

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076731.D
 Acq On : 17 Feb 2023 13:41
 Operator : JC\MD
 Sample : VN0217WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

Quant Time: Feb 18 02:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	29222	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	203621	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	228916	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86300	32.290	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.633%	
60) 4-Bromofluorobenzene	12.854	95	125178	30.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.067%	
63) Toluene-d8	10.572	98	240960	30.052	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.167%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	60977	19.718	ug/l	97
3) Chloromethane	2.378	50	77015	20.282	ug/l	100
4) Vinyl Chloride	2.525	62	81056	19.999	ug/l	92
5) Bromomethane	2.966	94	56316	20.126	ug/l	92
6) Chloroethane	3.131	64	59197	22.523	ug/l	99
7) Trichlorofluoromethane	3.507	101	97975	19.392	ug/l	92
8) Diethyl Ether	3.972	74	44272	22.085	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	30928	10.073	ug/l	50
10) 1,1-Dichloroethene	4.354	96	56591	19.624	ug/l	94
11) Methyl Iodide	4.607	142	81982	22.781	ug/l	94
12) Methyl Acetate	5.048	43	137045	23.180	ug/l	94
13) Acrolein	4.190	56	72148	102.749	ug/l	98
14) Acrylonitrile	5.737	53	205402	113.206	ug/l	100
15) Acetone	4.437	58	55320	94.170	ug/l	90
16) Carbon Disulfide	4.725	76	153510	18.977	ug/l	98
17) Allyl chloride	5.042	41	104913	20.324	ug/l	88
18) Methylene Chloride	5.284	84	75545	20.753	ug/l	93
19) trans-1,2-Dichloroethene	5.801	96	62027	19.178	ug/l	96
20) Diisopropyl ether	6.684	45	261797	21.448	ug/l #	91
21) 1,1-Dichloroethane	6.578	63	132619	20.771	ug/l	98
22) cis-1,2-Dichloroethene	7.501	96	77993	21.018	ug/l	97
23) tert-Butyl Alcohol	5.531	59	61464	117.214	ug/l #	100
25) Chloroform	7.972	83	129830	20.736	ug/l	95
26) Cyclohexane	8.266	56	107673	18.868	ug/l #	91
29) 1,1-Dichloropropene	8.383	75	93567	20.145	ug/l	97
30) 2-Butanone	7.495	43	293699	108.405	ug/l	98
31) 2,2-Dichloropropane	7.507	77	96908	19.964	ug/l #	61
32) 1,1,1-Trichloroethane	8.178	97	107474	19.932	ug/l	98
33) Carbon Tetrachloride	8.372	117	89366	19.128	ug/l	85
34) Benzene	8.613	78	301447	20.329	ug/l	97
35) Methacrylonitrile	7.795	41	65496	22.162	ug/l	96
36) 1,2-Dichloroethane	8.678	62	108539	21.868	ug/l	100
37) Trichloroethene	9.360	130	65160	18.895	ug/l	98
38) Methylcyclohexane	9.607	83	112271	19.208	ug/l	98
39) 1,2-Dichloropropane	9.630	63	77725	20.169	ug/l	97
40) Dibromomethane	9.713	93	53228	21.658	ug/l	98
41) Bromodichloromethane	9.895	83	101832	20.656	ug/l	97
42) Vinyl Acetate	6.613	43	868658	110.634	ug/l	99
43) Ethyl Acetate	7.572	43	124104	24.043	ug/l	100

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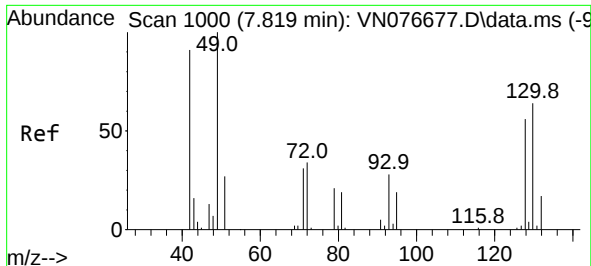
Quant Time: Feb 18 02:06:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.695	43	196766	23.158	ug/l	98
45) 1,4-Dioxane	9.695	88	31904	443.647	ug/l	94
46) Methyl methacrylate	9.683	41	91638	23.495	ug/l	96
47) n-amyl Acetate	12.495	43	163914	21.845	ug/l	98
48) t-1,3-Dichloropropene	10.842	75	105504	21.100	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	115331	20.265	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	78722	22.034	ug/l	95
51) Ethyl methacrylate	10.877	69	113358	21.854	ug/l	96
52) 1,3-Dichloropropane	11.166	76	132967	21.648	ug/l	100
53) Dibromochloromethane	11.366	129	75974	20.702	ug/l	99
54) 1,2-Dibromoethane	11.471	107	75005	21.566	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	246404	107.152	ug/l	100
56) Bromoform	12.583	173	50530	19.992	ug/l #	99
58) 4-Methyl-2-Pentanone	10.448	43	628405	115.420	ug/l	98
59) 2-Hexanone	11.201	43	459958	113.578	ug/l	99
61) Tetrachloroethene	11.101	164	56419	19.517	ug/l	88
62) Toluene	10.630	91	328297	20.521	ug/l	97
64) Chlorobenzene	11.895	112	188742	19.803	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	67642	19.360	ug/l	96
66) Ethyl Benzene	11.966	91	340044	19.994	ug/l	96
67) m/p-Xylenes	12.077	106	272477	40.969	ug/l	98
68) o-Xylene	12.401	106	135036	20.604	ug/l	96
69) Styrene	12.413	104	219633	20.874	ug/l	98
70) Isopropylbenzene	12.701	105	332785	19.903	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	122445	22.384	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	141486	29.361	ug/l	70
73) Bromobenzene	12.983	156	78824	20.317	ug/l	93
74) n-propylbenzene	13.042	91	401890	20.181	ug/l	100
75) 2-Chlorotoluene	13.130	91	241093	20.345	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	291649	20.914	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	34589	22.341	ug/l	89
78) 4-Chlorotoluene	13.224	91	235589	20.738	ug/l	98
79) tert-butylbenzene	13.442	119	243332	19.708	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	291911	21.081	ug/l	99
81) sec-Butylbenzene	13.624	105	359768	20.291	ug/l	99
82) p-Isopropyltoluene	13.736	119	288120	20.043	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	153009	20.640	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	146822	20.305	ug/l	96
85) n-Butylbenzene	14.060	91	244271	20.049	ug/l	99
86) Hexachloroethane	14.336	117	51473	18.497	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	154494	20.726	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	23271	22.949	ug/l	98
89) 1,2,4-Trichlorobenzene	15.401	180	76810	20.199	ug/l	100
90) Hexachlorobutadiene	15.506	225	34315	18.731	ug/l	94
91) Naphthalene	15.648	128	255355	20.885	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	76975	19.943	ug/l	99

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

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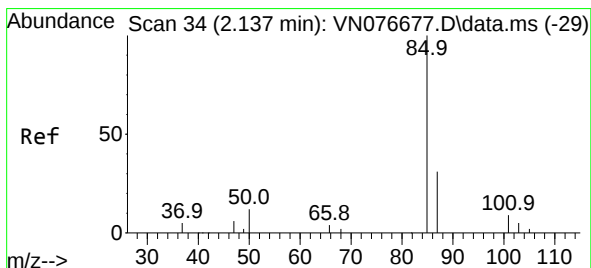
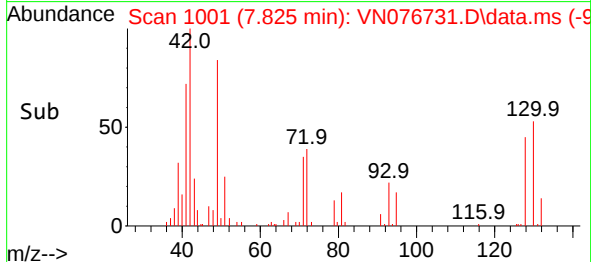
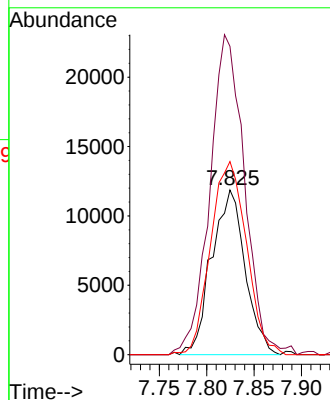
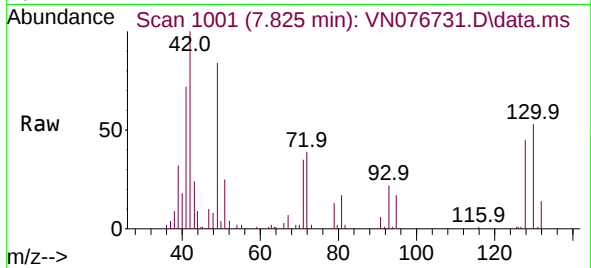




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

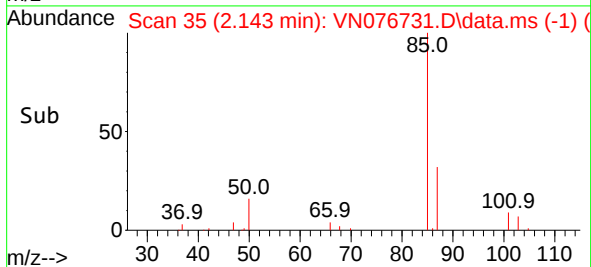
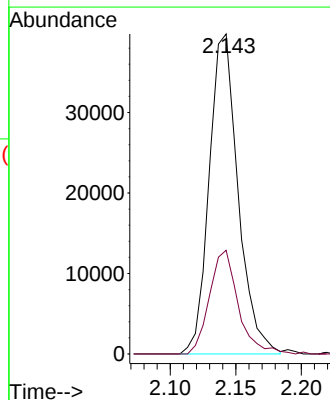
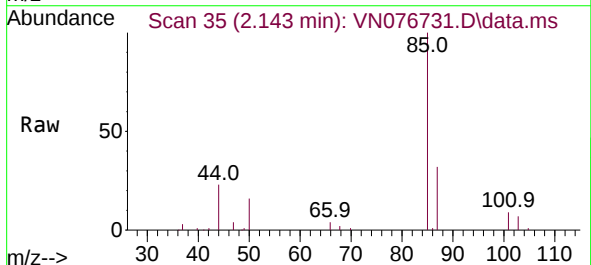
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

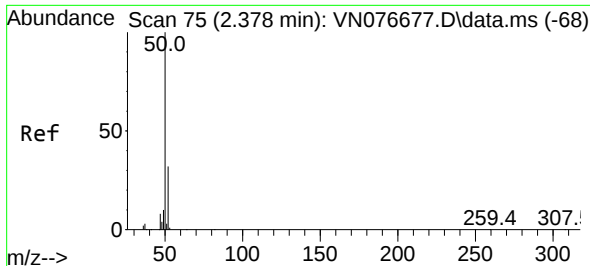
Tgt Ion:128 Resp: 29222
Ion Ratio Lower Upper
128 100
49 199.6 0.0 461.8
130 125.5 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 19.718 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 85 Resp: 60977
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.1

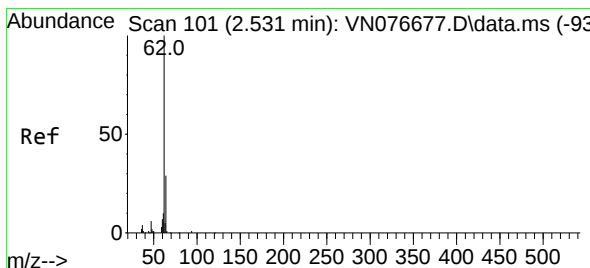
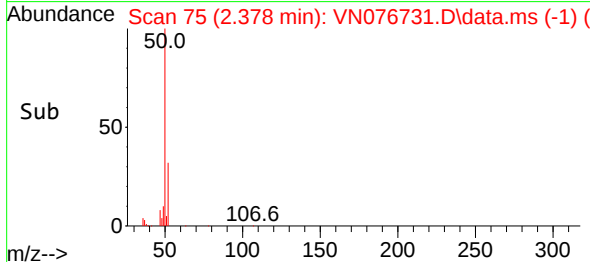
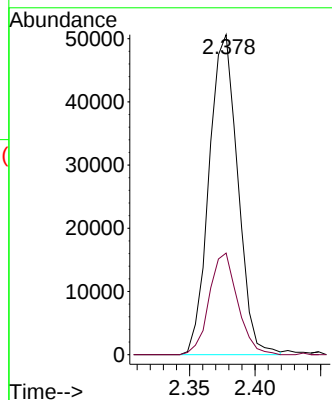
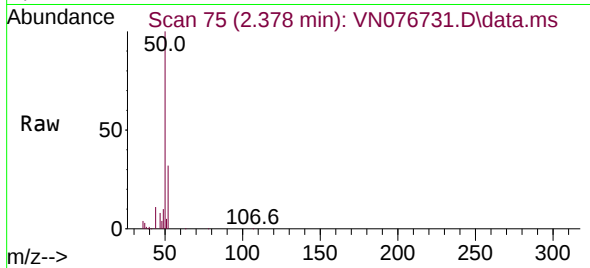




#3
Chloromethane
Concen: 20.282 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

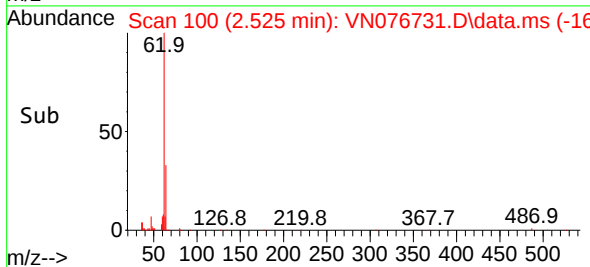
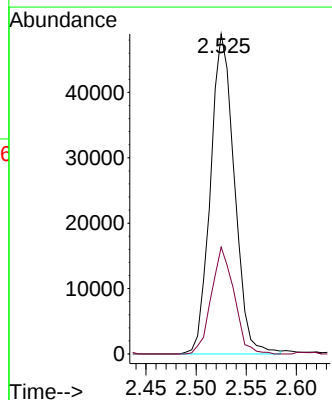
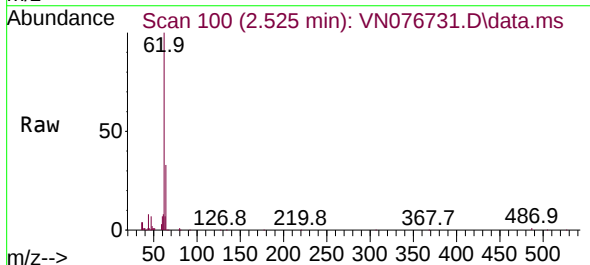
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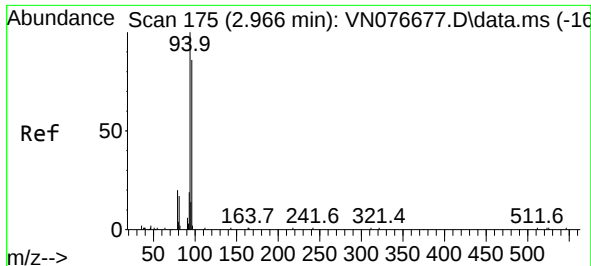
Tgt Ion: 50 Resp: 77015
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9



#4
Vinyl Chloride
Concen: 19.999 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 62 Resp: 81056
Ion Ratio Lower Upper
62 100
64 33.4 23.1 34.7

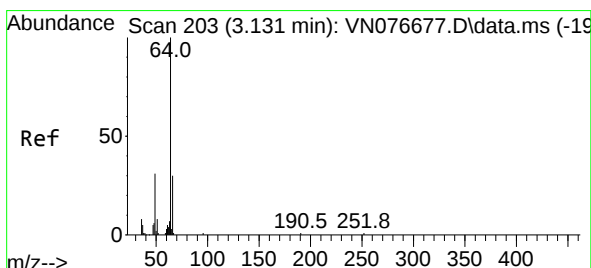
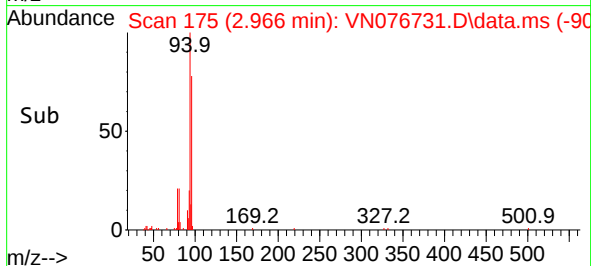
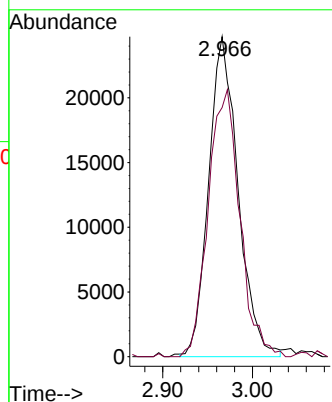
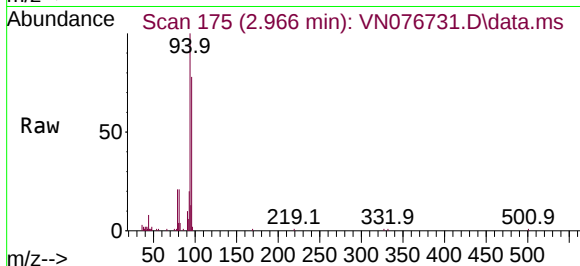




#5
Bromomethane
Concen: 20.126 ug/l
RT: 2.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

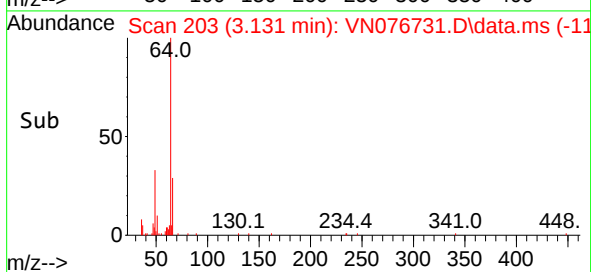
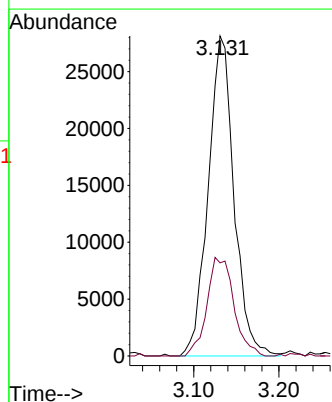
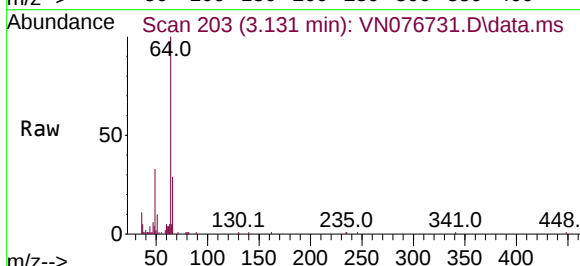
Instrument :
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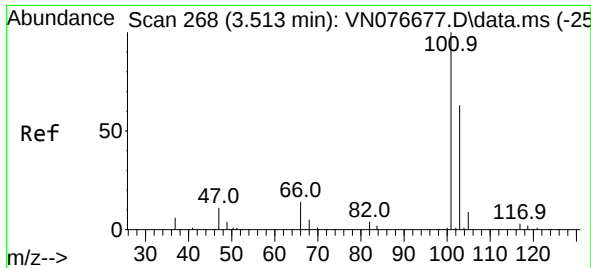
Tgt Ion: 94 Resp: 56316
Ion Ratio Lower Upper
94 100
96 78.5 68.6 103.0



#6
Chloroethane
Concen: 22.523 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 64 Resp: 59197
Ion Ratio Lower Upper
64 100
66 29.1 23.8 35.6

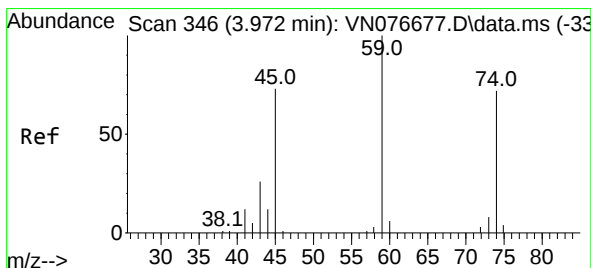
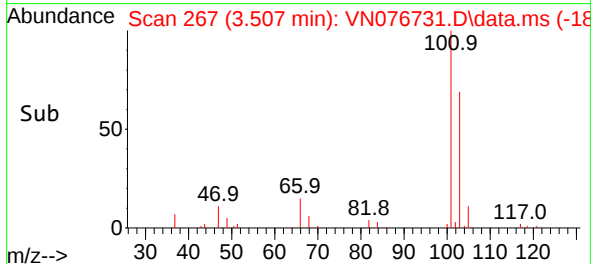
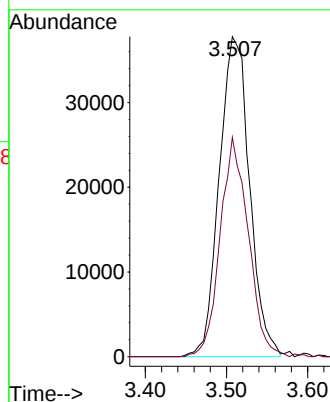
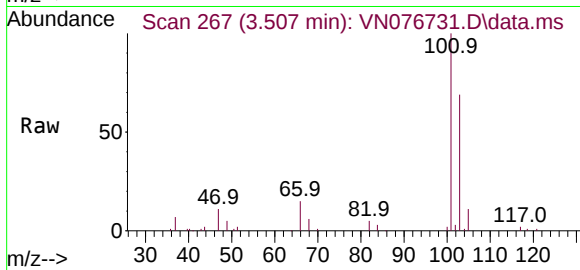




#7
 Trichlorofluoromethane
 Concen: 19.392 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

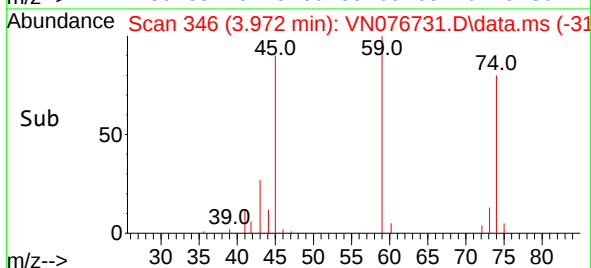
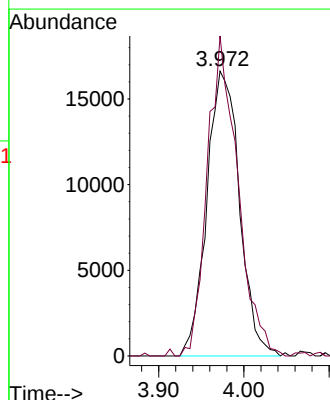
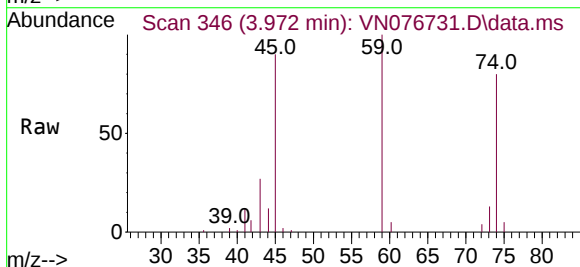
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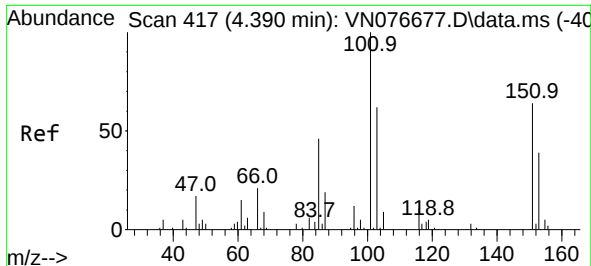
Tgt Ion:101 Resp: 97975
 Ion Ratio Lower Upper
 101 100
 103 68.6 50.2 75.2



#8
 Diethyl Ether
 Concen: 22.085 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Tgt Ion: 74 Resp: 44272
 Ion Ratio Lower Upper
 74 100
 45 104.6 21.4 193.0

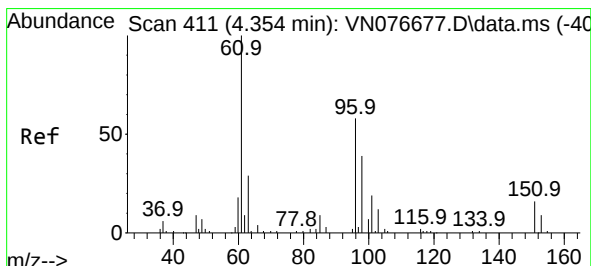
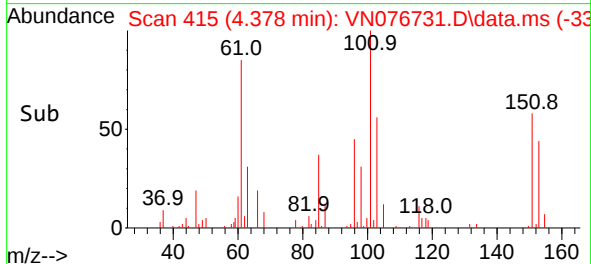
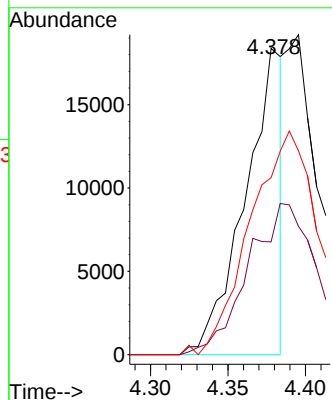
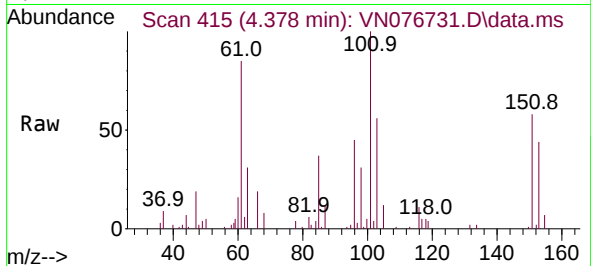




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.073 ug/l
 RT: 4.378 min Scan# 417
 Delta R.T. -0.012 min
 Lab File: VN076731.D
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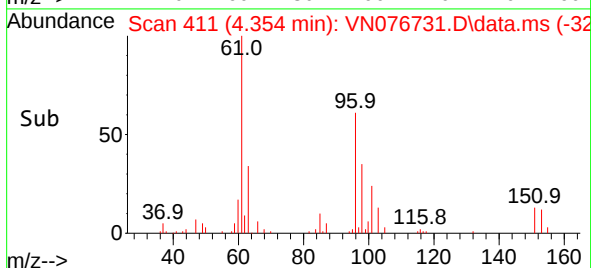
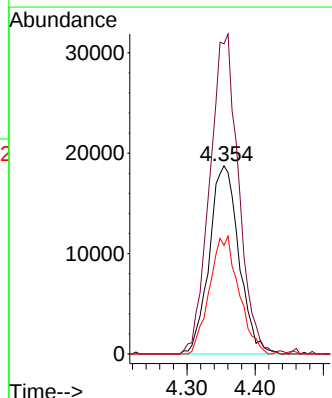
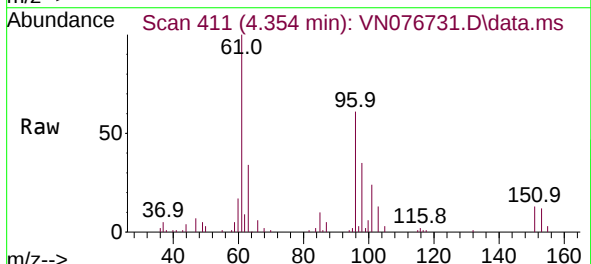
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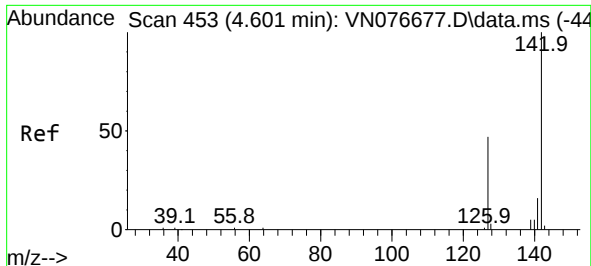
Tgt Ion:101 Resp: 30928
 Ion Ratio Lower Upper
 101 100
 85 53.7 0.0 95.2
 151 135.8 0.0 142.2



#10
 1,1-Dichloroethene
 Concen: 19.624 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Tgt Ion: 96 Resp: 56591
 Ion Ratio Lower Upper
 96 100
 61 164.9 137.1 205.7
 98 57.8 53.2 79.8

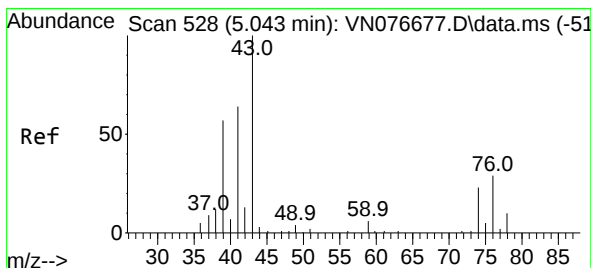
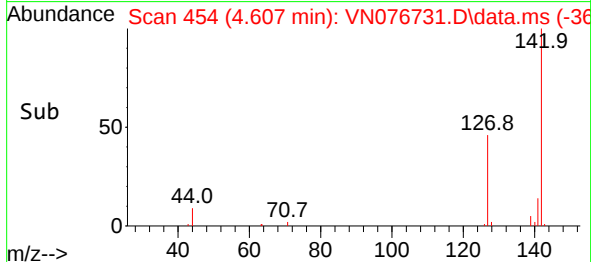
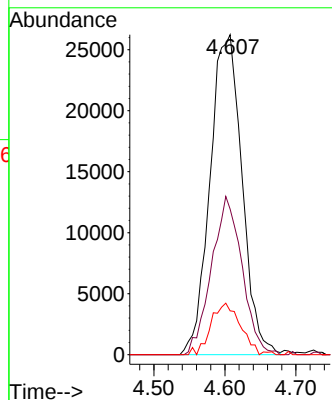
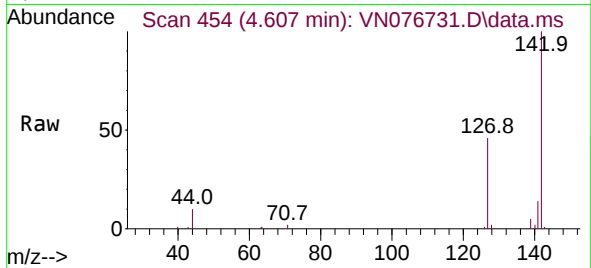




#11
Methyl Iodide
Concen: 22.781 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

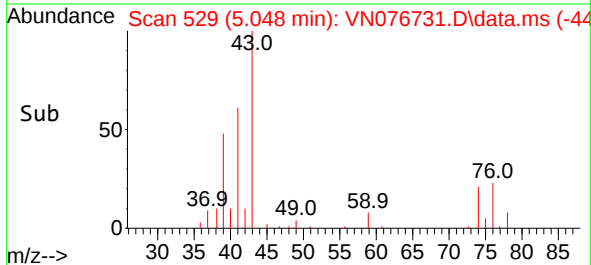
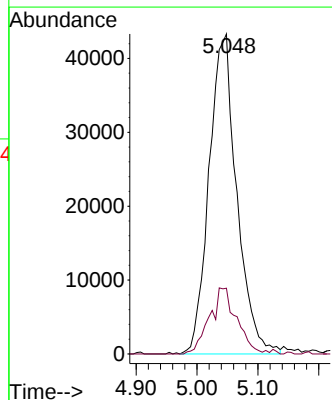
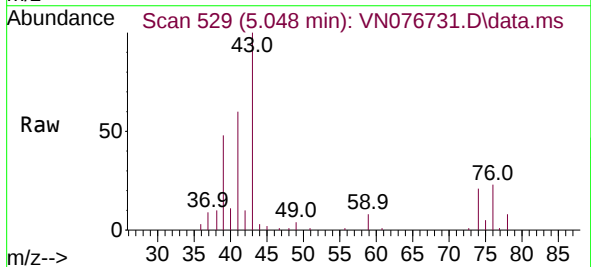
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

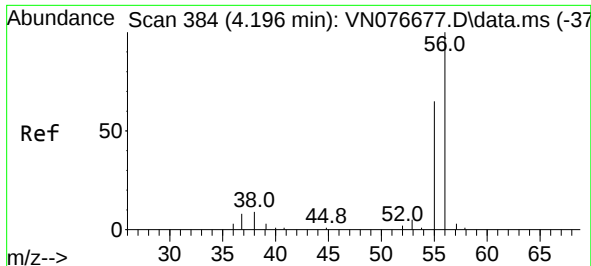
Tgt Ion:142 Resp: 81982
Ion Ratio Lower Upper
142 100
127 45.7 25.0 75.0
141 13.7 8.0 24.0



#12
Methyl Acetate
Concen: 23.180 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 43 Resp: 137045
Ion Ratio Lower Upper
43 100
74 20.7 19.0 28.4

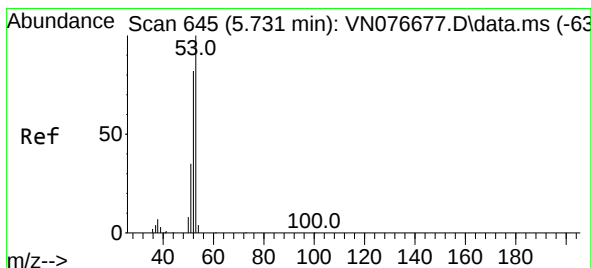
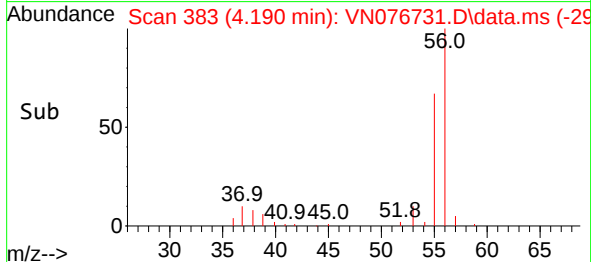
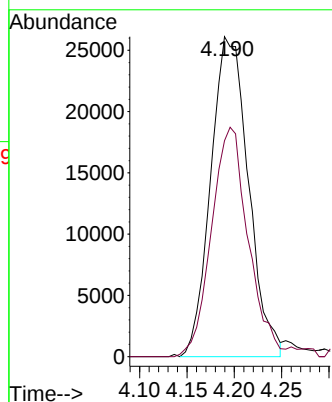
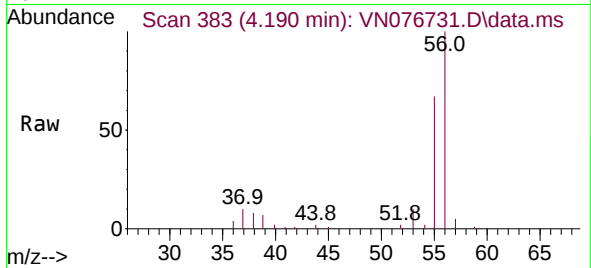




#13
Acrolein
Concen: 102.749 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

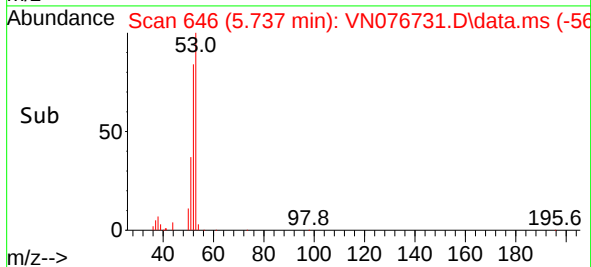
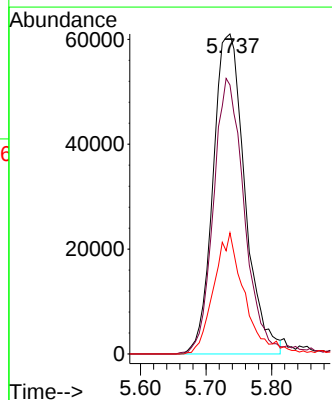
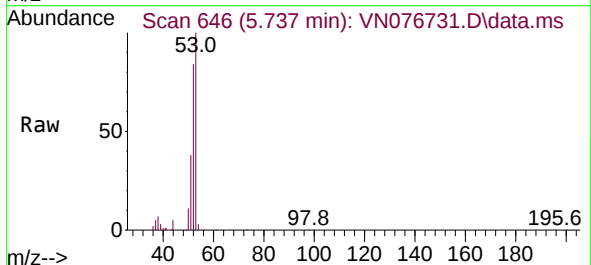
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

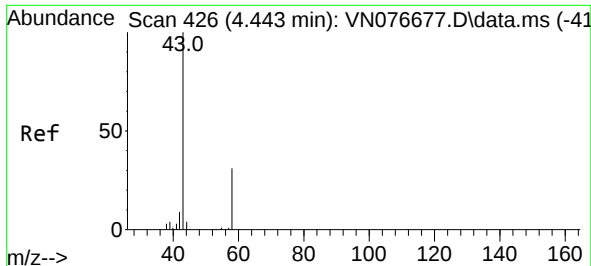
Tgt Ion: 56 Resp: 72148
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.4



#14
Acrylonitrile
Concen: 113.206 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 53 Resp: 205402
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.6
51 35.1 17.6 52.8





#15

Acetone

Concen: 94.170 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

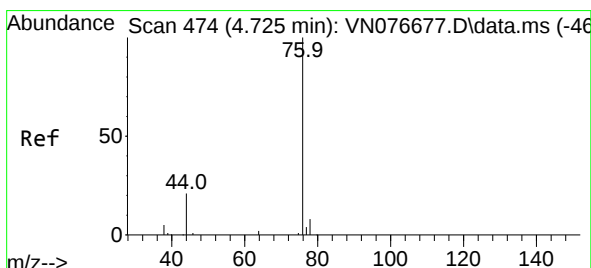
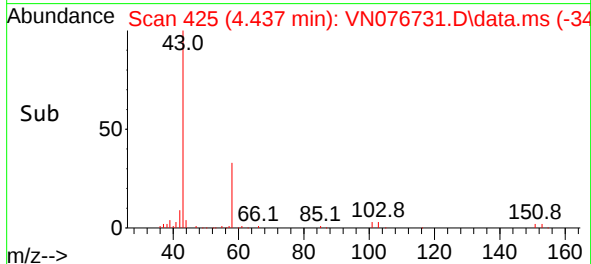
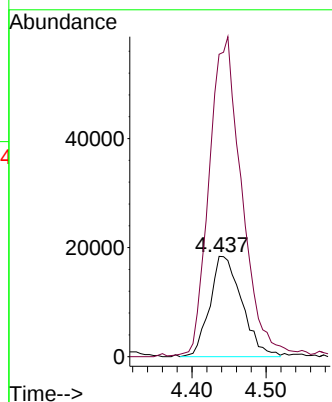
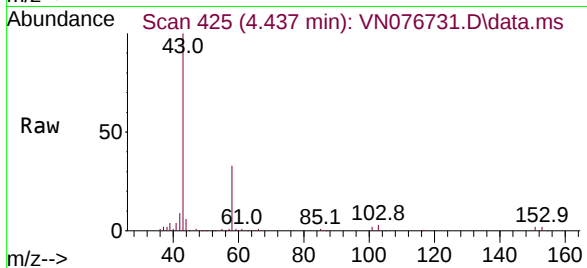
VN0217WBSD01

Tgt Ion: 58 Resp: 55320

Ion Ratio Lower Upper

58 100

43 299.1 255.4 383.0



#16

Carbon Disulfide

Concen: 18.977 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN076731.D

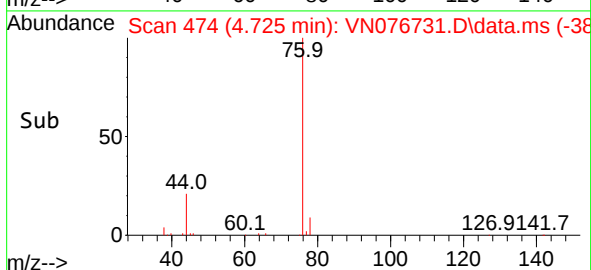
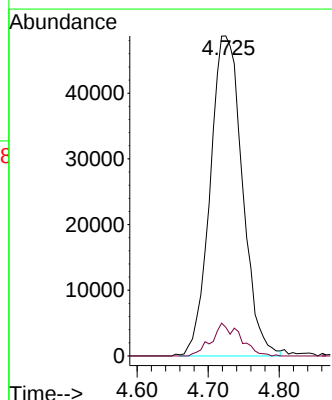
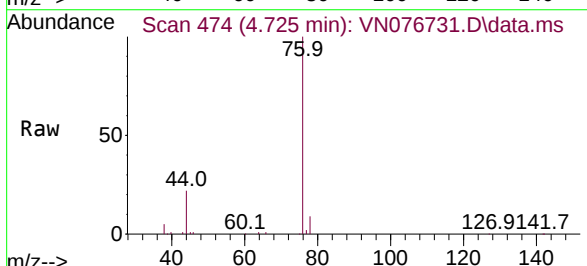
Acq: 17 Feb 2023 13:41

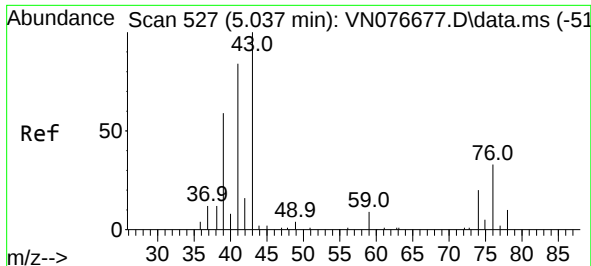
Tgt Ion: 76 Resp: 153510

Ion Ratio Lower Upper

76 100

78 9.0 6.6 9.8





#17

Allyl chloride

Concen: 20.324 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBSD01

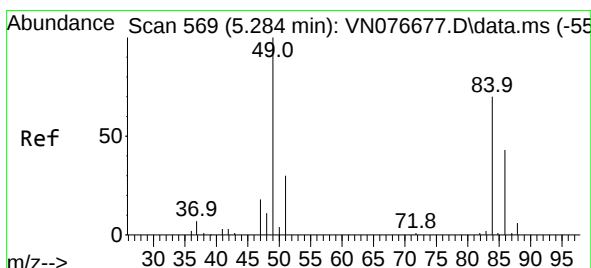
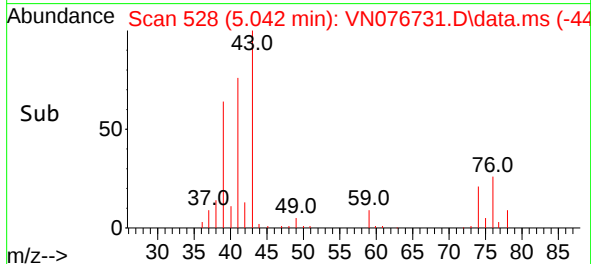
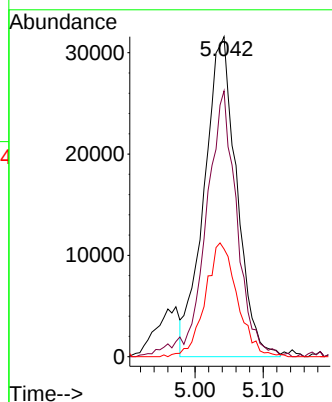
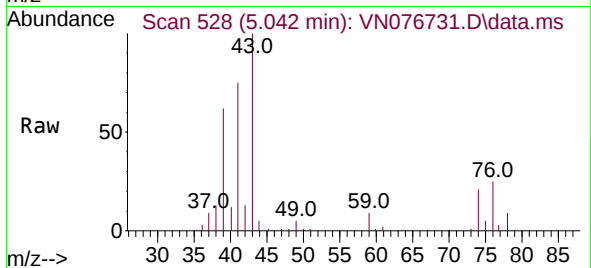
Tgt Ion: 41 Resp: 104913

Ion Ratio Lower Upper

41 100

39 83.1 34.8 104.3

76 33.2 17.5 52.5



#18

Methylene Chloride

Concen: 20.753 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Tgt Ion: 84 Resp: 75545

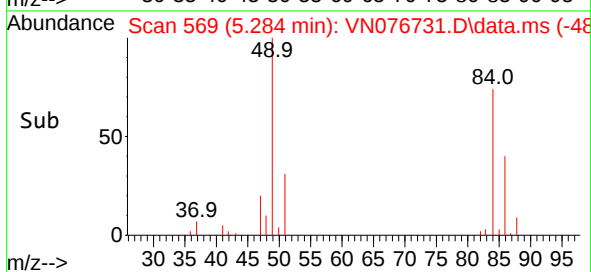
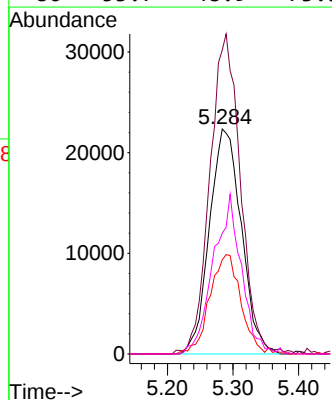
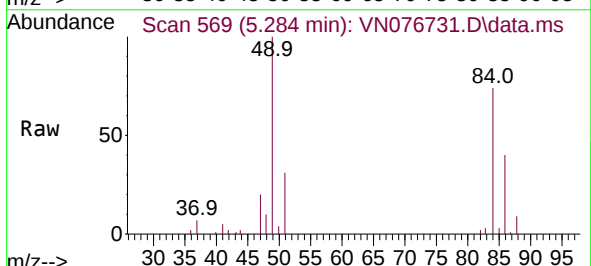
Ion Ratio Lower Upper

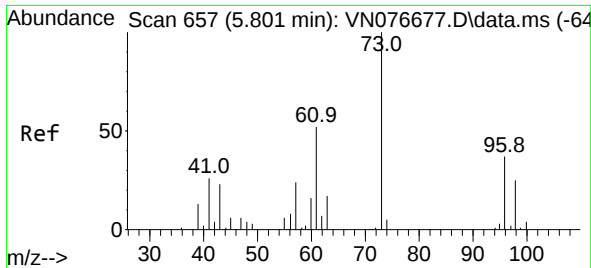
84 100

49 133.6 113.8 170.6

51 41.2 34.2 51.4

86 53.7 48.9 73.3

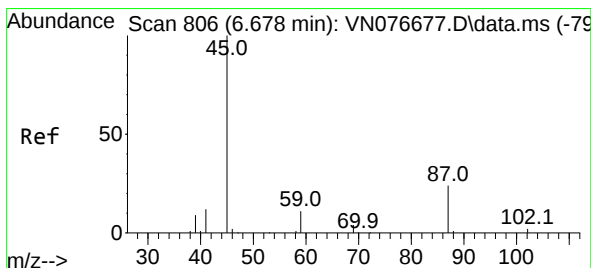
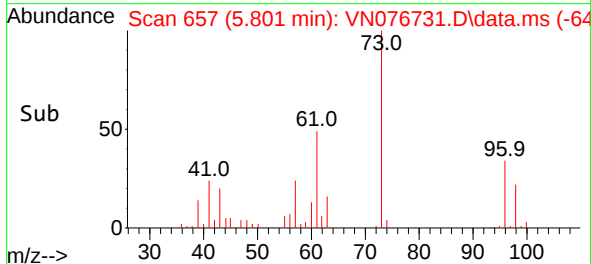
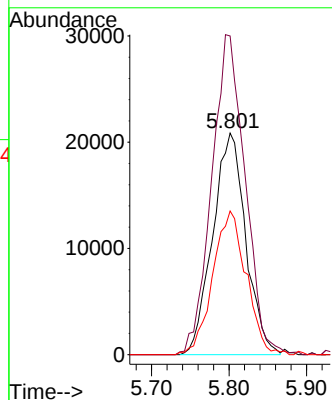
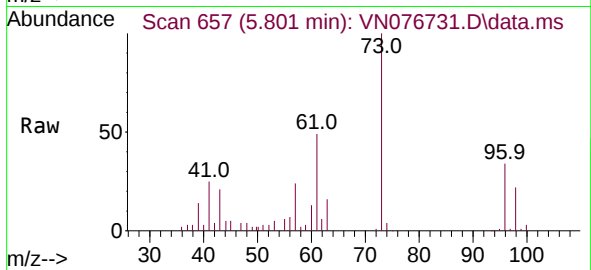




#19
trans-1,2-Dichloroethene
Concen: 19.178 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

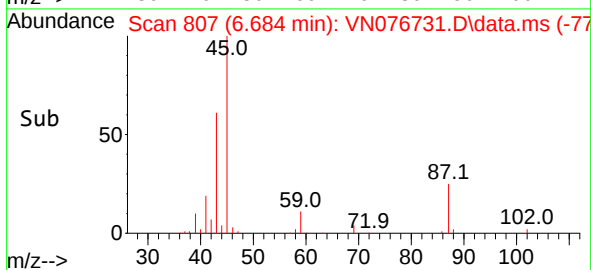
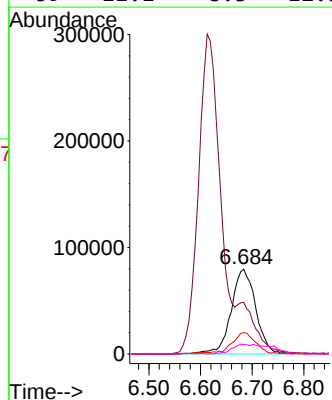
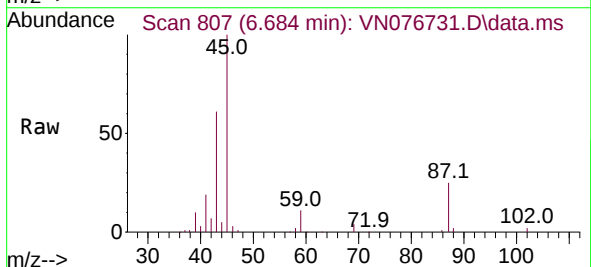
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

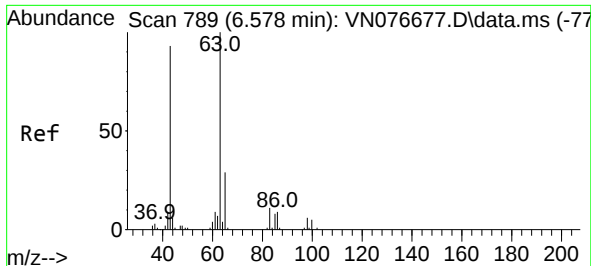
Tgt Ion: 96 Resp: 62027
Ion Ratio Lower Upper
96 100
61 142.5 111.0 166.4
98 63.8 55.0 82.6



#20
Diisopropyl ether
Concen: 21.448 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 45 Resp: 261797
Ion Ratio Lower Upper
45 100
43 58.2 38.6 58.0#
87 24.7 20.1 30.1
59 11.1 8.3 12.5





#21

1,1-Dichloroethane

Concen: 20.771 ug/l

RT: 6.578 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBSD01

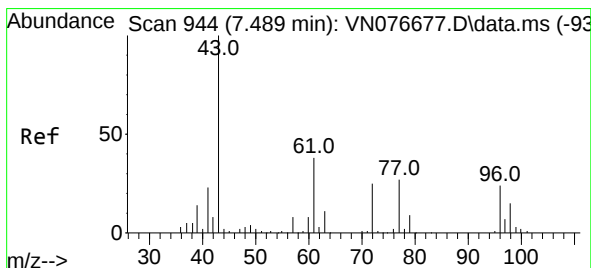
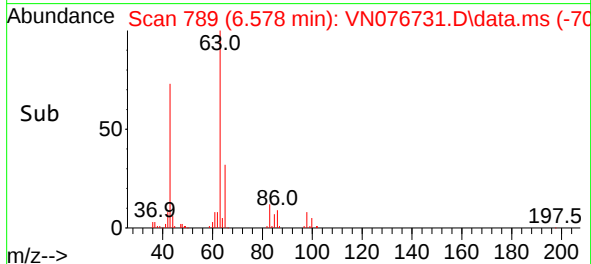
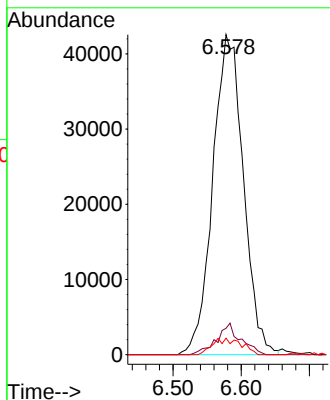
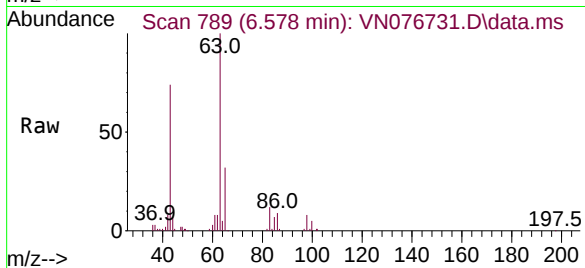
Tgt Ion: 63 Resp: 132619

Ion Ratio Lower Upper

63 100

98 8.3 3.6 10.9

100 5.1 2.6 7.8



#22

cis-1,2-Dichloroethene

Concen: 21.018 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.012 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

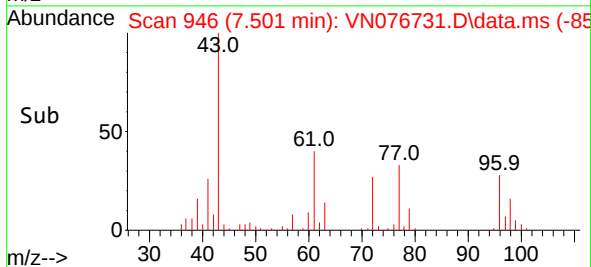
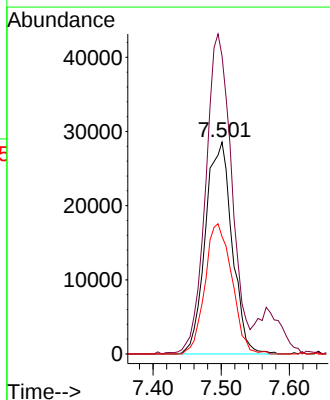
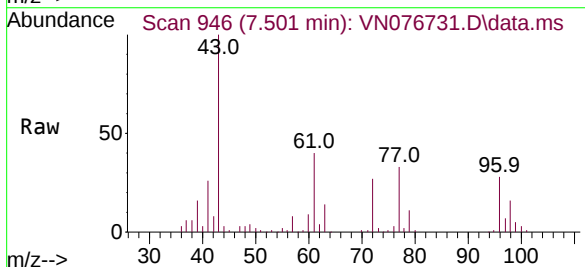
Tgt Ion: 96 Resp: 77993

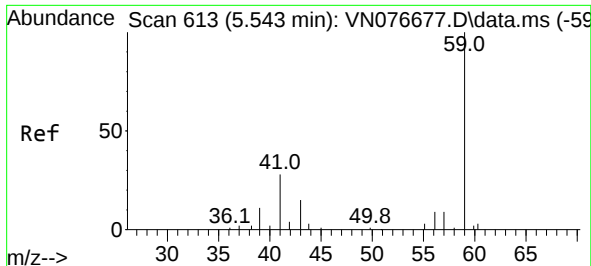
Ion Ratio Lower Upper

96 100

61 146.2 121.0 181.4

98 61.7 50.1 75.1

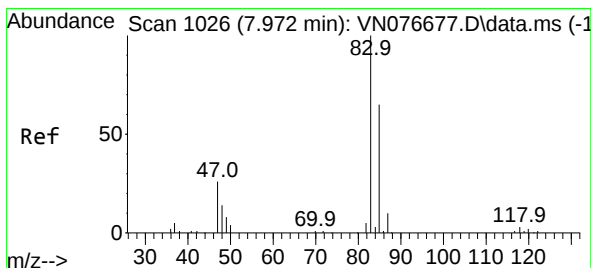
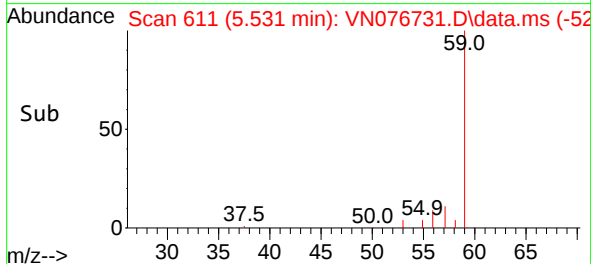
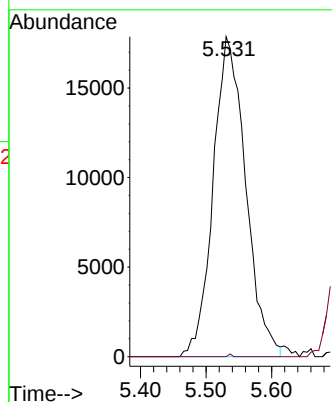
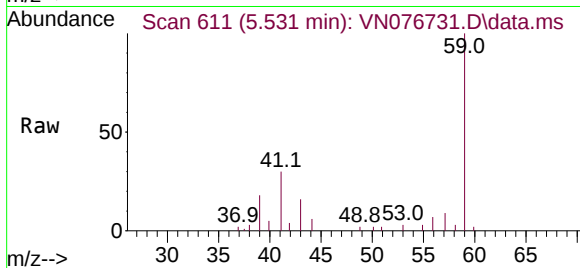




#23
tert-Butyl Alcohol
Concen: 117.214 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

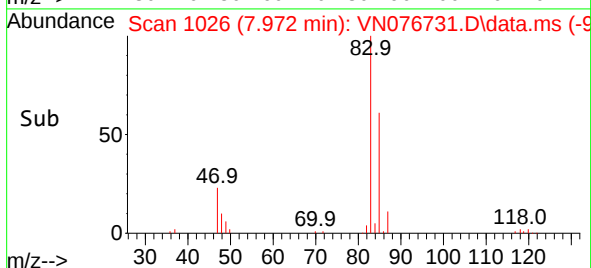
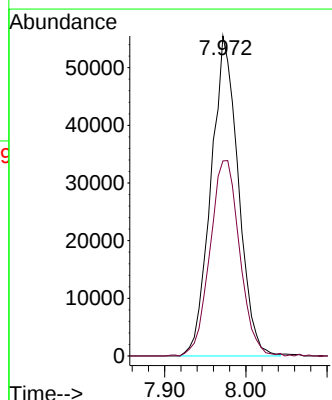
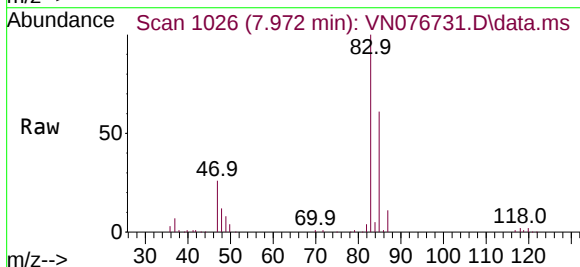
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

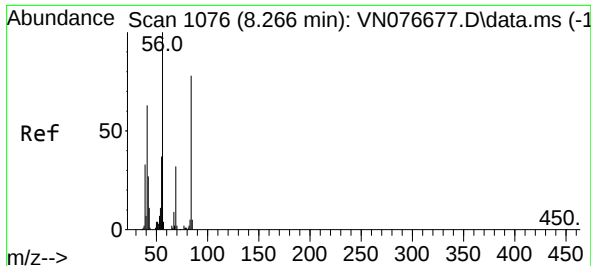
Tgt Ion: 59 Resp: 61464
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#25
Chloroform
Concen: 20.736 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 83 Resp: 129830
Ion Ratio Lower Upper
83 100
85 60.9 51.8 77.6

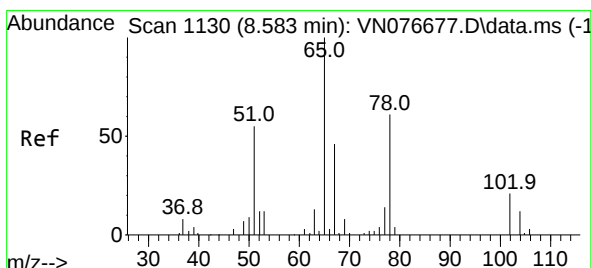
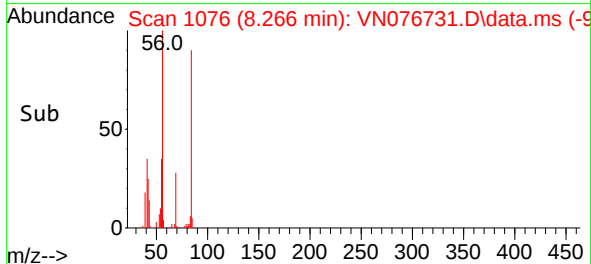
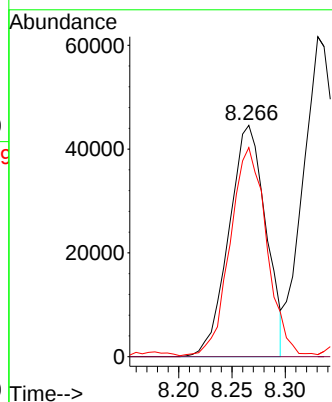
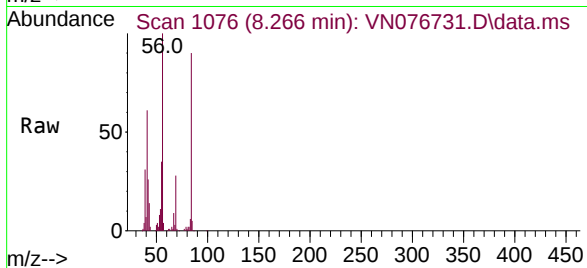




#26
Cyclohexane
Concen: 18.868 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

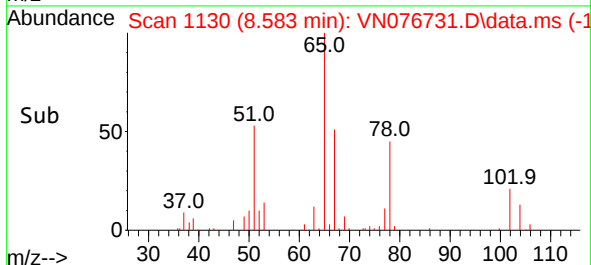
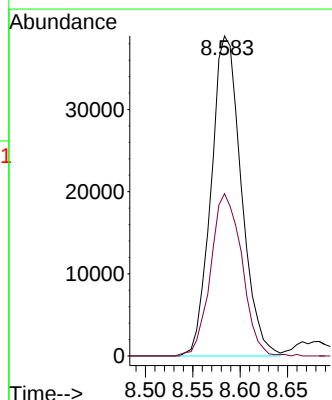
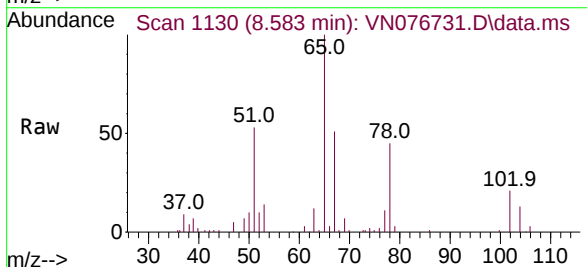
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

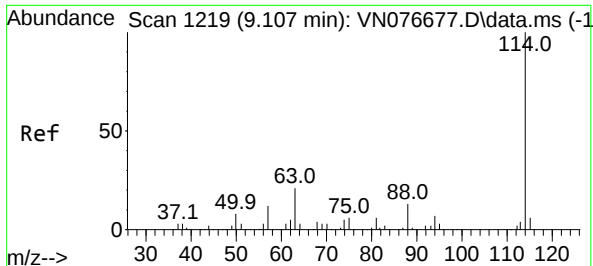
Tgt Ion: 56 Resp: 107673
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 65.3 97.9



#27
1,2-Dichloroethane-d4
Concen: 32.290 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 65 Resp: 86300
Ion Ratio Lower Upper
65 100
67 52.3 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBSD01

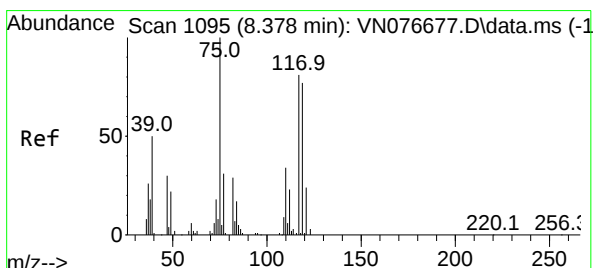
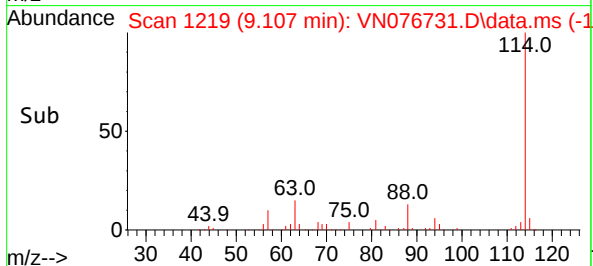
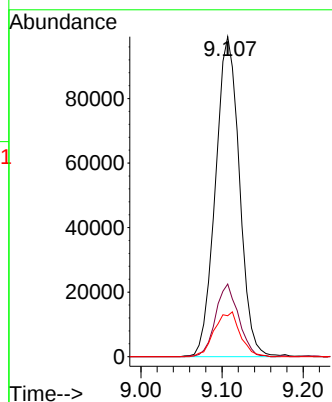
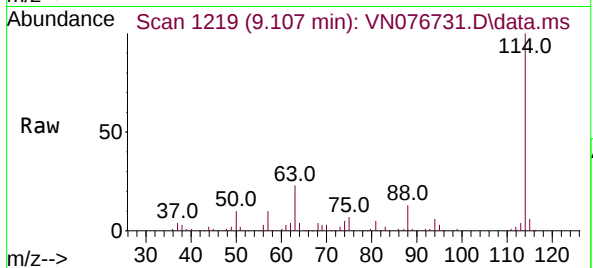
Tgt Ion:114 Resp: 203621

Ion Ratio Lower Upper

114 100

63 21.8 17.0 25.4

88 15.0 11.6 17.4



#29

1,1-Dichloropropene

Concen: 20.145 ug/l

RT: 8.383 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

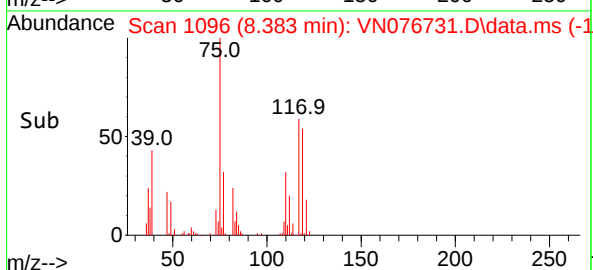
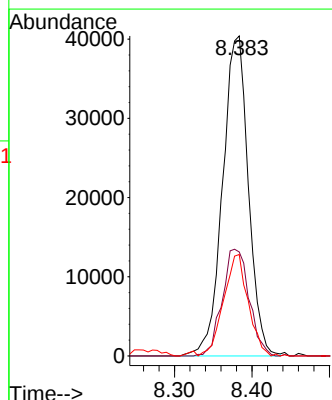
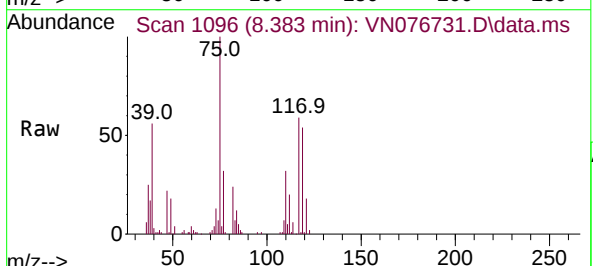
Tgt Ion: 75 Resp: 93567

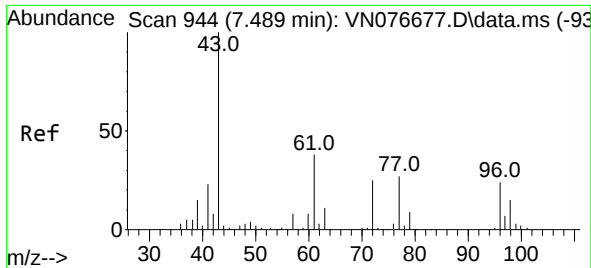
Ion Ratio Lower Upper

75 100

110 34.8 0.0 67.2

77 30.1 0.0 64.4

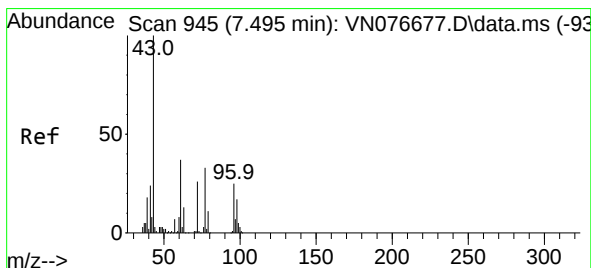
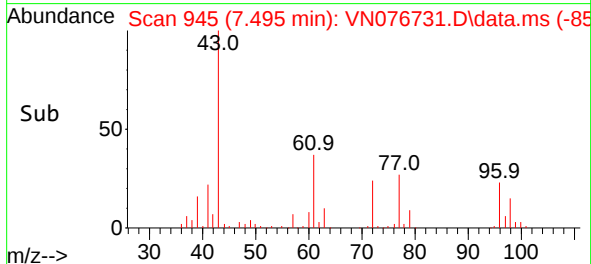
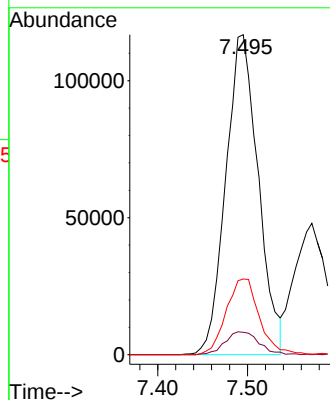
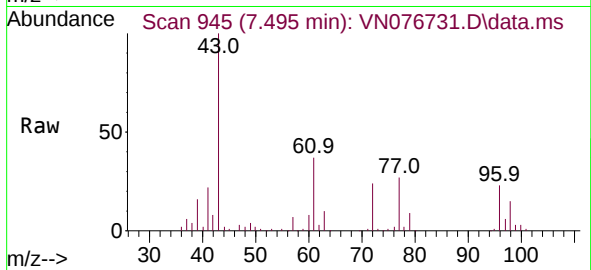




#30
2-Butanone
Concen: 108.405 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

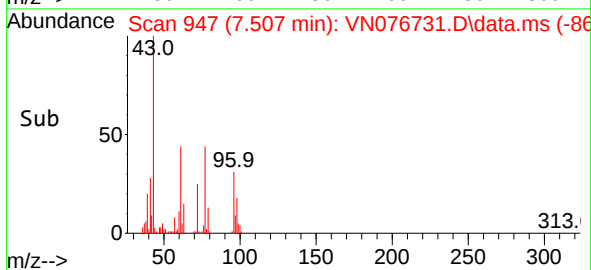
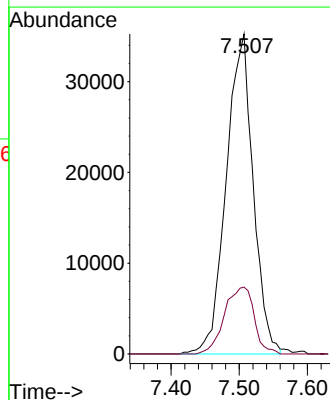
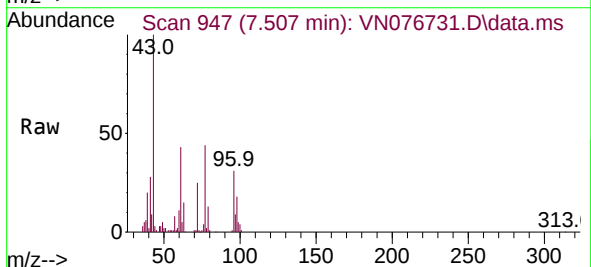
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

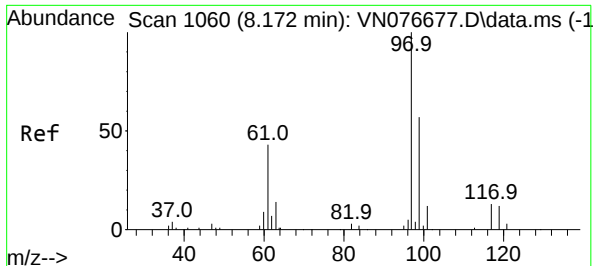
Tgt Ion: 43 Resp: 293699
Ion Ratio Lower Upper
43 100
57 7.3 6.1 9.1
72 24.2 20.2 30.4



#31
2,2-Dichloropropane
Concen: 19.964 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.012 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 77 Resp: 96908
Ion Ratio Lower Upper
77 100
97 23.0 7.2 10.8#





#32

1,1,1-Trichloroethane

Concen: 19.932 ug/l

RT: 8.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBSD01

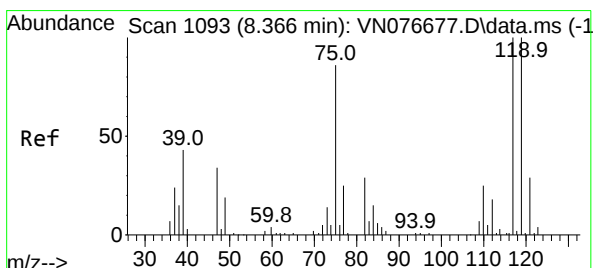
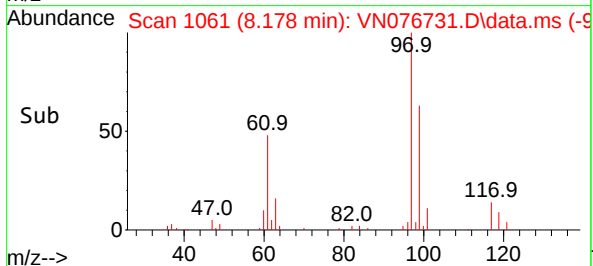
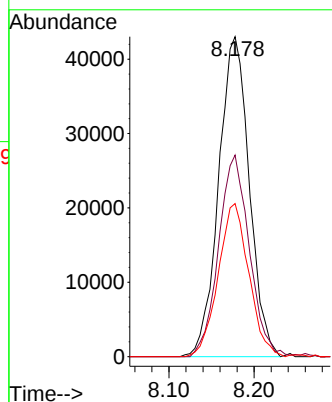
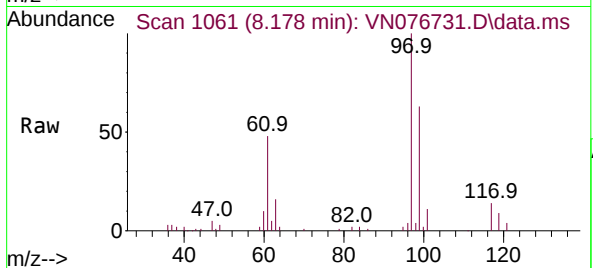
Tgt Ion: 97 Resp: 107474

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.8

61 47.9 39.3 58.9



#33

Carbon Tetrachloride

Concen: 19.128 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

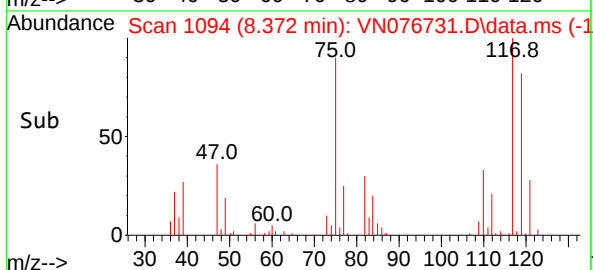
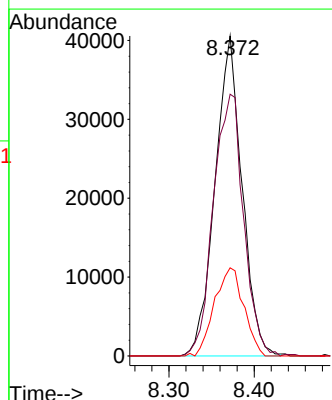
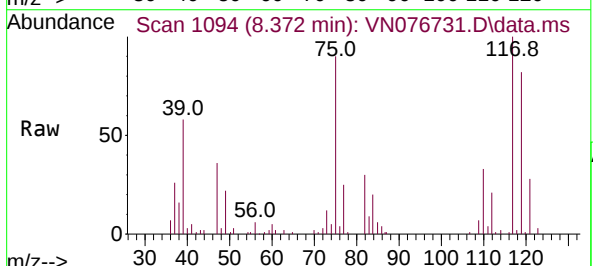
Tgt Ion: 117 Resp: 89366

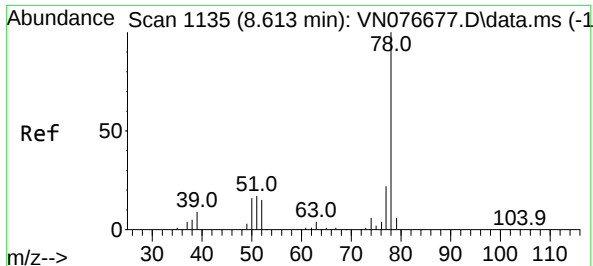
Ion Ratio Lower Upper

117 100

119 81.8 79.8 119.8

121 27.5 23.4 35.0

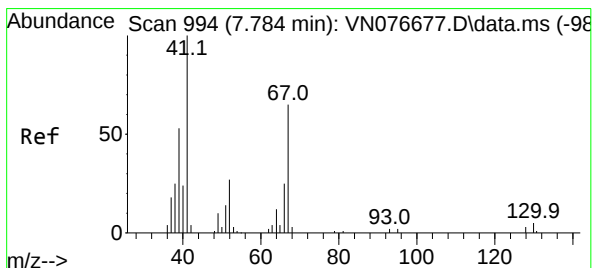
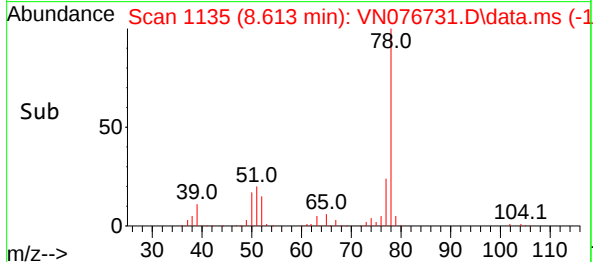
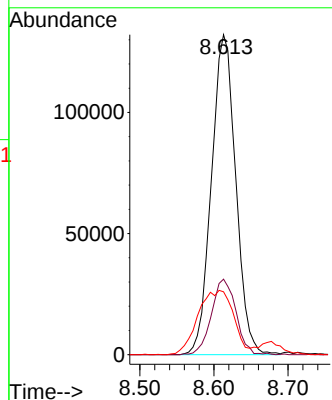
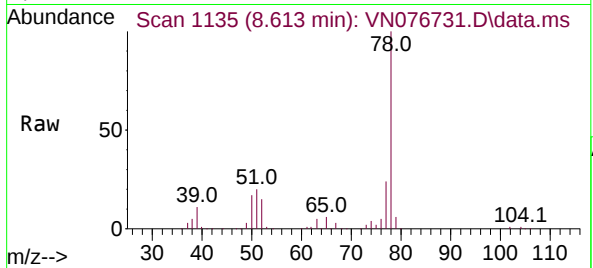




#34
Benzene
Concen: 20.329 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

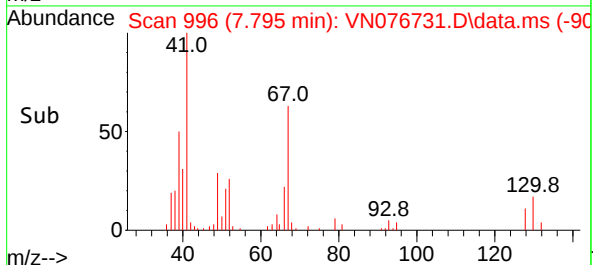
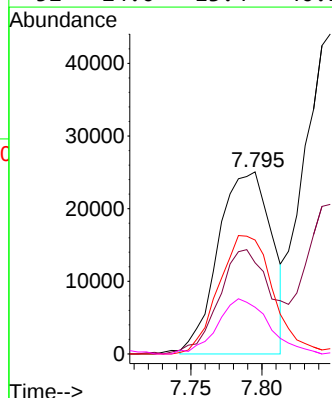
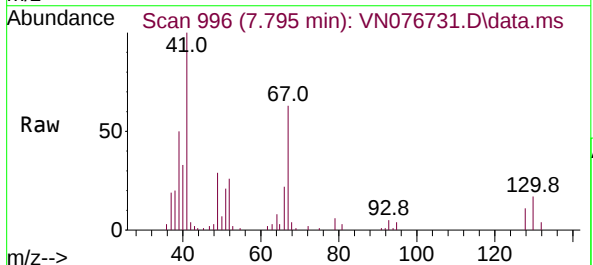
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

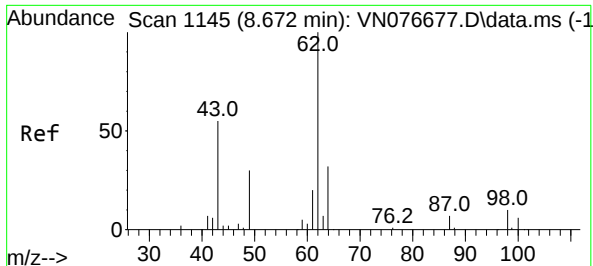
Tgt Ion: 78 Resp: 301447
Ion Ratio Lower Upper
78 100
77 23.6 17.4 26.2
51 18.2 13.8 20.6



#35
Methacrylonitrile
Concen: 22.162 ug/l
RT: 7.795 min Scan# 996
Delta R.T. 0.012 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 41 Resp: 65496
Ion Ratio Lower Upper
41 100
39 48.8 26.6 79.7
67 62.9 32.3 96.9
52 24.0 13.4 40.1





#36

1,2-Dichloroethane

Concen: 21.868 ug/l

RT: 8.678 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

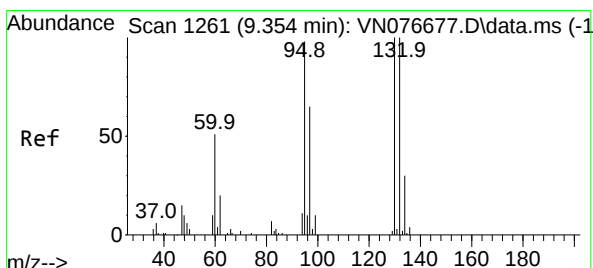
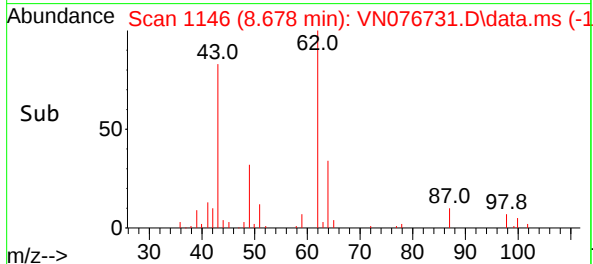
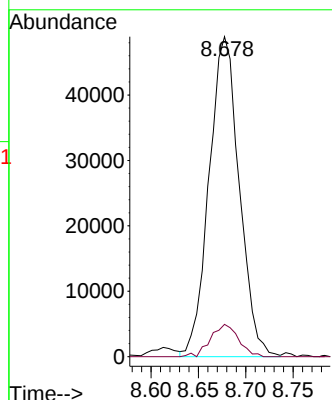
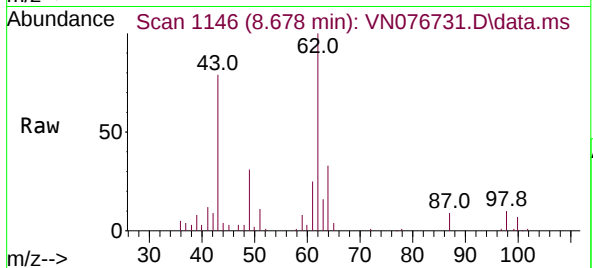
VN0217WBSD01

Tgt Ion: 62 Resp: 108539

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0



#37

Trichloroethene

Concen: 18.895 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN076731.D

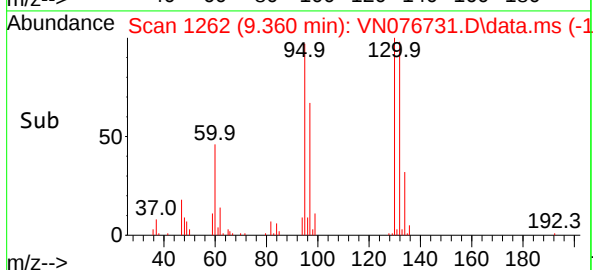
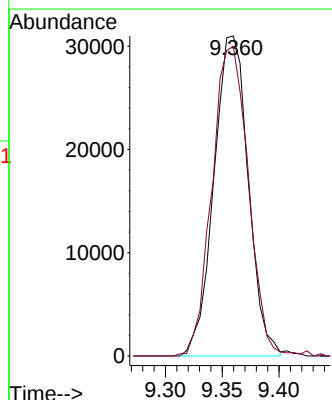
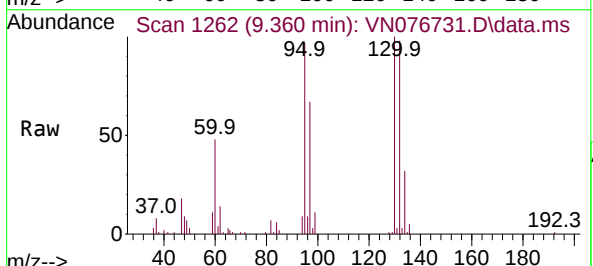
Acq: 17 Feb 2023 13:41

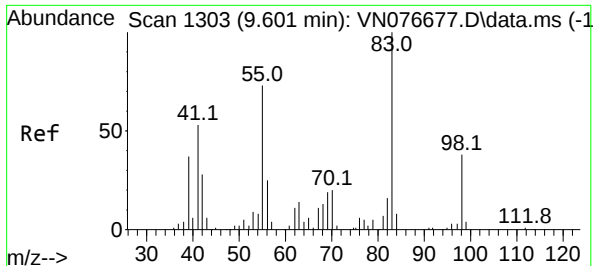
Tgt Ion: 130 Resp: 65160

Ion Ratio Lower Upper

130 100

95 96.1 78.7 118.1

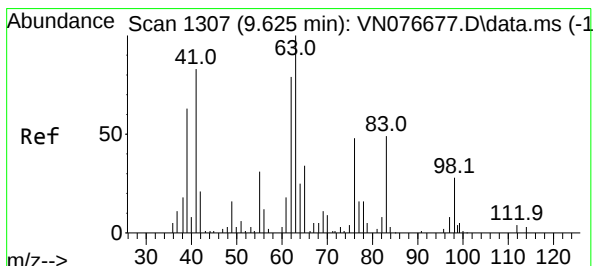
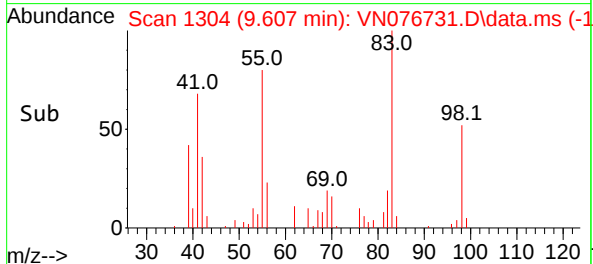
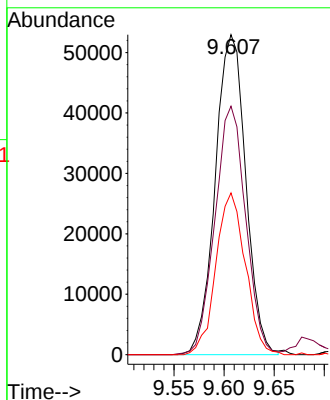
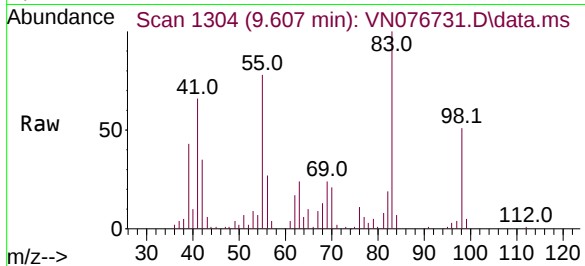




#38
Methylcyclohexane
Concen: 19.208 ug/l
RT: 9.607 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

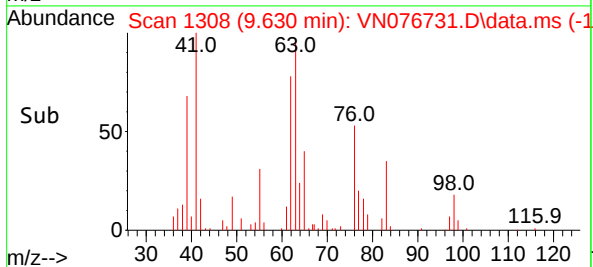
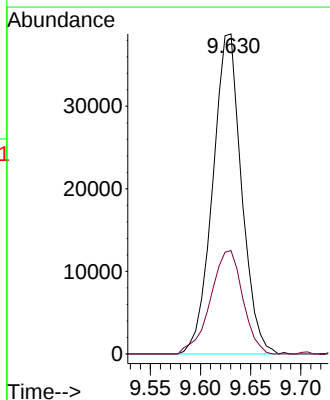
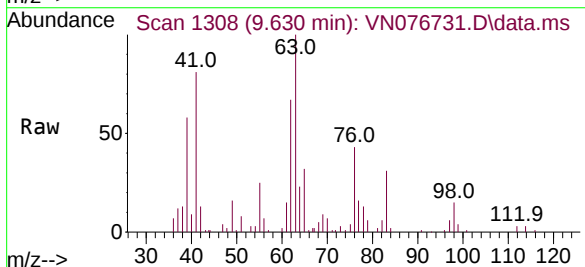
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

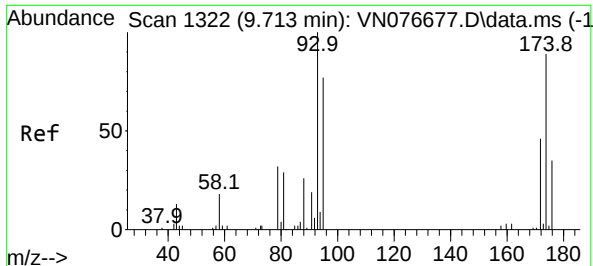
Tgt Ion: 83 Resp: 112271
Ion Ratio Lower Upper
83 100
55 78.2 37.6 112.9
98 48.8 24.1 72.4



#39
1,2-Dichloropropane
Concen: 20.169 ug/l
RT: 9.630 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 63 Resp: 77725
Ion Ratio Lower Upper
63 100
65 32.3 27.2 40.8

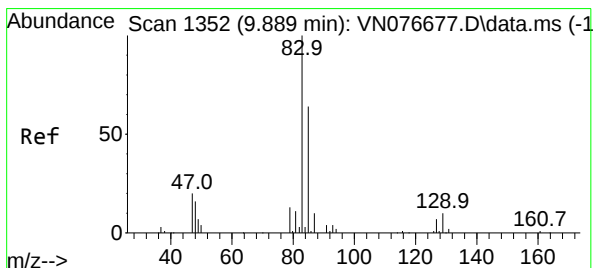
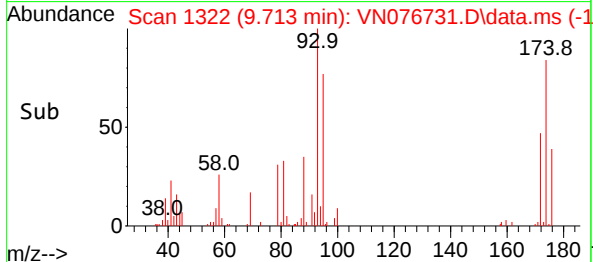
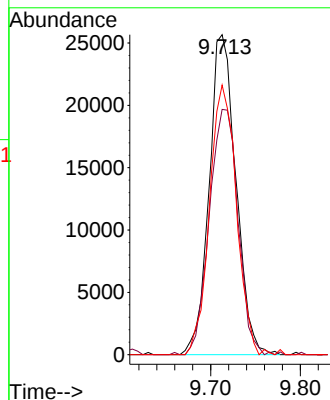
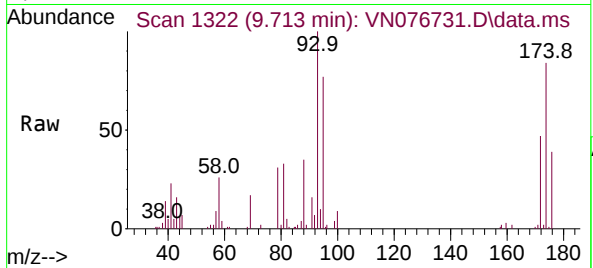




#40
Dibromomethane
Concen: 21.658 ug/l
RT: 9.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

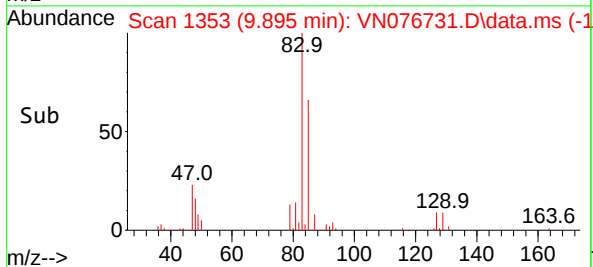
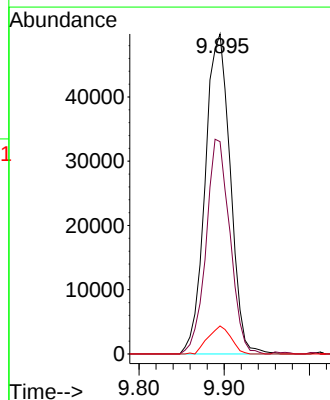
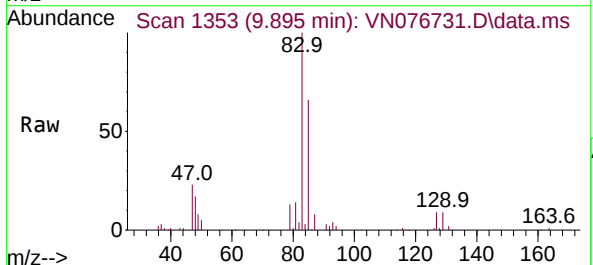
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

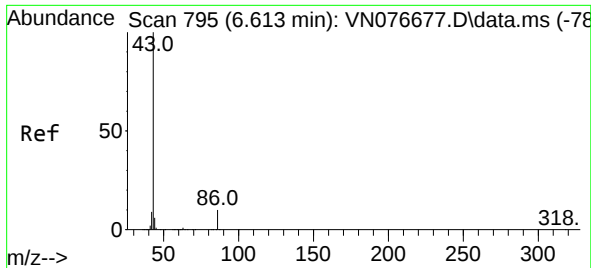
Tgt Ion: 93	Resp: 53228
Ion Ratio	Lower Upper
93 100	
95 81.6	0.0 158.0
174 84.1	0.0 171.2



#41
Bromodichloromethane
Concen: 20.656 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 83	Resp: 101832
Ion Ratio	Lower Upper
83 100	
85 66.4	51.0 76.4
127 8.8	6.2 9.2

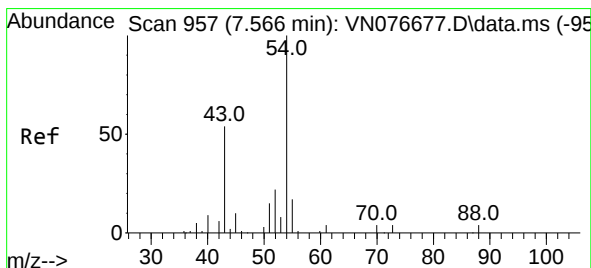
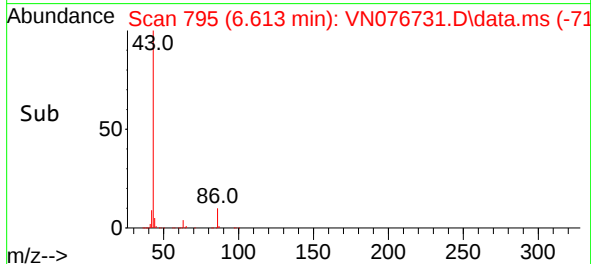
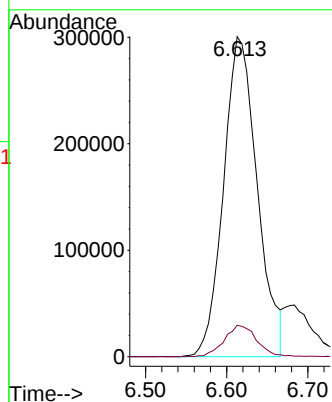
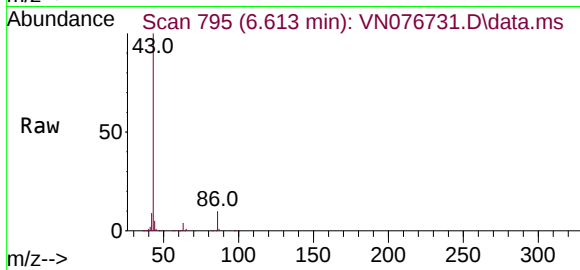




#42
 Vinyl Acetate
 Concen: 110.634 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

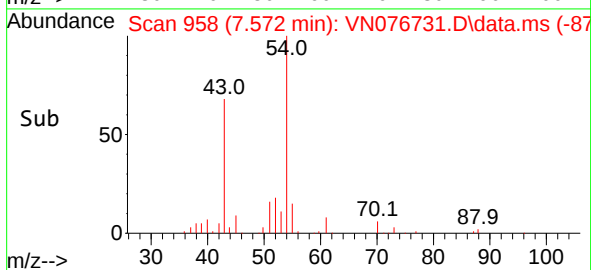
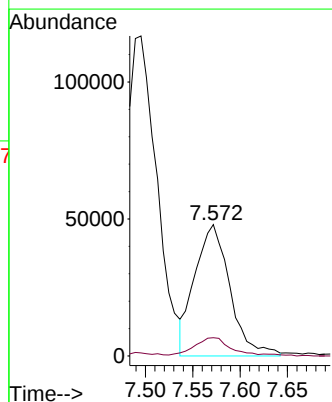
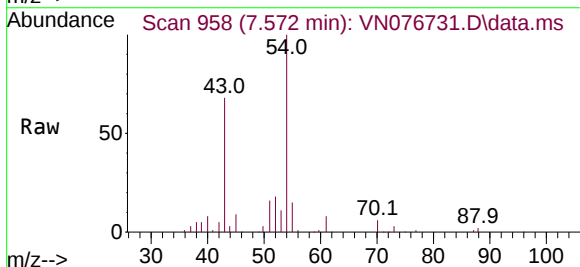
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

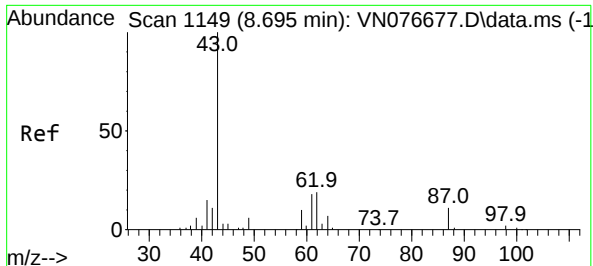
Tgt Ion: 43 Resp: 868658
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.6



#43
 Ethyl Acetate
 Concen: 24.043 ug/l
 RT: 7.572 min Scan# 958
 Delta R.T. 0.006 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Tgt Ion: 43 Resp: 124104
 Ion Ratio Lower Upper
 43 100
 45 13.8 11.2 16.8

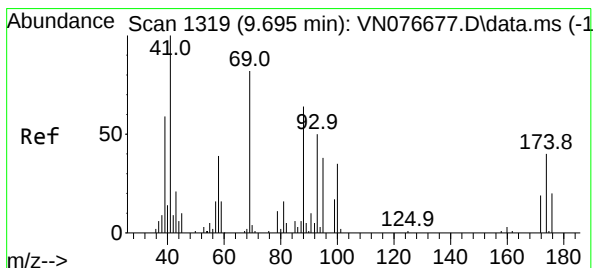
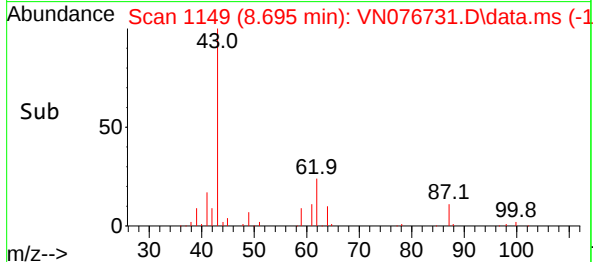
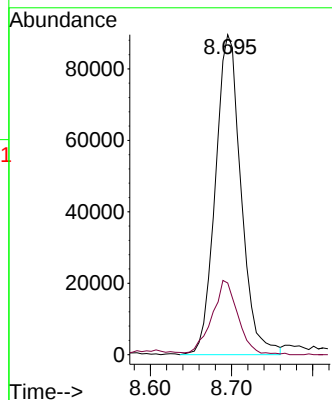
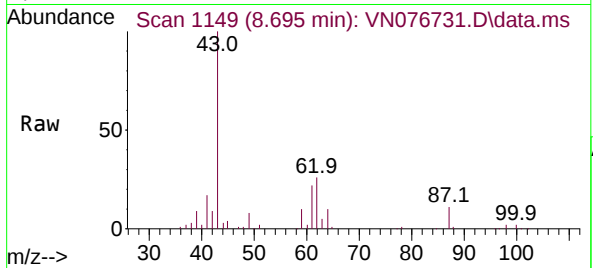




#44
Isopropyl Acetate
Concen: 23.158 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

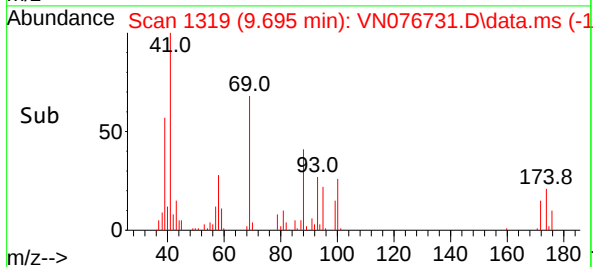
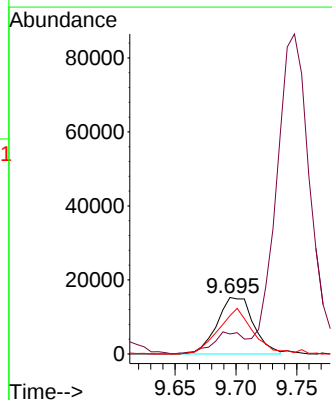
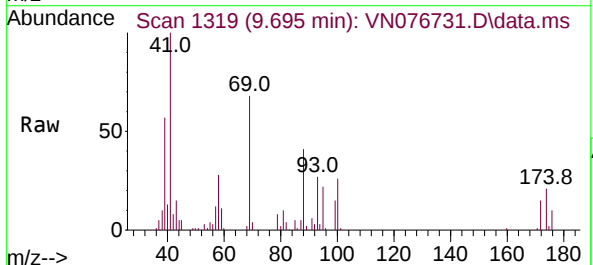
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

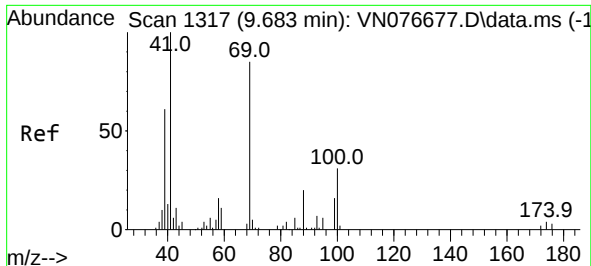
Tgt Ion: 43 Resp: 196766
Ion Ratio Lower Upper
43 100
61 23.4 19.5 29.3



#45
1,4-Dioxane
Concen: 443.647 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 88 Resp: 31904
Ion Ratio Lower Upper
88 100
43 32.1 26.0 39.0
58 74.5 54.3 81.5

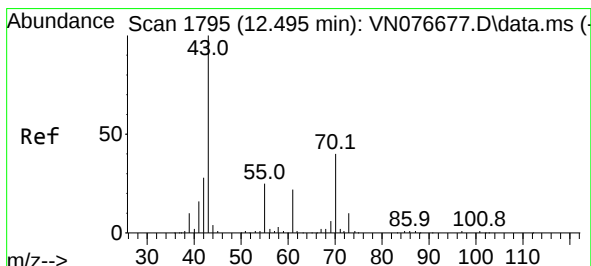
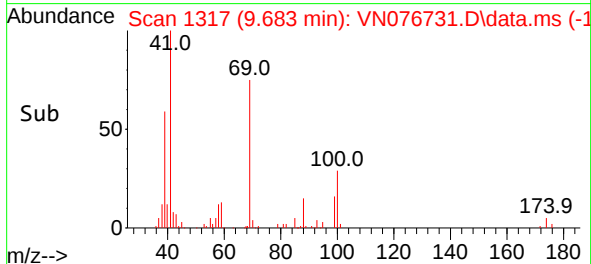
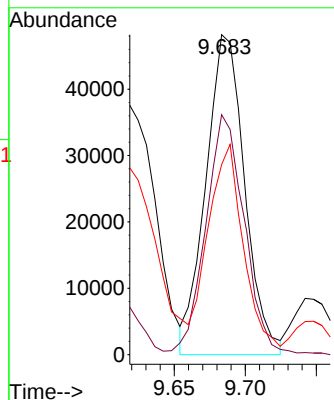
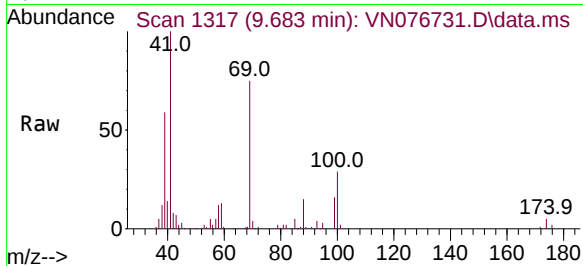




#46
Methyl methacrylate
Concen: 23.495 ug/l
RT: 9.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

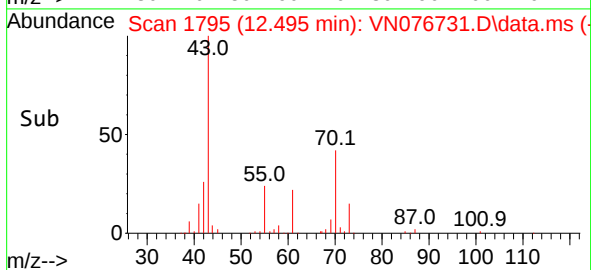
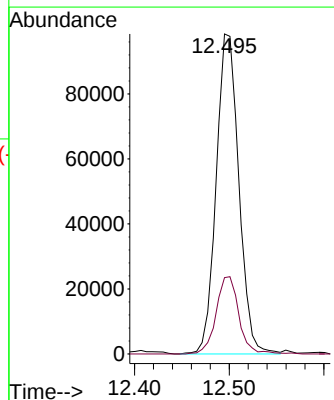
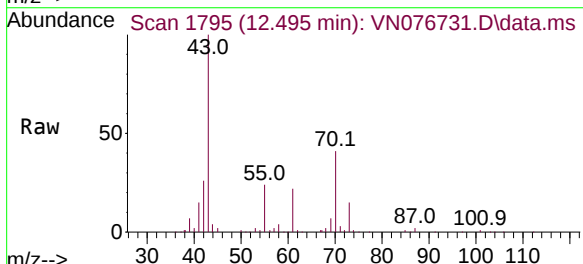
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

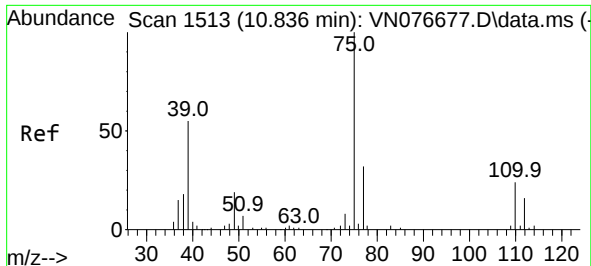
Tgt Ion: 41 Resp: 91638
Ion Ratio Lower Upper
41 100
69 76.7 40.6 121.7
39 59.5 30.5 91.5



#47
n-amy1 Acetate
Concen: 21.845 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 43 Resp: 163914
Ion Ratio Lower Upper
43 100
55 23.8 18.3 27.5

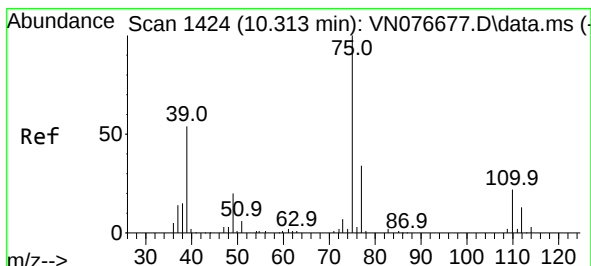
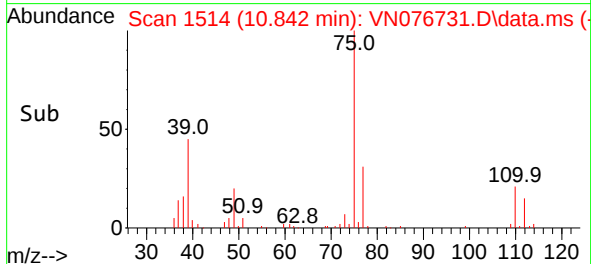
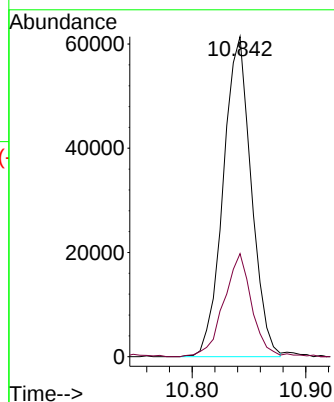
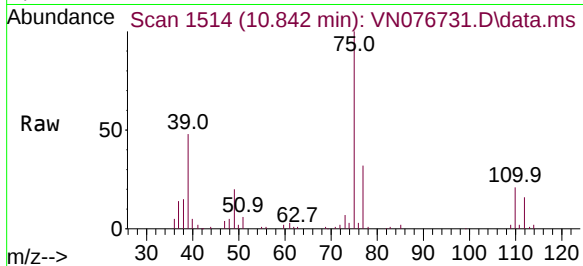




#48
 t-1,3-Dichloropropene
 Concen: 21.100 ug/l
 RT: 10.842 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

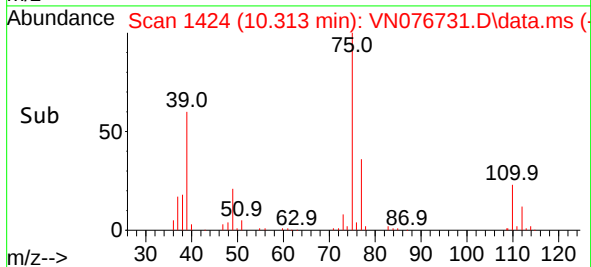
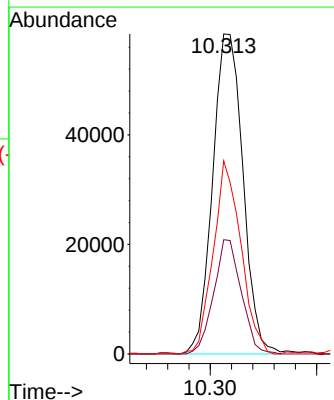
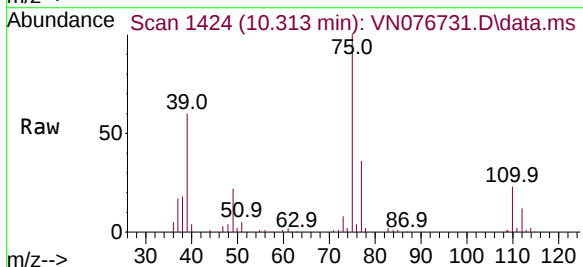
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

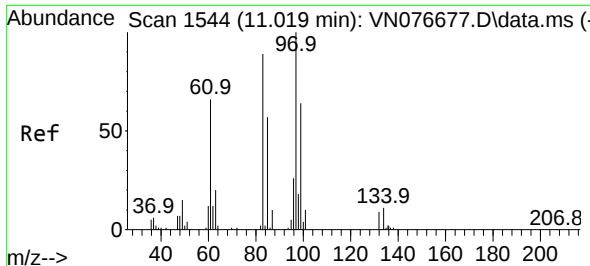
Tgt Ion: 75 Resp: 105504
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#49
 cis-1,3-Dichloropropene
 Concen: 20.265 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Tgt Ion: 75 Resp: 115331
 Ion Ratio Lower Upper
 75 100
 77 35.7 27.5 41.3
 39 60.3 43.5 65.3

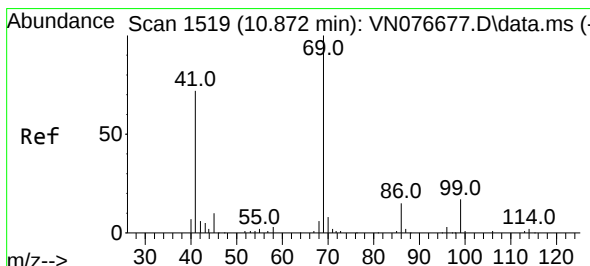
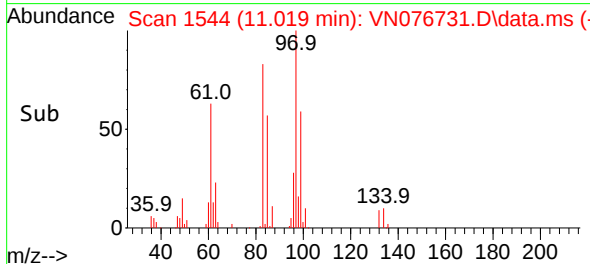
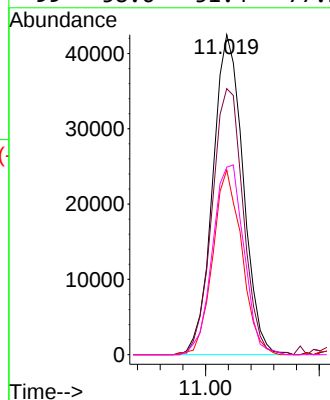
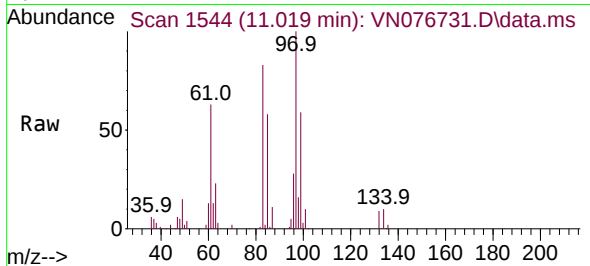




#50
1,1,2-Trichloroethane
Concen: 22.034 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

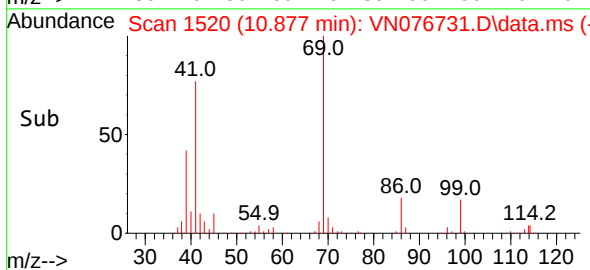
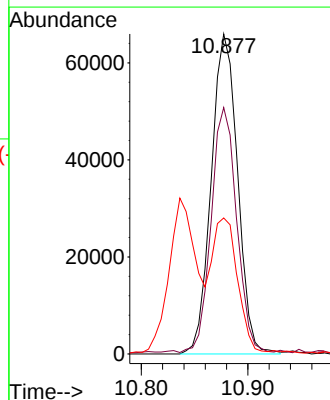
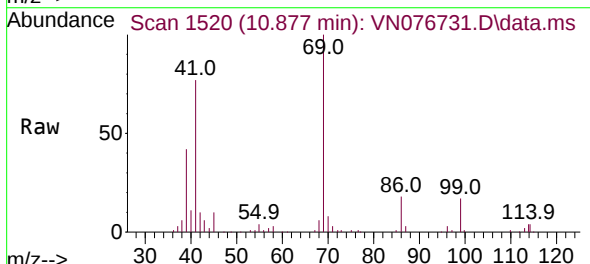
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

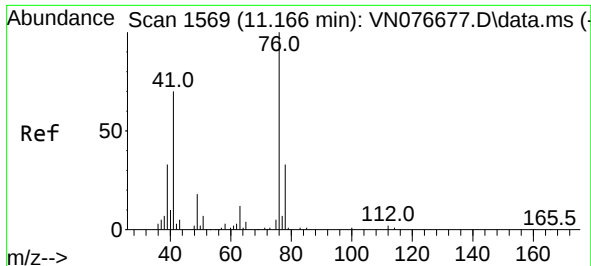
Tgt Ion: 97	Resp: 78722
Ion Ratio	Lower Upper
97 100	
83 82.5	71.0 106.4
85 57.7	45.5 68.3
99 58.6	51.4 77.2



#51
Ethyl methacrylate
Concen: 21.854 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 69	Resp: 113358
Ion Ratio	Lower Upper
69 100	
41 76.5	36.3 108.7
39 41.8	19.9 59.7

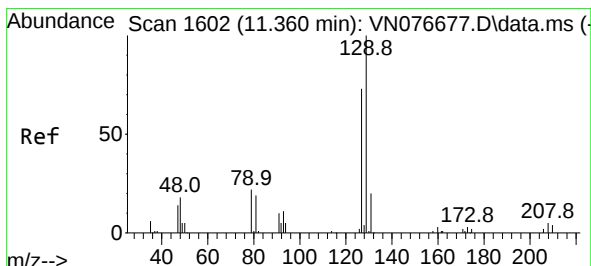
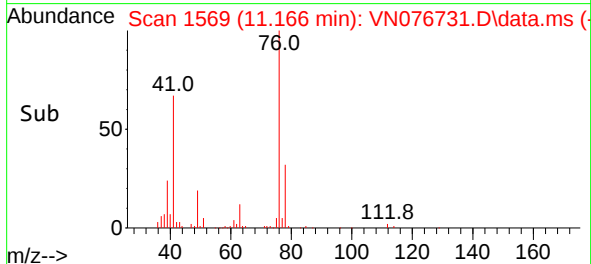
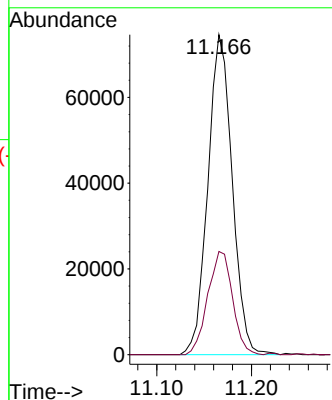
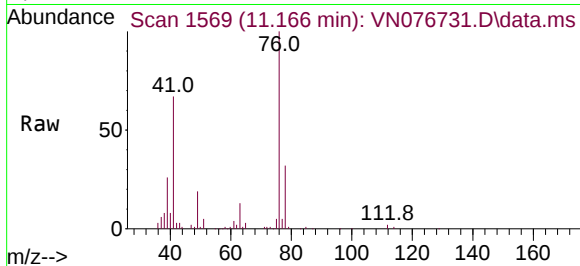




#52
1,3-Dichloropropane
Concen: 21.648 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

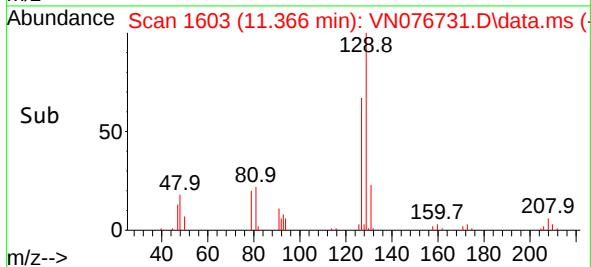
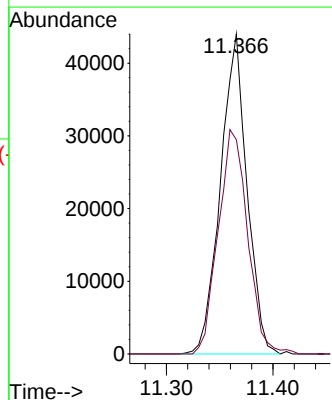
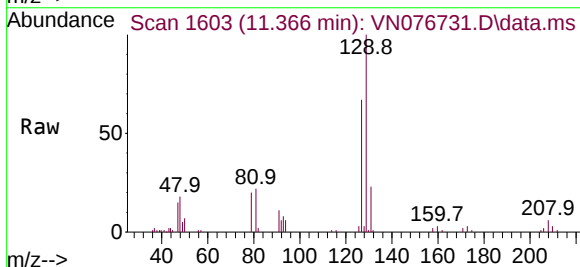
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

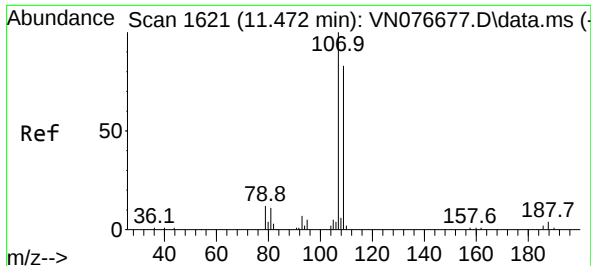
Tgt Ion: 76 Resp: 132967
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4



#53
Dibromochloromethane
Concen: 20.702 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 129 Resp: 75974
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

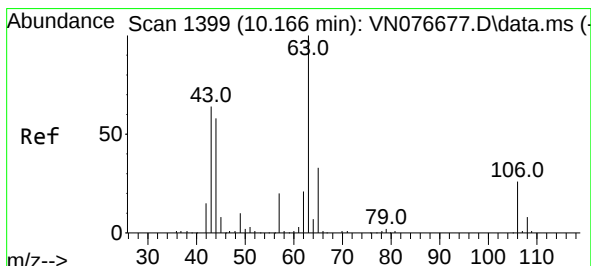
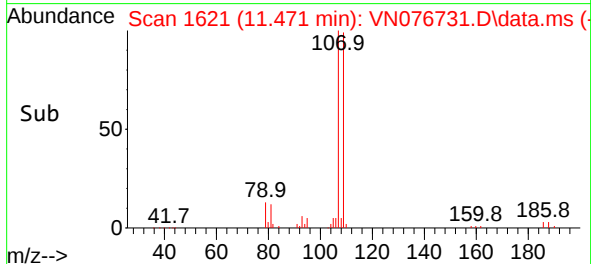
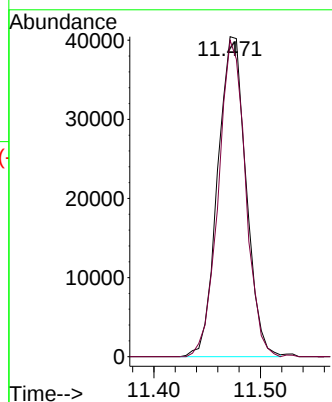
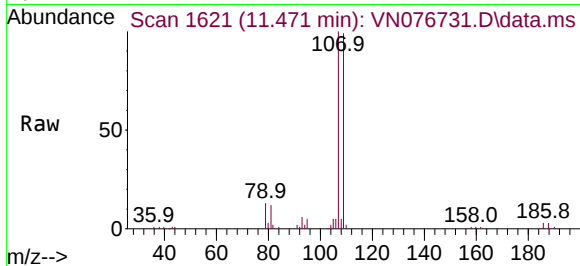




#54
1,2-Dibromoethane
Concen: 21.566 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

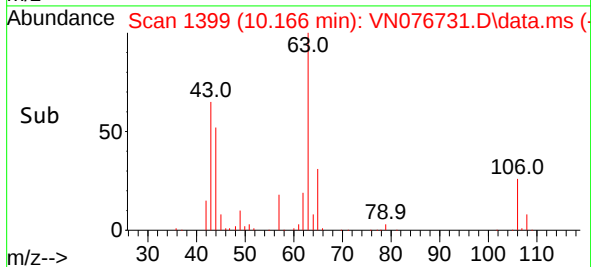
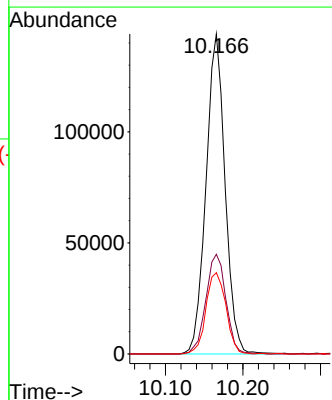
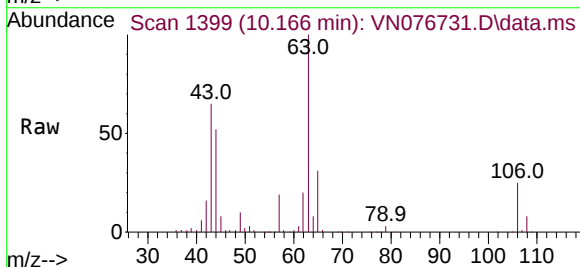
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

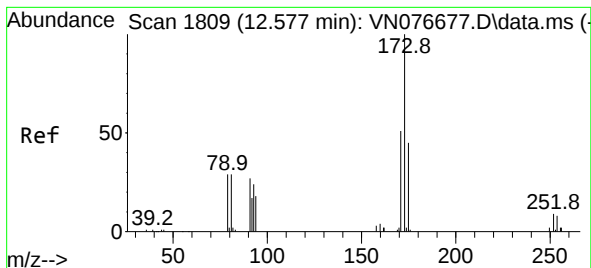
Tgt Ion:107 Resp: 75005
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 107.152 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 63 Resp: 246404
Ion Ratio Lower Upper
63 100
65 32.7 26.3 39.5
106 26.6 21.6 32.4





#56

Bromoform

Concen: 19.992 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBSD01

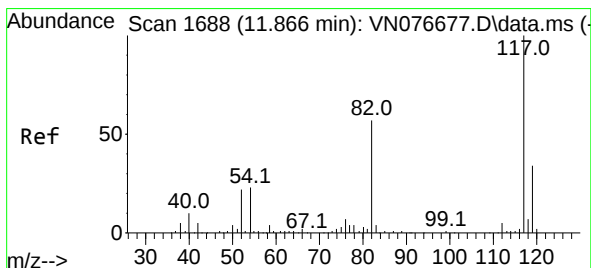
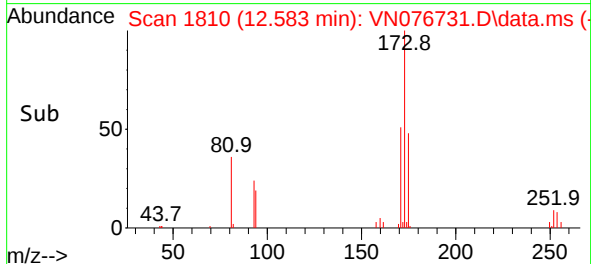
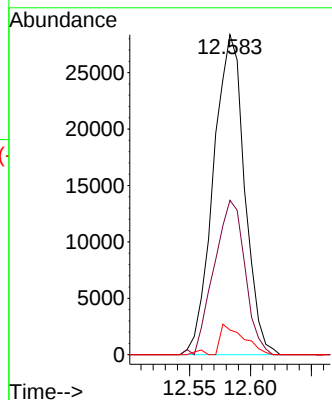
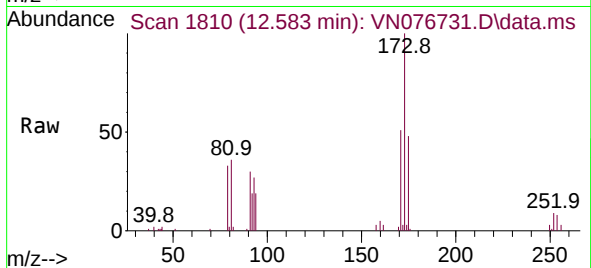
Tgt Ion:173 Resp: 50530

Ion Ratio Lower Upper

173 100

175 47.4 37.8 56.6

254 7.1 7.3 10.9#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

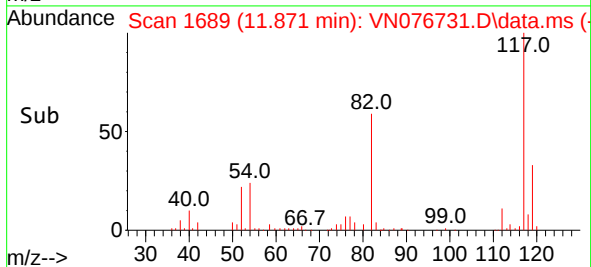
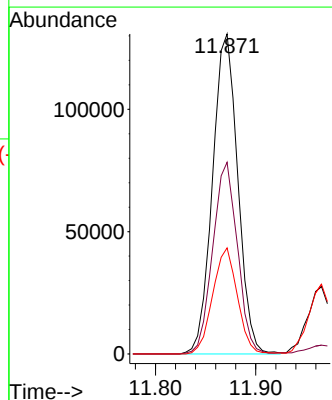
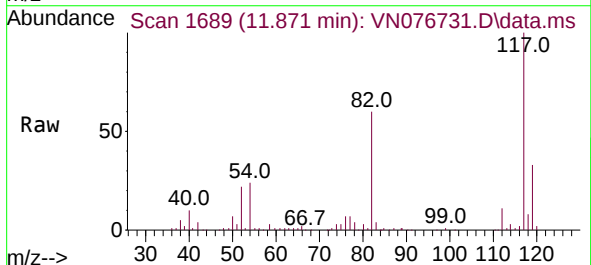
Tgt Ion:117 Resp: 228916

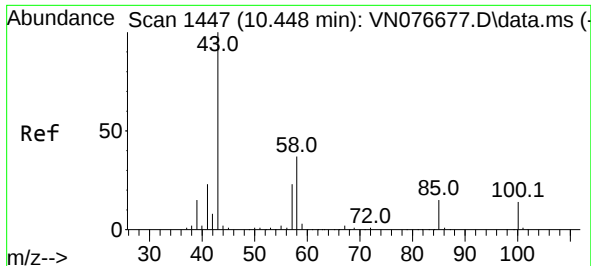
Ion Ratio Lower Upper

117 100

82 58.5 45.4 68.0

119 32.5 26.8 40.2

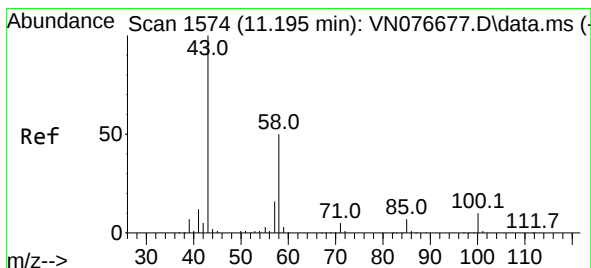
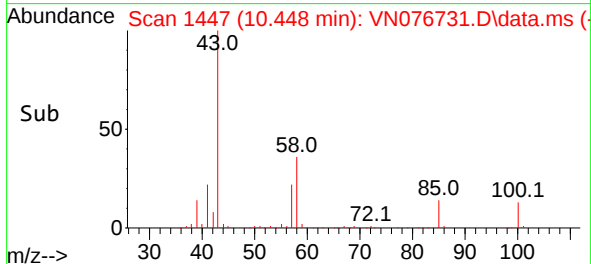
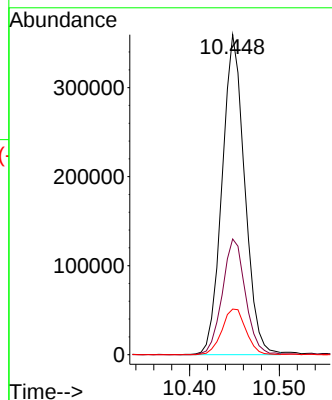
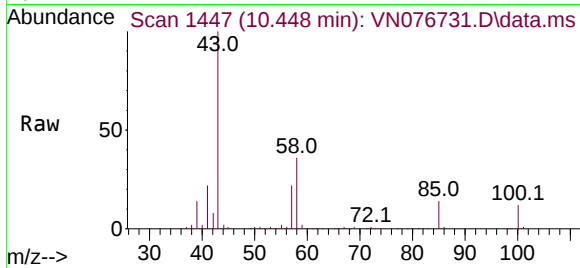




#58
4-Methyl-2-Pentanone
Concen: 115.420 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

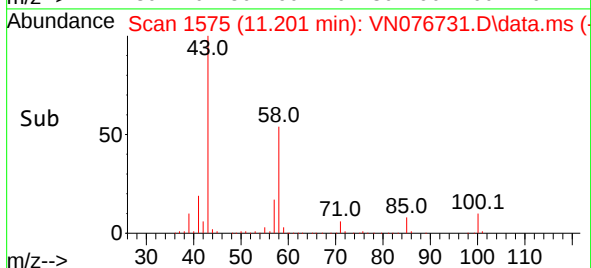
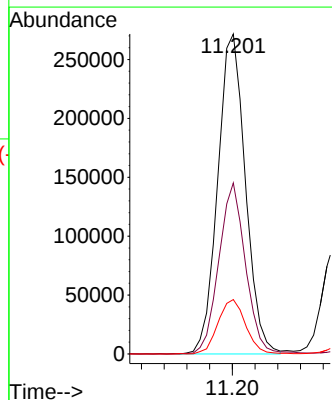
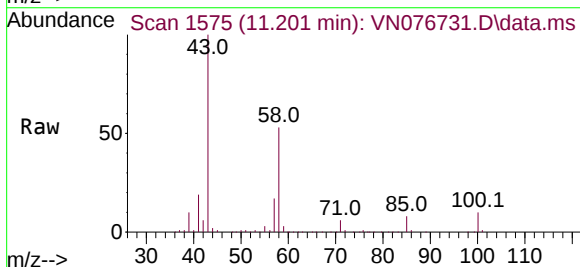
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

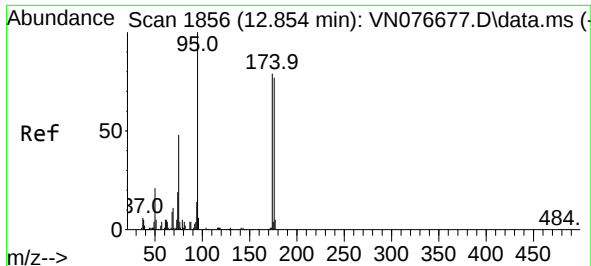
Tgt Ion: 43 Resp: 628405
Ion Ratio Lower Upper
43 100
58 37.0 28.6 42.8
85 15.2 11.8 17.8



#59
2-Hexanone
Concen: 113.578 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 43 Resp: 459958
Ion Ratio Lower Upper
43 100
58 51.2 40.6 60.8
57 17.0 13.1 19.7

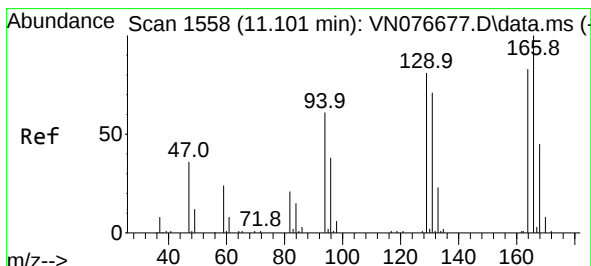
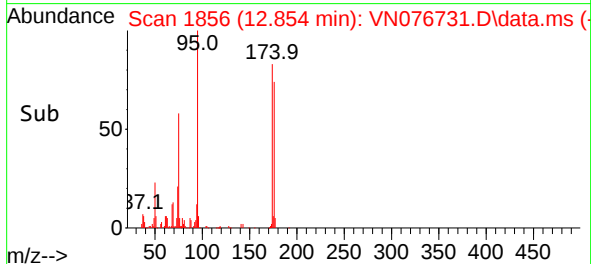
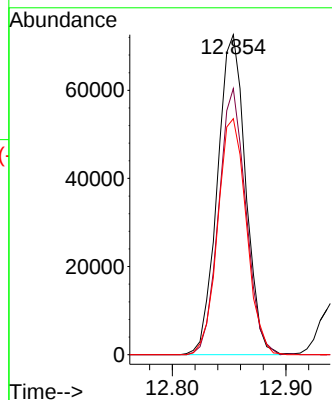
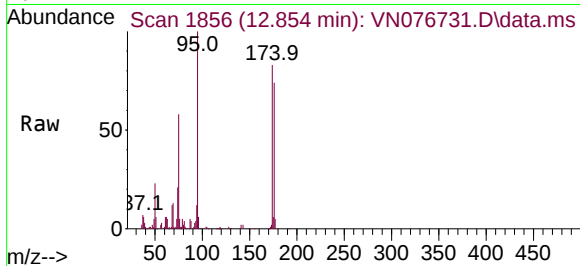




#60
4-Bromofluorobenzene
Concen: 30.916 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

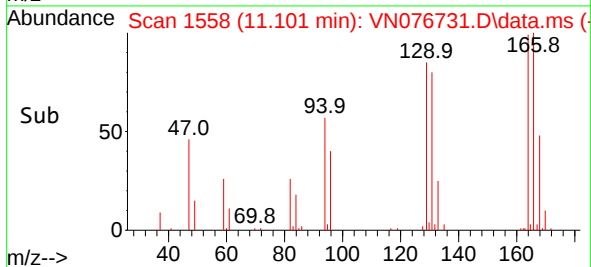
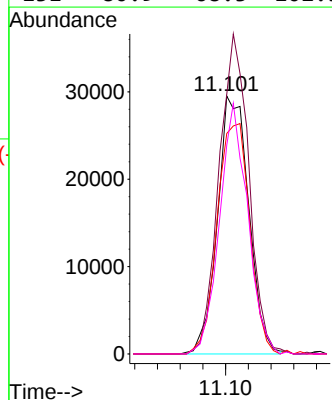
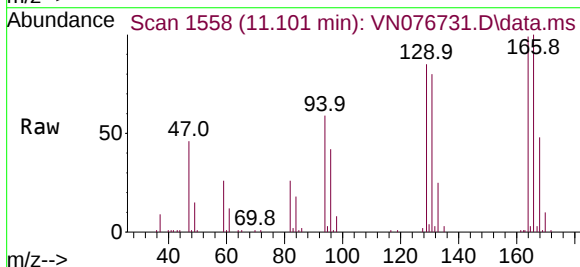
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

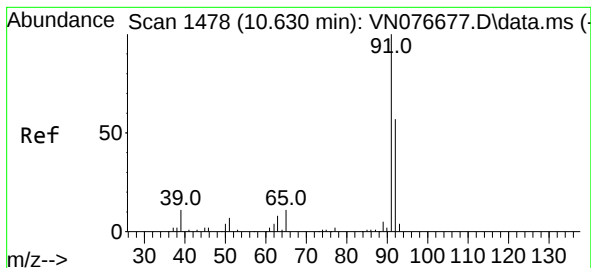
Tgt Ion: 95 Resp: 125178
Ion Ratio Lower Upper
95 100
174 80.2 64.2 96.4
176 74.9 61.4 92.0



#61
Tetrachloroethene
Concen: 19.517 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:164 Resp: 56419
Ion Ratio Lower Upper
164 100
166 100.7 96.2 144.2
129 85.5 78.2 117.4
131 80.9 68.3 102.5





#62

Toluene

Concen: 20.521 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

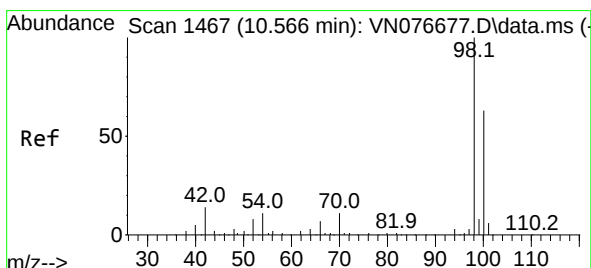
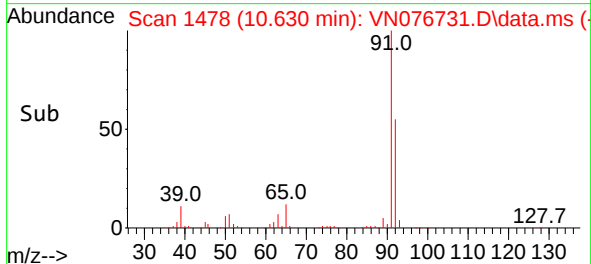
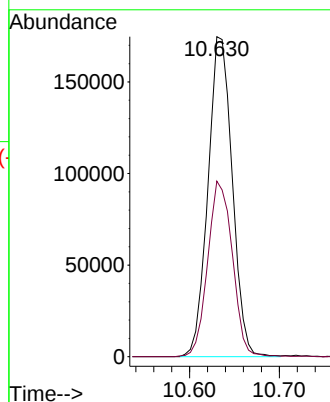
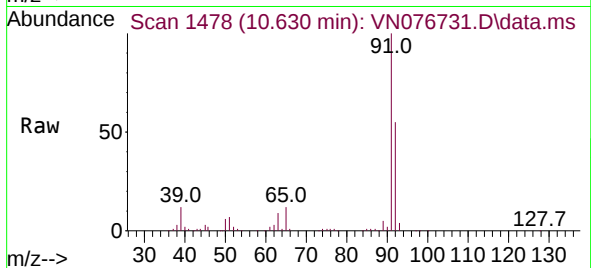
VN0217WBSD01

Tgt Ion: 91 Resp: 328297

Ion Ratio Lower Upper

91 100

92 55.6 46.3 69.5



#63

Toluene-d8

Concen: 30.052 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076731.D

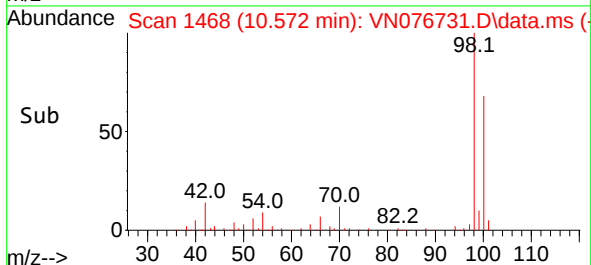
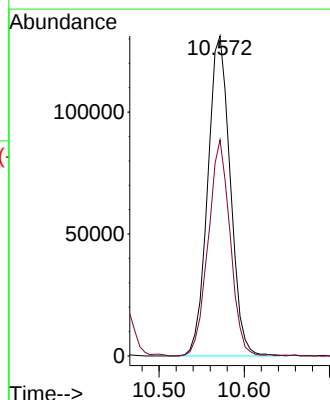
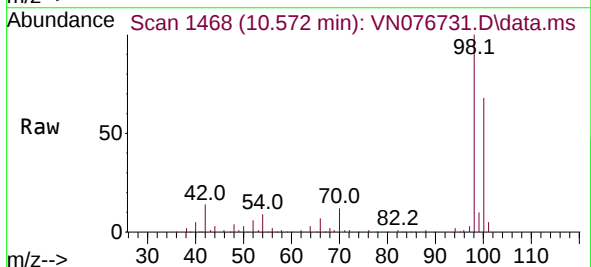
Acq: 17 Feb 2023 13:41

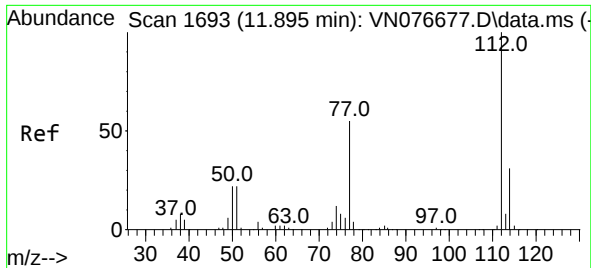
Tgt Ion: 98 Resp: 240960

Ion Ratio Lower Upper

98 100

100 65.6 53.8 80.6

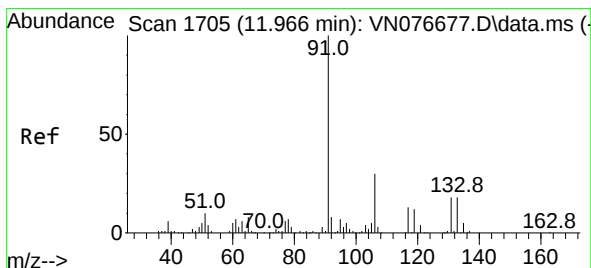
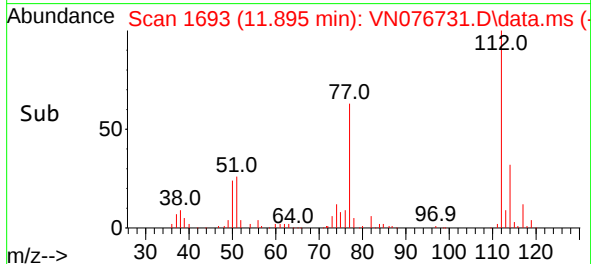
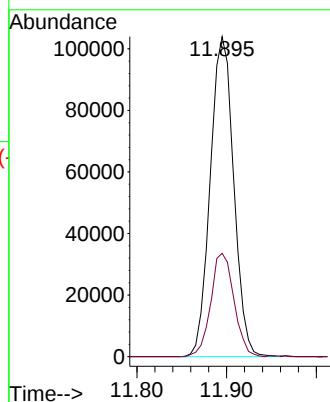
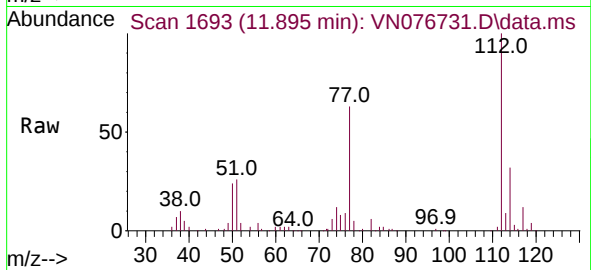




#64
Chlorobenzene
Concen: 19.803 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

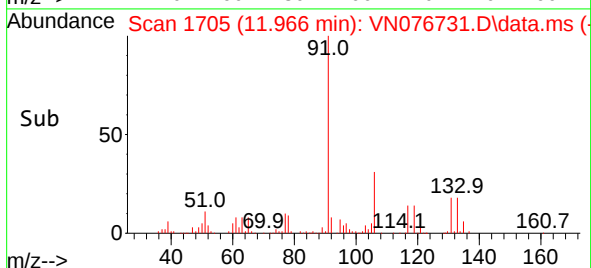
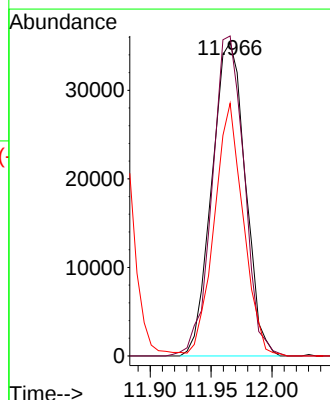
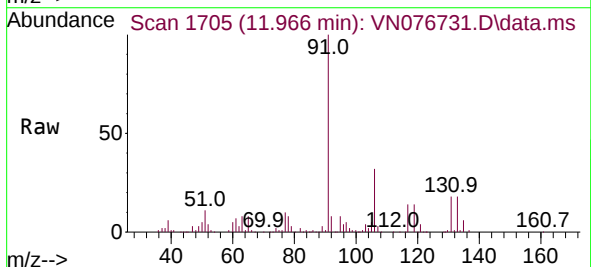
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

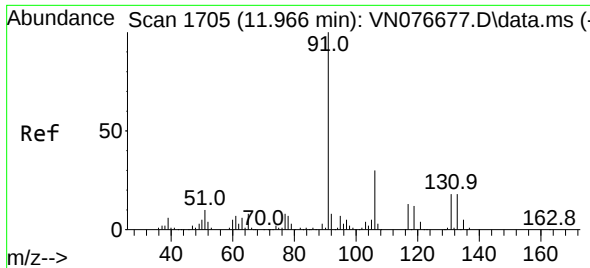
Tgt Ion:112 Resp: 188742
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7



#65
1,1,1,2-Tetrachloroethane
Concen: 19.360 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:131 Resp: 67642
Ion Ratio Lower Upper
131 100
133 97.3 0.0 197.6
119 70.0 0.0 127.8

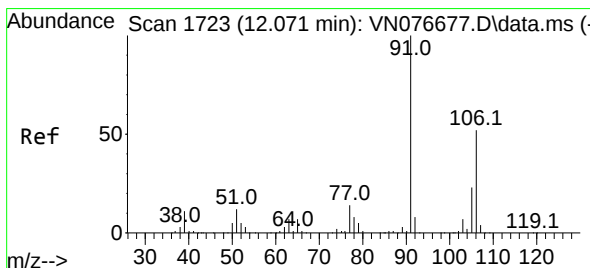
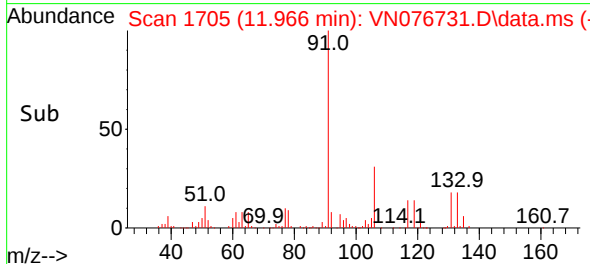
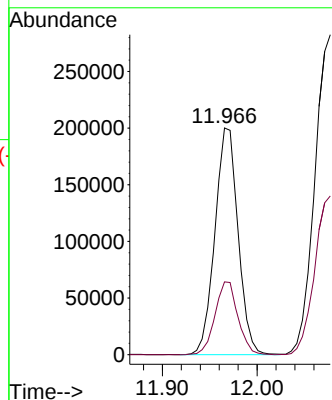
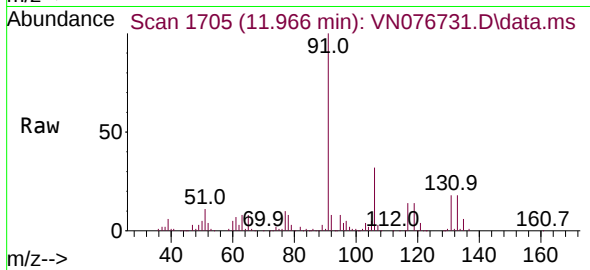




#66
Ethyl Benzene
Concen: 19.994 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

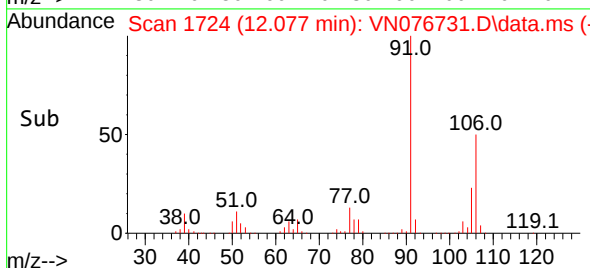
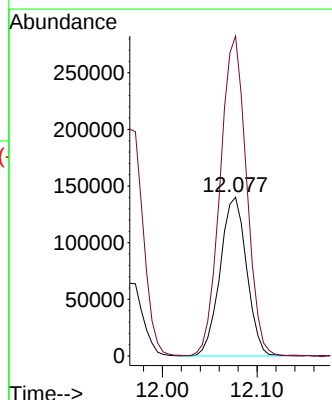
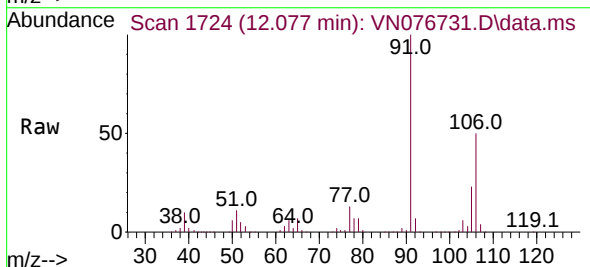
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

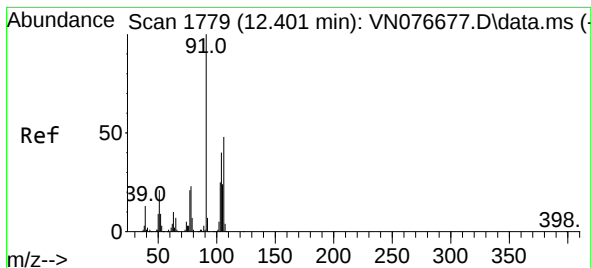
Tgt Ion: 91 Resp: 340044
Ion Ratio Lower Upper
91 100
106 32.1 23.8 35.8



#67
m/p-Xylenes
Concen: 40.969 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:106 Resp: 272477
Ion Ratio Lower Upper
106 100
91 199.9 157.4 236.2





#68

o-Xylene

Concen: 20.604 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

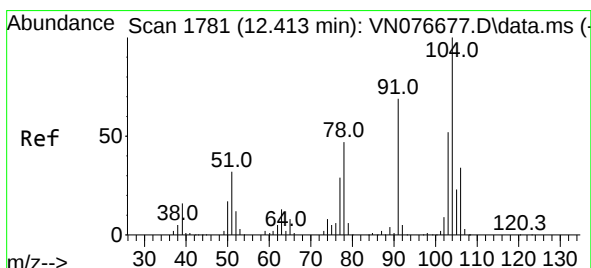
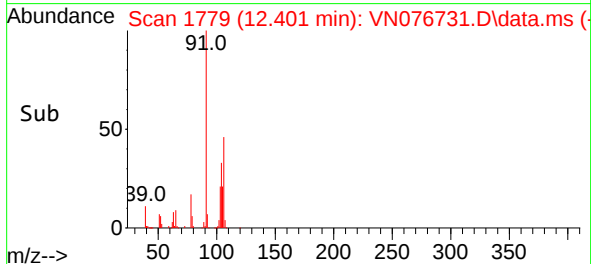
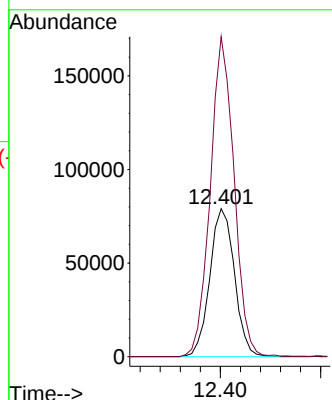
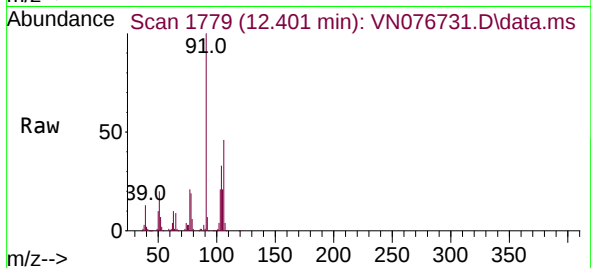
VN0217WBSD01

Tgt Ion:106 Resp: 135036

Ion Ratio Lower Upper

106 100

91 208.3 107.2 321.6



#69

Styrene

Concen: 20.874 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

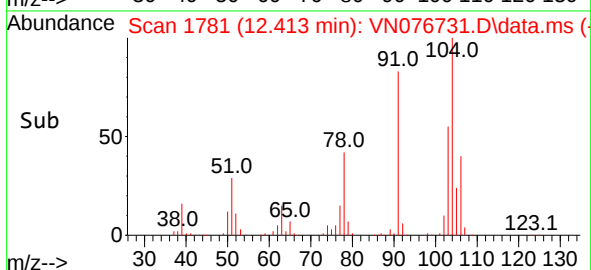
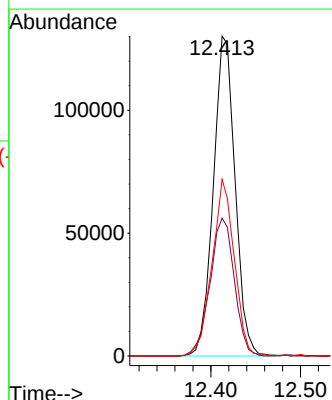
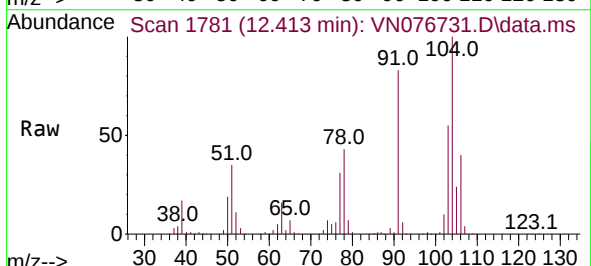
Tgt Ion:104 Resp: 219633

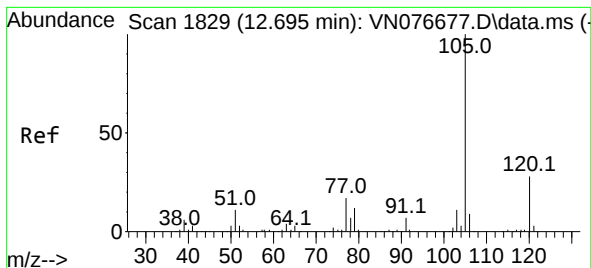
Ion Ratio Lower Upper

104 100

78 47.8 39.6 59.4

103 56.5 43.9 65.9





#70

Isopropylbenzene

Concen: 19.903 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

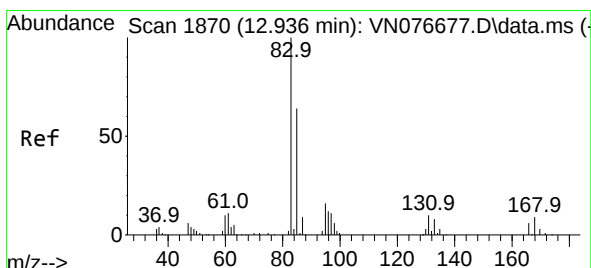
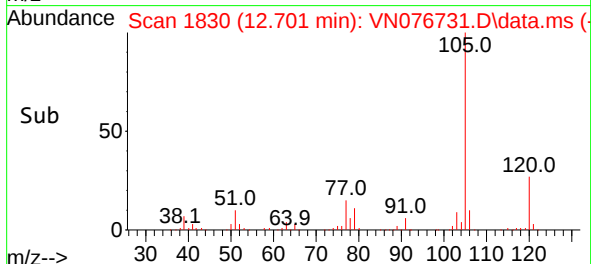
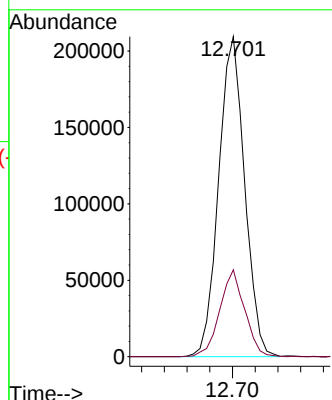
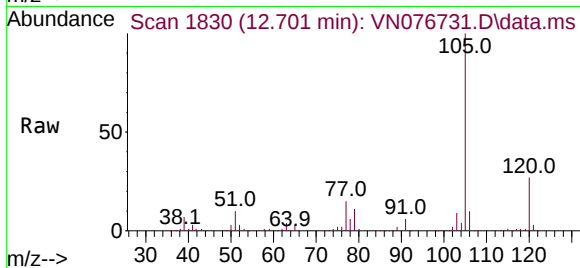
VN0217WBSD01

Tgt Ion:105 Resp: 332785

Ion Ratio Lower Upper

105 100

120 26.0 19.0 35.2



#71

1,1,2,2-Tetrachloroethane

Concen: 22.384 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

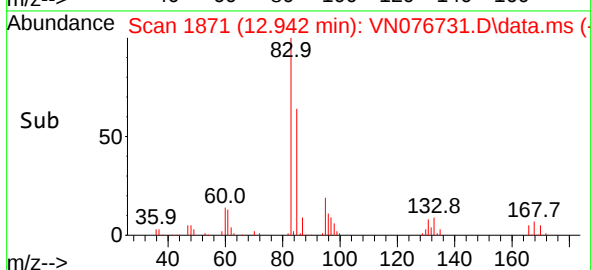
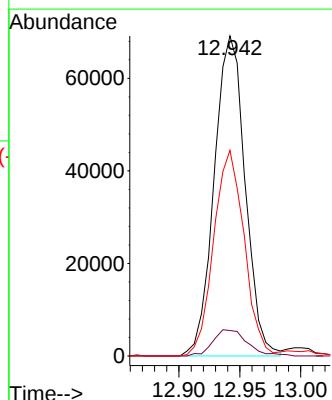
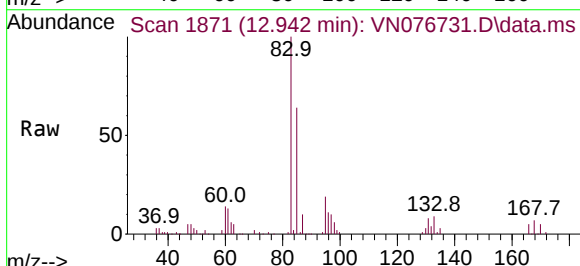
Tgt Ion: 83 Resp: 122445

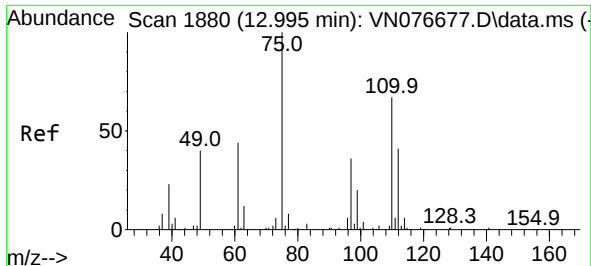
Ion Ratio Lower Upper

83 100

131 9.1 5.0 14.9

85 63.1 32.3 96.9

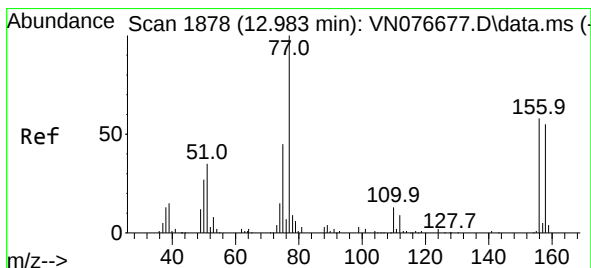
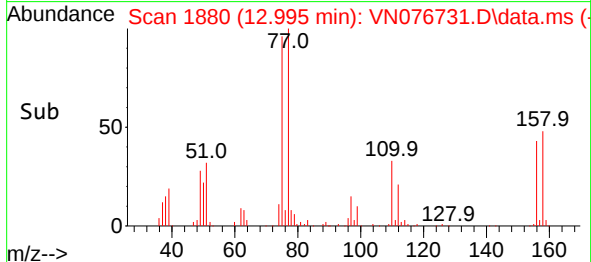
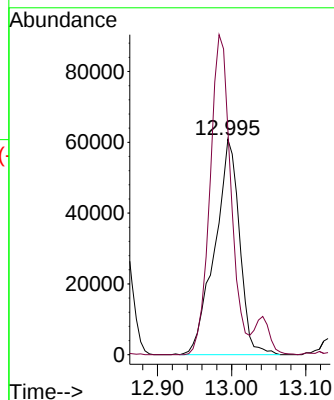
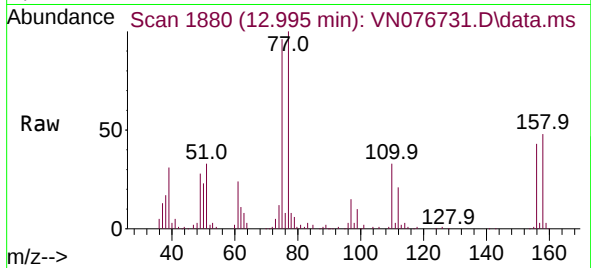




#72
1,2,3-Trichloropropane
Concen: 29.361 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

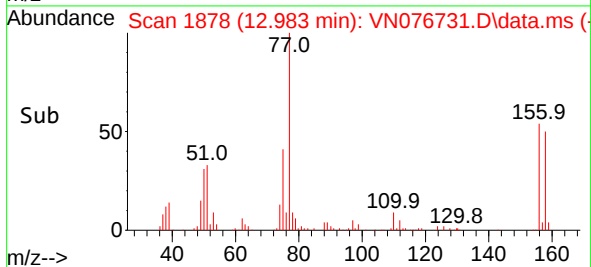
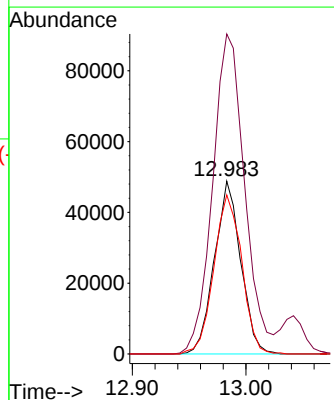
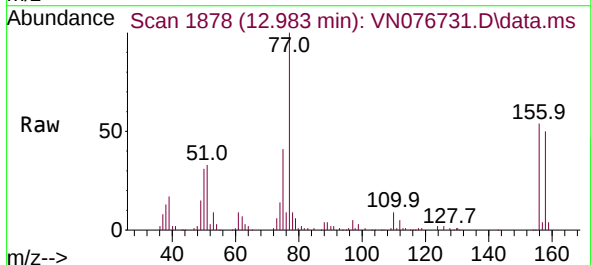
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

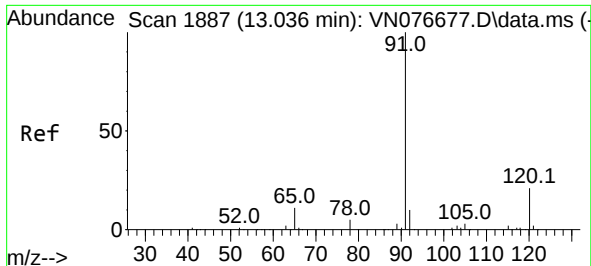
Tgt Ion: 75 Resp: 141486
Ion Ratio Lower Upper
75 100
77 125.1 0.0 332.6



#73
Bromobenzene
Concen: 20.317 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:156 Resp: 78824
Ion Ratio Lower Upper
156 100
77 224.6 0.0 423.0
158 97.1 0.0 188.6

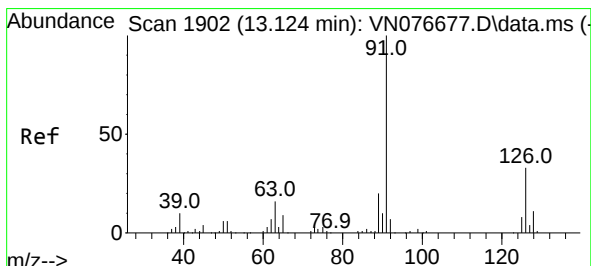
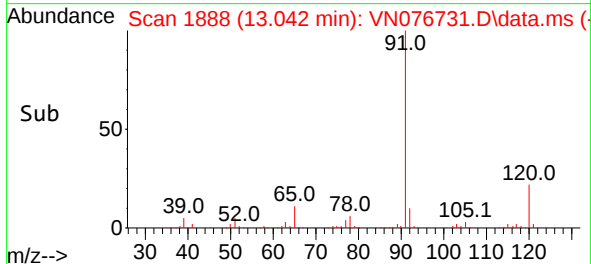
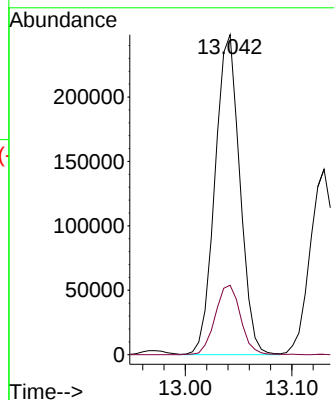
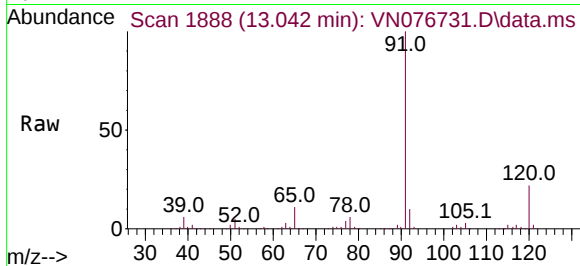




#74
n-propylbenzene
Concen: 20.181 ug/l
RT: 13.042 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

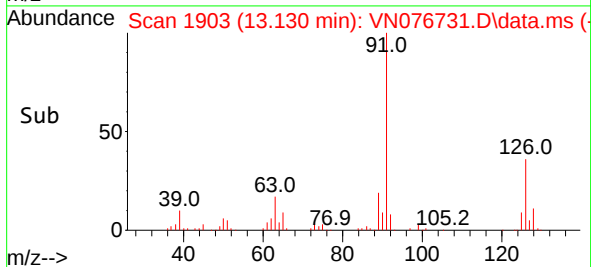
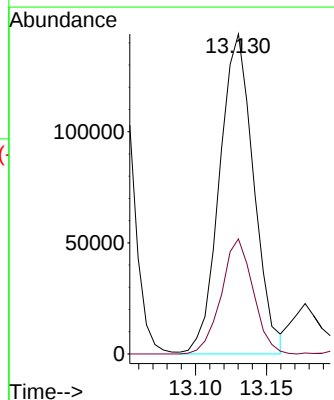
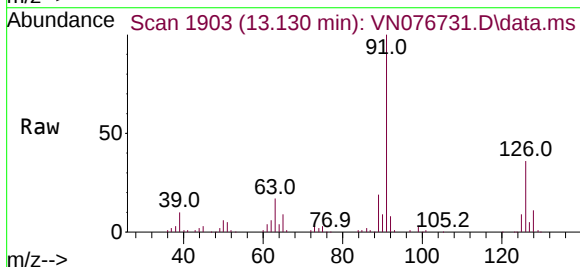
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

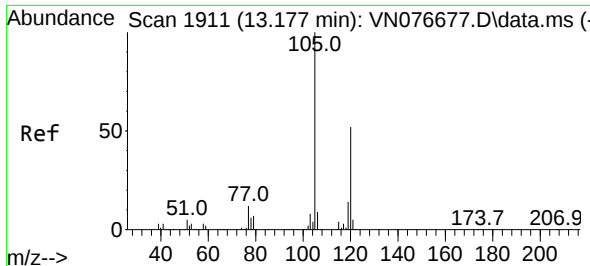
Tgt Ion: 91 Resp: 401890
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0



#75
2-Chlorotoluene
Concen: 20.345 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 91 Resp: 241093
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.4

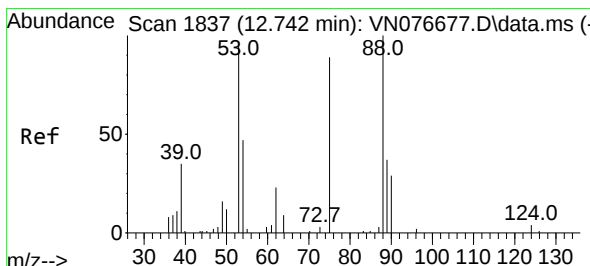
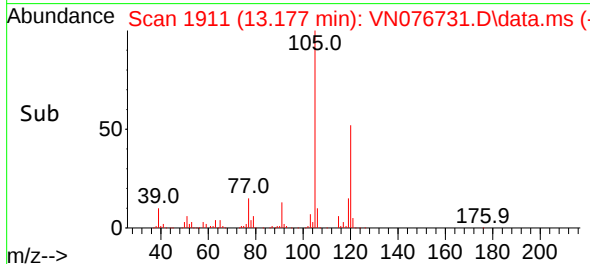
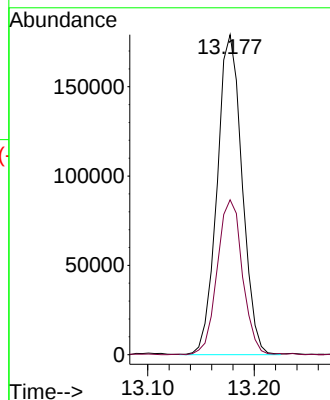
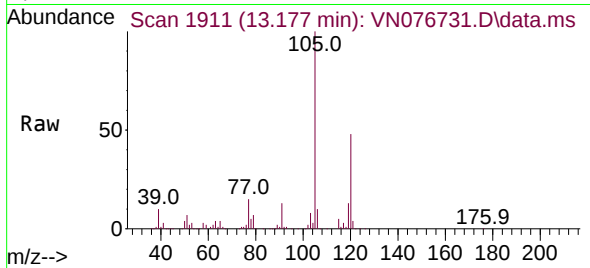




#76
1,3,5-Trimethylbenzene
Concen: 20.914 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

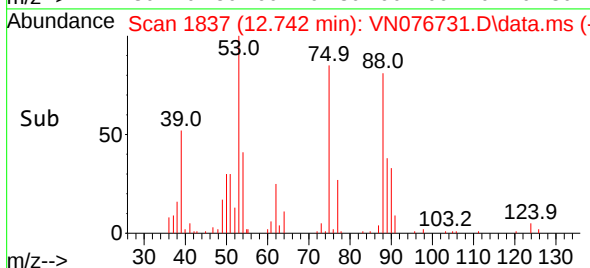
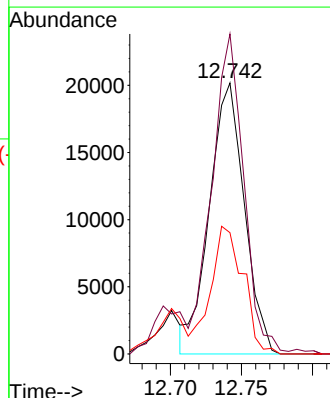
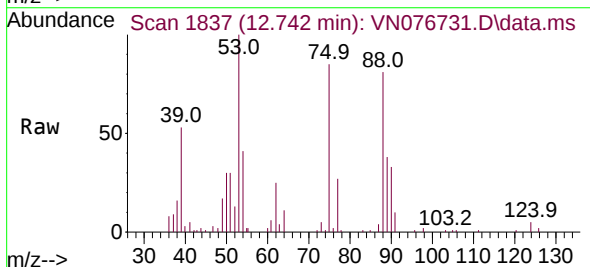
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

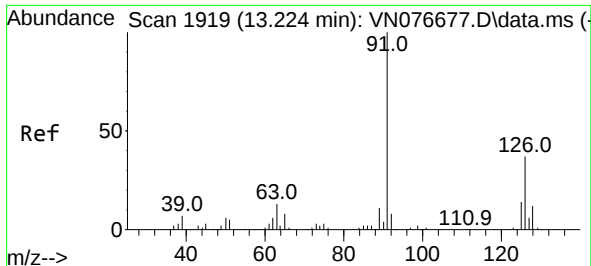
Tgt Ion:105 Resp: 291649
Ion Ratio Lower Upper
105 100
120 48.7 0.0 103.2



#77
t-1,4-Dichloro-2-butene
Concen: 22.341 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 75 Resp: 34589
Ion Ratio Lower Upper
75 100
53 116.6 50.4 151.3
89 44.7 22.1 66.5

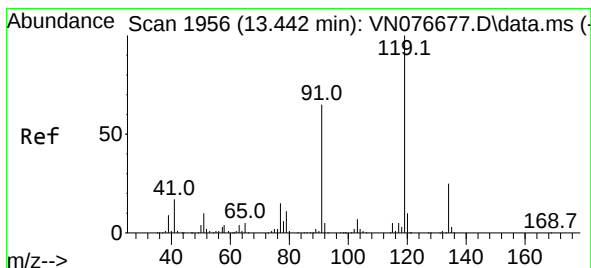
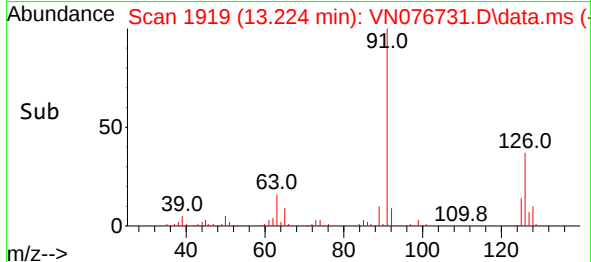
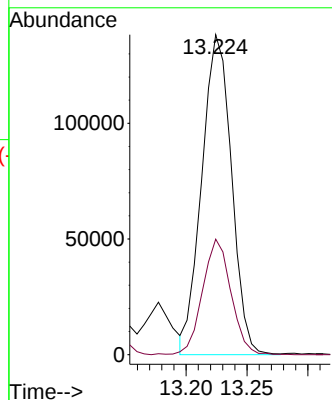
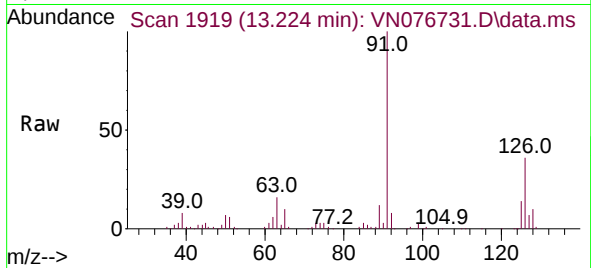




#78
4-Chlorotoluene
Concen: 20.738 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

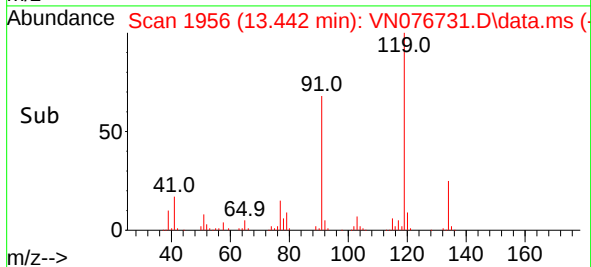
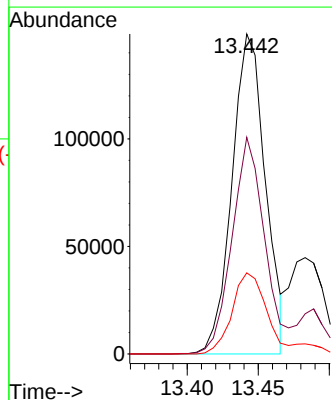
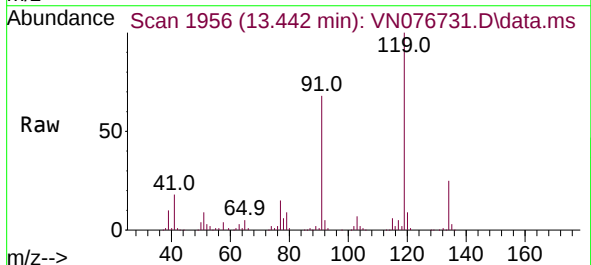
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

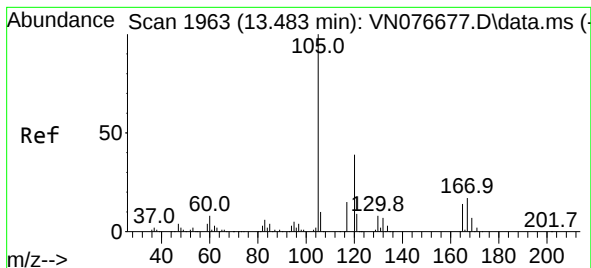
Tgt Ion: 91 Resp: 235589
Ion Ratio Lower Upper
91 100
126 34.3 0.0 70.6



#79
tert-butylbenzene
Concen: 19.708 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 119 Resp: 243332
Ion Ratio Lower Upper
119 100
91 66.6 0.0 129.6
134 25.8 0.0 47.8





#80

1,2,4-Trimethylbenzene

Concen: 21.081 ug/l

RT: 13.489 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VN076731.D

Acq: 17 Feb 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

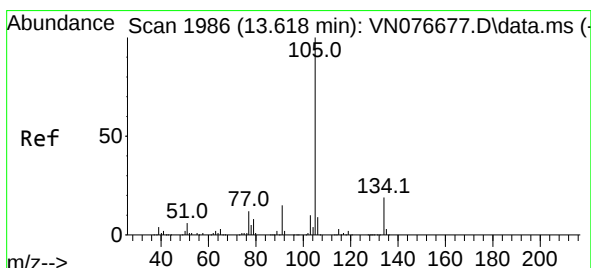
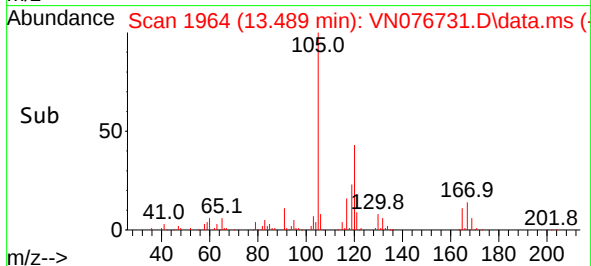
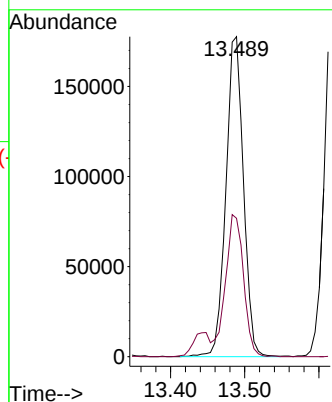
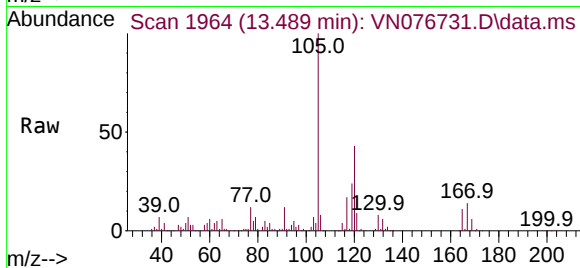
VN0217WBSD01

Tgt Ion:105 Resp: 291911

Ion Ratio Lower Upper

105 100

120 46.0 0.0 93.2



#81

sec-Butylbenzene

Concen: 20.291 ug/l

RT: 13.624 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN076731.D

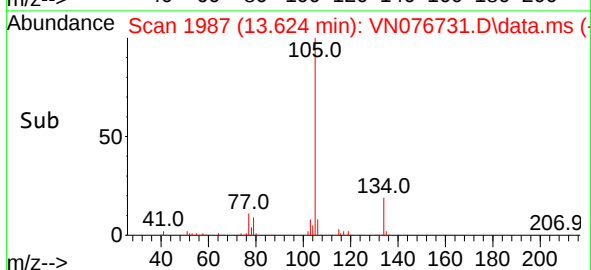
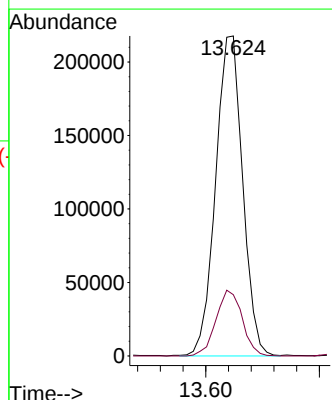
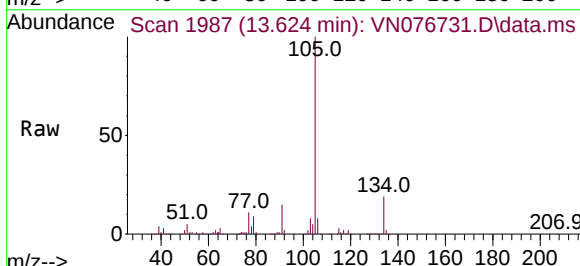
Acq: 17 Feb 2023 13:41

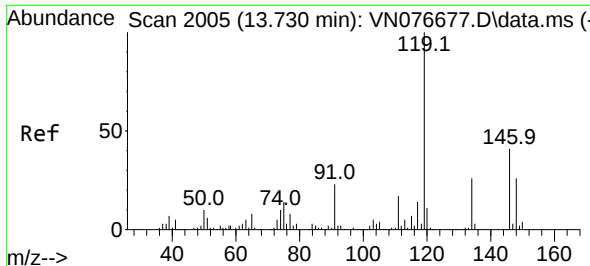
Tgt Ion:105 Resp: 359768

Ion Ratio Lower Upper

105 100

134 19.9 0.0 39.4

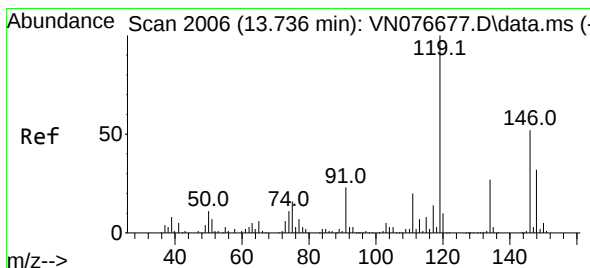
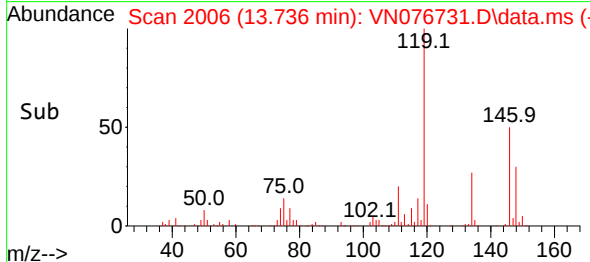
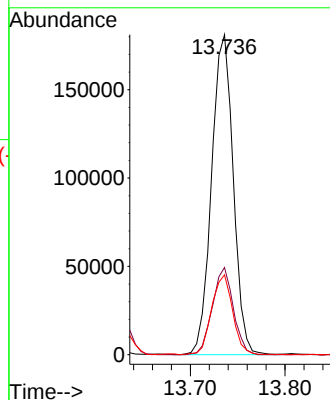
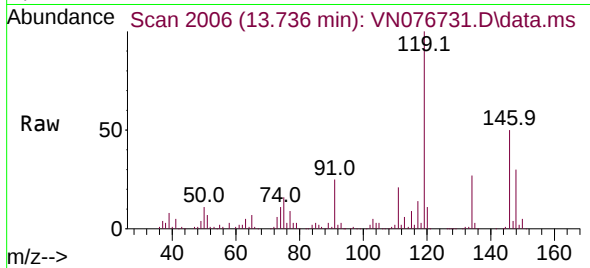




#82
p-Isopropyltoluene
Concen: 20.043 ug/l
RT: 13.736 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

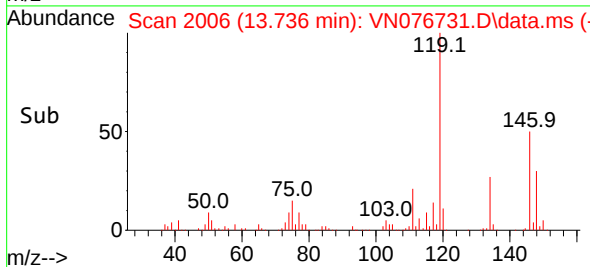
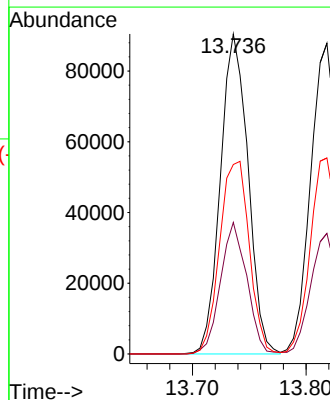
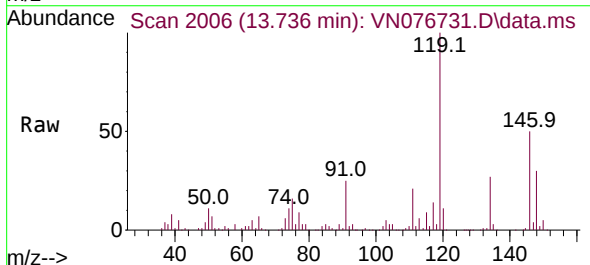
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

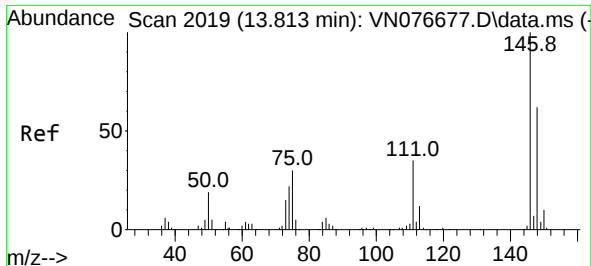
Tgt Ion:119 Resp: 288120
Ion Ratio Lower Upper
119 100
134 26.3 0.0 53.4
91 24.2 0.0 47.2



#83
1,3-Dichlorobenzene
Concen: 20.640 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:146 Resp: 153009
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.8
148 64.5 31.9 95.5

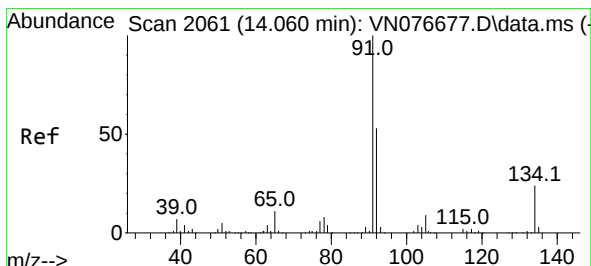
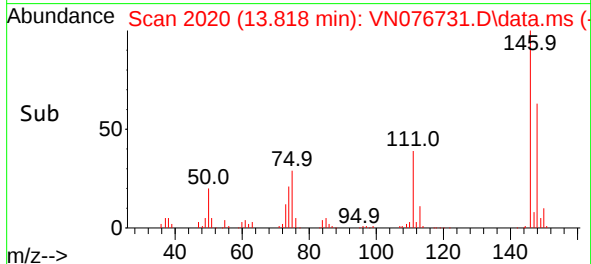
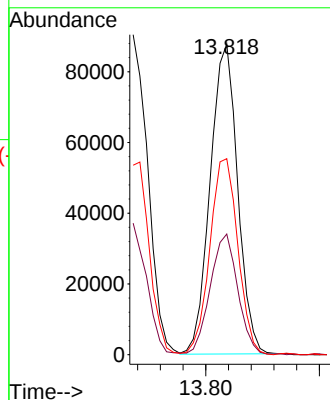
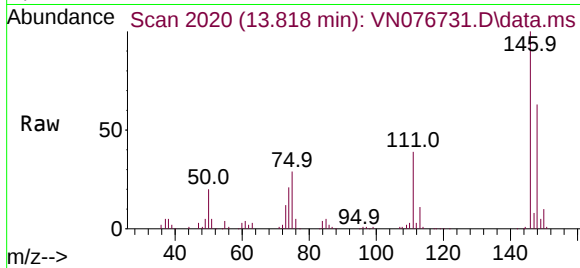




#84
1,4-Dichlorobenzene
Concen: 20.305 ug/l
RT: 13.818 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

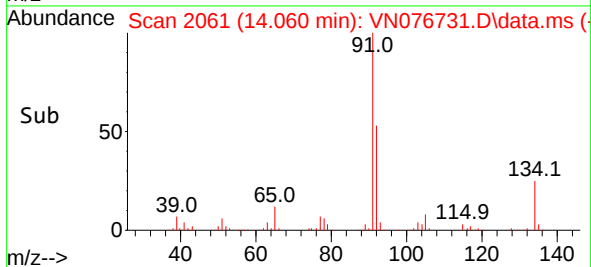
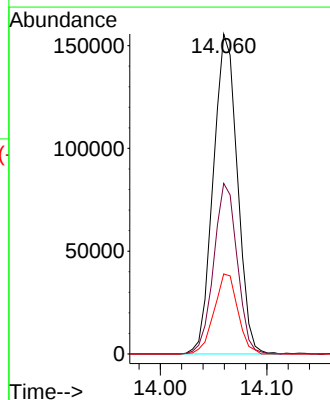
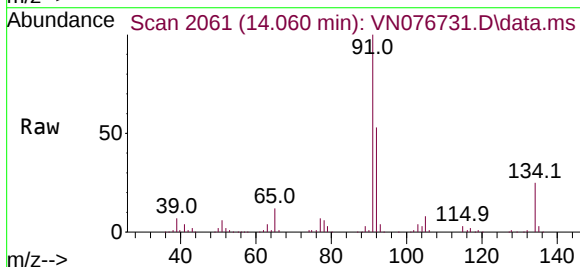
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

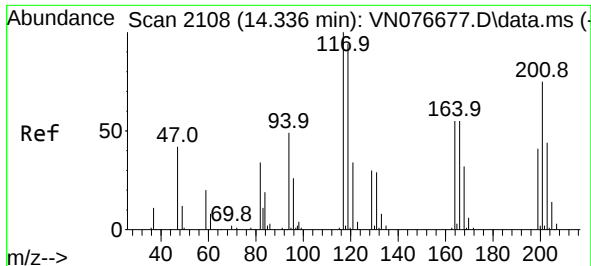
Tgt Ion:146 Resp: 146822
Ion Ratio Lower Upper
146 100
111 39.2 18.2 54.6
148 64.6 31.1 93.2



#85
n-Butylbenzene
Concen: 20.049 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion: 91 Resp: 244271
Ion Ratio Lower Upper
91 100
92 52.0 0.0 103.2
134 24.6 0.0 50.0

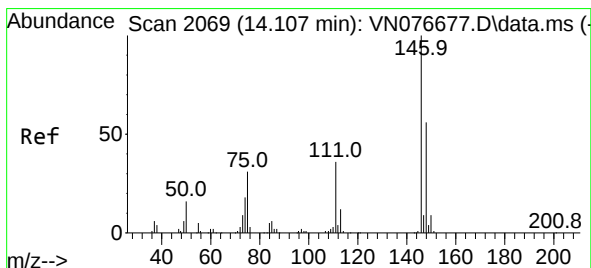
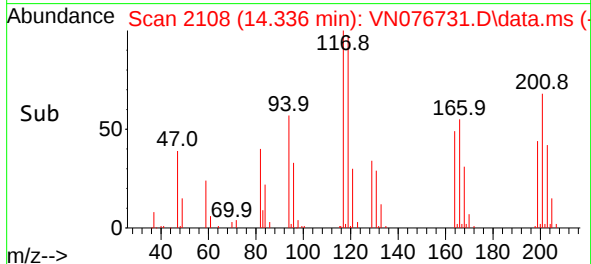
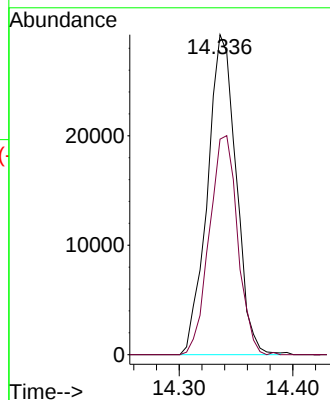
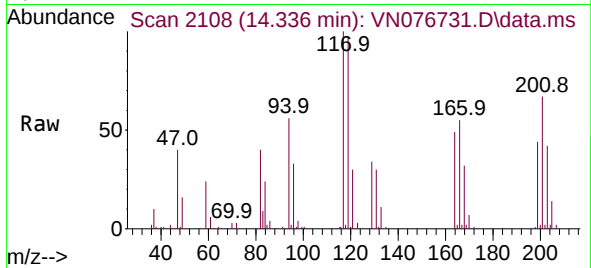




#86
Hexachloroethane
Concen: 18.497 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

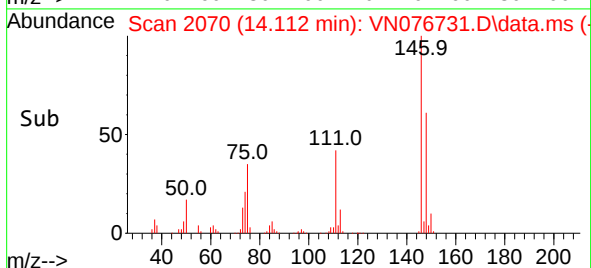
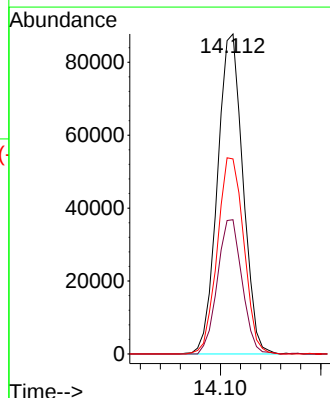
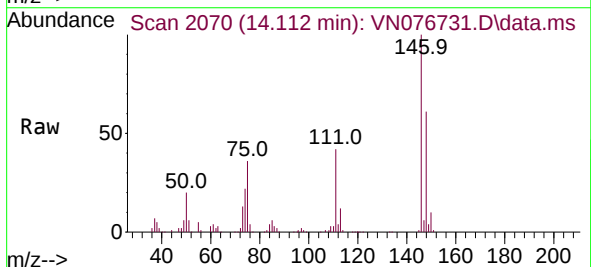
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

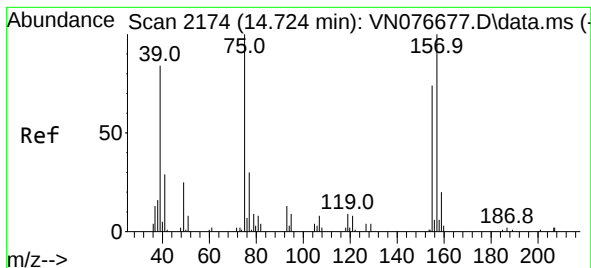
Tgt Ion:117 Resp: 51473
Ion Ratio Lower Upper
117 100
201 67.2 32.2 96.6



#87
1,2-Dichlorobenzene
Concen: 20.726 ug/l
RT: 14.112 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

Tgt Ion:146 Resp: 154494
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.6
148 63.6 32.5 97.5

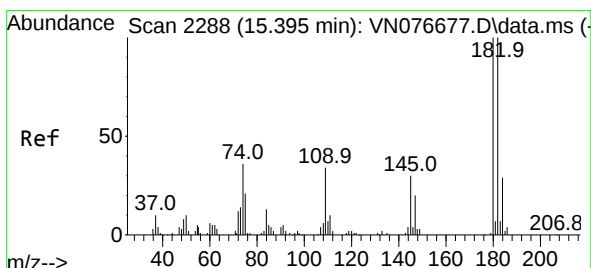
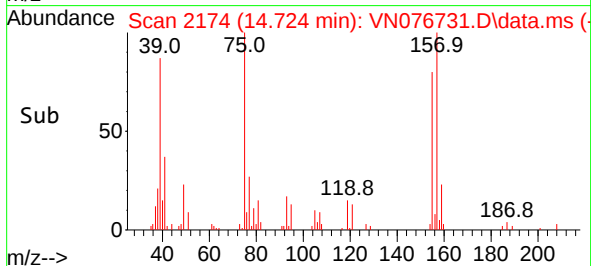
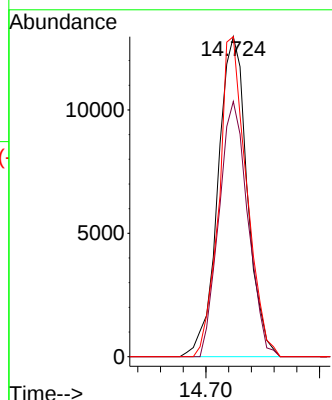
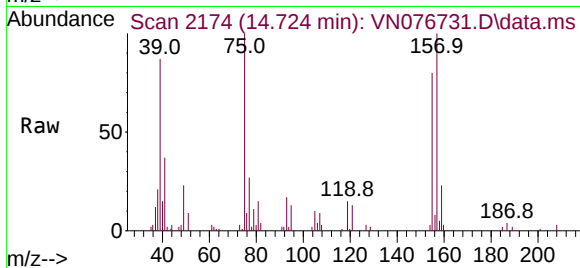




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.949 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. -0.000 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

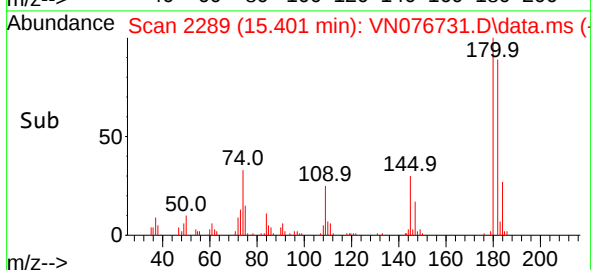
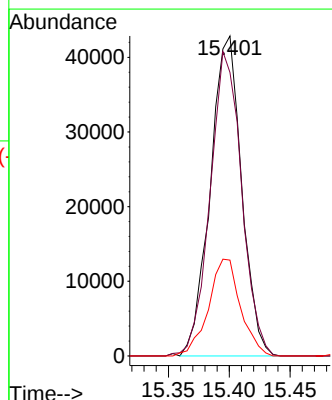
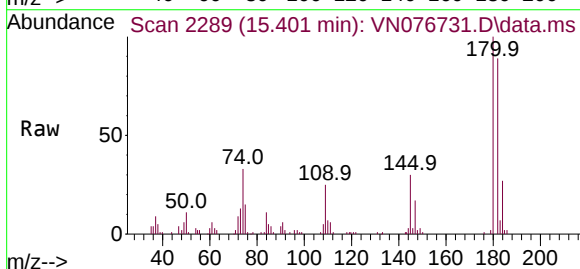
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

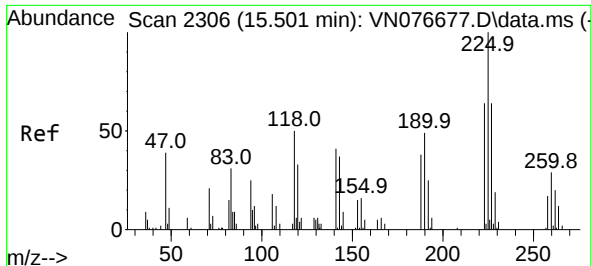
Tgt Ion: 75 Resp: 23271
 Ion Ratio Lower Upper
 75 100
 155 78.3 62.5 93.7
 157 94.2 77.5 116.3



#89
 1,2,4-Trichlorobenzene
 Concen: 20.199 ug/l
 RT: 15.401 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Tgt Ion:180 Resp: 76810
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 115.0
 145 30.9 24.6 36.8

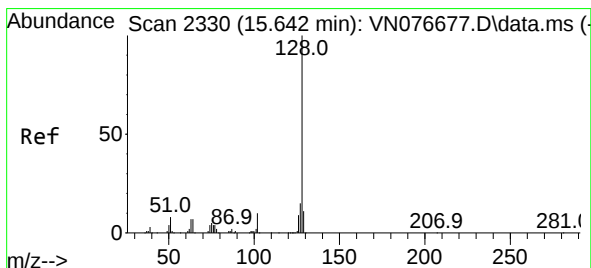
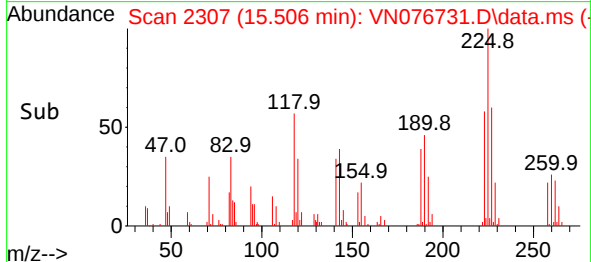
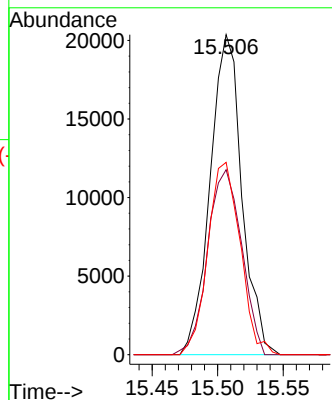
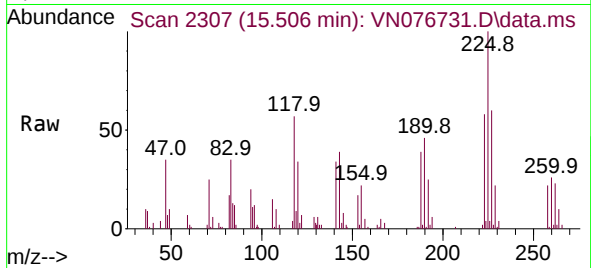




#90
Hexachlorobutadiene
Concen: 18.731 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

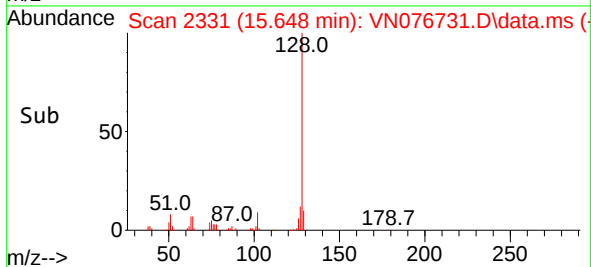
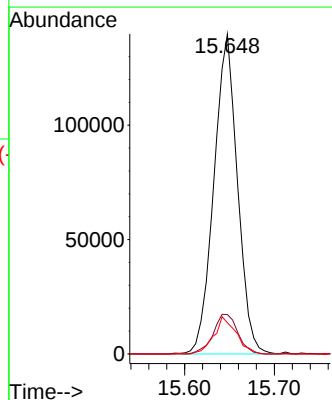
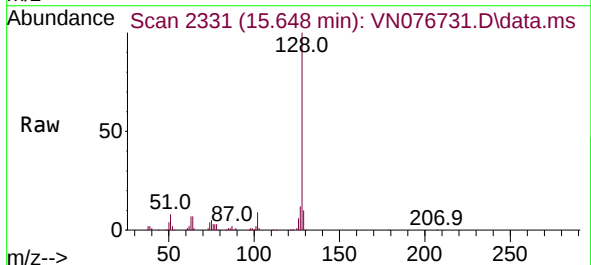
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

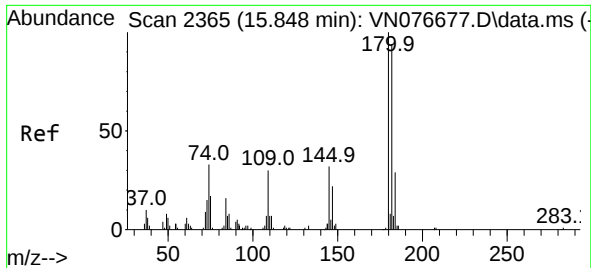
Tgt Ion:225 Resp: 34315
Ion Ratio Lower Upper
225 100
223 62.0 0.0 135.4
227 61.3 0.0 129.4



#91
Naphthalene
Concen: 20.885 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076731.D
Acq: 17 Feb 2023 13:41

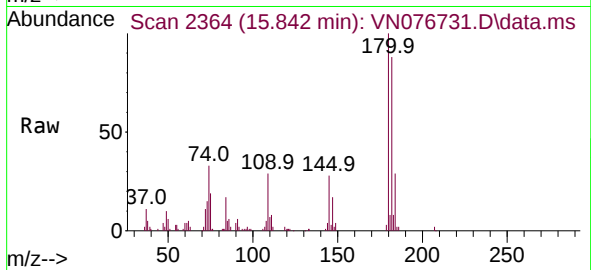
Tgt Ion:128 Resp: 255355
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 11.0 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 19.943 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN076731.D
 Acq: 17 Feb 2023 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01



Tgt Ion:180 Resp: 76975
 Ion Ratio Lower Upper
 180 100
 182 94.7 0.0 190.8
 145 32.5 0.0 65.0

