

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078720.D
 Acq On : 01 Aug 2023 16:36
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 02 02:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	106998	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	579190	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	494333	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	231376	28.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.667%
60) 4-Bromofluorobenzene	12.853	95	205343	28.832	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.100%
63) Toluene-d8	10.571	98	706428	28.856	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	31482	5.319	ug/l	95
3) Chloromethane	2.371	50	37219	5.061	ug/l	90
4) Vinyl Chloride	2.518	62	50967	5.303	ug/l	97
5) Bromomethane	2.959	94	43008	5.841	ug/l	98
6) Chloroethane	3.124	64	33710	5.338	ug/l	91
7) Trichlorofluoromethane	3.506	101	49188	4.926	ug/l	94
8) Diethyl Ether	3.971	74	10815	3.354	ug/l	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	24412	4.591	ug/l	70
10) 1,1-Dichloroethene	4.342	96	14048	2.753	ug/l	89
11) Methyl Iodide	4.600	142	32725	4.629	ug/l	97
12) Methyl Acetate	5.042	43	39495	5.238	ug/l	100
13) Acrolein	4.189	56	12949	14.549	ug/l #	52
14) Acrylonitrile	5.736	53	32302	14.790	ug/l #	44
15) Acetone	4.448	58	9892	15.155	ug/l	75
16) Carbon Disulfide	4.718	76	75933	5.208	ug/l	97
17) Allyl chloride	5.030	41	31206	4.390	ug/l	93
18) Methylene Chloride	5.295	84	32058	5.815	ug/l #	84
19) trans-1,2-Dichloroethene	5.800	96	29276	4.925	ug/l	90
20) Diisopropyl ether	6.683	45	66564	4.272	ug/l #	88
21) 1,1-Dichloroethane	6.577	63	49295	4.741	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	31390	4.755	ug/l	97
23) tert-Butyl Alcohol	5.536	59	15862	15.875	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	41260	2.399	ug/l #	59
25) Chloroform	7.977	83	51177	4.713	ug/l	98
26) Cyclohexane	8.265	56	33383	4.400	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	34001	4.754	ug/l	97
30) 2-Butanone	7.494	43	77419	27.488	ug/l	100
31) 2,2-Dichloropropane	7.489	77	20895	2.556	ug/l #	54
32) 1,1,1-Trichloroethane	8.177	97	45053	4.928	ug/l	99
33) Carbon Tetrachloride	8.365	117	38270	4.750	ug/l	100
34) Benzene	8.612	78	109545	5.081	ug/l #	89
35) Methacrylonitrile	7.788	41	15273	4.873	ug/l	73
36) 1,2-Dichloroethane	8.677	62	38553	5.068	ug/l	99
37) Trichloroethene	9.359	130	29245	4.924	ug/l	92
38) Methylcyclohexane	9.606	83	35012	4.931	ug/l	96
39) 1,2-Dichloropropane	9.630	63	28467	5.031	ug/l	95
40) Dibromomethane	9.712	93	20948	5.221	ug/l	91
41) Bromodichloromethane	9.900	83	41586	5.179	ug/l #	83
42) Vinyl Acetate	6.618	43	206970	21.940	ug/l	100

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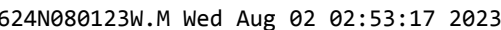
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 ClientSampleId :
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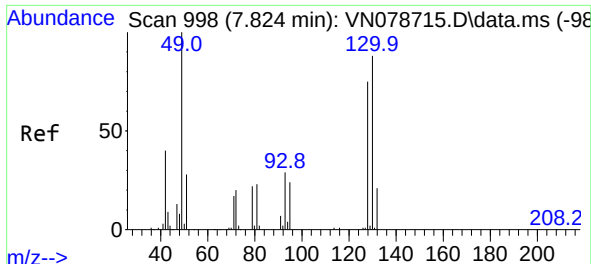
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	20631	3.474	ug/l	98
44) Isopropyl Acetate	8.700	43	55907	5.381	ug/l	96
45) 1,4-Dioxane	9.706	88	9340	100.125	ug/l #	80
46) Methyl methacrylate	9.688	41	20269	4.369	ug/l	95
47) n-amyl Acetate	12.500	43	39082	5.142	ug/l	96
48) t-1,3-Dichloropropene	10.847	75	41515	4.868	ug/l #	83
49) cis-1,3-Dichloropropene	10.324	75	43984	4.868	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	28606	4.959	ug/l	90
51) Ethyl methacrylate	10.882	69	33901	4.395	ug/l	85
52) 1,3-Dichloropropane	11.171	76	44575	4.254	ug/l	97
53) Dibromochloromethane	11.365	129	28788	4.514	ug/l	96
54) 1,2-Dibromoethane	11.476	107	28322	4.973	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	43316	17.621	ug/l	98
56) Bromoform	12.582	173	19607	4.884	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	140358	22.133	ug/l	99
59) 2-Hexanone	11.200	43	108149	22.467	ug/l	96
61) Tetrachloroethene	11.112	164	25696	4.546	ug/l #	83
62) Toluene	10.635	91	122093	4.812	ug/l	99
64) Chlorobenzene	11.900	112	72443	4.939	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	27445	4.713	ug/l	95
66) Ethyl Benzene	11.971	91	119643	4.770	ug/l	97
67) m/p-Xylenes	12.076	106	88246	9.244	ug/l	94
68) o-Xylene	12.400	106	42572	4.463	ug/l	100
69) Styrene	12.418	104	63094	4.248	ug/l	99
70) Isopropylbenzene	12.700	105	108139	4.559	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	40544	5.107	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	46485	6.178	ug/l	52
73) Bromobenzene	12.982	156	29177	4.973	ug/l	92
74) n-propylbenzene	13.041	91	122191	4.657	ug/l	99
75) 2-Chlorotoluene	13.129	91	83067	4.980	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	94562	4.846	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	9830	4.454	ug/l	87
78) 4-Chlorotoluene	13.223	91	71891	4.495	ug/l	100
79) tert-butylbenzene	13.441	119	77229	4.556	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	80775	4.360	ug/l	97
81) sec-Butylbenzene	13.623	105	140177	6.493	ug/l	100
82) p-Isopropyltoluene	13.735	119	89277	5.070	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	47259	5.028	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	43089	4.943	ug/l	99
85) n-Butylbenzene	14.059	91	63670	5.347	ug/l	99
86) Hexachloroethane	14.341	117	16898	4.991	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	43219	4.897	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	6242	5.194	ug/l	94
89) 1,2,4-Trichlorobenzene	15.847	180	17150	6.737	ug/l	91
90) Hexachlorobutadiene	15.500	225	14398	6.605	ug/l	92
91) Naphthalene	15.647	128	43778	5.489	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	17150	5.606	ug/l	95

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

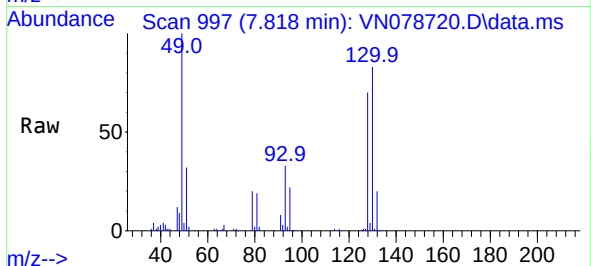
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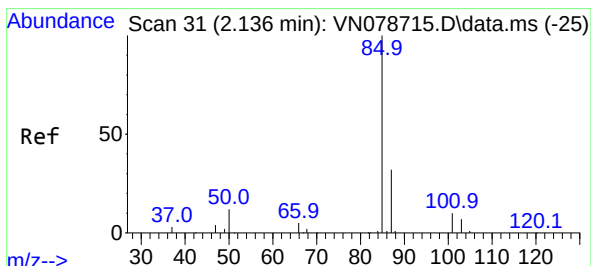
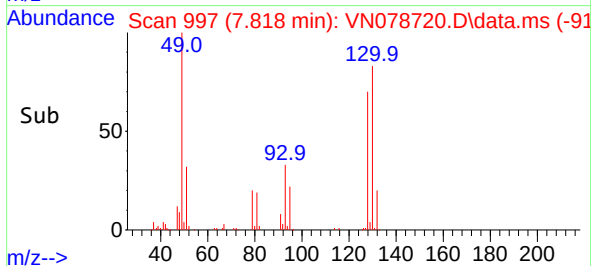
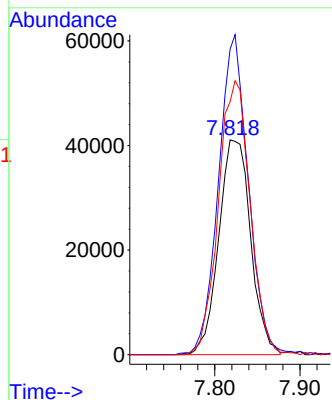


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

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MSVOA_N
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VSTDICC005

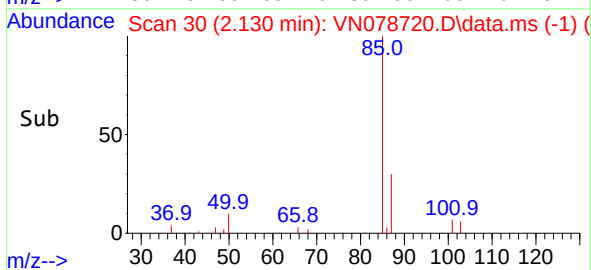
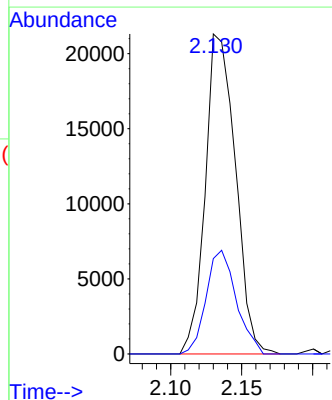
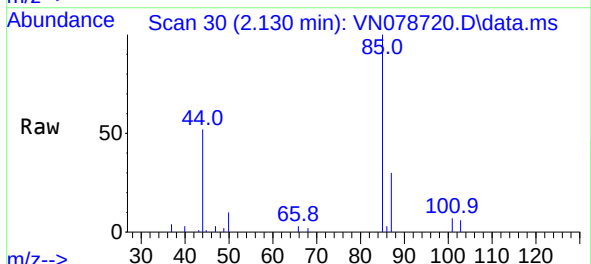


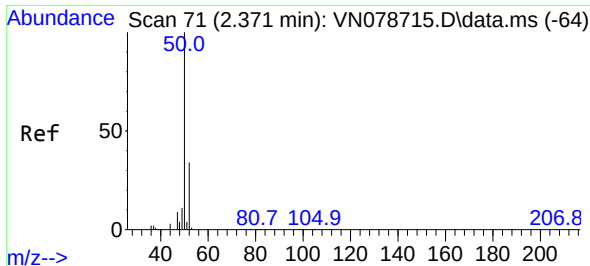
Tgt Ion:128 Resp: 106998
Ion Ratio Lower Upper
128 100
49 137.2 0.0 370.8
130 126.5 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 5.319 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 85 Resp: 31482
Ion Ratio Lower Upper
85 100
87 29.8 16.4 49.4

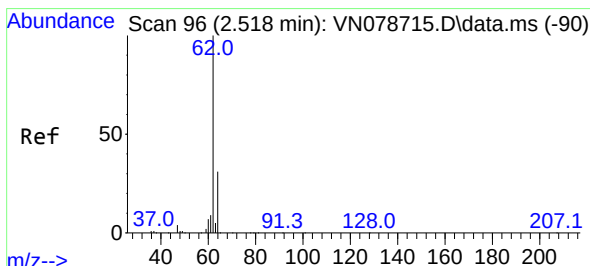
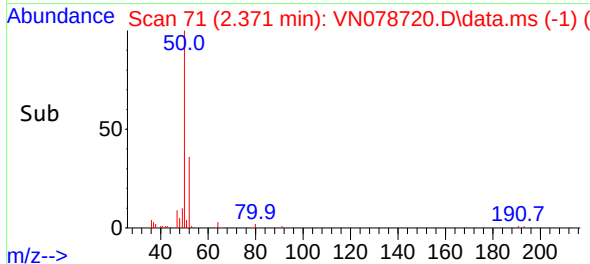
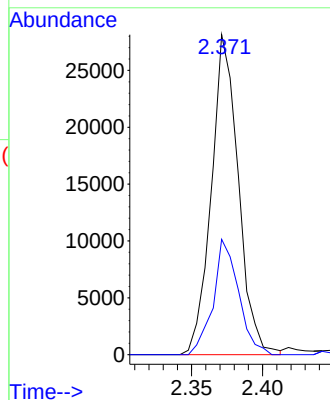
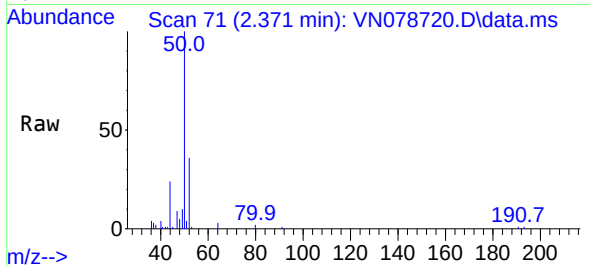




#3
Chloromethane
Concen: 5.061 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

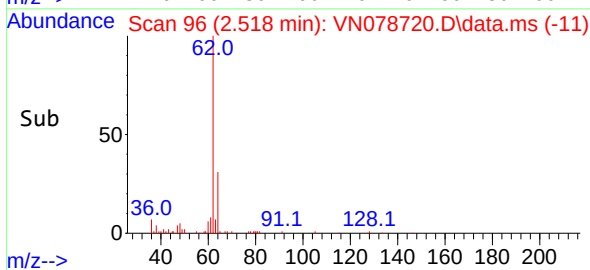
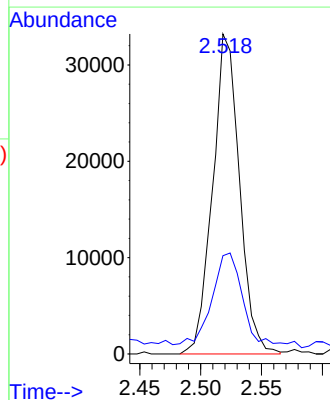
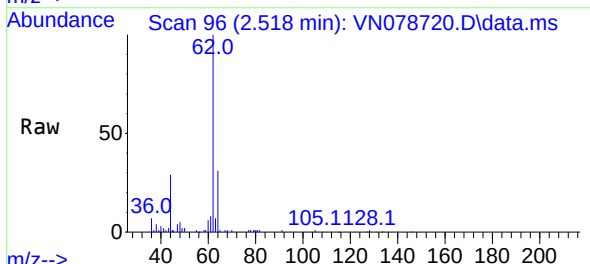
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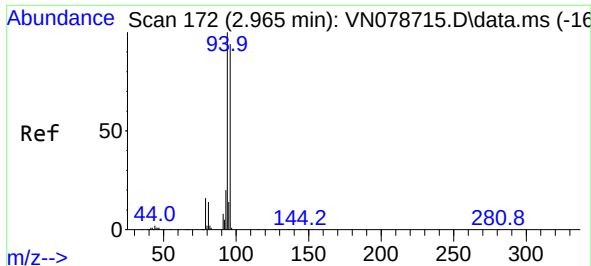
Tgt Ion: 50 Resp: 37219
Ion Ratio Lower Upper
50 100
52 36.1 24.6 36.8



#4
Vinyl Chloride
Concen: 5.303 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 62 Resp: 50967
Ion Ratio Lower Upper
62 100
64 27.7 23.3 34.9

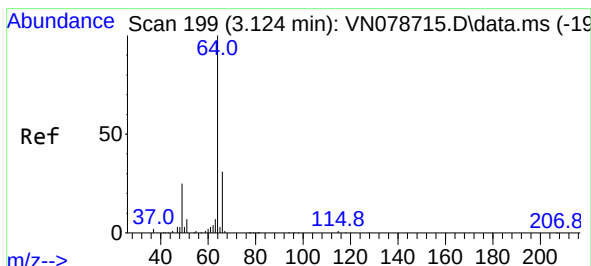
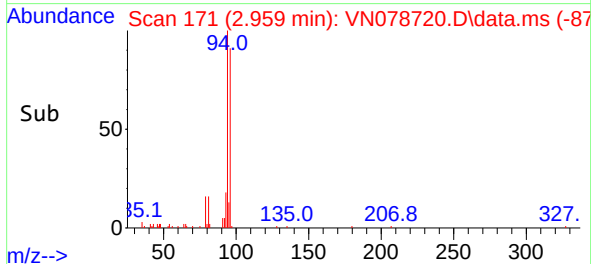
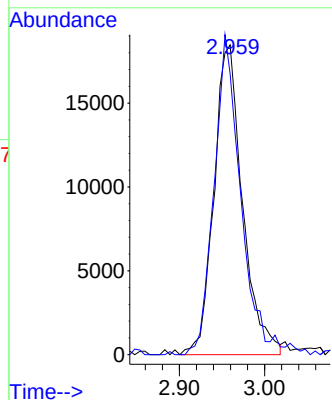
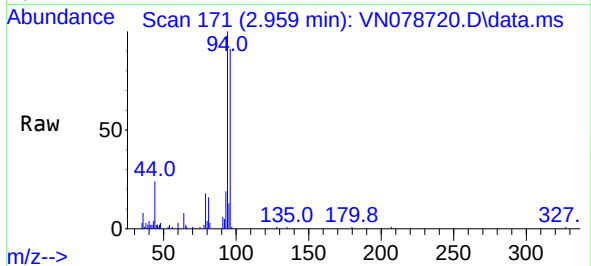




#5
Bromomethane
Concen: 5.841 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

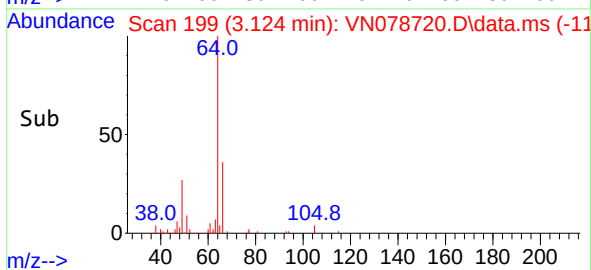
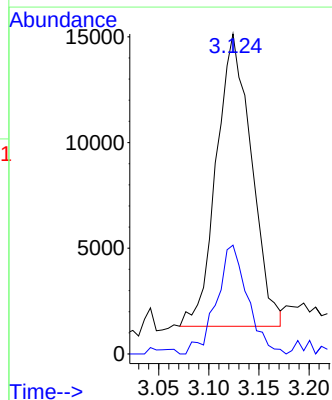
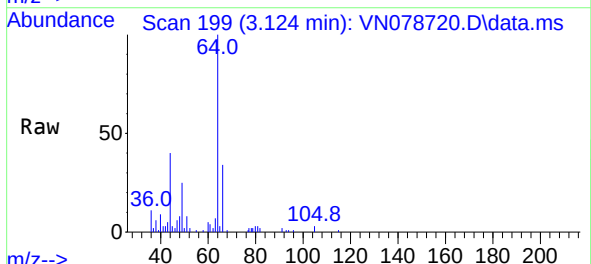
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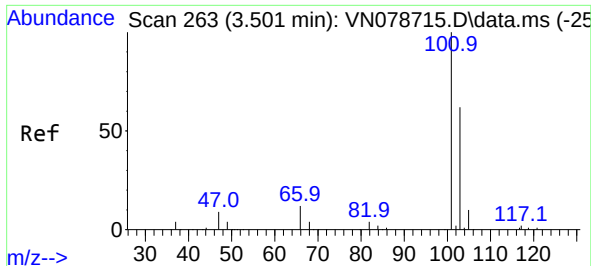
Tgt Ion: 94 Resp: 43008
Ion Ratio Lower Upper
94 100
96 90.7 73.9 110.9



#6
Chloroethane
Concen: 5.338 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 64 Resp: 33710
Ion Ratio Lower Upper
64 100
66 37.2 25.7 38.5

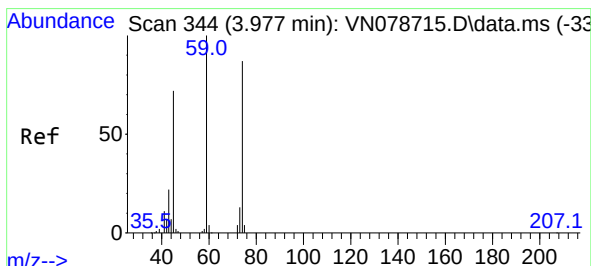
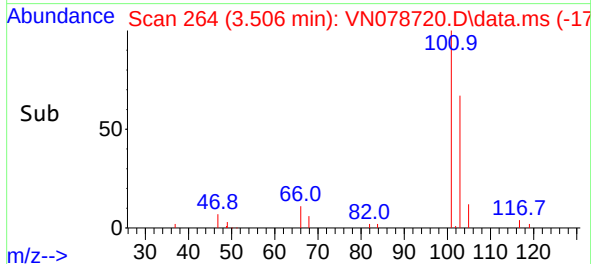
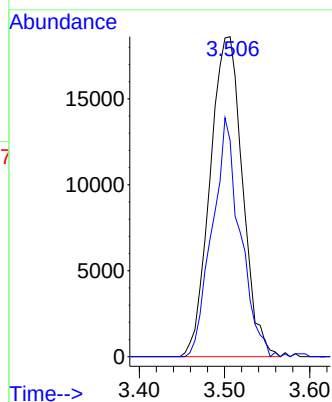
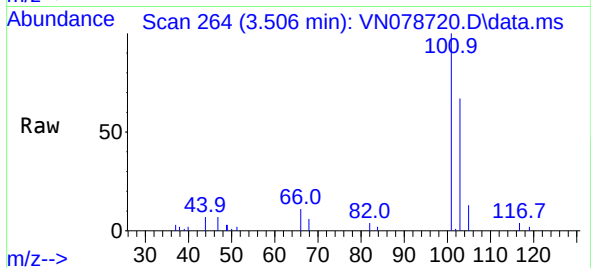




#7
Trichlorofluoromethane
Concen: 4.926 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

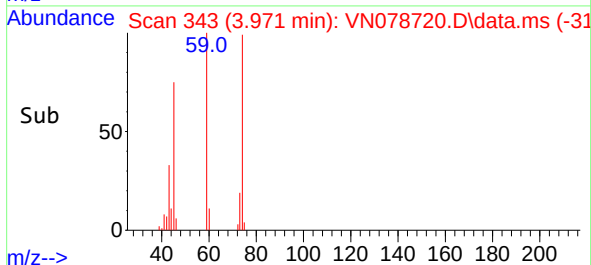
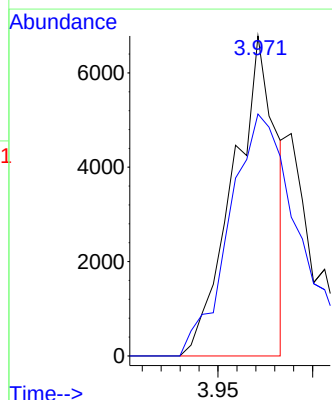
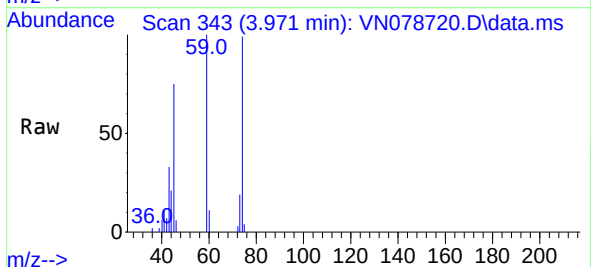
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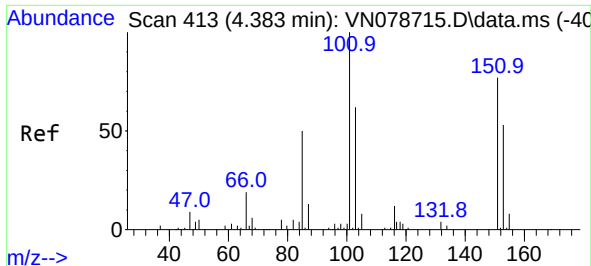
Tgt Ion:101 Resp: 49188
Ion Ratio Lower Upper
101 100
103 67.5 50.4 75.6



#8
Diethyl Ether
Concen: 3.354 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 74 Resp: 10815
Ion Ratio Lower Upper
74 100
45 120.0 16.3 146.5

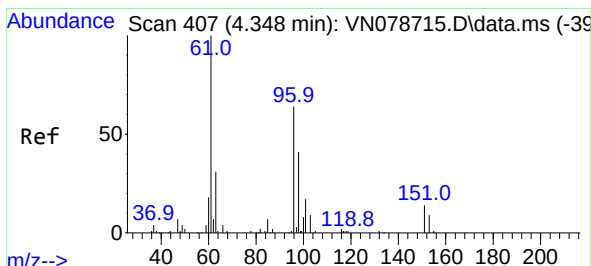
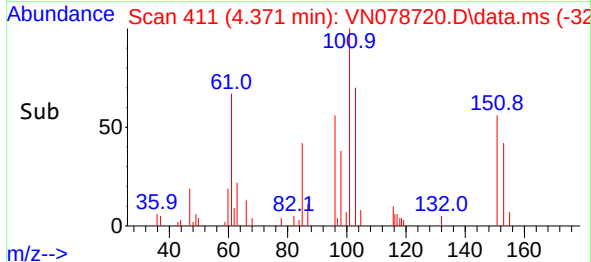
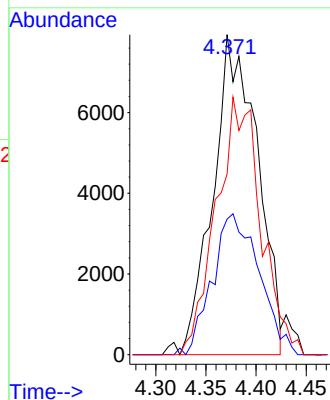
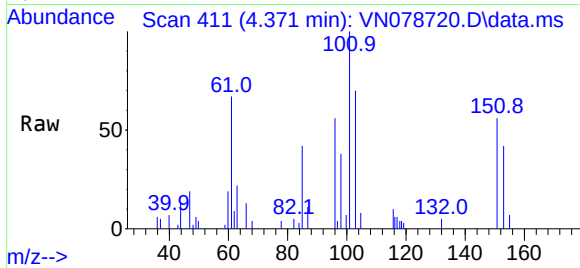




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.591 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN078720.D
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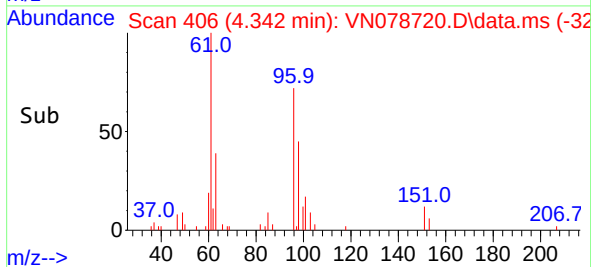
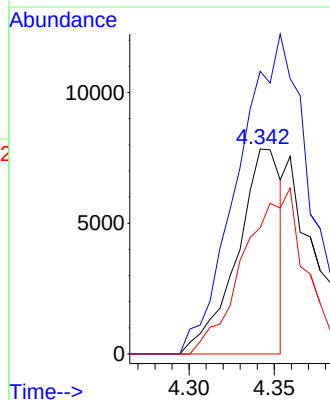
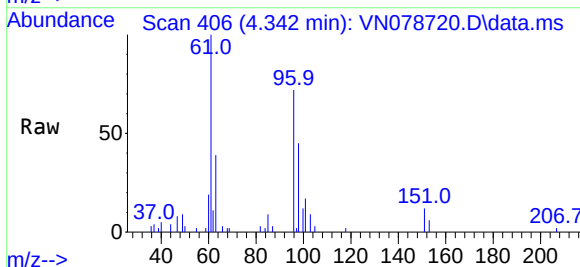
Instrument :
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ClientSampleId :
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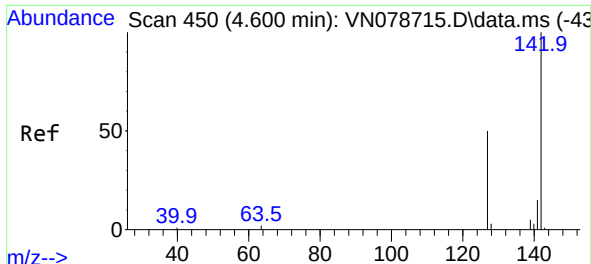
Tgt Ion:101 Resp: 24412
Ion Ratio Lower Upper
101 100
85 31.3 0.0 89.2
151 44.4 0.0 148.8



#10
1,1-Dichloroethene
Concen: 2.753 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

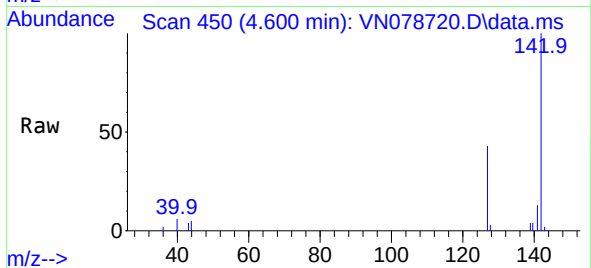
Tgt Ion: 96 Resp: 14048
Ion Ratio Lower Upper
96 100
61 138.0 123.4 185.2
98 61.6 53.7 80.5



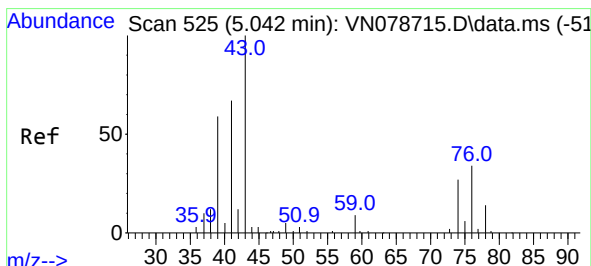
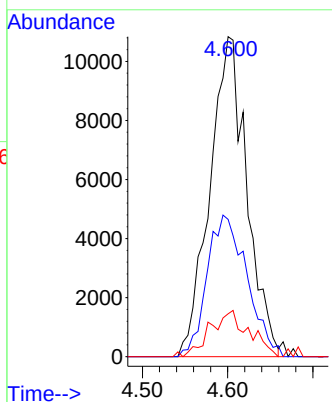
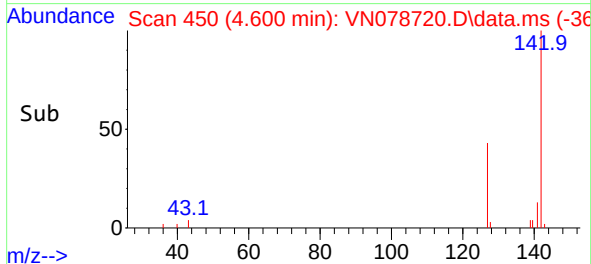


#11
Methyl Iodide
Concen: 4.629 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

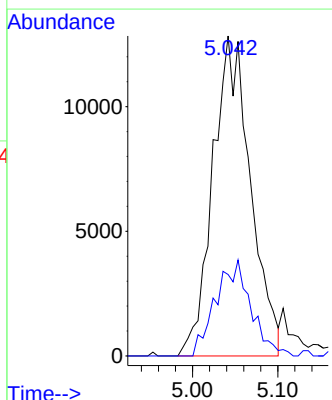
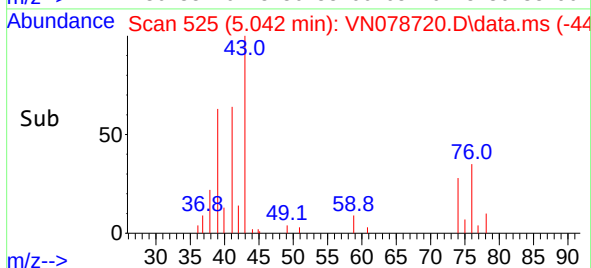
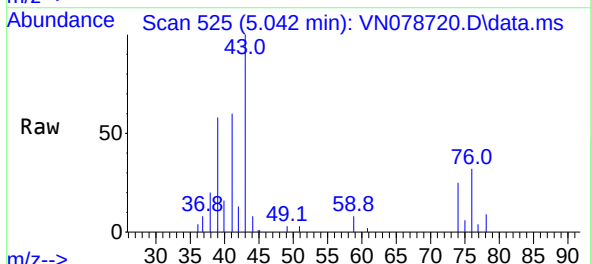


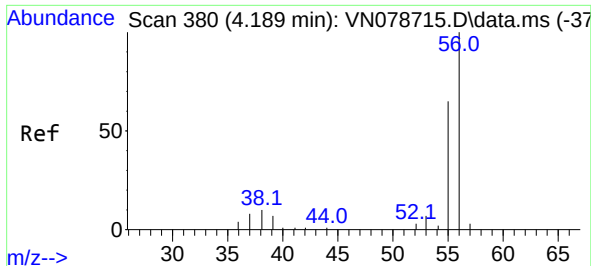
Tgt Ion:142 Resp: 32725
Ion Ratio Lower Upper
142 100
127 44.3 23.2 69.5
141 12.8 7.2 21.7



#12
Methyl Acetate
Concen: 5.238 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 43 Resp: 39495
Ion Ratio Lower Upper
43 100
74 25.7 20.5 30.7

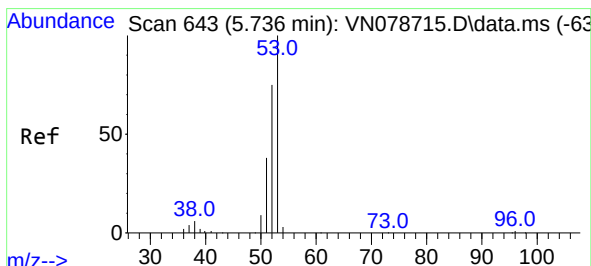
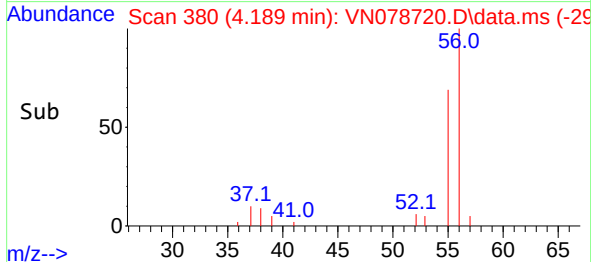
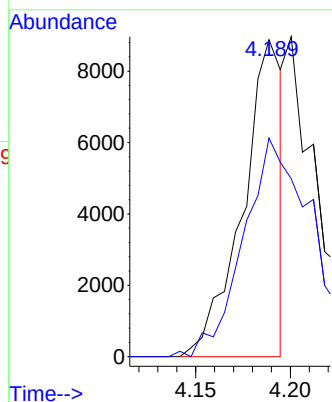
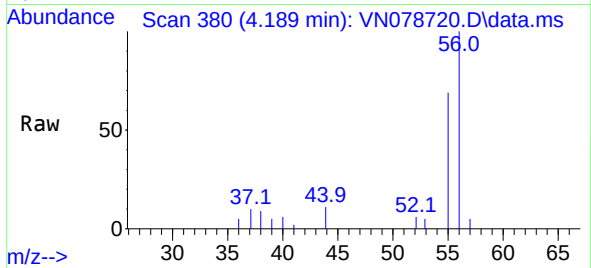




#13
Acrolein
Concen: 14.549 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

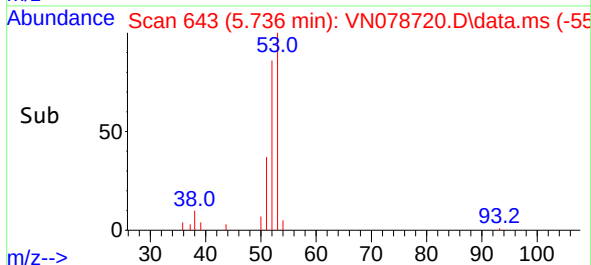
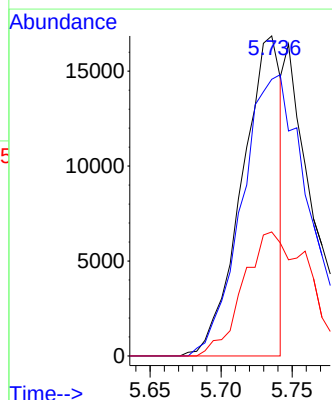
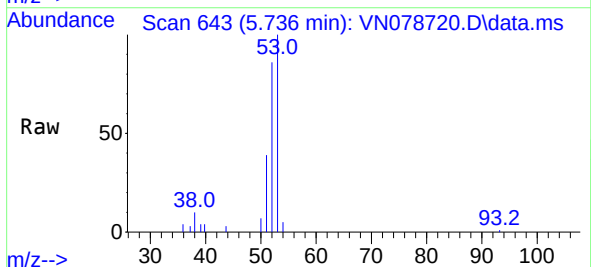
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

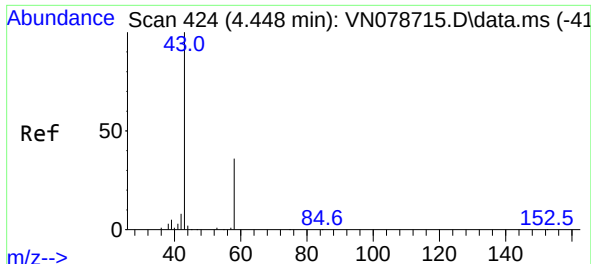
Tgt Ion: 56 Resp: 12949
Ion Ratio Lower Upper
56 100
55 114.4 59.0 88.4#



#14
Acrylonitrile
Concen: 14.790 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 53 Resp: 32302
Ion Ratio Lower Upper
53 100
52 153.2 42.3 126.9#
51 43.5 18.4 55.4

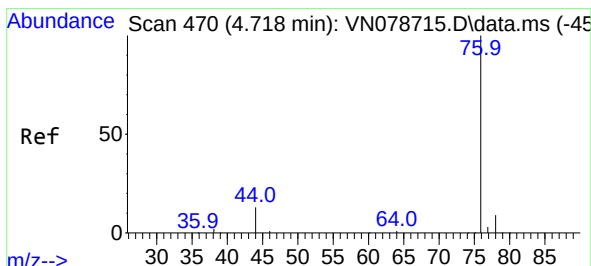
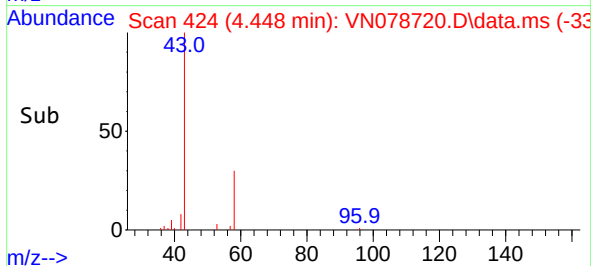
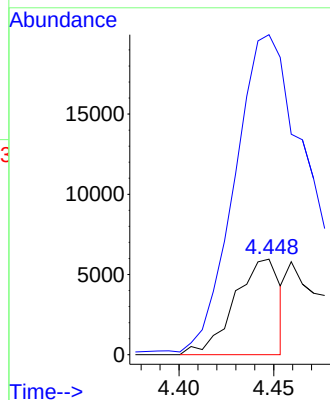
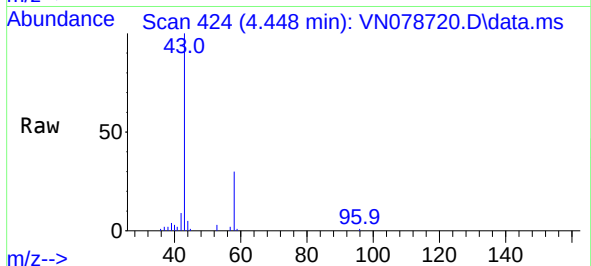




#15
Acetone
Concen: 15.155 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

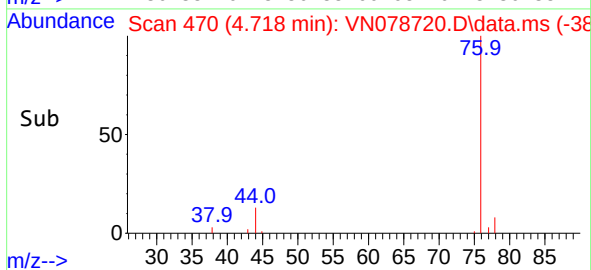
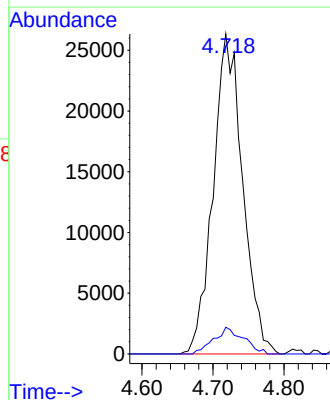
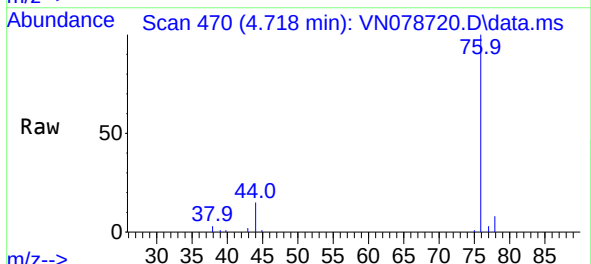
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

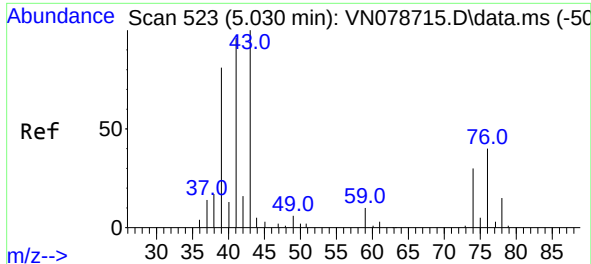
Tgt Ion: 58 Resp: 9892
Ion Ratio Lower Upper
58 100
43 332.4 227.5 341.3



#16
Carbon Disulfide
Concen: 5.208 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 76 Resp: 75933
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5

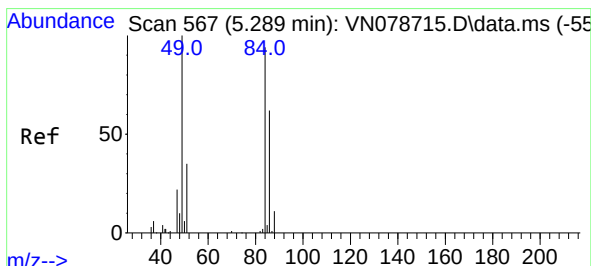
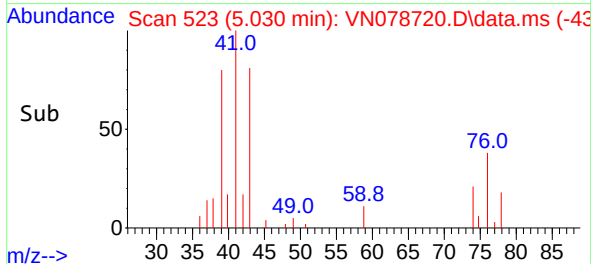
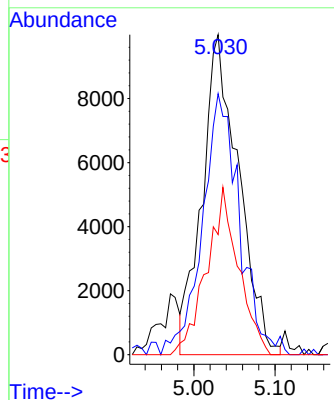
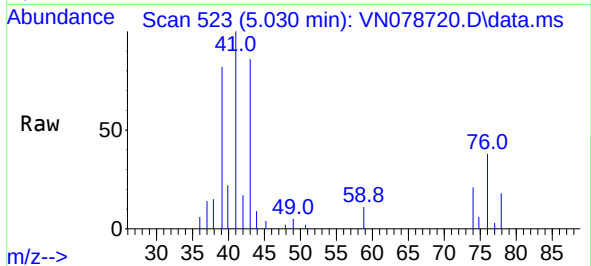




#17
 Allyl chloride
 Concen: 4.390 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36

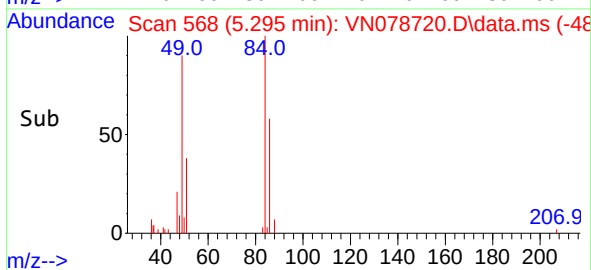
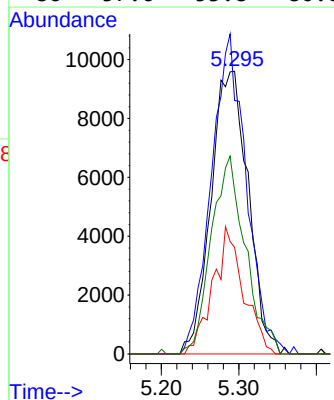
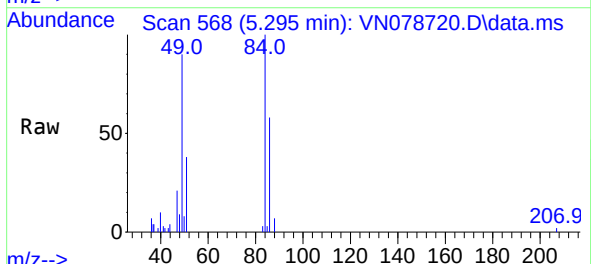
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

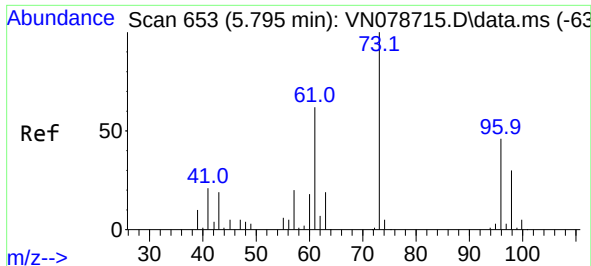
Tgt Ion:	41	Resp:	31206
Ion	Ratio	Lower	Upper
41	100		
39	77.8	37.6	112.8
76	38.6	23.8	71.4



#18
 Methylene Chloride
 Concen: 5.815 ug/l
 RT: 5.295 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36

Tgt Ion:	84	Resp:	32058
Ion	Ratio	Lower	Upper
84	100		
49	89.6	88.1	132.1
51	37.7	24.0	36.0#
86	57.6	53.8	80.8





#19

trans-1,2-Dichloroethene

Concen: 4.925 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

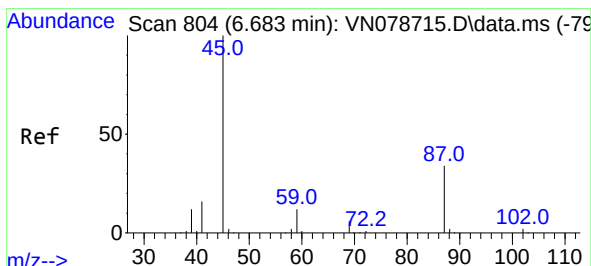
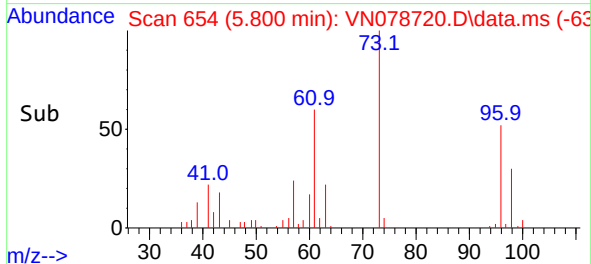
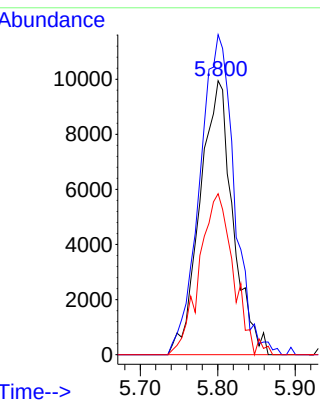
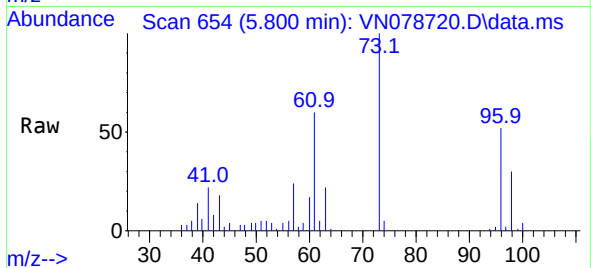
Tgt Ion: 96 Resp: 29276

Ion Ratio Lower Upper

96 100

61 116.8 105.2 157.8

98 58.8 50.5 75.7



#20

Diisopropyl ether

Concen: 4.272 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion: 45 Resp: 66564

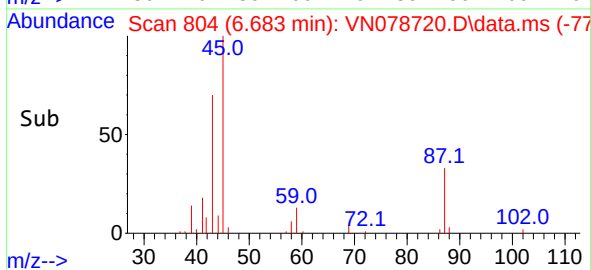
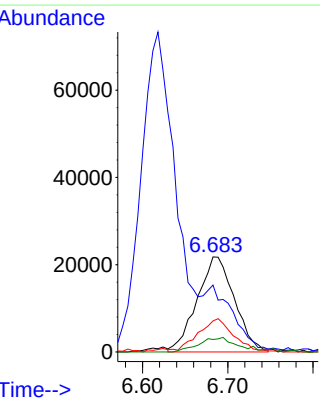
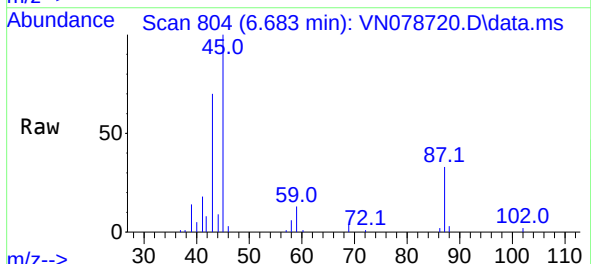
Ion Ratio Lower Upper

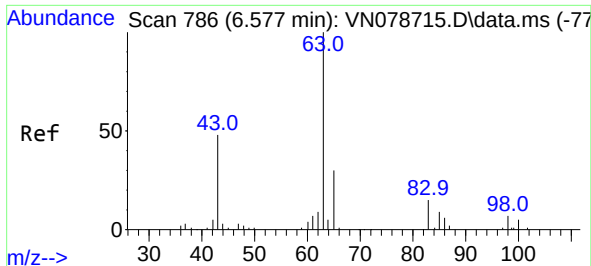
45 100

43 69.4 43.6 65.4#

87 32.6 25.8 38.6

59 13.6 10.6 16.0





#21

1,1-Dichloroethane

Concen: 4.741 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

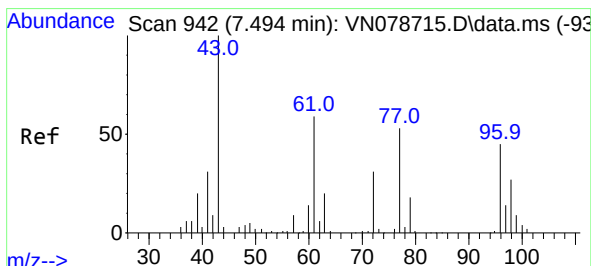
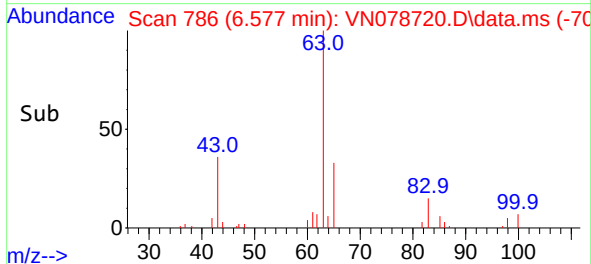
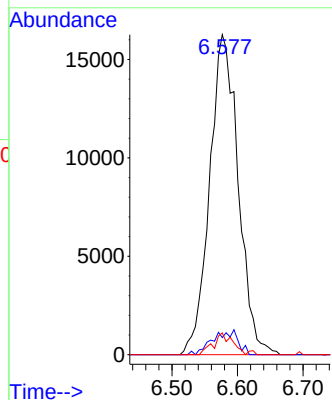
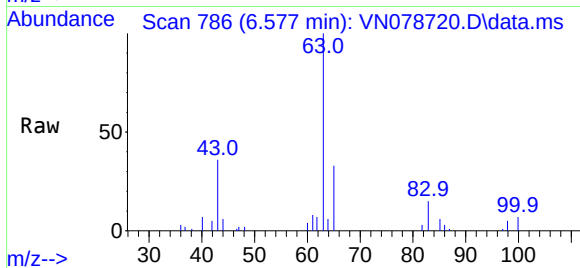
Tgt Ion: 63 Resp: 49295

Ion Ratio Lower Upper

63 100

98 5.3 2.7 8.1

100 6.8 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 4.755 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

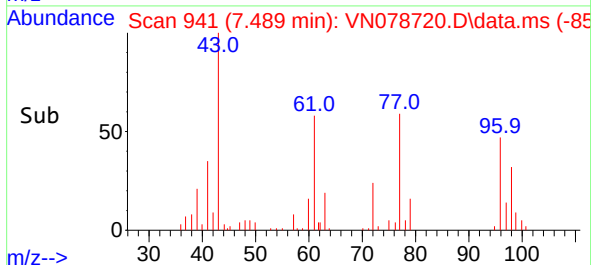
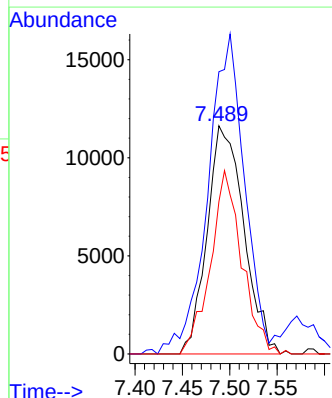
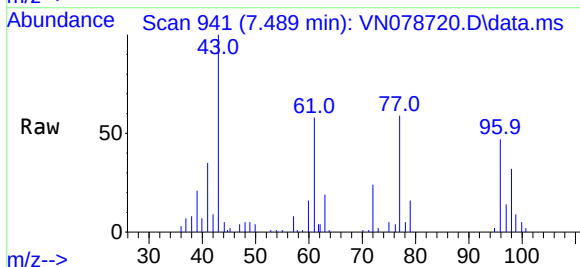
Tgt Ion: 96 Resp: 31390

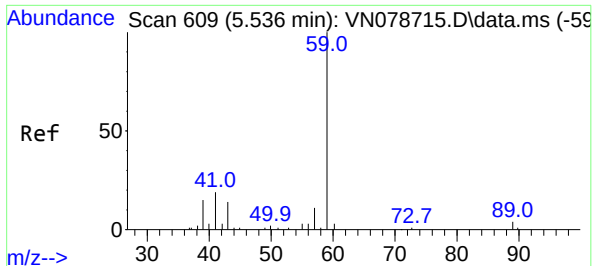
Ion Ratio Lower Upper

96 100

61 139.3 113.8 170.6

98 68.4 52.2 78.4

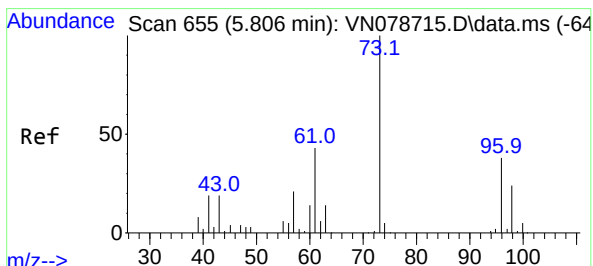
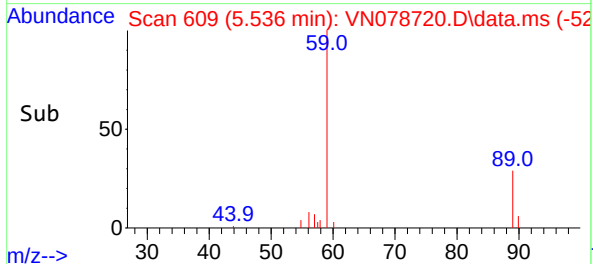
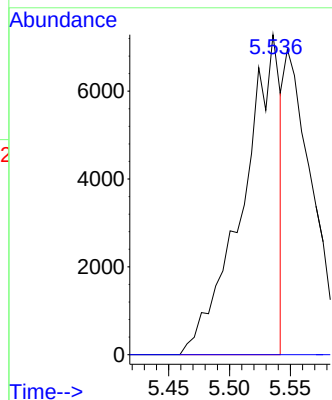
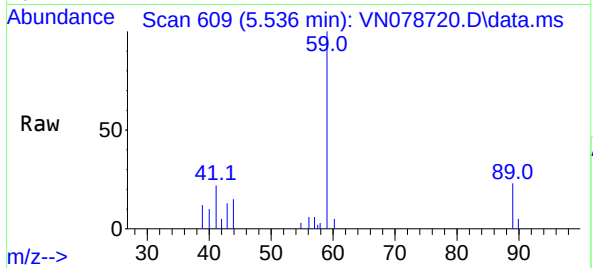




#23
tert-Butyl Alcohol
Concen: 15.875 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

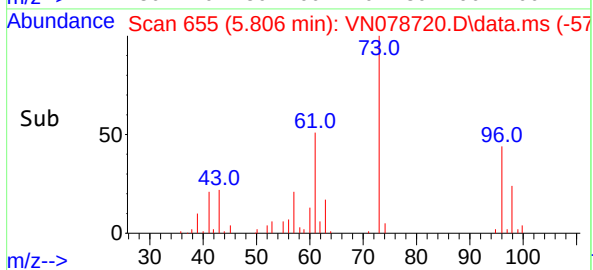
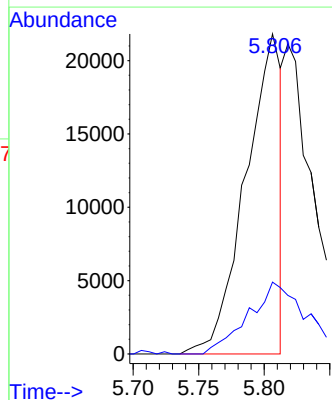
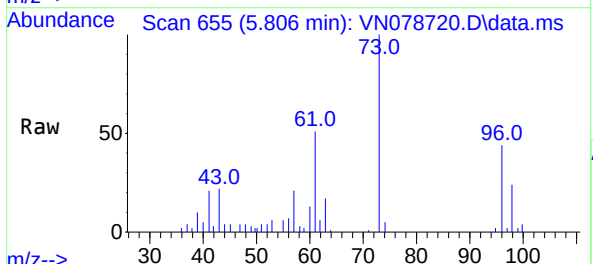
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

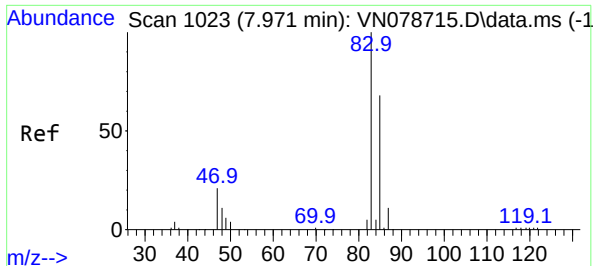
Tgt Ion: 59 Resp: 15862
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 2.399 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 73 Resp: 41260
Ion Ratio Lower Upper
73 100
43 36.5 14.5 21.7#





#25

Chloroform

Concen: 4.713 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

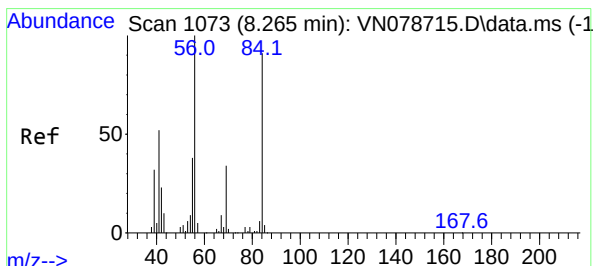
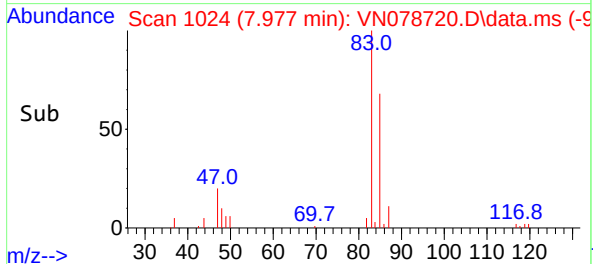
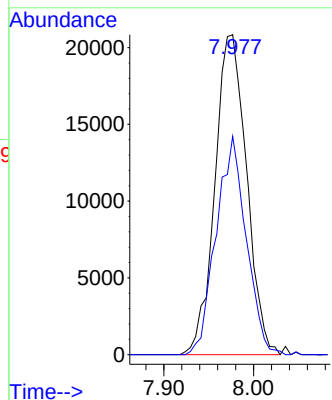
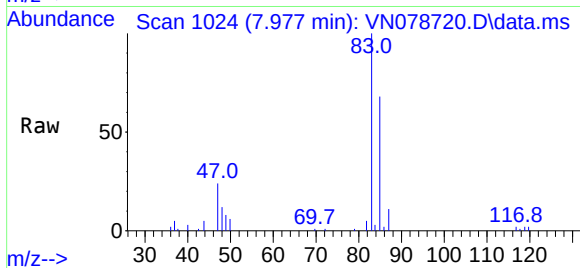
VSTDICC005

Tgt Ion: 83 Resp: 51177

Ion Ratio Lower Upper

83 100

85 68.2 53.4 80.0



#26

Cyclohexane

Concen: 4.400 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

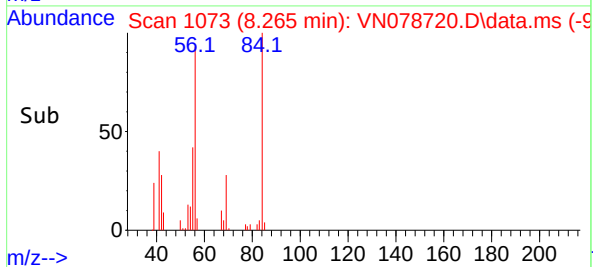
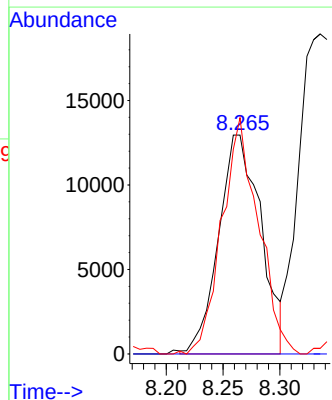
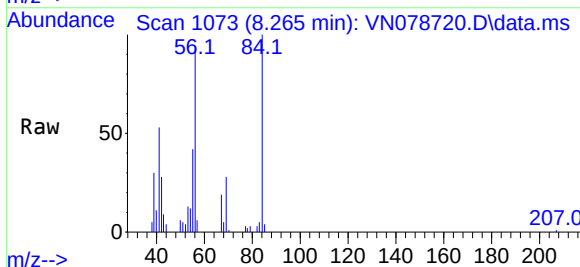
Tgt Ion: 56 Resp: 33383

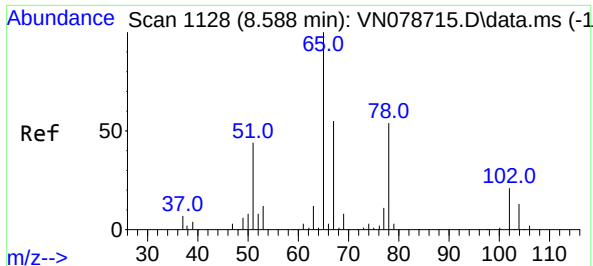
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.5 74.2 111.4

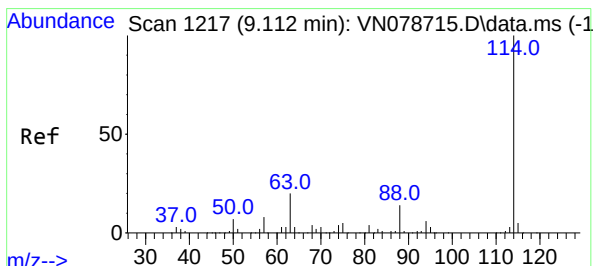
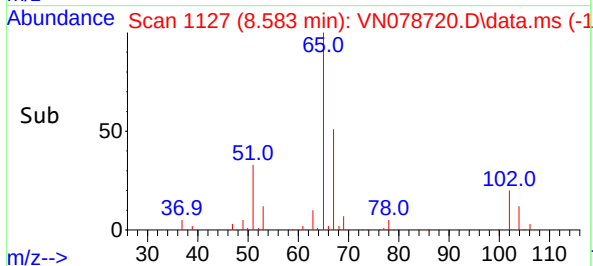
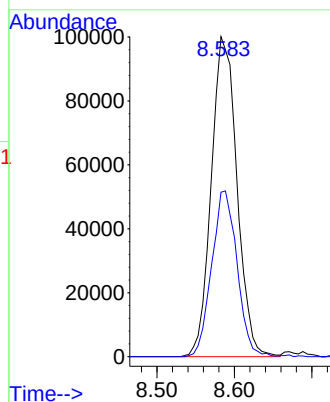
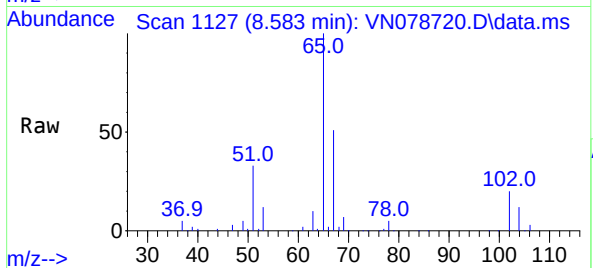




#27
1,2-Dichloroethane-d4
Concen: 28.699 ug/l
RT: 8.583 min Scan# 1128
Delta R.T. -0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

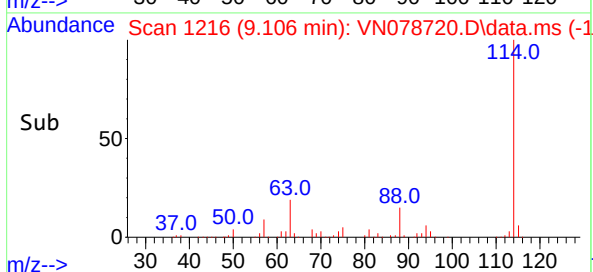
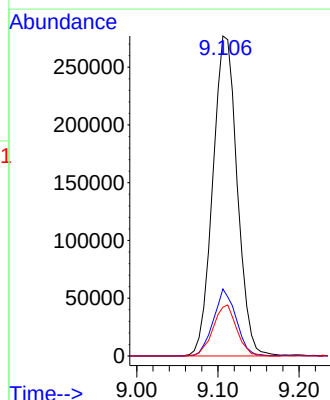
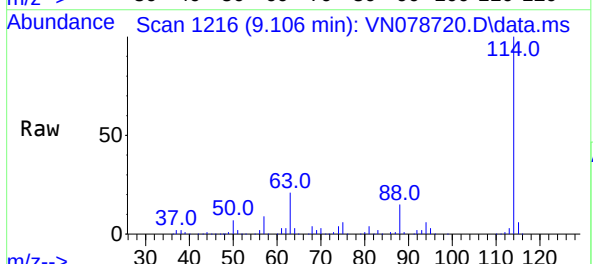
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

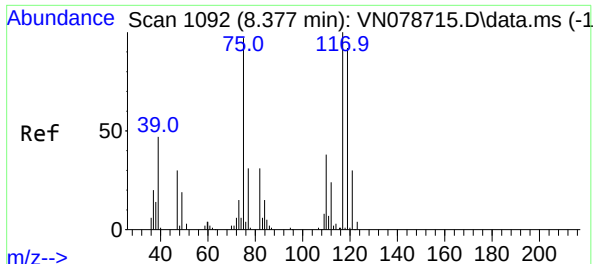
Tgt Ion: 65 Resp: 231376
Ion Ratio Lower Upper
65 100
67 51.0 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 114 Resp: 579190
Ion Ratio Lower Upper
114 100
63 19.4 15.2 22.8
88 15.4 12.5 18.7

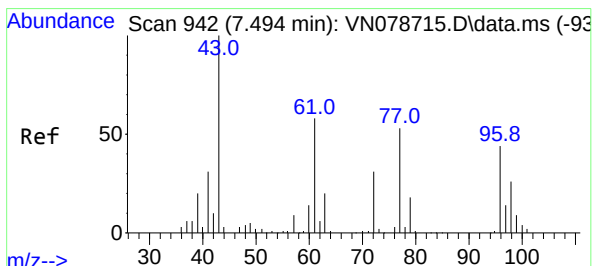
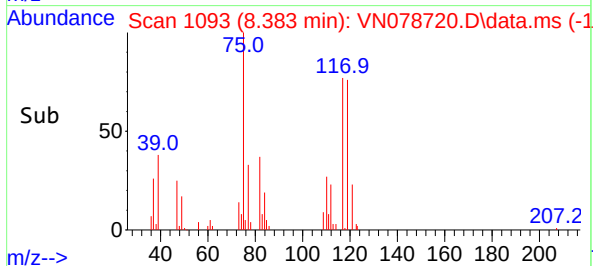
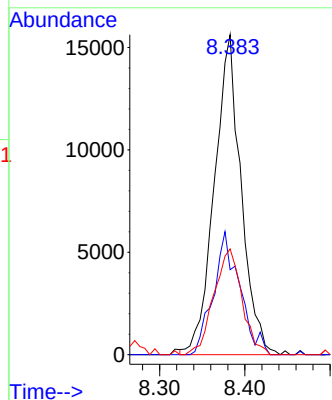
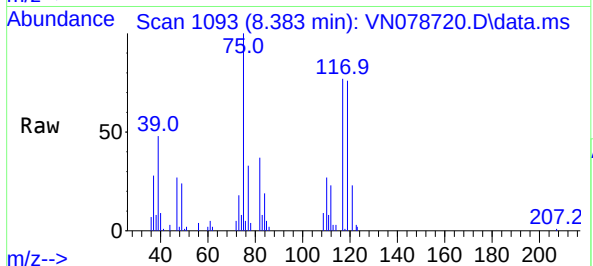




#29
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

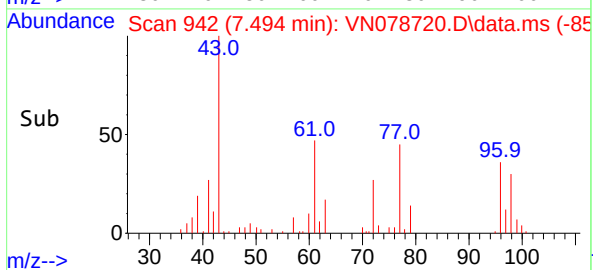
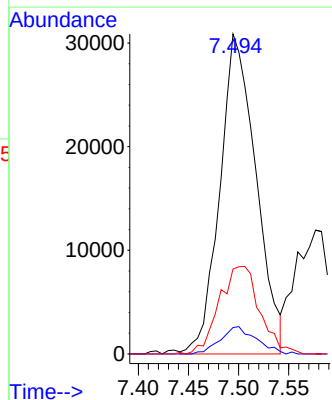
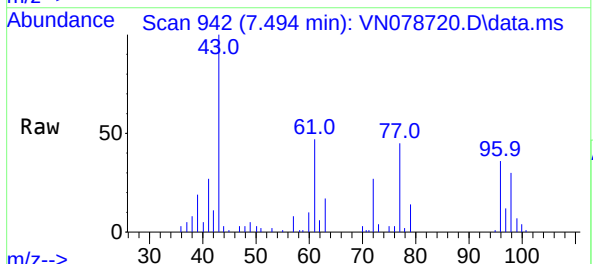
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

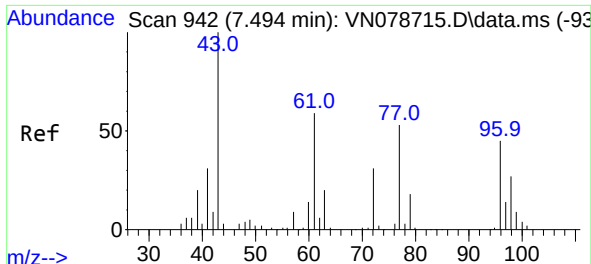
Tgt Ion:	75	Resp:	34001
Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	72.2
77	34.9	0.0	62.8



#30
2-Butanone
Concen: 27.488 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:	43	Resp:	77419
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.8	10.2
72	30.0	23.8	35.6

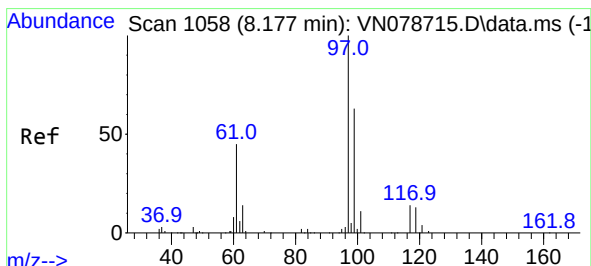
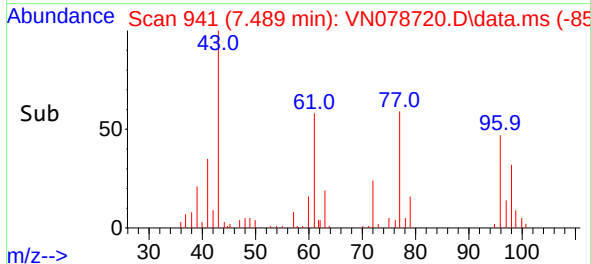
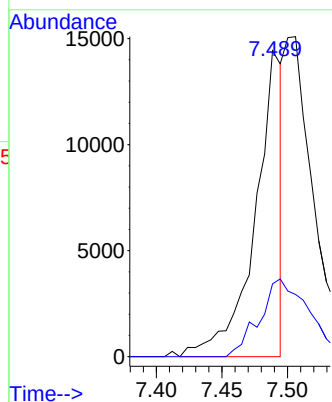
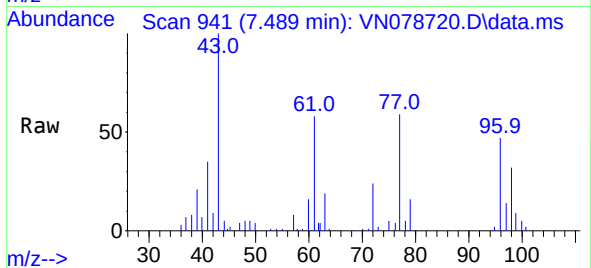




#31
2,2-Dichloropropane
Concen: 2.556 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

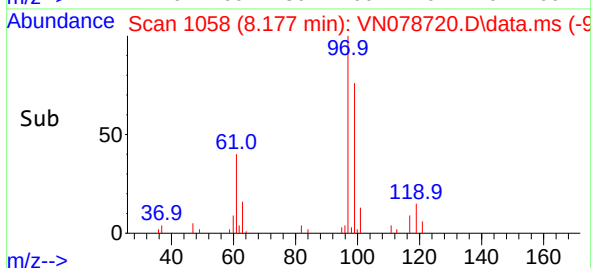
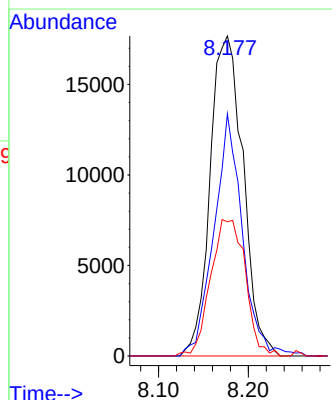
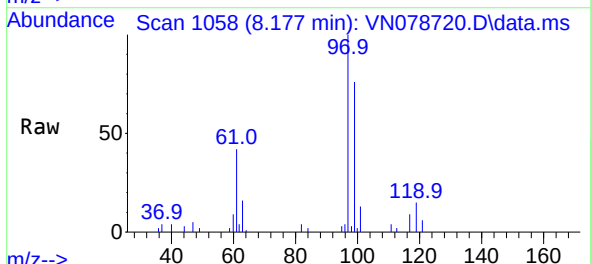
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

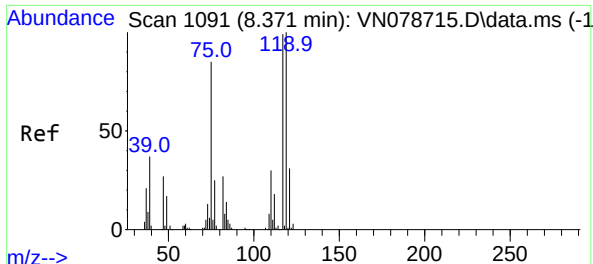
Tgt Ion: 77 Resp: 20895
Ion Ratio Lower Upper
77 100
97 45.8 18.8 28.2#



#32
1,1,1-Trichloroethane
Concen: 4.928 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 97 Resp: 45053
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.4 34.6 52.0

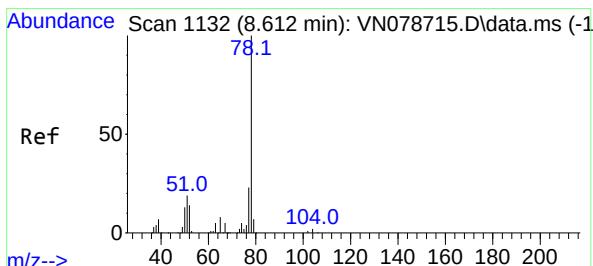
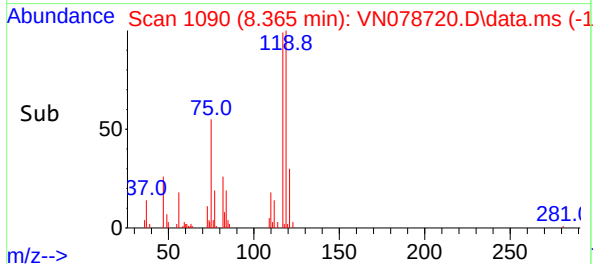
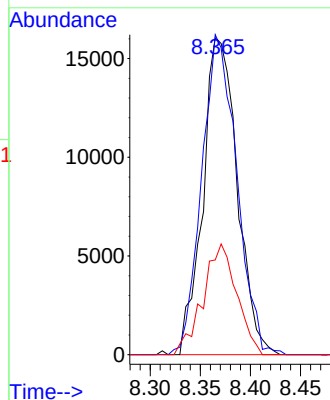
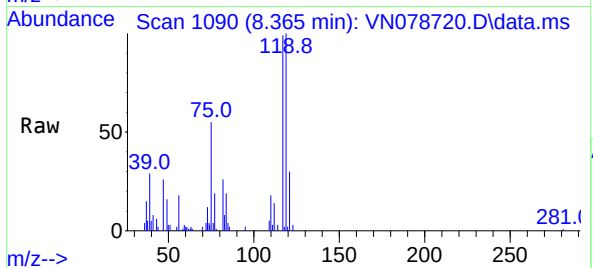




#33
Carbon Tetrachloride
Concen: 4.750 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

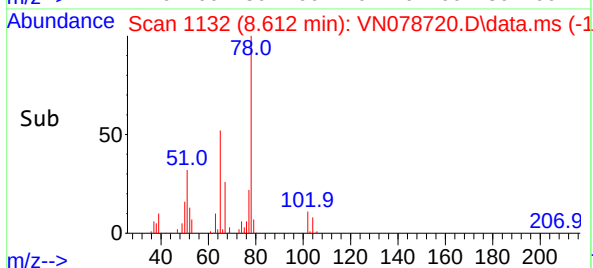
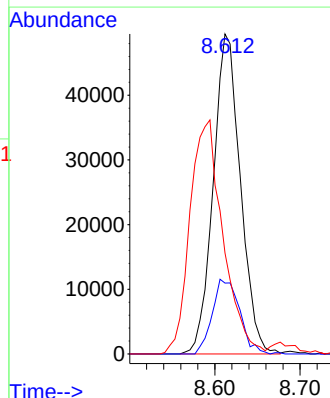
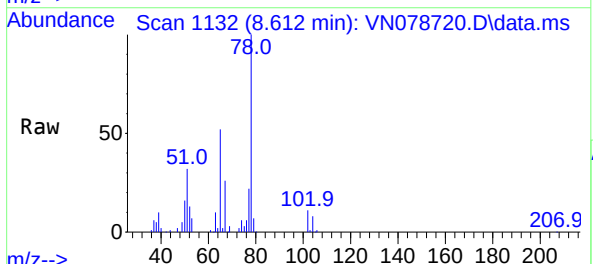
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

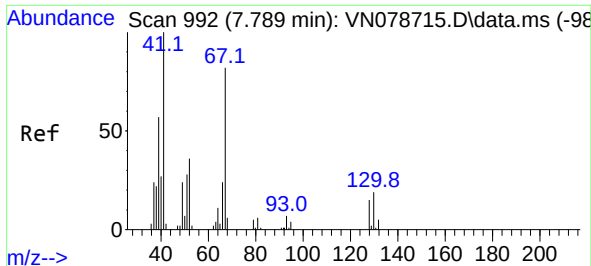
Tgt Ion:117 Resp: 38270
Ion Ratio Lower Upper
117 100
119 101.4 81.4 122.0
121 29.9 23.6 35.4



#34
Benzene
Concen: 5.081 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 78 Resp: 109545
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
51 27.9 13.7 20.5#



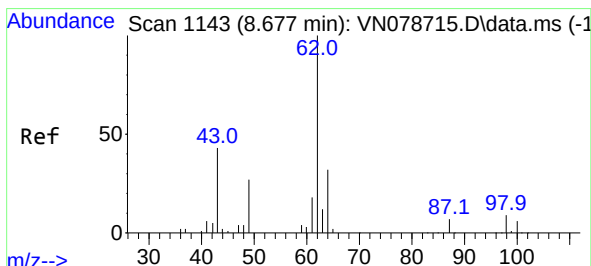
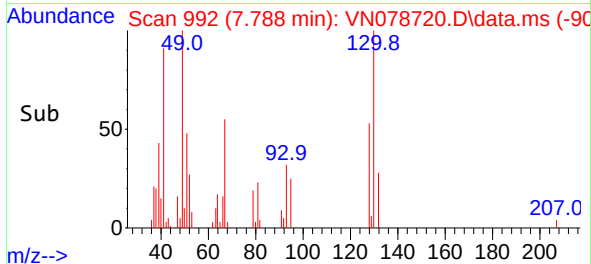
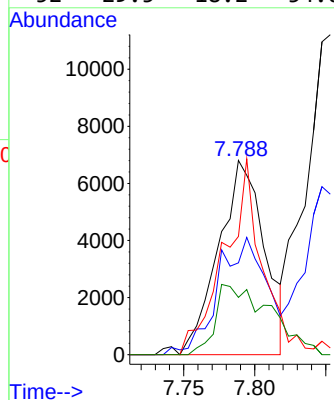
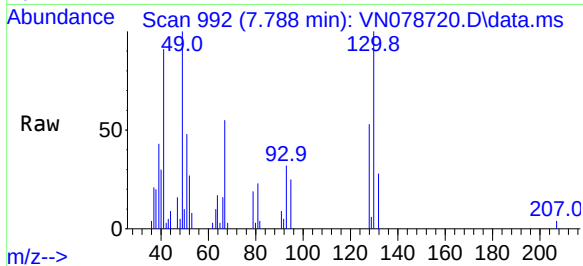


#35
Methacrylonitrile
Concen: 4.873 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 15273

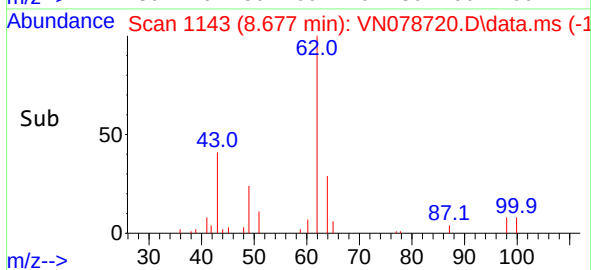
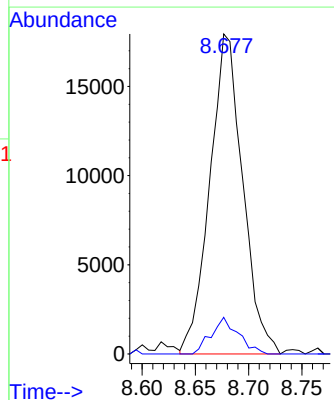
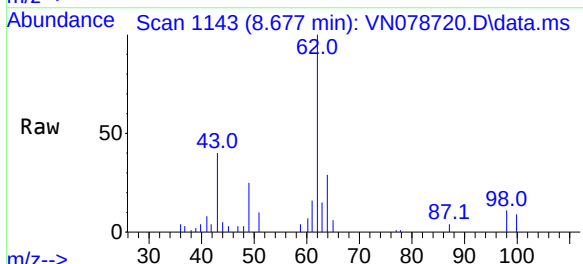
Ion	Ratio	Lower	Upper
41	100		
39	44.8	33.9	101.6
67	60.9	45.9	137.6
52	29.5	18.2	54.6

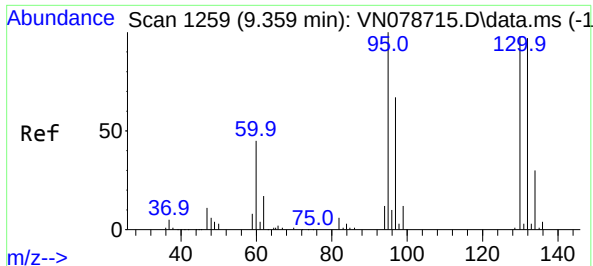


#36
1,2-Dichloroethane
Concen: 5.068 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 62 Resp: 38553

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.0

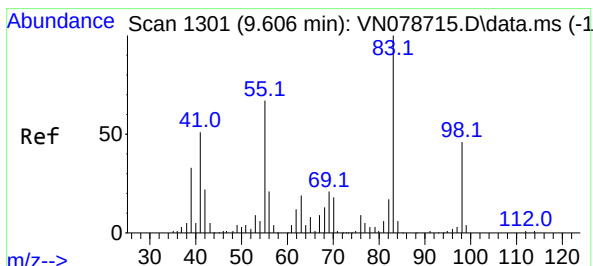
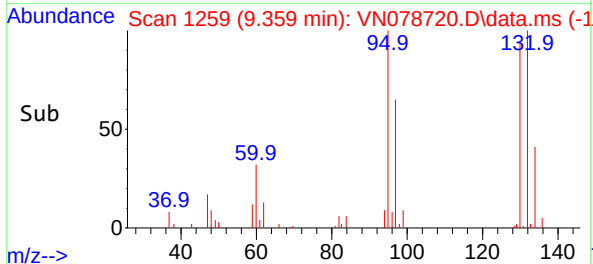
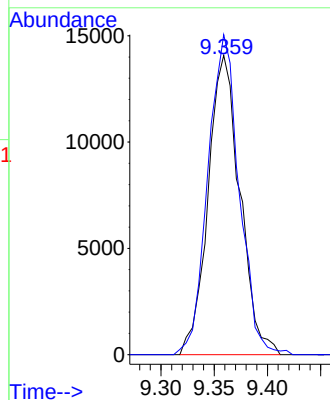
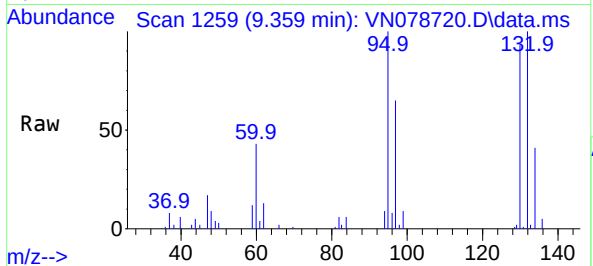




#37
Trichloroethene
Concen: 4.924 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

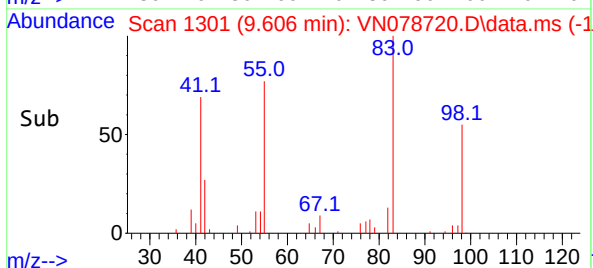
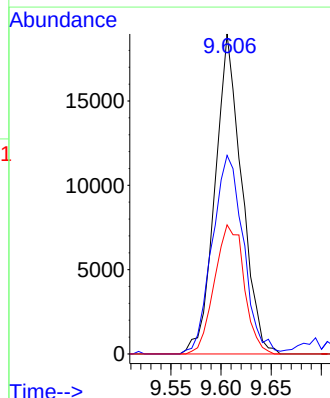
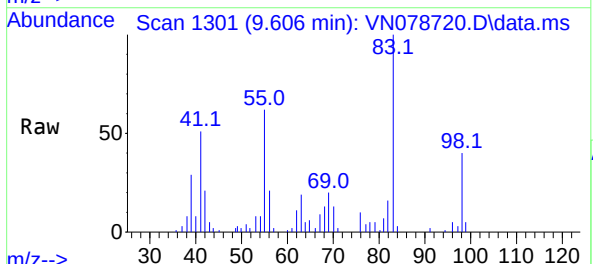
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

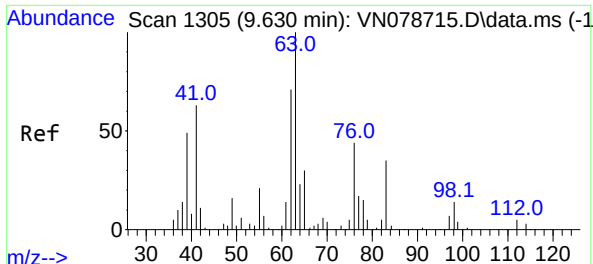
Tgt Ion:130 Resp: 29245
Ion Ratio Lower Upper
130 100
95 105.7 78.2 117.4



#38
Methylcyclohexane
Concen: 4.931 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 83 Resp: 35012
Ion Ratio Lower Upper
83 100
55 72.8 34.0 102.0
98 44.9 23.0 69.0

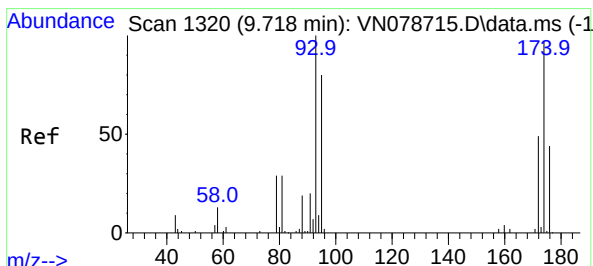
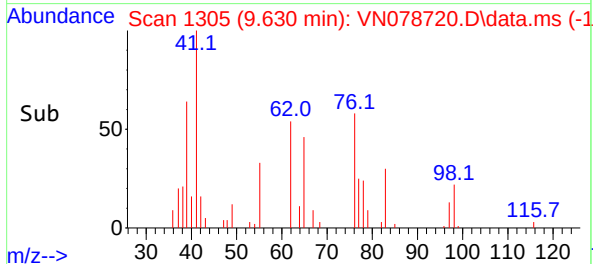
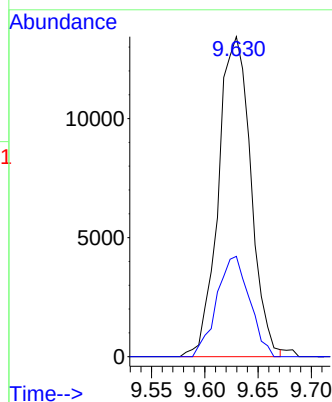
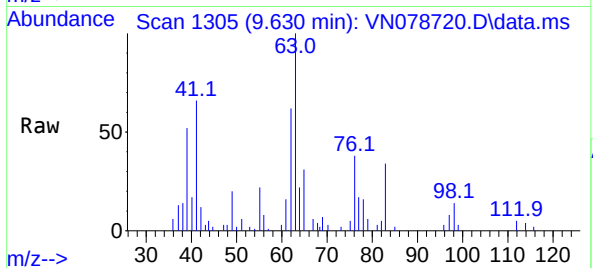




#39
1,2-Dichloropropane
Concen: 5.031 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

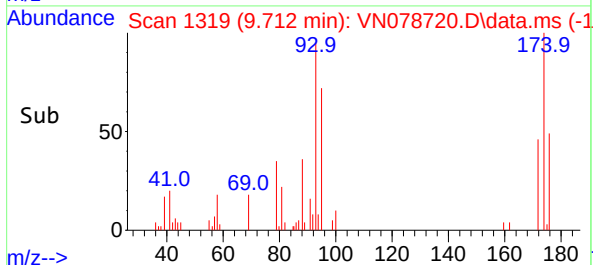
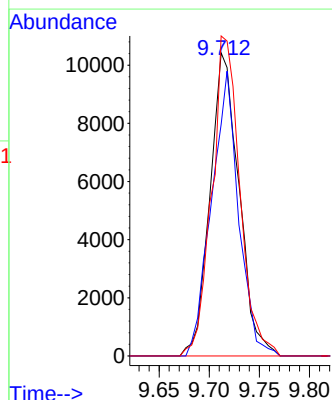
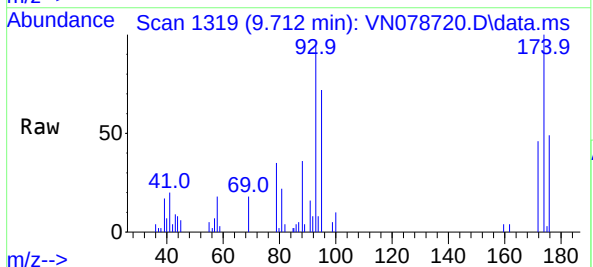
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

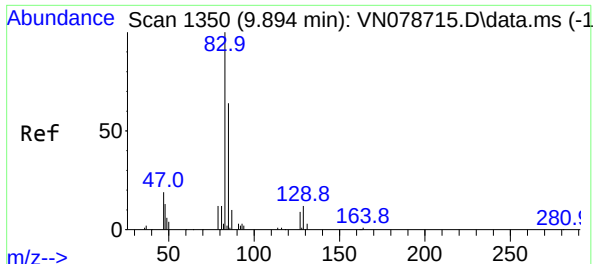
Tgt Ion: 63 Resp: 28467
Ion Ratio Lower Upper
63 100
65 31.4 27.4 41.2



#40
Dibromomethane
Concen: 5.221 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 93 Resp: 20948
Ion Ratio Lower Upper
93 100
95 88.1 0.0 167.8
174 102.2 0.0 180.8

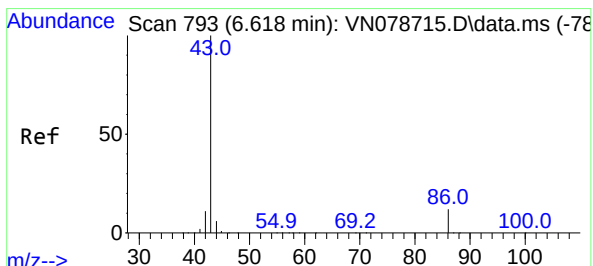
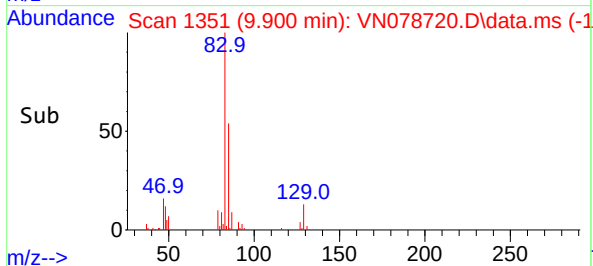
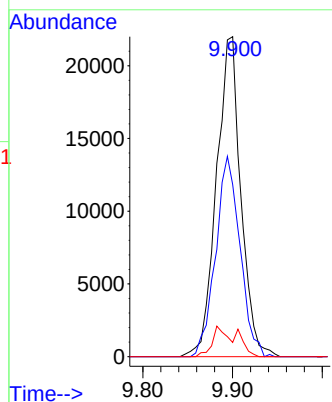
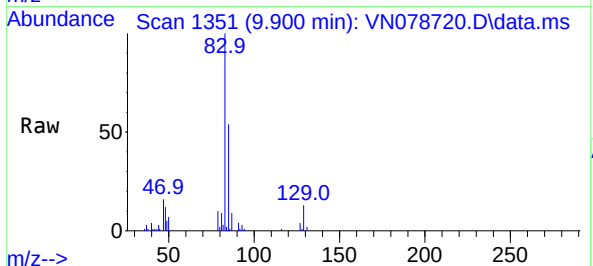




#41
Bromodichloromethane
Concen: 5.179 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

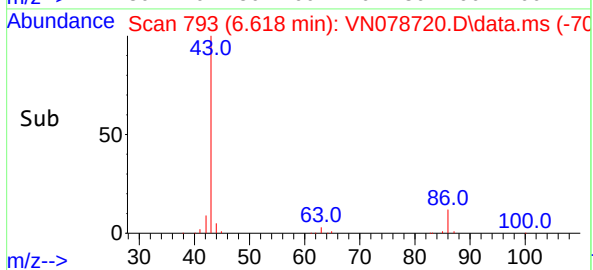
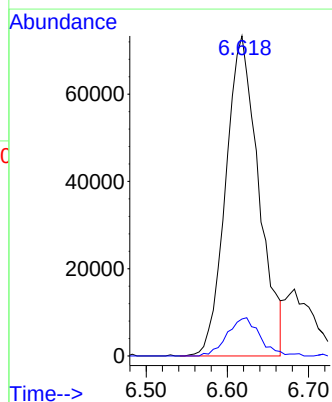
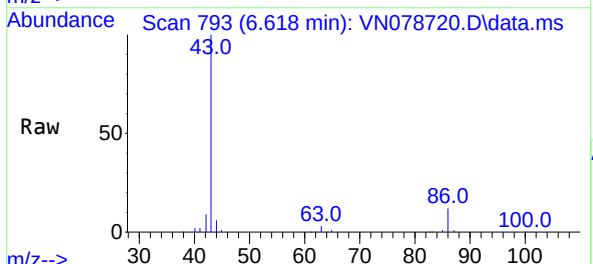
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

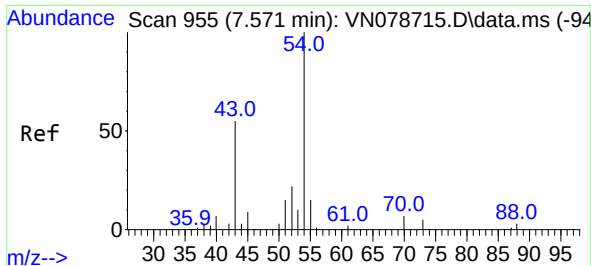
Tgt Ion: 83 Resp: 41586
Ion Ratio Lower Upper
83 100
85 53.8 54.1 81.1#
127 4.5 7.8 11.6#



#42
Vinyl Acetate
Concen: 21.940 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 43 Resp: 206970
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.0

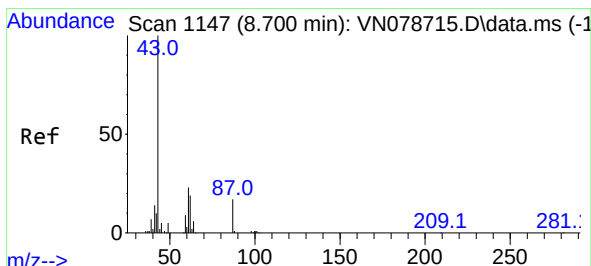
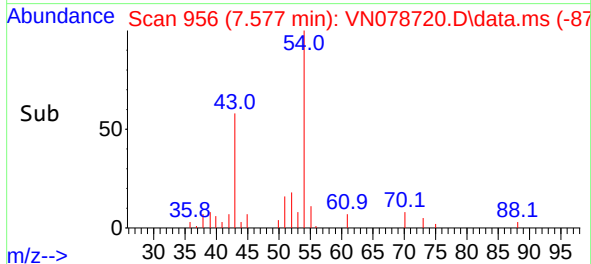
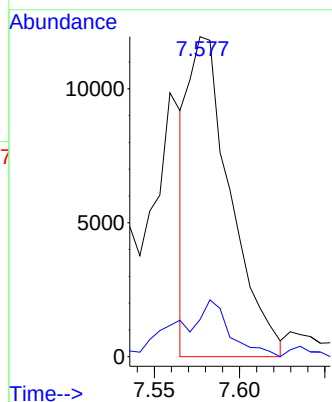
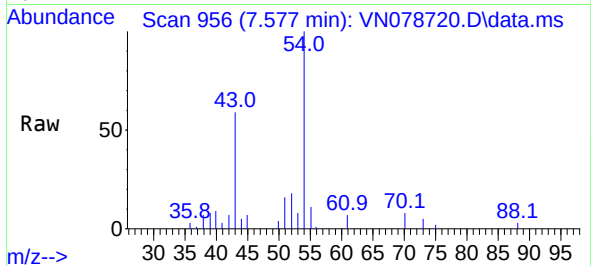




#43
Ethyl Acetate
Concen: 3.474 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

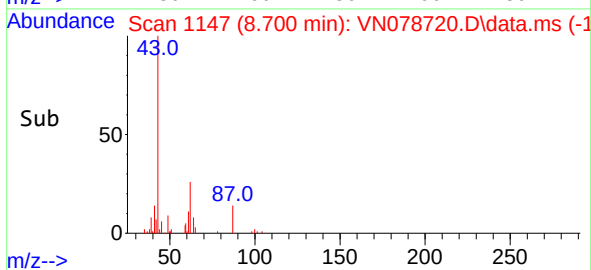
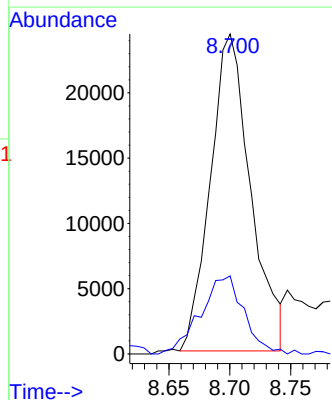
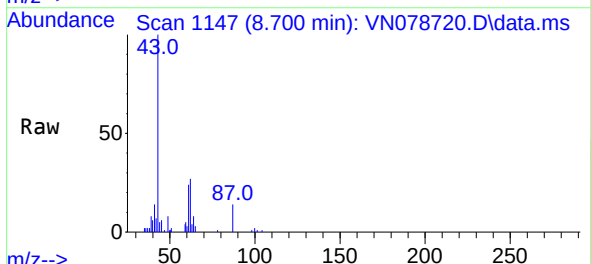
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

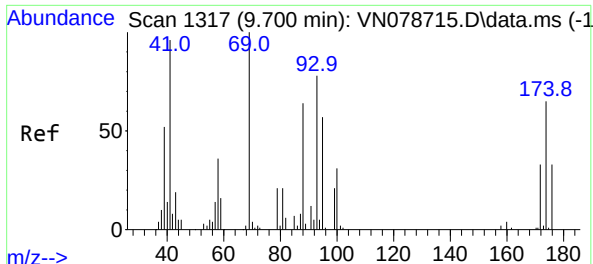
Tgt Ion: 43 Resp: 20631
Ion Ratio Lower Upper
43 100
45 12.7 10.9 16.3



#44
Isopropyl Acetate
Concen: 5.381 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 43 Resp: 55907
Ion Ratio Lower Upper
43 100
61 26.4 23.0 34.6

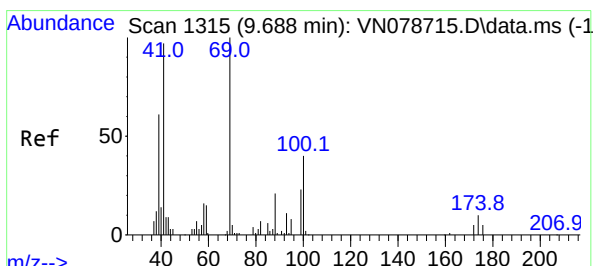
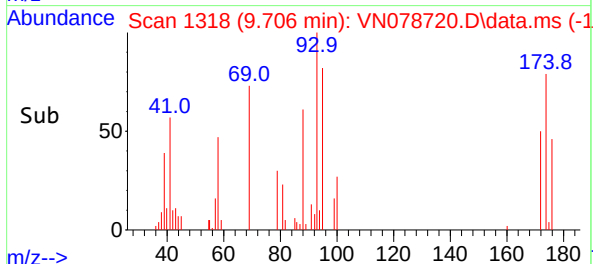
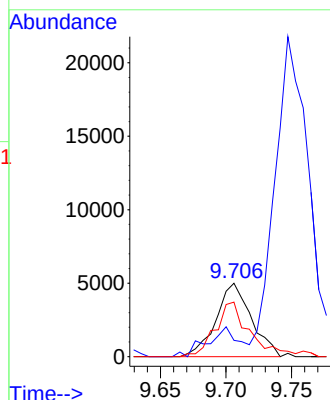
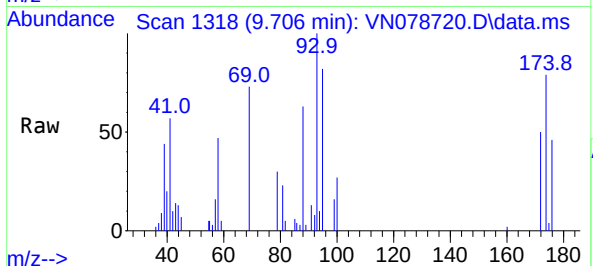




#45
1,4-Dioxane
Concen: 100.125 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

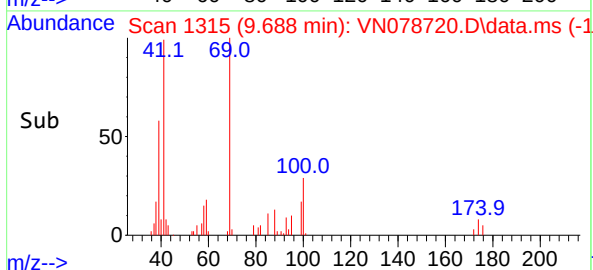
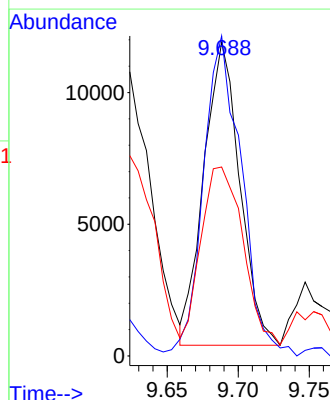
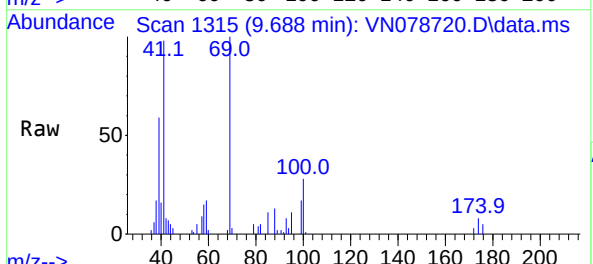
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

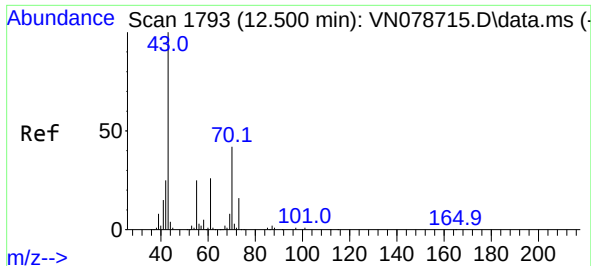
Tgt Ion: 88 Resp: 9340
Ion Ratio Lower Upper
88 100
43 9.1 19.0 28.6#
58 72.2 48.2 72.2



#46
Methyl methacrylate
Concen: 4.369 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

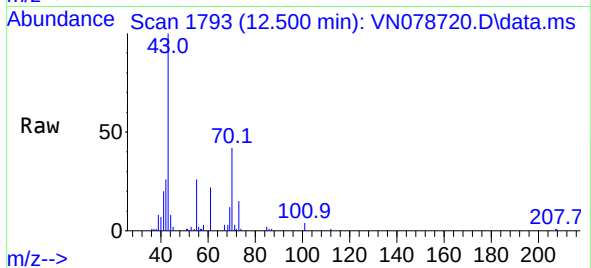
Tgt Ion: 41 Resp: 20269
Ion Ratio Lower Upper
41 100
69 103.0 49.0 147.0
39 58.7 31.6 94.8



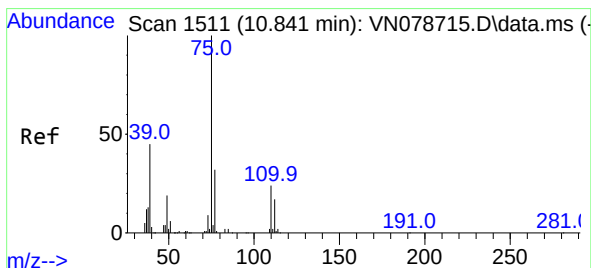
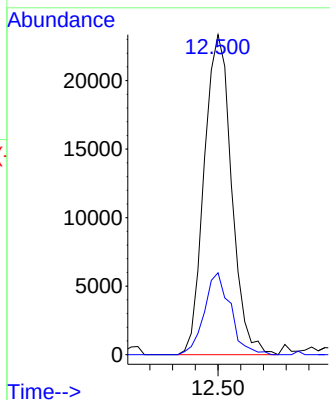
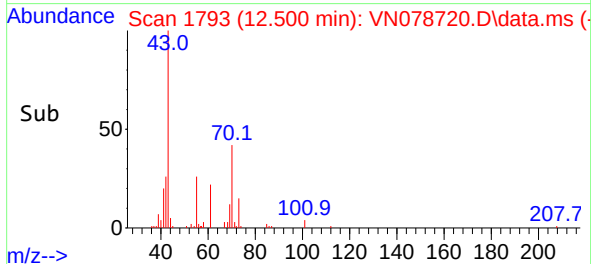


#47
n-amyl acetate
Concen: 5.142 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

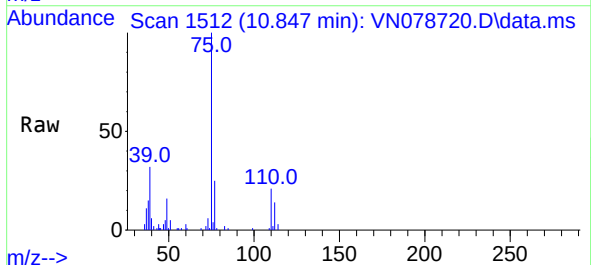
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



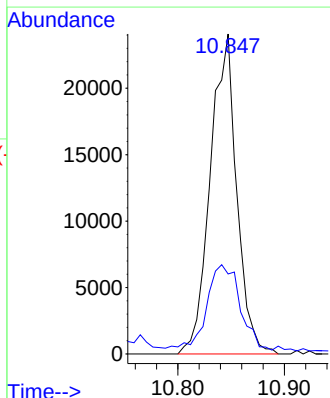
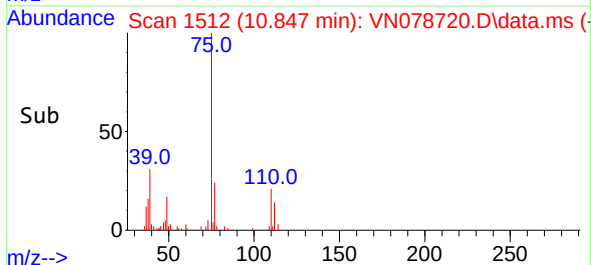
Tgt Ion: 43 Resp: 39082
Ion Ratio Lower Upper
43 100
55 24.6 21.5 32.3

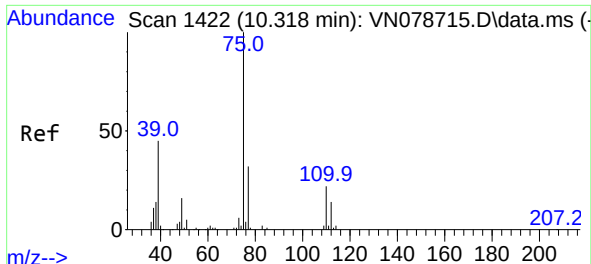


#48
t-1,3-Dichloropropene
Concen: 4.868 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 75 Resp: 41515
Ion Ratio Lower Upper
75 100
77 22.8 26.1 39.1#





#49

cis-1,3-Dichloropropene

Concen: 4.868 ug/l

RT: 10.324 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

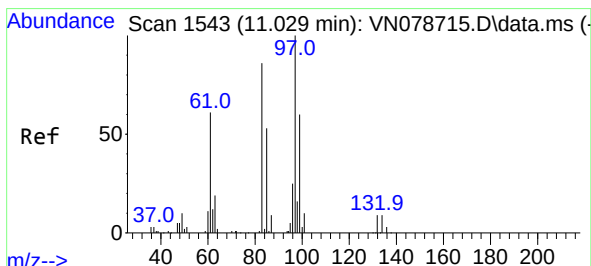
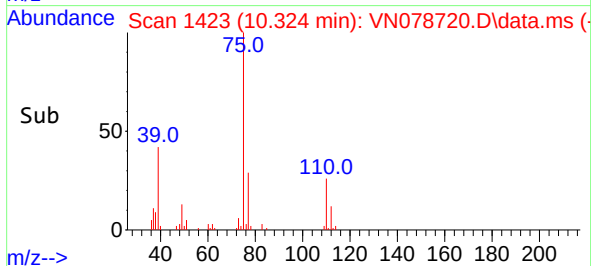
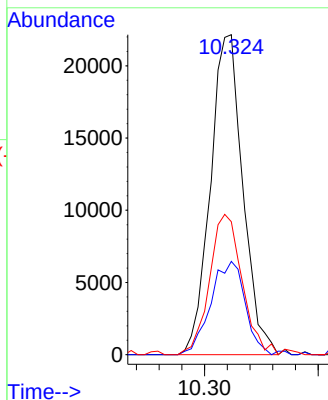
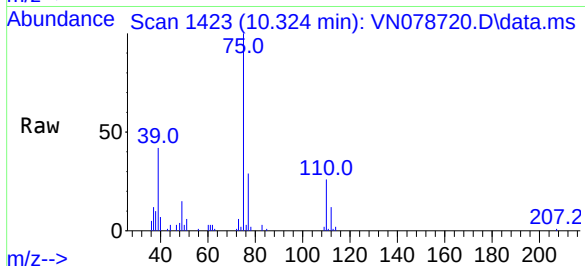
Tgt Ion: 75 Resp: 43984

Ion Ratio Lower Upper

75 100

77 29.2 24.0 36.0

39 41.5 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 4.959 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.005 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion: 97 Resp: 28606

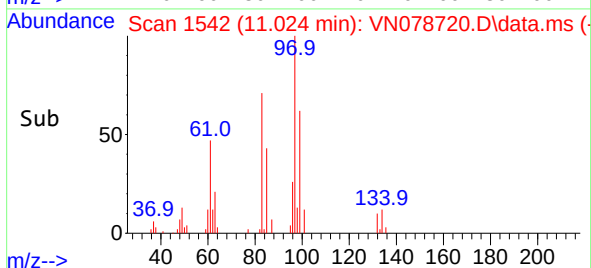
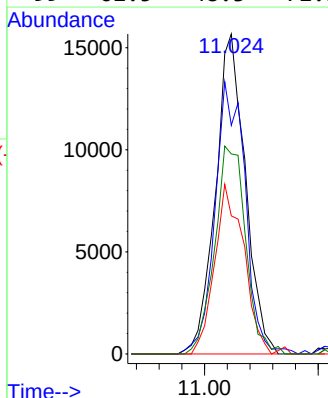
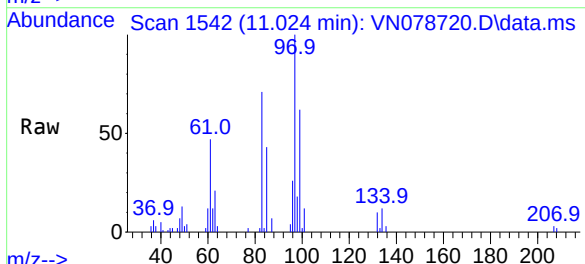
Ion Ratio Lower Upper

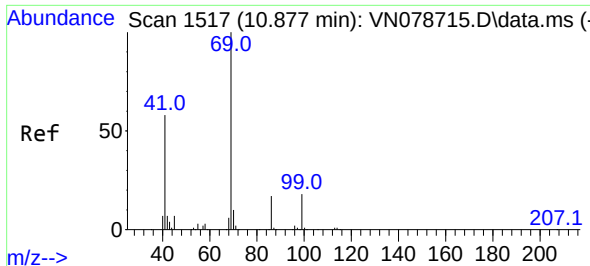
97 100

83 71.4 66.8 100.2

85 43.1 42.5 63.7

99 62.5 48.3 72.5

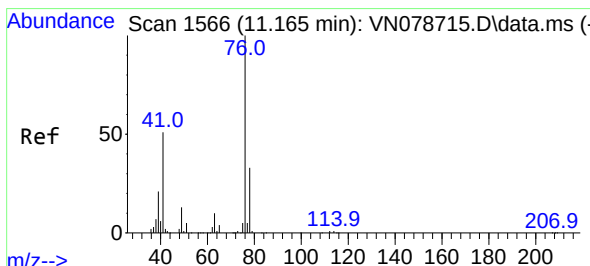
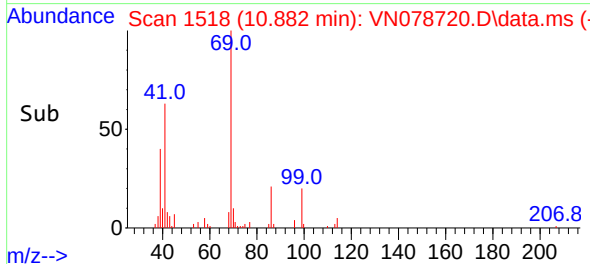
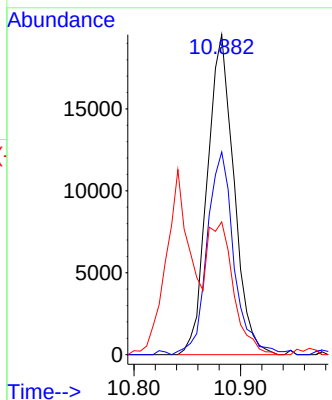
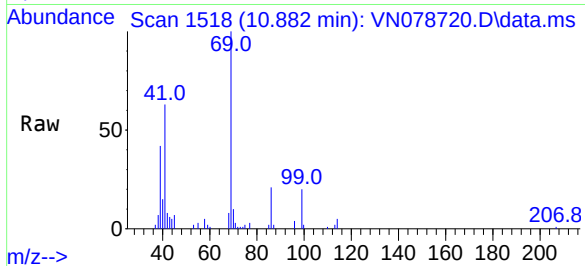




#51
Ethyl methacrylate
Concen: 4.395 ug/l
RT: 10.882 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

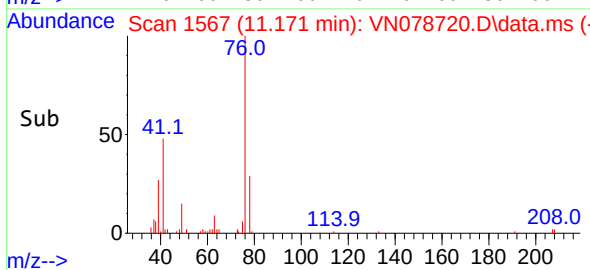
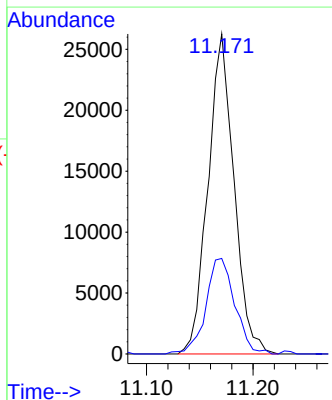
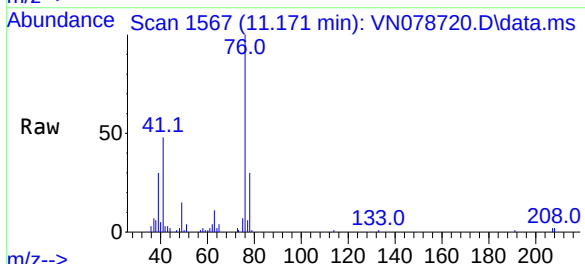
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

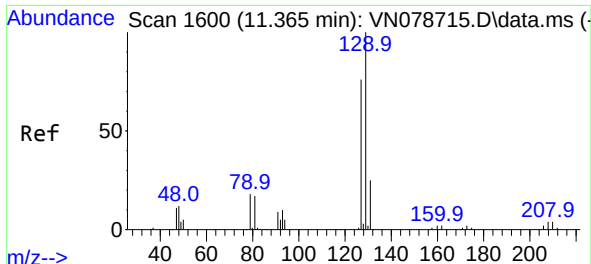
Tgt Ion:	69	Resp:	33901
Ion	Ratio	Lower	Upper
69	100		
41	62.4	26.0	78.0
39	41.5	16.3	48.9



#52
1,3-Dichloropropane
Concen: 4.254 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:	76	Resp:	44575
Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	66.2

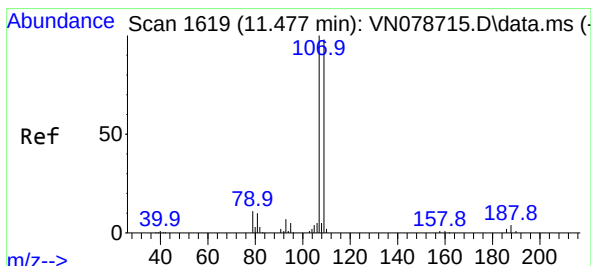
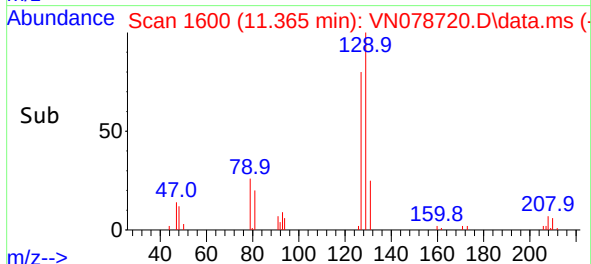
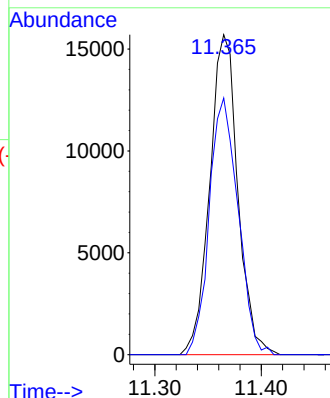
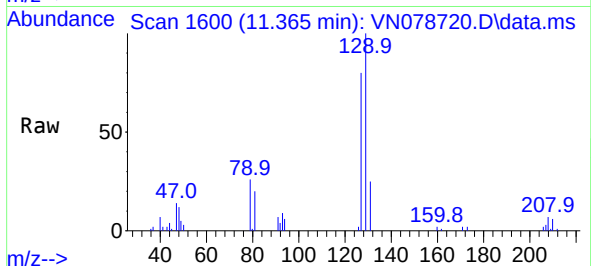




#53
Dibromochloromethane
Concen: 4.514 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

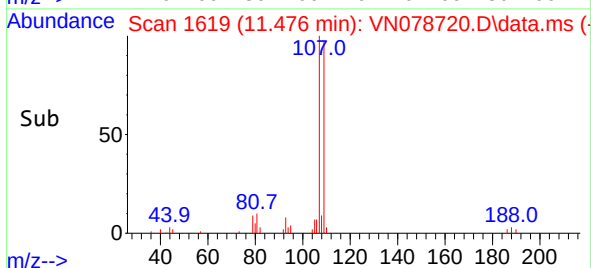
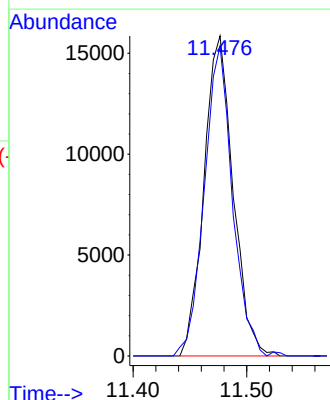
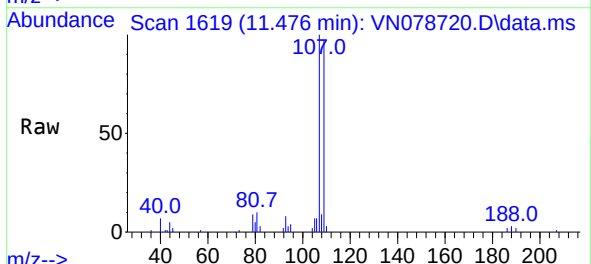
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

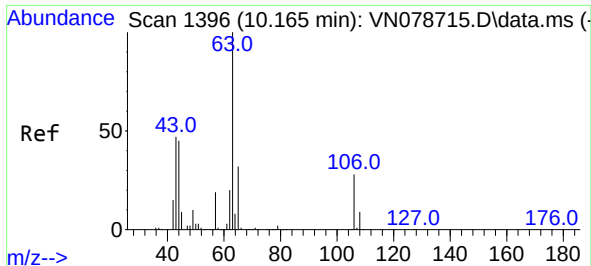
Tgt Ion:129 Resp: 28788
Ion Ratio Lower Upper
129 100
127 82.0 39.4 118.1



#54
1,2-Dibromoethane
Concen: 4.973 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:107 Resp: 28322
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

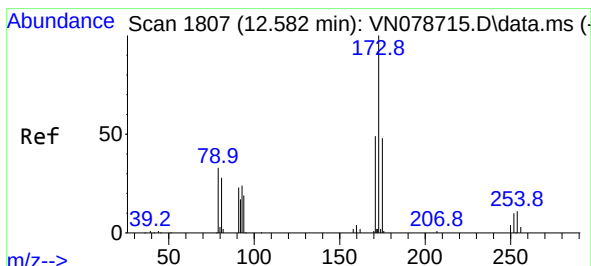
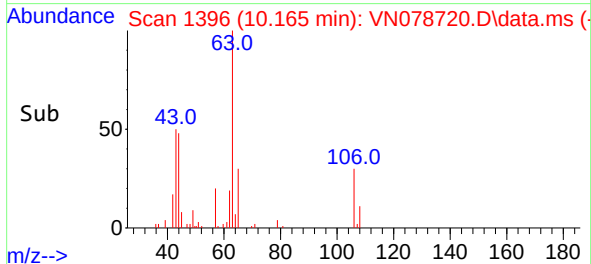
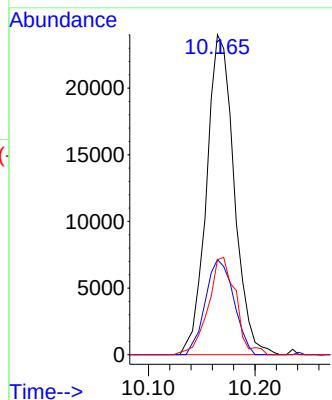
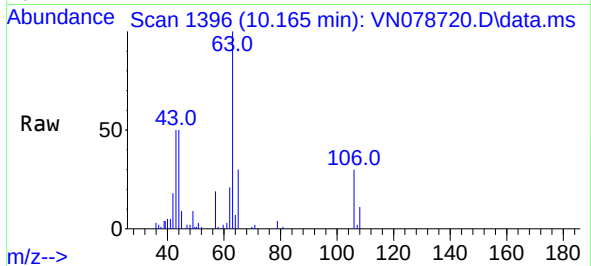




#55
2-Chloroethyl vinyl ether
Concen: 17.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

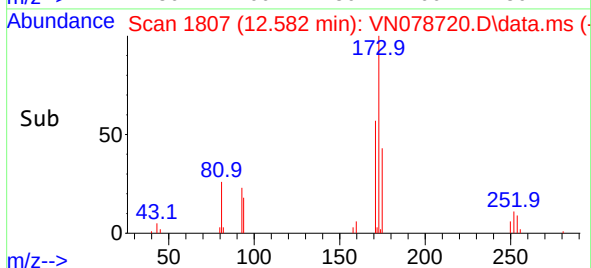
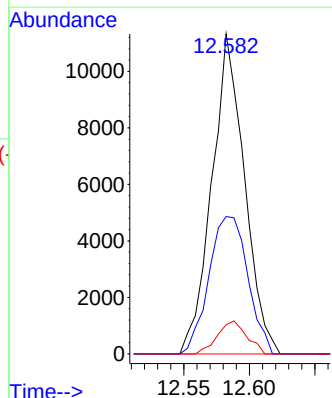
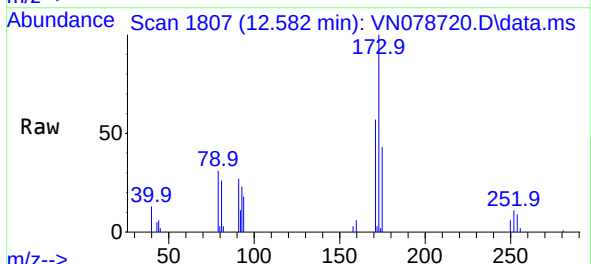
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

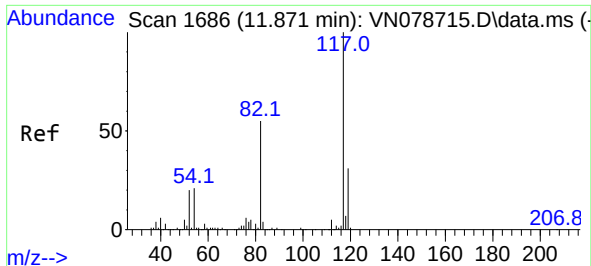
Tgt Ion: 63 Resp: 43316
Ion Ratio Lower Upper
63 100
65 30.6 26.3 39.5
106 29.4 23.8 35.6



#56
Bromoform
Concen: 4.884 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

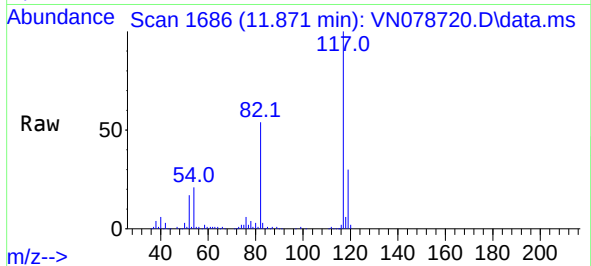
Tgt Ion:173 Resp: 19607
Ion Ratio Lower Upper
173 100
175 51.2 40.7 61.1
254 9.2 6.5 9.7



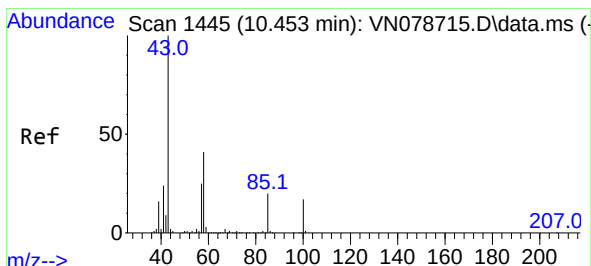
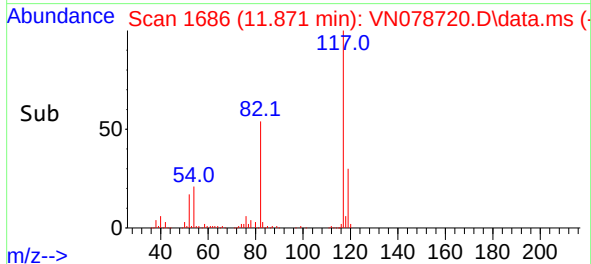
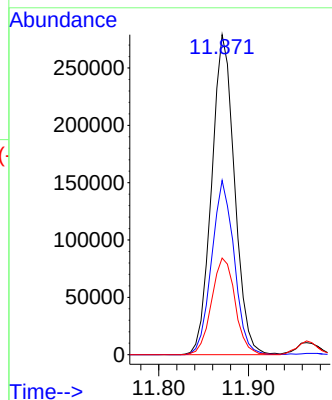


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

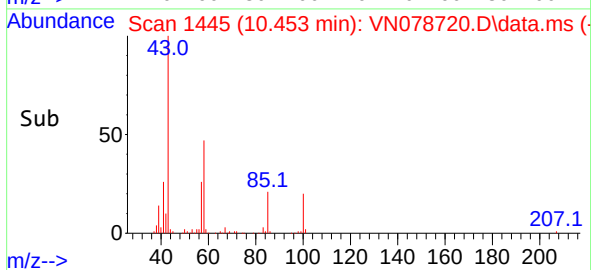
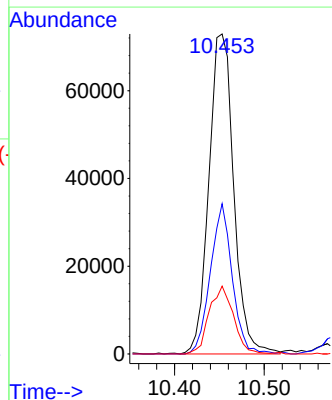
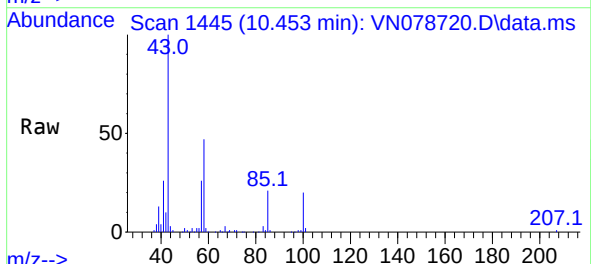


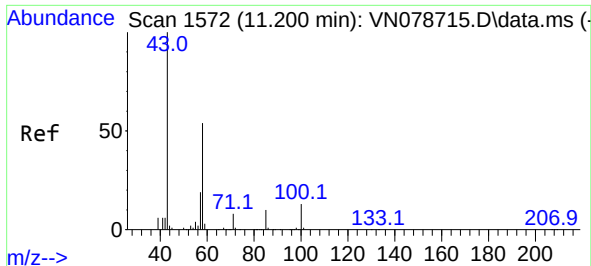
Tgt Ion:117 Resp: 494333
Ion Ratio Lower Upper
117 100
82 53.7 43.9 65.9
119 31.2 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 22.133 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 43 Resp: 140358
Ion Ratio Lower Upper
43 100
58 41.0 32.6 48.8
85 20.8 16.2 24.2

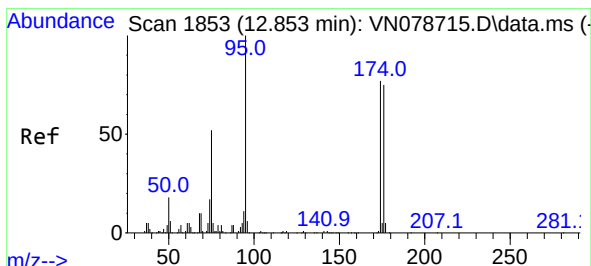
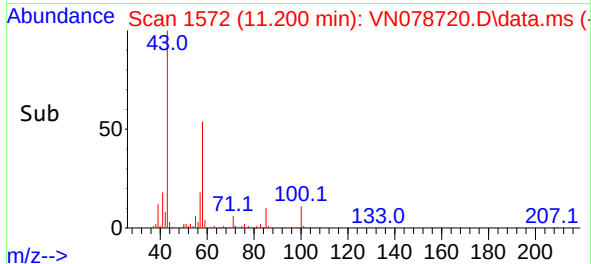
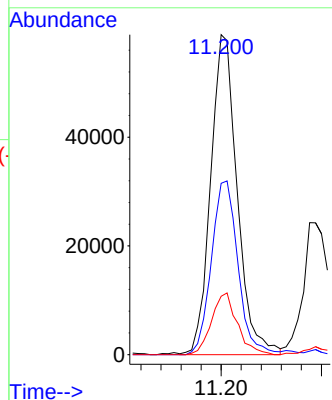
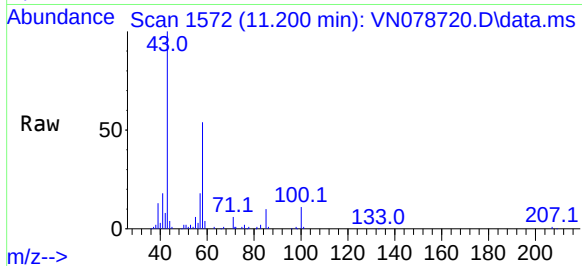




#59
2-Hexanone
Concen: 22.467 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

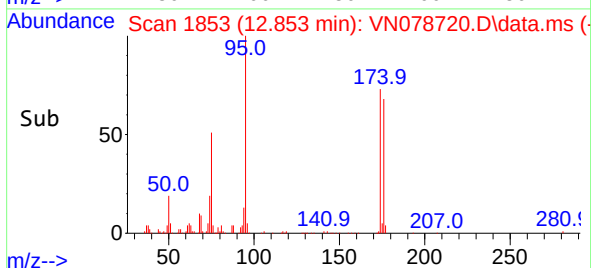
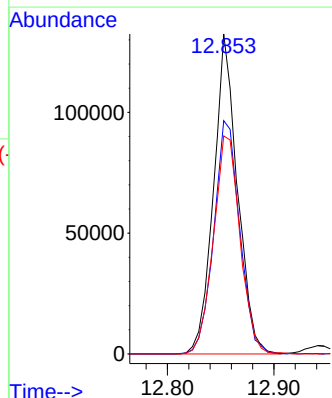
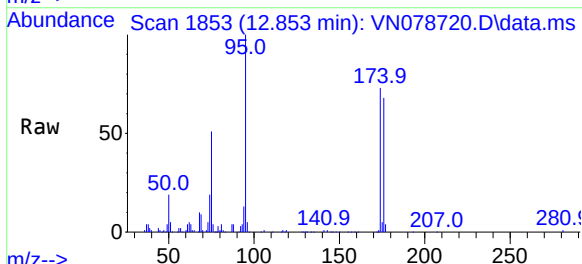
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

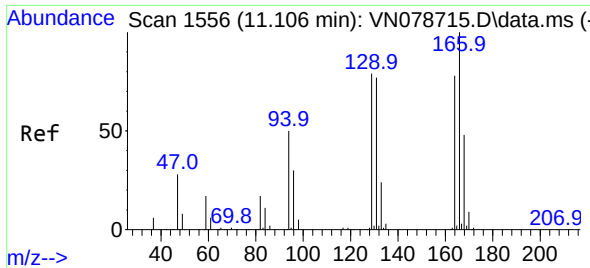
Tgt Ion: 43 Resp: 108149
Ion Ratio Lower Upper
43 100
58 54.4 45.9 68.9
57 18.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 28.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 95 Resp: 205343
Ion Ratio Lower Upper
95 100
174 79.3 61.7 92.5
176 76.1 58.1 87.1

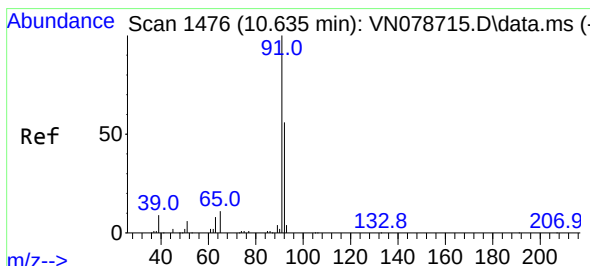
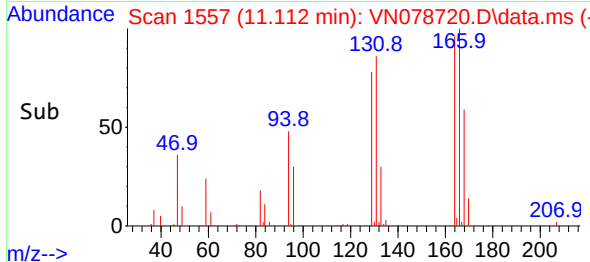
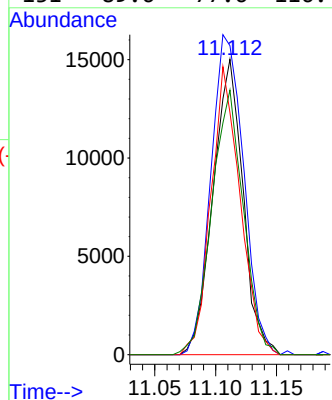
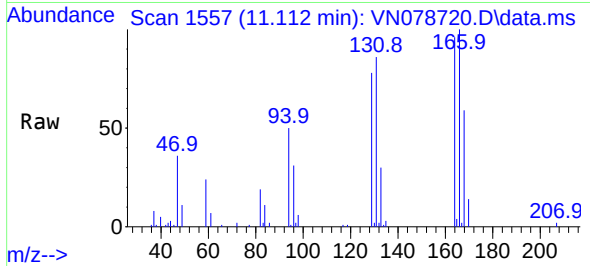




#61
Tetrachloroethene
Concen: 4.546 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

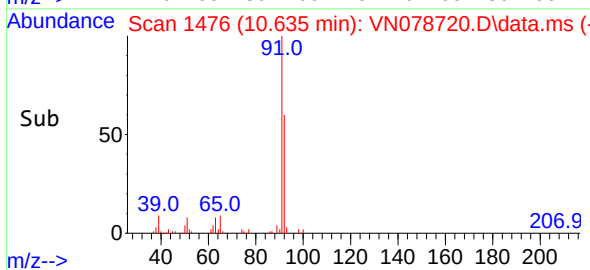
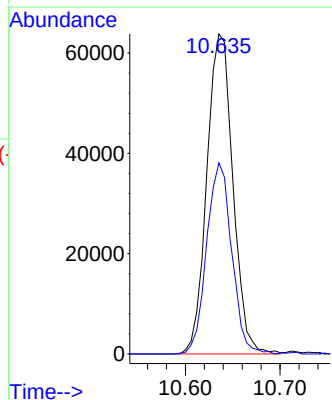
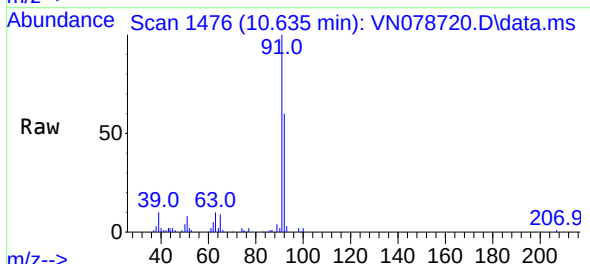
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

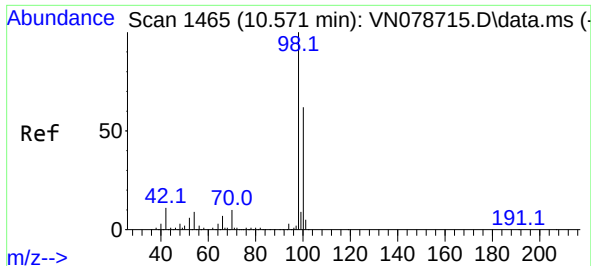
Tgt Ion:164 Resp: 25696
Ion Ratio Lower Upper
164 100
166 104.6 99.1 148.7
129 82.0 85.6 128.4#
131 89.6 77.6 116.4



#62
Toluene
Concen: 4.812 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 91 Resp: 122093
Ion Ratio Lower Upper
91 100
92 57.3 45.2 67.8

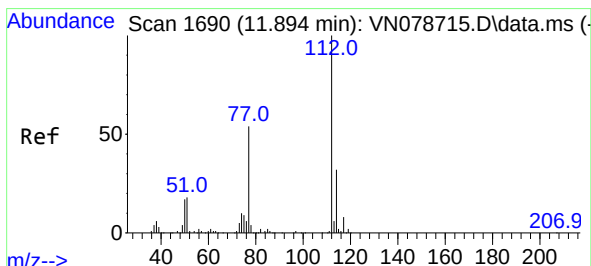
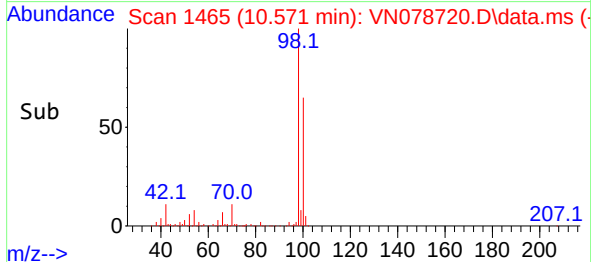
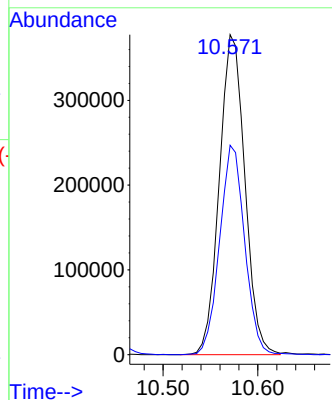
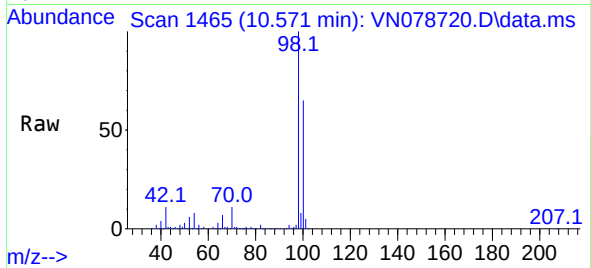




#63
Toluene-d8
Concen: 28.856 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

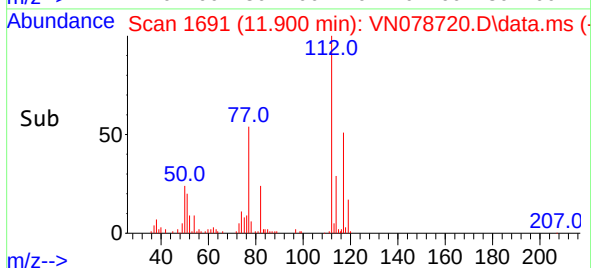
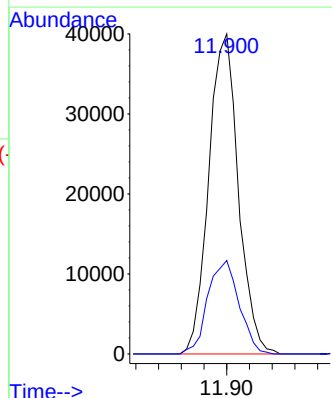
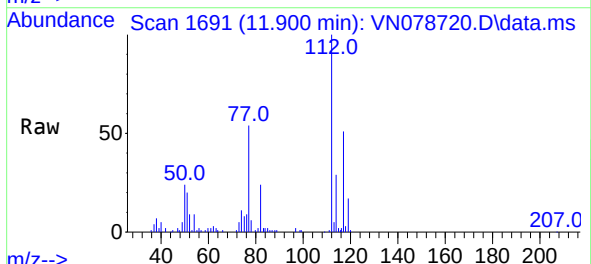
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

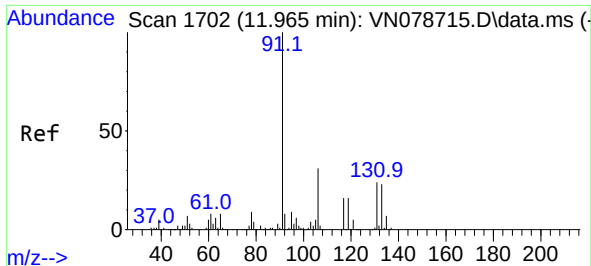
Tgt Ion: 98 Resp: 706428
Ion Ratio Lower Upper
98 100
100 64.4 49.7 74.5



#64
Chlorobenzene
Concen: 4.939 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 112 Resp: 72443
Ion Ratio Lower Upper
112 100
114 29.2 25.9 38.9

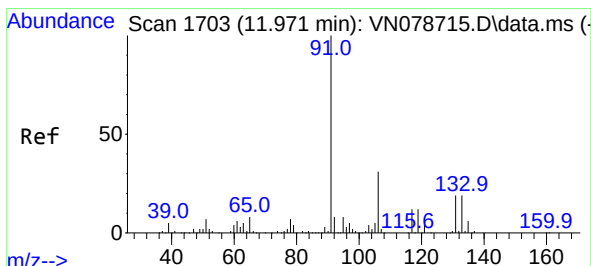
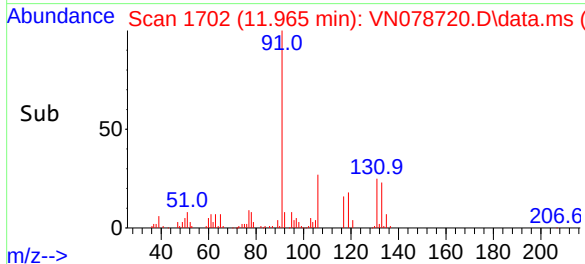
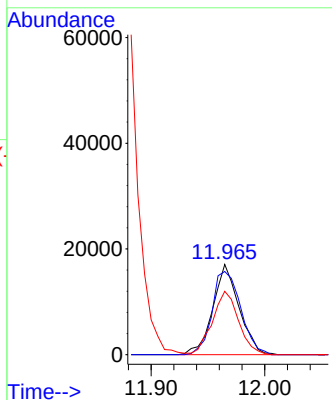
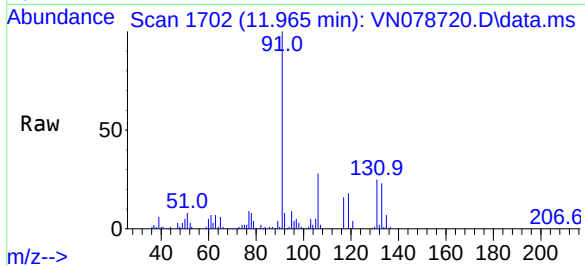




#65
1,1,1,2-Tetrachloroethane
Concen: 4.713 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

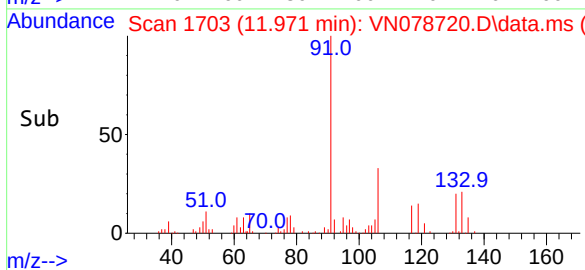
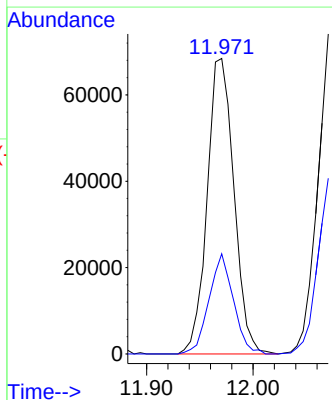
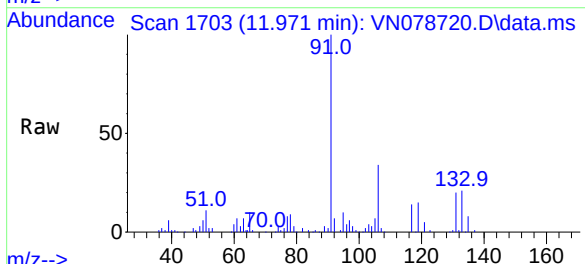
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

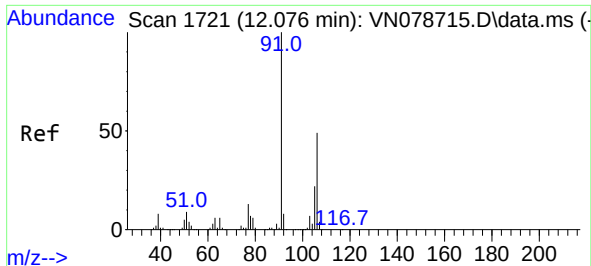
Tgt Ion:131 Resp: 27445
Ion Ratio Lower Upper
131 100
133 100.6 0.0 191.8
119 70.5 0.0 132.0



#66
Ethyl Benzene
Concen: 4.770 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 91 Resp: 119643
Ion Ratio Lower Upper
91 100
106 33.9 25.6 38.4

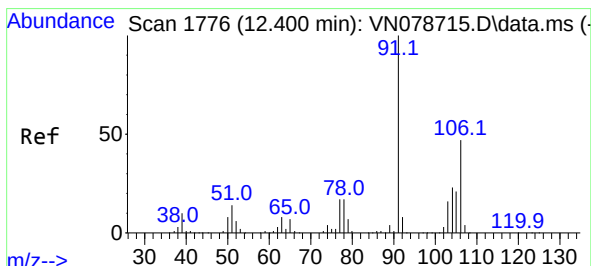
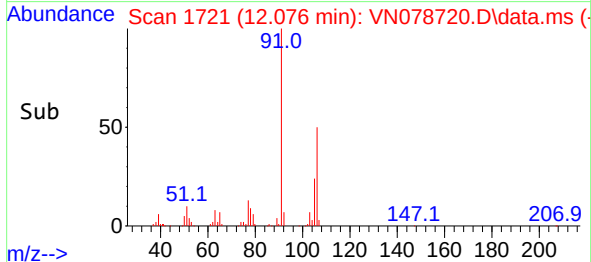
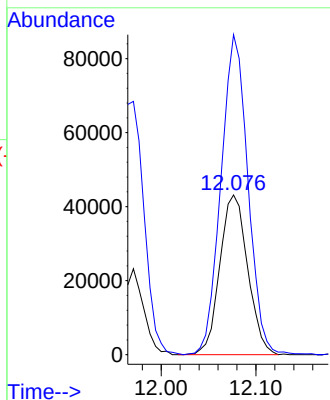
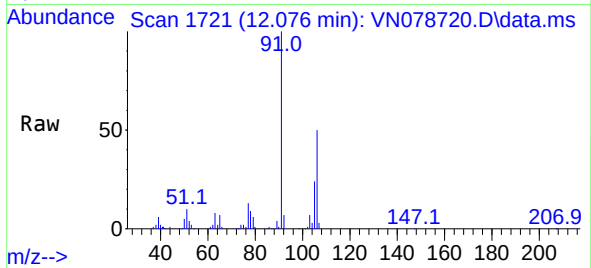




#67
m/p-Xylenes
Concen: 9.244 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

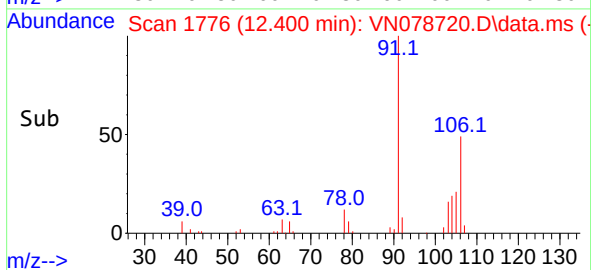
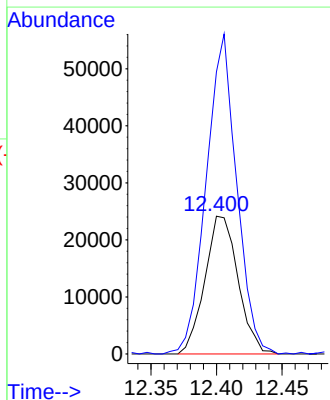
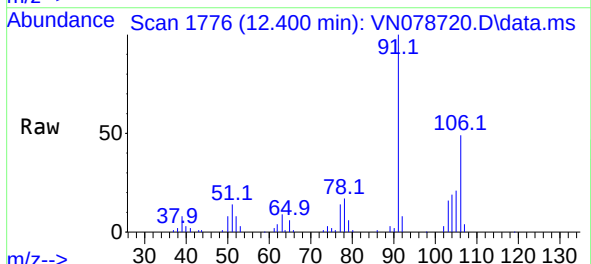
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

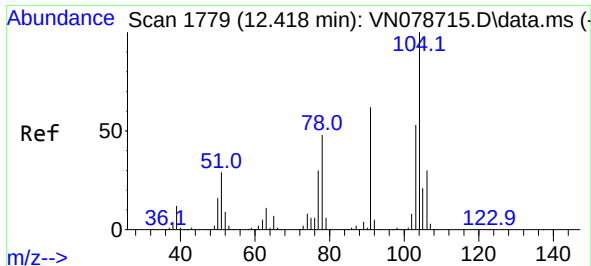
Tgt Ion:106 Resp: 88246
Ion Ratio Lower Upper
106 100
91 194.1 162.5 243.7



#68
o-Xylene
Concen: 4.463 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:106 Resp: 42572
Ion Ratio Lower Upper
106 100
91 212.6 106.1 318.3

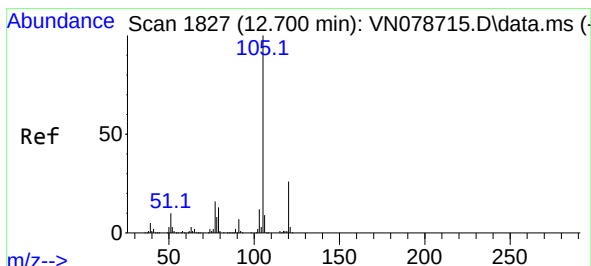
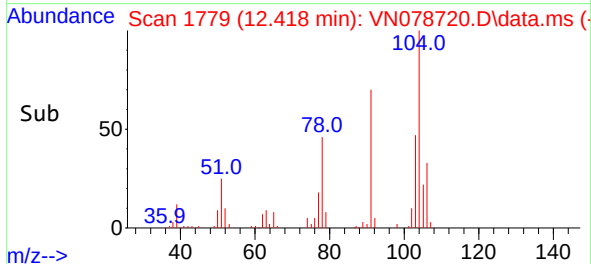
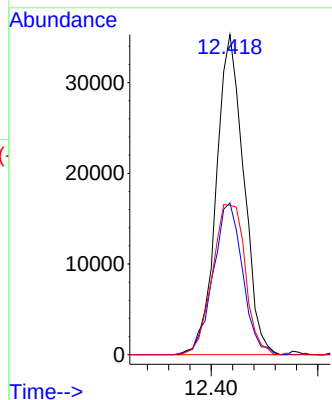
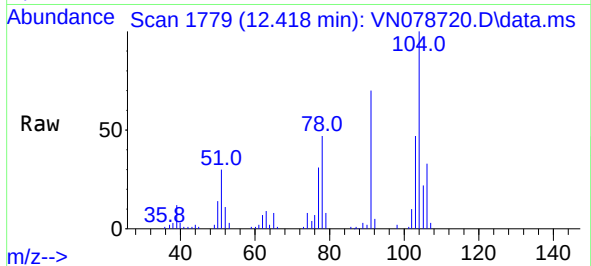




#69
Styrene
Concen: 4.248 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

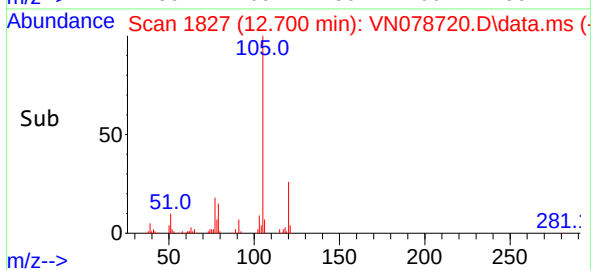
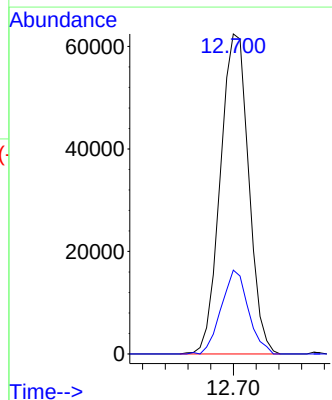
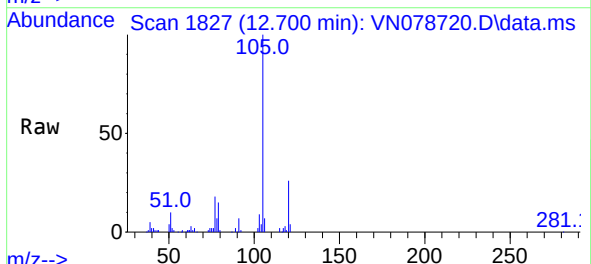
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

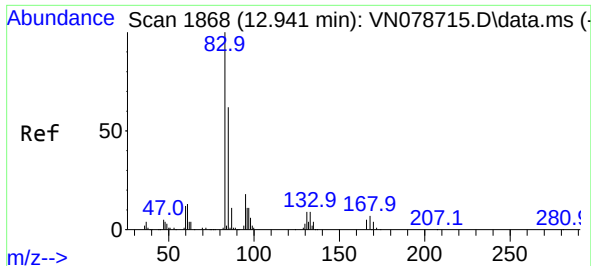
Tgt Ion:104 Resp: 63094
Ion Ratio Lower Upper
104 100
78 51.1 40.1 60.1
103 55.9 45.1 67.7



#70
Isopropylbenzene
Concen: 4.559 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:105 Resp: 108139
Ion Ratio Lower Upper
105 100
120 24.9 18.3 34.1

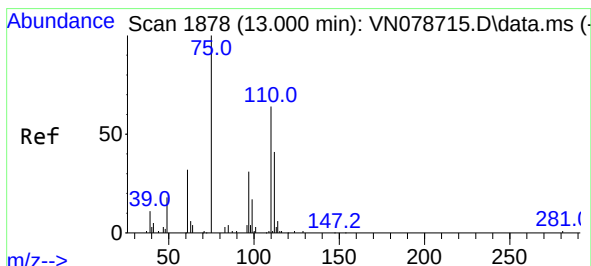
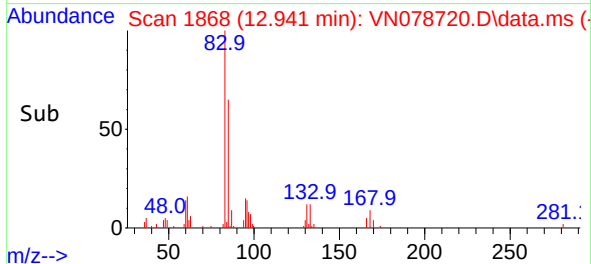
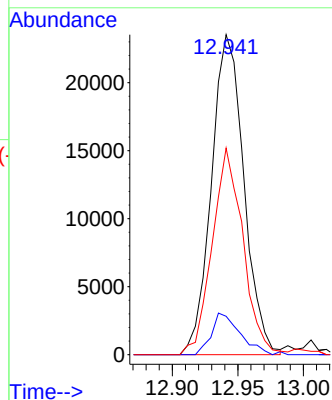
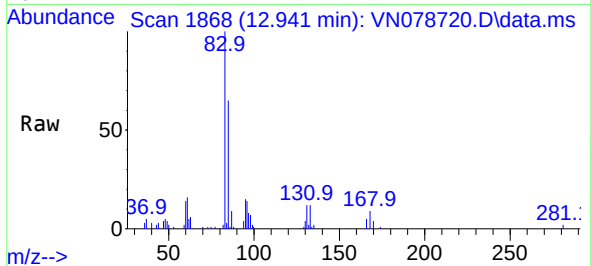




#71
1,1,2,2-Tetrachloroethane
Concen: 5.107 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

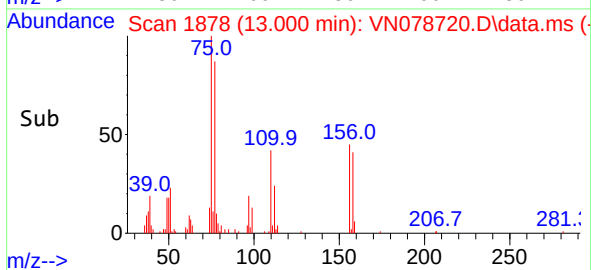
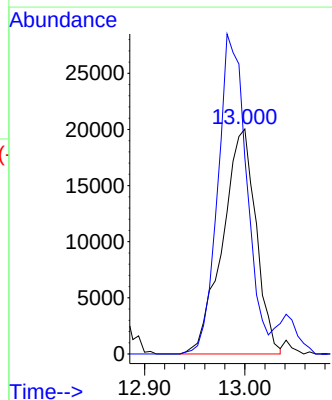
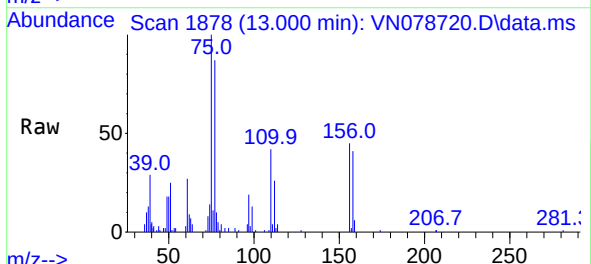
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

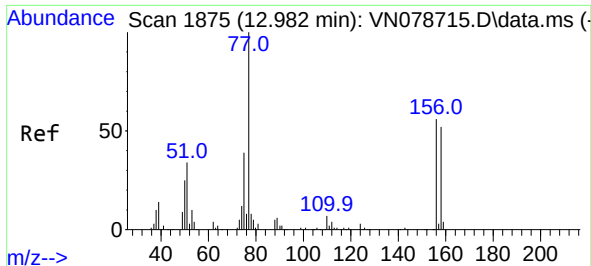
Tgt Ion: 83 Resp: 40544
Ion Ratio Lower Upper
83 100
131 11.4 4.8 14.4
85 61.1 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 6.178 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 75 Resp: 46485
Ion Ratio Lower Upper
75 100
77 122.1 0.0 387.4

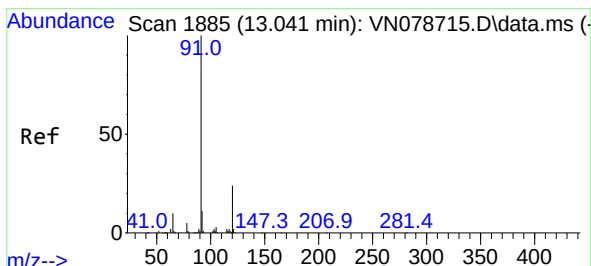
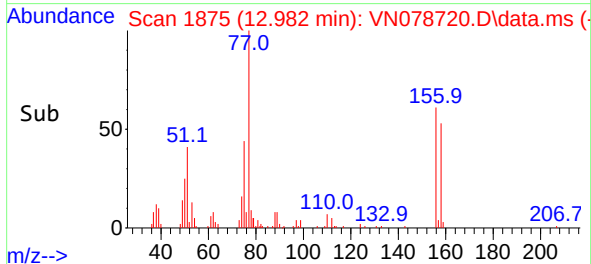
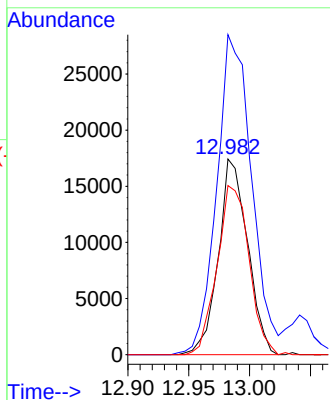
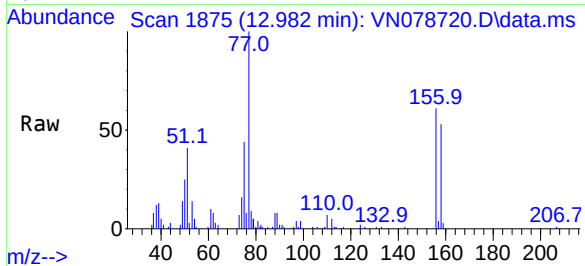




#73
Bromobenzene
Concen: 4.973 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

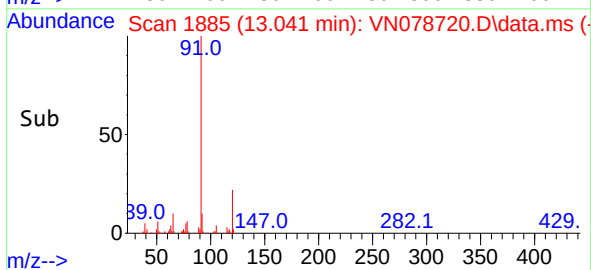
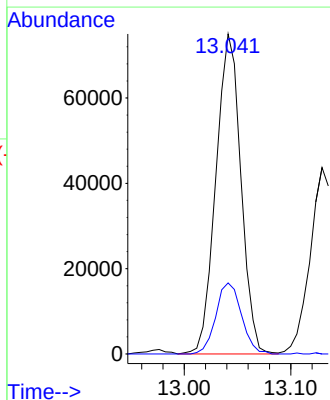
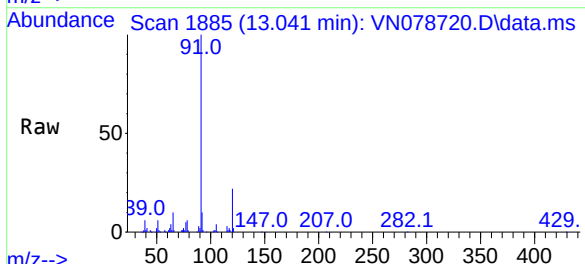
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

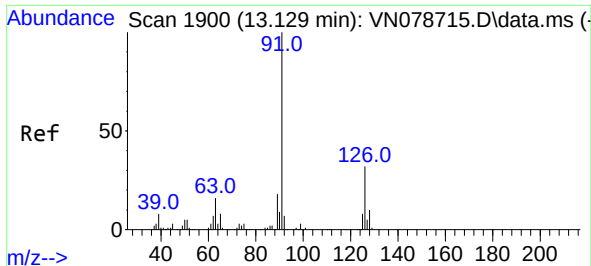
Tgt Ion:156 Resp: 29177
Ion Ratio Lower Upper
156 100
77 194.5 0.0 420.8
158 94.0 0.0 193.2



#74
n-propylbenzene
Concen: 4.657 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 91 Resp: 122191
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.6

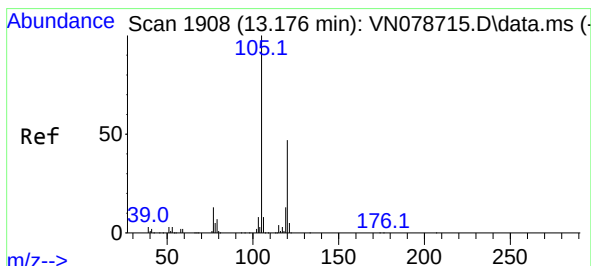
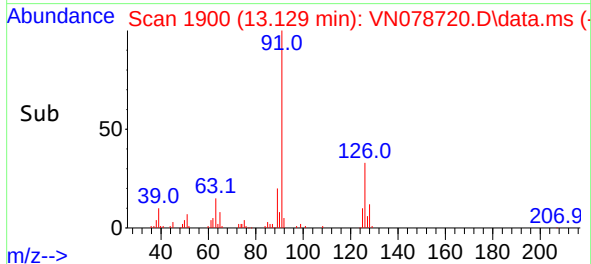
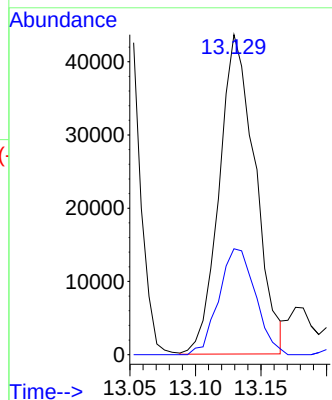
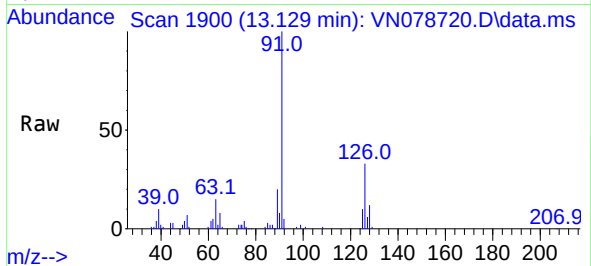




#75
2-Chlorotoluene
Concen: 4.980 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

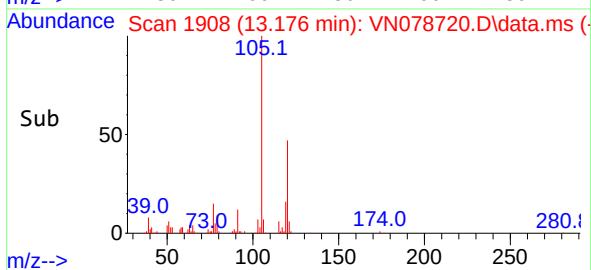
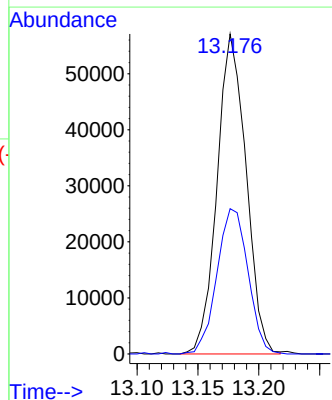
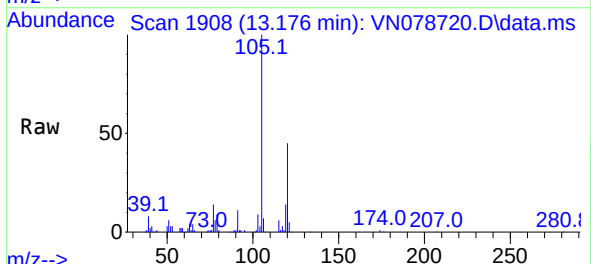
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

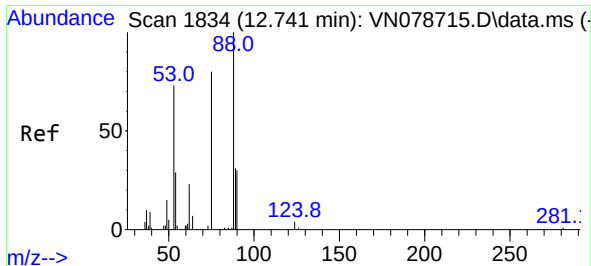
Tgt Ion: 91 Resp: 83067
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 4.846 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 105 Resp: 94562
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2

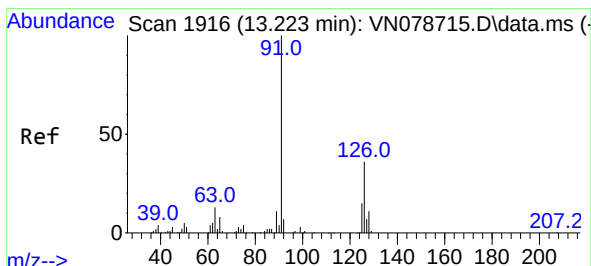
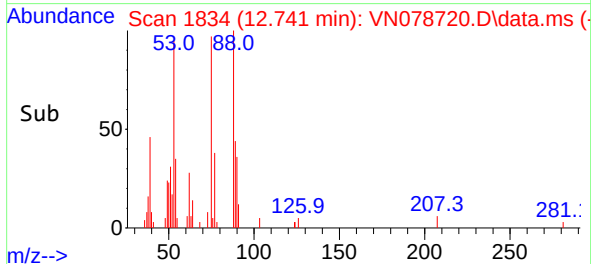
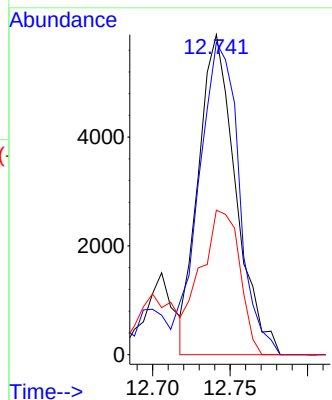
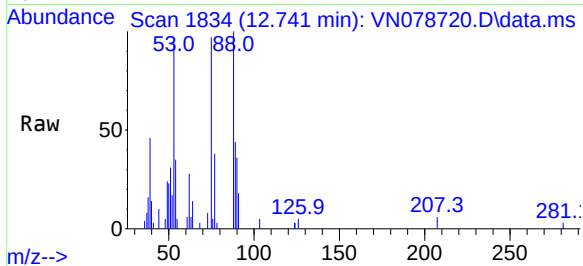




#77
t-1,4-Dichloro-2-butene
Concen: 4.454 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

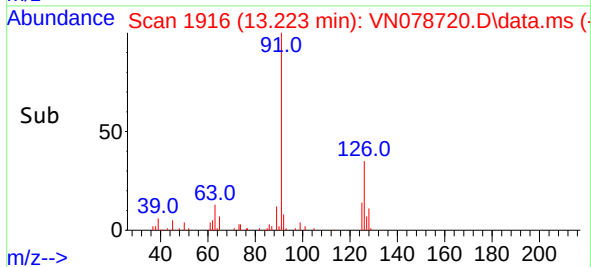
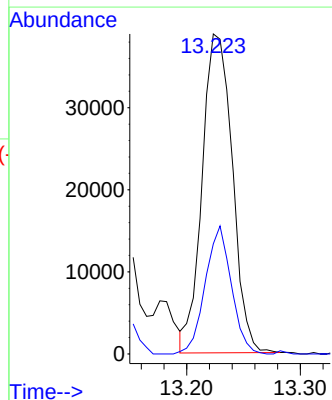
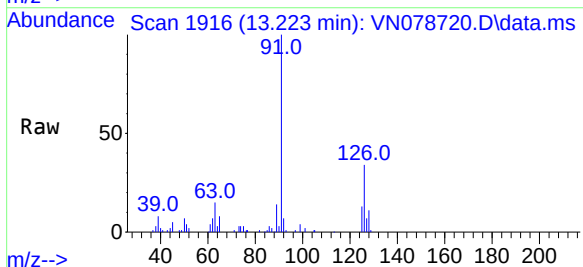
Instrument :
MSVOA_N
ClientSampleId :
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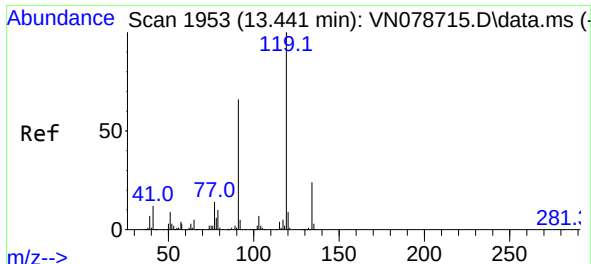
Tgt Ion: 75 Resp: 9830
Ion Ratio Lower Upper
75 100
53 97.6 41.6 124.9
89 45.1 25.1 75.4



#78
4-Chlorotoluene
Concen: 4.495 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 91 Resp: 71891
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.8

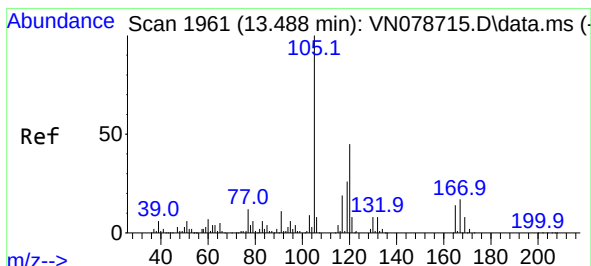
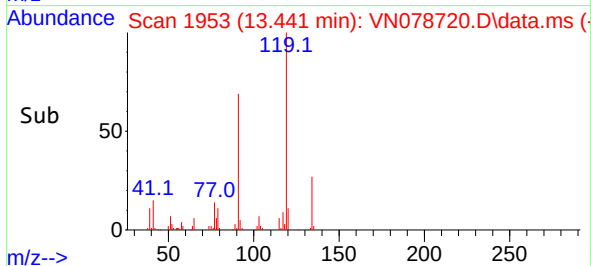
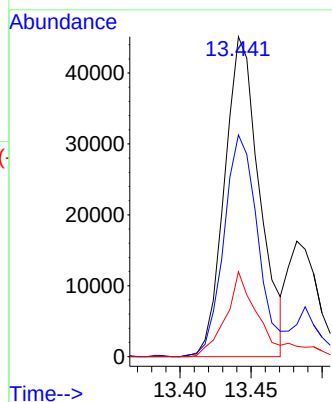
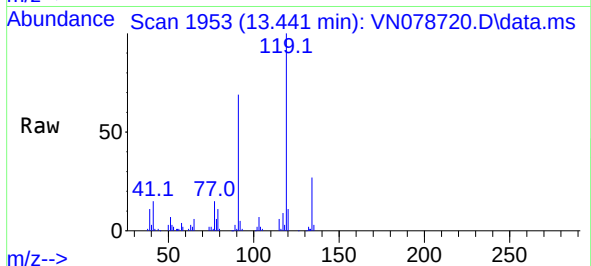




#79
tert-butylbenzene
Concen: 4.556 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

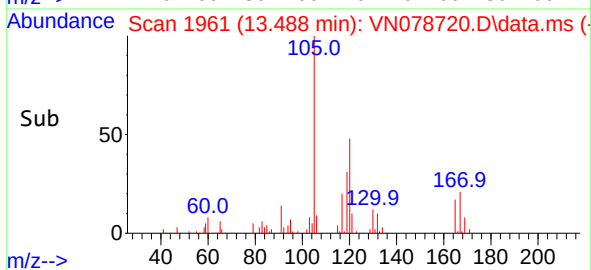
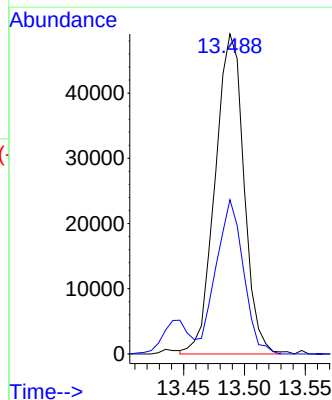
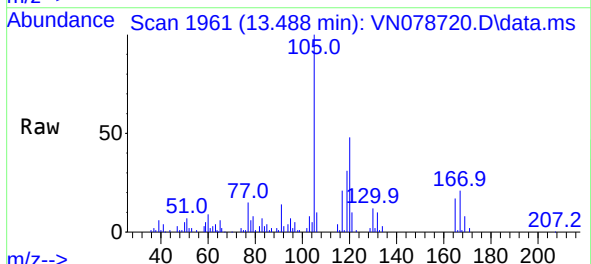
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

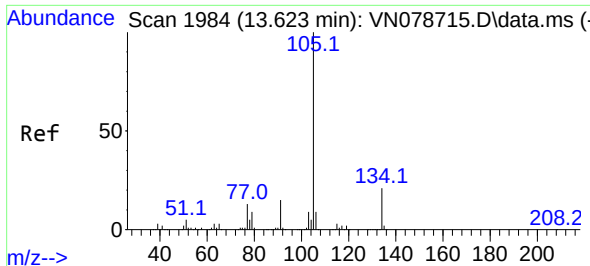
Tgt Ion:119 Resp: 77229
Ion Ratio Lower Upper
119 100
91 67.2 0.0 126.6
134 23.1 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 4.360 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:105 Resp: 80775
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.2

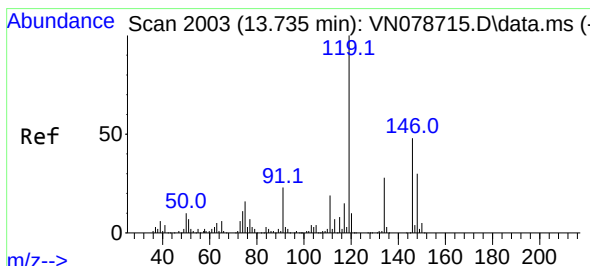
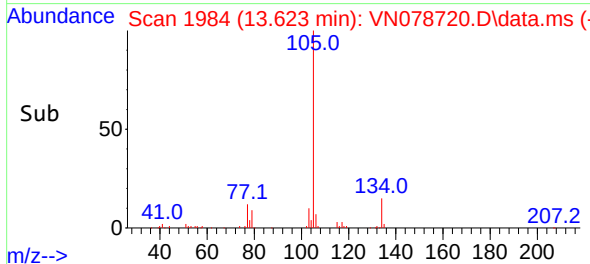
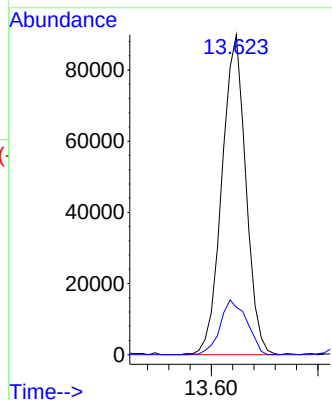
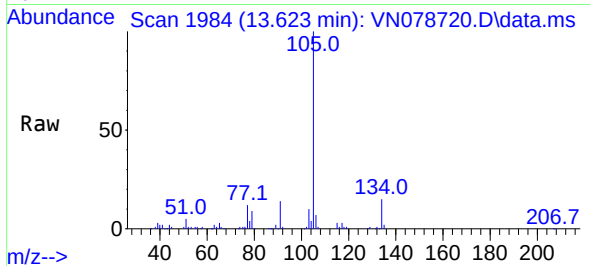




#81
sec-Butylbenzene
Concen: 6.493 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

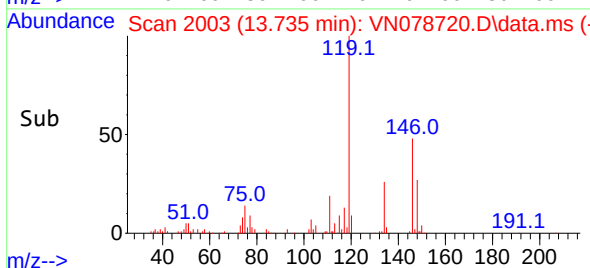
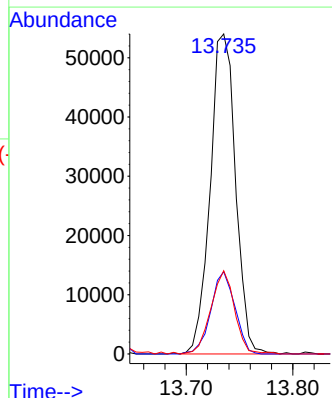
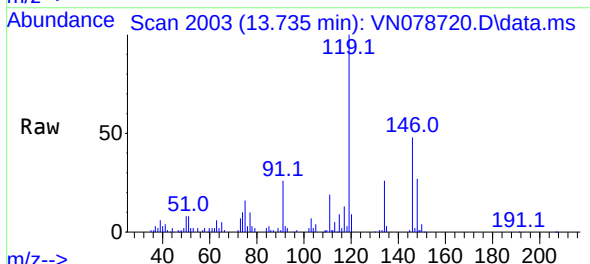
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

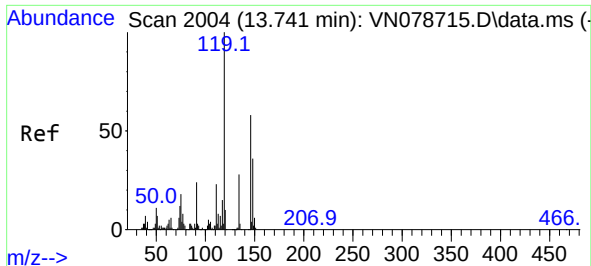
Tgt Ion:105 Resp: 140177
Ion Ratio Lower Upper
105 100
134 19.1 0.0 38.6



#82
p-Isopropyltoluene
Concen: 5.070 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:119 Resp: 89277
Ion Ratio Lower Upper
119 100
134 24.4 0.0 52.4
91 24.1 0.0 48.2

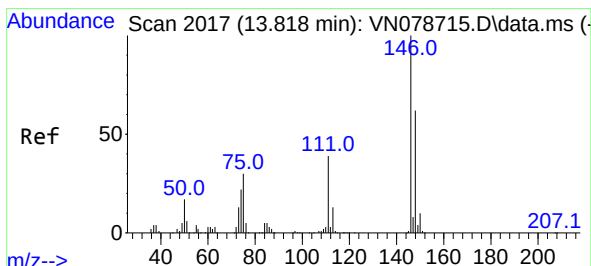
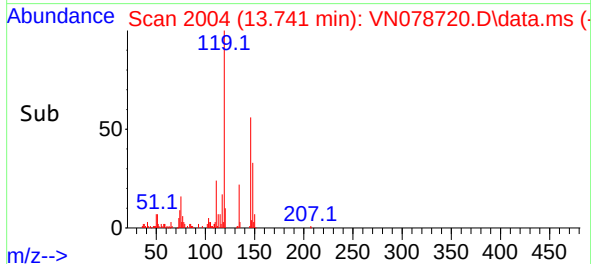
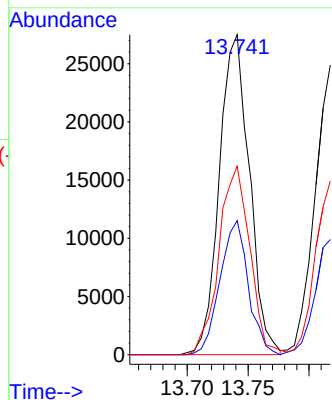
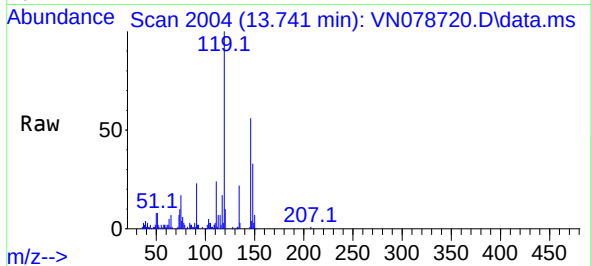




#83
1,3-Dichlorobenzene
Concen: 5.028 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

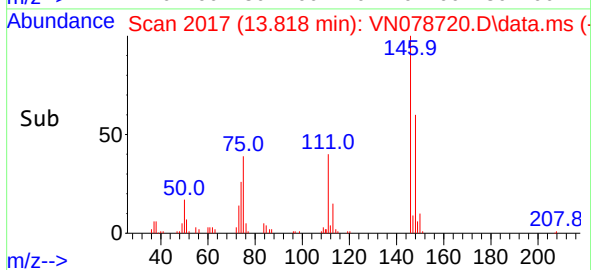
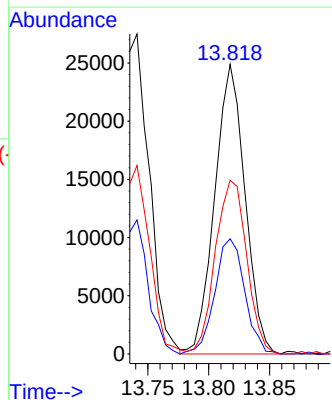
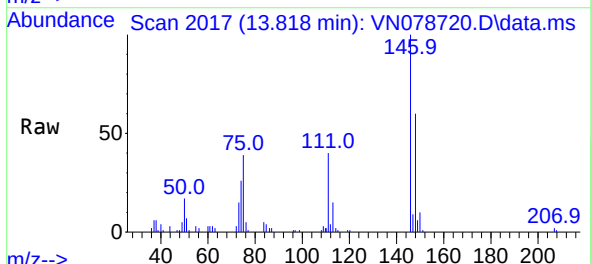
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

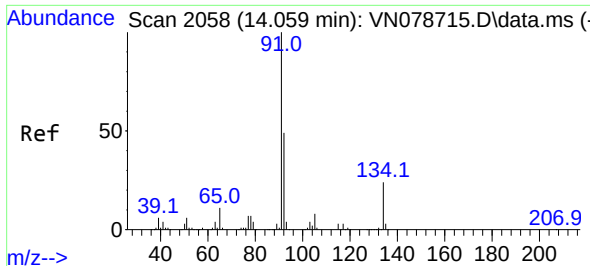
Tgt Ion:146 Resp: 47259
Ion Ratio Lower Upper
146 100
111 39.4 21.6 64.6
148 60.5 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 4.943 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:146 Resp: 43089
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 62.1 31.4 94.3

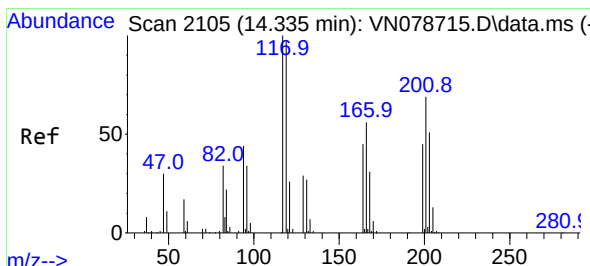
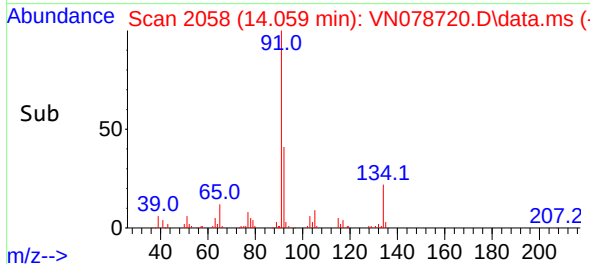
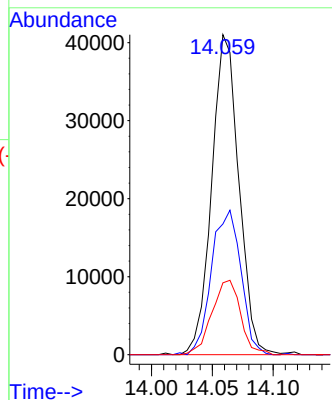
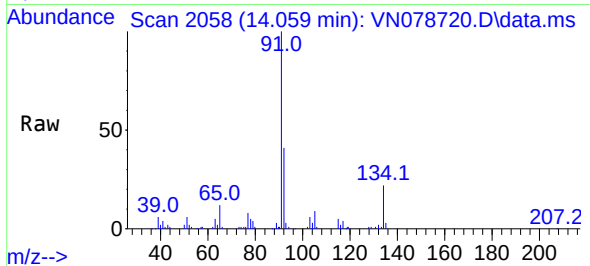




#85
n-Butylbenzene
Concen: 5.347 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

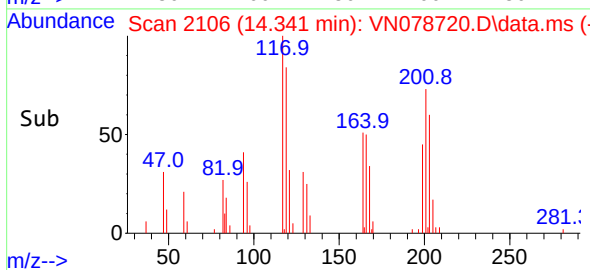
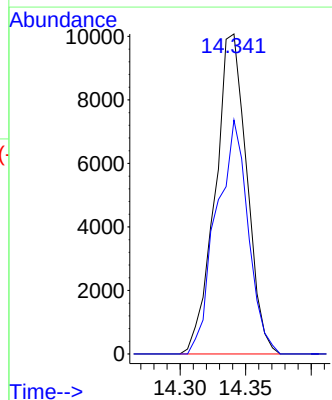
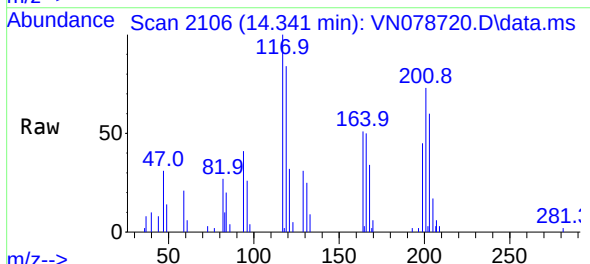
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

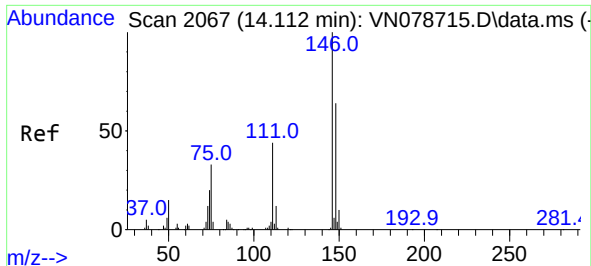
Tgt Ion:	91	Resp:	63670
Ion	Ratio	Lower	Upper
91	100		
92	48.8	0.0	99.6
134	24.6	0.0	50.0



#86
Hexachloroethane
Concen: 4.991 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:	117	Resp:	16898
Ion	Ratio	Lower	Upper
117	100		
201	73.7	34.2	102.6





#87

1,2-Dichlorobenzene

Concen: 4.897 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

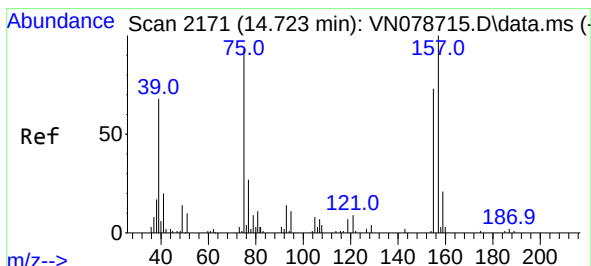
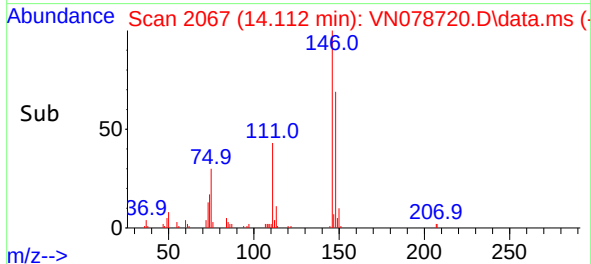
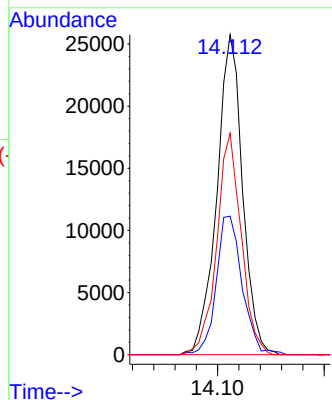
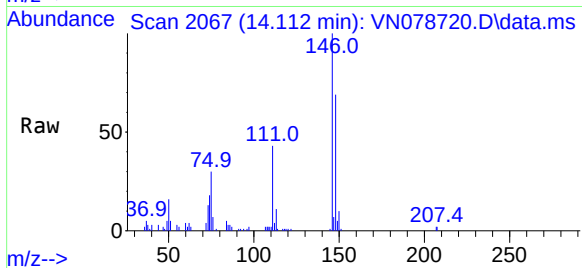
Tgt Ion:146 Resp: 43219

Ion Ratio Lower Upper

146 100

111 43.0 22.4 67.3

148 65.7 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.194 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

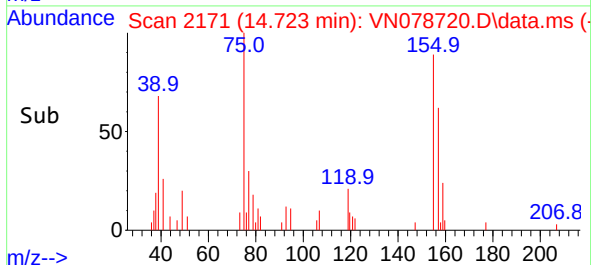
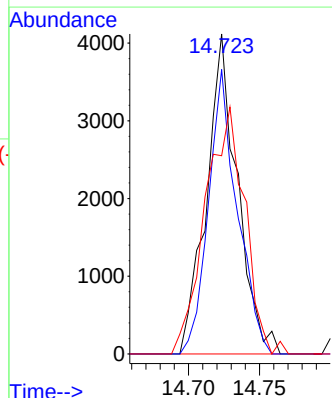
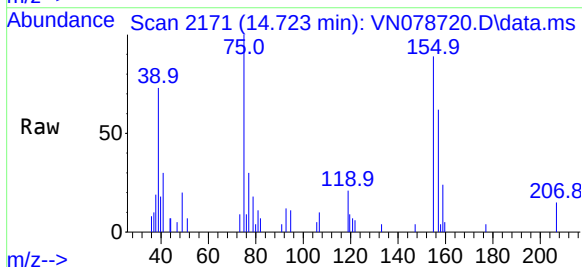
Tgt Ion: 75 Resp: 6242

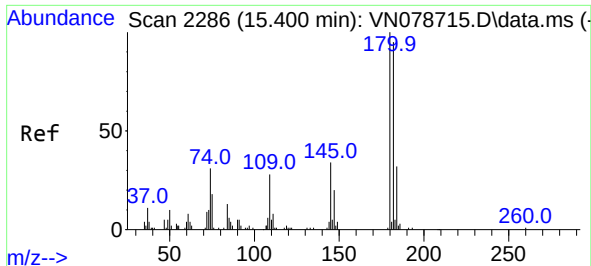
Ion Ratio Lower Upper

75 100

155 82.6 68.2 102.2

157 97.4 84.7 127.1

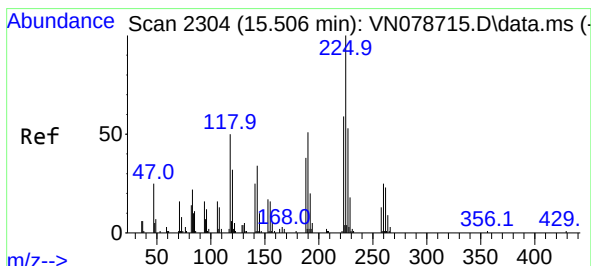
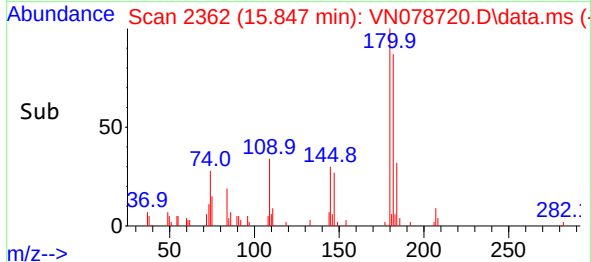
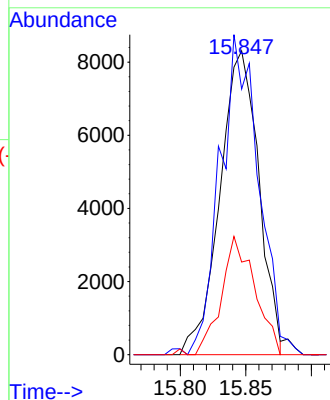
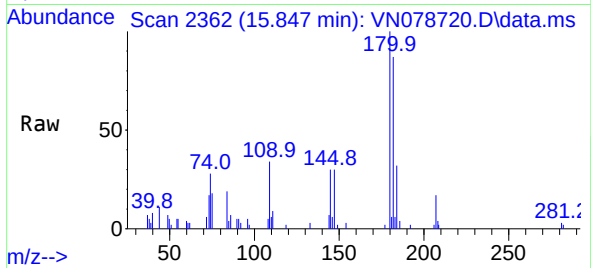




#89
1,2,4-Trichlorobenzene
Concen: 6.737 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.447 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

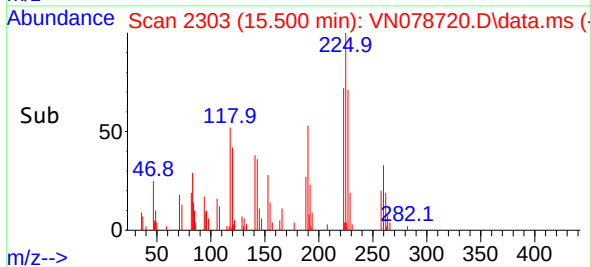
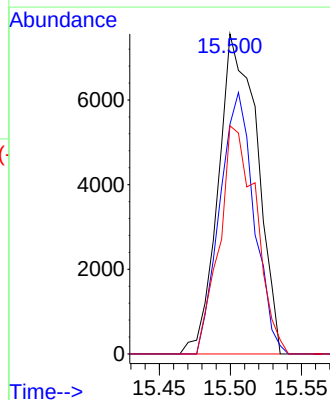
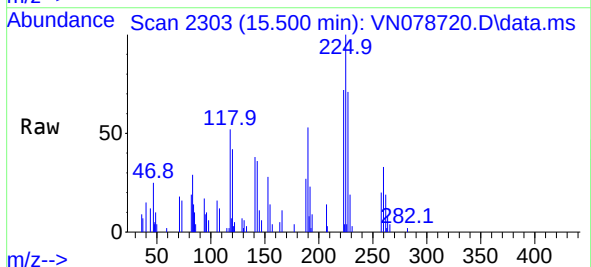
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

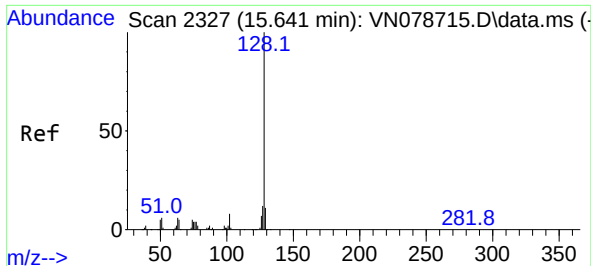
Tgt Ion:180 Resp: 17150
Ion Ratio Lower Upper
180 100
182 103.0 73.7 110.5
145 33.4 25.0 37.6



#90
Hexachlorobutadiene
Concen: 6.605 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:225 Resp: 14398
Ion Ratio Lower Upper
225 100
223 72.2 0.0 130.0
227 67.0 0.0 124.0

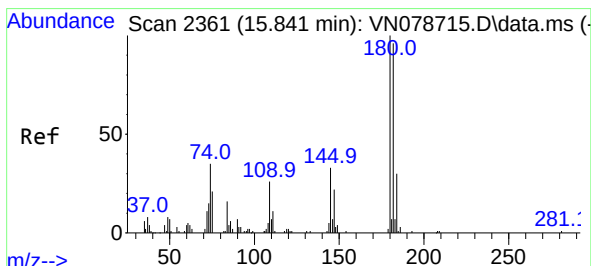
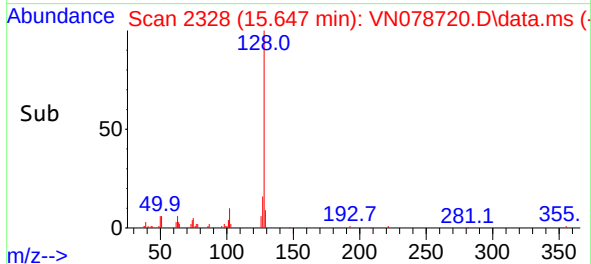
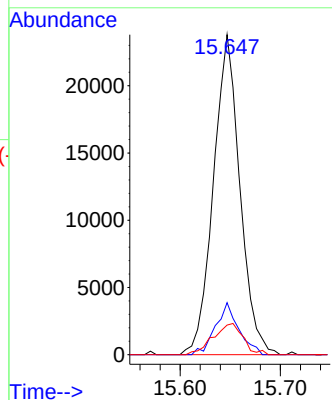
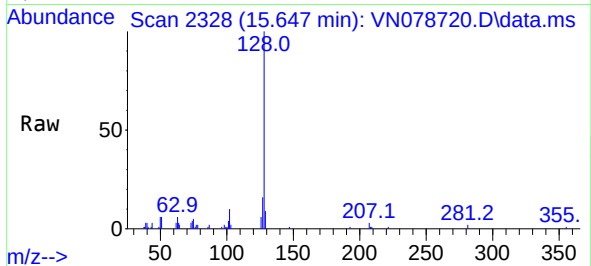




#91
Naphthalene
Concen: 5.489 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 43778
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 10.7 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 5.606 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:180 Resp: 17150
Ion Ratio Lower Upper
180 100
182 103.8 0.0 196.4
145 33.4 0.0 71.0

