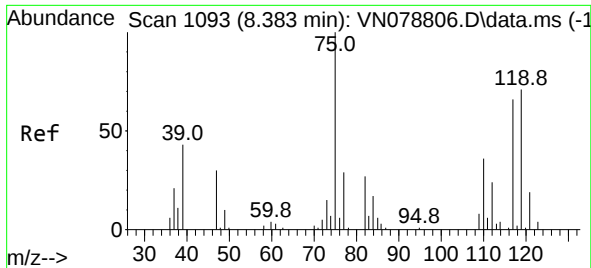
Tgt Ion: 65 Resp: 83639
Ion Ratio Lower Upper
65 100
67 53.0 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 114 Resp: 189051
Ion Ratio Lower Upper
114 100
63 22.2 15.2 22.8
88 14.3 12.5 18.7

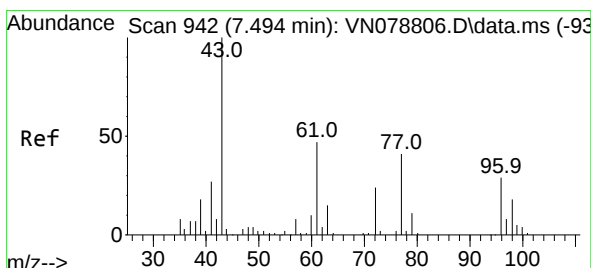
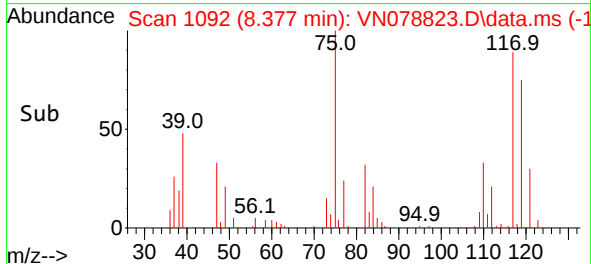
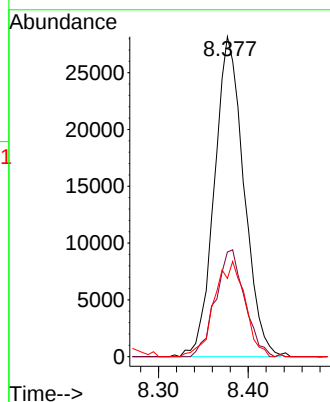
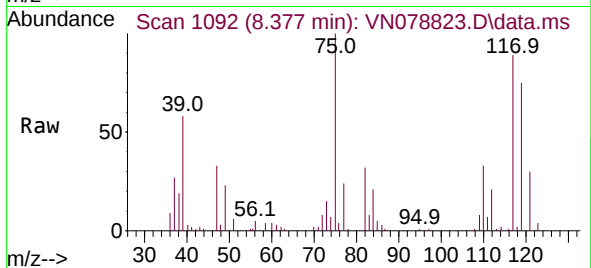




#29
1,1-Dichloropropene
Concen: 20.925 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

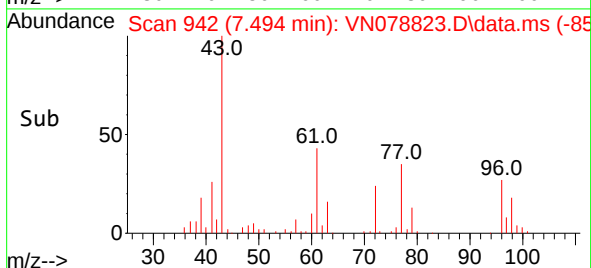
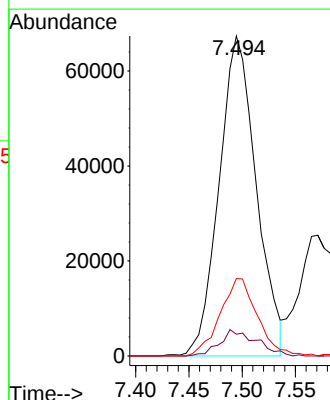
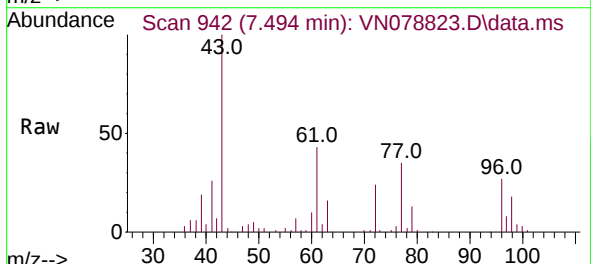
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

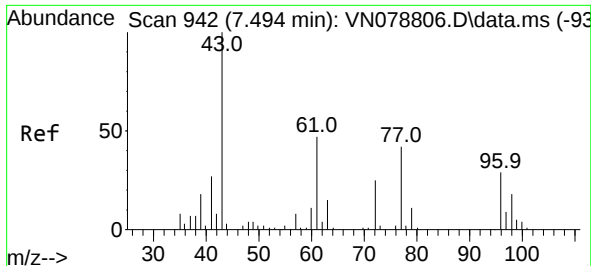
Tgt Ion: 75 Resp: 64268
Ion Ratio Lower Upper
75 100
110 32.9 0.0 72.2
77 31.0 0.0 62.8



#30
2-Butanone
Concen: 108.460 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 43 Resp: 163276
Ion Ratio Lower Upper
43 100
57 5.8 6.8 10.2#
72 24.3 23.8 35.6

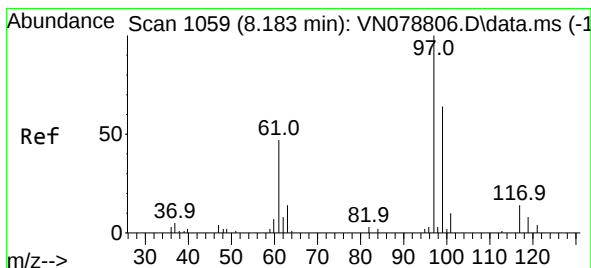
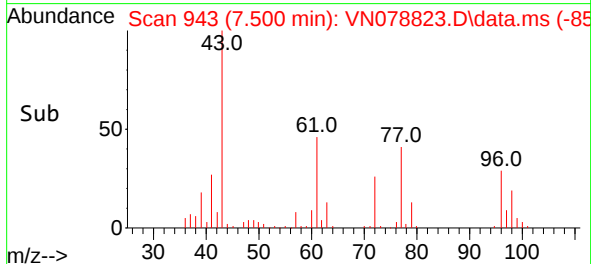
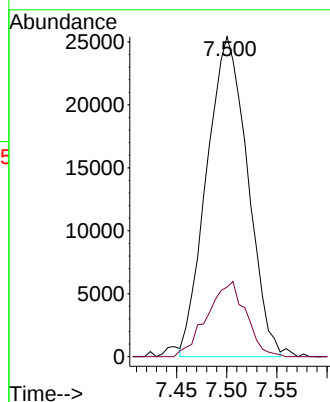
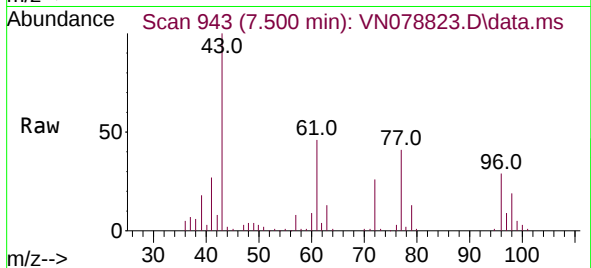




#31
2,2-Dichloropropane
Concen: 22.763 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

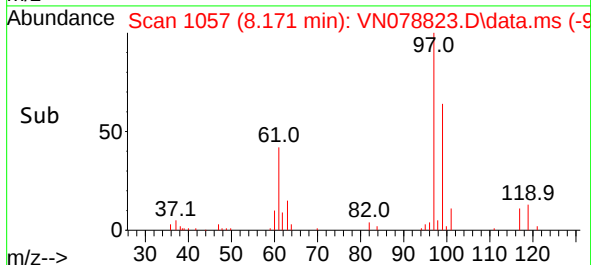
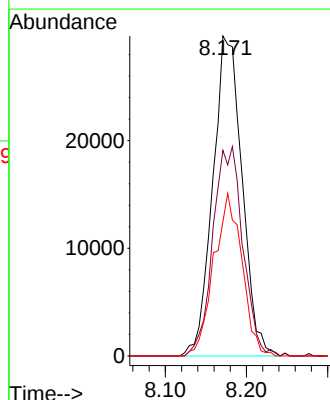
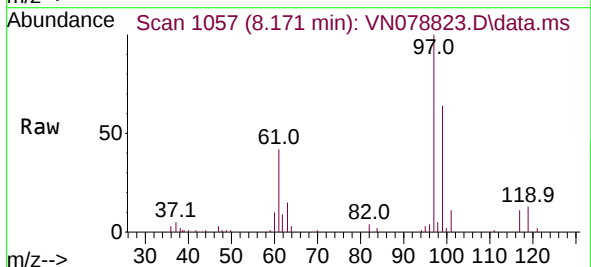
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

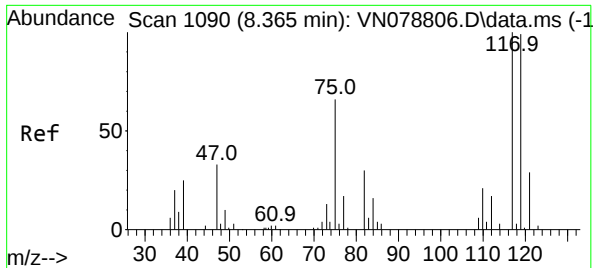
Tgt Ion: 77 Resp: 72094
Ion Ratio Lower Upper
77 100
97 22.3 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.574 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 97 Resp: 74414
Ion Ratio Lower Upper
97 100
99 66.5 51.3 76.9
61 48.5 34.6 52.0

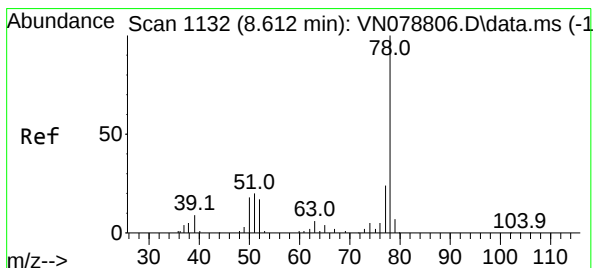
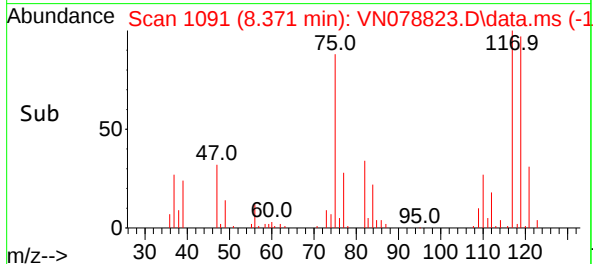
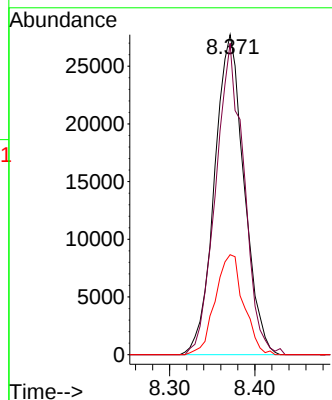
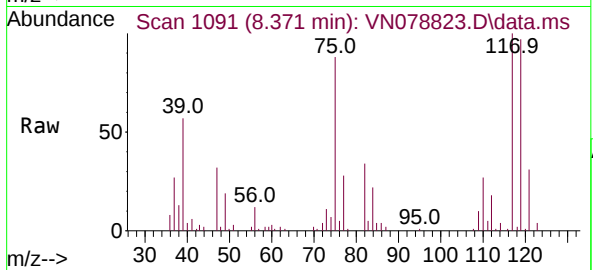




#33
Carbon Tetrachloride
Concen: 21.434 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

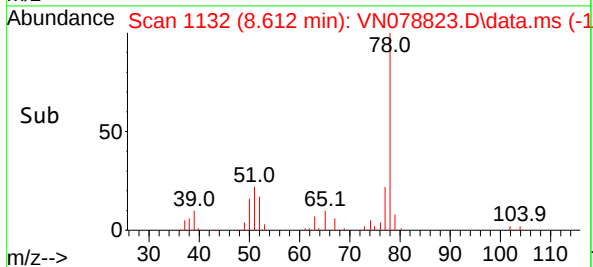
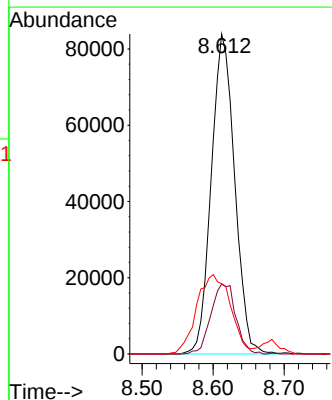
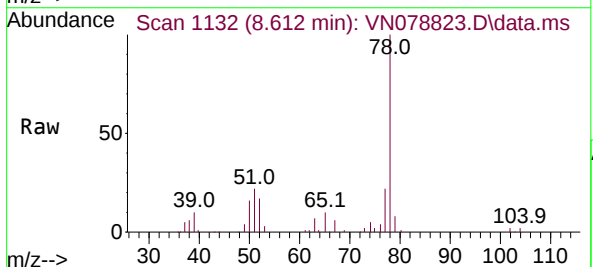
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

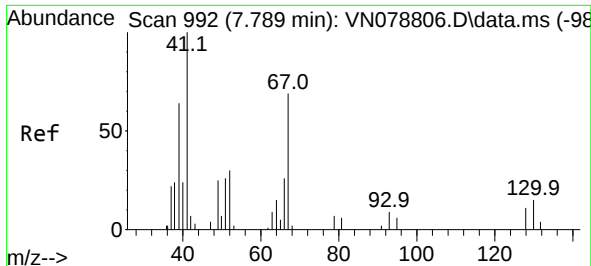
Tgt Ion:117 Resp: 66912
Ion Ratio Lower Upper
117 100
119 97.3 81.4 122.0
121 31.3 23.6 35.4



#34
Benzene
Concen: 20.517 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 78 Resp: 191739
Ion Ratio Lower Upper
78 100
77 21.9 18.3 27.5
51 20.3 13.7 20.5

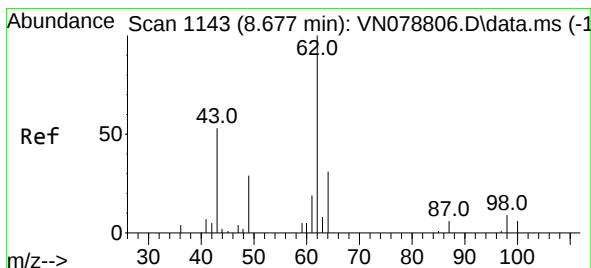
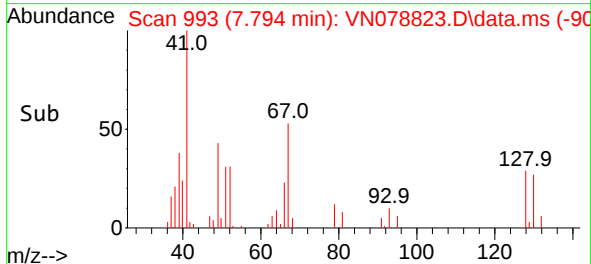
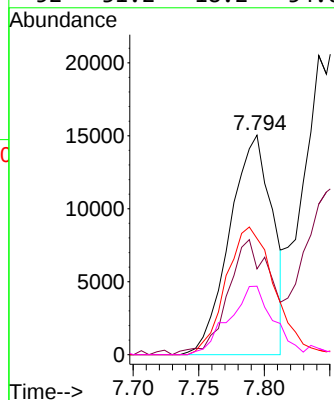
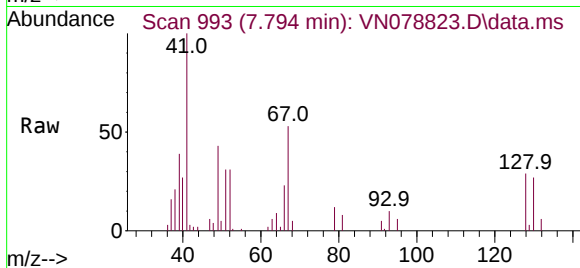




#35
Methacrylonitrile
Concen: 19.307 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

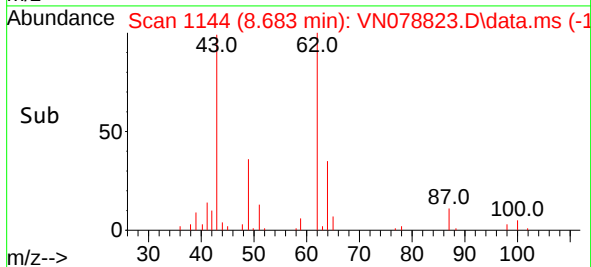
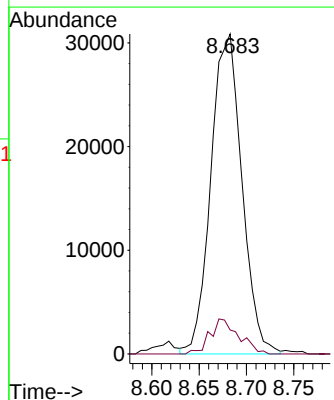
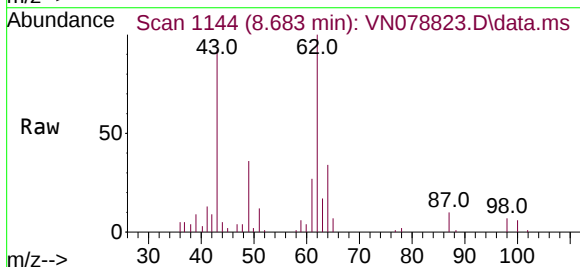
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

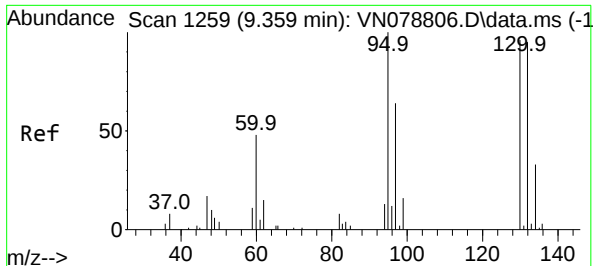
Tgt Ion:	41	Resp:	34129
Ion	Ratio	Lower	Upper
41	100		
39	37.5	33.9	101.6
67	53.0	45.9	137.6
52	31.2	18.2	54.6



#36
1,2-Dichloroethane
Concen: 21.518 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:	62	Resp:	70296
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.4	11.0





#37

Trichloroethene

Concen: 20.598 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

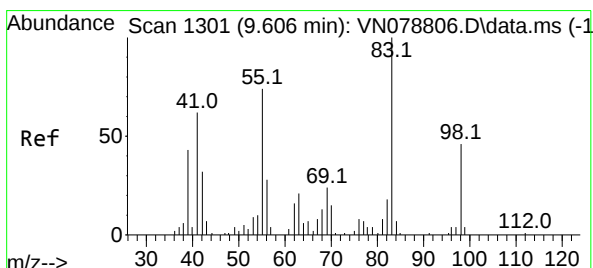
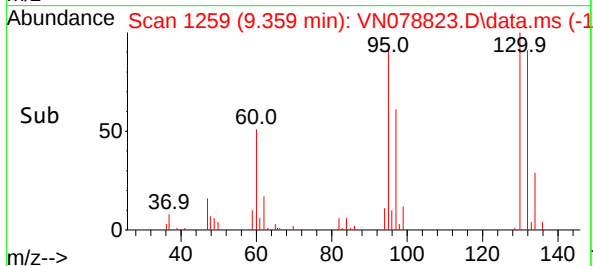
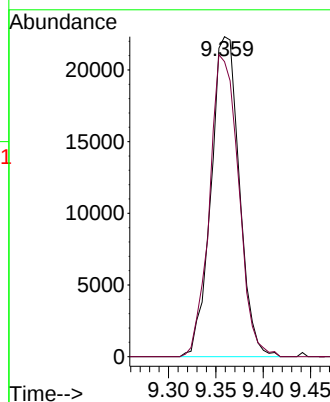
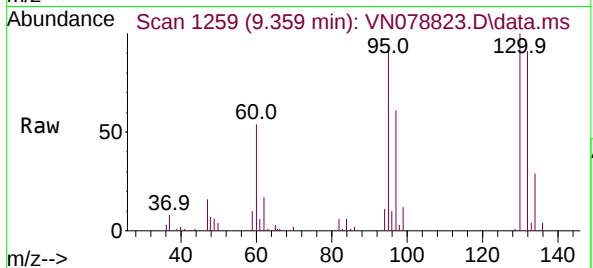
VSTDCCC020EC

Tgt Ion:130 Resp: 46321

Ion Ratio Lower Upper

130 100

95 92.2 78.2 117.4



#38

Methylcyclohexane

Concen: 19.631 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

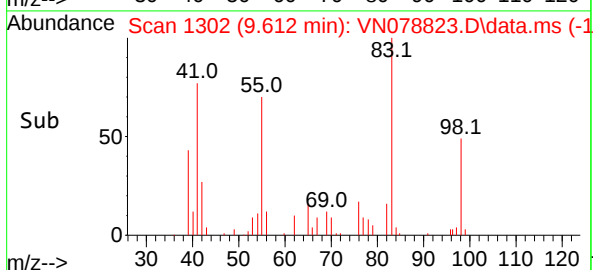
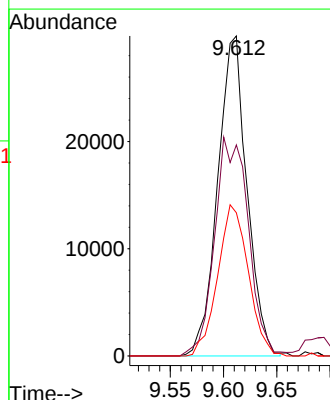
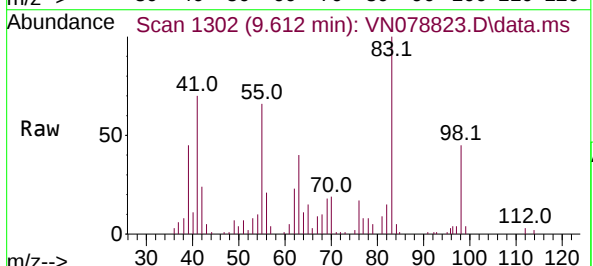
Tgt Ion: 83 Resp: 57085

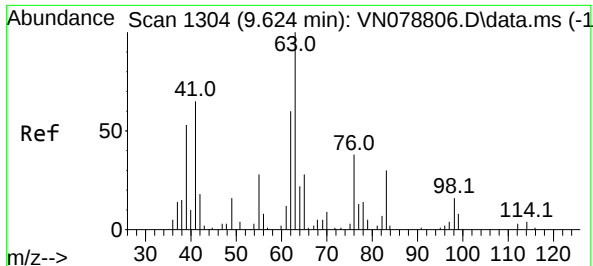
Ion Ratio Lower Upper

83 100

55 41.1 34.0 102.0

98 49.5 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.900 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

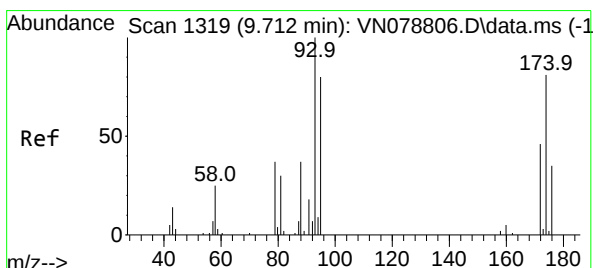
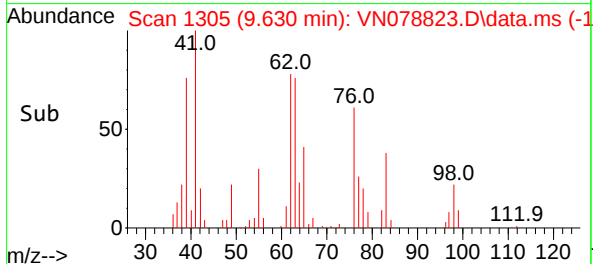
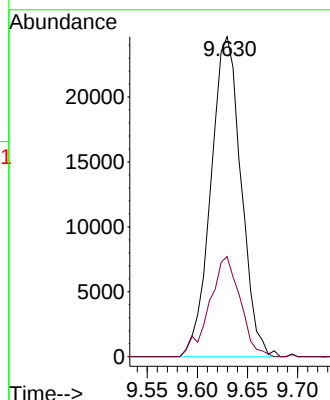
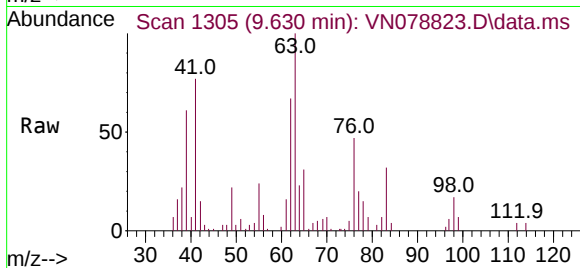
VSTDCCC020EC

Tgt Ion: 63 Resp: 51676

Ion Ratio Lower Upper

63 100

65 31.3 27.4 41.2



#40

Dibromomethane

Concen: 19.965 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

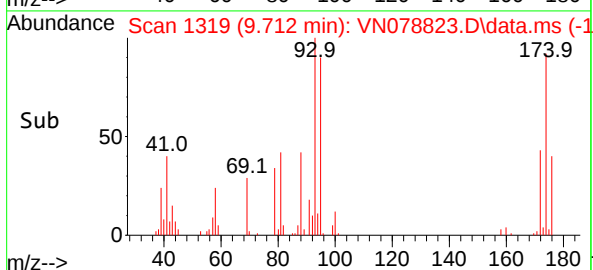
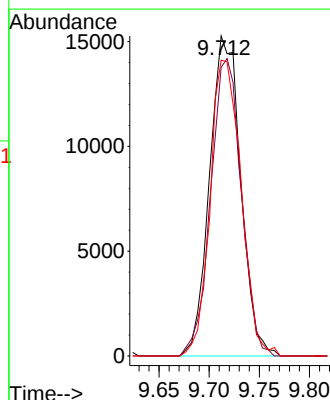
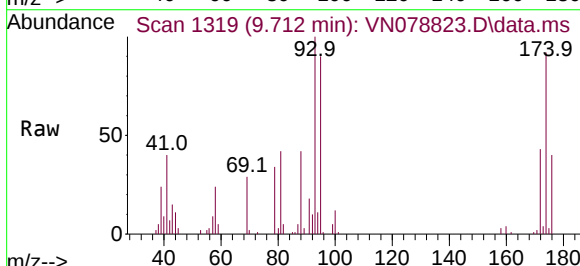
Tgt Ion: 93 Resp: 32871

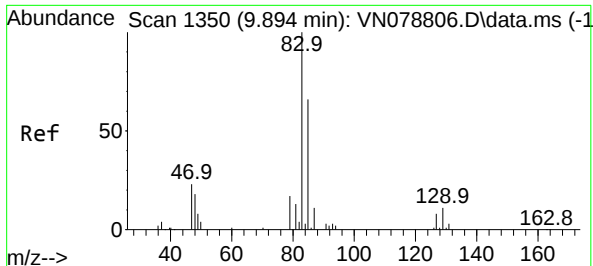
Ion Ratio Lower Upper

93 100

95 91.3 0.0 167.8

174 92.0 0.0 180.8

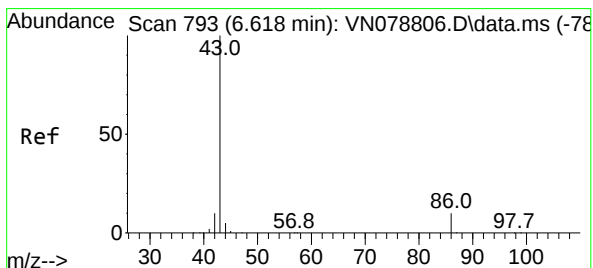
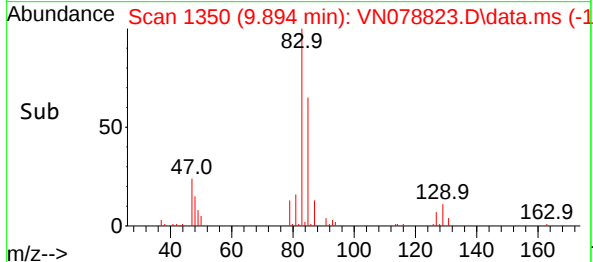
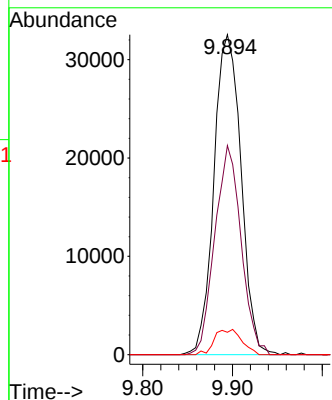
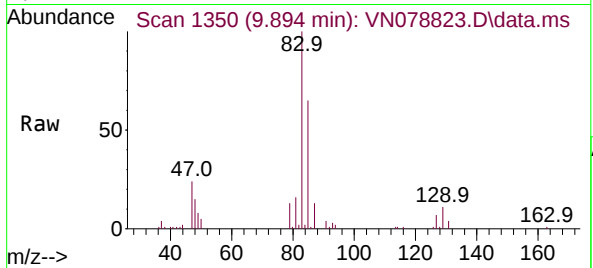




#41
Bromodichloromethane
Concen: 20.562 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

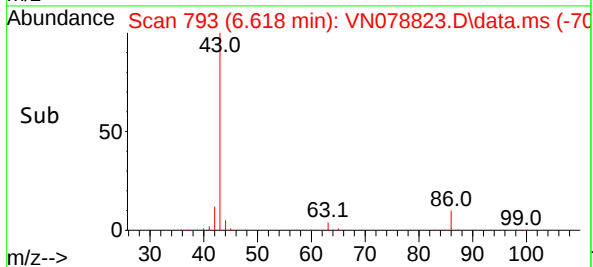
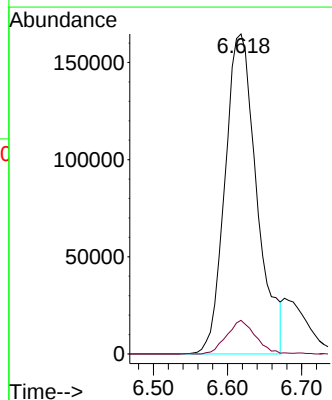
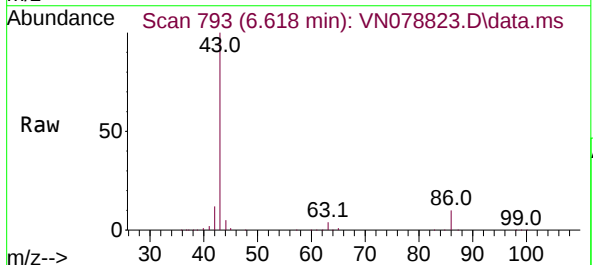
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

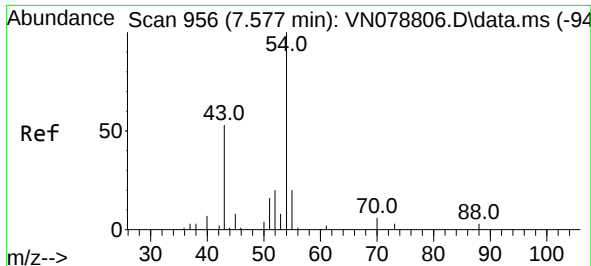
Tgt Ion: 83 Resp: 68217
Ion Ratio Lower Upper
83 100
85 65.3 54.1 81.1
127 7.0 7.8 11.6#



#42
Vinyl Acetate
Concen: 103.581 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 43 Resp: 490688
Ion Ratio Lower Upper
43 100
86 9.4 9.4 14.0





#43

Ethyl Acetate

Concen: 21.986 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

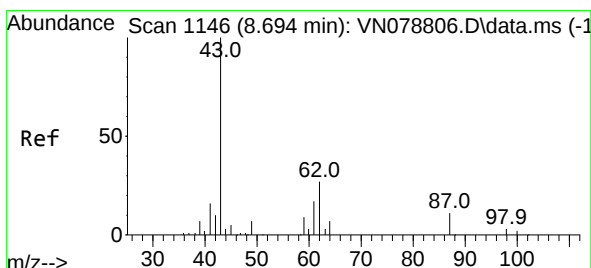
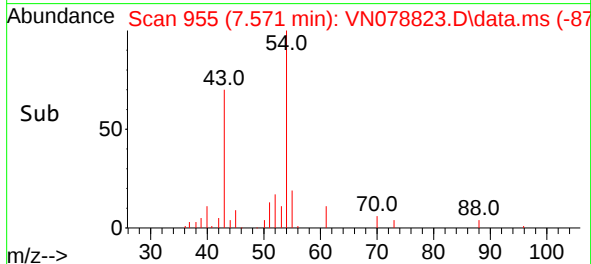
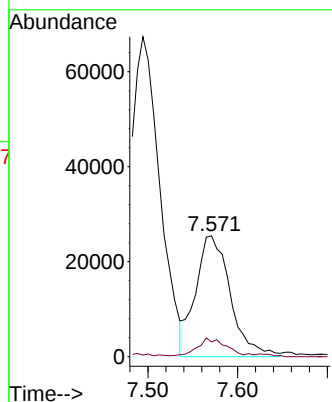
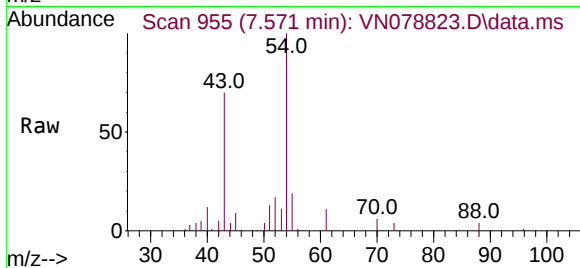
VSTDCCC020EC

Tgt Ion: 43 Resp: 68708

Ion Ratio Lower Upper

43 100

45 12.6 10.9 16.3



#44

Isopropyl Acetate

Concen: 19.214 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078823.D

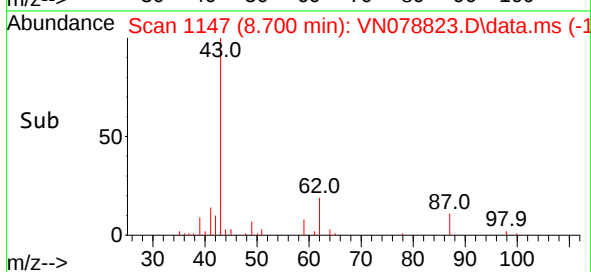
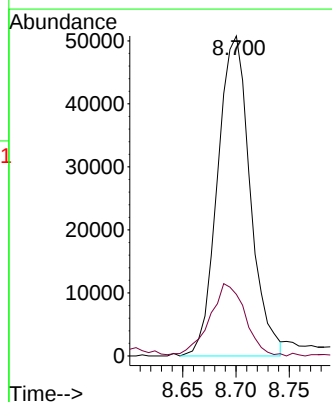
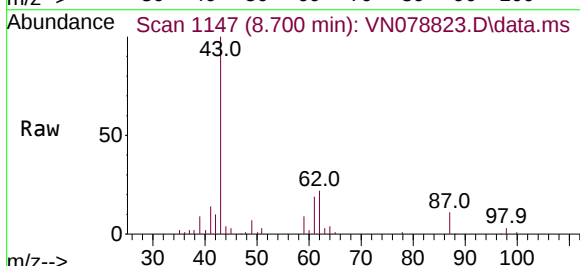
Acq: 09 Aug 2023 16:48

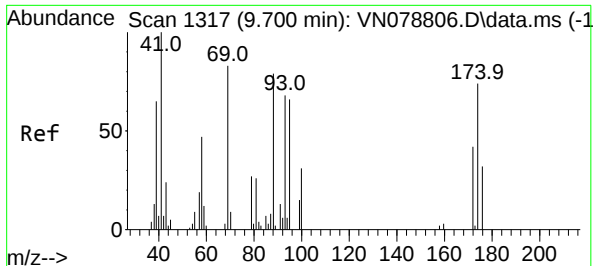
Tgt Ion: 43 Resp: 107819

Ion Ratio Lower Upper

43 100

61 24.8 23.0 34.6

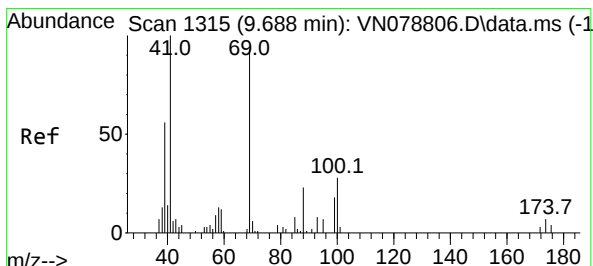
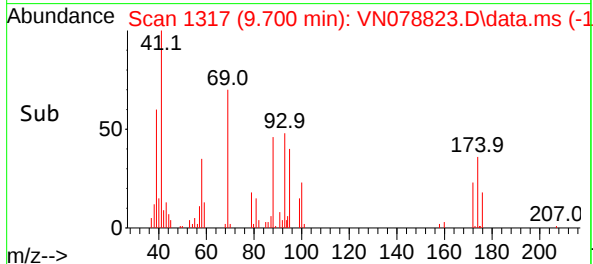
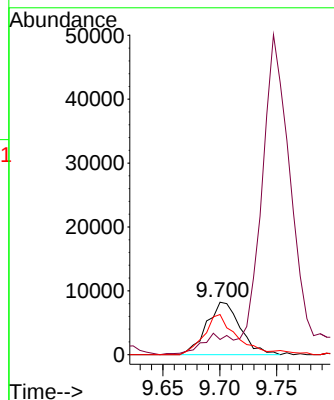
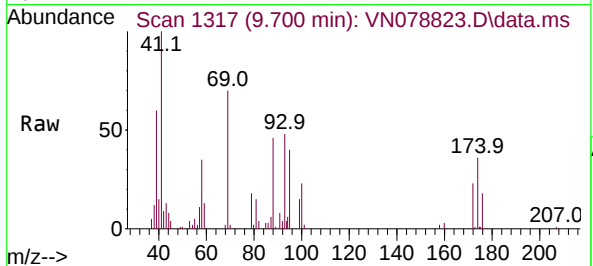




#45
1,4-Dioxane
Concen: 448.888 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

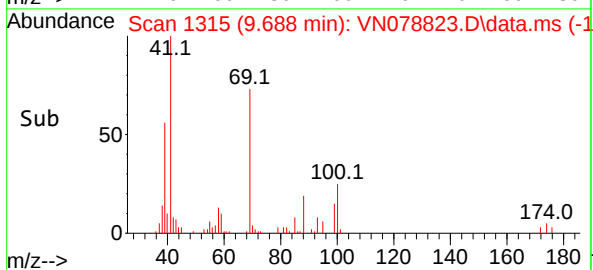
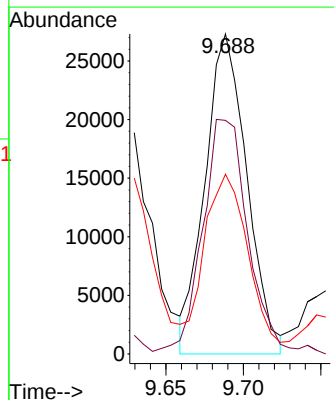
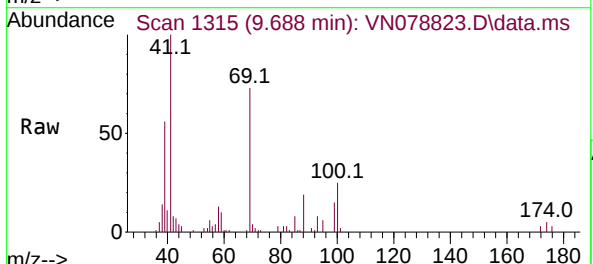
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

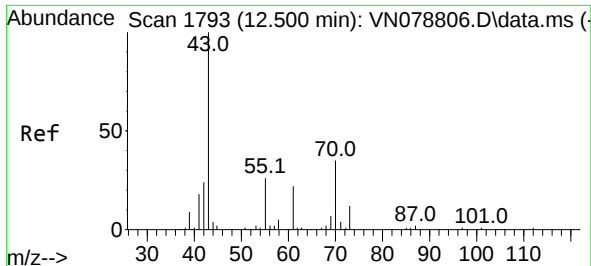
Tgt Ion: 88 Resp: 16900
Ion Ratio Lower Upper
88 100
43 20.3 19.0 28.6
58 71.7 48.2 72.2



#46
Methyl methacrylate
Concen: 21.565 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 41 Resp: 51244
Ion Ratio Lower Upper
41 100
69 74.2 49.0 147.0
39 55.7 31.6 94.8

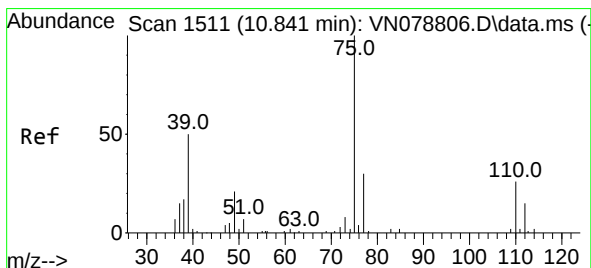
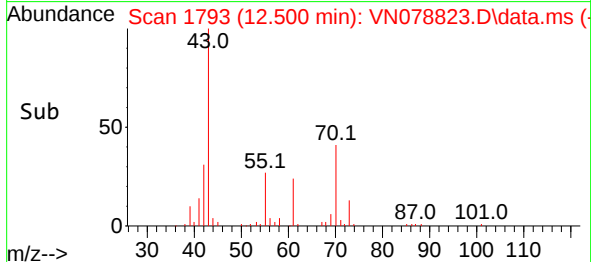
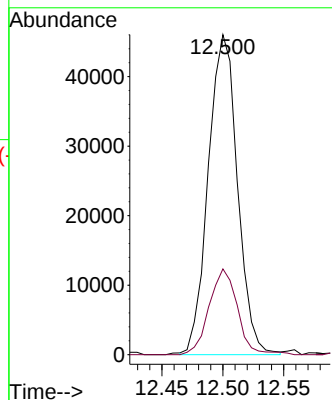
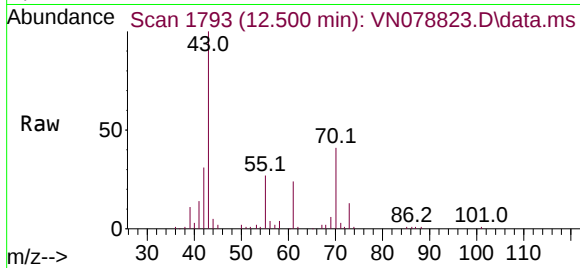




#47
n-amyl acetate
Concen: 19.622 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

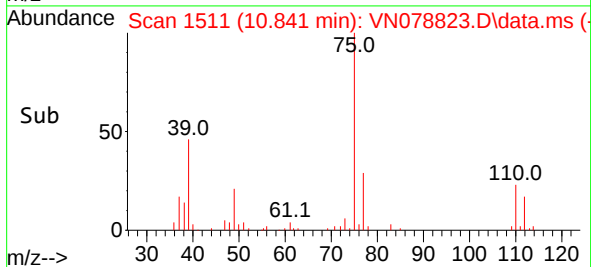
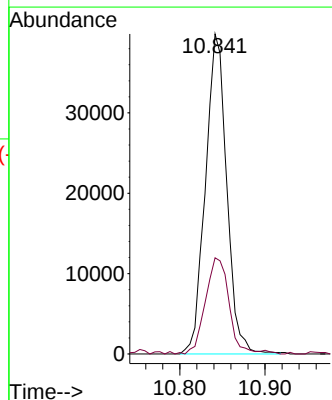
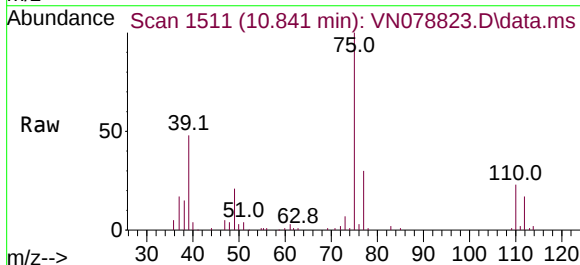
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

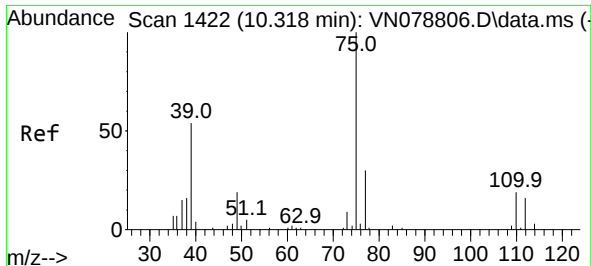
Tgt Ion: 43 Resp: 76978
Ion Ratio Lower Upper
43 100
55 25.7 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 20.664 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 75 Resp: 69222
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 20.062 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

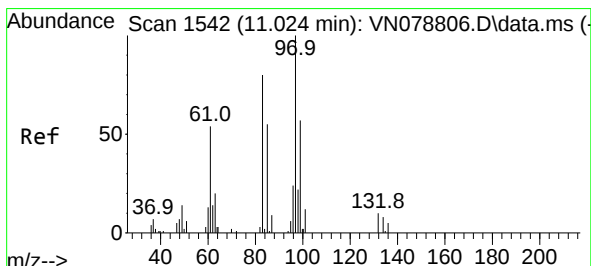
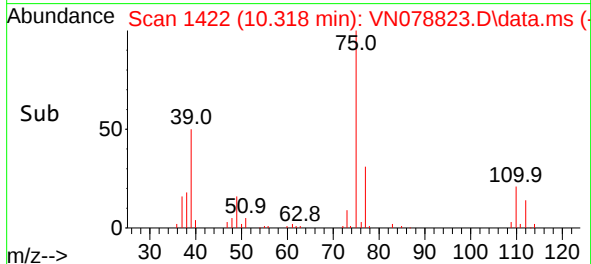
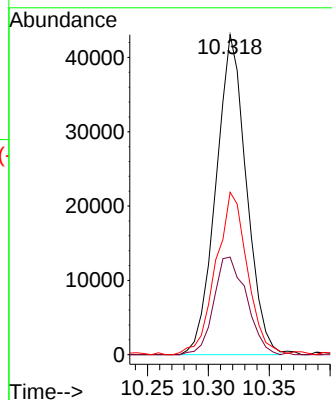
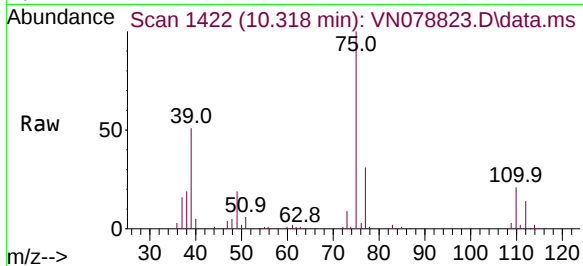
Tgt Ion: 75 Resp: 74739

Ion Ratio Lower Upper

75 100

77 30.5 24.0 36.0

39 50.1 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 20.148 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Tgt Ion: 97 Resp: 45075

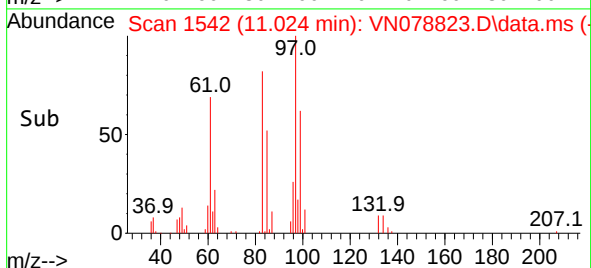
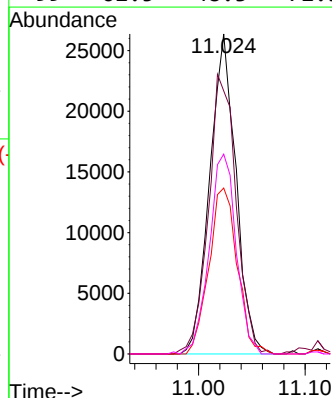
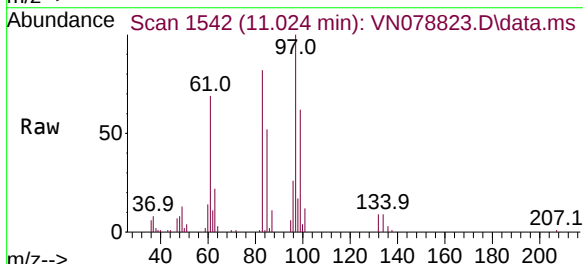
Ion Ratio Lower Upper

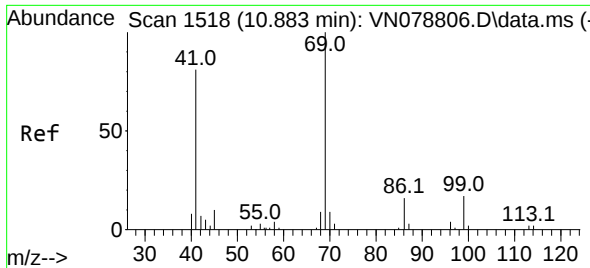
97 100

83 82.2 66.8 100.2

85 51.9 42.5 63.7

99 62.5 48.3 72.5

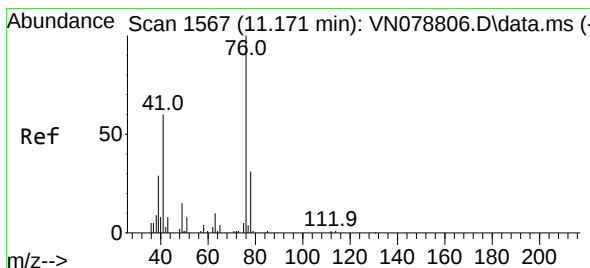
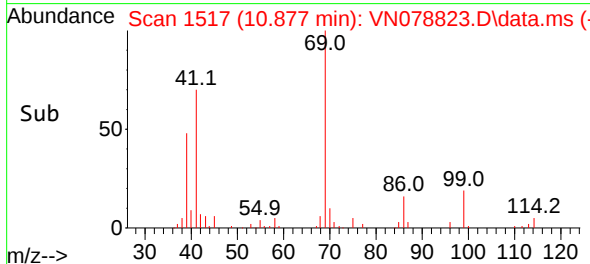
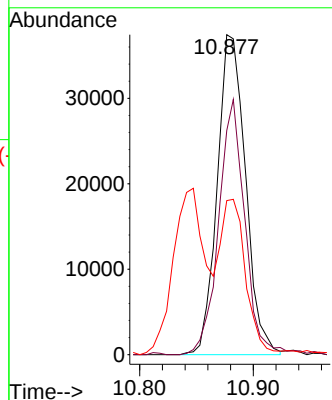
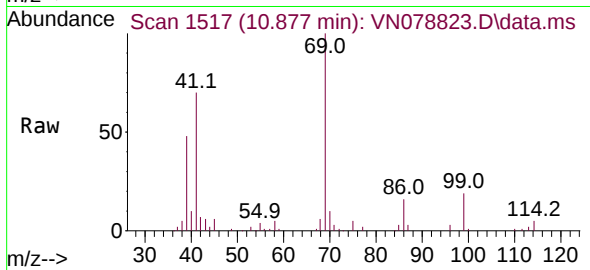




#51
Ethyl methacrylate
Concen: 20.663 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

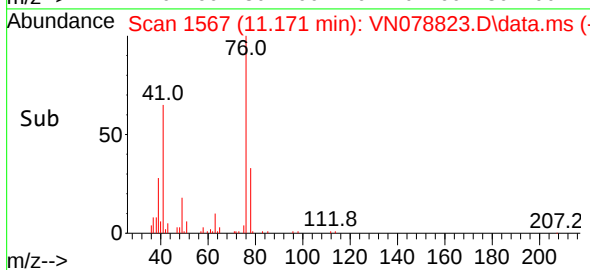
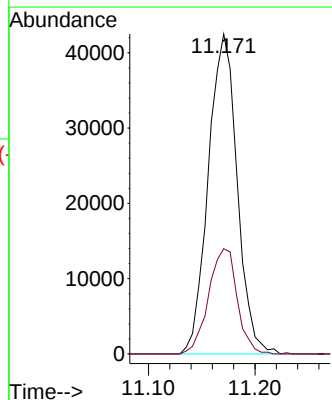
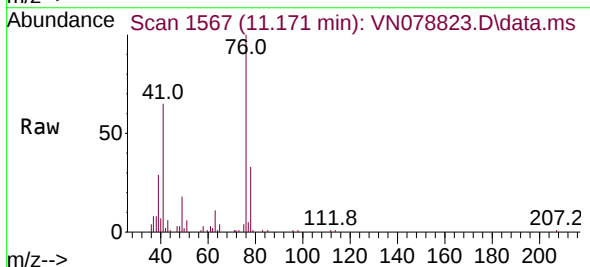
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

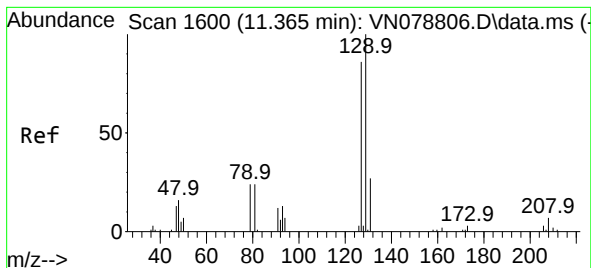
Tgt Ion: 69 Resp: 64796
Ion Ratio Lower Upper
69 100
41 70.0 26.0 78.0
39 47.1 16.3 48.9



#52
1,3-Dichloropropane
Concen: 20.806 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 76 Resp: 79926
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.2

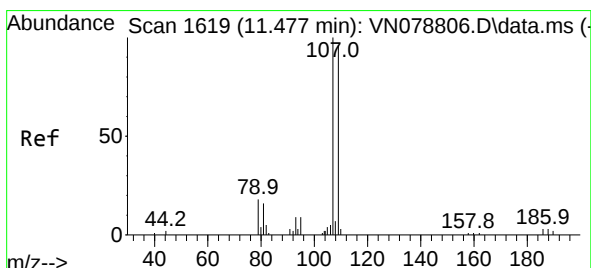
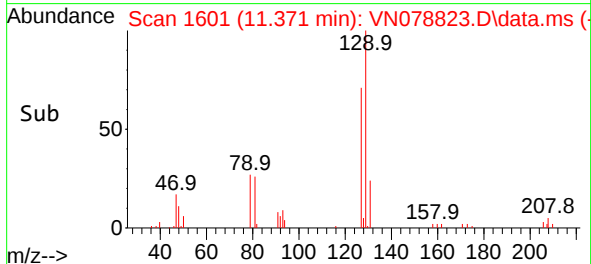
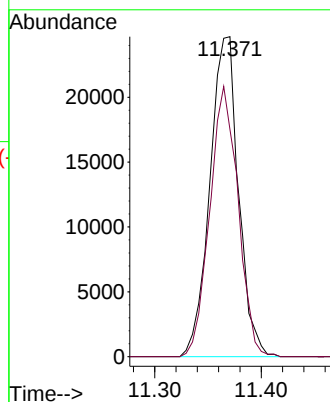
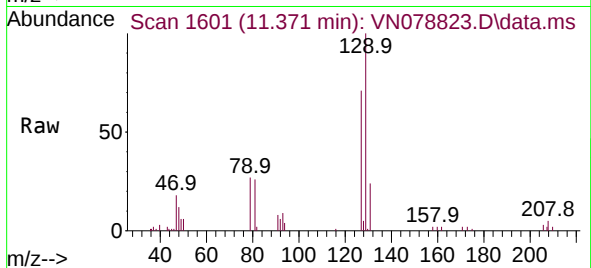




#53
Dibromochloromethane
Concen: 19.762 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

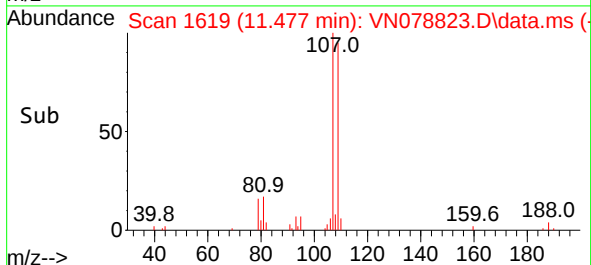
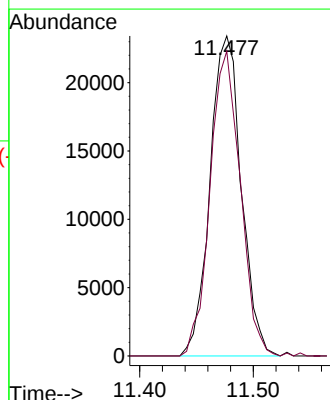
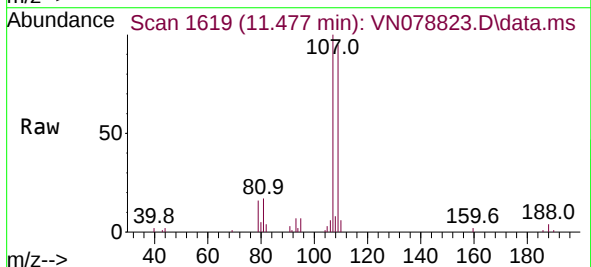
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

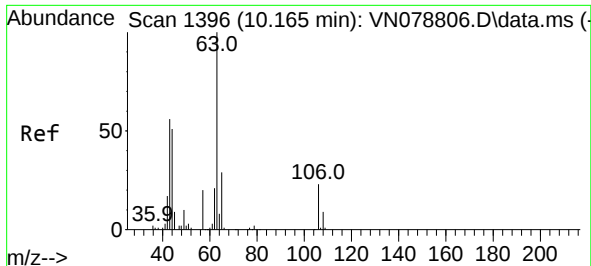
Tgt Ion:129 Resp: 46145
Ion Ratio Lower Upper
129 100
127 83.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.508 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:107 Resp: 44824
Ion Ratio Lower Upper
107 100
109 92.1 74.6 112.0

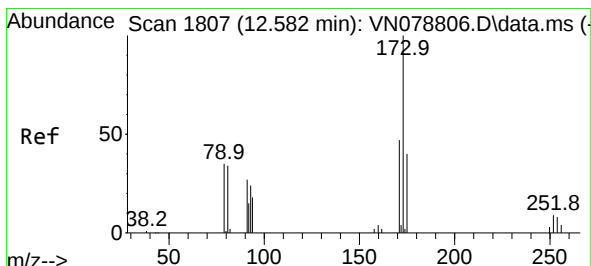
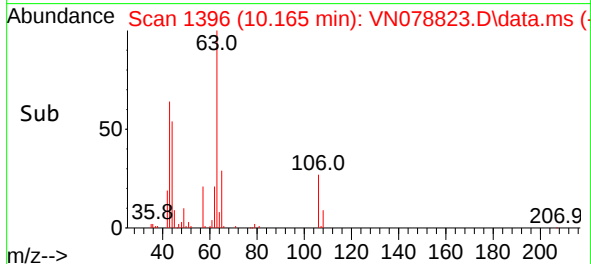
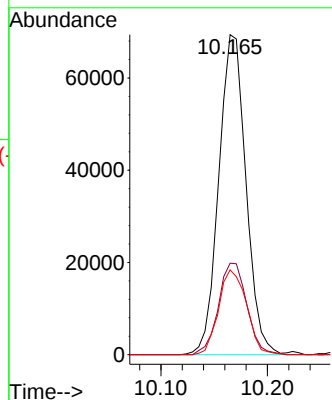
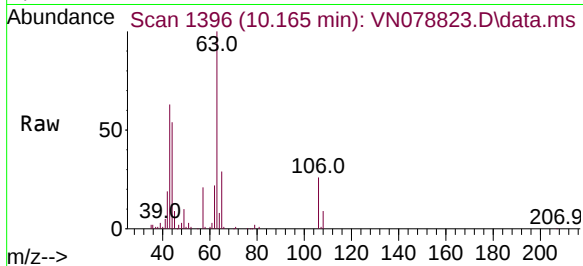




#55
2-Chloroethyl vinyl ether
Concen: 106.328 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

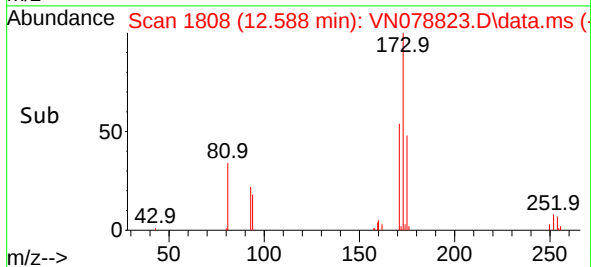
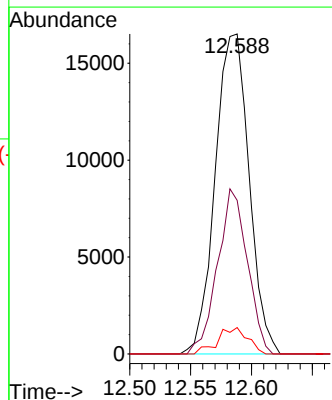
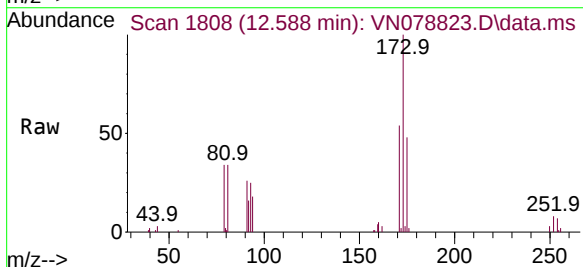
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

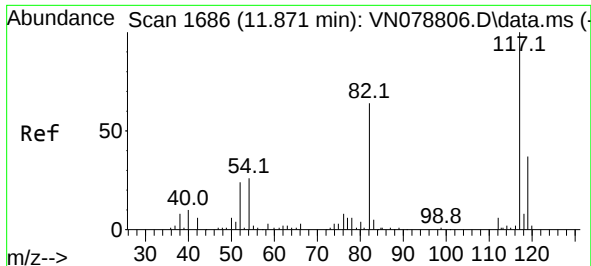
Tgt Ion: 63 Resp: 122967
Ion Ratio Lower Upper
63 100
65 29.9 26.3 39.5
106 27.2 23.8 35.6



#56
Bromoform
Concen: 21.876 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 173 Resp: 31977
Ion Ratio Lower Upper
173 100
175 45.4 40.7 61.1
254 6.1 6.5 9.7#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

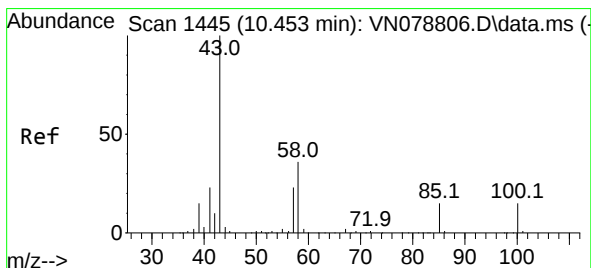
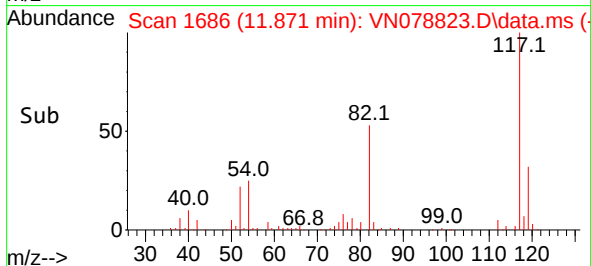
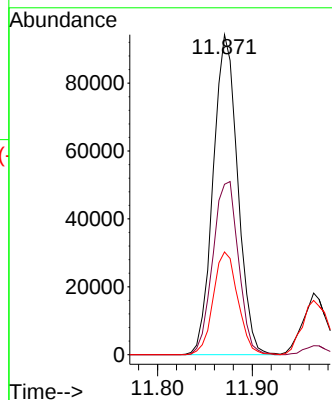
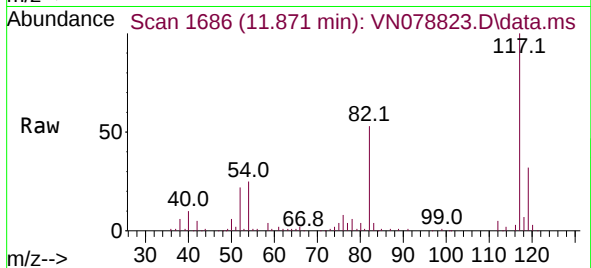
Tgt Ion:117 Resp: 169898

Ion Ratio Lower Upper

117 100

82 56.6 43.9 65.9

119 32.2 26.2 39.4



#58

4-Methyl-2-Pentanone

Concen: 102.002 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

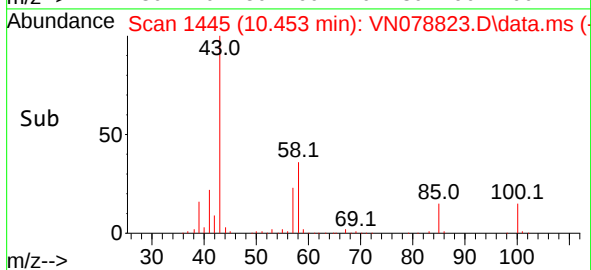
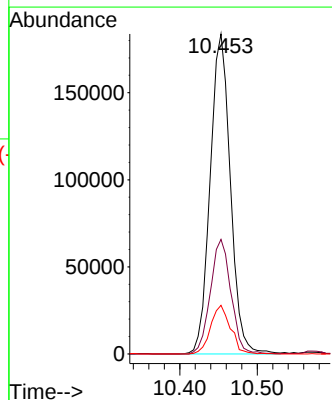
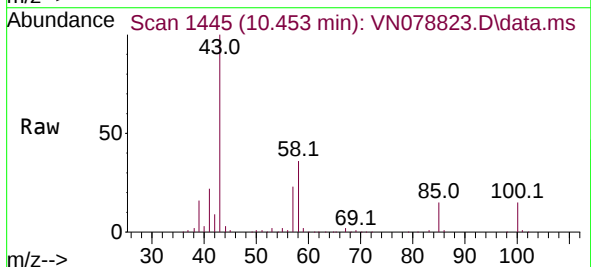
Tgt Ion: 43 Resp: 333101

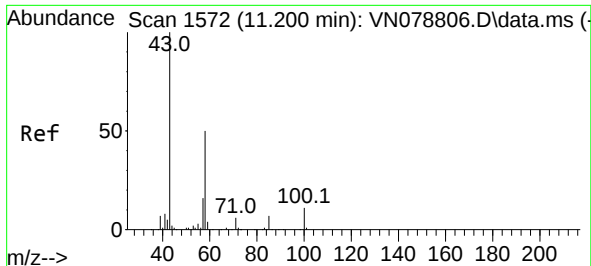
Ion Ratio Lower Upper

43 100

58 36.4 32.6 48.8

85 14.9 16.2 24.2#

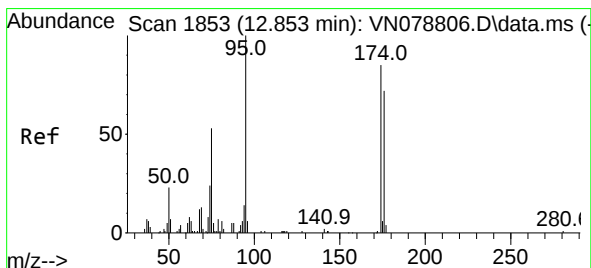
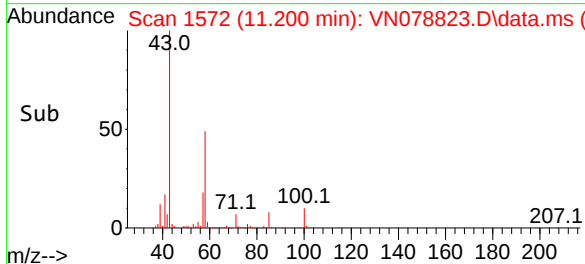
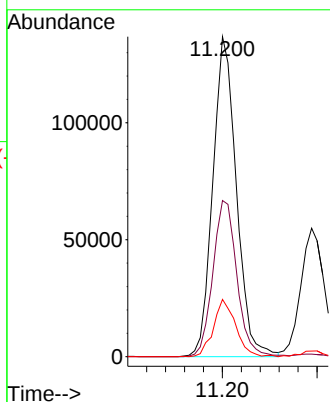
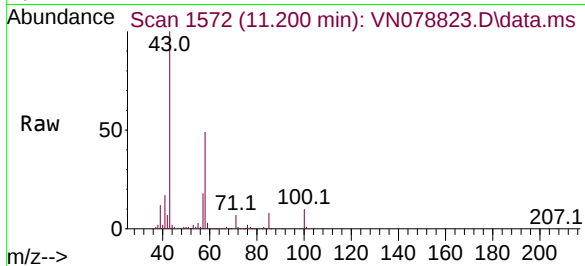




#59
2-Hexanone
Concen: 104.373 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

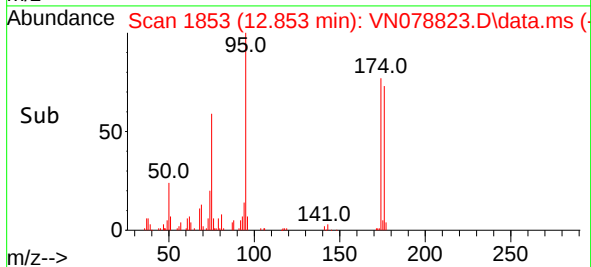
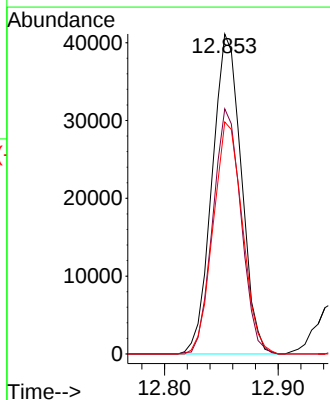
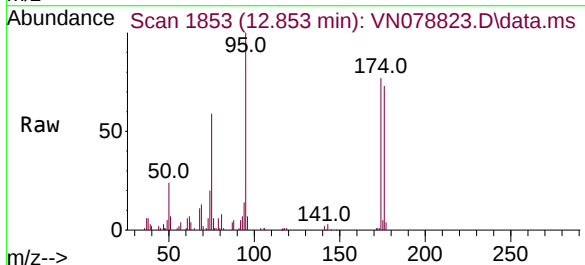
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

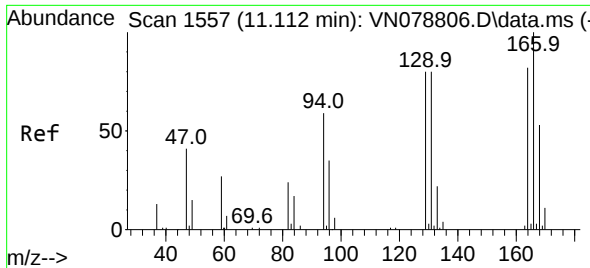
Tgt Ion: 43 Resp: 236855
Ion Ratio Lower Upper
43 100
58 49.7 45.9 68.9
57 16.8 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.723 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 95 Resp: 73268
Ion Ratio Lower Upper
95 100
174 73.9 61.7 92.5
176 72.8 58.1 87.1

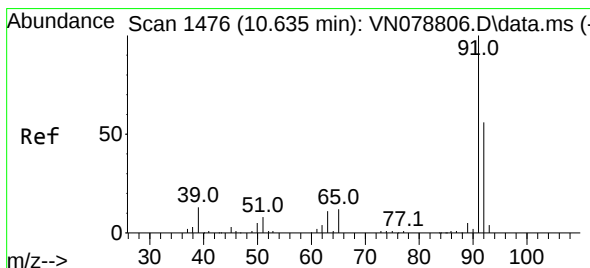
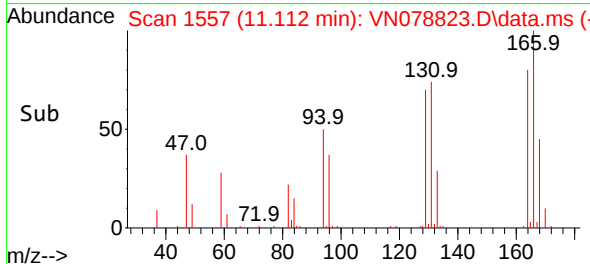
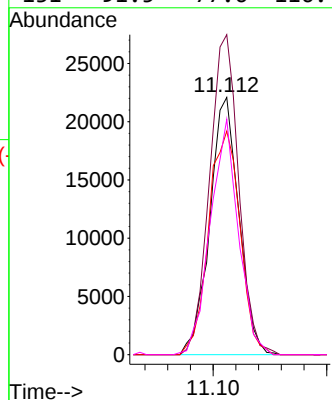
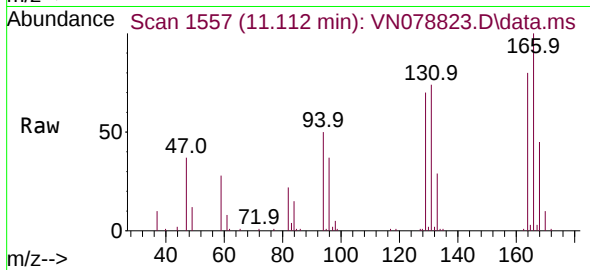




#61
Tetrachloroethene
Concen: 20.239 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

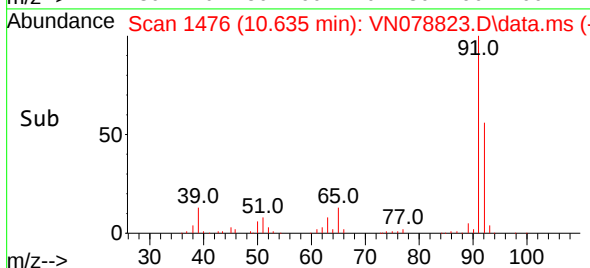
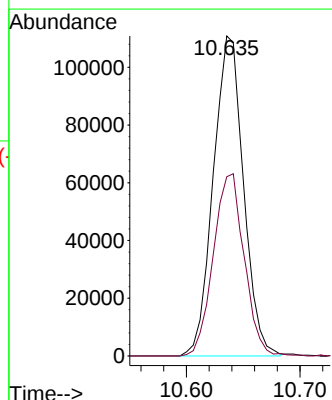
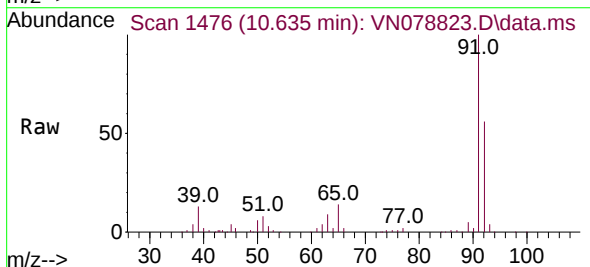
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

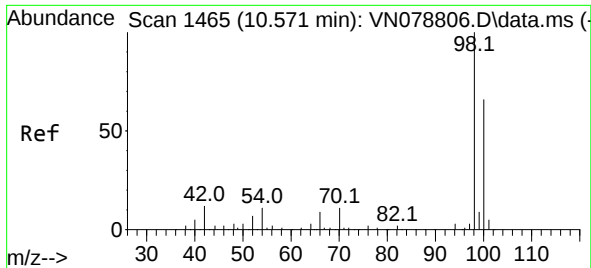
Tgt Ion:164 Resp: 39340
Ion Ratio Lower Upper
164 100
166 124.4 99.1 148.7
129 86.9 85.6 128.4
131 91.5 77.6 116.4



#62
Toluene
Concen: 20.471 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 91 Resp: 204766
Ion Ratio Lower Upper
91 100
92 58.1 45.2 67.8

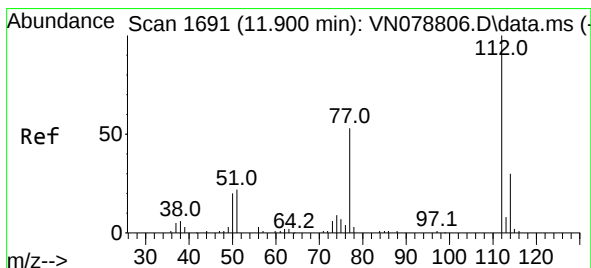
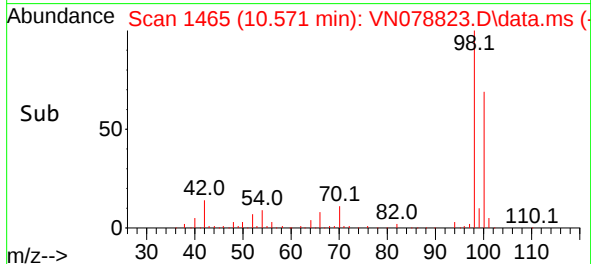
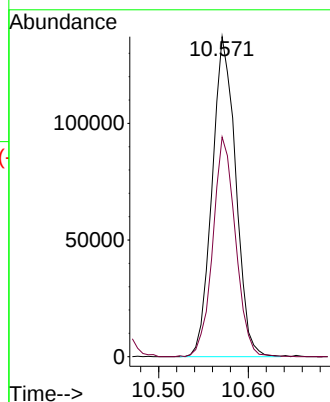
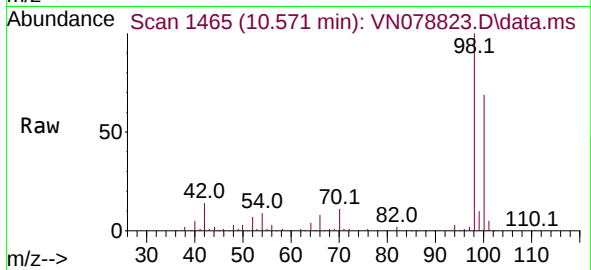




#63
Toluene-d8
Concen: 30.020 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

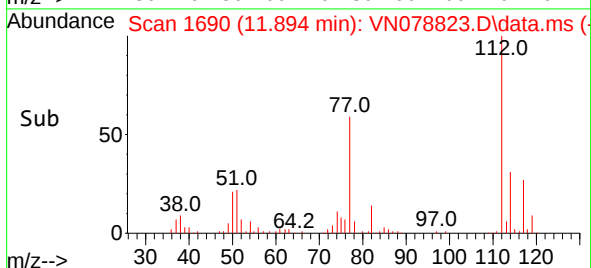
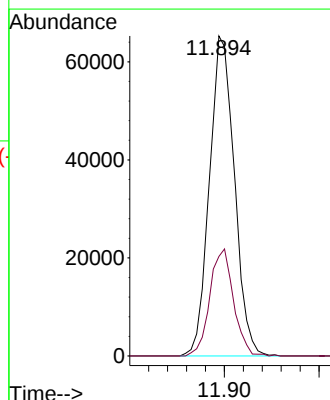
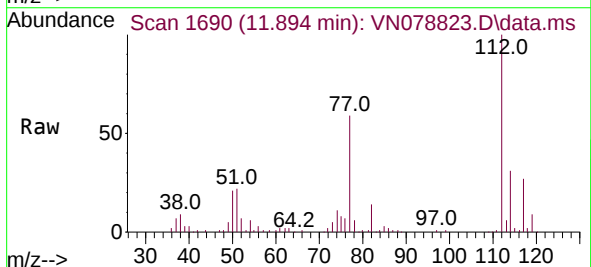
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

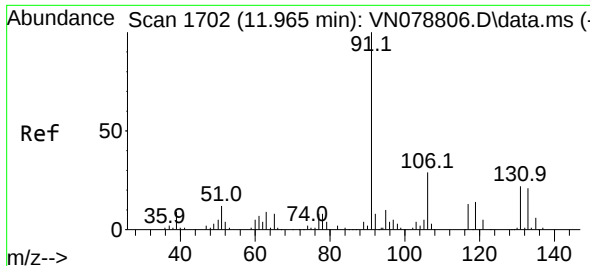
Tgt Ion: 98 Resp: 249934
Ion Ratio Lower Upper
98 100
100 65.9 49.7 74.5



#64
Chlorobenzene
Concen: 20.410 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 112 Resp: 119517
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

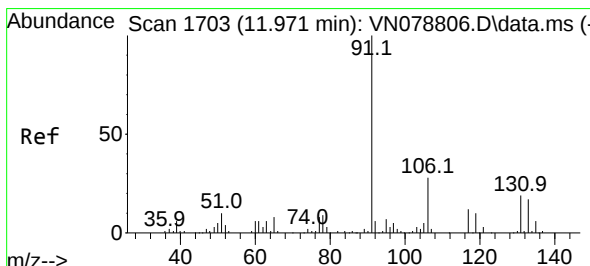
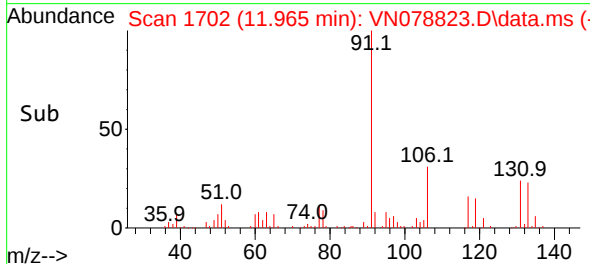
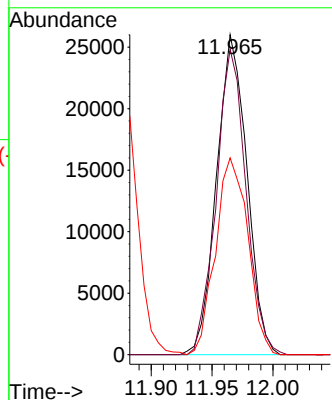
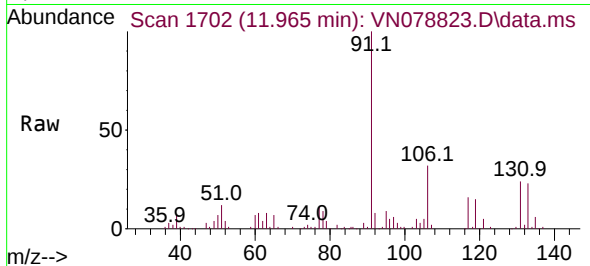




#65
1,1,1,2-Tetrachloroethane
Concen: 19.983 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

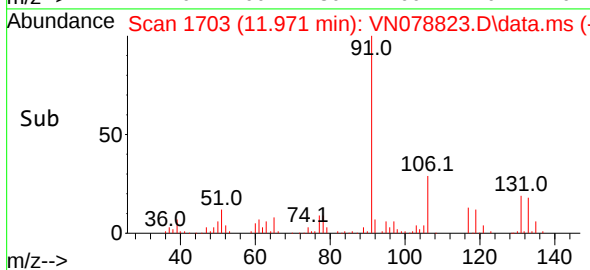
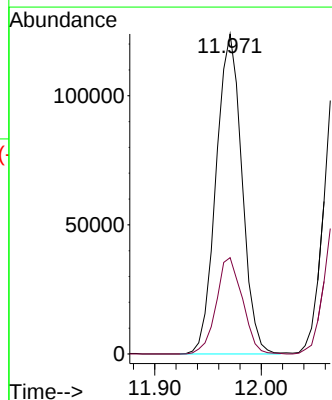
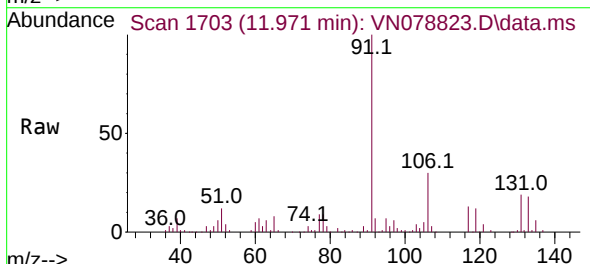
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

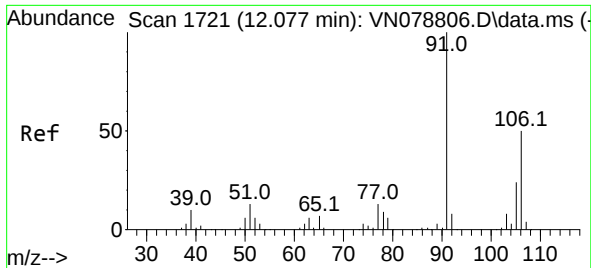
Tgt Ion:131 Resp: 45082
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.8
119 65.7 0.0 132.0



#66
Ethyl Benzene
Concen: 20.087 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 91 Resp: 208665
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

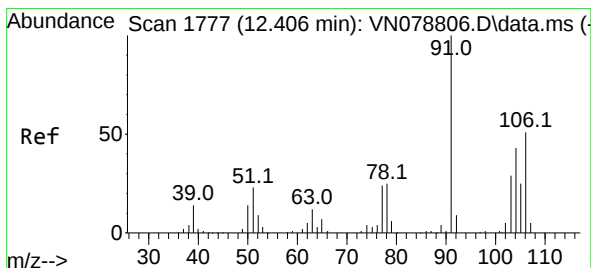
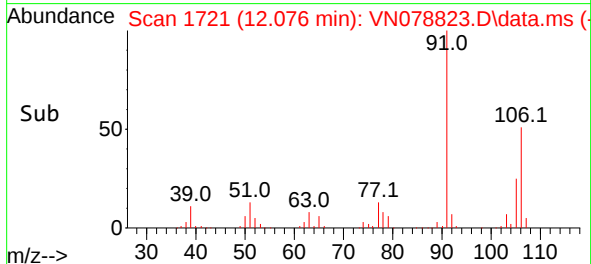
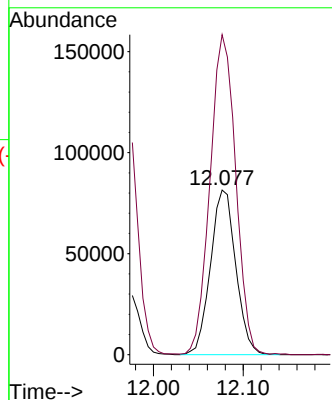
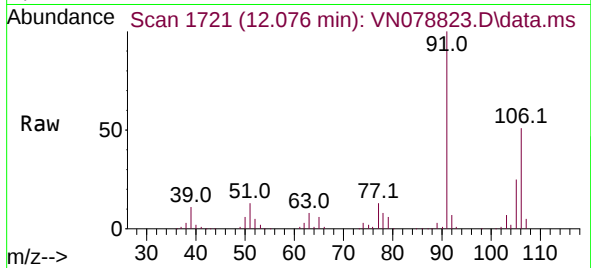




#67
m/p-Xylenes
Concen: 41.928 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

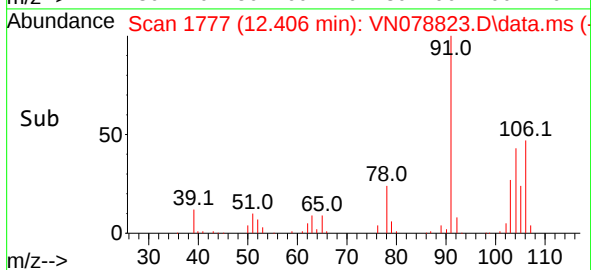
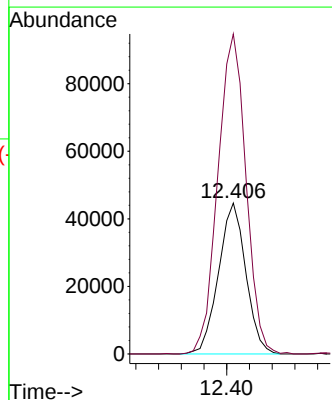
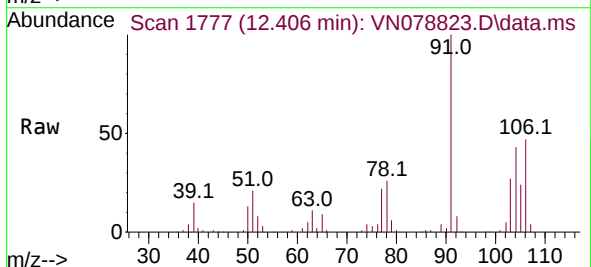
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

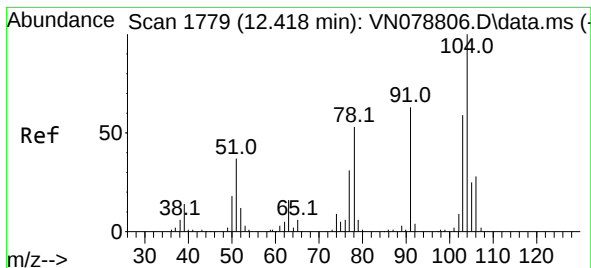
Tgt Ion:106 Resp: 159705
Ion Ratio Lower Upper
106 100
91 197.3 162.5 243.7



#68
o-Xylene
Concen: 19.678 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:106 Resp: 74606
Ion Ratio Lower Upper
106 100
91 217.9 106.1 318.3





#69

Styrene

Concen: 20.475 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

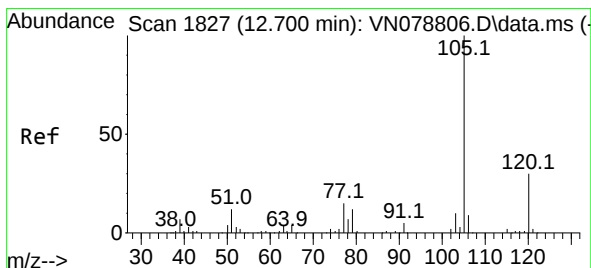
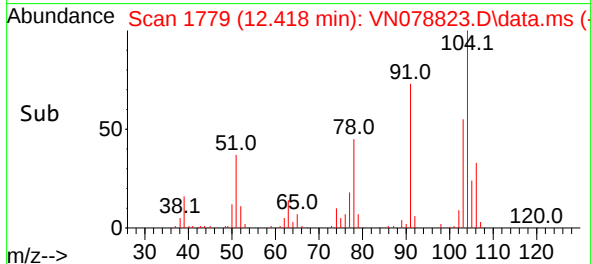
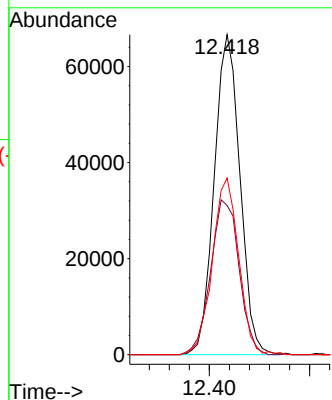
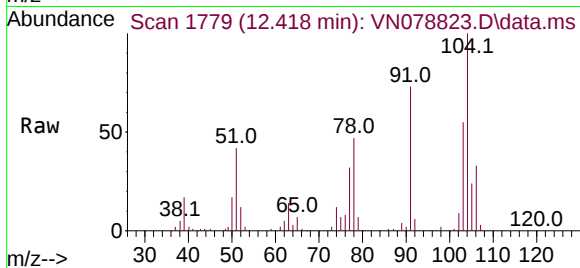
Tgt Ion:104 Resp: 118616

Ion Ratio Lower Upper

104 100

78 53.5 40.1 60.1

103 56.3 45.1 67.7



#70

Isopropylbenzene

Concen: 20.680 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078823.D

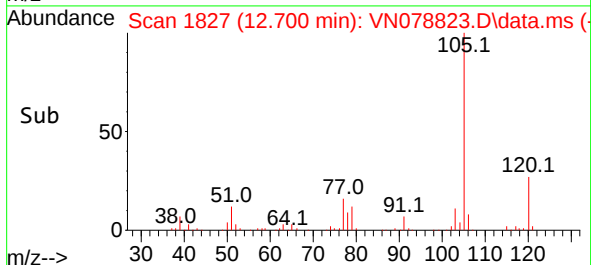
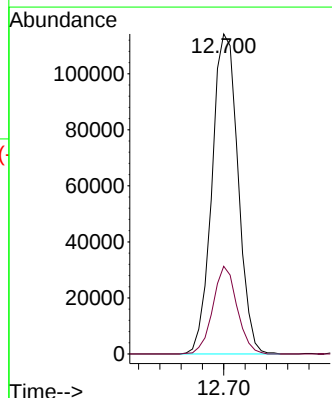
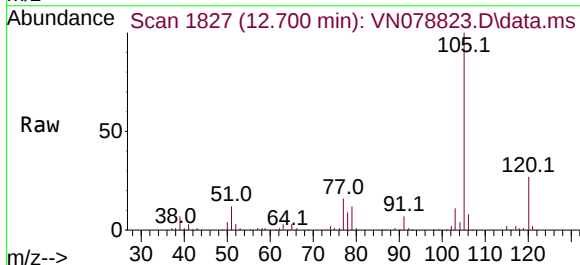
Acq: 09 Aug 2023 16:48

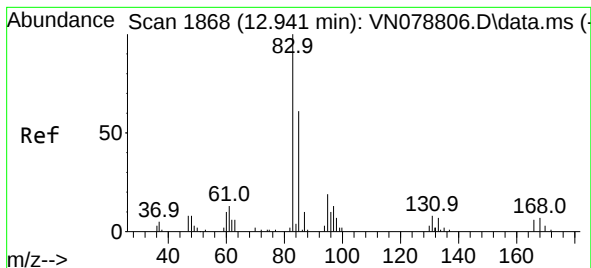
Tgt Ion:105 Resp: 193664

Ion Ratio Lower Upper

105 100

120 25.5 18.3 34.1

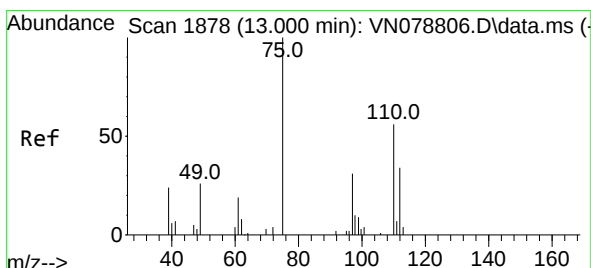
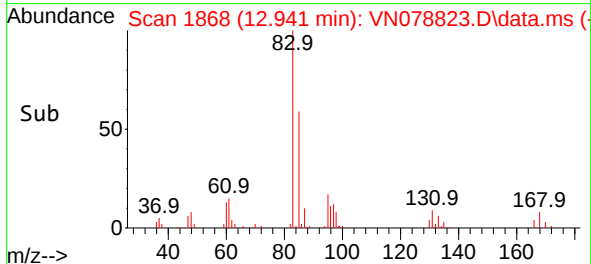
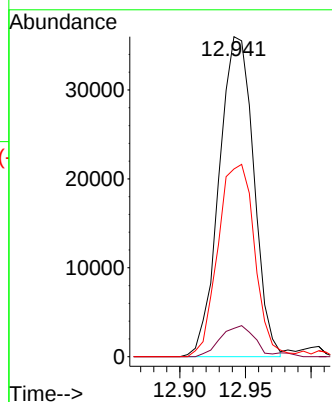
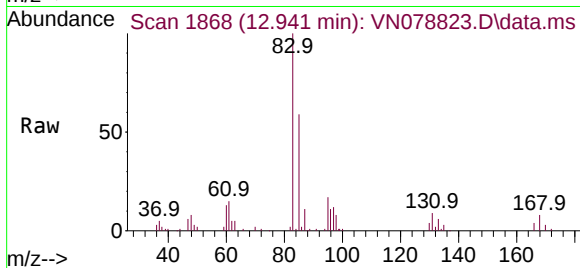




#71
1,1,2,2-Tetrachloroethane
Concen: 20.829 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

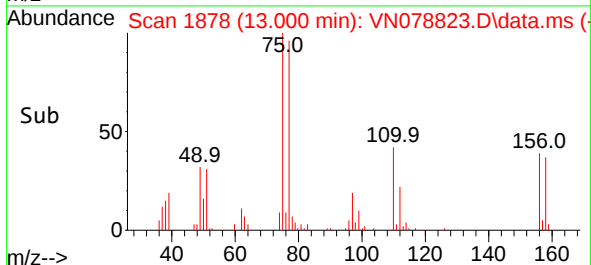
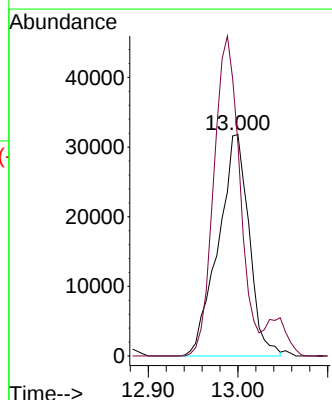
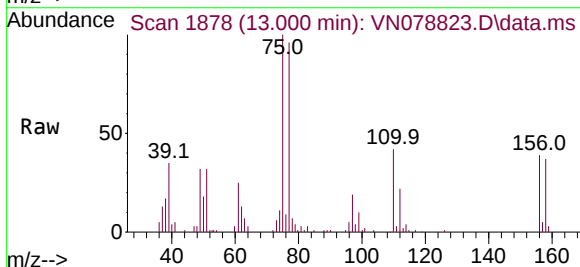
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

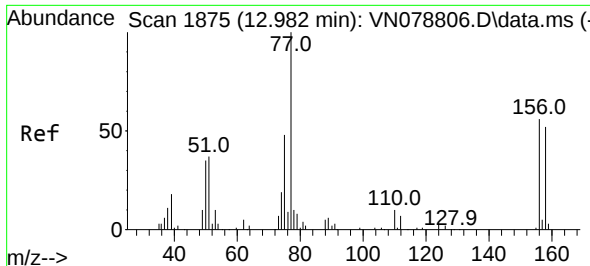
Tgt Ion: 83 Resp: 66100
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 63.7 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 27.353 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 75 Resp: 75771
Ion Ratio Lower Upper
75 100
77 121.9 0.0 387.4

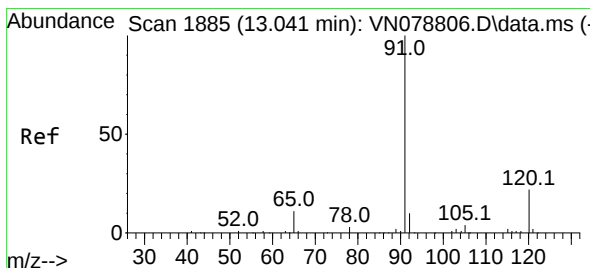
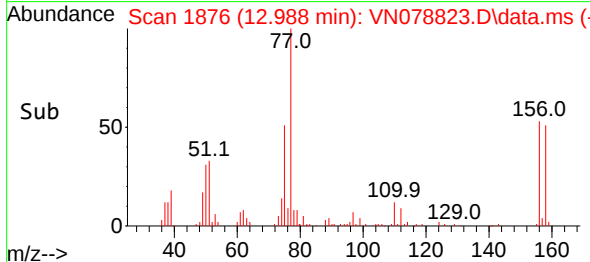
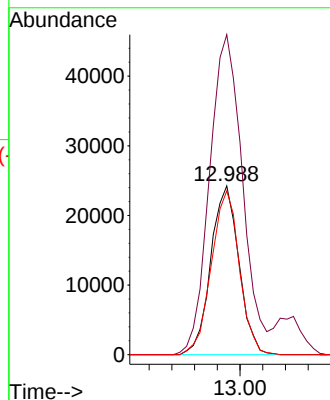
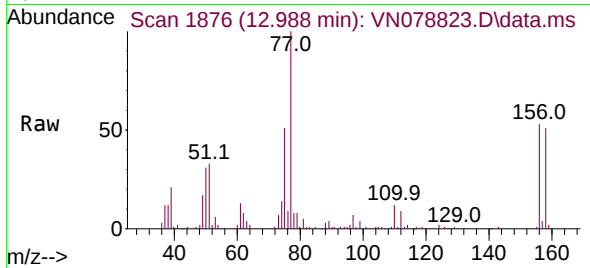




#73
Bromobenzene
Concen: 18.591 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

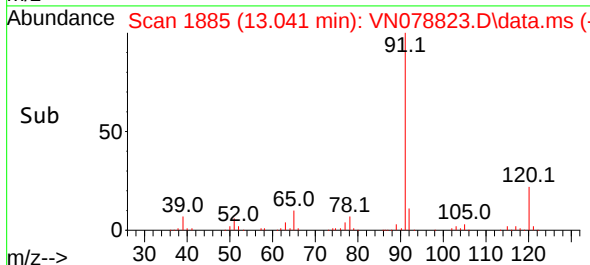
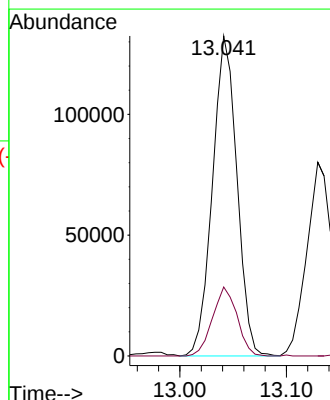
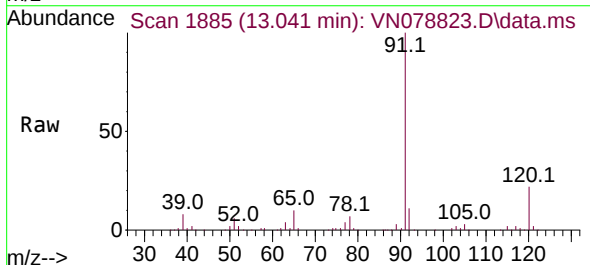
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

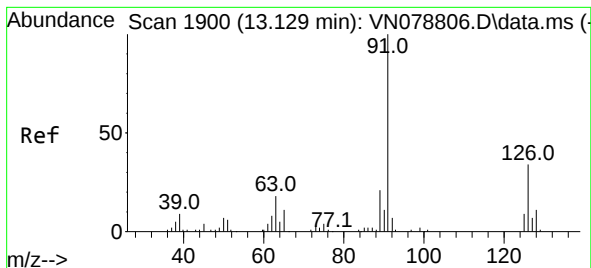
Tgt Ion:156 Resp: 41611
Ion Ratio Lower Upper
156 100
77 222.1 0.0 420.8
158 96.9 0.0 193.2



#74
n-propylbenzene
Concen: 20.366 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 91 Resp: 211053
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.6

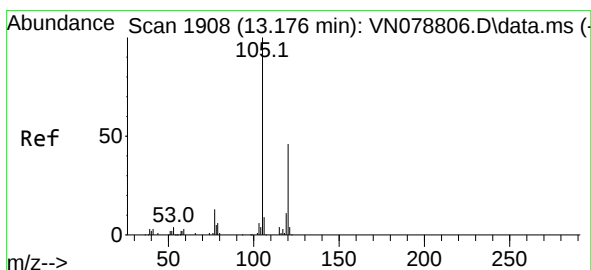
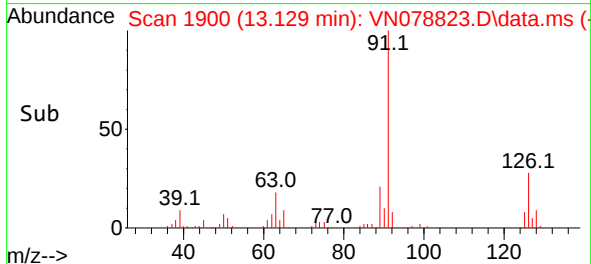
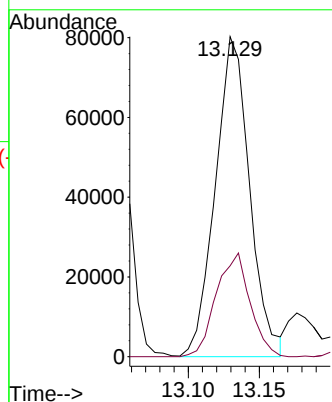
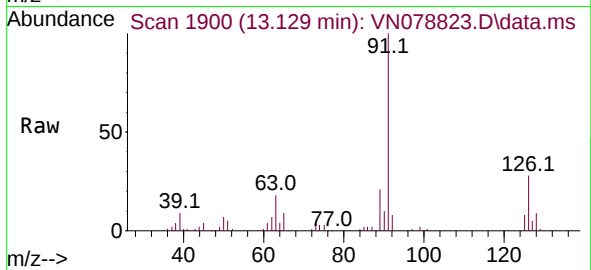




#75
2-Chlorotoluene
Concen: 20.891 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

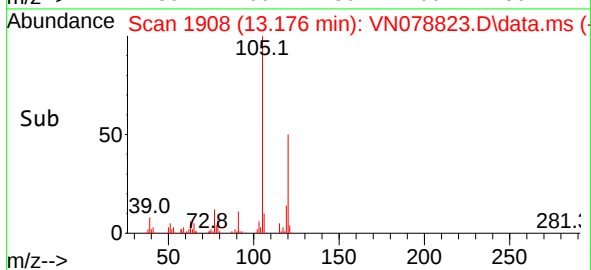
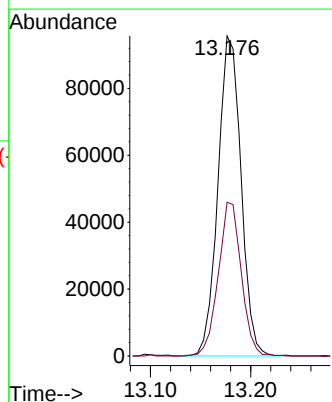
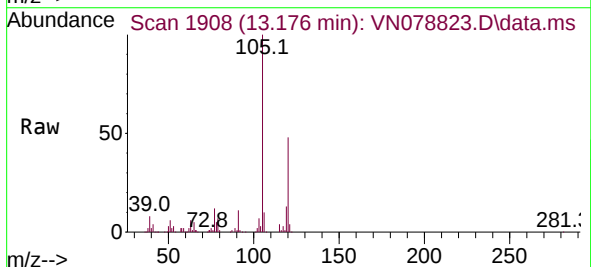
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

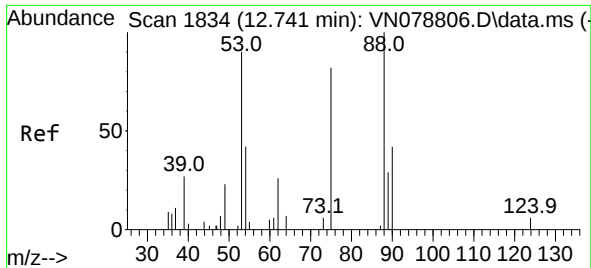
Tgt Ion: 91 Resp: 134863
Ion Ratio Lower Upper
91 100
126 31.9 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 20.521 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:105 Resp: 152635
Ion Ratio Lower Upper
105 100
120 47.7 0.0 97.2

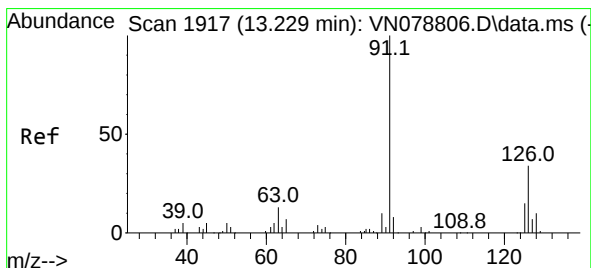
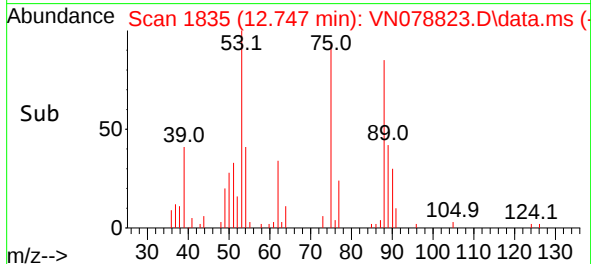
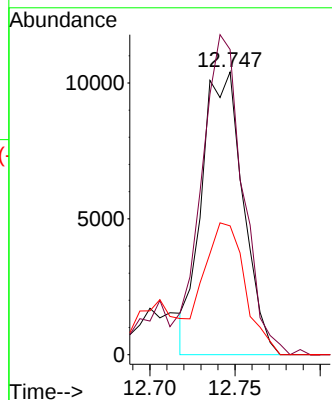
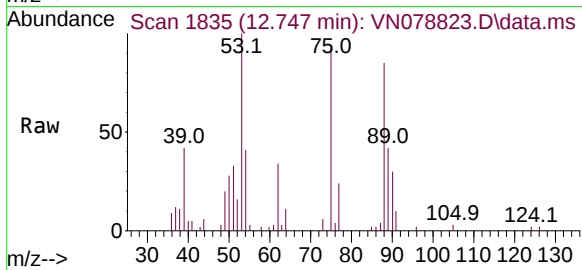




#77
t-1,4-Dichloro-2-butene
Concen: 20.221 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

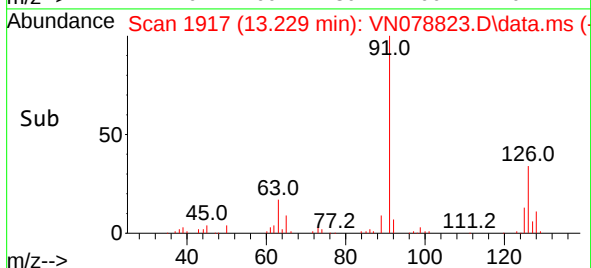
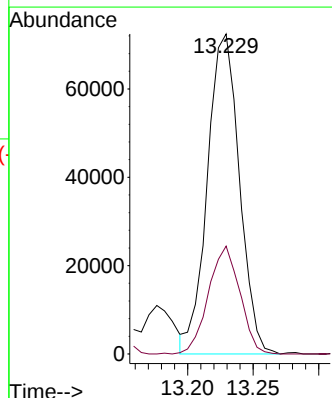
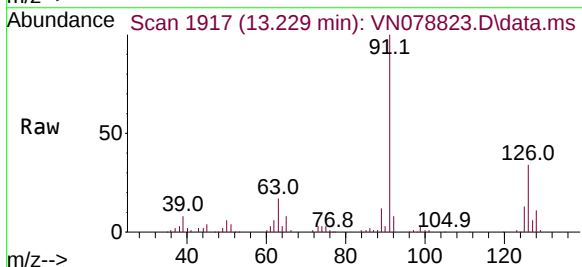
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

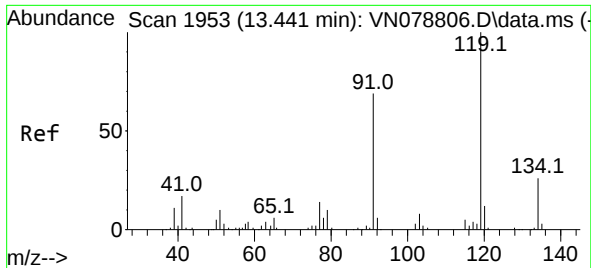
Tgt Ion: 75 Resp: 17582
Ion Ratio Lower Upper
75 100
53 104.3 41.6 124.9
89 45.6 25.1 75.4



#78
4-Chlorotoluene
Concen: 20.542 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 91 Resp: 123025
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.8

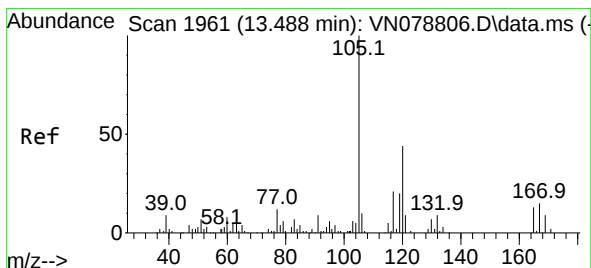
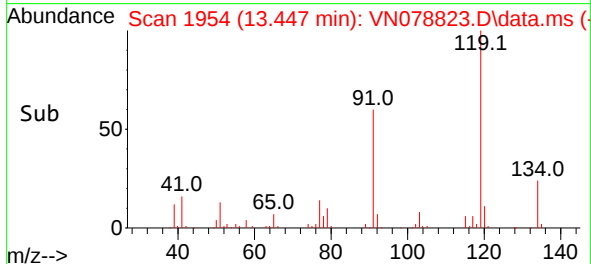
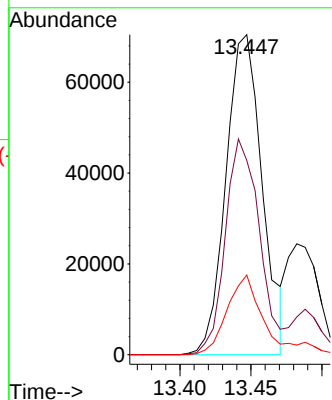
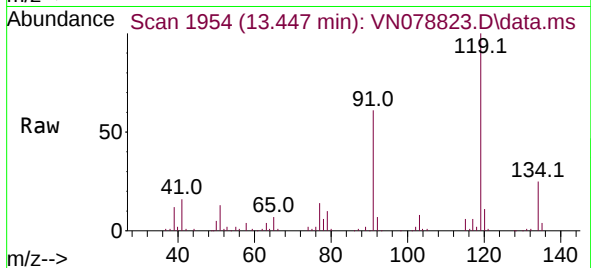




#79
tert-butylbenzene
Concen: 20.573 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

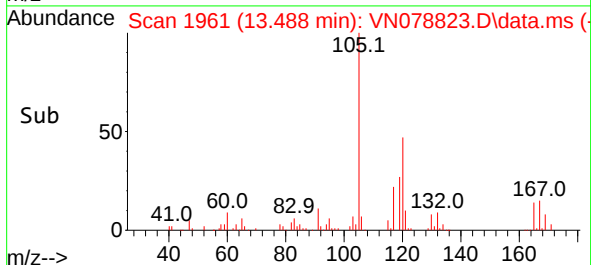
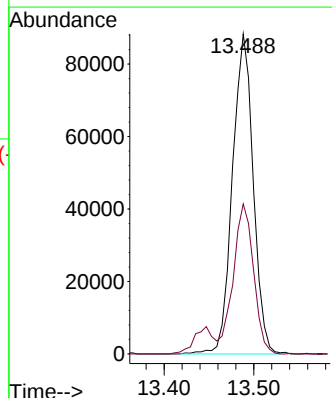
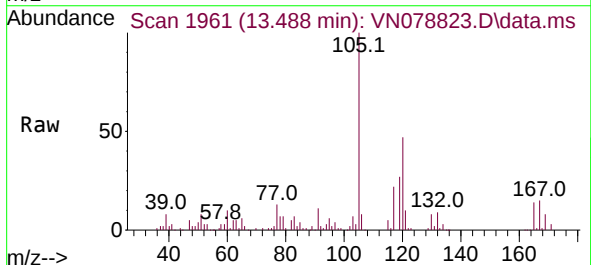
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

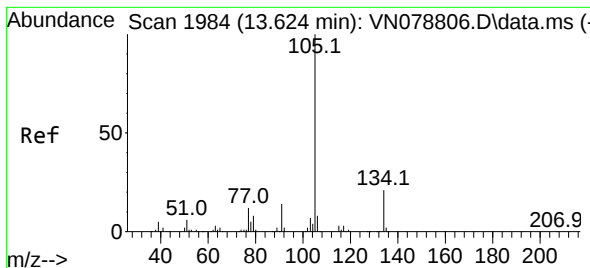
Tgt Ion:119 Resp: 125552
Ion Ratio Lower Upper
119 100
91 63.3 0.0 126.6
134 24.1 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 20.203 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:105 Resp: 141800
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.2

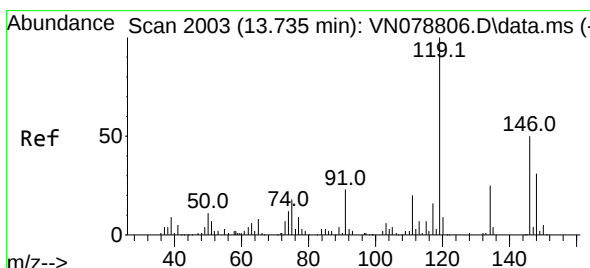
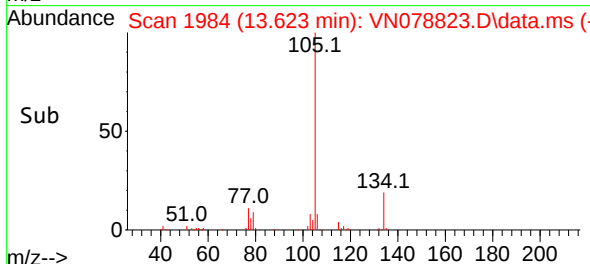
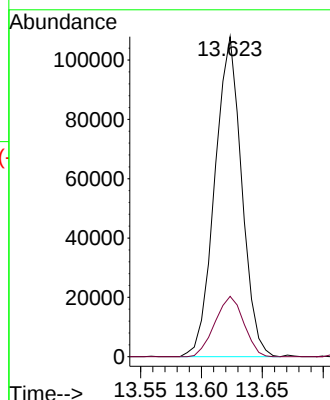
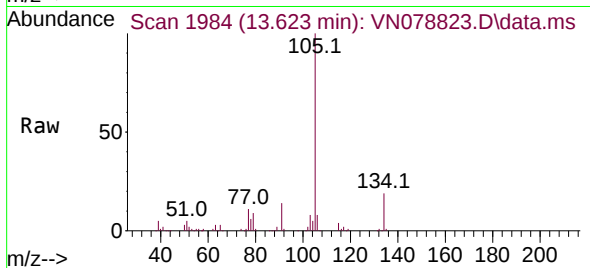




#81
 sec-Butylbenzene
 Concen: 20.303 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078823.D
 Acq: 09 Aug 2023 16:48

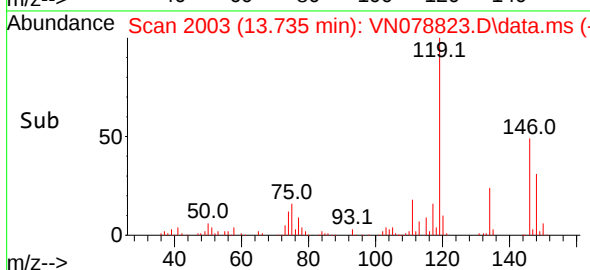
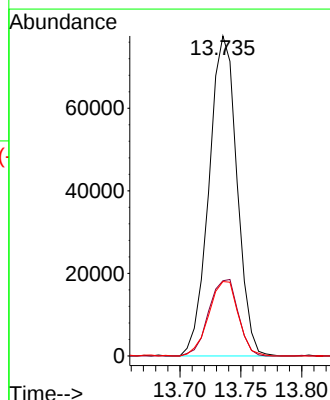
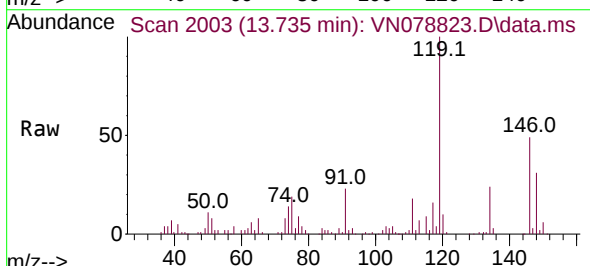
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

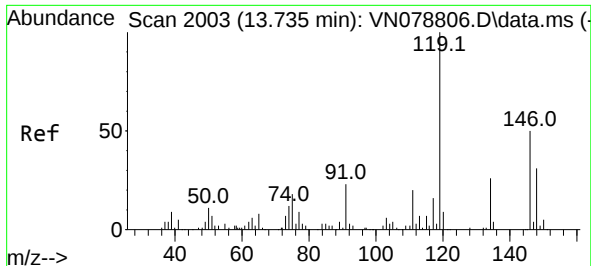
Tgt Ion:105 Resp: 165881
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.350 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078823.D
 Acq: 09 Aug 2023 16:48

Tgt Ion:119 Resp: 123835
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.4
 91 24.6 0.0 48.2

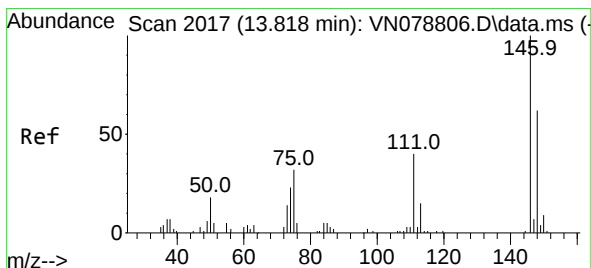
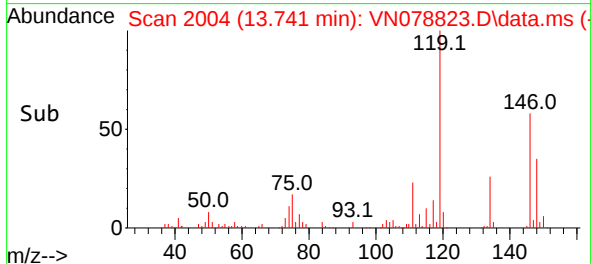
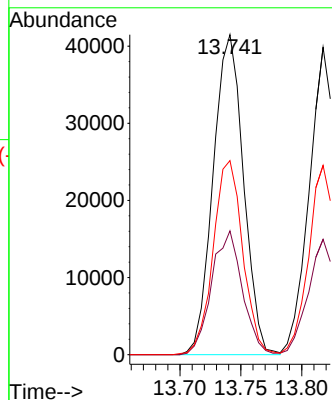
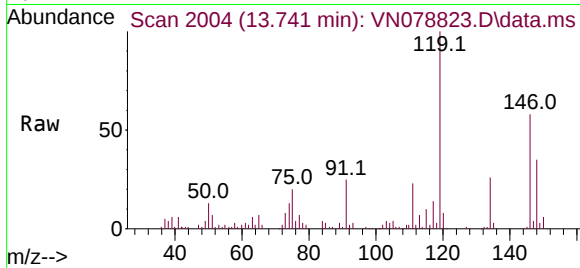




#83
1,3-Dichlorobenzene
Concen: 20.808 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

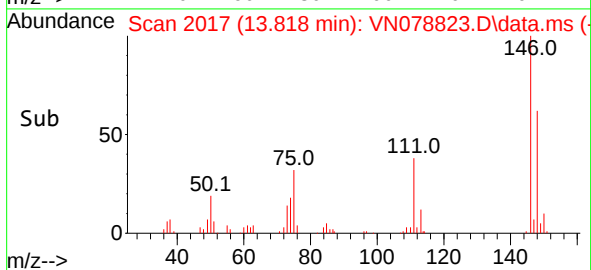
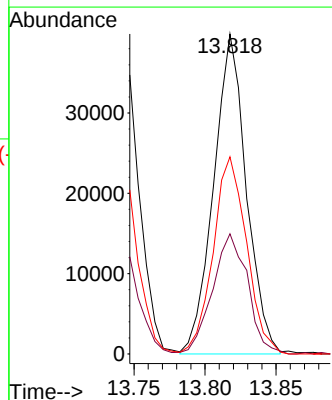
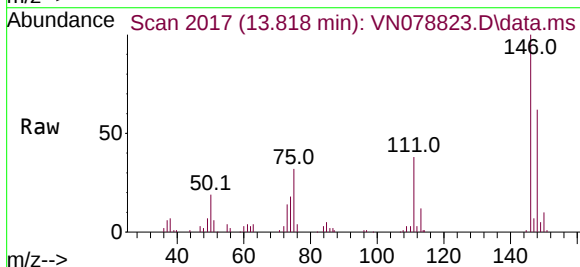
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

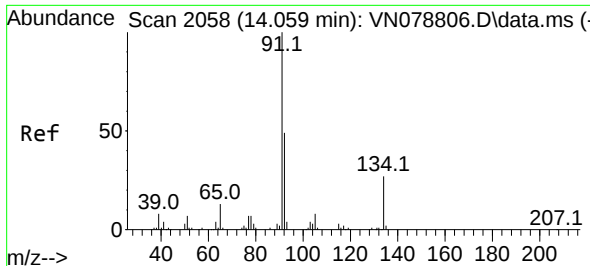
Tgt Ion:146 Resp: 71976
Ion Ratio Lower Upper
146 100
111 39.0 21.6 64.6
148 59.2 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 19.310 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:146 Resp: 63786
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 63.0 31.4 94.3

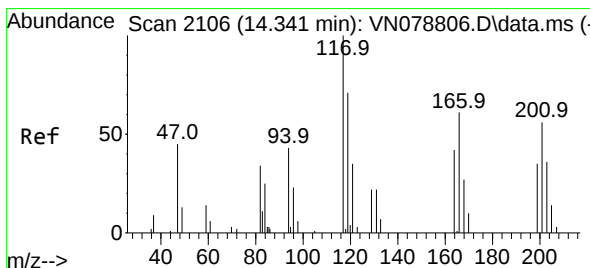
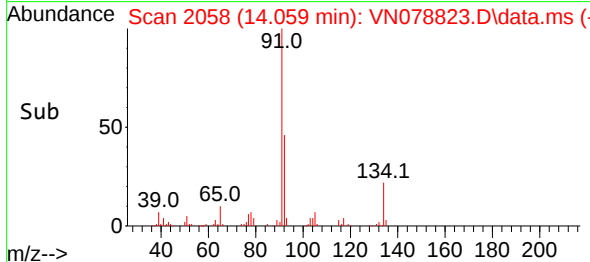
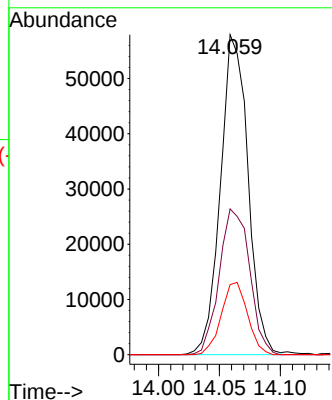
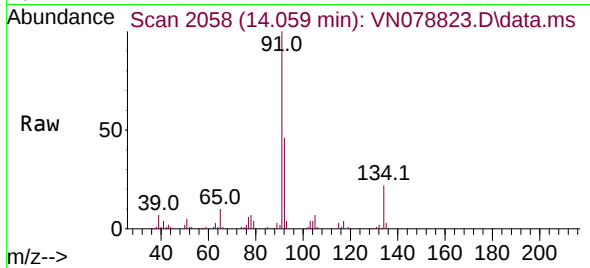




#85
n-Butylbenzene
Concen: 19.347 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

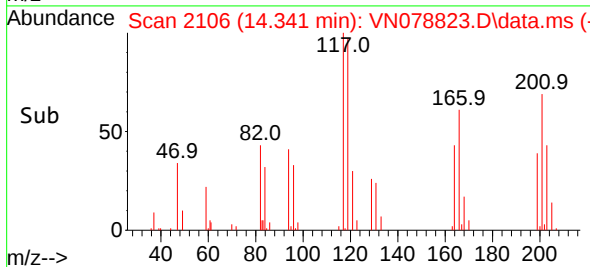
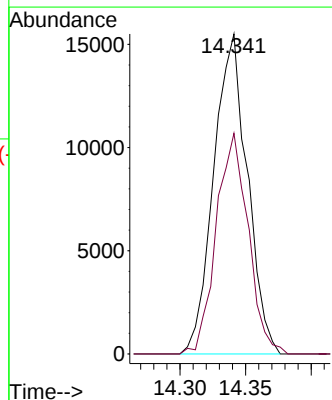
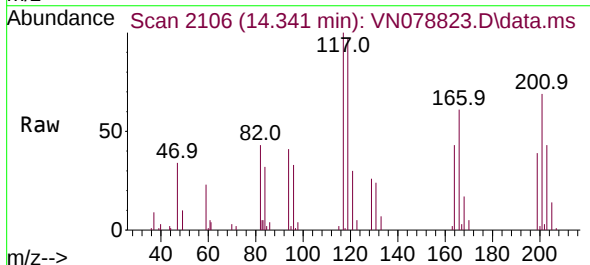
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

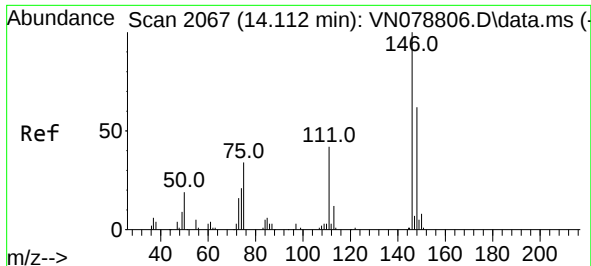
Tgt Ion: 91 Resp: 91111
Ion Ratio Lower Upper
91 100
92 50.2 0.0 99.6
134 21.6 0.0 50.0



#86
Hexachloroethane
Concen: 20.498 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion: 117 Resp: 27632
Ion Ratio Lower Upper
117 100
201 64.8 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.955 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

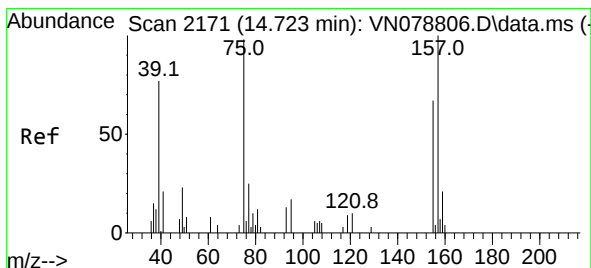
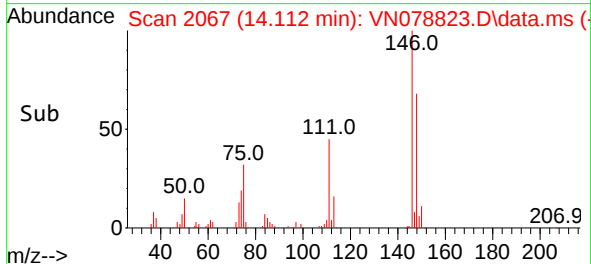
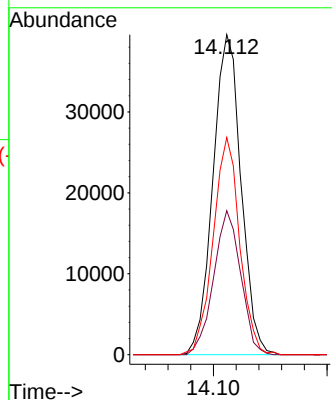
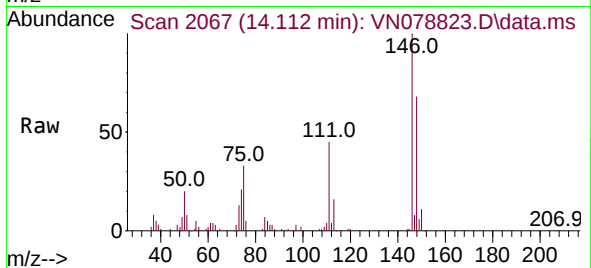
Tgt Ion:146 Resp: 67908

Ion Ratio Lower Upper

146 100

111 43.3 22.4 67.3

148 64.1 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.954 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

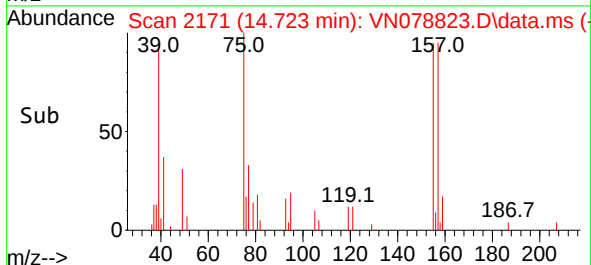
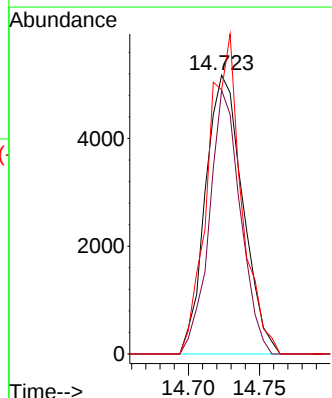
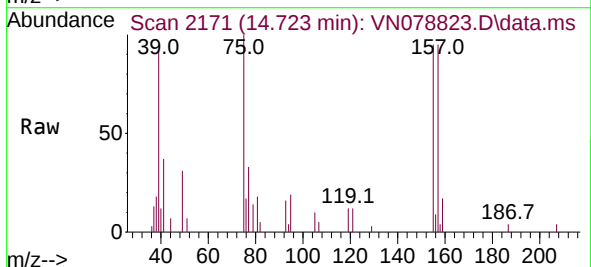
Tgt Ion: 75 Resp: 9445

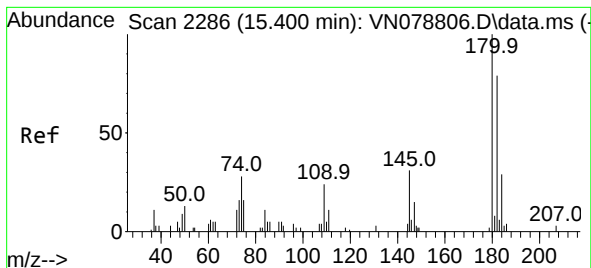
Ion Ratio Lower Upper

75 100

155 78.8 68.2 102.2

157 102.4 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 15.267 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

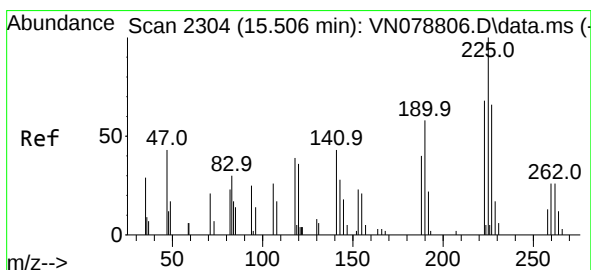
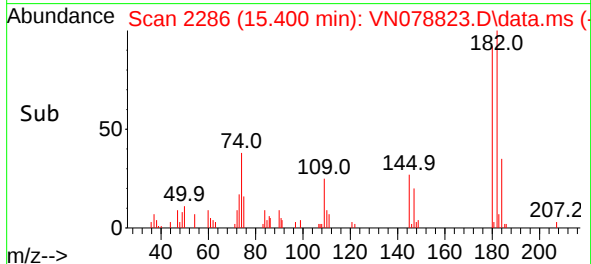
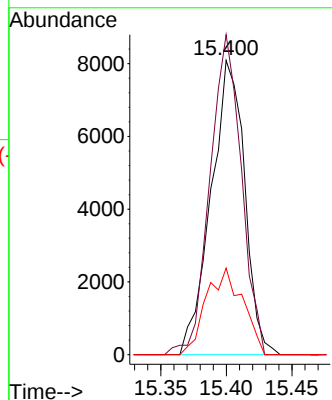
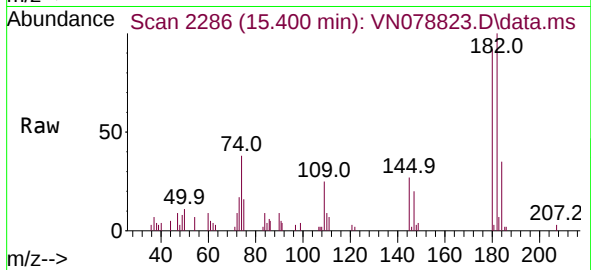
Tgt Ion:180 Resp: 14380

Ion Ratio Lower Upper

180 100

182 99.9 73.7 110.5

145 32.1 25.0 37.6



#90

Hexachlorobutadiene

Concen: 18.230 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN078823.D

Acq: 09 Aug 2023 16:48

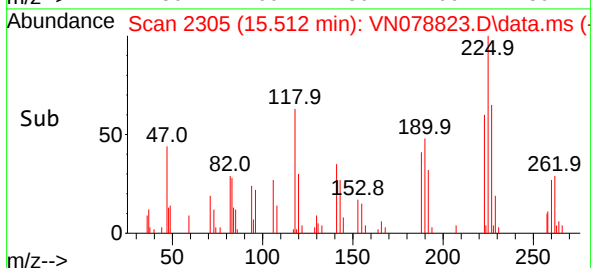
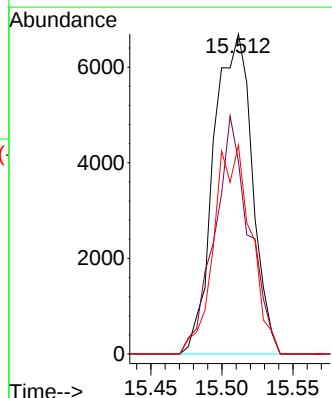
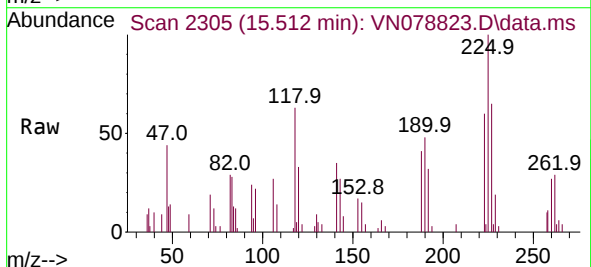
Tgt Ion:225 Resp: 12642

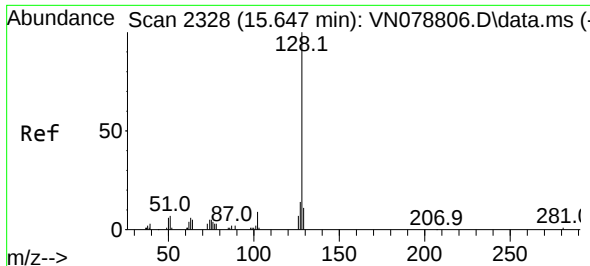
Ion Ratio Lower Upper

225 100

223 66.4 0.0 130.0

227 62.6 0.0 124.0

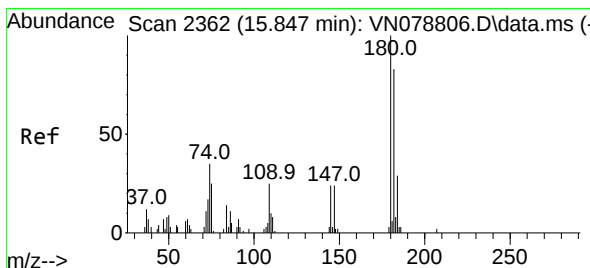
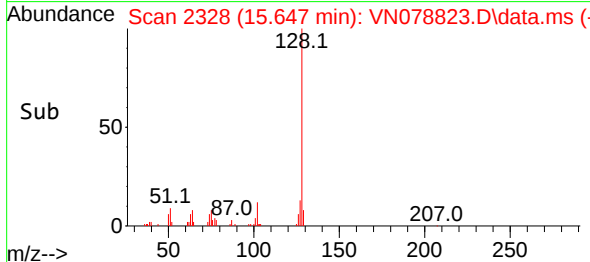
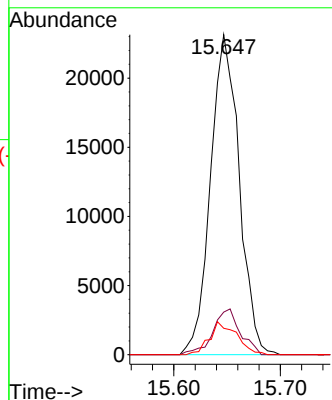
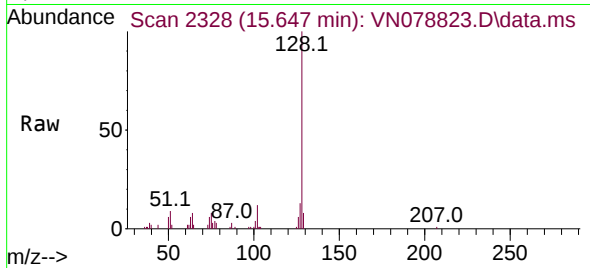




#91
Naphthalene
Concen: 14.691 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 43273
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 9.7 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 16.122 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078823.D
Acq: 09 Aug 2023 16:48

Tgt Ion:180 Resp: 17811
Ion Ratio Lower Upper
180 100
182 98.9 0.0 196.4
145 25.1 0.0 71.0

