

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078755.D
 Acq On : 03 Aug 2023 16:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 04 06:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	98357	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	637400	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	478886	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	229218	31.090	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.633%	
60) 4-Bromofluorobenzene	12.853	95	210241	29.295	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.633%	
63) Toluene-d8	10.571	98	791046	33.439	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 111.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	104404	16.829	ug/l	98
3) Chloromethane	2.371	50	201225	26.349	ug/l	96
4) Vinyl Chloride	2.524	62	193180	18.614	ug/l #	87
5) Bromomethane	2.965	94	113126	14.582	ug/l	97
6) Chloroethane	3.130	64	106701	15.786	ug/l	96
7) Trichlorofluoromethane	3.506	101	301875	28.355	ug/l	99
8) Diethyl Ether	3.971	74	110362	31.753	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	109161	19.102	ug/l	97
10) 1,1-Dichloroethene	4.348	96	107607	19.637	ug/l	97
11) Methyl Iodide	4.600	142	145332	18.869	ug/l	98
12) Methyl Acetate	5.042	43	171073	19.248	ug/l	96
13) Acrolein	4.306	56	489	0.517	ug/l	94
14) Acrylonitrile	5.736	53	253767	97.504	ug/l	98
15) Acetone	4.442	58	65229	86.502	ug/l	86
16) Carbon Disulfide	4.724	76	271452	17.537	ug/l	96
17) Allyl chloride	5.036	41	136127	18.194	ug/l	97
18) Methylene Chloride	5.300	84	130629	19.870	ug/l #	94
19) trans-1,2-Dichloroethene	5.800	96	117124	18.487	ug/l	95
20) Diisopropyl ether	6.683	45	333134	19.775	ug/l	97
21) 1,1-Dichloroethane	6.583	63	214537	19.232	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	132817	18.667	ug/l	98
23) tert-Butyl Alcohol	5.618	59	384	0.361	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	353327	19.175	ug/l	99
25) Chloroform	7.971	83	242160	20.505	ug/l	97
26) Cyclohexane	8.271	56	159265	19.383	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	167115	17.818	ug/l	98
30) 2-Butanone	7.494	43	325902	87.902	ug/l	100
31) 2,2-Dichloropropane	7.500	77	162888	15.135	ug/l	99
32) 1,1,1-Trichloroethane	8.183	97	209038	17.616	ug/l	98
33) Carbon Tetrachloride	8.371	117	193469	18.357	ug/l	91
34) Benzene	8.618	78	505078	17.928	ug/l	99
35) Methacrylonitrile	7.789	41	71639	17.596	ug/l	86
36) 1,2-Dichloroethane	8.677	62	184429	18.640	ug/l	98
37) Trichloroethene	9.359	130	150343	19.016	ug/l	94
38) Methylcyclohexane	9.612	83	195071	20.243	ug/l	96
39) 1,2-Dichloropropane	9.630	63	161137	21.335	ug/l	98
40) Dibromomethane	9.712	93	114514	21.907	ug/l	99
41) Bromodichloromethane	9.894	83	233594	22.352	ug/l	91
42) Vinyl Acetate	6.618	43	1008278	84.589	ug/l	99

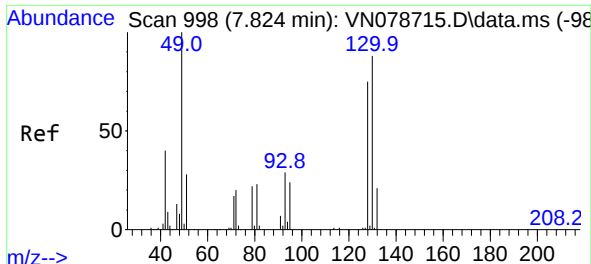
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	137528	17.943	ug/l	94
44) Isopropyl Acetate	8.694	43	239548	17.813	ug/l	98
45) 1,4-Dioxane	9.706	88	50022	404.367	ug/l	90
46) Methyl methacrylate	9.688	41	141055	22.904	ug/l	94
47) n-amyl Acetate	12.500	43	177787	17.165	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	189626	17.001	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	248135	20.945	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	127919	17.287	ug/l	96
51) Ethyl methacrylate	10.882	69	171661	16.945	ug/l	89
52) 1,3-Dichloropropane	11.171	76	210190	15.804	ug/l	100
53) Dibromochloromethane	11.365	129	142765	17.079	ug/l	97
54) 1,2-Dibromoethane	11.477	107	128251	17.261	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	346208	107.247	ug/l	99
56) Bromoform	12.582	173	92265	16.869	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	848622	118.392	ug/l	99
59) 2-Hexanone	11.200	43	494193	91.057	ug/l	97
61) Tetrachloroethene	11.112	164	119523	18.980	ug/l	92
62) Toluene	10.635	91	562798	19.538	ug/l	99
64) Chlorobenzene	11.900	112	329428	19.588	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	131447	19.818	ug/l	99
66) Ethyl Benzene	11.971	91	561876	19.354	ug/l	99
67) m/p-Xylenes	12.076	106	428840	38.671	ug/l	99
68) o-Xylene	12.406	106	212459	18.829	ug/l	99
69) Styrene	12.418	104	333205	18.353	ug/l	99
70) Isopropylbenzene	12.700	105	517351	18.534	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	169770	18.723	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	203495	26.752	ug/l	55
73) Bromobenzene	12.988	156	125383	18.326	ug/l	98
74) n-propylbenzene	13.041	91	567858	18.354	ug/l	100
75) 2-Chlorotoluene	13.129	91	369864	17.310	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	424757	17.043	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	46287	17.411	ug/l	86
78) 4-Chlorotoluene	13.229	91	349989	16.965	ug/l	98
79) tert-butylbenzene	13.441	119	341767	15.933	ug/l	91
80) 1,2,4-Trimethylbenzene	13.488	105	413529	17.373	ug/l	100
81) sec-Butylbenzene	13.623	105	448337	16.306	ug/l	98
82) p-Isopropyltoluene	13.735	119	373977	16.567	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	200835	16.553	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	192694	16.964	ug/l	99
85) n-Butylbenzene	14.065	91	258077	16.488	ug/l	100
86) Hexachloroethane	14.341	117	73177	17.793	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	200527	17.659	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26960	17.507	ug/l	98
89) 1,2,4-Trichlorobenzene	15.400	180	51728	15.966	ug/l	98
90) Hexachlorobutadiene	15.506	225	44946	18.210	ug/l	96
91) Naphthalene	15.647	128	146715	14.948	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	63668	17.268	ug/l	95

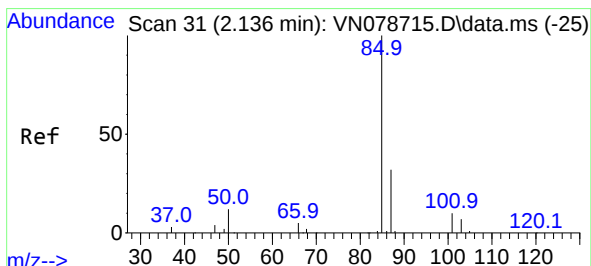
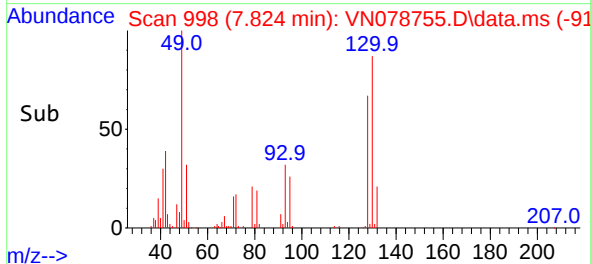
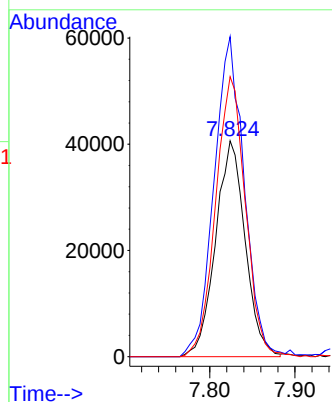
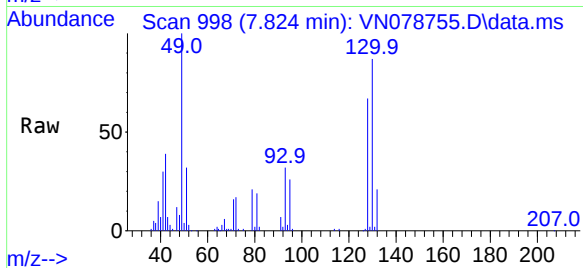
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

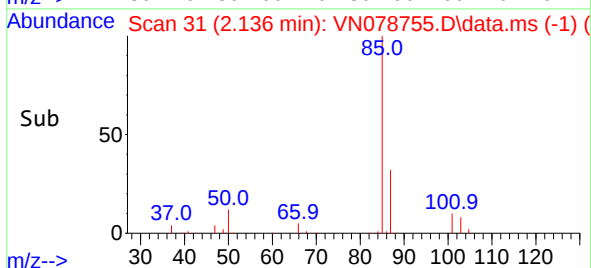
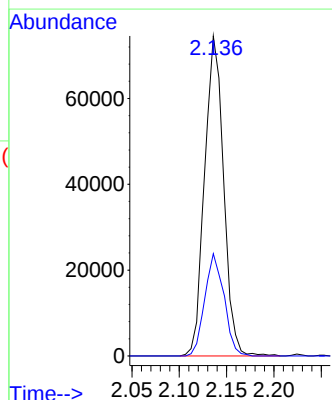
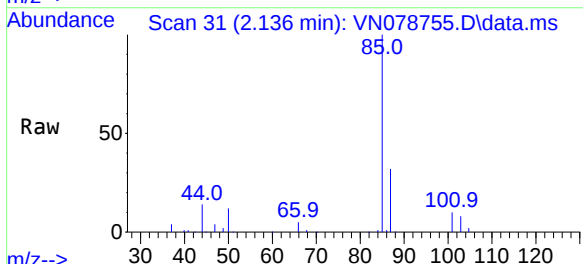
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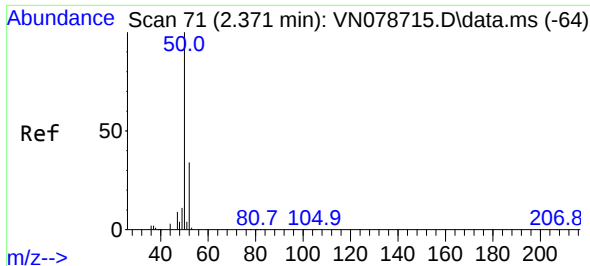
Tgt Ion:128 Resp: 98357
Ion Ratio Lower Upper
128 100
49 150.3 0.0 370.8
130 130.3 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 16.829 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 85 Resp: 104404
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.4

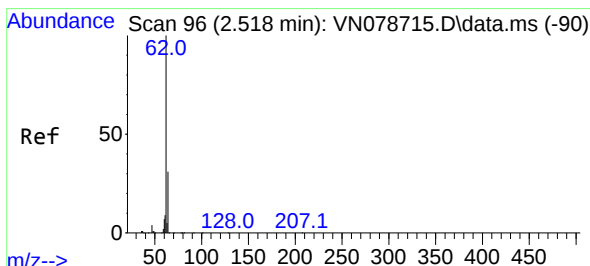
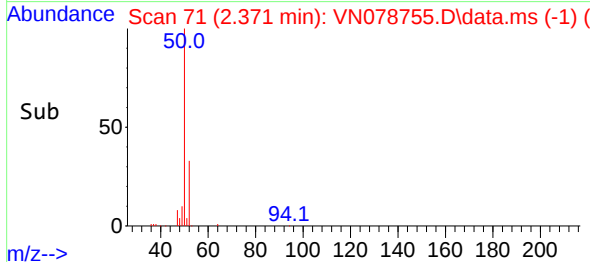
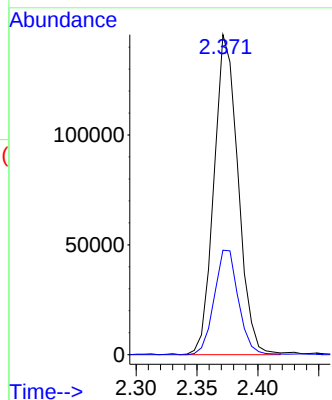
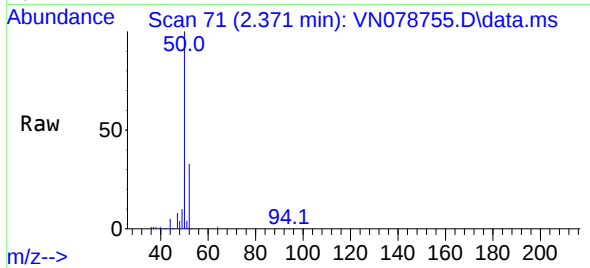




#3
Chloromethane
Concen: 26.349 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

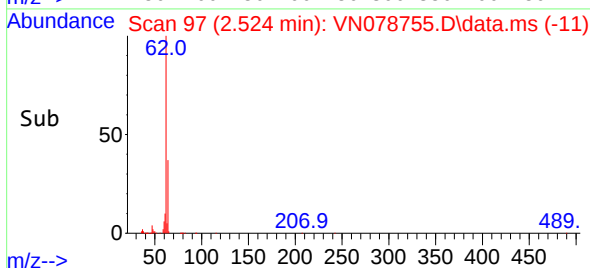
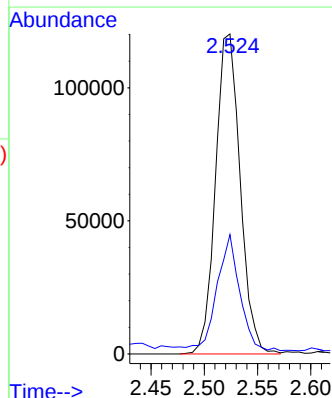
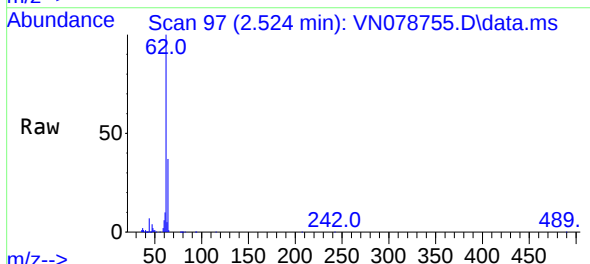
Instrument :
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ClientSampleId :
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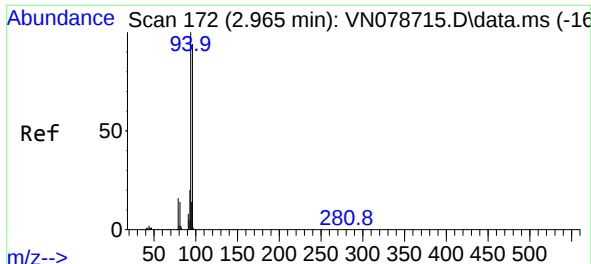
Tgt Ion: 50 Resp: 201225
Ion Ratio Lower Upper
50 100
52 32.6 24.6 36.8



#4
Vinyl Chloride
Concen: 18.614 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 62 Resp: 193180
Ion Ratio Lower Upper
62 100
64 36.3 23.3 34.9

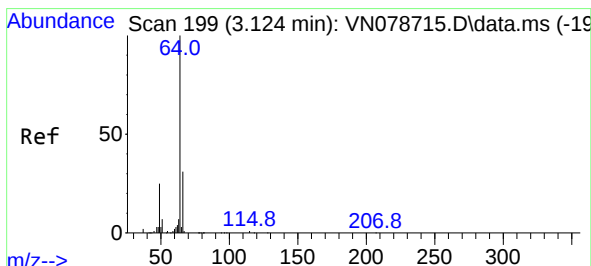
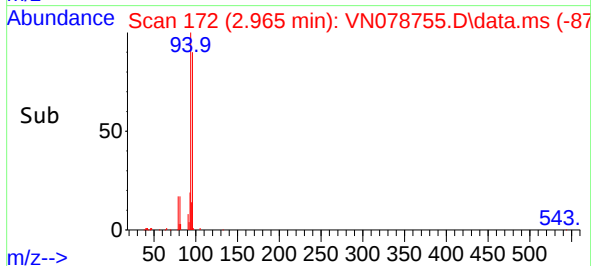
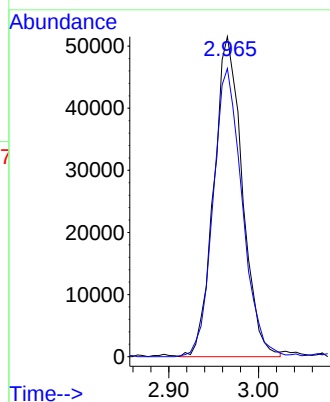
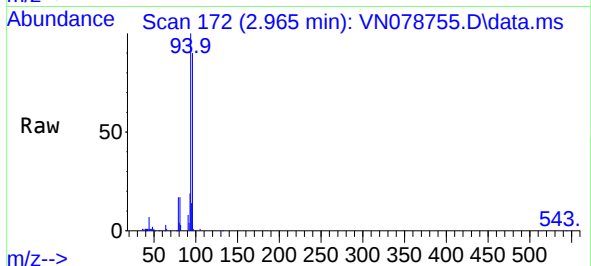




#5
Bromomethane
Concen: 14.582 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

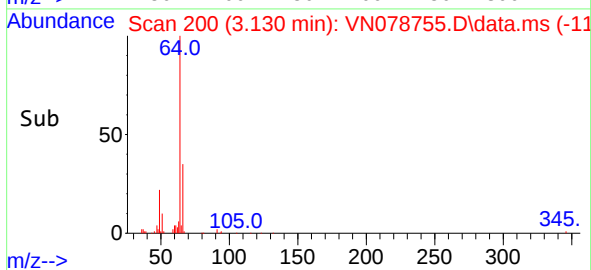
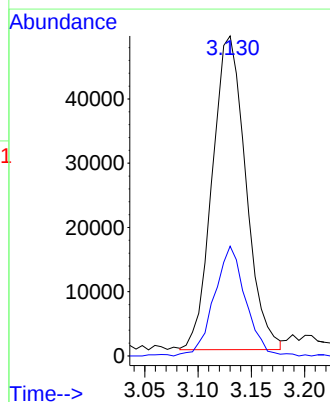
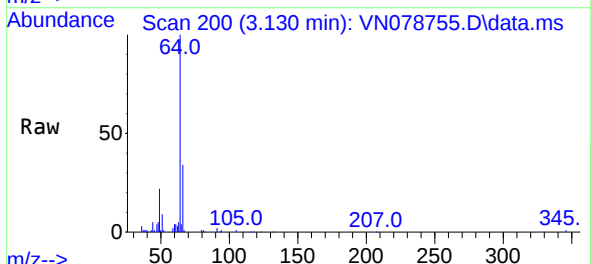
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ClientSampleId :
VSTDCCC020EC

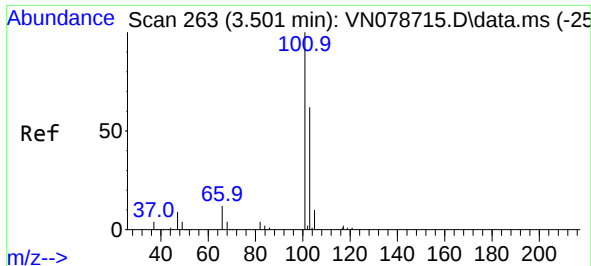
Tgt Ion: 94 Resp: 113126
Ion Ratio Lower Upper
94 100
96 89.7 73.9 110.9



#6
Chloroethane
Concen: 15.786 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 64 Resp: 106701
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5

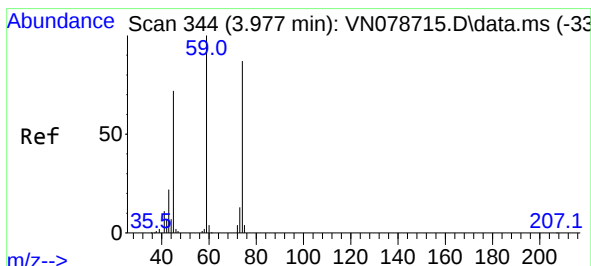
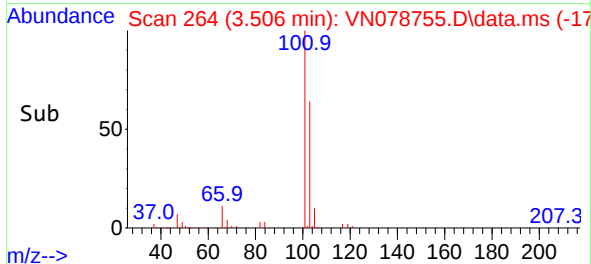
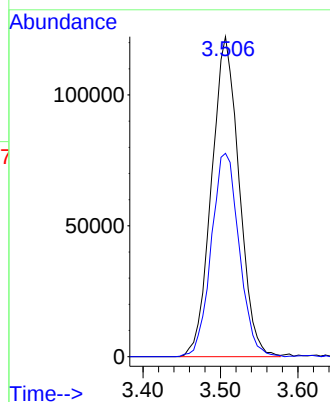
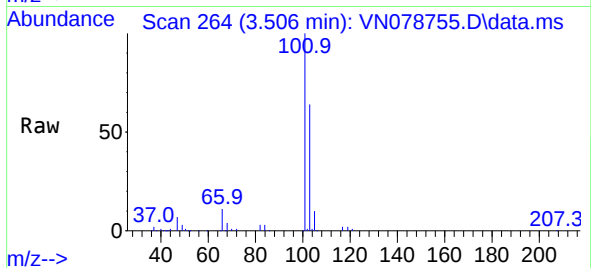




#7
Trichlorofluoromethane
Concen: 28.355 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

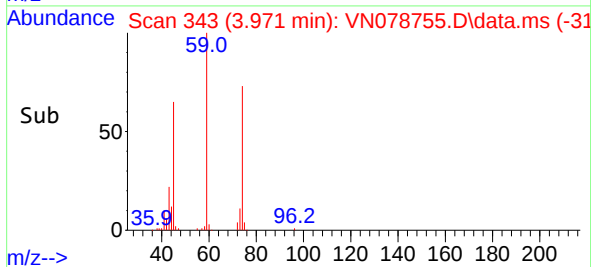
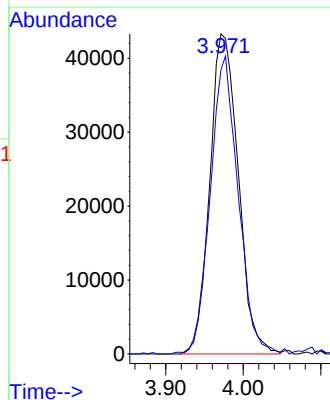
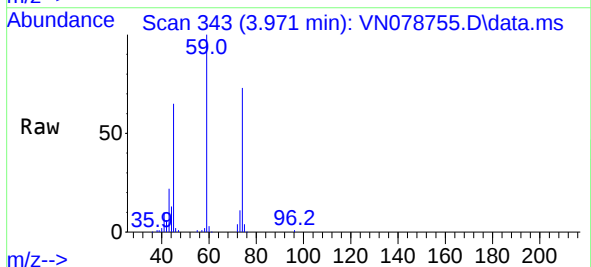
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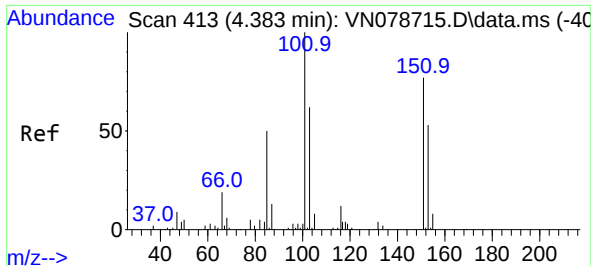
Tgt Ion:101 Resp: 301875
Ion Ratio Lower Upper
101 100
103 63.4 50.4 75.6



#8
Diethyl Ether
Concen: 31.753 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 74 Resp: 110362
Ion Ratio Lower Upper
74 100
45 90.3 16.3 146.5

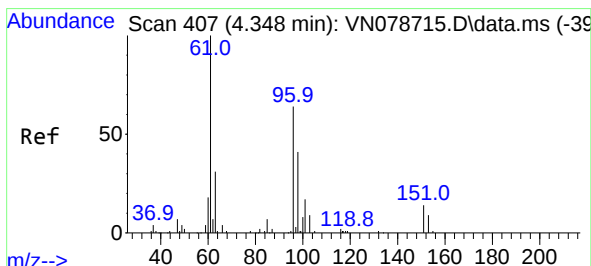
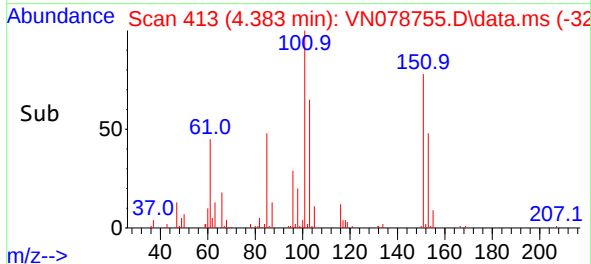
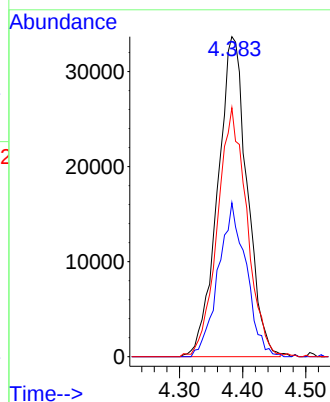
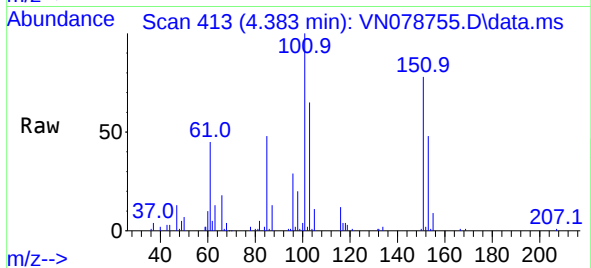




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.102 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

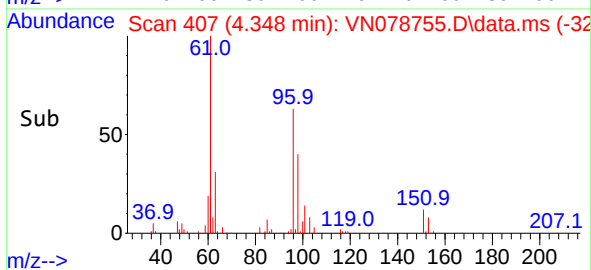
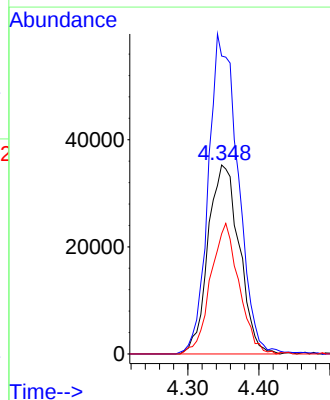
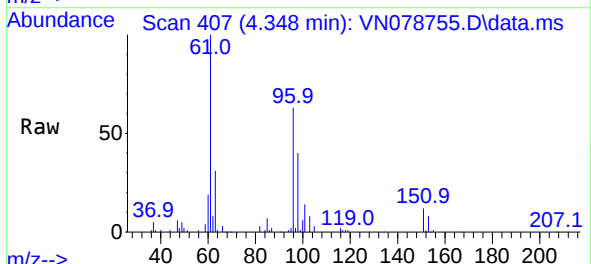
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

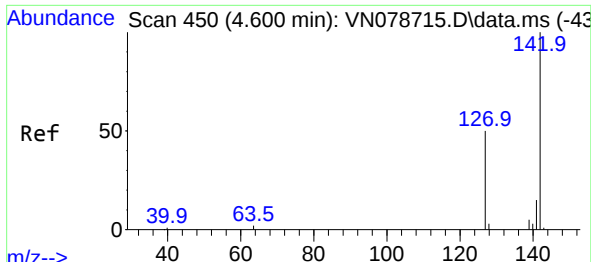
Tgt Ion:101 Resp: 109161
Ion Ratio Lower Upper
101 100
85 45.5 0.0 89.2
151 78.0 0.0 148.8



#10
1,1-Dichloroethene
Concen: 19.637 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

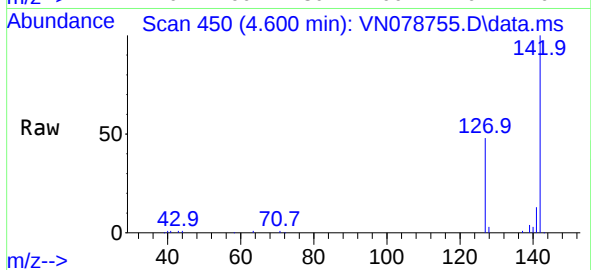
Tgt Ion: 96 Resp: 107607
Ion Ratio Lower Upper
96 100
61 156.7 123.4 185.2
98 63.6 53.7 80.5



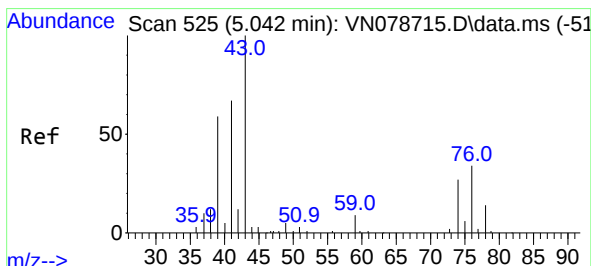
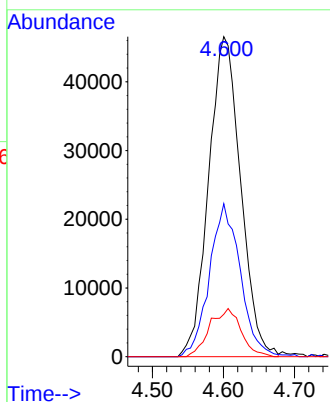
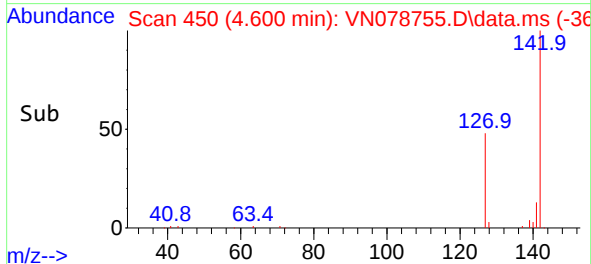


#11
Methyl Iodide
Concen: 18.869 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

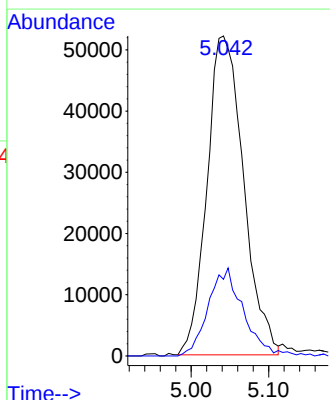
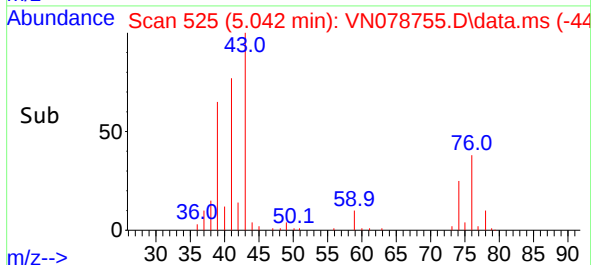
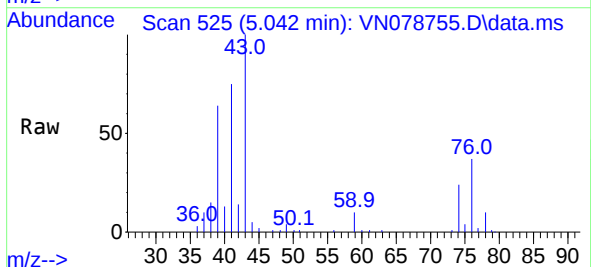


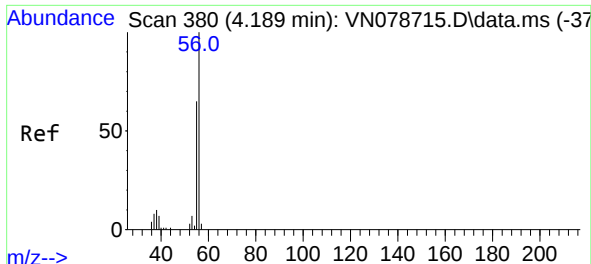
Tgt Ion:142 Resp: 145332
Ion Ratio Lower Upper
142 100
127 47.6 23.2 69.5
141 13.3 7.2 21.7



#12
Methyl Acetate
Concen: 19.248 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 43 Resp: 171073
Ion Ratio Lower Upper
43 100
74 23.5 20.5 30.7

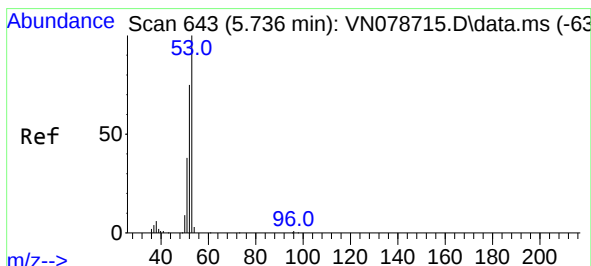
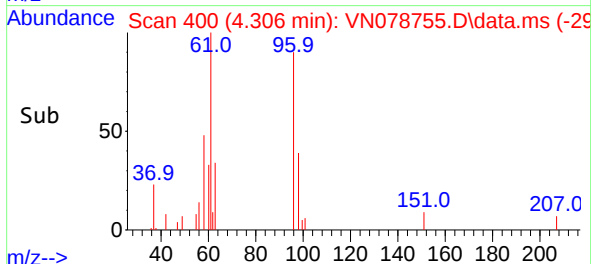
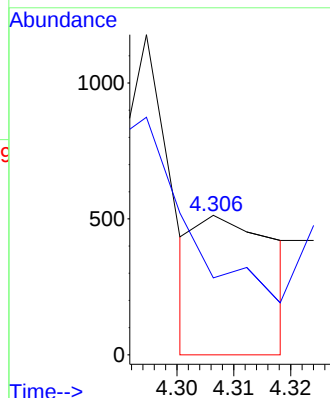
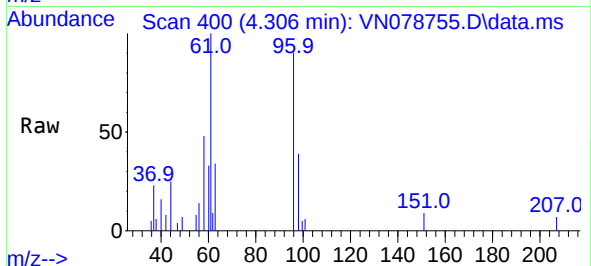




#13
Acrolein
Concen: 0.517 ug/l
RT: 4.306 min Scan# 400
Delta R.T. 0.118 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

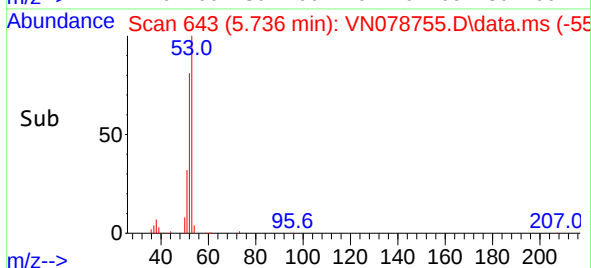
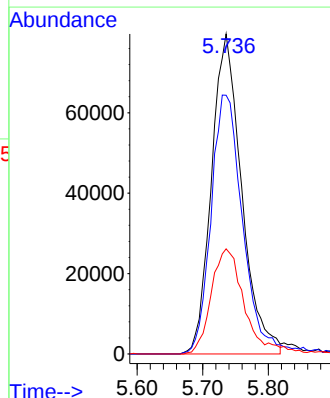
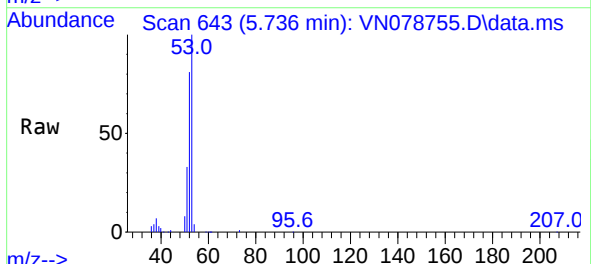
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

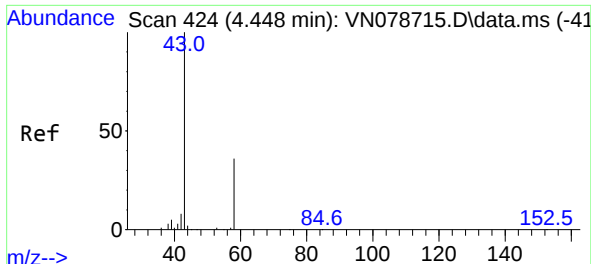
Tgt Ion: 56 Resp: 489
Ion Ratio Lower Upper
56 100
55 68.7 59.0 88.4



#14
Acrylonitrile
Concen: 97.504 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 53 Resp: 253767
Ion Ratio Lower Upper
53 100
52 85.0 42.3 126.9
51 34.1 18.4 55.4

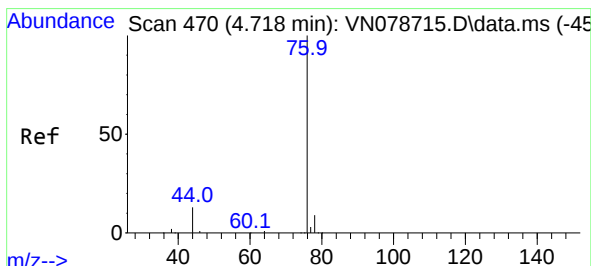
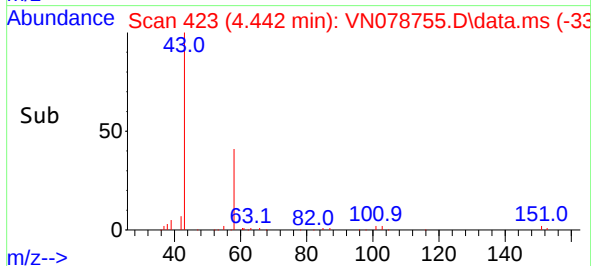
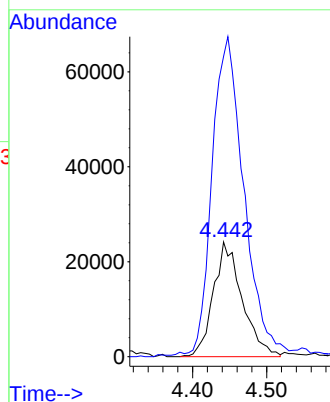
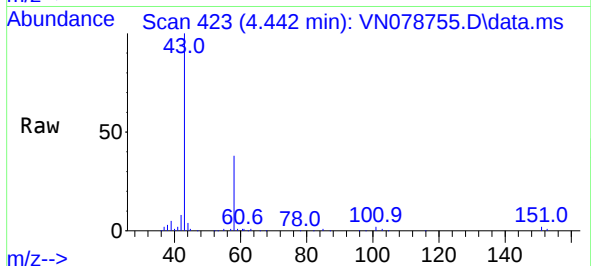




#15
Acetone
Concen: 86.502 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

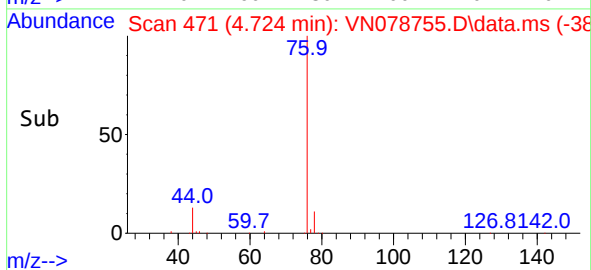
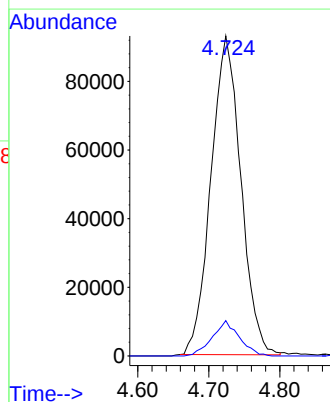
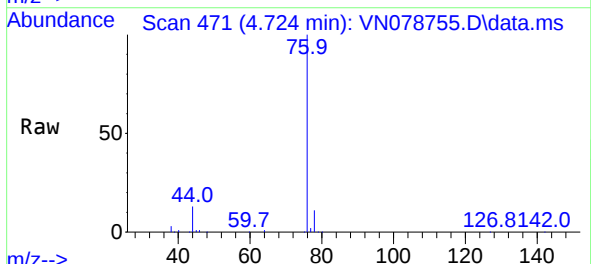
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

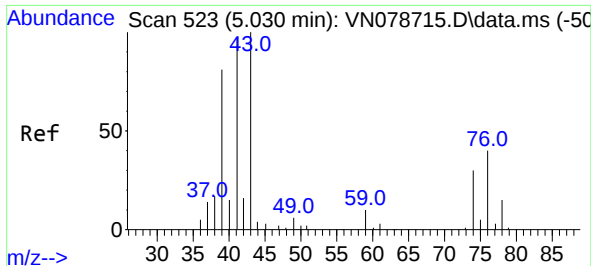
Tgt Ion: 58 Resp: 65229
Ion Ratio Lower Upper
58 100
43 257.7 227.5 341.3



#16
Carbon Disulfide
Concen: 17.537 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 76 Resp: 271452
Ion Ratio Lower Upper
76 100
78 11.1 7.7 11.5

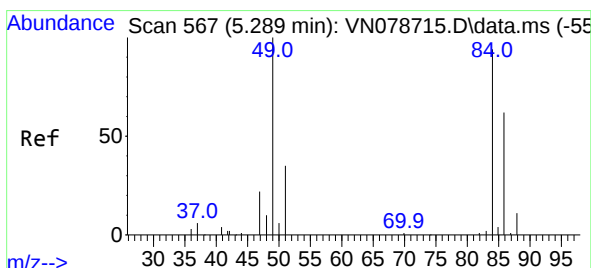
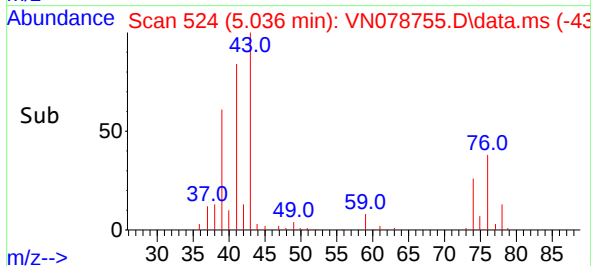
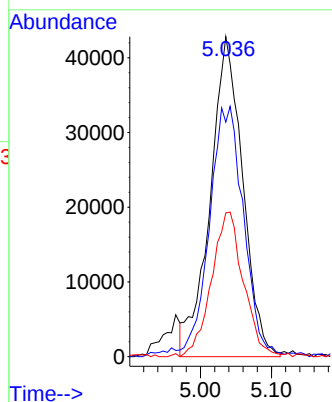
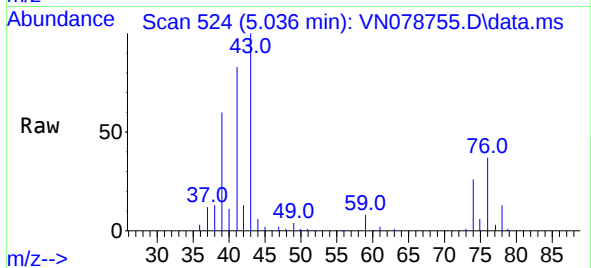




#17
 Allyl chloride
 Concen: 18.194 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN078755.D
 Acq: 03 Aug 2023 16:07

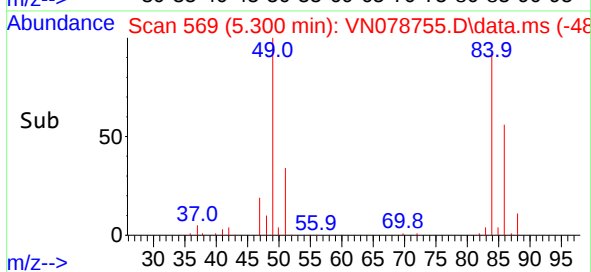
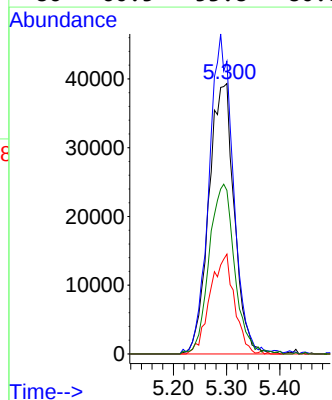
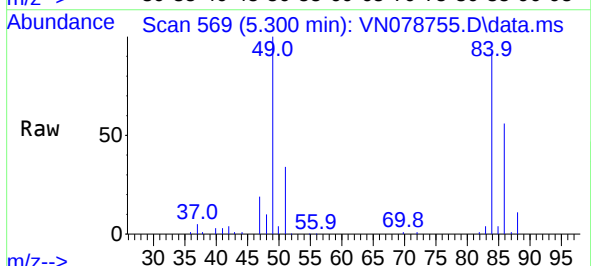
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

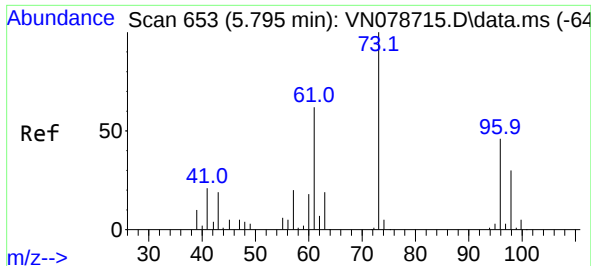
Tgt Ion:	41	Resp:	136127
Ion	Ratio	Lower	Upper
41	100		
39	73.0	37.6	112.8
76	45.5	23.8	71.4



#18
 Methylene Chloride
 Concen: 19.870 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VN078755.D
 Acq: 03 Aug 2023 16:07

Tgt Ion:	84	Resp:	130629
Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.1	132.1
51	36.9	24.0	36.0#
86	60.5	53.8	80.8





#19

trans-1,2-Dichloroethene

Concen: 18.487 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

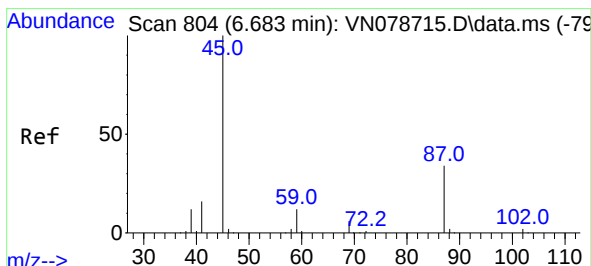
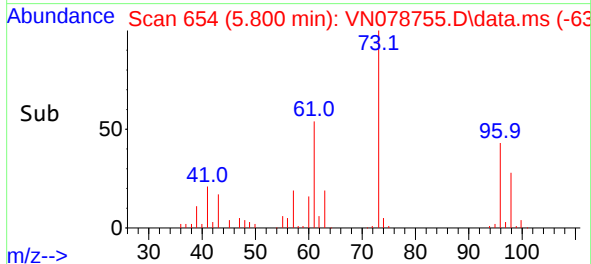
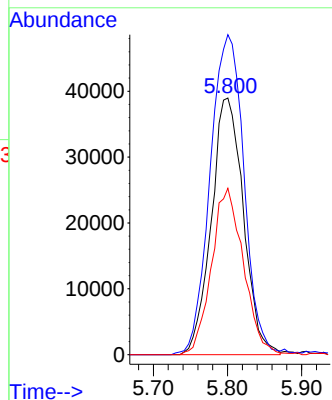
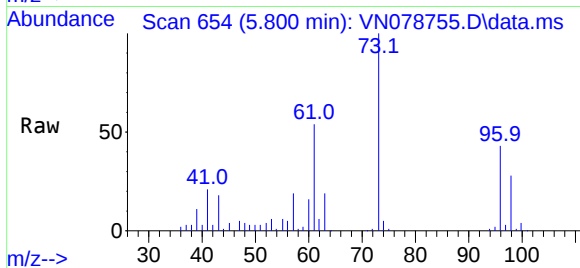
Tgt Ion: 96 Resp: 117124

Ion Ratio Lower Upper

96 100

61 123.7 105.2 157.8

98 64.9 50.5 75.7



#20

Diisopropyl ether

Concen: 19.775 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.000 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Tgt Ion: 45 Resp: 333134

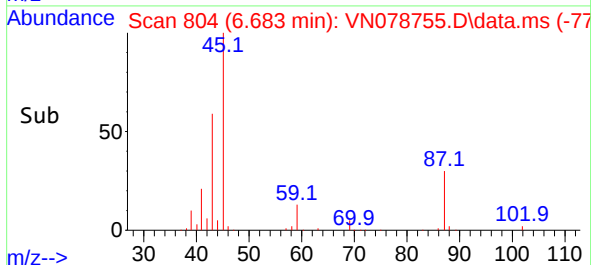
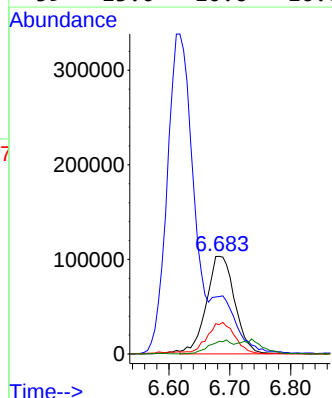
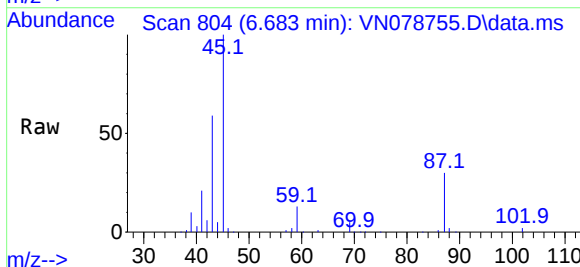
Ion Ratio Lower Upper

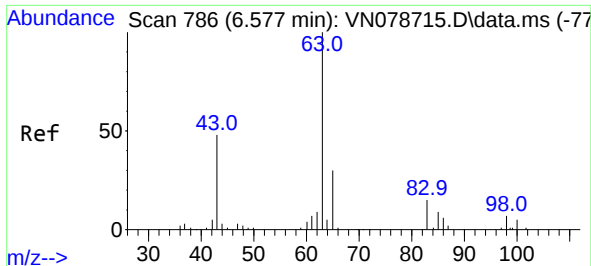
45 100

43 56.9 43.6 65.4

87 30.2 25.8 38.6

59 13.0 10.6 16.0





#21

1,1-Dichloroethane

Concen: 19.232 ug/l

RT: 6.583 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

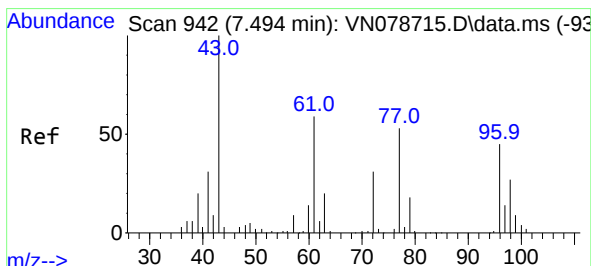
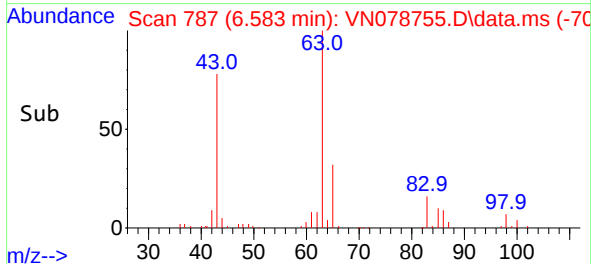
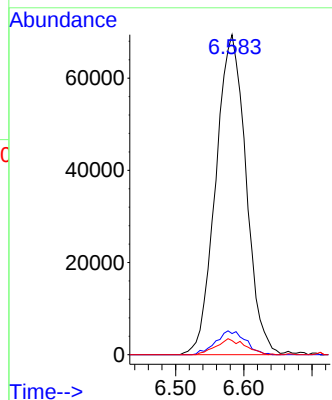
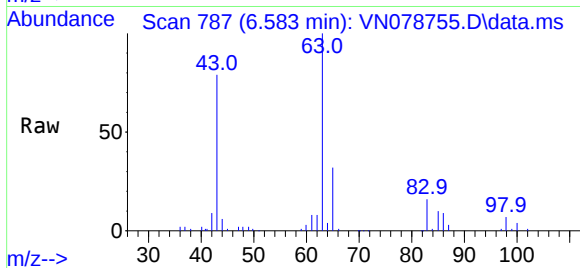
Tgt Ion: 63 Resp: 214537

Ion Ratio Lower Upper

63 100

98 6.6 2.7 8.1

100 4.4 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 18.667 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

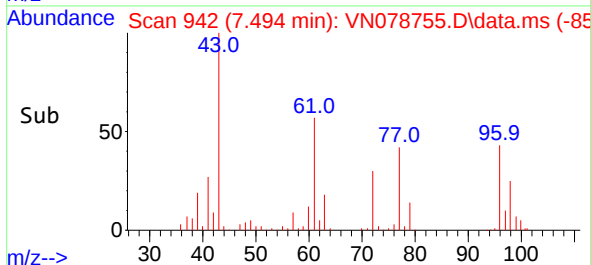
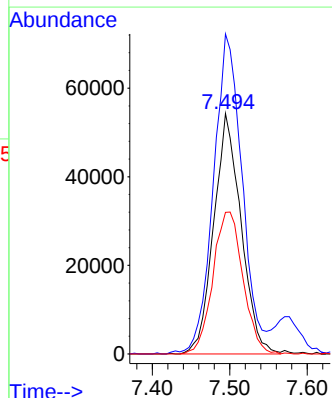
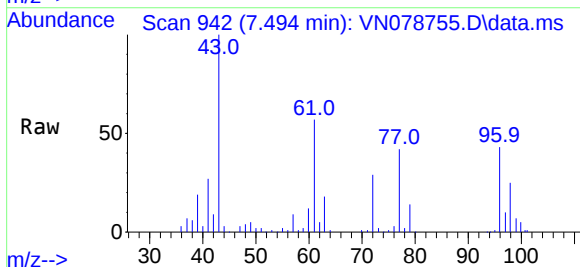
Tgt Ion: 96 Resp: 132817

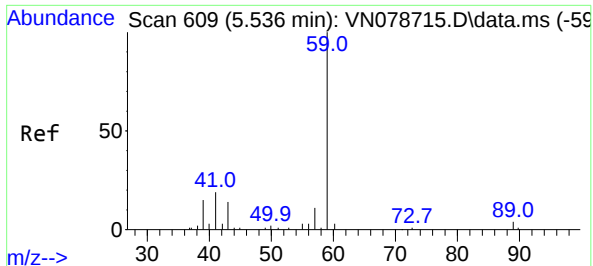
Ion Ratio Lower Upper

96 100

61 139.4 113.8 170.6

98 64.9 52.2 78.4

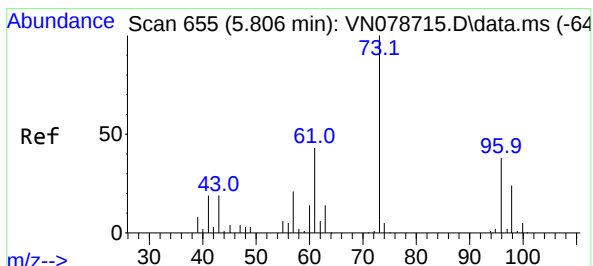
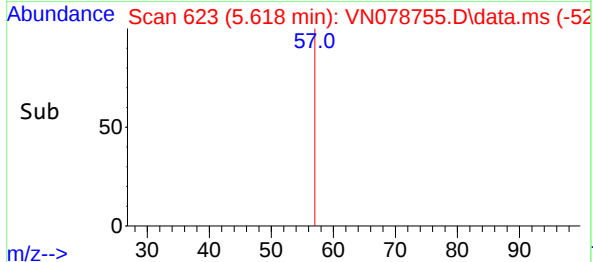
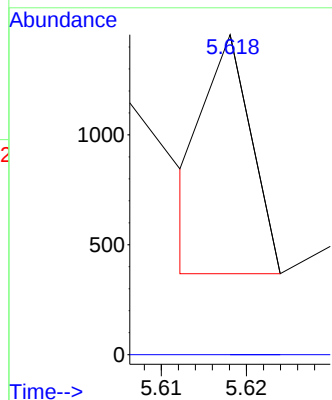
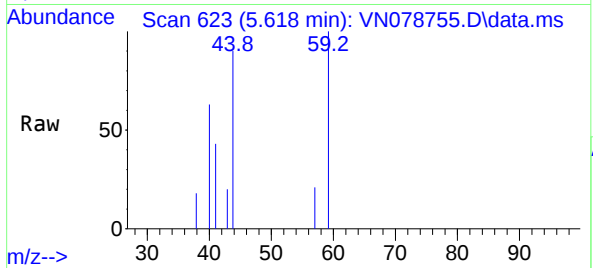




#23
tert-Butyl Alcohol
Concen: 0.361 ug/l
RT: 5.618 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

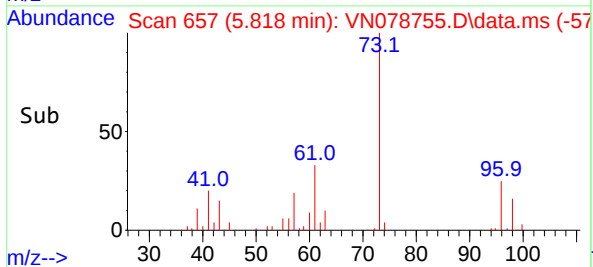
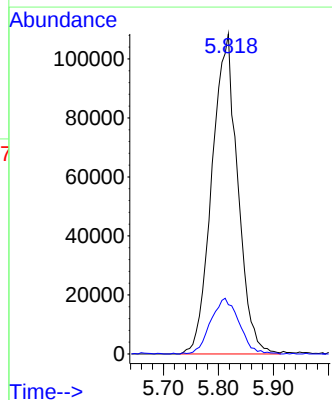
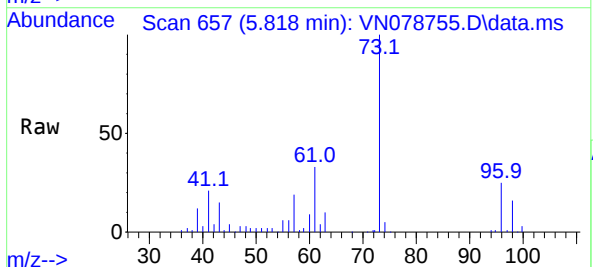
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

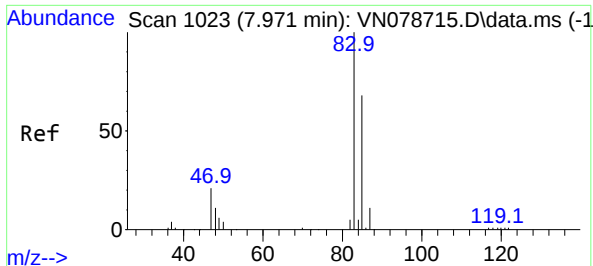
Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.175 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.012 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 73 Resp: 353327
Ion Ratio Lower Upper
73 100
43 18.6 14.5 21.7





#25

Chloroform

Concen: 20.505 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

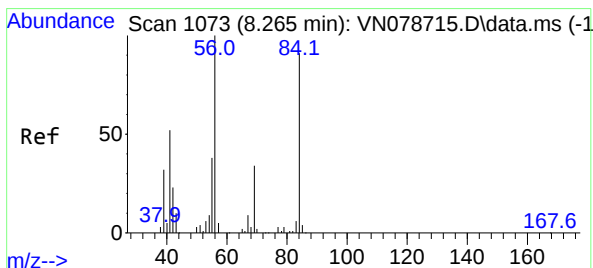
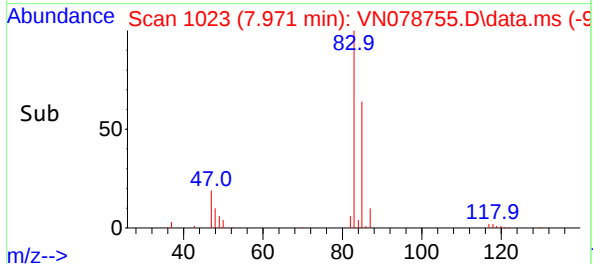
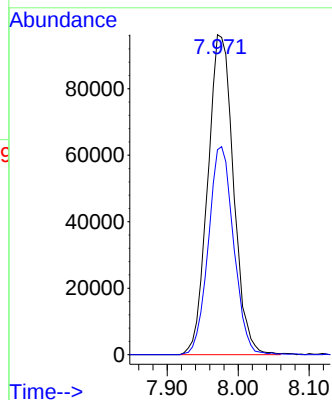
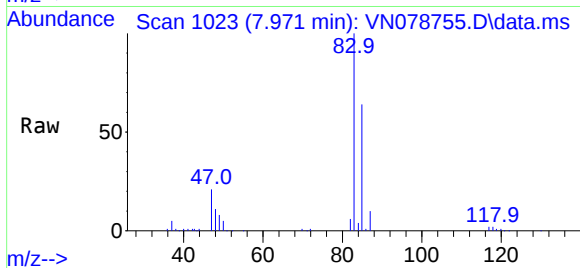
VSTDCCC020EC

Tgt Ion: 83 Resp: 242160

Ion Ratio Lower Upper

83 100

85 64.1 53.4 80.0



#26

Cyclohexane

Concen: 19.383 ug/l

RT: 8.271 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

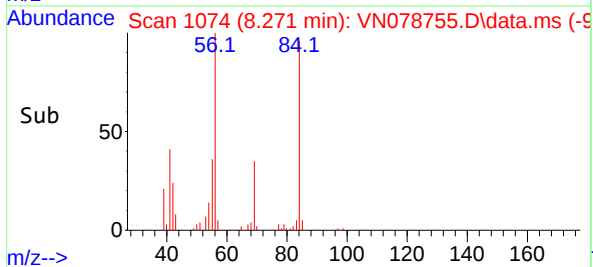
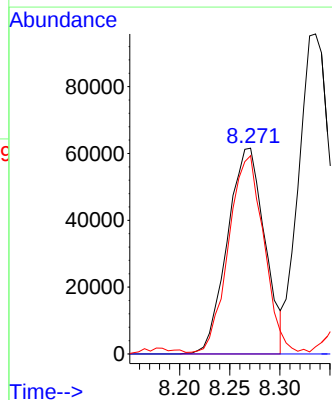
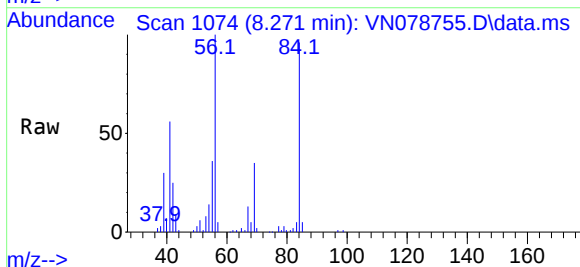
Tgt Ion: 56 Resp: 159265

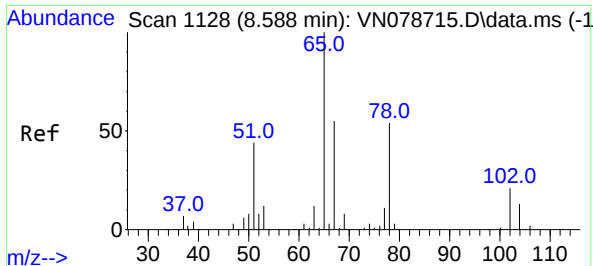
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.1 74.2 111.4

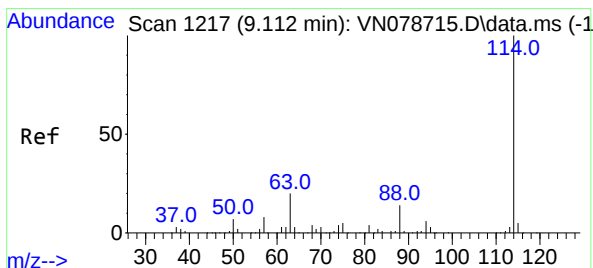
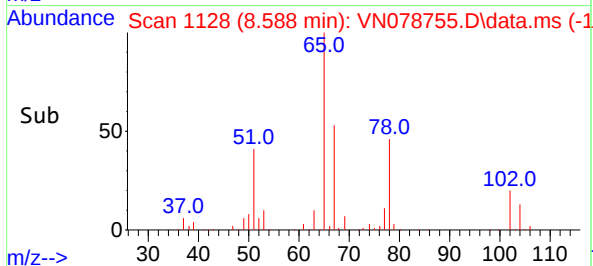
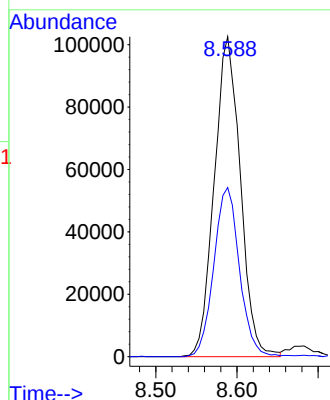
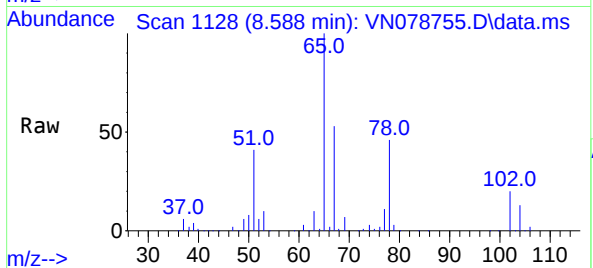




#27
1,2-Dichloroethane-d4
Concen: 31.090 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

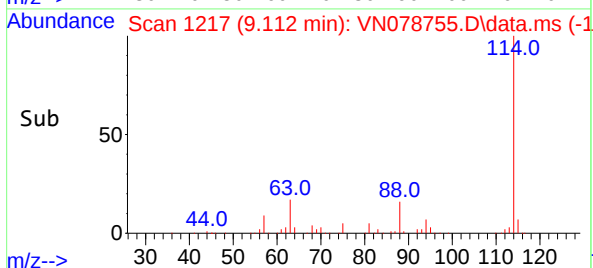
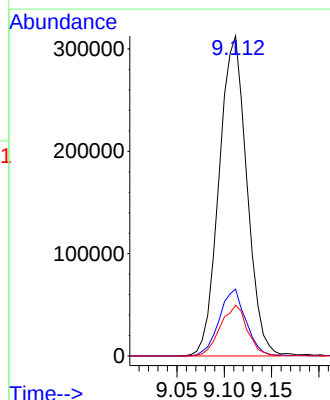
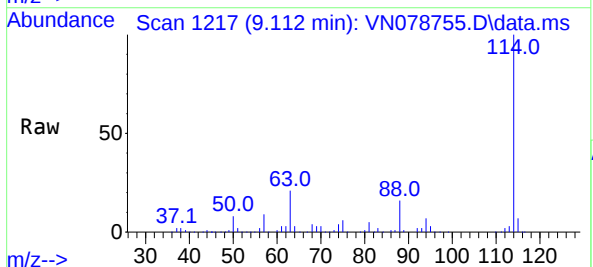
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

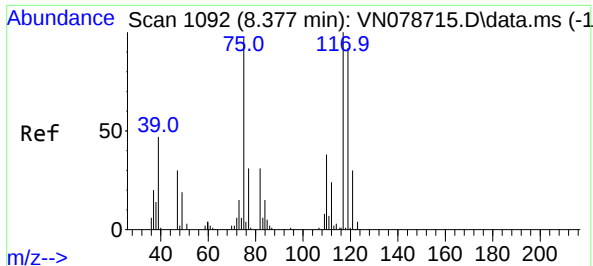
Tgt Ion: 65 Resp: 229218
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 114 Resp: 637400
Ion Ratio Lower Upper
114 100
63 20.0 15.2 22.8
88 15.4 12.5 18.7

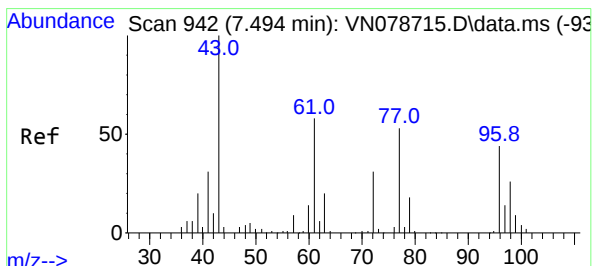
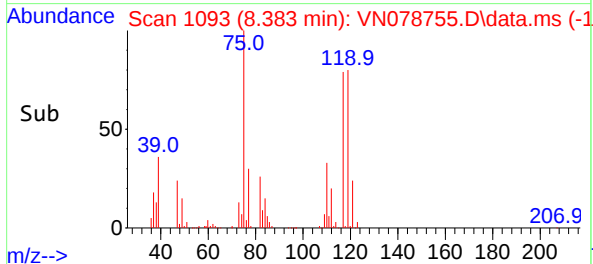
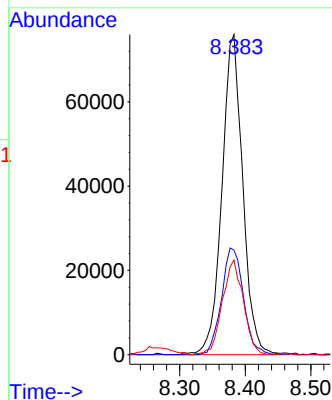
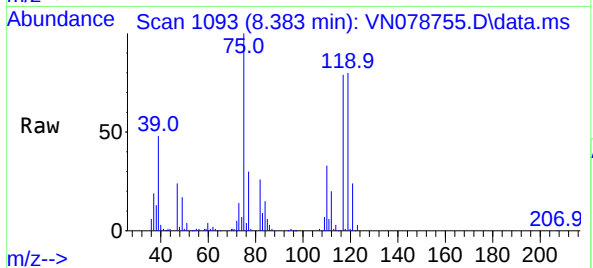




#29
1,1-Dichloropropene
Concen: 17.818 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

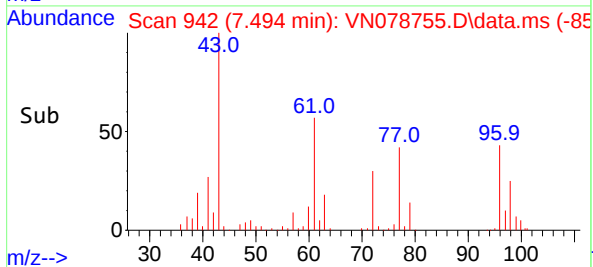
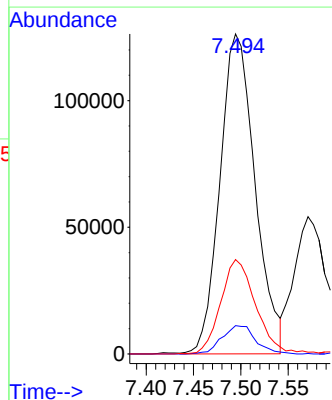
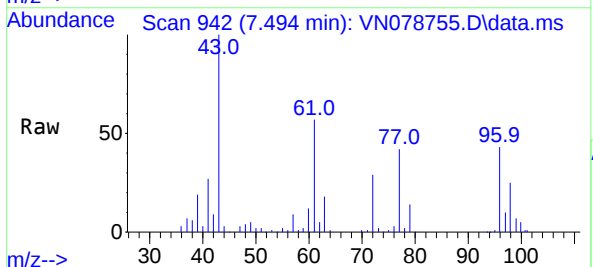
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

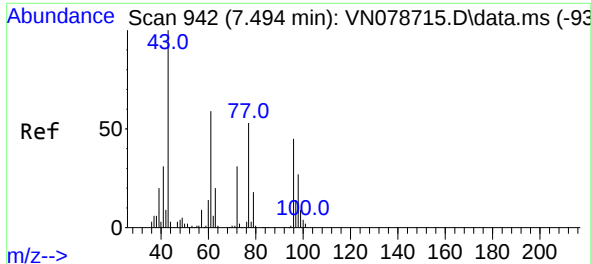
Tgt Ion: 75 Resp: 167115
Ion Ratio Lower Upper
75 100
110 35.0 0.0 72.2
77 30.0 0.0 62.8



#30
2-Butanone
Concen: 87.902 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 43 Resp: 325902
Ion Ratio Lower Upper
43 100
57 8.5 6.8 10.2
72 29.5 23.8 35.6

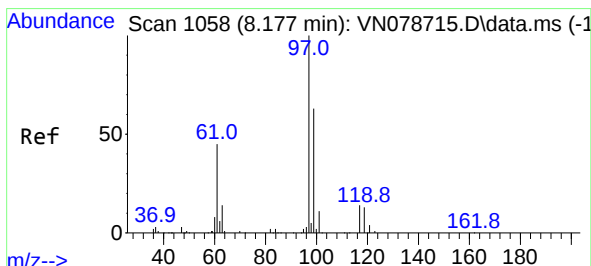
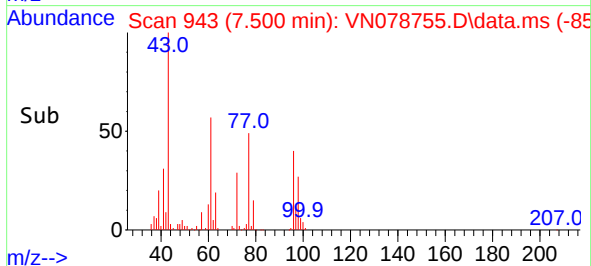
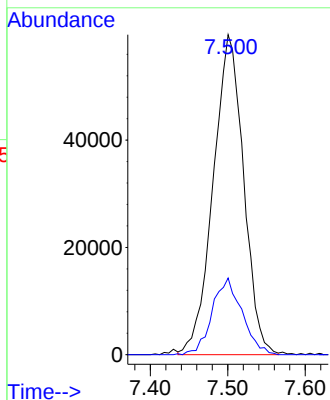
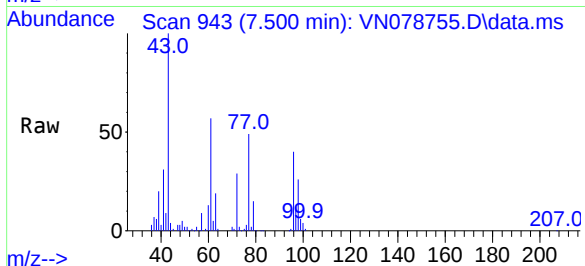




#31
2,2-Dichloropropane
Concen: 15.135 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

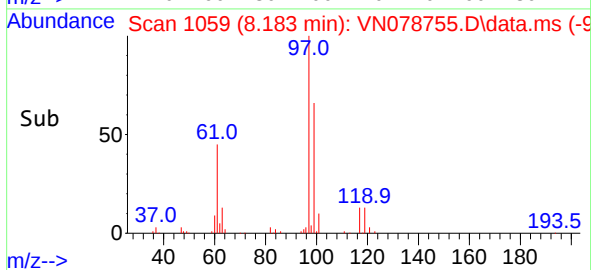
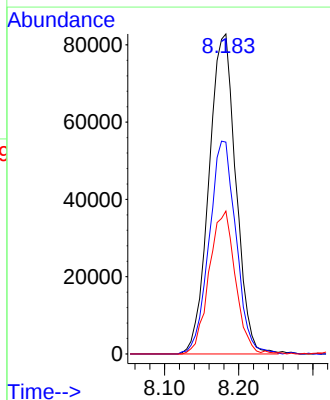
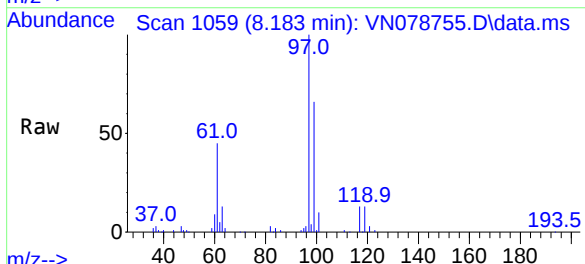
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

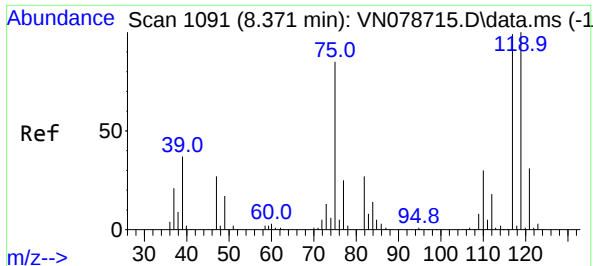
Tgt Ion: 77 Resp: 162888
Ion Ratio Lower Upper
77 100
97 23.2 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 17.616 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 97 Resp: 209038
Ion Ratio Lower Upper
97 100
99 66.3 51.3 76.9
61 43.3 34.6 52.0

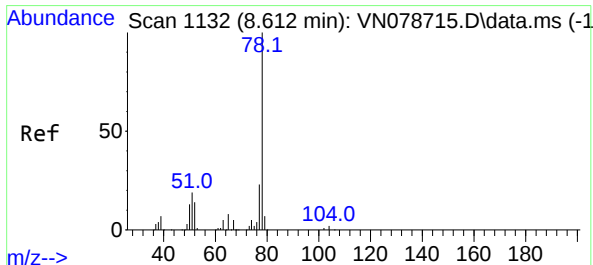
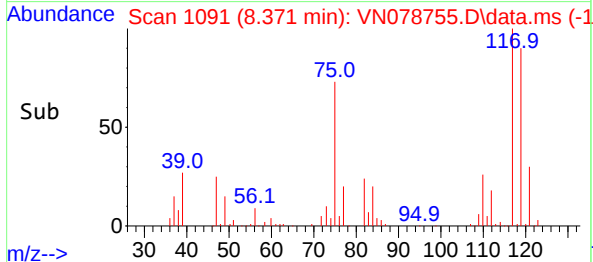
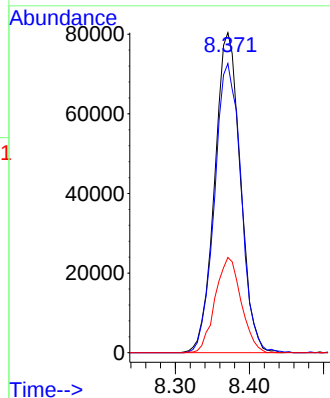
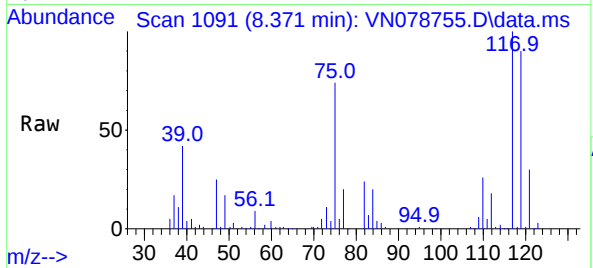




#33
Carbon Tetrachloride
Concen: 18.357 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

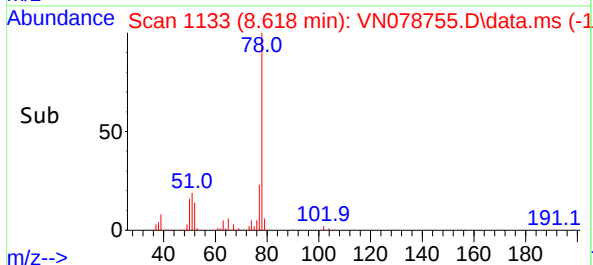
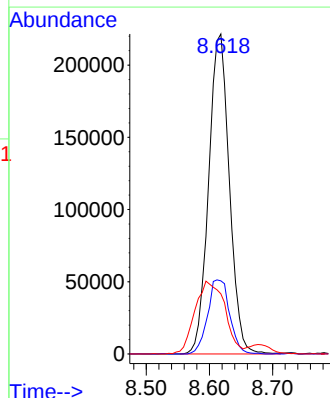
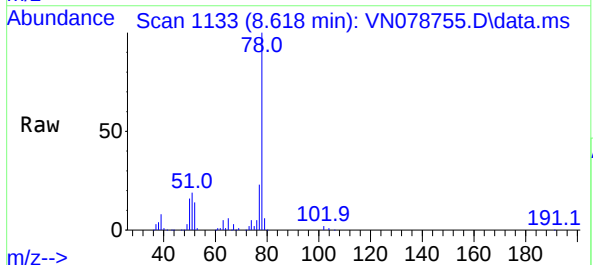
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

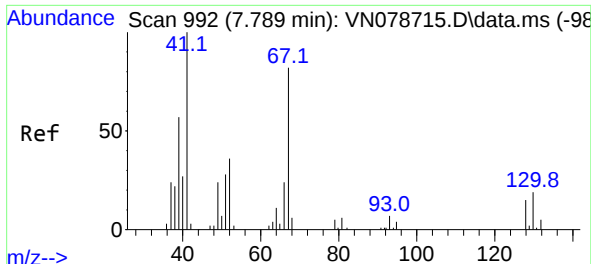
Tgt Ion:117 Resp: 193469
Ion Ratio Lower Upper
117 100
119 90.3 81.4 122.0
121 29.7 23.6 35.4



#34
Benzene
Concen: 17.928 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 78 Resp: 505078
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
51 18.4 13.7 20.5



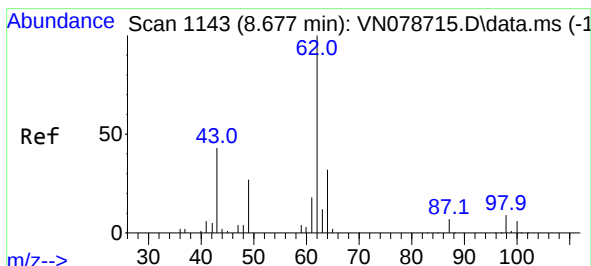
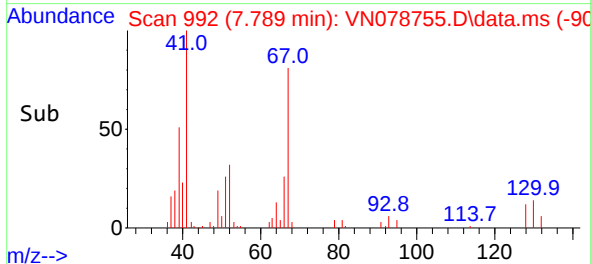
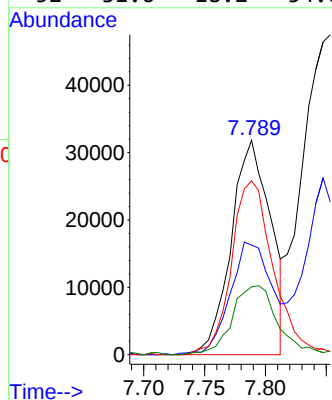
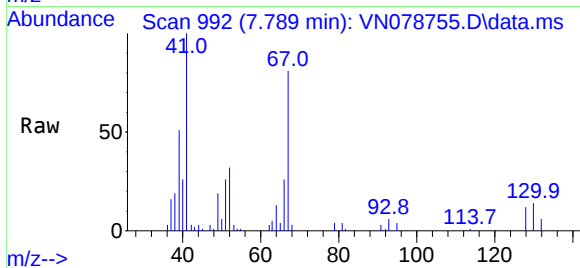


#35
Methacrylonitrile
Concen: 17.596 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 71639

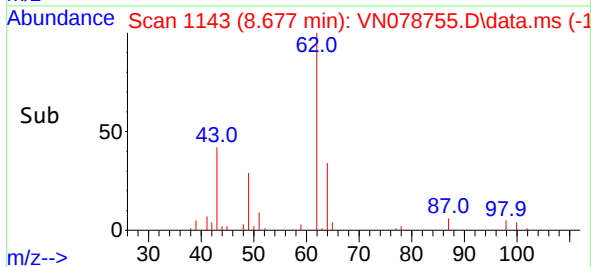
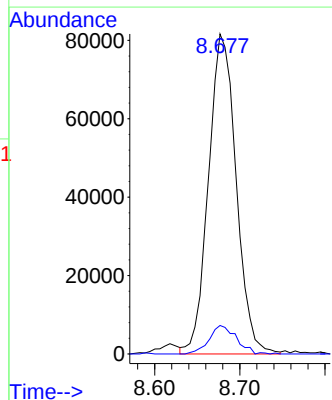
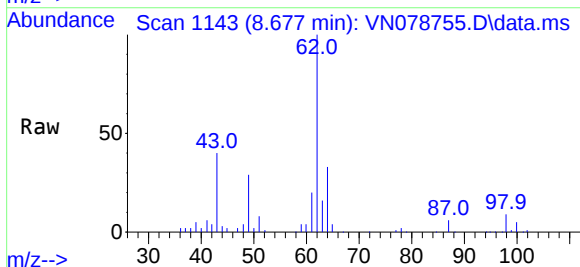
Ion	Ratio	Lower	Upper
41	100		
39	50.4	33.9	101.6
67	81.1	45.9	137.6
52	31.6	18.2	54.6

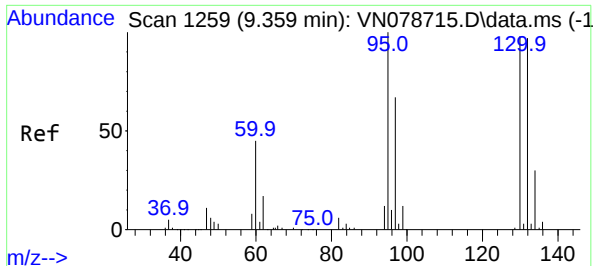


#36
1,2-Dichloroethane
Concen: 18.640 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 62 Resp: 184429

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.0

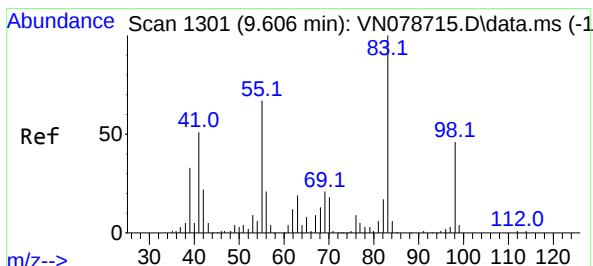
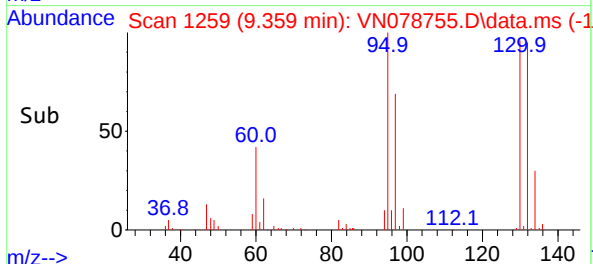
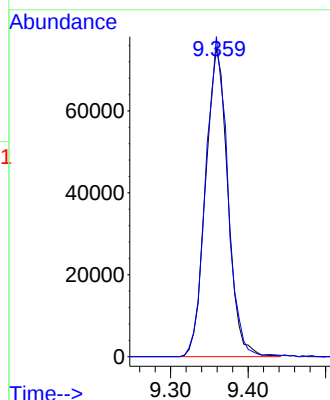
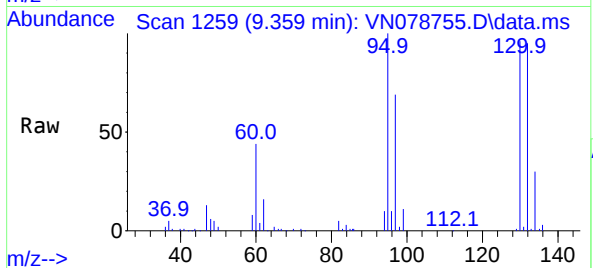




#37
Trichloroethene
Concen: 19.016 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

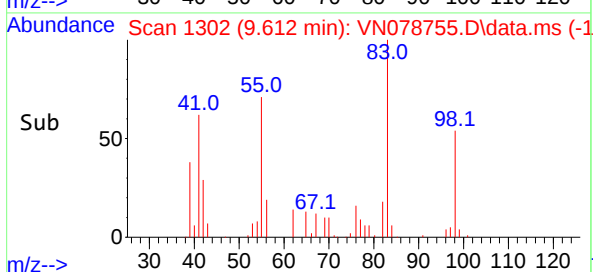
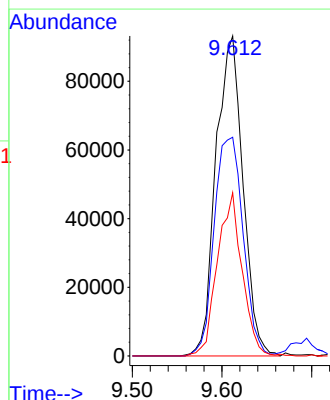
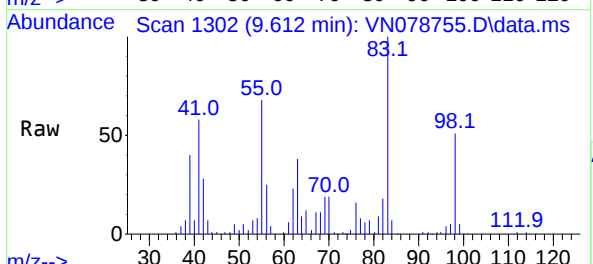
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

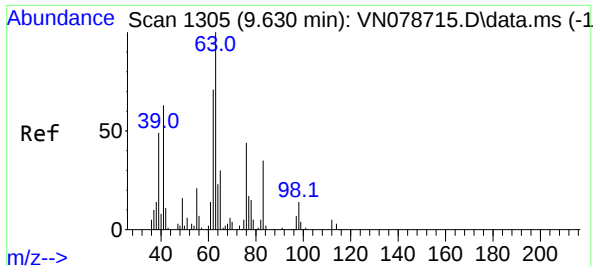
Tgt Ion:130 Resp: 150343
Ion Ratio Lower Upper
130 100
95 103.8 78.2 117.4



#38
Methylcyclohexane
Concen: 20.243 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 83 Resp: 195071
Ion Ratio Lower Upper
83 100
55 73.1 34.0 102.0
98 46.5 23.0 69.0

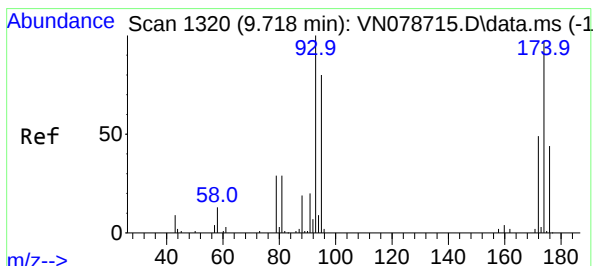
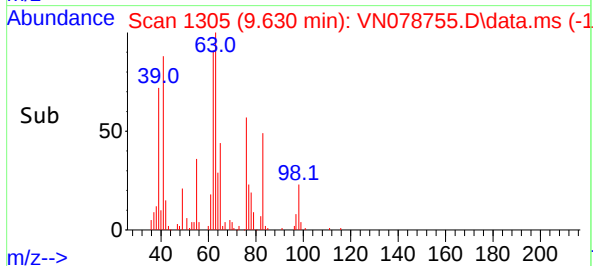
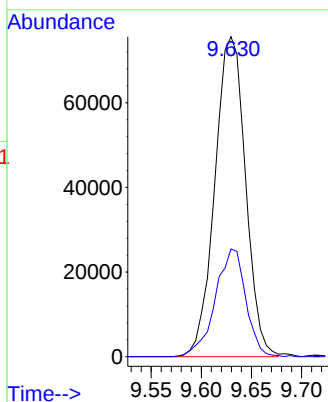
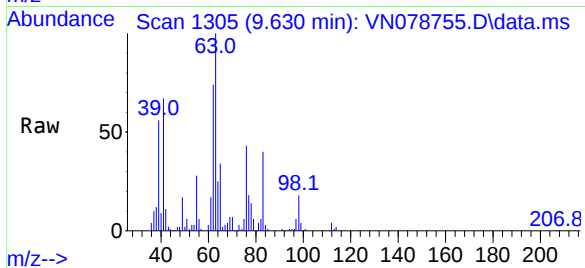




#39
1,2-Dichloropropane
Concen: 21.335 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

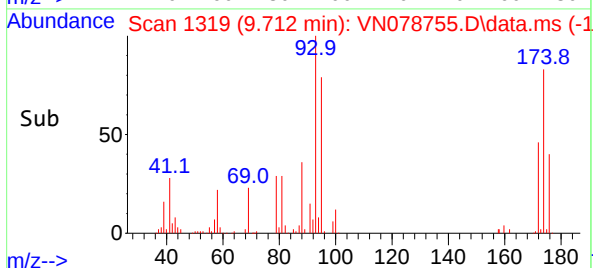
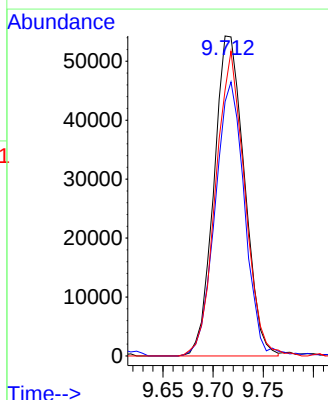
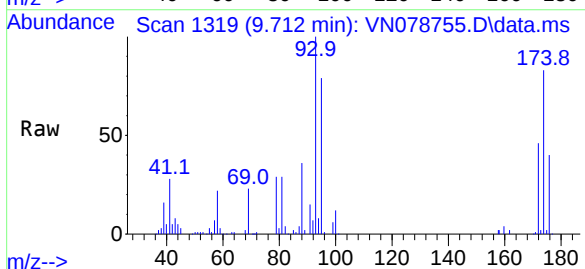
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

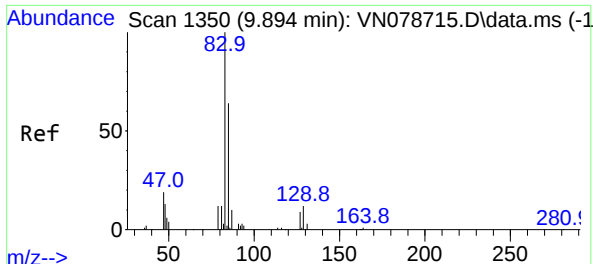
Tgt Ion: 63 Resp: 161137
Ion Ratio Lower Upper
63 100
65 33.4 27.4 41.2



#40
Dibromomethane
Concen: 21.907 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 93 Resp: 114514
Ion Ratio Lower Upper
93 100
95 81.8 0.0 167.8
174 91.0 0.0 180.8

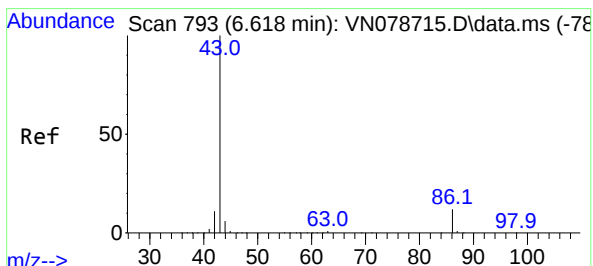
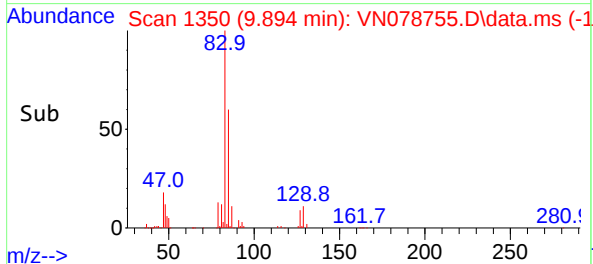
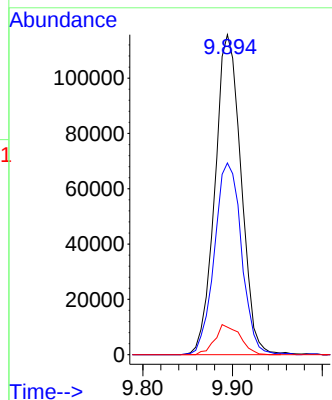
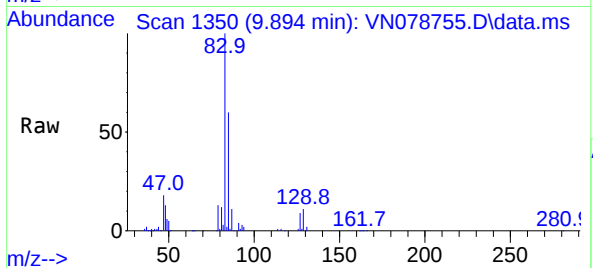




#41
Bromodichloromethane
Concen: 22.352 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

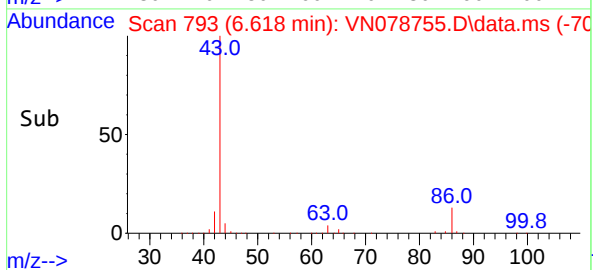
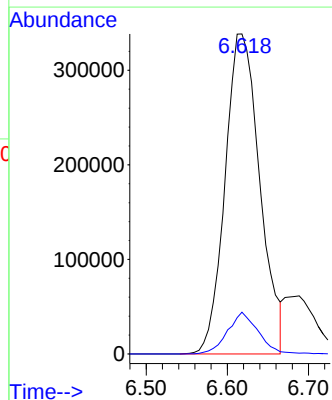
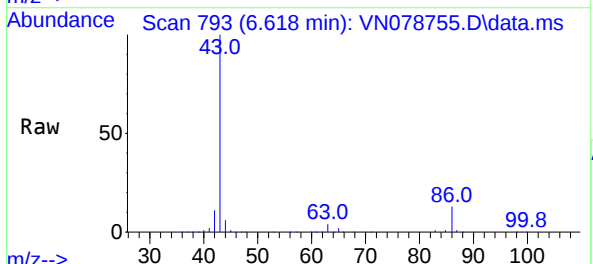
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

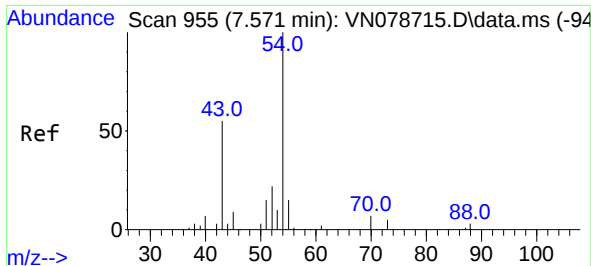
Tgt Ion: 83 Resp: 233594
Ion Ratio Lower Upper
83 100
85 59.9 54.1 81.1
127 8.6 7.8 11.6



#42
Vinyl Acetate
Concen: 84.589 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 43 Resp: 1008278
Ion Ratio Lower Upper
43 100
86 11.5 9.4 14.0

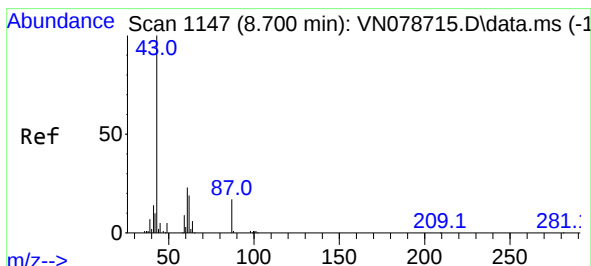
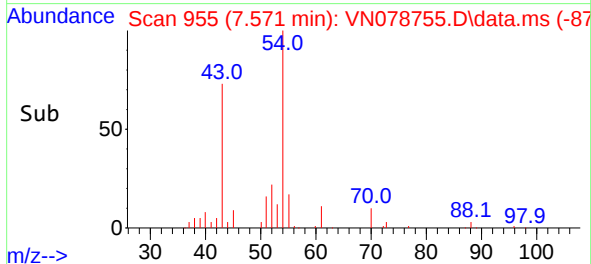
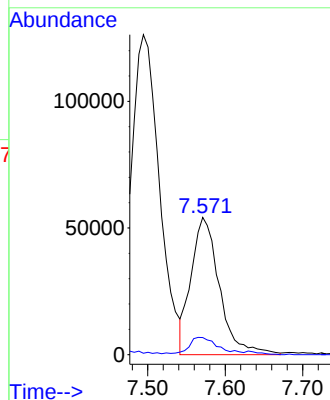
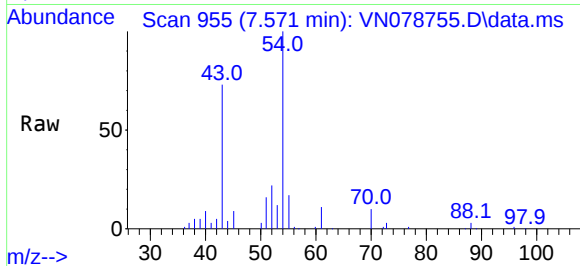




#43
Ethyl Acetate
Concen: 17.943 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

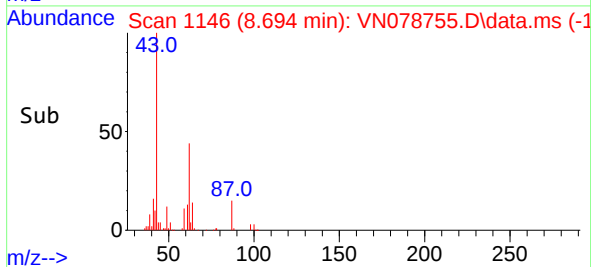
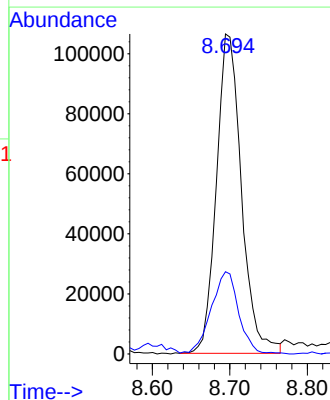
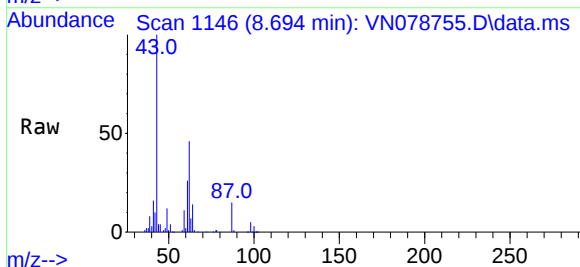
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

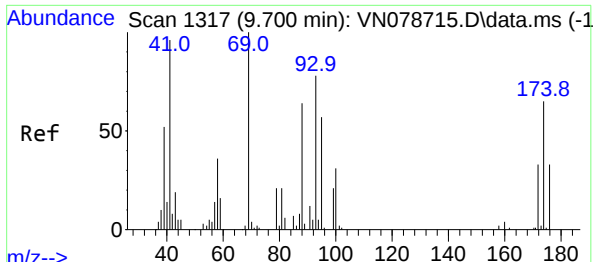
Tgt Ion: 43 Resp: 137528
Ion Ratio Lower Upper
43 100
45 11.1 10.9 16.3



#44
Isopropyl Acetate
Concen: 17.813 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 43 Resp: 239548
Ion Ratio Lower Upper
43 100
61 27.9 23.0 34.6

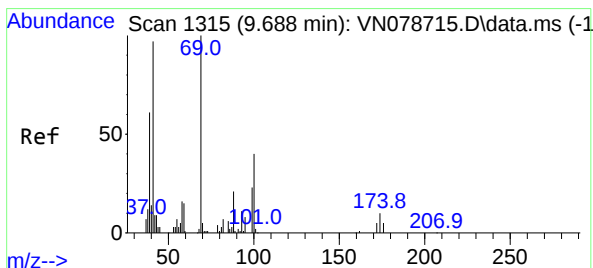
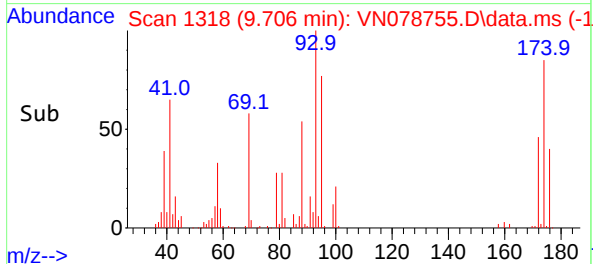
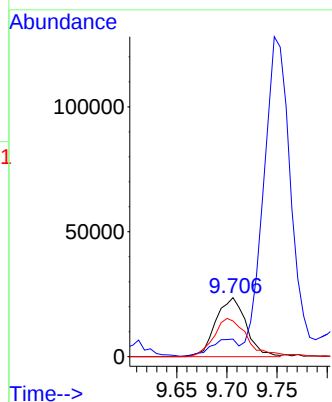
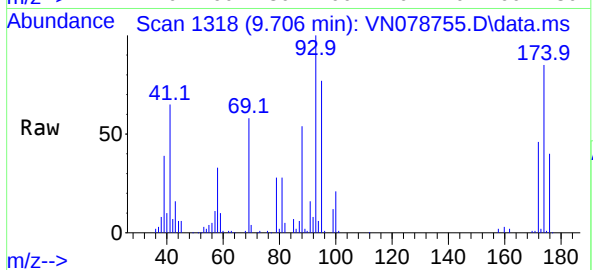




#45
1,4-Dioxane
Concen: 404.367 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

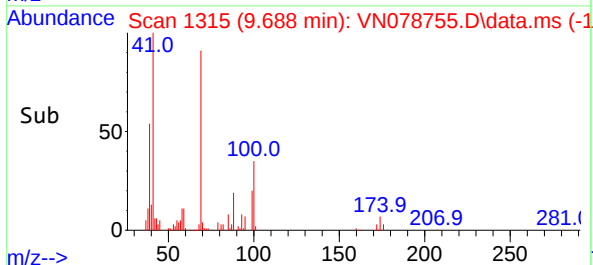
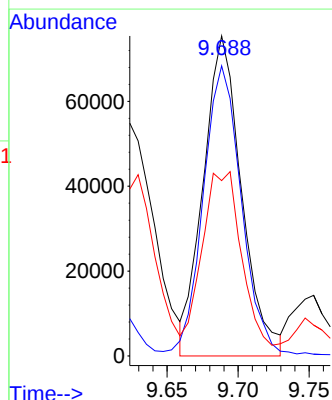
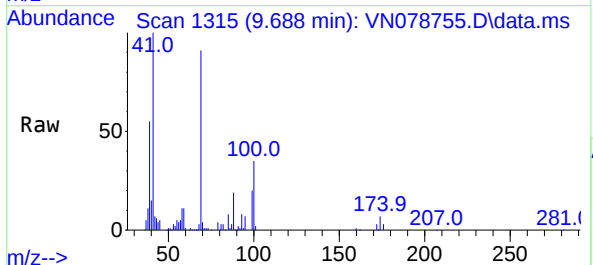
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

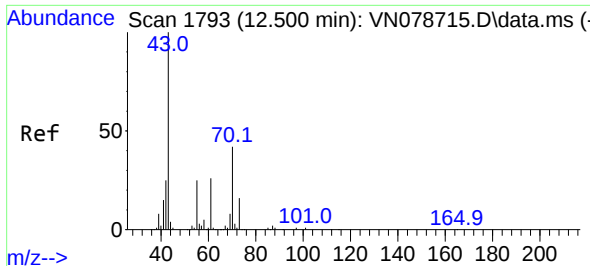
Tgt Ion: 88 Resp: 50022
Ion Ratio Lower Upper
88 100
43 25.3 19.0 28.6
58 70.3 48.2 72.2



#46
Methyl methacrylate
Concen: 22.904 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 41 Resp: 141055
Ion Ratio Lower Upper
41 100
69 95.4 49.0 147.0
39 54.6 31.6 94.8

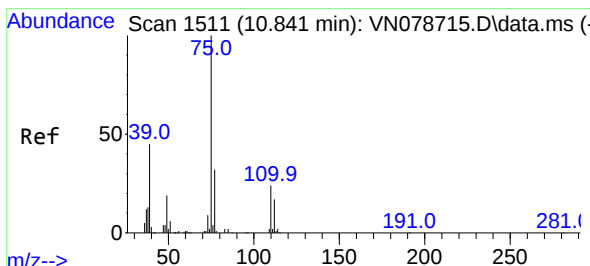
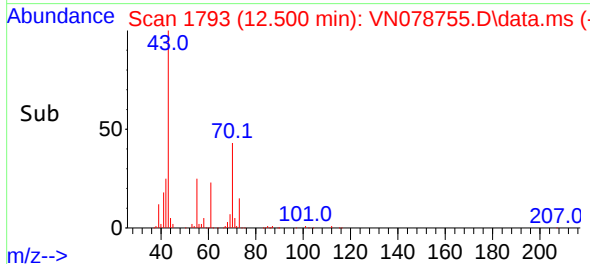
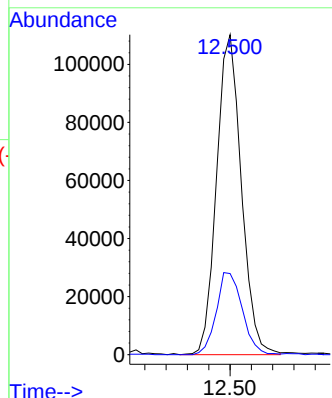
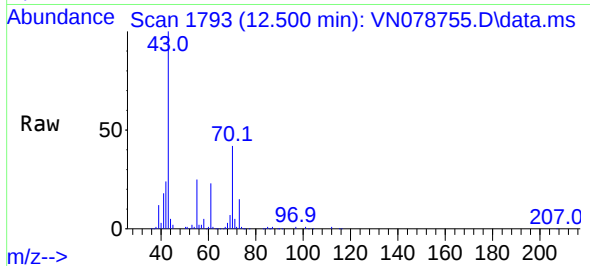




#47
n-amy1 Acetate
Concen: 17.165 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

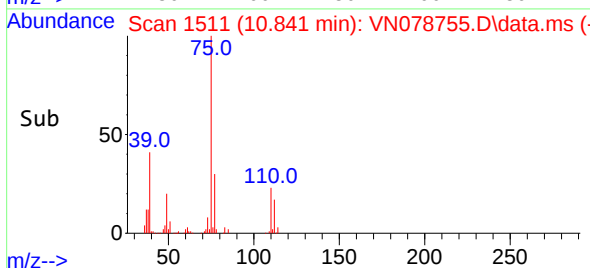
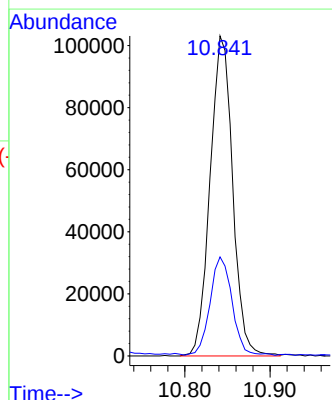
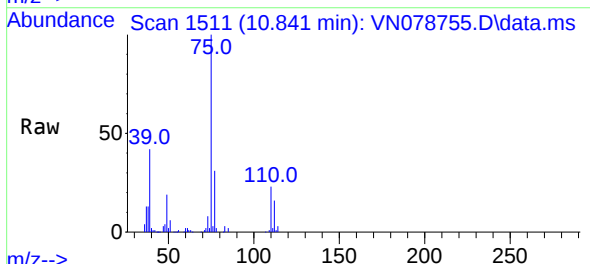
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

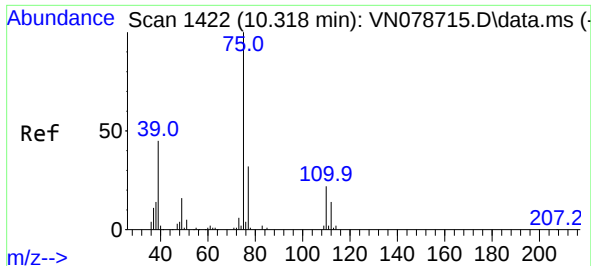
Tgt Ion: 43 Resp: 177787
Ion Ratio Lower Upper
43 100
55 26.9 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 17.001 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 75 Resp: 189626
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1



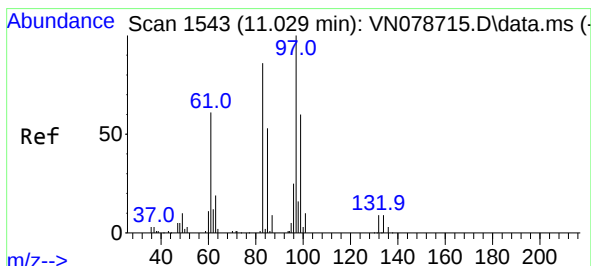
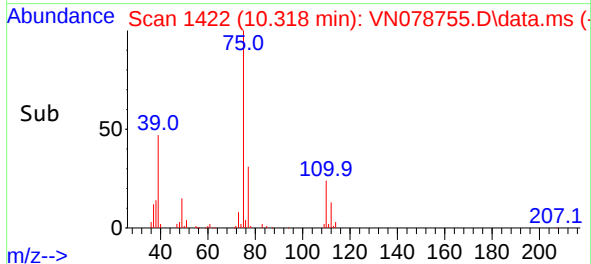
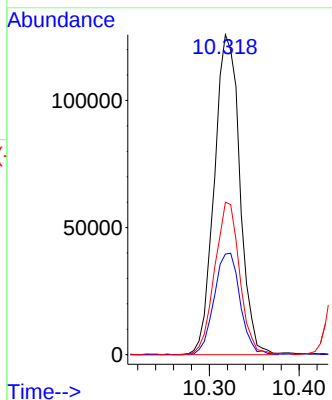
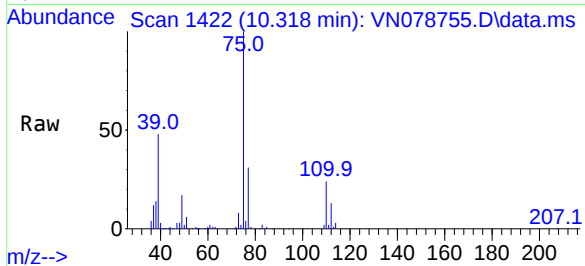


#49
 cis-1,3-Dichloropropene
 Concen: 20.945 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078755.D
 Acq: 03 Aug 2023 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 75 Resp: 248135

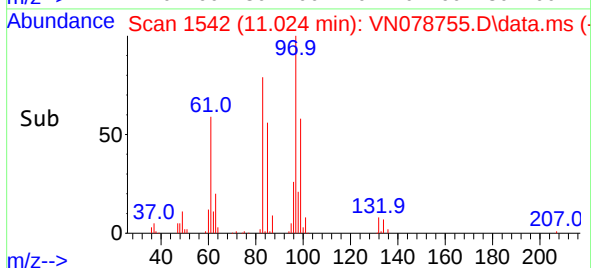
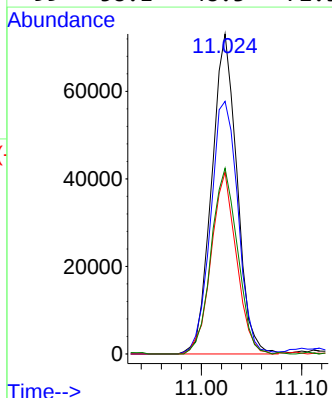
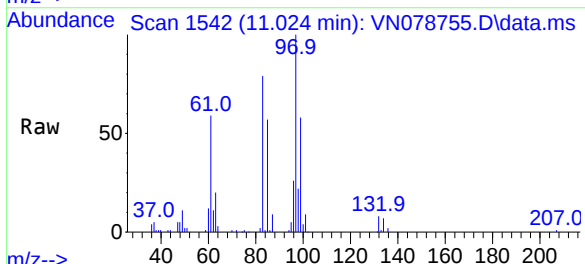
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.0	36.0
39	47.6	35.1	52.7

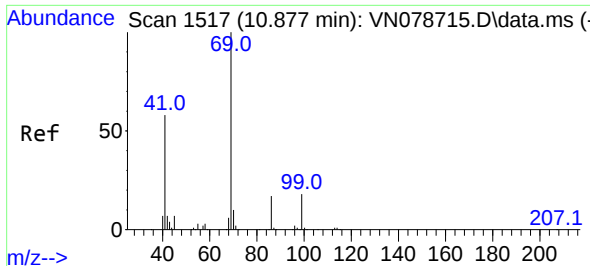


#50
 1,1,2-Trichloroethane
 Concen: 17.287 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078755.D
 Acq: 03 Aug 2023 16:07

Tgt Ion: 97 Resp: 127919

Ion	Ratio	Lower	Upper
97	100		
83	79.0	66.8	100.2
85	56.8	42.5	63.7
99	58.1	48.3	72.5

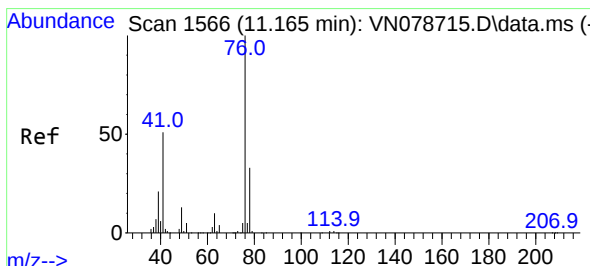
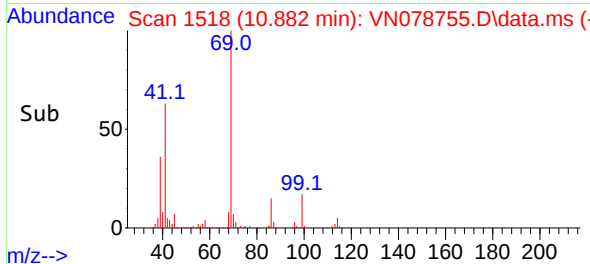
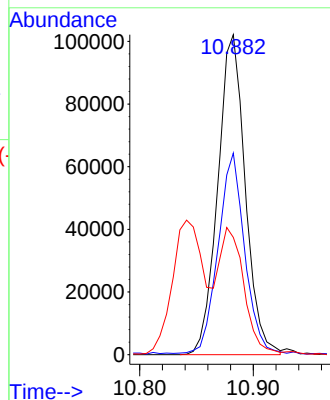
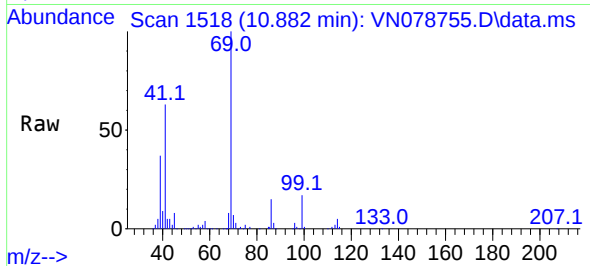




#51
Ethyl methacrylate
Concen: 16.945 ug/l
RT: 10.882 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

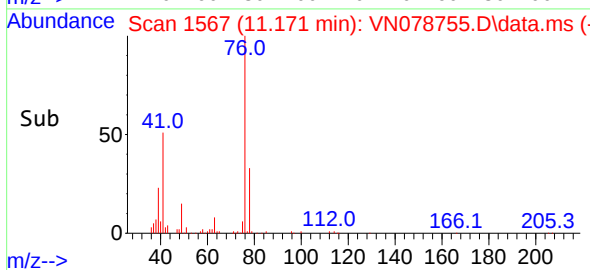
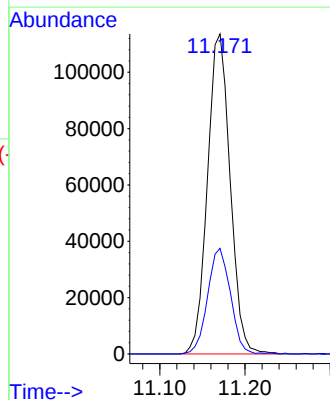
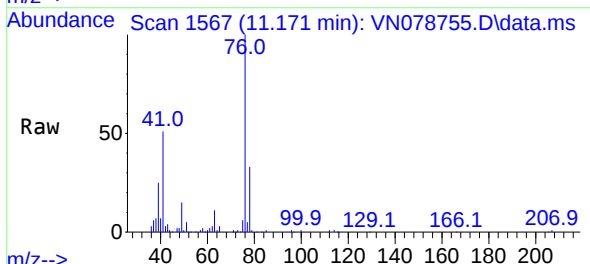
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

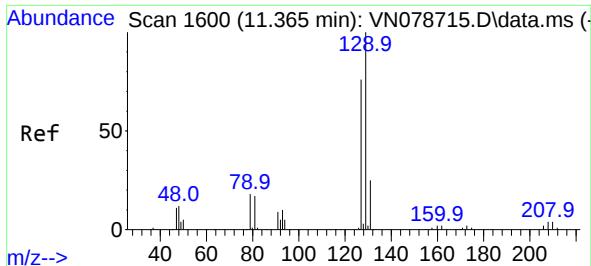
Tgt Ion: 69 Resp: 171661
Ion Ratio Lower Upper
69 100
41 62.5 26.0 78.0
39 35.9 16.3 48.9



#52
1,3-Dichloropropane
Concen: 15.804 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 76 Resp: 210190
Ion Ratio Lower Upper
76 100
78 33.0 0.0 66.2

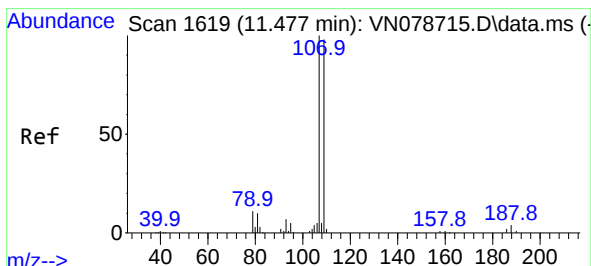
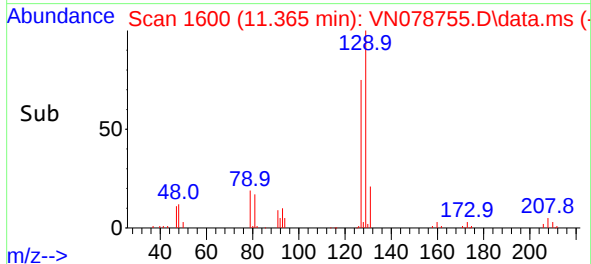
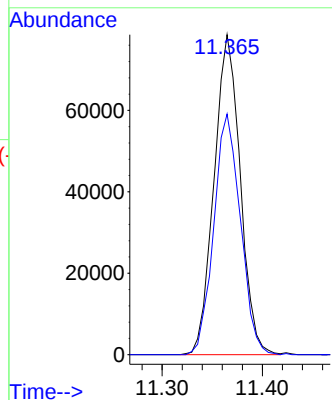
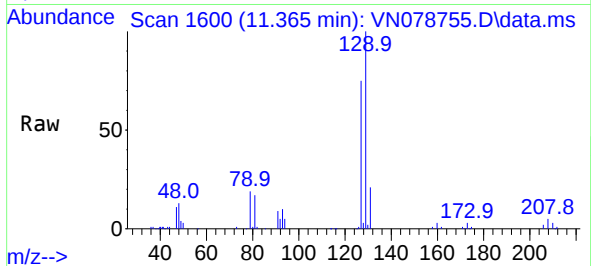




#53
Dibromochloromethane
Concen: 17.079 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

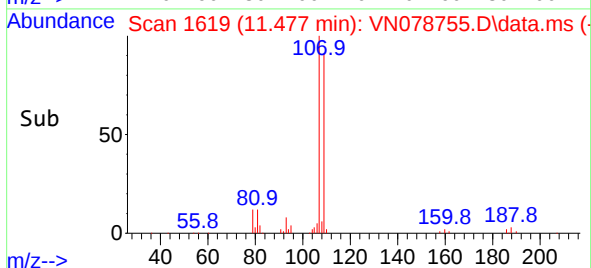
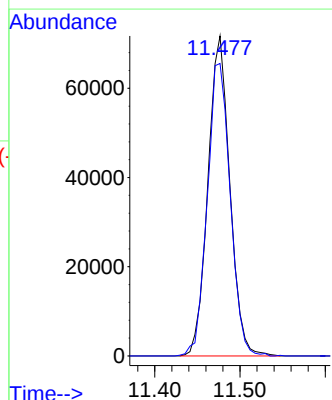
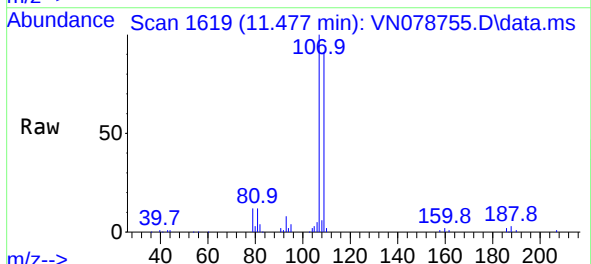
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

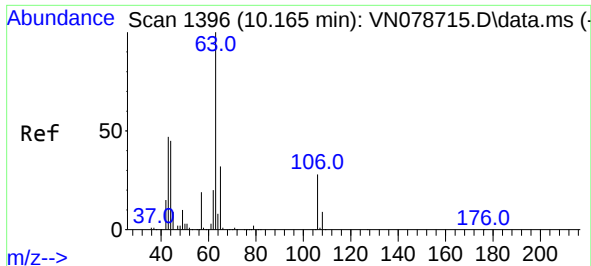
Tgt Ion:129 Resp: 142765
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 17.261 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:107 Resp: 128251
Ion Ratio Lower Upper
107 100
109 95.6 74.6 112.0

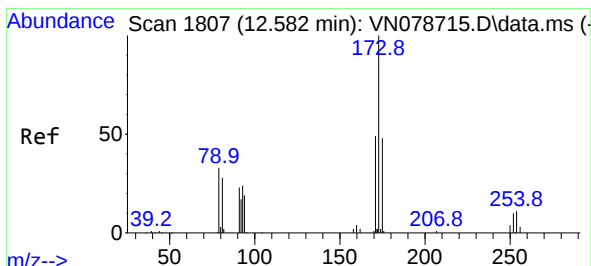
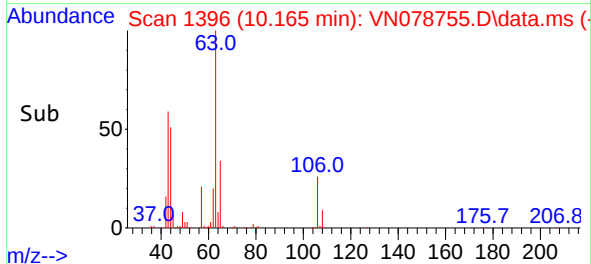
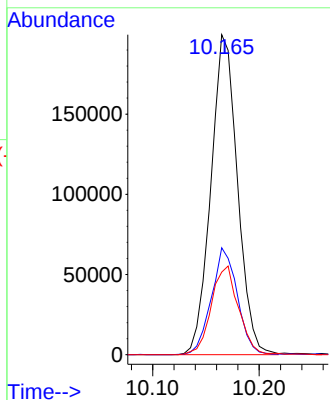
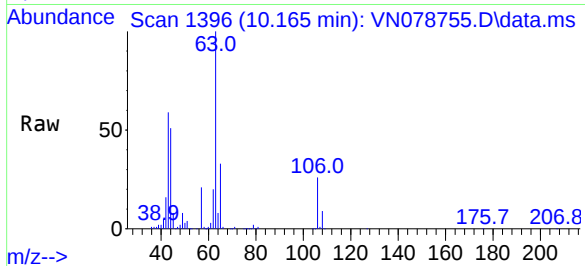




#55
2-Chloroethyl vinyl ether
Concen: 107.247 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

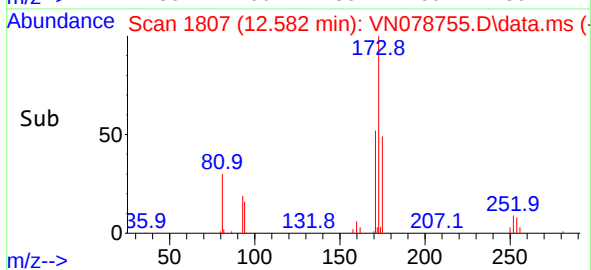
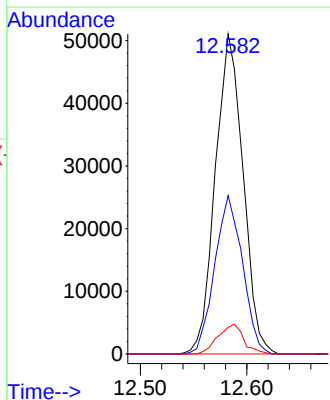
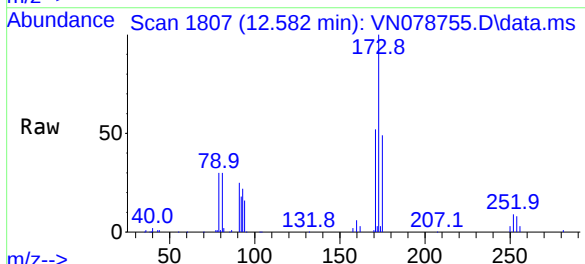
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

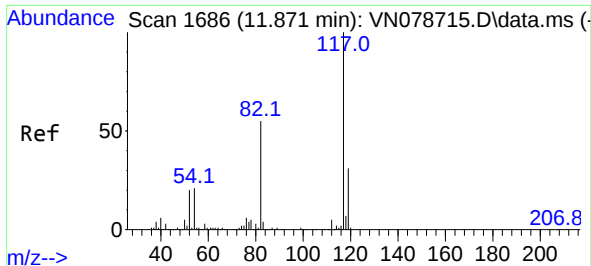
Tgt Ion: 63 Resp: 346208
Ion Ratio Lower Upper
63 100
65 32.7 26.3 39.5
106 28.2 23.8 35.6



#56
Bromoform
Concen: 16.869 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 173 Resp: 92265
Ion Ratio Lower Upper
173 100
175 49.5 40.7 61.1
254 8.6 6.5 9.7

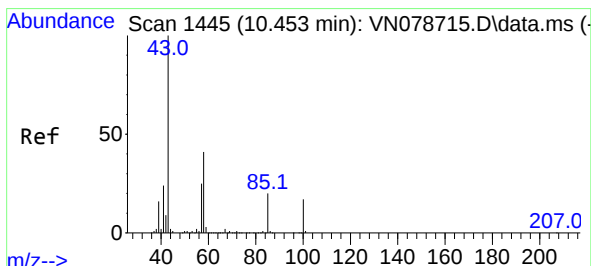
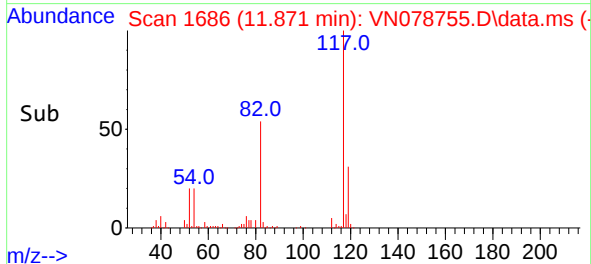
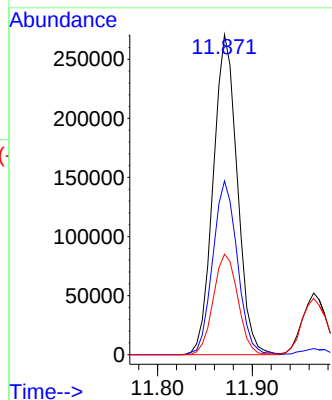
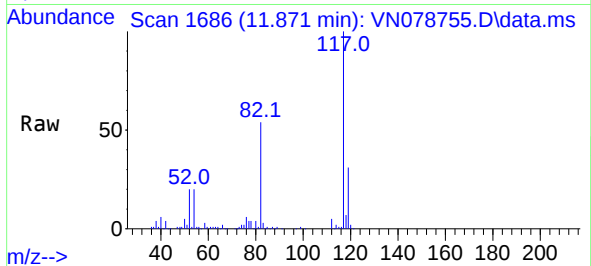




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

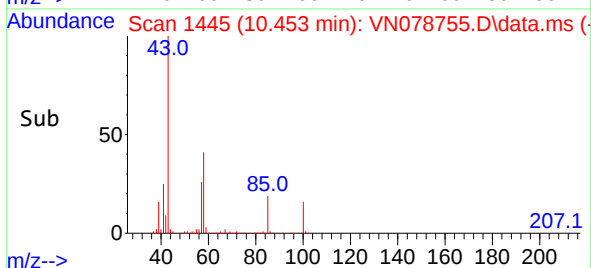
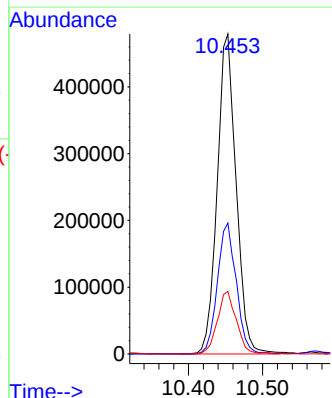
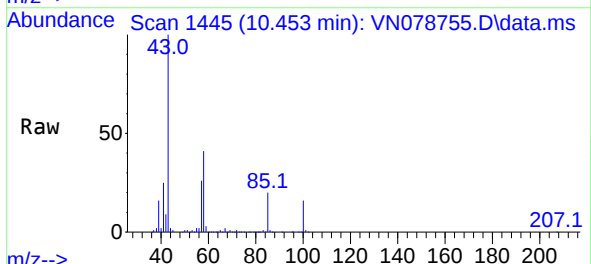
Instrument :
MSVOA_N
ClientSampleId :
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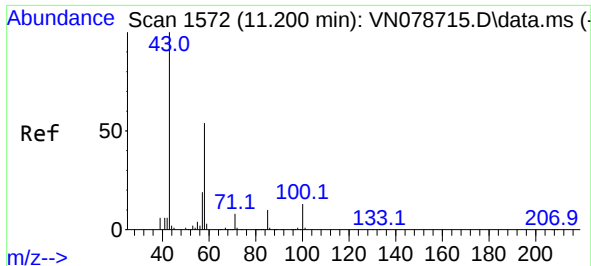
Tgt Ion:117 Resp: 478886
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 32.1 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 118.392 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 43 Resp: 848622
Ion Ratio Lower Upper
43 100
58 40.6 32.6 48.8
85 19.4 16.2 24.2

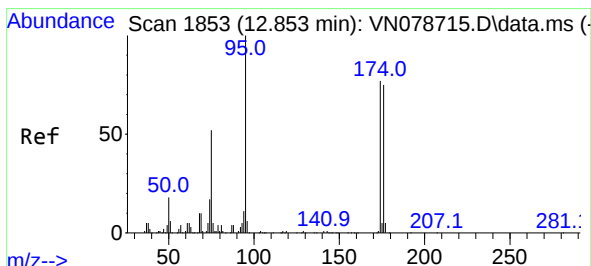
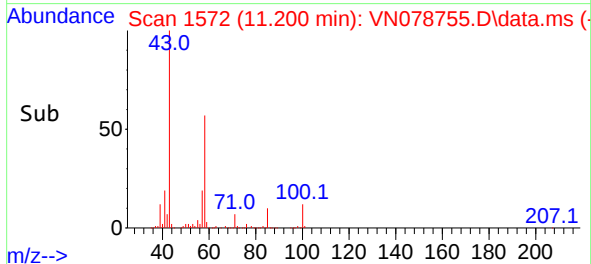
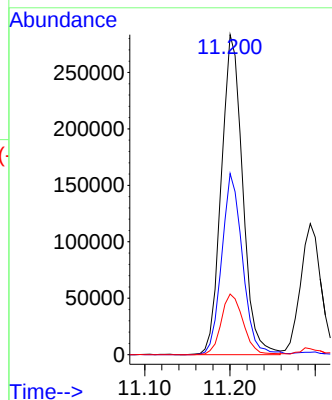
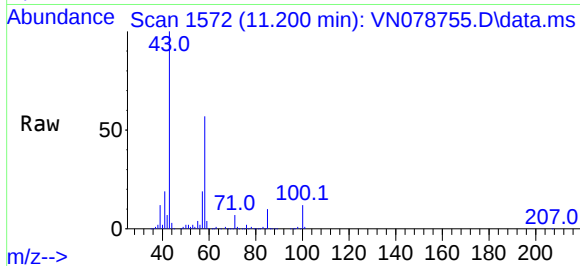




#59
2-Hexanone
Concen: 91.057 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

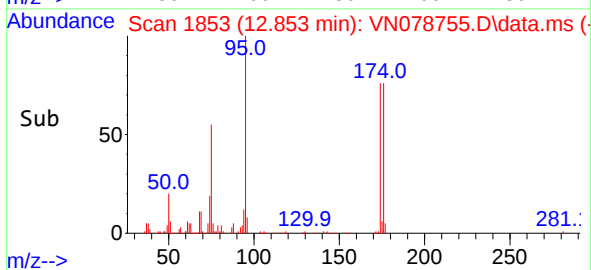
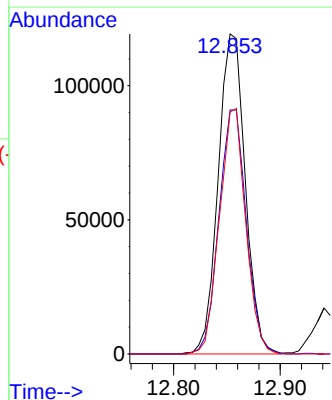
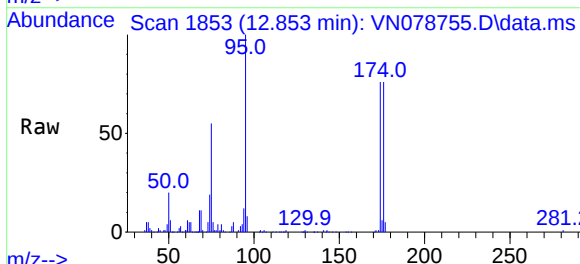
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

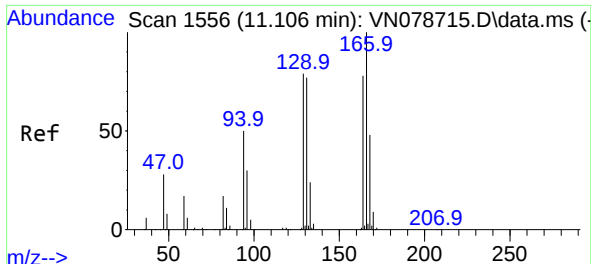
Tgt Ion: 43 Resp: 494193
Ion Ratio Lower Upper
43 100
58 54.9 45.9 68.9
57 19.6 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.295 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 95 Resp: 210241
Ion Ratio Lower Upper
95 100
174 77.4 61.7 92.5
176 74.4 58.1 87.1

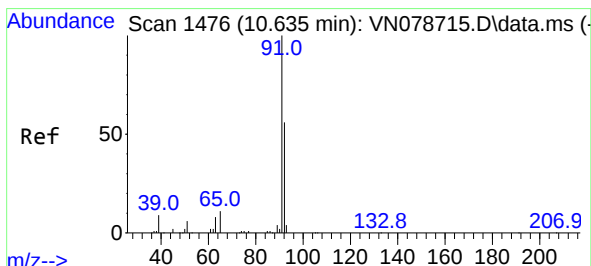
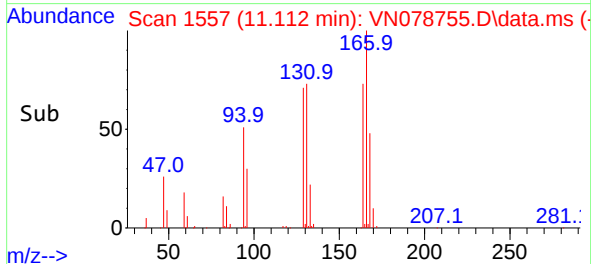
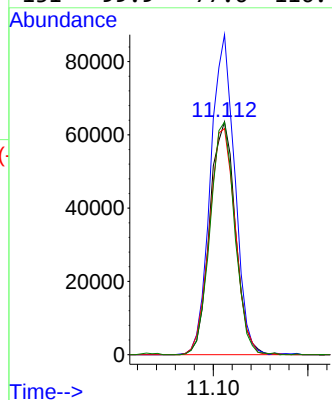
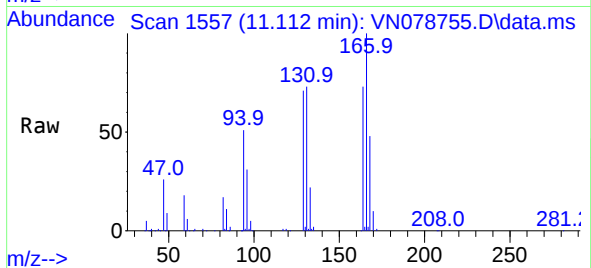




#61
Tetrachloroethene
Concen: 18.980 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

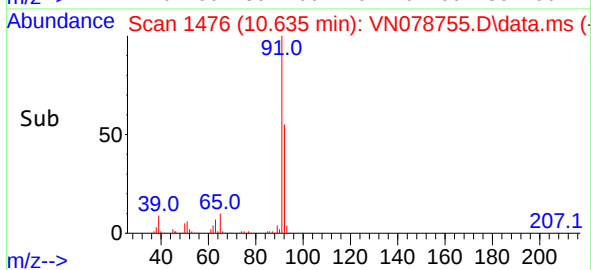
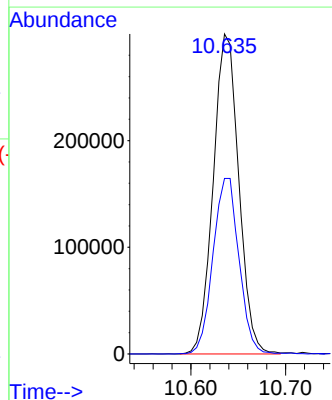
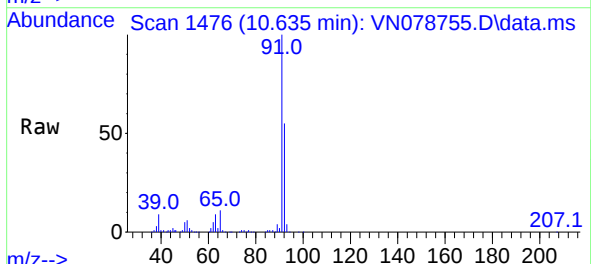
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

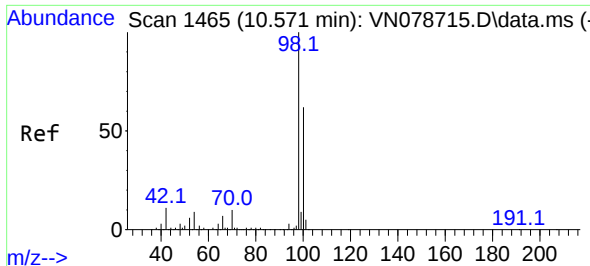
Tgt Ion:164 Resp: 119523
Ion Ratio Lower Upper
164 100
166 137.1 99.1 148.7
129 97.1 85.6 128.4
131 99.9 77.6 116.4



#62
Toluene
Concen: 19.538 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 91 Resp: 562798
Ion Ratio Lower Upper
91 100
92 55.7 45.2 67.8

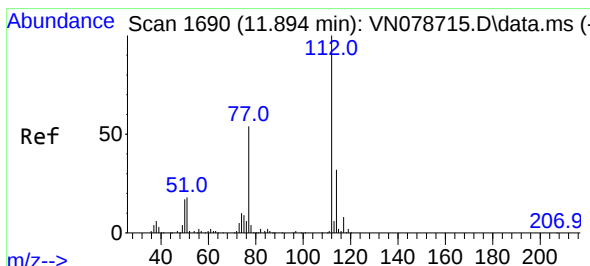
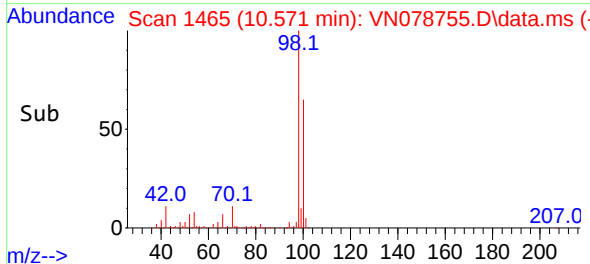
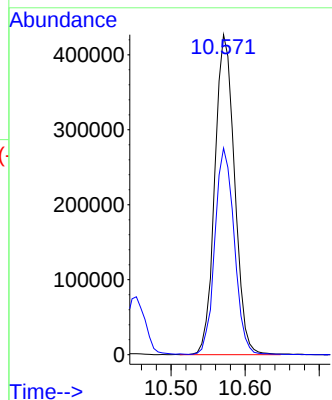
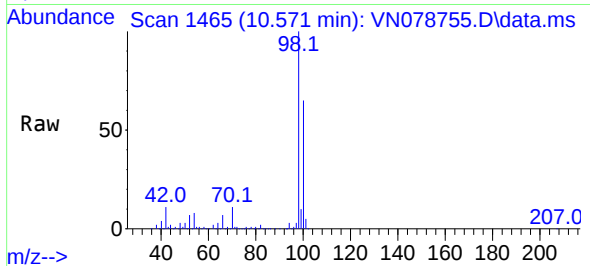




#63
Toluene-d8
Concen: 33.439 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

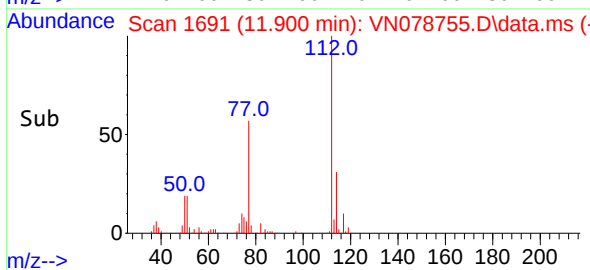
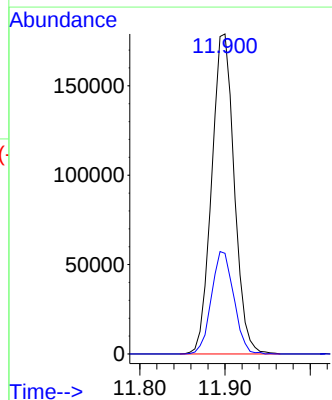
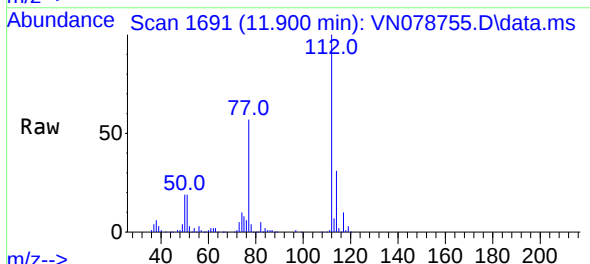
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

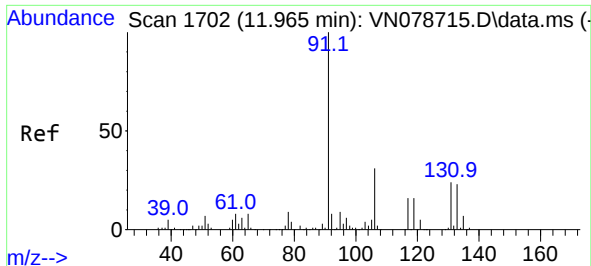
Tgt Ion: 98 Resp: 791046
Ion Ratio Lower Upper
98 100
100 63.0 49.7 74.5



#64
Chlorobenzene
Concen: 19.588 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 112 Resp: 329428
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

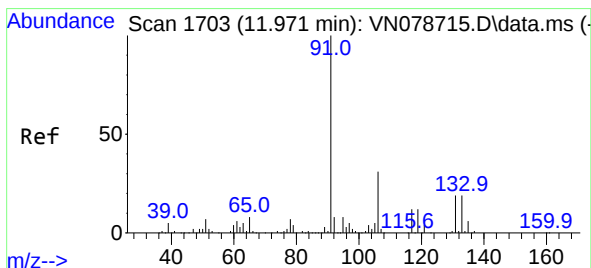
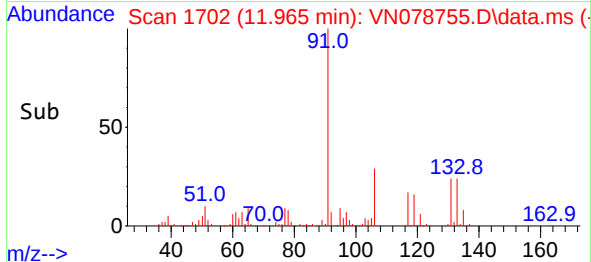
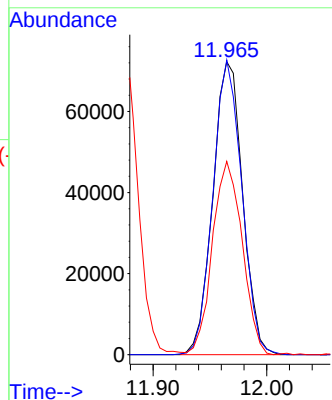
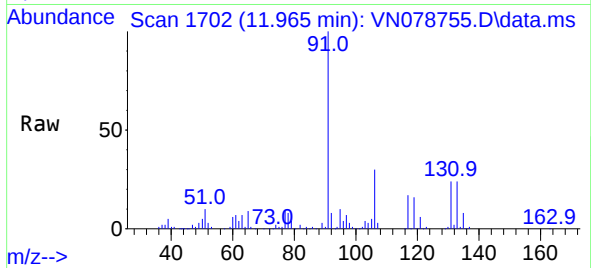




#65
1,1,1,2-Tetrachloroethane
Concen: 19.818 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

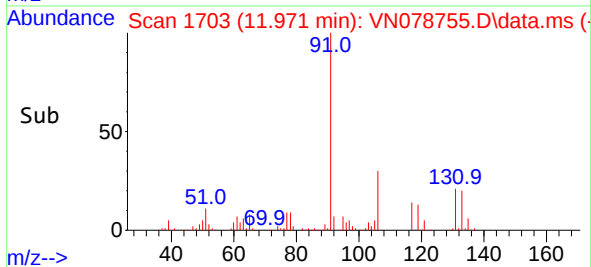
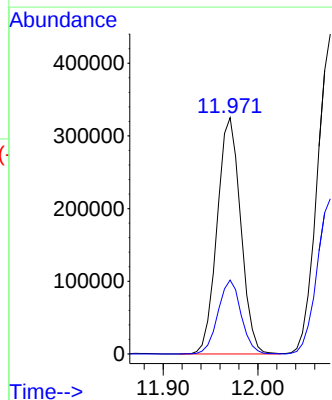
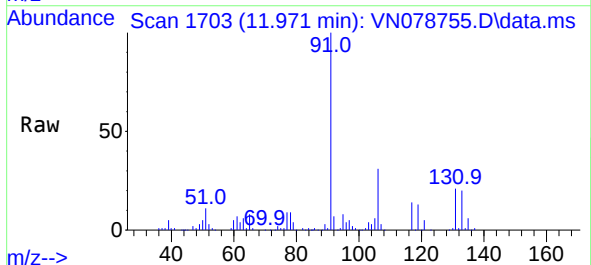
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

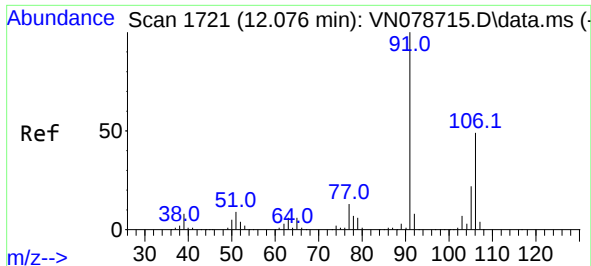
Tgt Ion:131 Resp: 131447
Ion Ratio Lower Upper
131 100
133 97.7 0.0 191.8
119 66.0 0.0 132.0



#66
Ethyl Benzene
Concen: 19.354 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 91 Resp: 561876
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

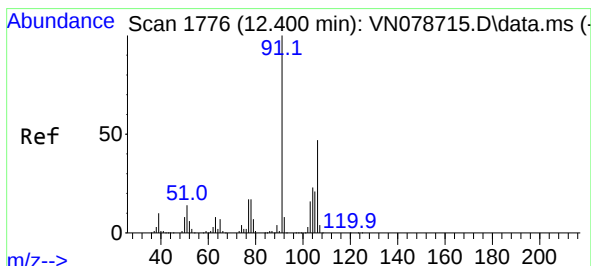
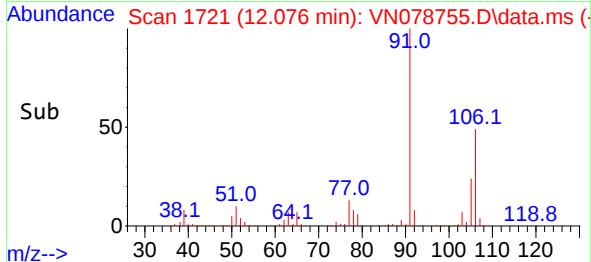
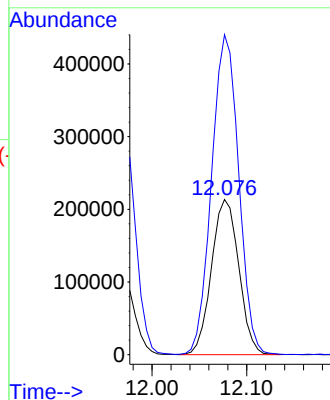
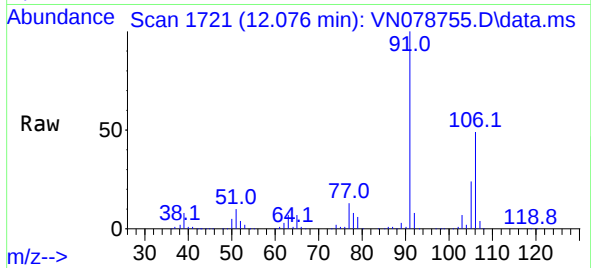




#67
m/p-Xylenes
Concen: 38.671 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

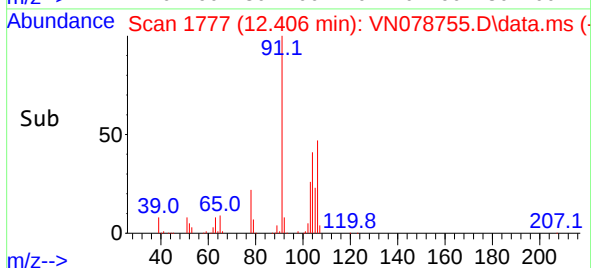
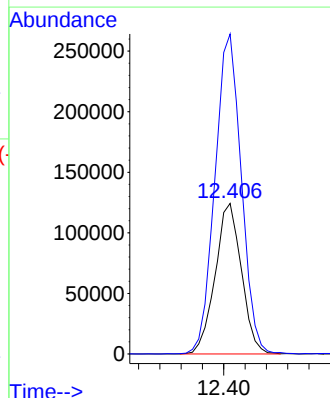
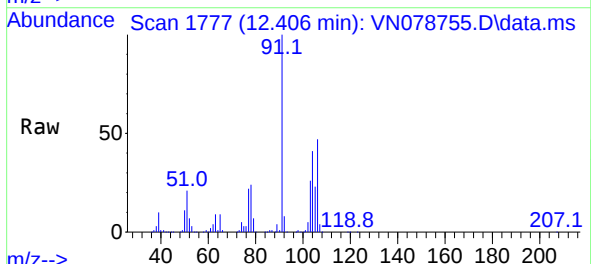
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

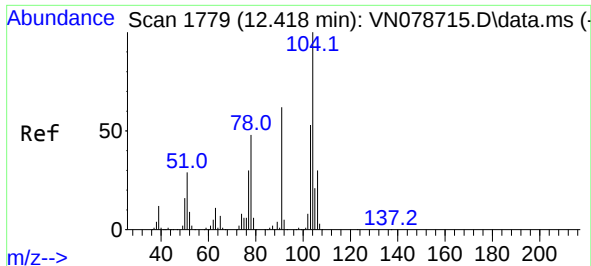
Tgt Ion:106 Resp: 428840
Ion Ratio Lower Upper
106 100
91 204.6 162.5 243.7



#68
o-Xylene
Concen: 18.829 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:106 Resp: 212459
Ion Ratio Lower Upper
106 100
91 213.8 106.1 318.3





#69

Styrene

Concen: 18.353 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

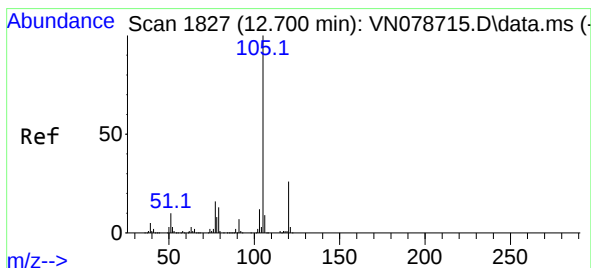
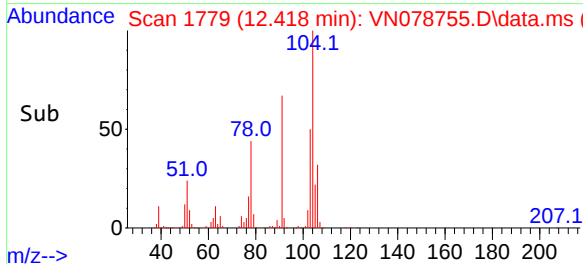
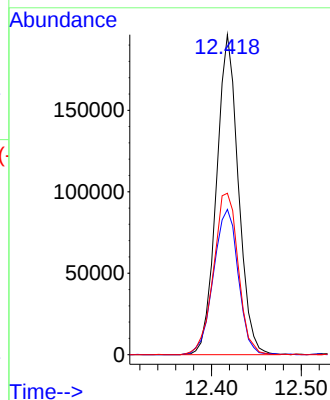
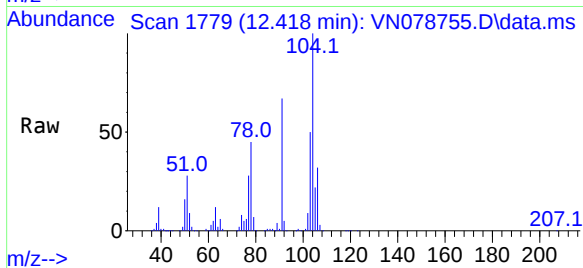
Tgt Ion:104 Resp: 333205

Ion Ratio Lower Upper

104 100

78 51.4 40.1 60.1

103 56.8 45.1 67.7



#70

Isopropylbenzene

Concen: 18.534 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078755.D

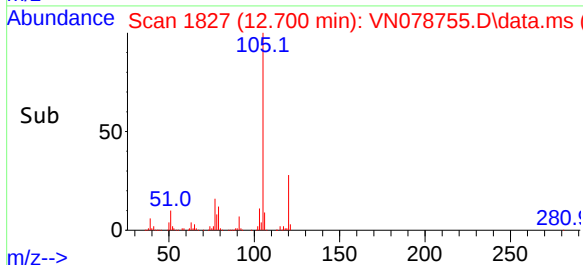
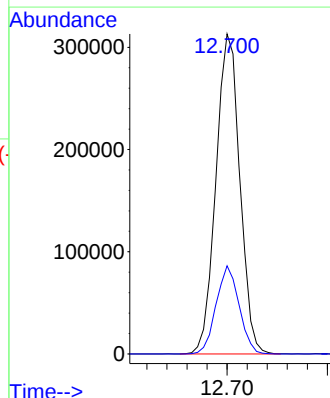
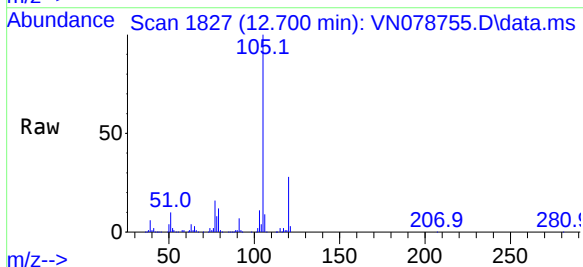
Acq: 03 Aug 2023 16:07

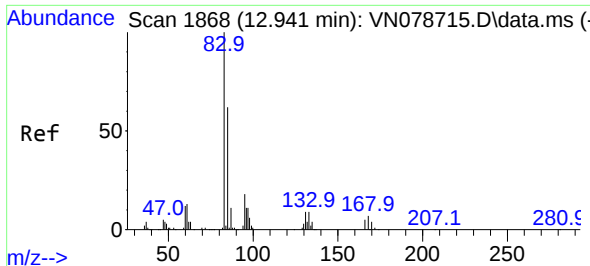
Tgt Ion:105 Resp: 517351

Ion Ratio Lower Upper

105 100

120 26.4 18.3 34.1

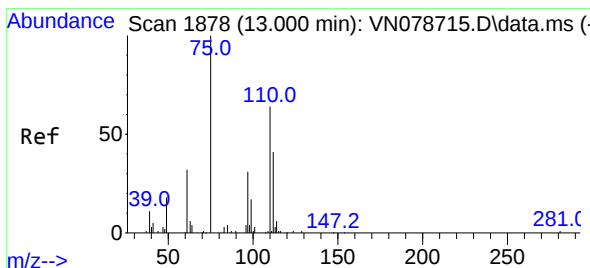
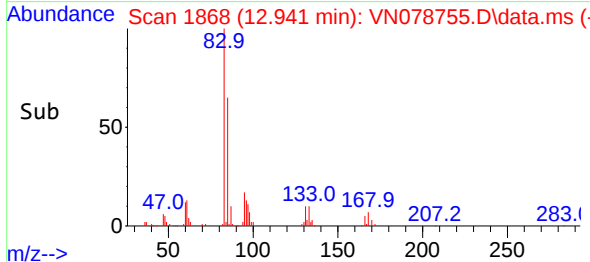
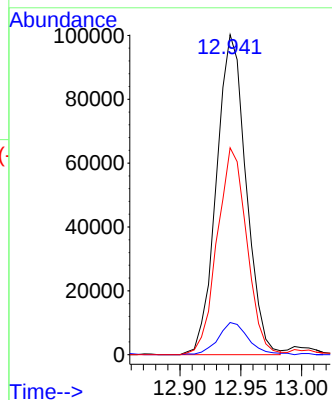
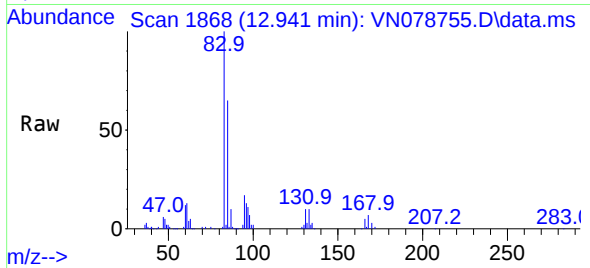




#71
1,1,2,2-Tetrachloroethane
Concen: 18.723 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

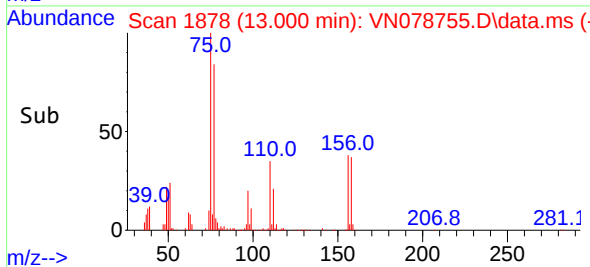
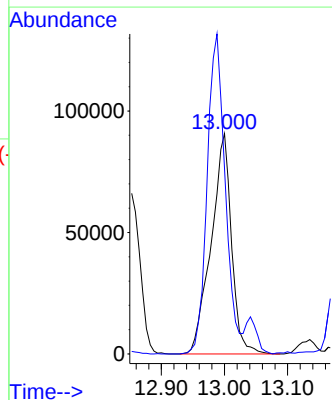
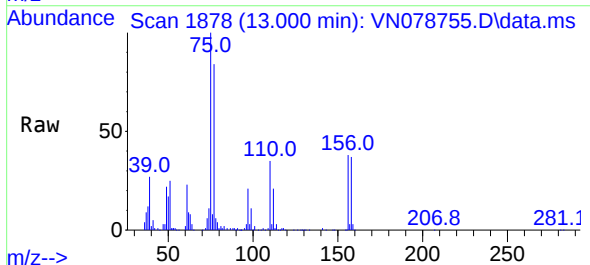
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

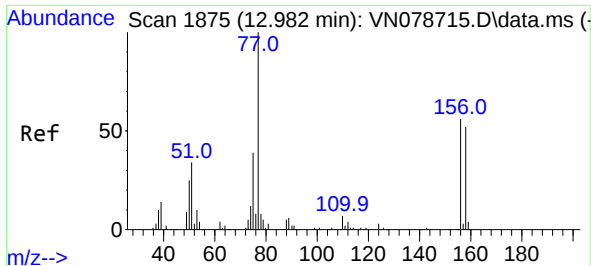
Tgt Ion: 83 Resp: 169770
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 64.7 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 26.752 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 75 Resp: 203495
Ion Ratio Lower Upper
75 100
77 127.4 0.0 387.4

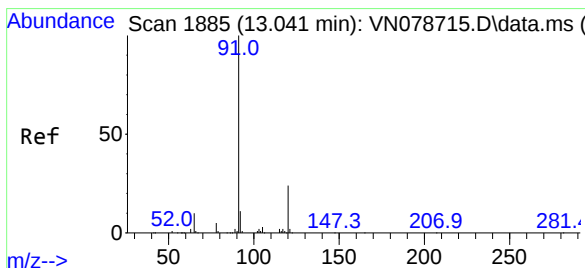
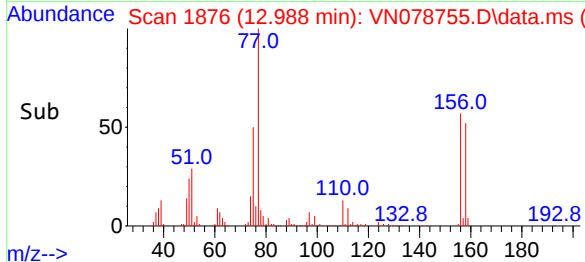
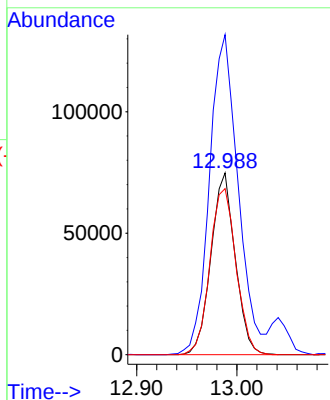
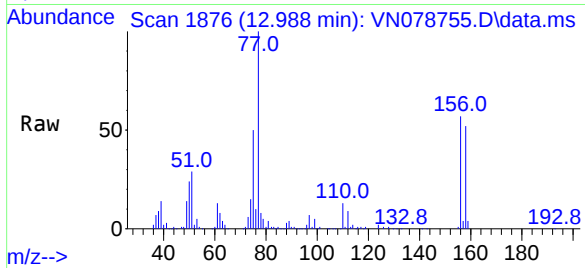




#73
Bromobenzene
Concen: 18.326 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

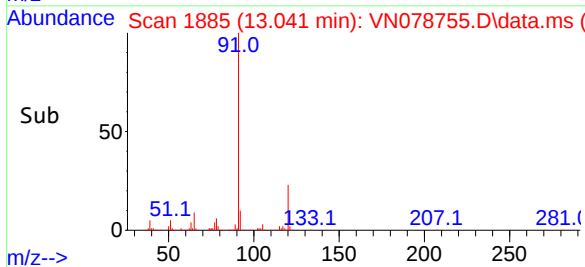
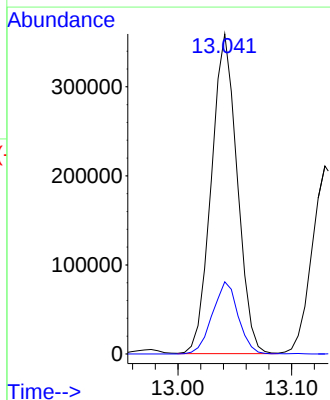
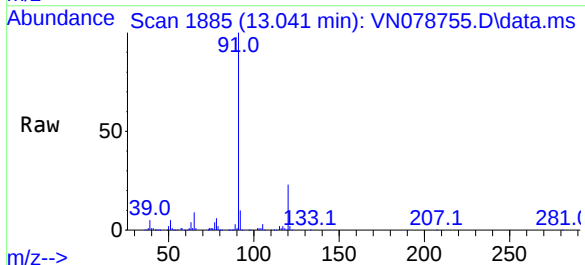
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

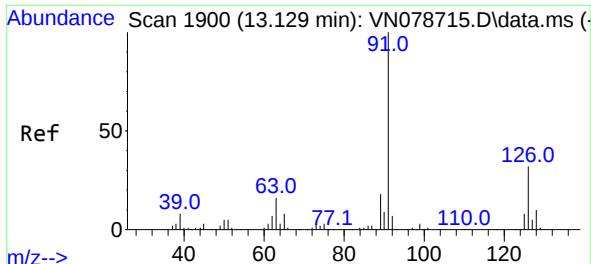
Tgt Ion:156 Resp: 125383
Ion Ratio Lower Upper
156 100
77 206.8 0.0 420.8
158 98.9 0.0 193.2



#74
n-propylbenzene
Concen: 18.354 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 91 Resp: 567858
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6

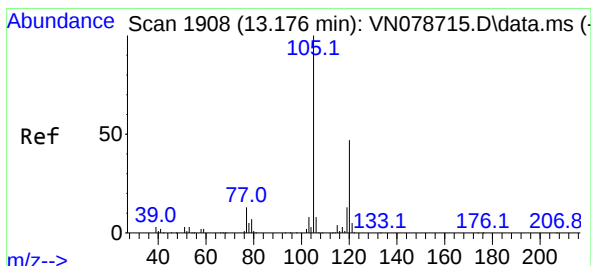
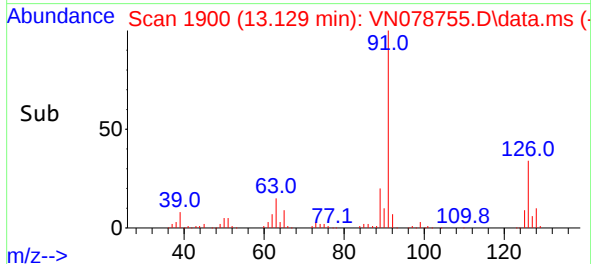
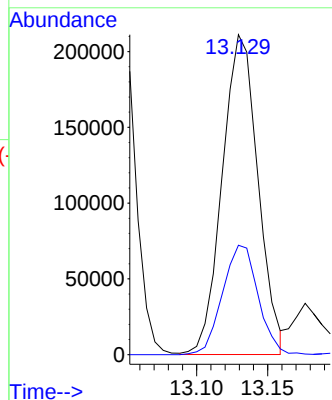
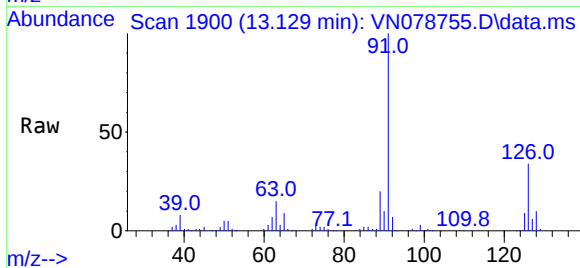




#75
2-Chlorotoluene
Concen: 17.310 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

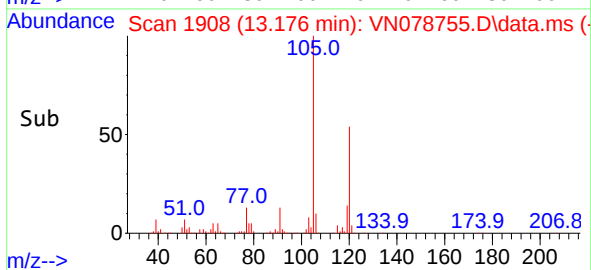
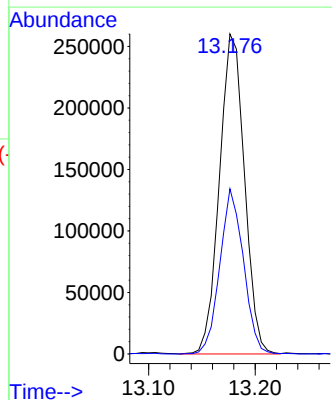
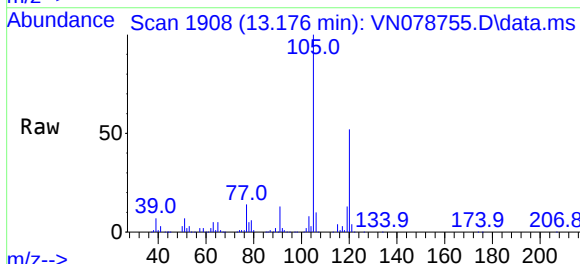
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

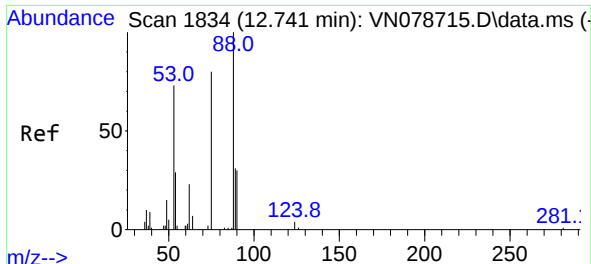
Tgt Ion: 91 Resp: 369864
Ion Ratio Lower Upper
91 100
126 34.1 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 17.043 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 105 Resp: 424757
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2

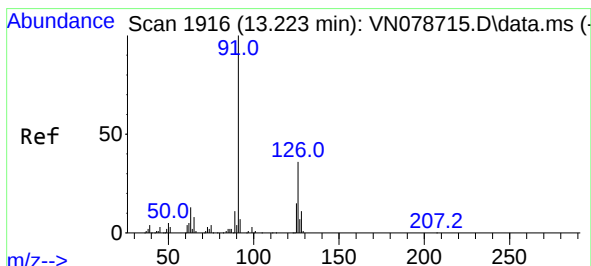
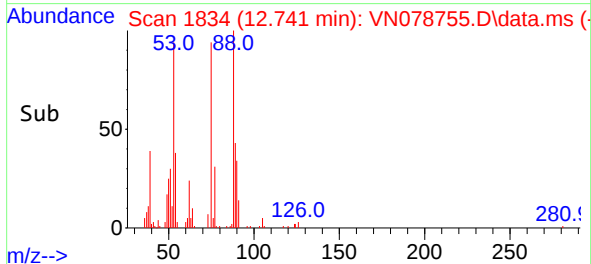
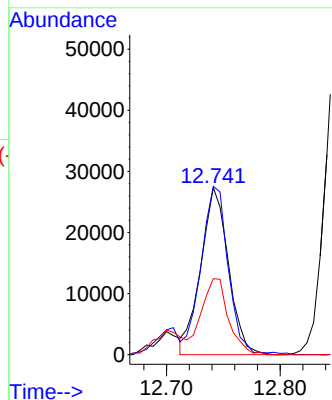
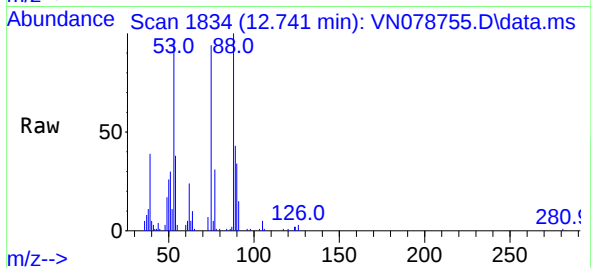




#77
t-1,4-Dichloro-2-butene
Concen: 17.411 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

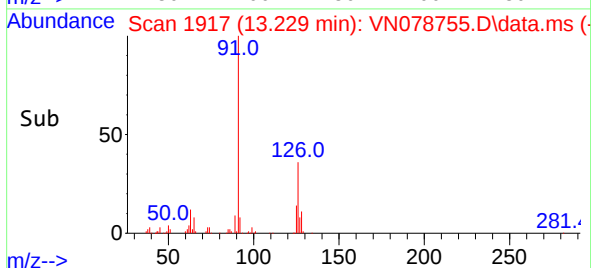
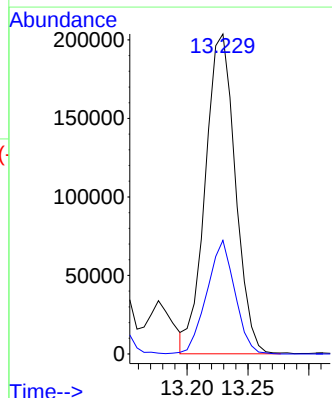
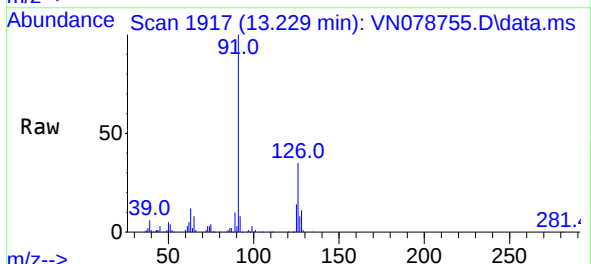
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

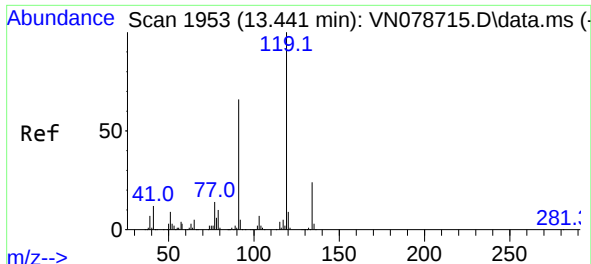
Tgt Ion: 75 Resp: 46287
Ion Ratio Lower Upper
75 100
53 99.9 41.6 124.9
89 44.8 25.1 75.4



#78
4-Chlorotoluene
Concen: 16.965 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 91 Resp: 349989
Ion Ratio Lower Upper
91 100
126 33.1 0.0 68.8





#79

tert-butylbenzene

Concen: 15.933 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078755.D

Acq: 03 Aug 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

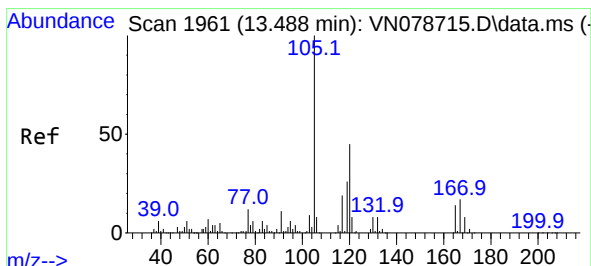
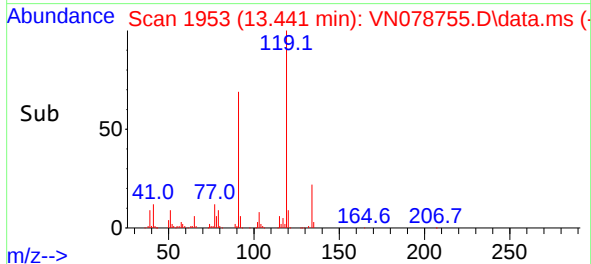
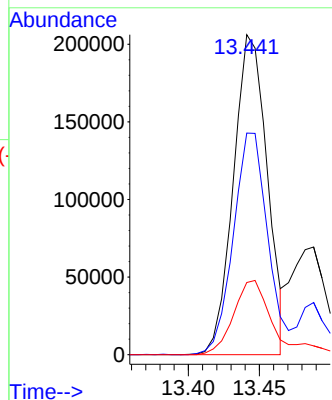
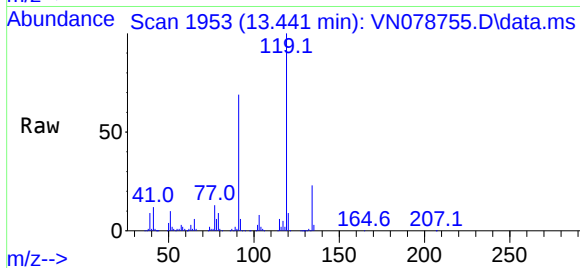
Tgt Ion:119 Resp: 341767

Ion Ratio Lower Upper

119 100

91 70.7 0.0 126.6

134 25.0 0.0 44.0



#80

1,2,4-Trimethylbenzene

Concen: 17.373 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078755.D

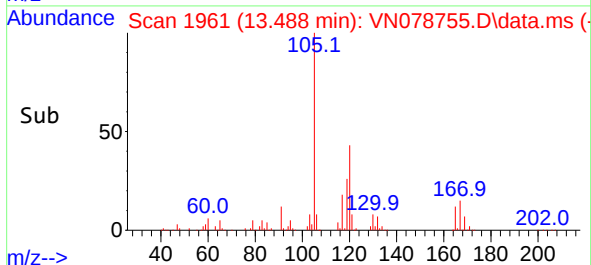
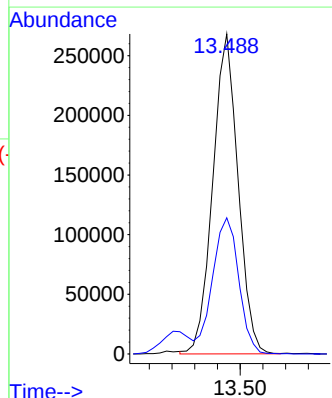
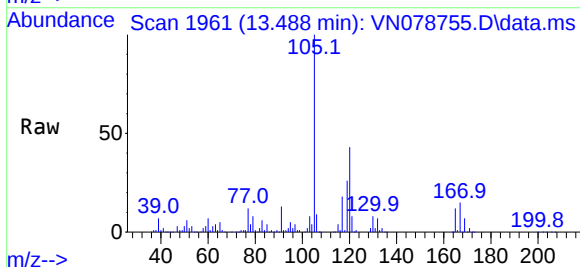
Acq: 03 Aug 2023 16:07

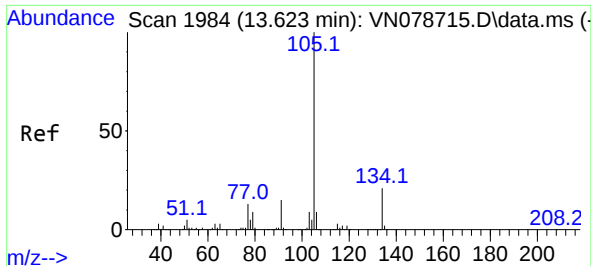
Tgt Ion:105 Resp: 413529

Ion Ratio Lower Upper

105 100

120 44.1 0.0 88.2

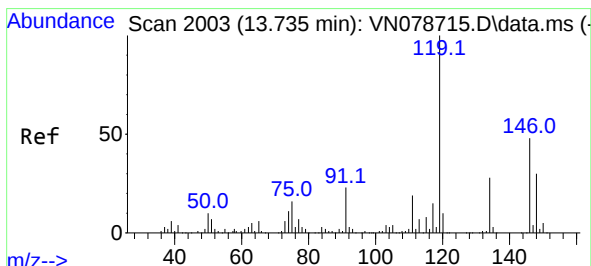
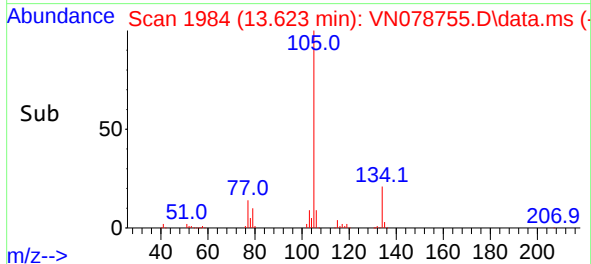
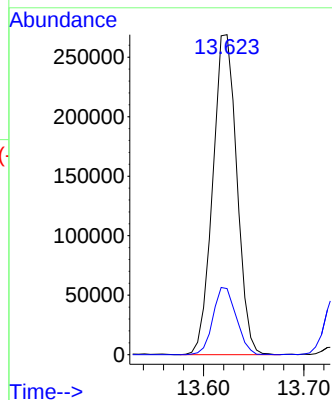
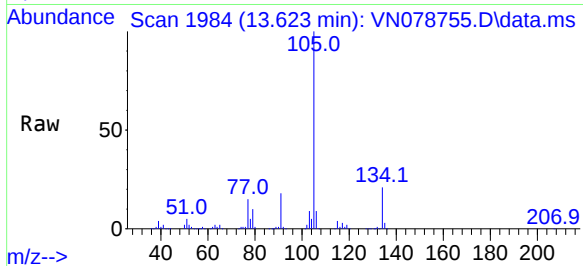




#81
sec-Butylbenzene
Concen: 16.306 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

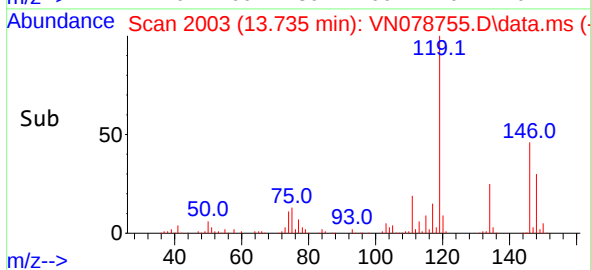
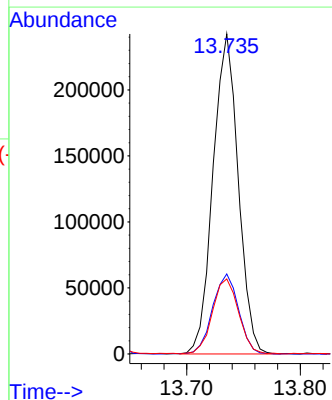
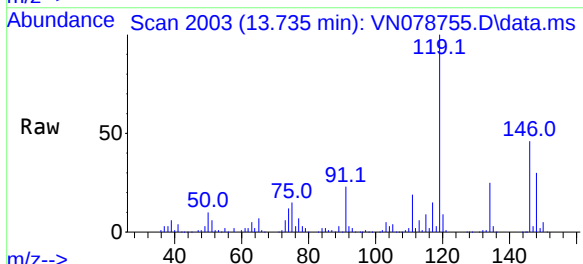
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

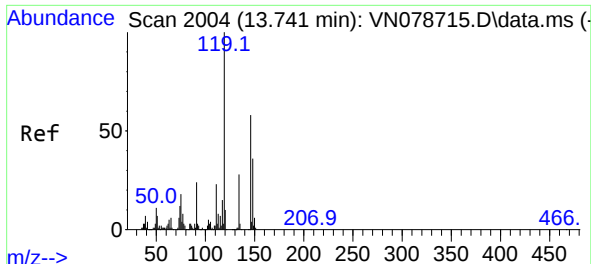
Tgt Ion:105 Resp: 448337
Ion Ratio Lower Upper
105 100
134 20.3 0.0 38.6



#82
p-Isopropyltoluene
Concen: 16.567 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:119 Resp: 373977
Ion Ratio Lower Upper
119 100
134 25.8 0.0 52.4
91 24.3 0.0 48.2

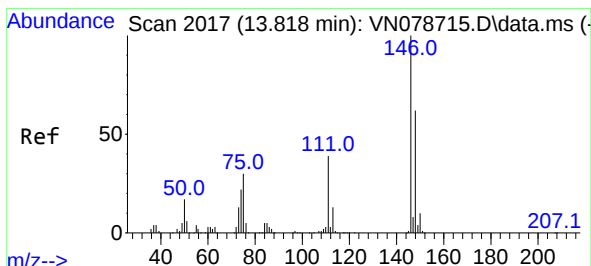
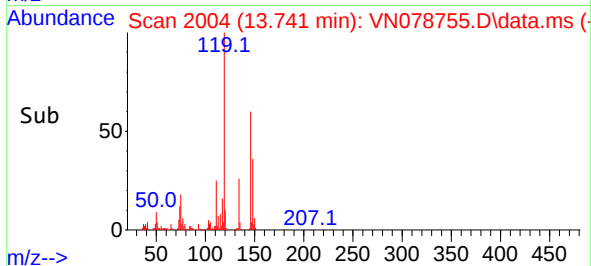
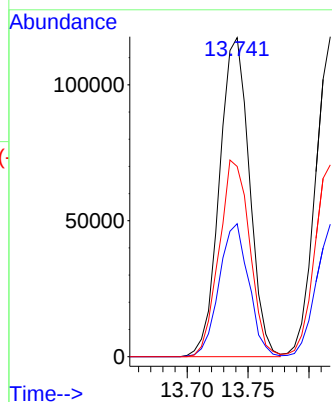
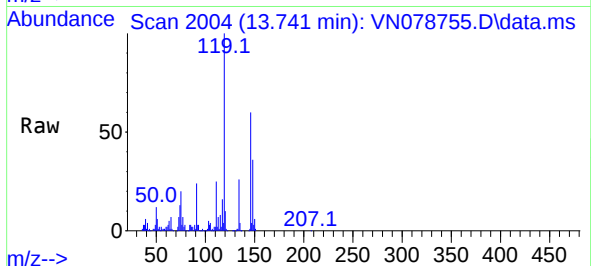




#83
1,3-Dichlorobenzene
Concen: 16.553 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

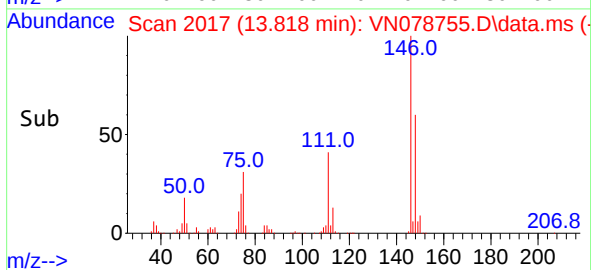
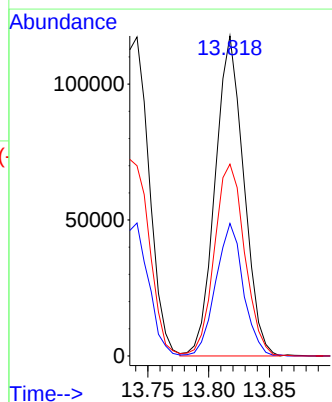
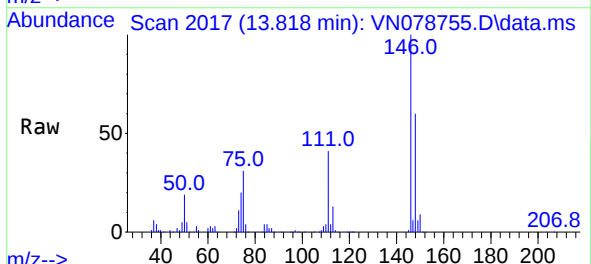
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

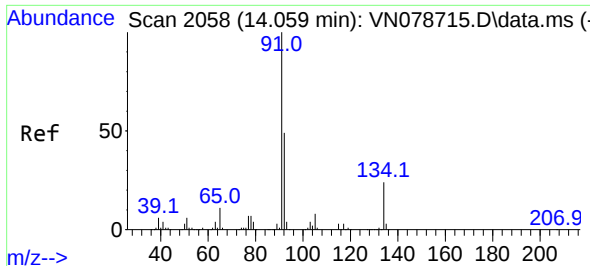
Tgt Ion:146 Resp: 200835
Ion Ratio Lower Upper
146 100
111 41.3 21.6 64.6
148 63.0 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 16.964 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:146 Resp: 192694
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 63.0 31.4 94.3

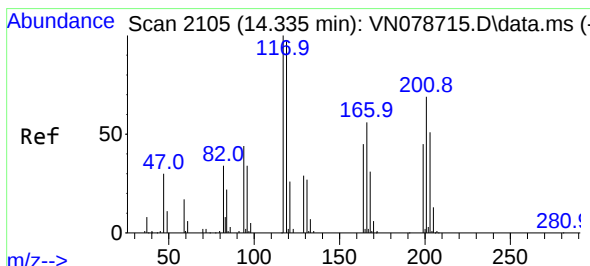
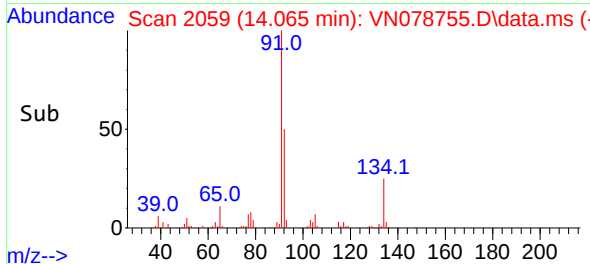
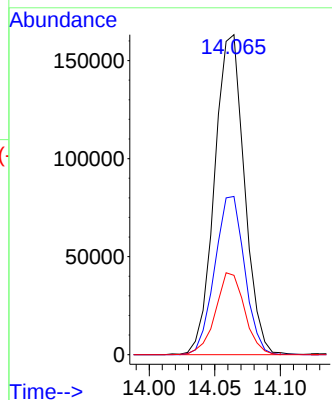
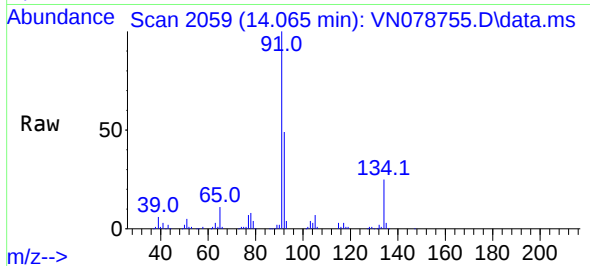




#85
n-Butylbenzene
Concen: 16.488 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

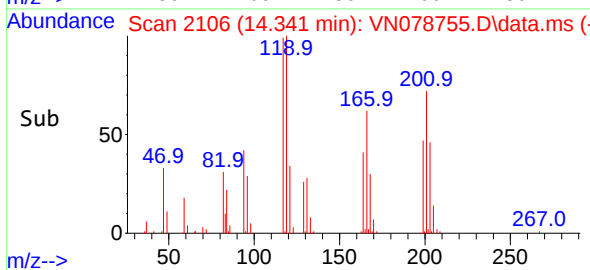
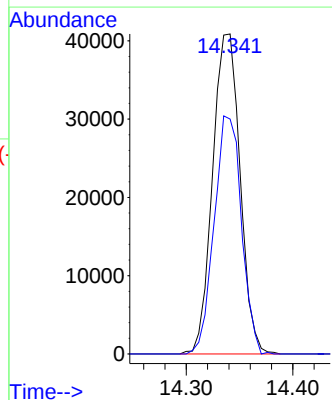
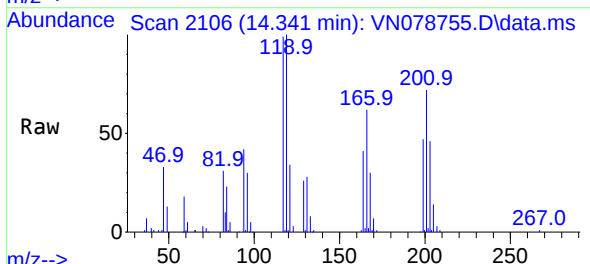
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

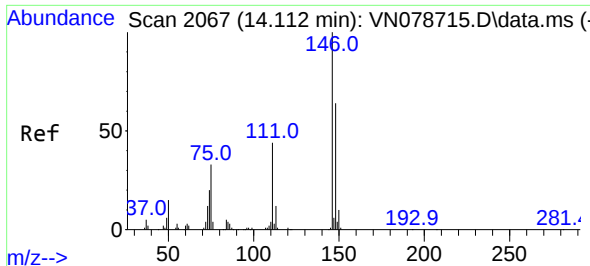
Tgt Ion: 91 Resp: 258077
Ion Ratio Lower Upper
91 100
92 49.6 0.0 99.6
134 25.0 0.0 50.0



#86
Hexachloroethane
Concen: 17.793 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 117 Resp: 73177
Ion Ratio Lower Upper
117 100
201 73.7 34.2 102.6

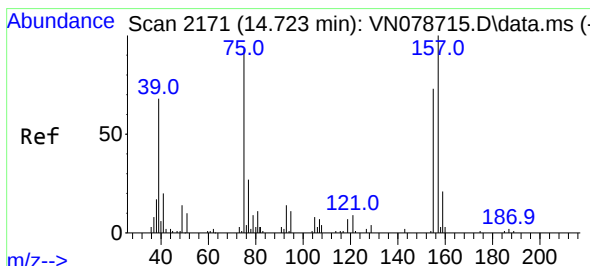
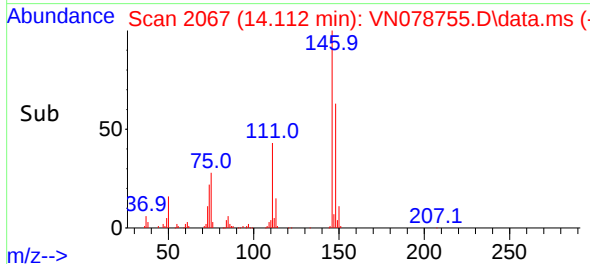
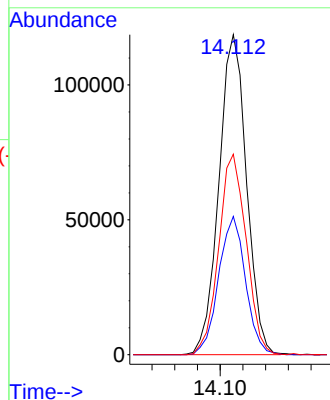
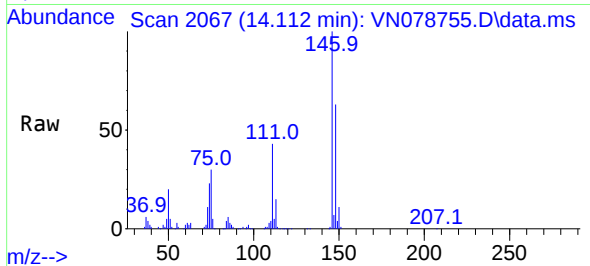




#87
1,2-Dichlorobenzene
Concen: 17.659 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

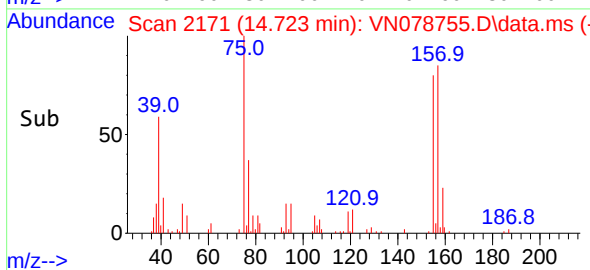
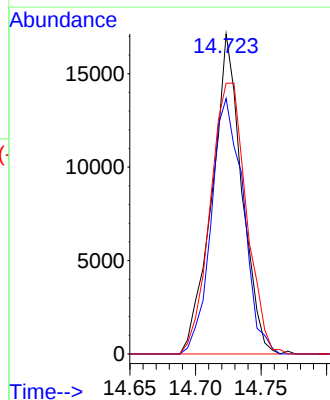
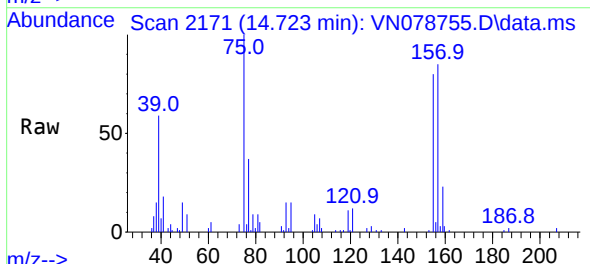
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

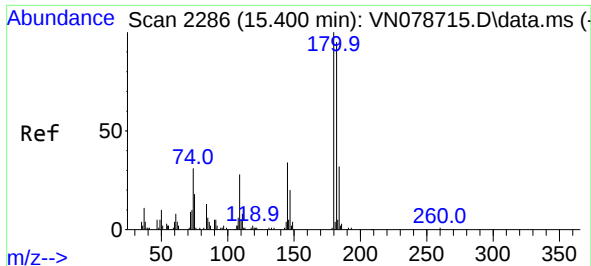
Tgt Ion:146 Resp: 200527
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.3
148 62.3 33.4 100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.507 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion: 75 Resp: 26960
Ion Ratio Lower Upper
75 100
155 86.2 68.2 102.2
157 102.7 84.7 127.1

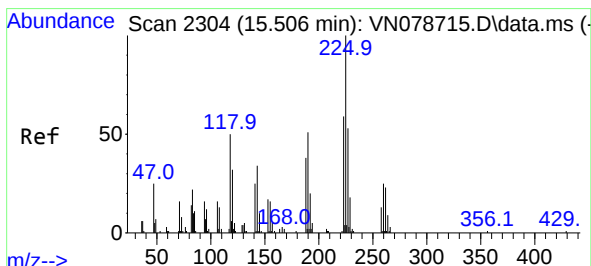
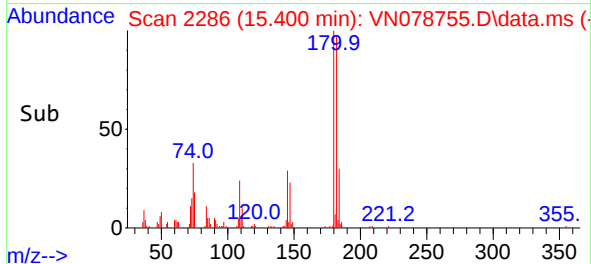
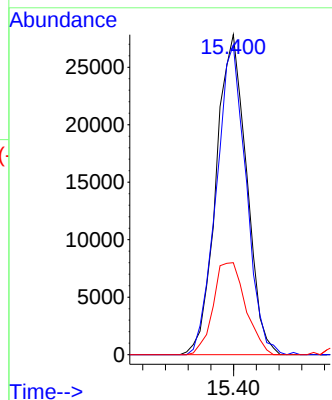
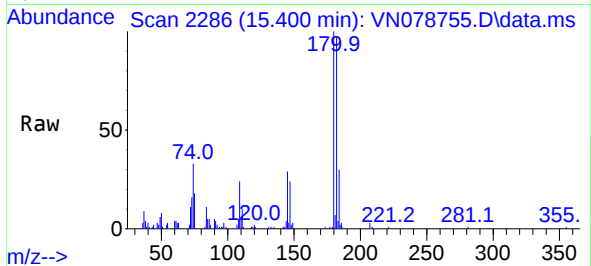




#89
1,2,4-Trichlorobenzene
Concen: 15.966 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

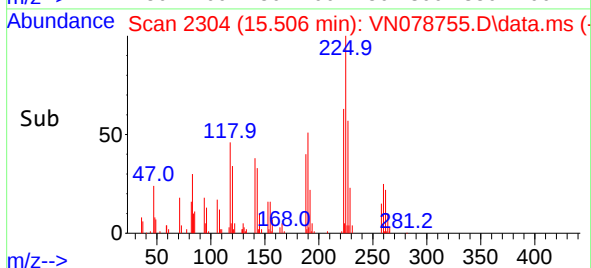
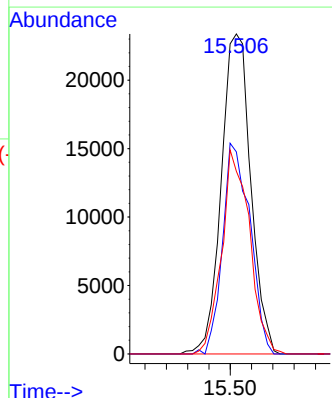
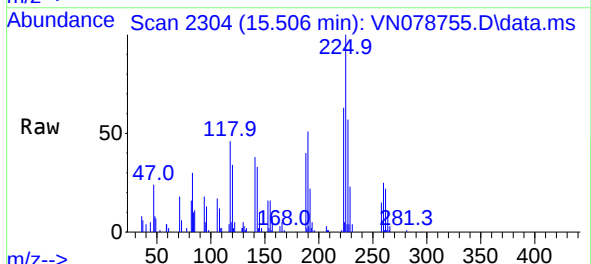
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

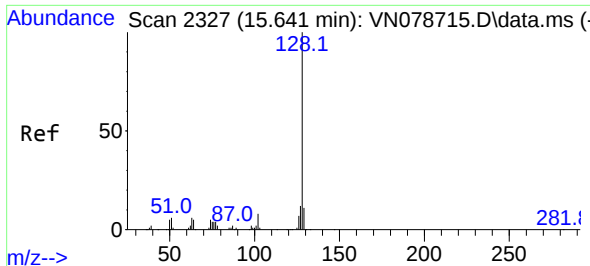
Tgt Ion:180 Resp: 51728
Ion Ratio Lower Upper
180 100
182 94.7 73.7 110.5
145 30.5 25.0 37.6



#90
Hexachlorobutadiene
Concen: 18.210 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:225 Resp: 44946
Ion Ratio Lower Upper
225 100
223 60.9 0.0 130.0
227 60.3 0.0 124.0

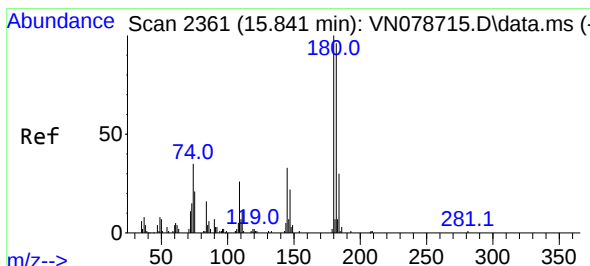
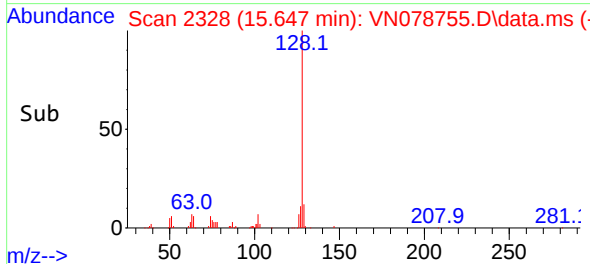
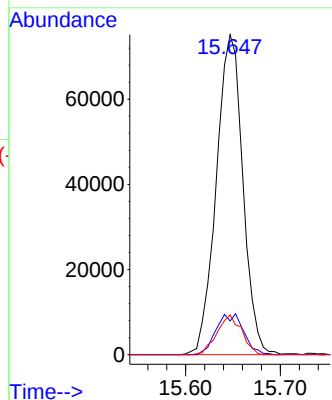
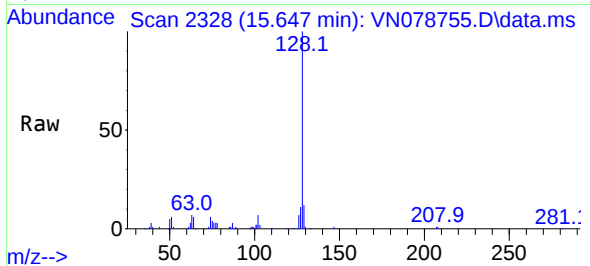




#91
Naphthalene
Concen: 14.948 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 146715
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.5 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.268 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078755.D
Acq: 03 Aug 2023 16:07

Tgt Ion:180 Resp: 63668
Ion Ratio Lower Upper
180 100
182 92.4 0.0 196.4
145 33.0 0.0 71.0

