

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072497.D
 Acq On : 16 May 2022 13:04
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: May 16 13:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 13:19:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	25719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	132674	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	132379	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	86029	36.850	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 122.833%#	
60) 4-Bromofluorobenzene	12.727	95	77417	35.383	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 117.933%#	
63) Toluene-d8	10.439	98	208718	32.114	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 107.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	108535	69.001	ug/l	97
3) Chloromethane	2.299	50	95366	56.129	ug/l	99
4) Vinyl Chloride	2.440	62	80571	45.312	ug/l	98
5) Bromomethane	2.816	94	66901	63.177	ug/l	99
6) Chloroethane	2.993	64	52993	46.899	ug/l	96
7) Trichlorofluoromethane	3.357	101	197736	73.825	ug/l	97
8) Diethyl Ether	3.828	74	59107	60.516	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	93297	64.329	ug/l #	67
10) 1,1-Dichloroethene	4.175	96	84363	61.535	ug/l	87
11) Methyl Iodide	4.416	142	130028	64.597	ug/l	97
12) Methyl Acetate	4.857	43	135283	65.246	ug/l	93
13) Acrolein	4.040	56	104350	407.218	ug/l	97
14) Acrylonitrile	5.545	53	289301	323.672	ug/l	100
15) Acetone	4.281	58	74209	298.999	ug/l	79
16) Carbon Disulfide	4.522	76	218594	60.760	ug/l #	94
17) Allyl chloride	4.840	41	152084	65.814	ug/l	97
18) Methylene Chloride	5.098	84	98638	59.475	ug/l	98
19) trans-1,2-Dichloroethene	5.593	96	91357	61.376	ug/l	94
20) Diisopropyl ether	6.492	45	316878	65.727	ug/l	94
21) 1,1-Dichloroethane	6.387	63	185034	63.373	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	108762	61.074	ug/l	93
23) tert-Butyl Alcohol	5.369	59	122784	355.175	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	348097	66.907	ug/l	99
25) Chloroform	7.816	83	204705	67.869	ug/l	99
26) Cyclohexane	8.092	56	156266	63.563	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	143391	70.713	ug/l	97
30) 2-Butanone	7.328	43	405724	350.157	ug/l	96
31) 2,2-Dichloropropane	7.322	77	179977	75.861	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	199569	77.899	ug/l	98
33) Carbon Tetrachloride	8.204	117	180071	80.104	ug/l	98
34) Benzene	8.457	78	397805	64.477	ug/l	99
35) Methacrylonitrile	7.628	41	86393	76.444	ug/l	94
36) 1,2-Dichloroethane	8.528	62	185540	76.666	ug/l #	89
37) Trichloroethene	9.216	130	107840	66.447	ug/l	99
38) Methylcyclohexane	9.457	83	169760	68.326	ug/l	94
39) 1,2-Dichloropropane	9.486	63	100272	64.374	ug/l	99
40) Dibromomethane	9.575	93	76008	68.935	ug/l	89
41) Bromodichloromethane	9.757	83	164631	73.796	ug/l	93
42) Vinyl Acetate	6.428	43	1418852	359.129	ug/l	100

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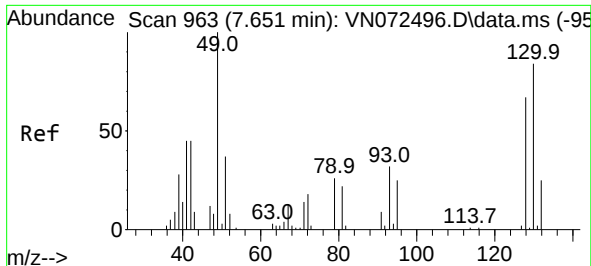
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	151218	68.455	ug/l	97
44) Isopropyl Acetate	8.557	43	254247	70.008	ug/l	99
45) 1,4-Dioxane	9.563	88	48723	1366.383	ug/l	92
46) Methyl methacrylate	9.557	41	128919	81.038	ug/l	87
47) n-amyl Acetate	12.386	43	178749	75.556	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	177173	74.220	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	176562	69.205	ug/l	96
50) 1,1,2-Trichloroethane	10.898	97	106807	67.494	ug/l	96
51) Ethyl methacrylate	10.757	69	172226	70.254	ug/l	95
52) 1,3-Dichloropropane	11.039	76	185012	67.970	ug/l	100
53) Dibromochloromethane	11.233	129	129620	73.850	ug/l	98
54) 1,2-Dibromoethane	11.345	107	115411	70.342	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	223686	360.820	ug/l	100
56) Bromoform	12.457	173	98895	75.337	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	810791	337.924	ug/l	98
59) 2-Hexanone	11.080	43	602477	342.761	ug/l	99
61) Tetrachloroethene	10.975	164	101436	65.678	ug/l	91
62) Toluene	10.504	91	458292	62.329	ug/l	96
64) Chlorobenzene	11.769	112	286368	63.056	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	118739	67.327	ug/l	97
66) Ethyl Benzene	11.839	91	532403	65.719	ug/l	97
67) m/p-Xylenes	11.951	106	407924	131.090	ug/l	96
68) o-Xylene	12.274	106	197569	63.680	ug/l	93
69) Styrene	12.292	104	321371	65.805	ug/l	95
70) Isopropylbenzene	12.574	105	538187	68.209	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	156568	61.924	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	213974	95.485	ug/l	54
73) Bromobenzene	12.857	156	125813	65.485	ug/l	100
74) n-propylbenzene	12.916	91	593745	69.497	ug/l	99
75) 2-Chlorotoluene	13.004	91	374809	68.254	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	461131	71.483	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	49943	66.846	ug/l	92
78) 4-Chlorotoluene	13.098	91	355840	70.035	ug/l	96
79) tert-butylbenzene	13.321	119	410336	71.158	ug/l	98
80) 1,2,4-Trimethylbenzene	13.363	105	446237	71.088	ug/l #	81
81) sec-Butylbenzene	13.498	105	545508	70.992	ug/l	98
82) p-Isopropyltoluene	13.610	119	454858	72.330	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	219492	69.366	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	210252	69.169	ug/l	97
85) n-Butylbenzene	13.939	91	330078	71.986	ug/l	98
86) Hexachloroethane	14.204	117	78705	68.395	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	215778	70.211	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	37993	76.704	ug/l	98
89) 1,2,4-Trichlorobenzene	15.262	180	99389	72.347	ug/l	97
90) Hexachlorobutadiene	15.368	225	60358	70.612	ug/l	98
91) Naphthalene	15.504	128	304369	78.811	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	100803	73.378	ug/l	98

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

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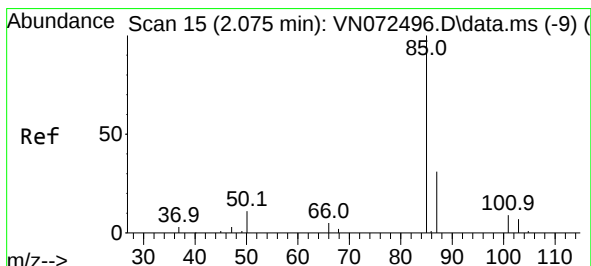
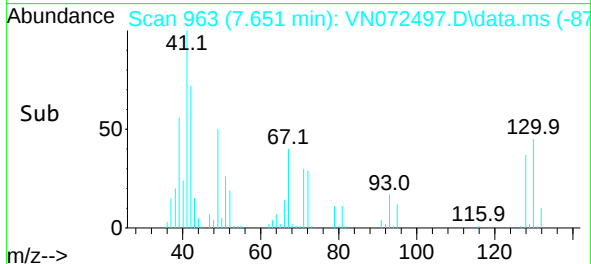
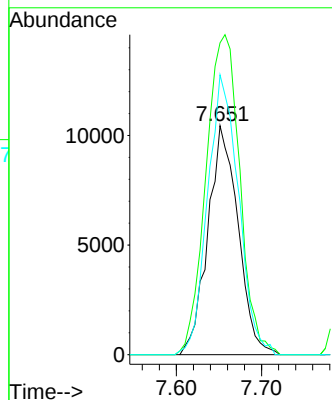
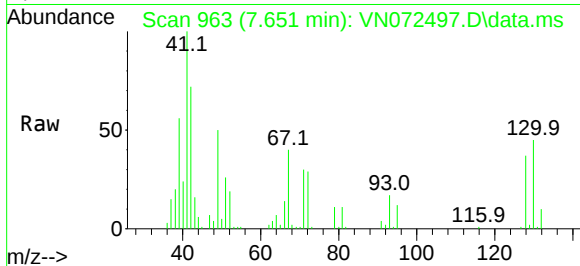




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

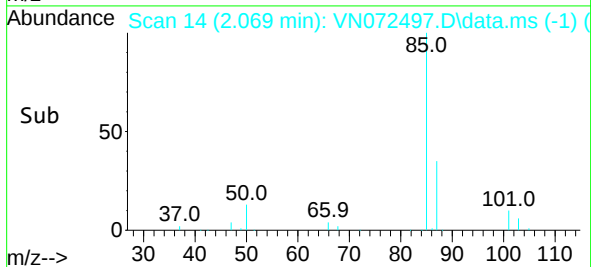
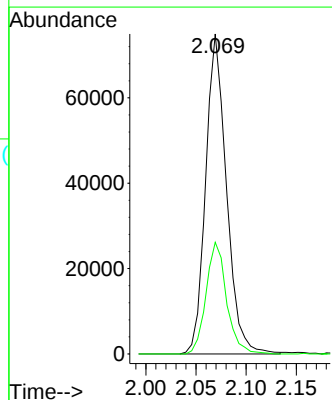
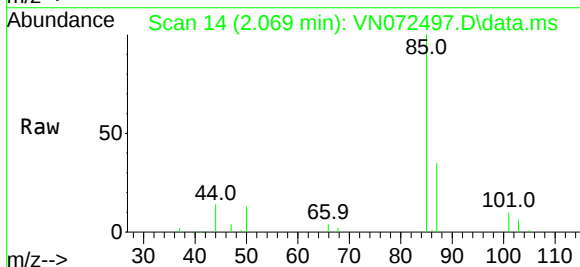
Instrument :
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VSTDIC050

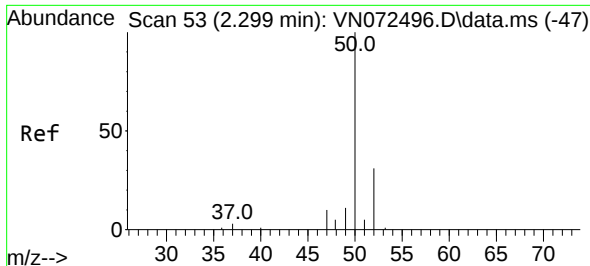
Tgt Ion:128 Resp: 25719
Ion Ratio Lower Upper
128 100
49 156.4 0.0 392.3
130 125.0 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 69.001 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 85 Resp: 108535
Ion Ratio Lower Upper
85 100
87 34.9 16.6 49.7

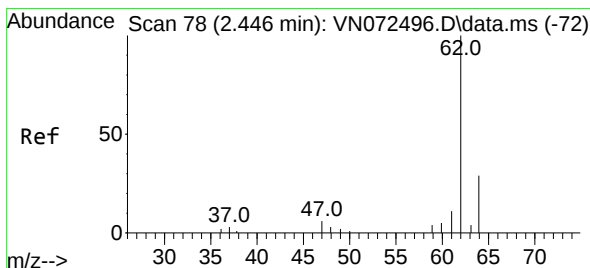
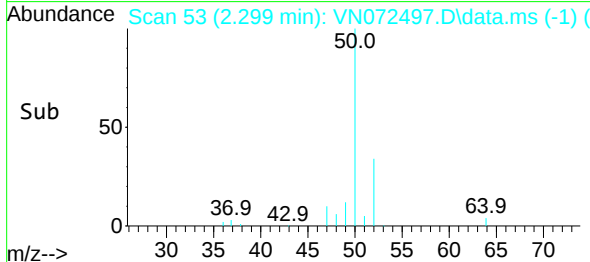
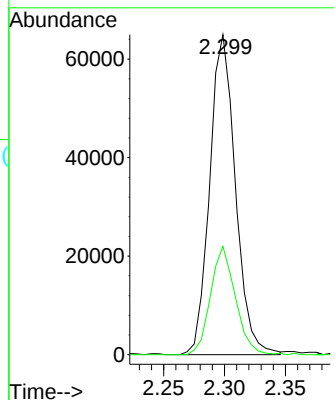
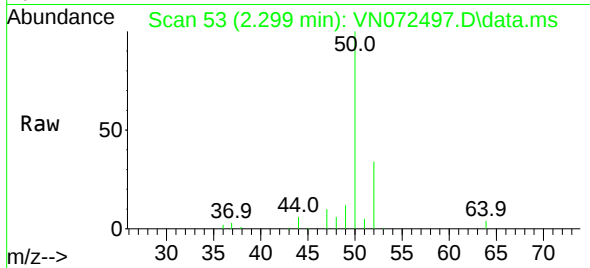




#3
Chloromethane
Concen: 56.129 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

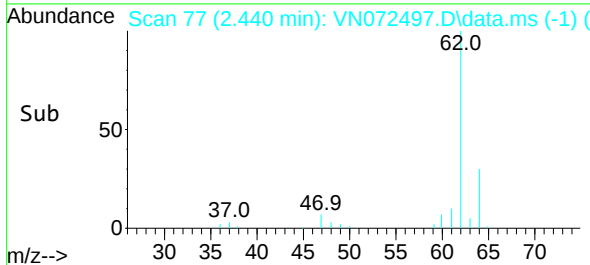
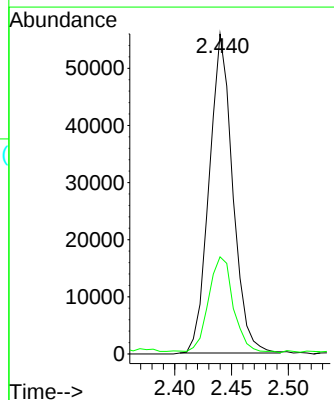
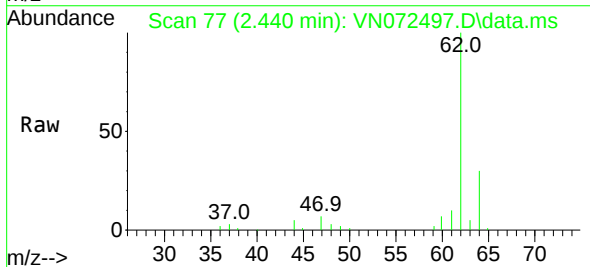
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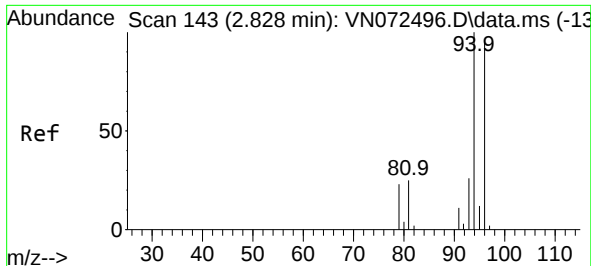
Tgt Ion: 50 Resp: 95366
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.6



#4
Vinyl Chloride
Concen: 45.312 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 62 Resp: 80571
Ion Ratio Lower Upper
62 100
64 30.0 25.1 37.7

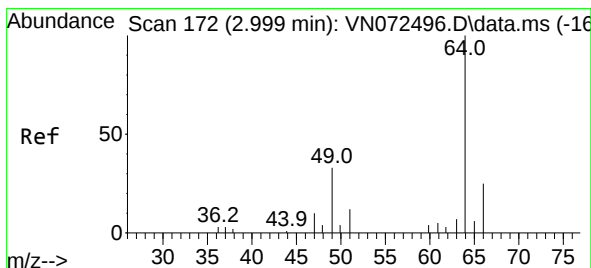
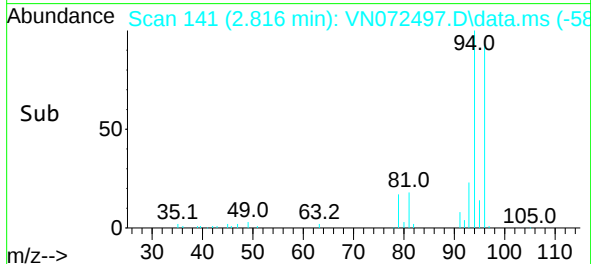
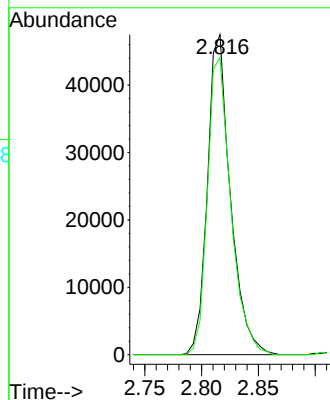
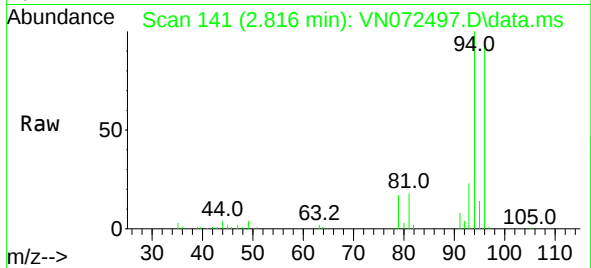




#5
Bromomethane
Concen: 63.177 ug/l
RT: 2.816 min Scan# 141
Delta R.T. -0.012 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

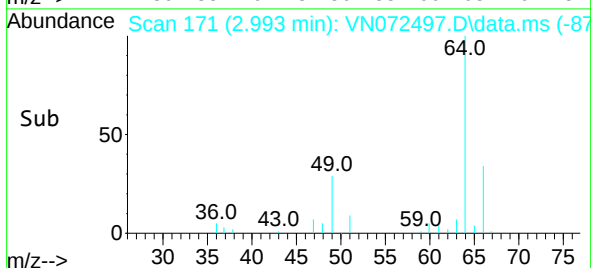
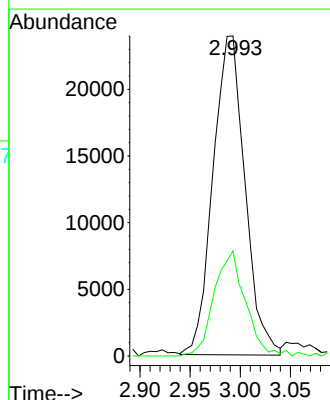
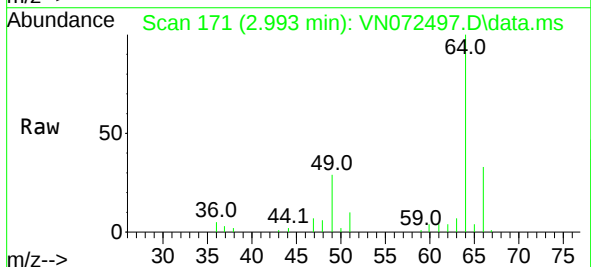
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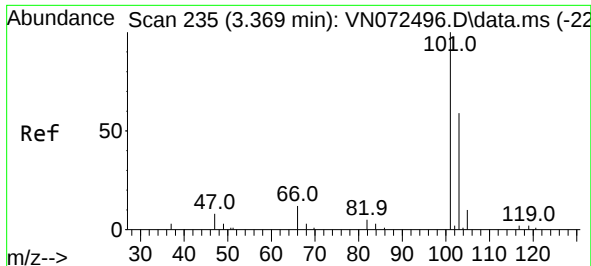
Tgt Ion: 94 Resp: 66901
Ion Ratio Lower Upper
94 100
96 92.9 75.2 112.8



#6
Chloroethane
Concen: 46.899 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 64 Resp: 52993
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8

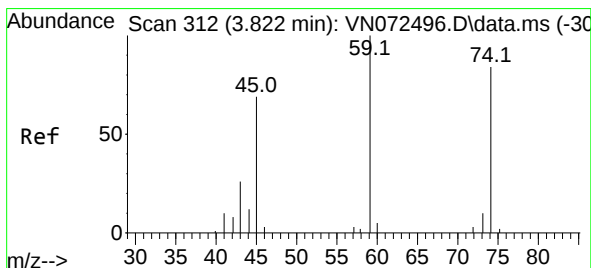
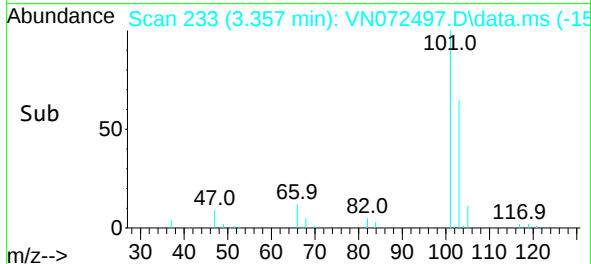
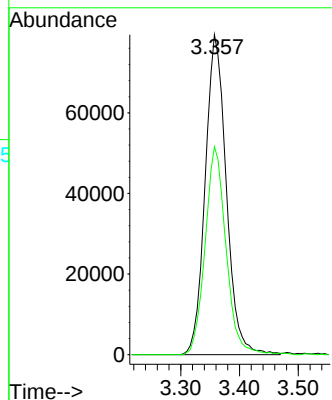
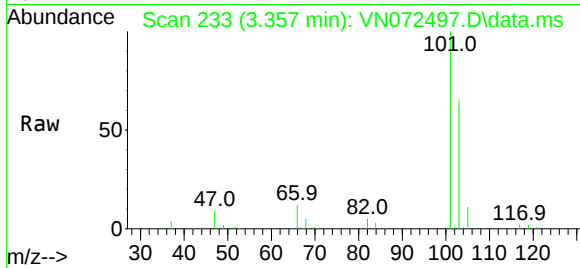




#7
 Trichlorofluoromethane
 Concen: 73.825 ug/l
 RT: 3.357 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

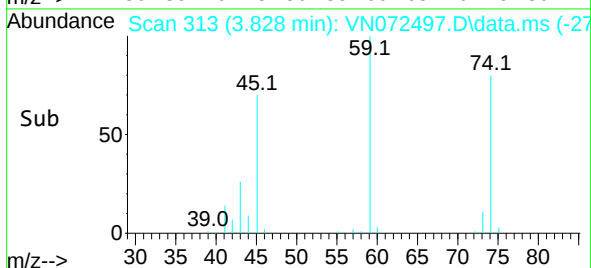
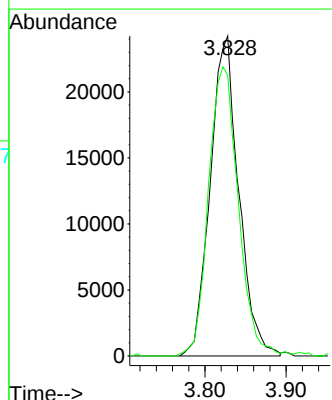
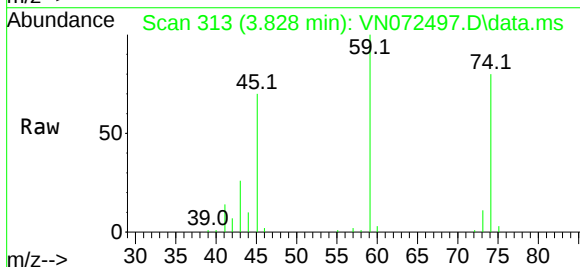
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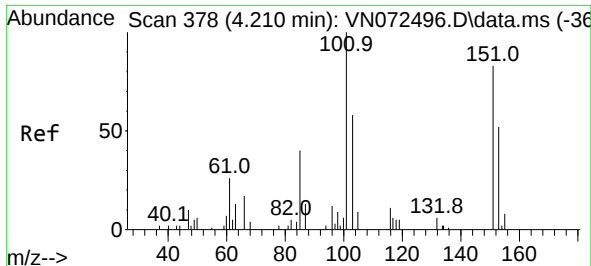
Tgt Ion:101 Resp: 197736
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 60.516 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.006 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

Tgt Ion: 74 Resp: 59107
 Ion Ratio Lower Upper
 74 100
 45 94.0 17.6 158.8

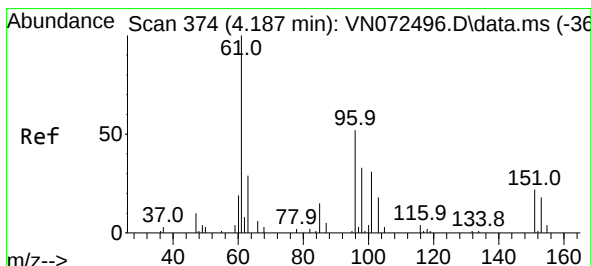
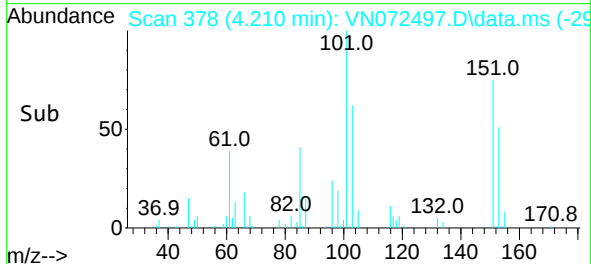
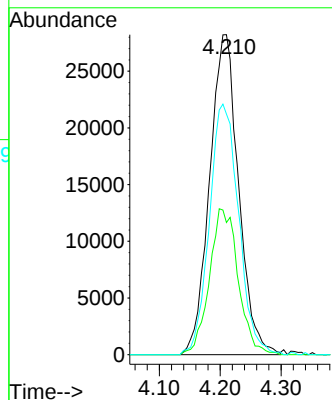
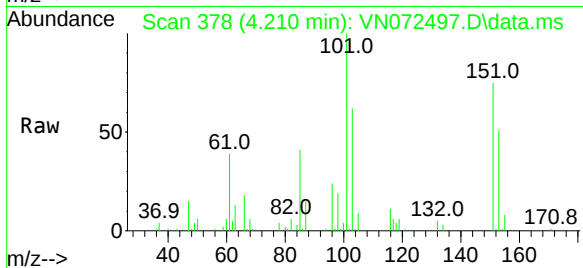




#9
1,1,2-Trichlorotrifluoroethane
Concen: 64.329 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

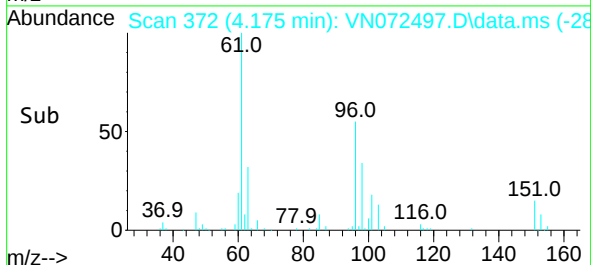
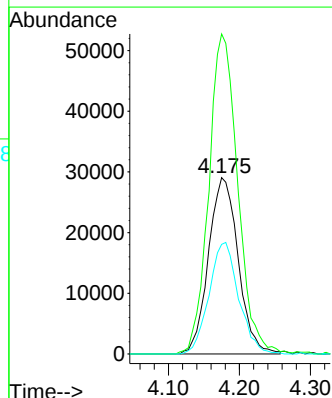
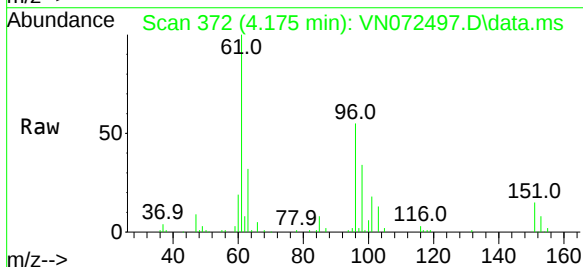
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ClientSampleId :
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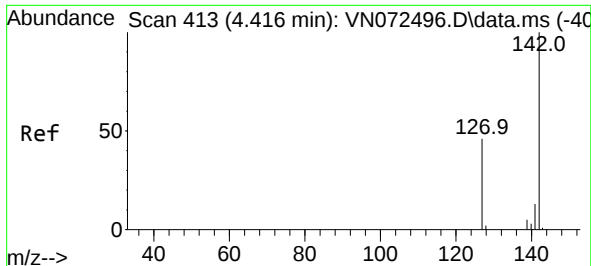
Tgt Ion:101 Resp: 93297
Ion Ratio Lower Upper
101 100
85 45.3 0.0 94.0
151 79.3 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 61.535 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

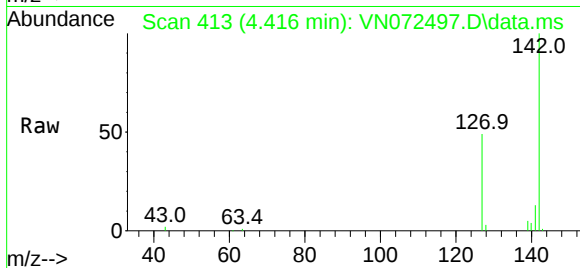
Tgt Ion: 96 Resp: 84363
Ion Ratio Lower Upper
96 100
61 180.3 126.2 189.4
98 62.2 50.9 76.3



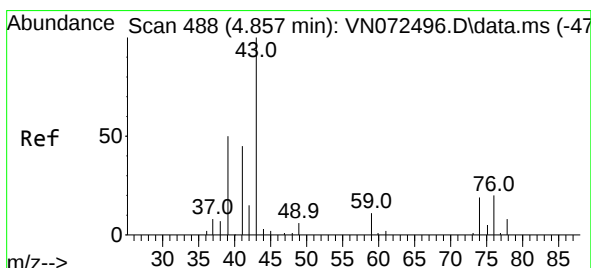
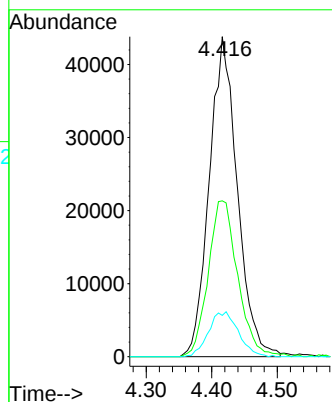
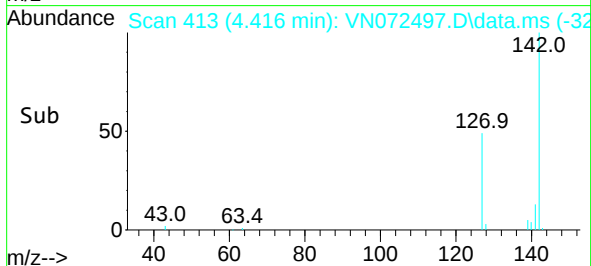


#11
Methyl Iodide
Concen: 64.597 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

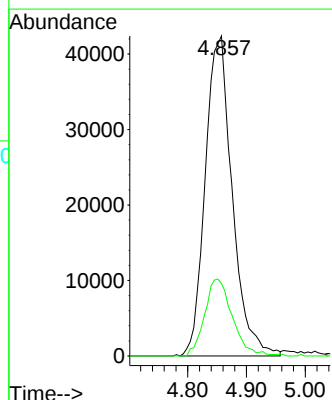
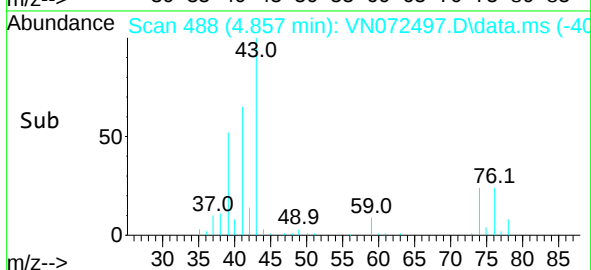
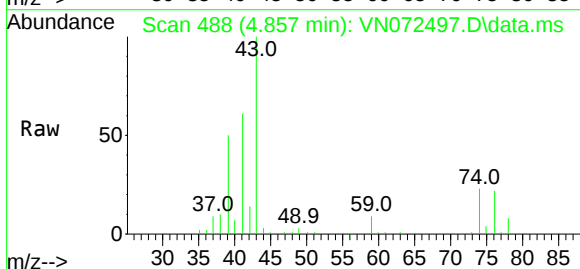


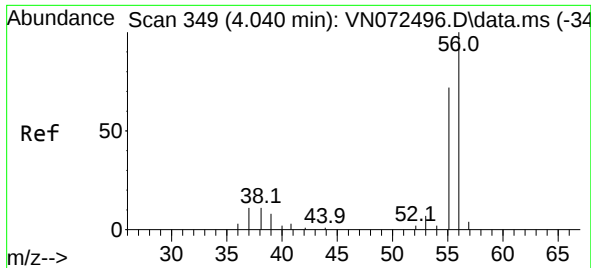
Tgt Ion:142 Resp: 130028
Ion Ratio Lower Upper
142 100
127 48.6 24.0 72.0
141 13.0 8.4 25.2



#12
Methyl Acetate
Concen: 65.246 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 43 Resp: 135283
Ion Ratio Lower Upper
43 100
74 22.5 20.8 31.2

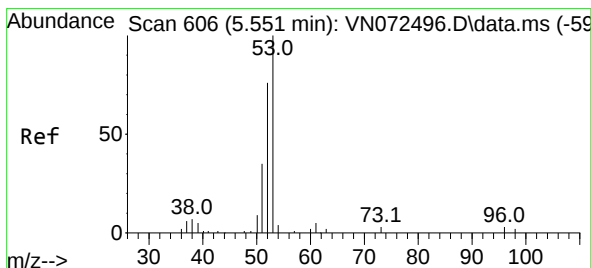
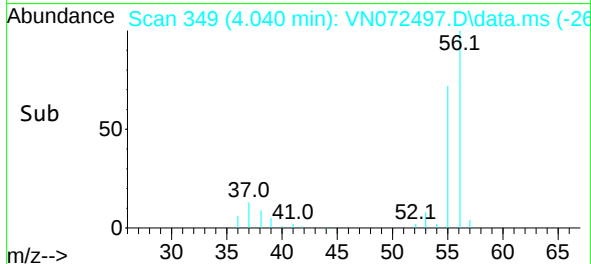
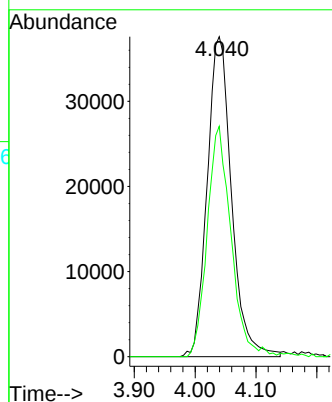
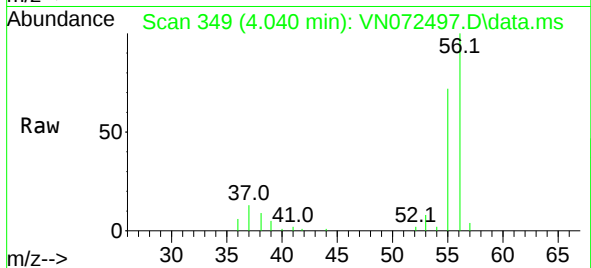




#13
Acrolein
Concen: 407.218 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

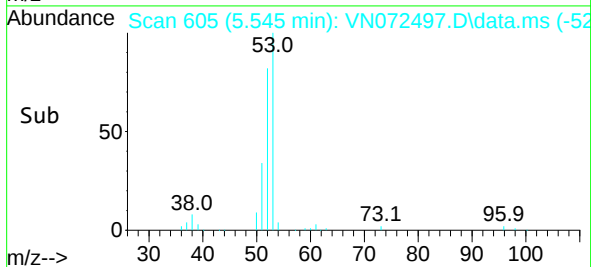
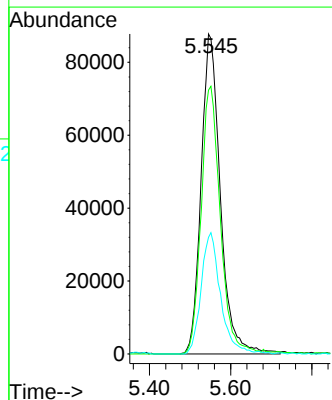
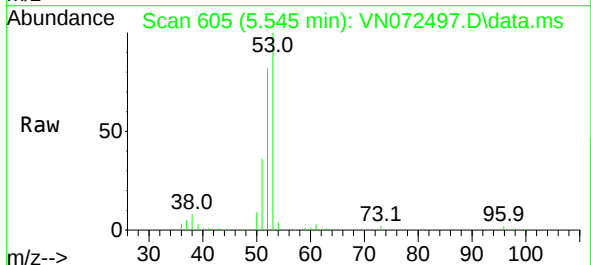
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

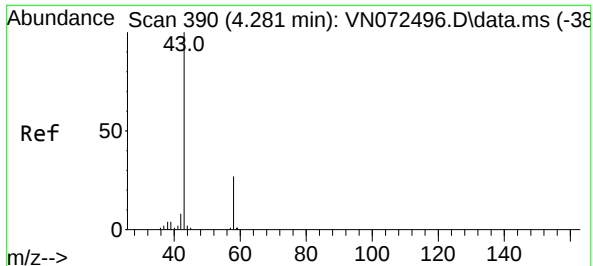
Tgt Ion: 56 Resp: 104350
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4



#14
Acrylonitrile
Concen: 323.672 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 53 Resp: 289301
Ion Ratio Lower Upper
53 100
52 83.3 41.8 125.4
51 38.0 19.0 57.0





#15

Acetone

Concen: 298.999 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

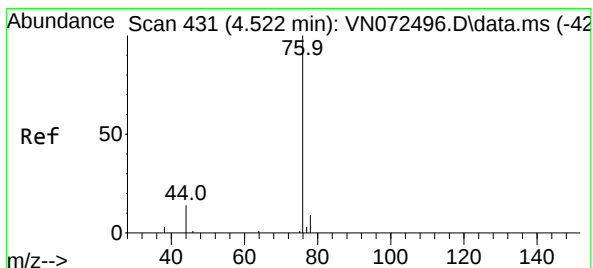
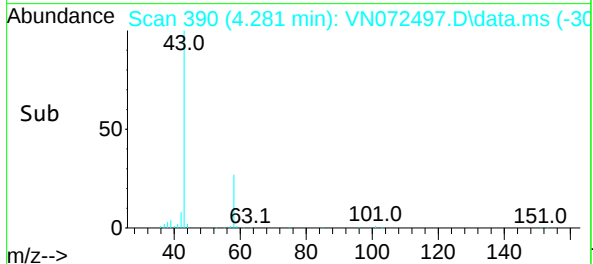
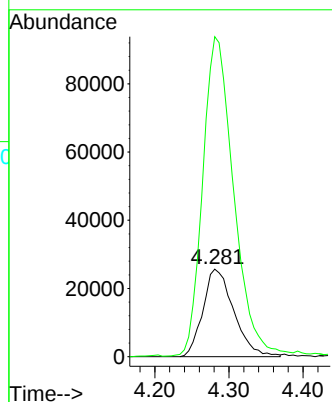
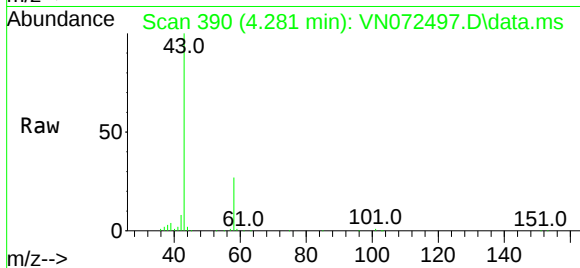
VSTDICC050

Tgt Ion: 58 Resp: 74209

Ion Ratio Lower Upper

58 100

43 362.9 256.6 384.8



#16

Carbon Disulfide

Concen: 60.760 ug/l

RT: 4.522 min Scan# 431

Delta R.T. 0.000 min

Lab File: VN072497.D

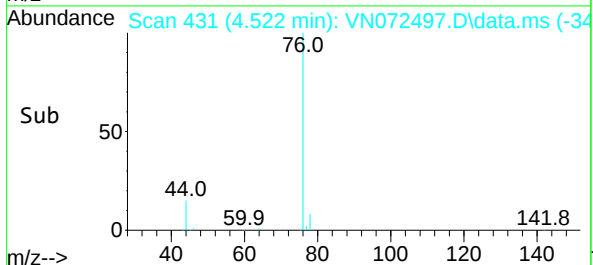
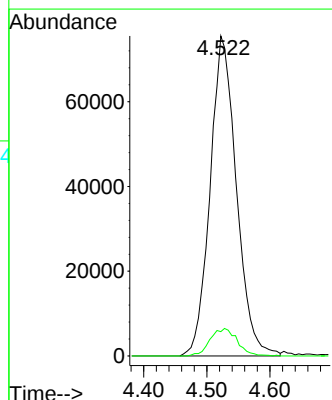
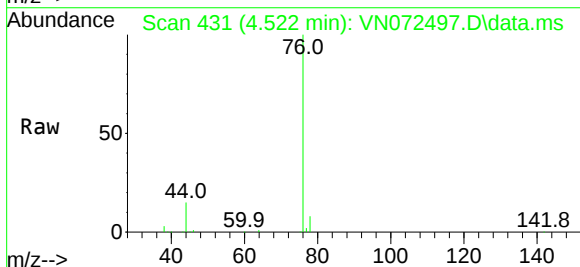
Acq: 16 May 2022 13:04

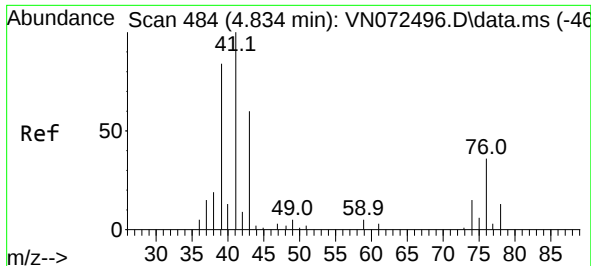
Tgt Ion: 76 Resp: 218594

Ion Ratio Lower Upper

76 100

78 7.6 7.8 11.8#





#17

Allyl chloride

Concen: 65.814 ug/l

RT: 4.840 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

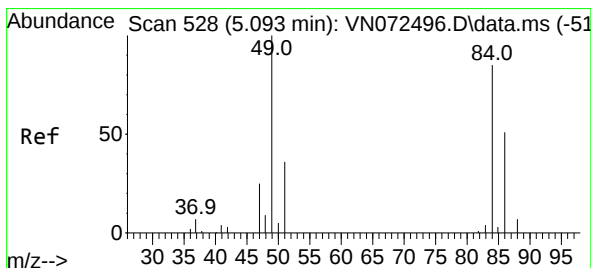
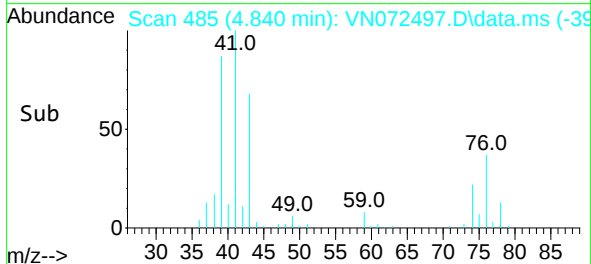
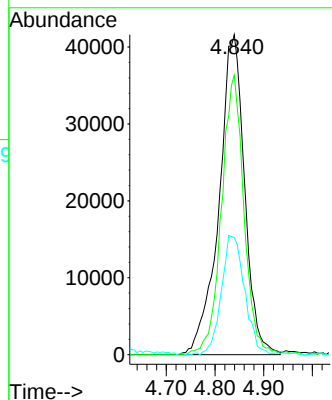
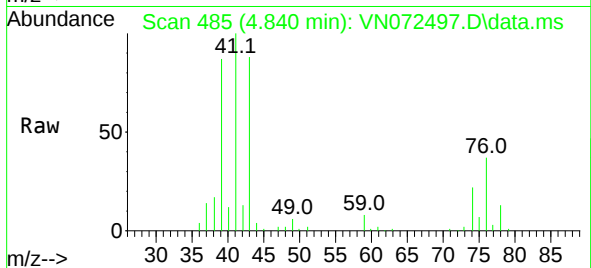
Tgt Ion: 41 Resp: 152084

Ion Ratio Lower Upper

41 100

39 87.4 44.6 134.0

76 36.1 19.6 58.7



#18

Methylene Chloride

Concen: 59.475 ug/l

RT: 5.098 min Scan# 529

Delta R.T. 0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Tgt Ion: 84 Resp: 98638

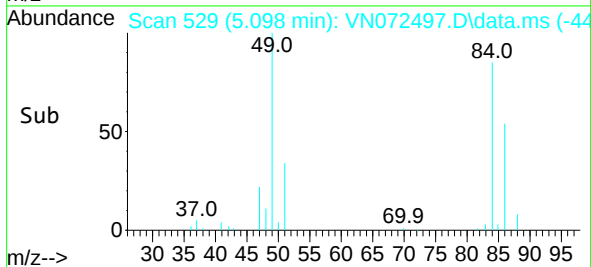
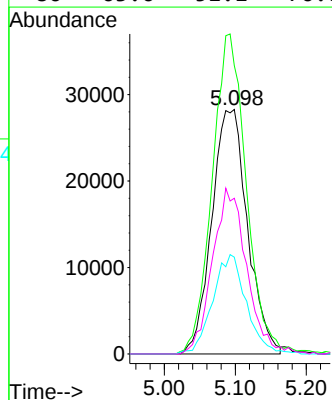
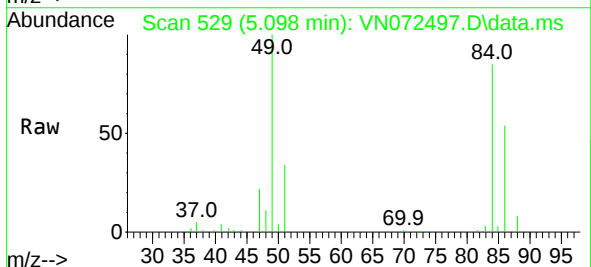
Ion Ratio Lower Upper

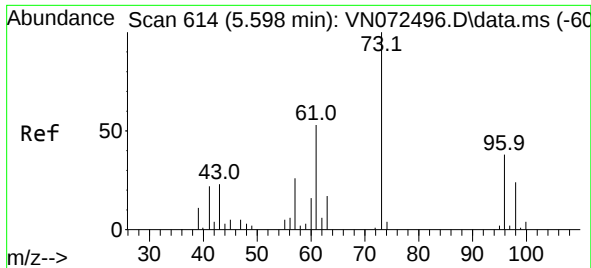
84 100

49 117.1 91.4 137.0

51 38.9 29.4 44.0

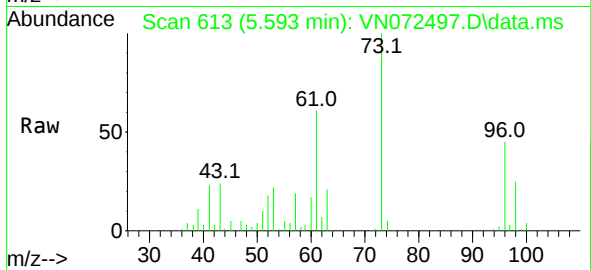
86 63.6 51.1 76.7



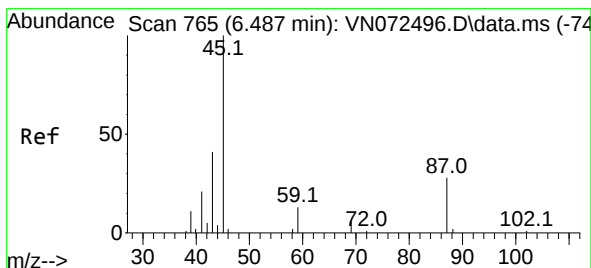
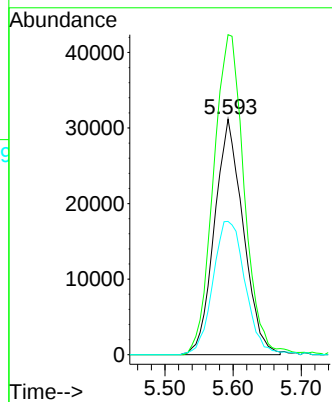
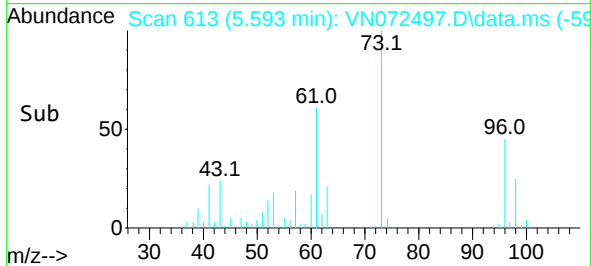


#19
trans-1,2-Dichloroethene
Concen: 61.376 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

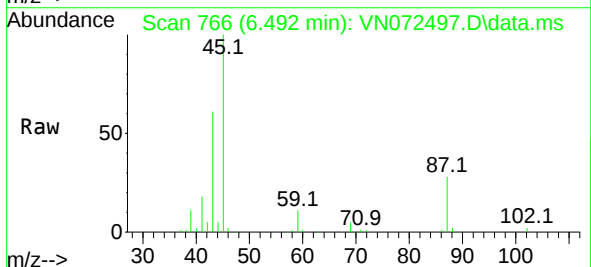
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



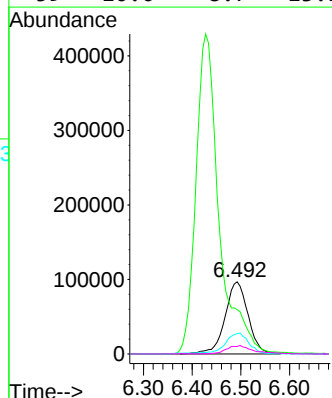
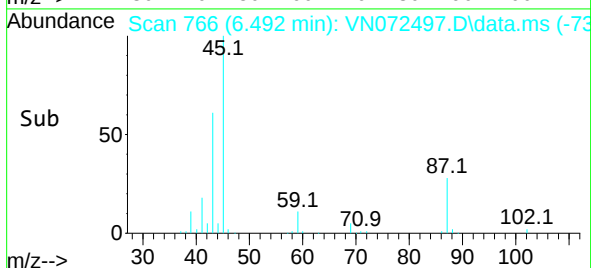
Tgt Ion: 96 Resp: 91357
Ion Ratio Lower Upper
96 100
61 135.9 102.8 154.2
98 56.6 49.3 73.9

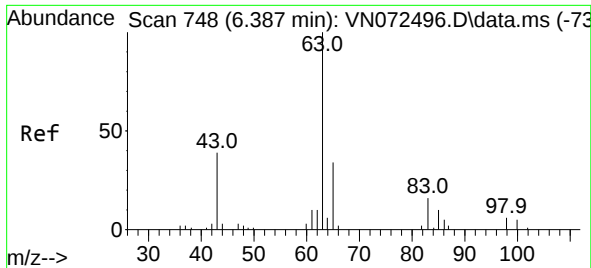


#20
Diisopropyl ether
Concen: 65.727 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04



Tgt Ion: 45 Resp: 316878
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 28.0 25.0 37.4
59 10.0 8.7 13.1





#21

1,1-Dichloroethane

Concen: 63.373 ug/l

RT: 6.387 min Scan# 748

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

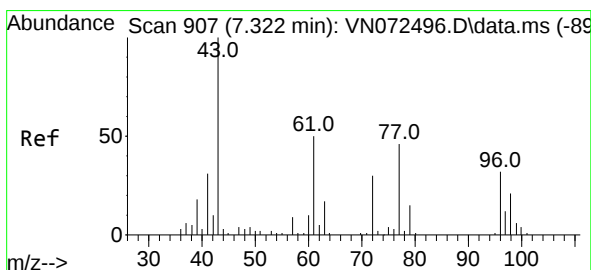
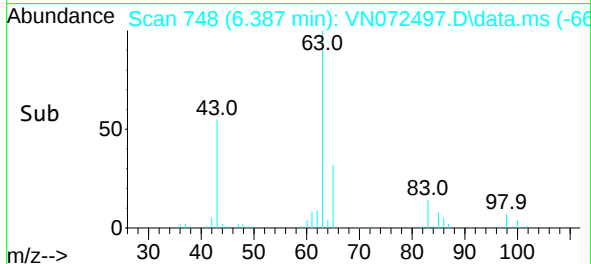
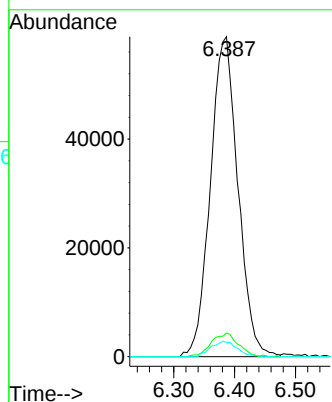
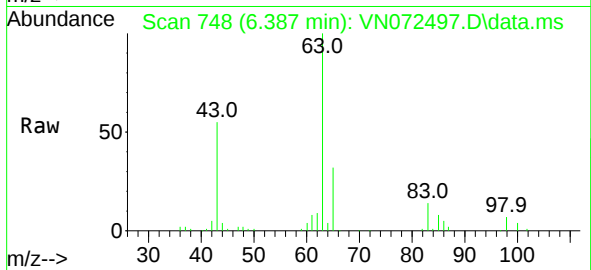
Tgt Ion: 63 Resp: 185034

Ion Ratio Lower Upper

63 100

98 7.4 3.2 9.6

100 4.4 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 61.074 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

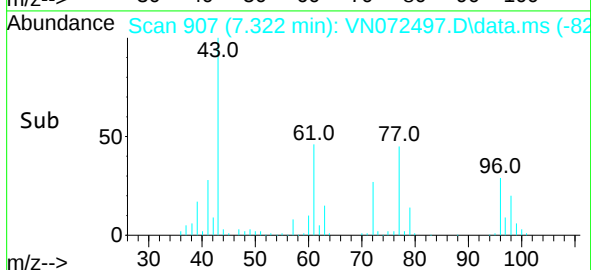
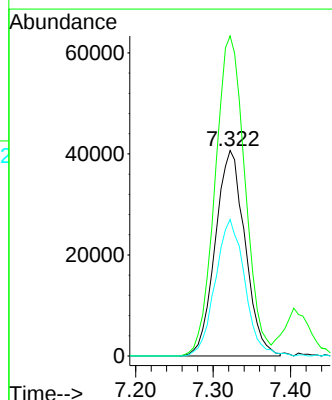
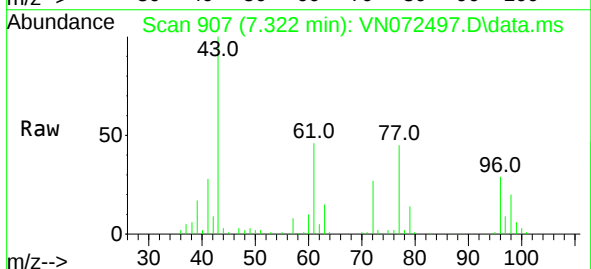
Tgt Ion: 96 Resp: 108762

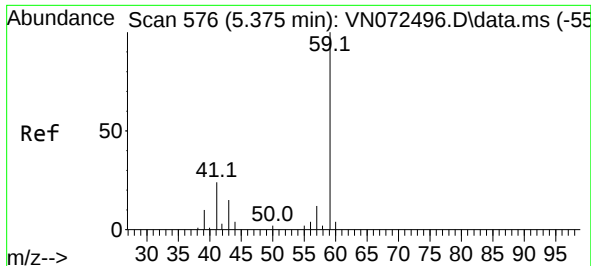
Ion Ratio Lower Upper

96 100

61 156.3 115.7 173.5

98 65.3 51.6 77.4

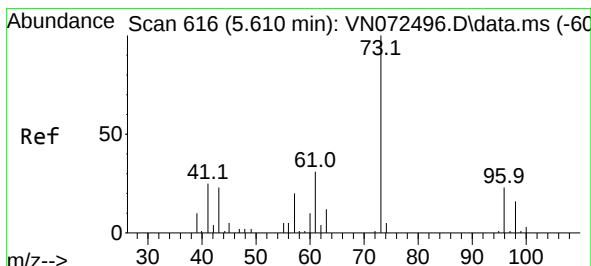
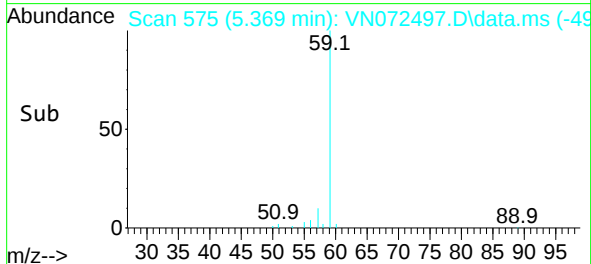
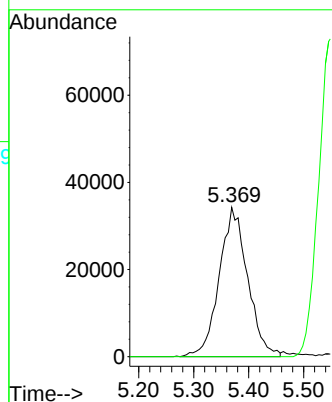
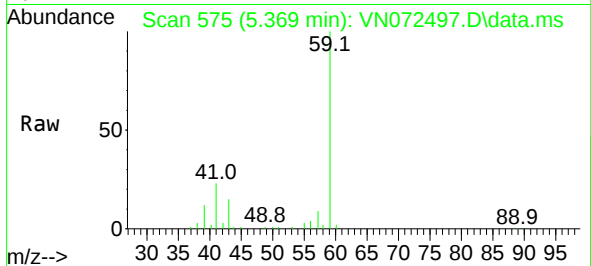




#23
tert-Butyl Alcohol
Concen: 355.175 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

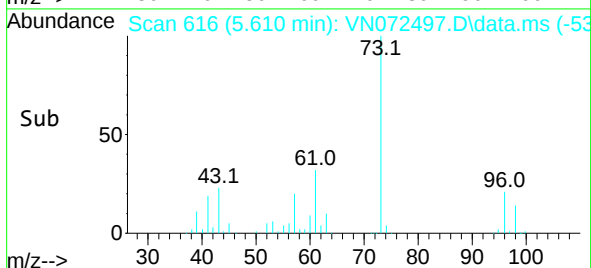
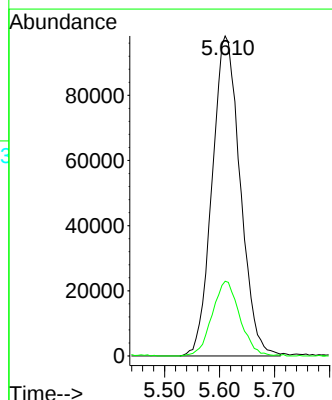
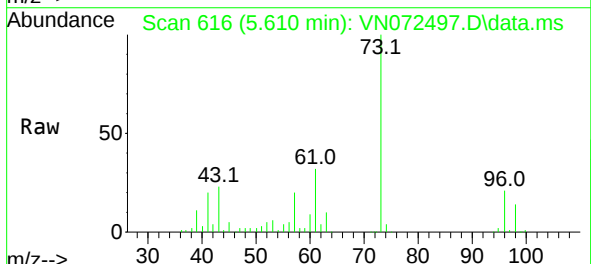
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

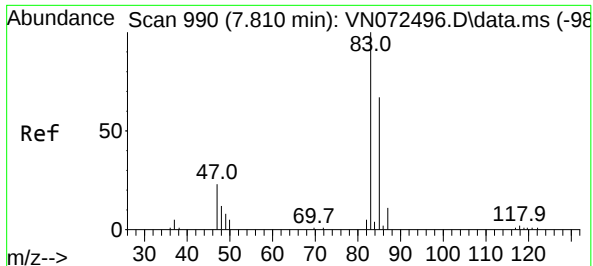
Tgt Ion: 59 Resp: 122784
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 66.907 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 73 Resp: 348097
Ion Ratio Lower Upper
73 100
43 23.0 18.1 27.1





#25

Chloroform

Concen: 67.869 ug/l

RT: 7.816 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

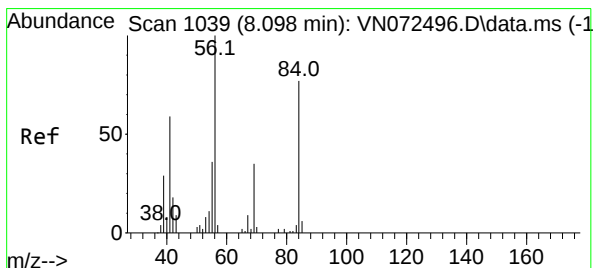
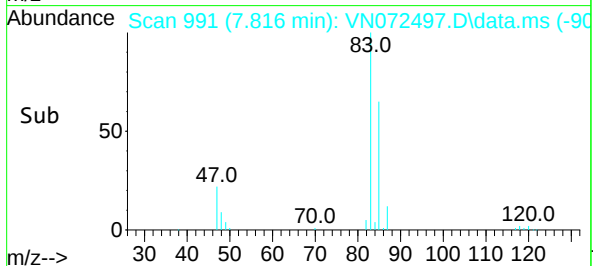
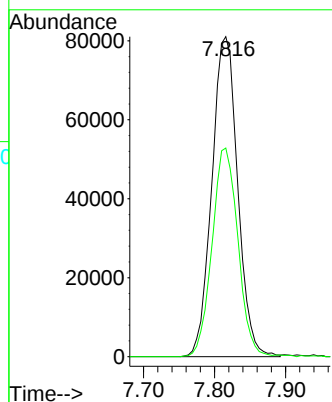
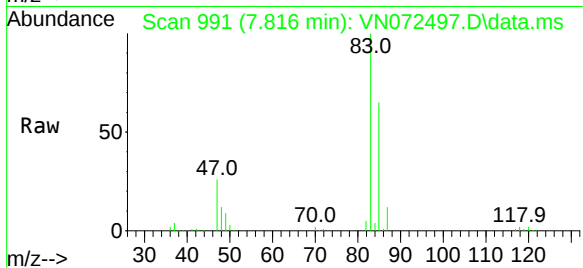
VSTDIC050

Tgt Ion: 83 Resp: 204705

Ion Ratio Lower Upper

83 100

85 65.2 51.3 76.9



#26

Cyclohexane

Concen: 63.563 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

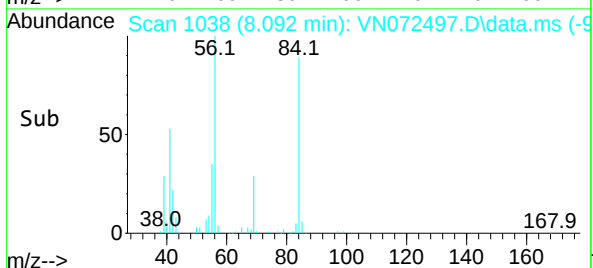
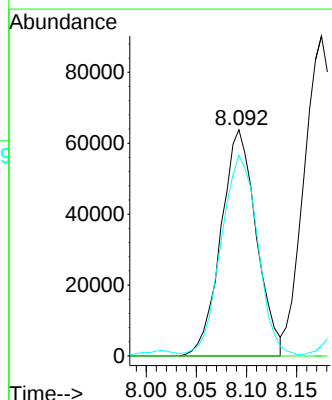
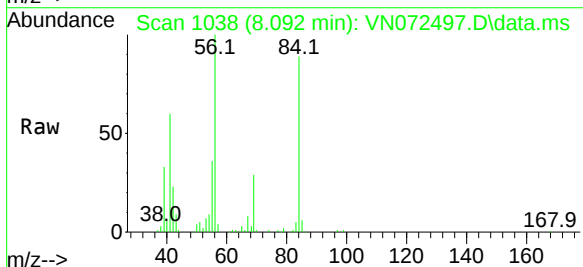
Tgt Ion: 56 Resp: 156266

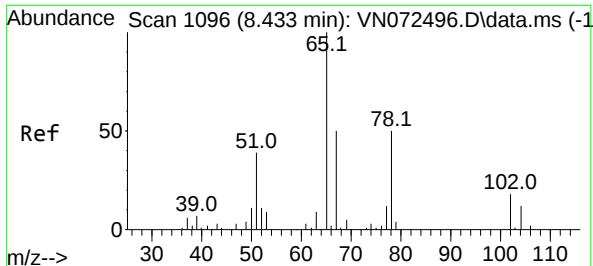
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 92.2 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 36.850 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

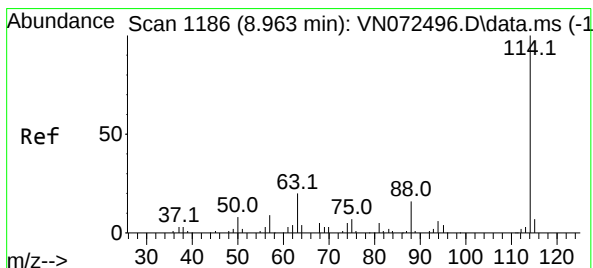
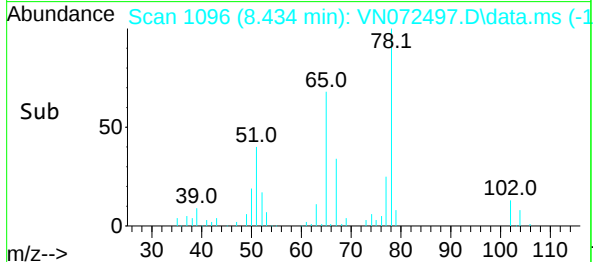
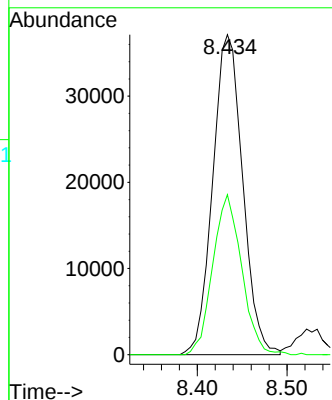
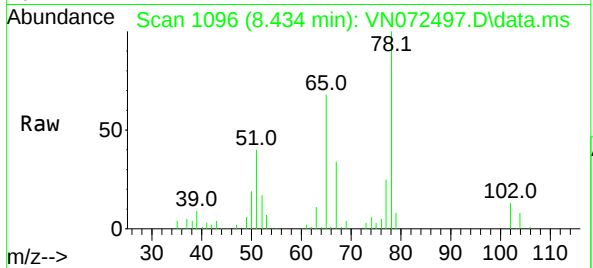
VSTDIC050

Tgt Ion: 65 Resp: 86029

Ion Ratio Lower Upper

65 100

67 48.3 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

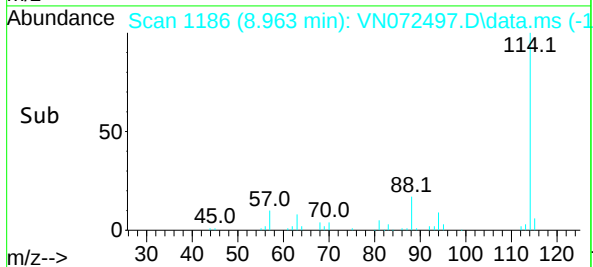
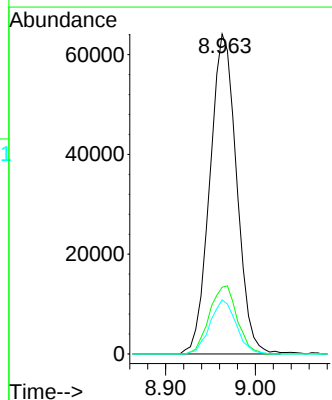
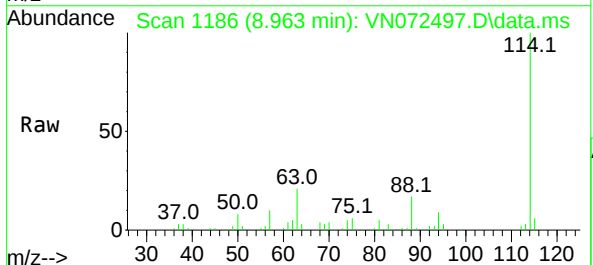
Tgt Ion: 114 Resp: 132674

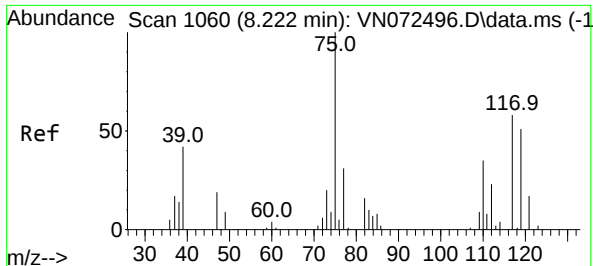
Ion Ratio Lower Upper

114 100

63 22.0 15.8 23.6

88 16.5 11.6 17.4

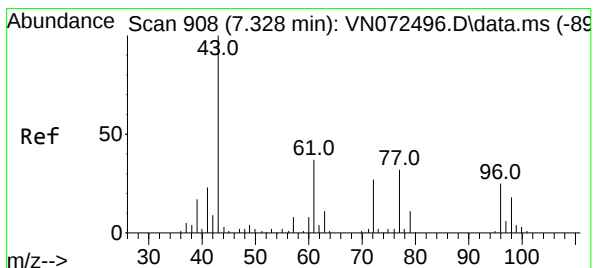
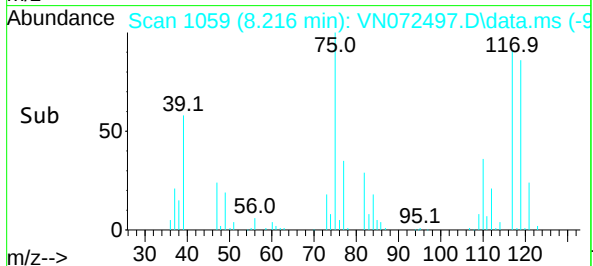
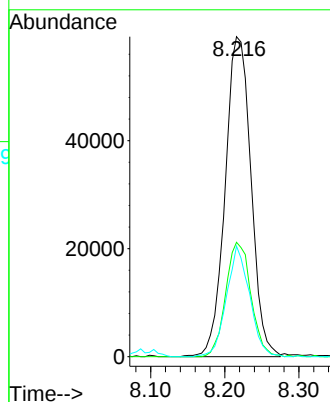
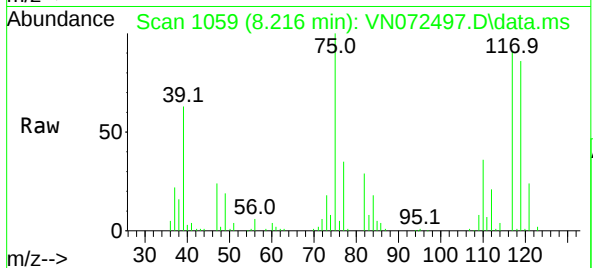




#29
1,1-Dichloropropene
Concen: 70.713 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

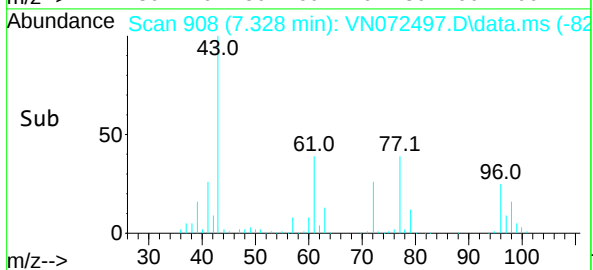
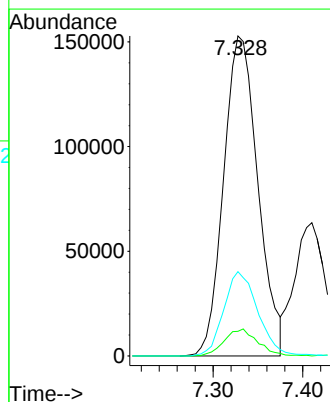
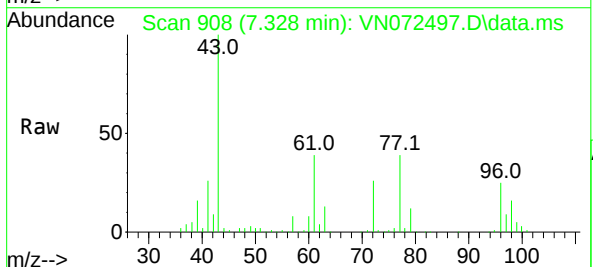
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

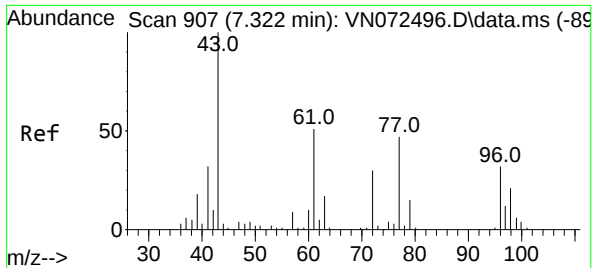
Tgt Ion: 75 Resp: 143391
Ion Ratio Lower Upper
75 100
110 34.8 0.0 74.2
77 31.0 0.0 63.2



#30
2-Butanone
Concen: 350.157 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 43 Resp: 405724
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 26.1 23.2 34.8

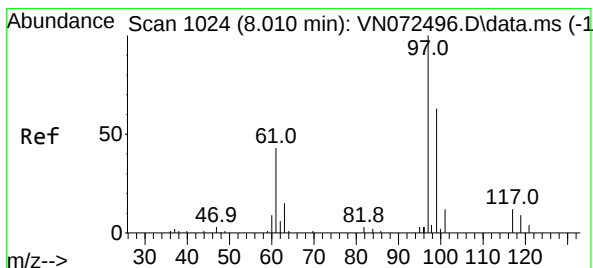
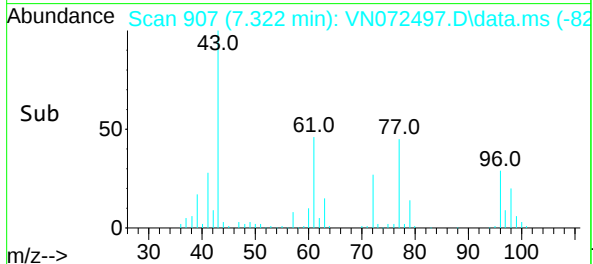
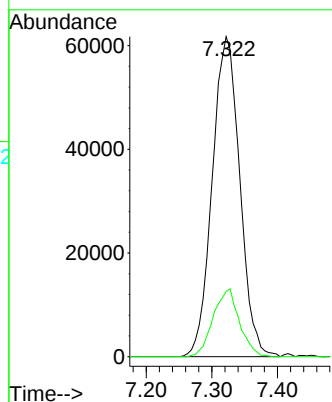
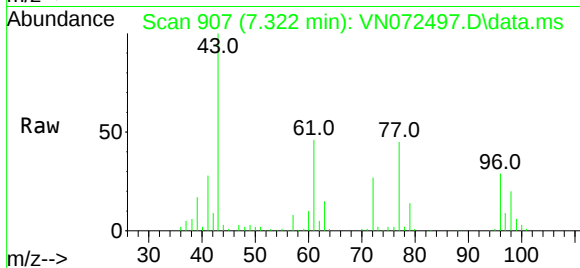




#31
2,2-Dichloropropane
Concen: 75.861 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

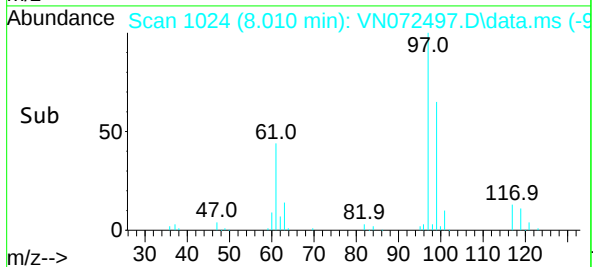
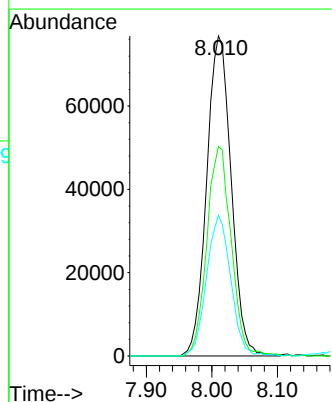
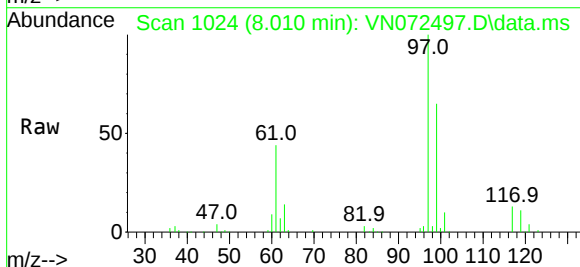
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

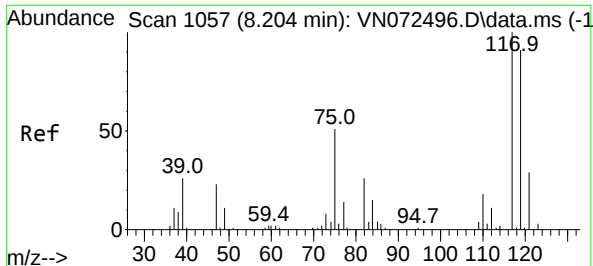
Tgt Ion: 77 Resp: 179977
Ion Ratio Lower Upper
77 100
97 20.1 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 77.899 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 97 Resp: 199569
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 43.0 34.6 51.8

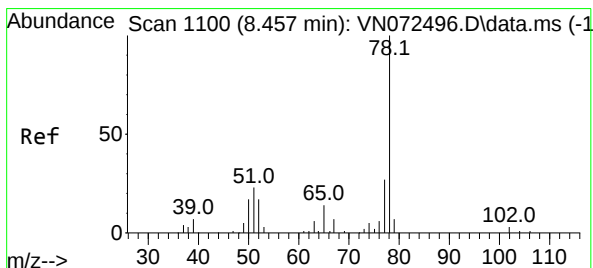
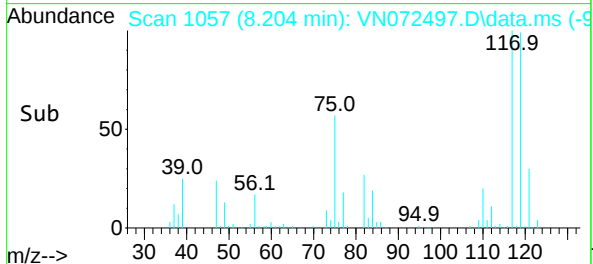
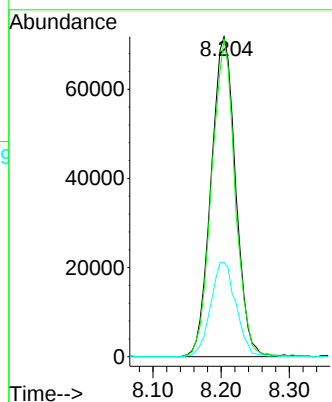
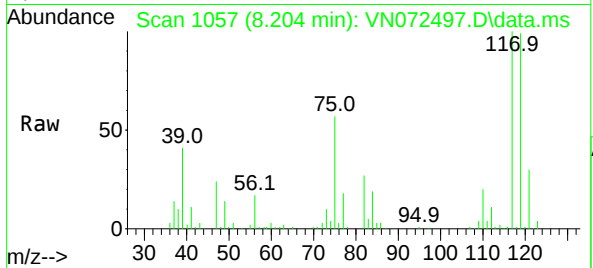




#33
Carbon Tetrachloride
Concen: 80.104 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

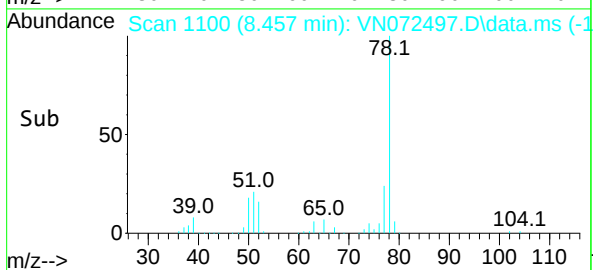
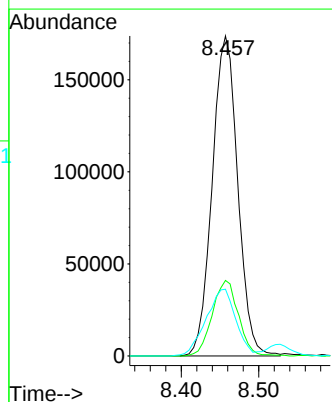
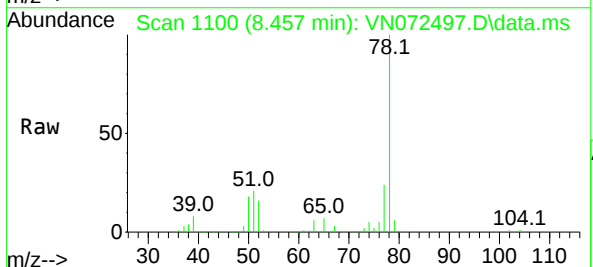
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

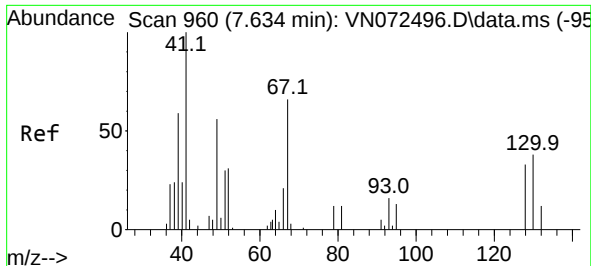
Tgt Ion:117 Resp: 180071
Ion Ratio Lower Upper
117 100
119 99.1 77.5 116.3
121 29.5 23.5 35.3



#34
Benzene
Concen: 64.477 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 78 Resp: 397805
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 20.5 16.0 24.0



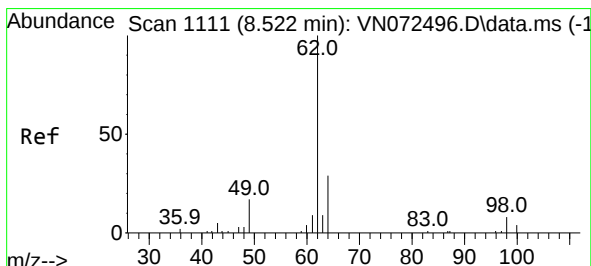
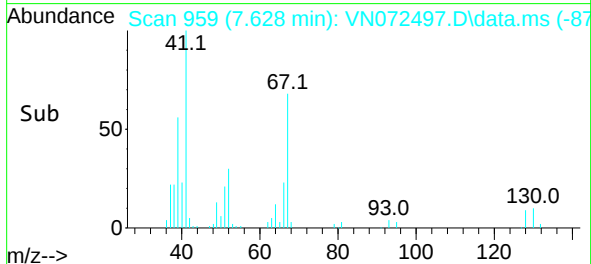
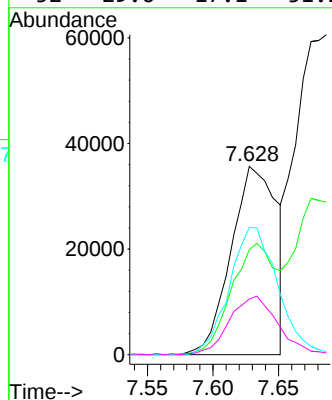
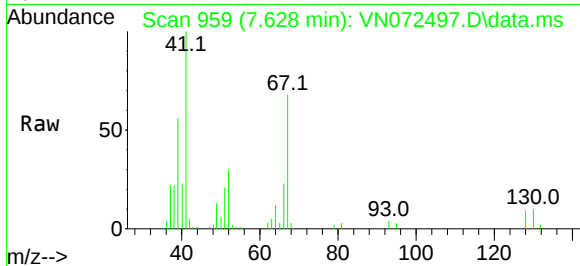


#35
Methacrylonitrile
Concen: 76.444 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 86393

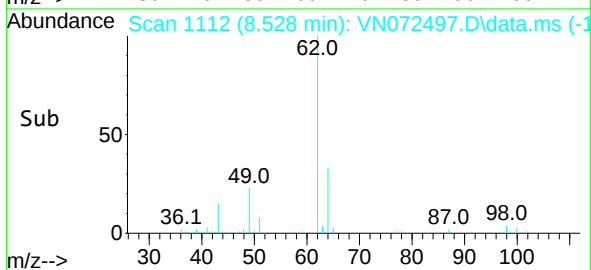
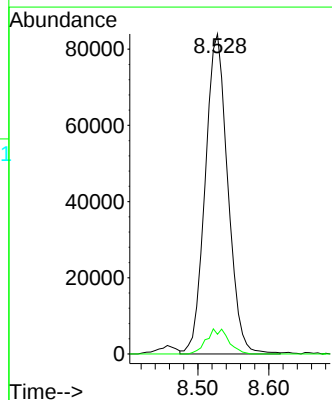
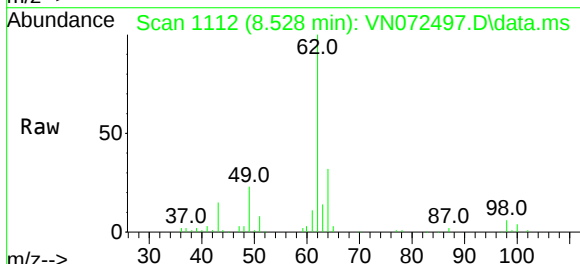
Ion	Ratio	Lower	Upper
41	100		
39	55.3	28.0	83.9
67	67.6	37.7	113.1
52	29.6	17.1	51.2

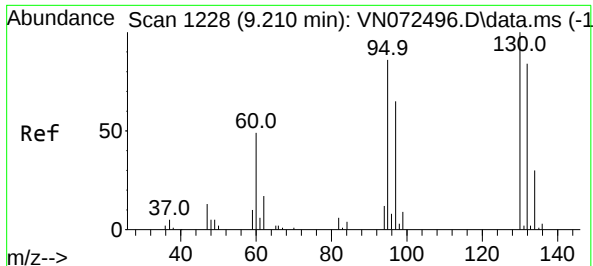


#36
1,2-Dichloroethane
Concen: 76.666 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 62 Resp: 185540

Ion	Ratio	Lower	Upper
62	100		
98	4.3	6.6	10.0#





#37

Trichloroethene

Concen: 66.447 ug/l

RT: 9.216 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

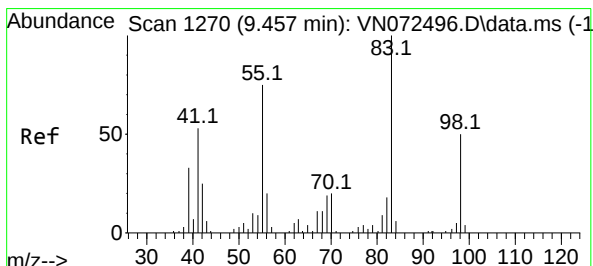
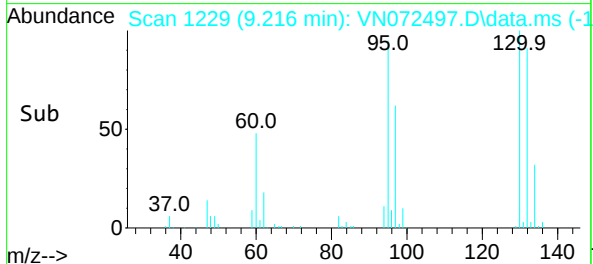
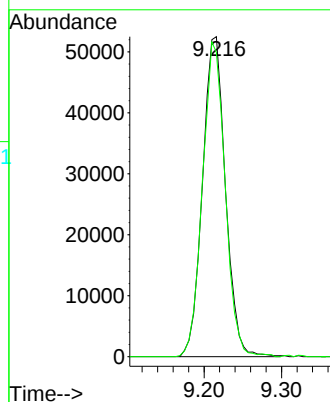
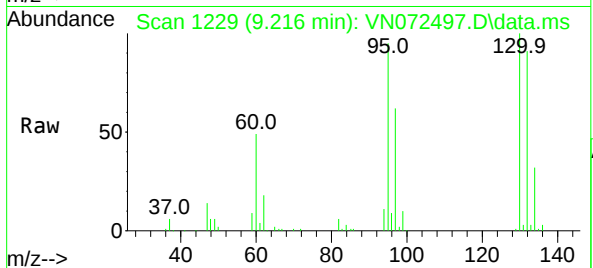
VSTDIC050

Tgt Ion:130 Resp: 107840

Ion Ratio Lower Upper

130 100

95 95.2 76.6 115.0



#38

Methylcyclohexane

Concen: 68.326 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

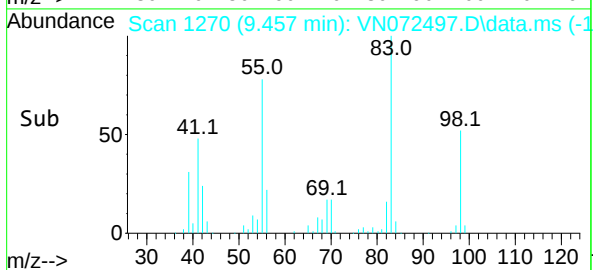
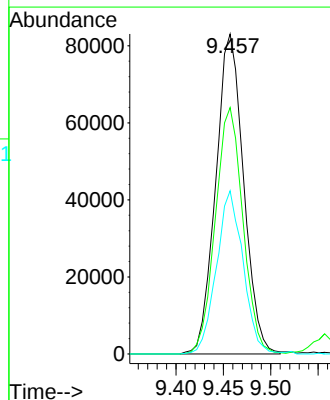
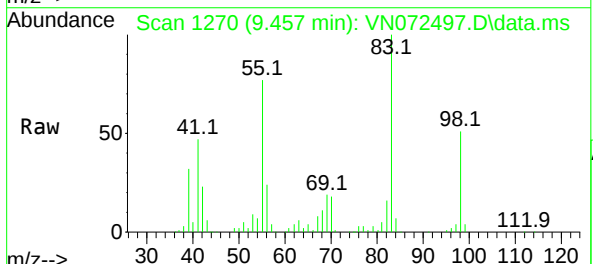
Tgt Ion: 83 Resp: 169760

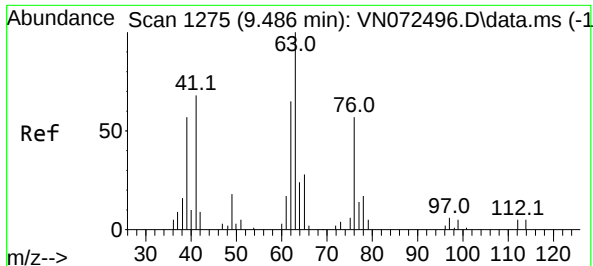
Ion Ratio Lower Upper

83 100

55 76.3 35.1 105.3

98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 64.374 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

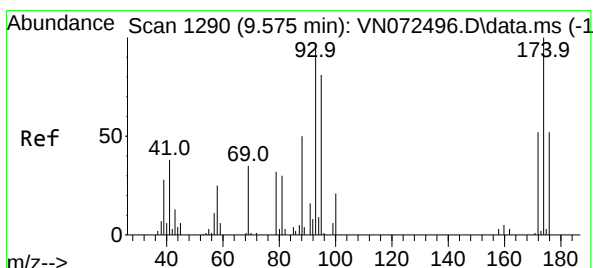
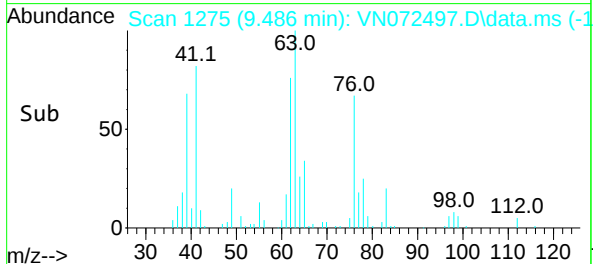
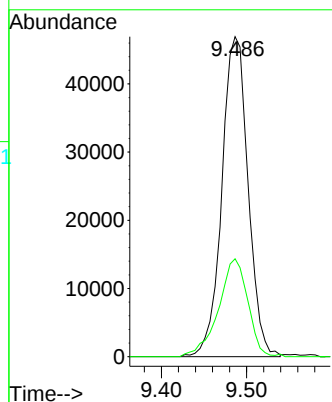
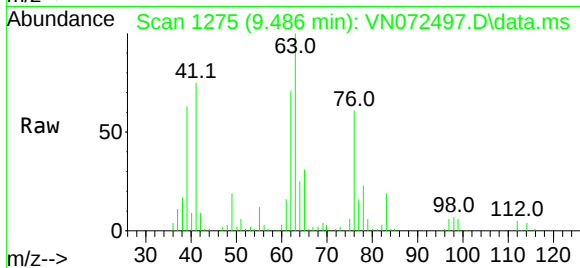
VSTDICC050

Tgt Ion: 63 Resp: 100272

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#40

Dibromomethane

Concen: 68.935 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

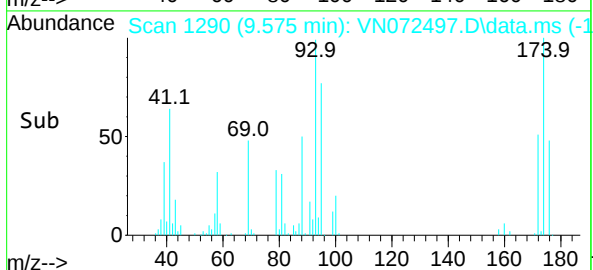
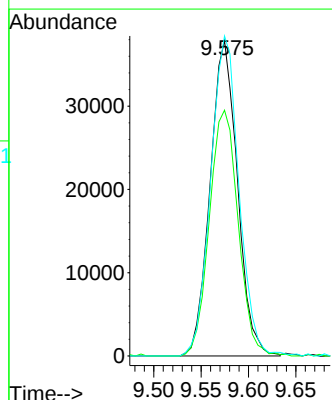
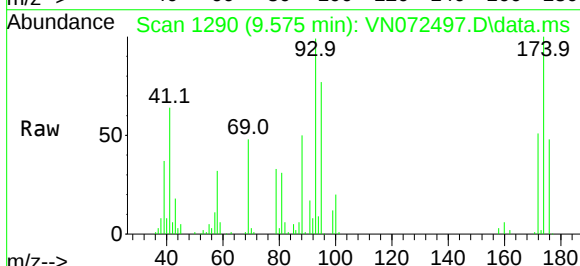
Tgt Ion: 93 Resp: 76008

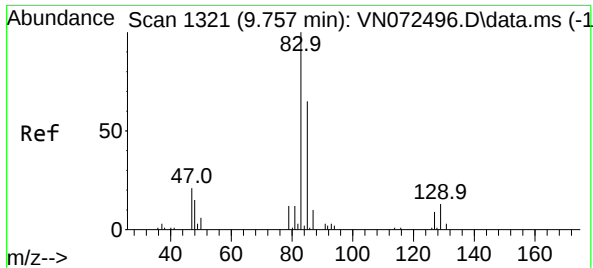
Ion Ratio Lower Upper

93 100

95 82.2 0.0 168.8

174 104.4 0.0 173.6

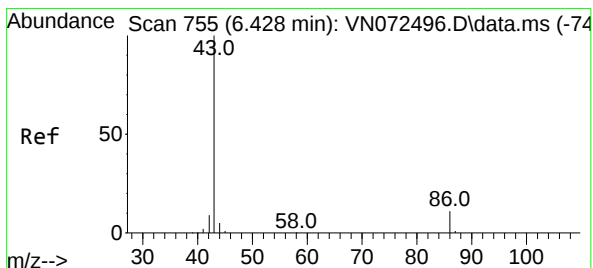
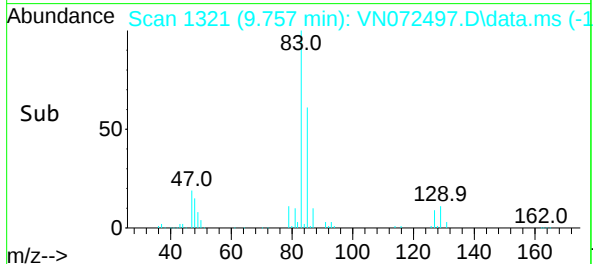
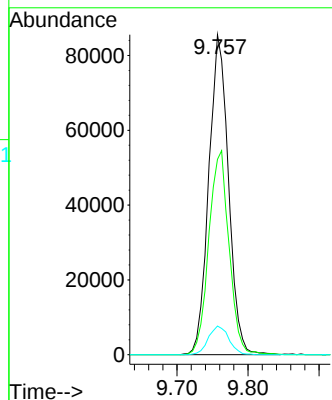
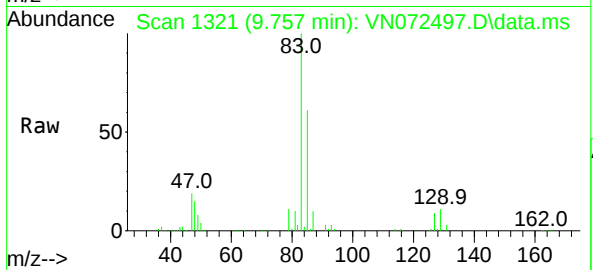




#41
Bromodichloromethane
Concen: 73.796 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

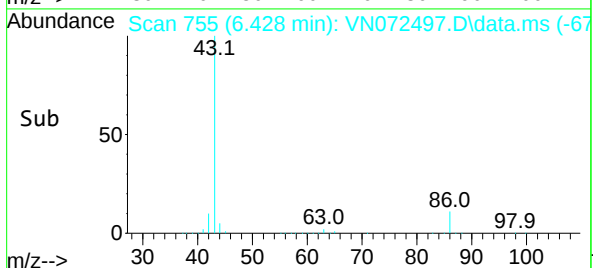
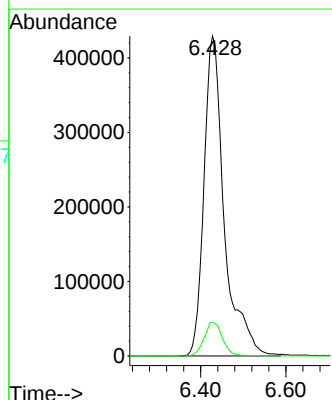
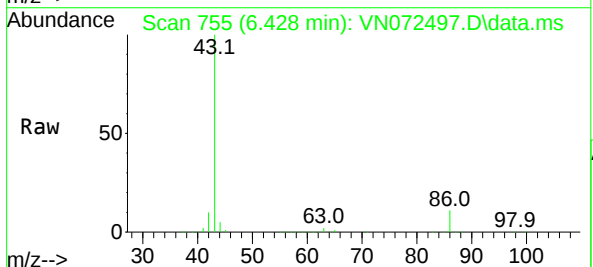
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

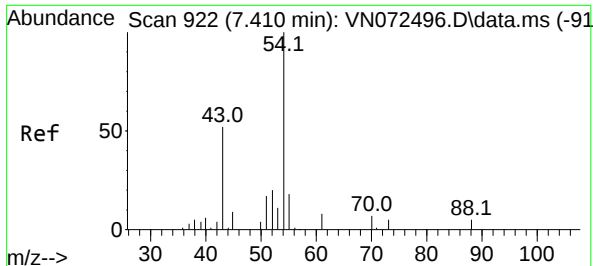
Tgt Ion: 83 Resp: 164631
Ion Ratio Lower Upper
83 100
85 61.1 54.1 81.1
127 9.0 7.6 11.4



#42
Vinyl Acetate
Concen: 359.129 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 43 Resp: 1418852
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 68.455 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

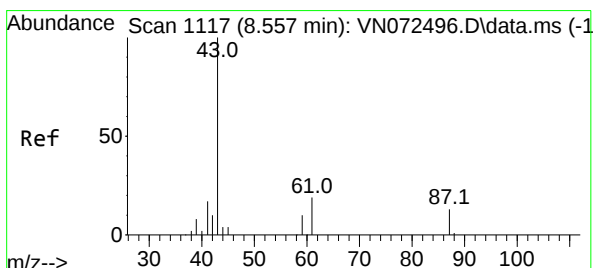
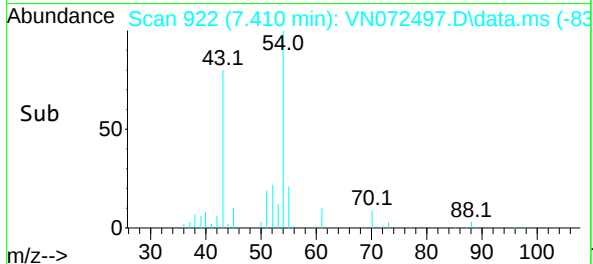
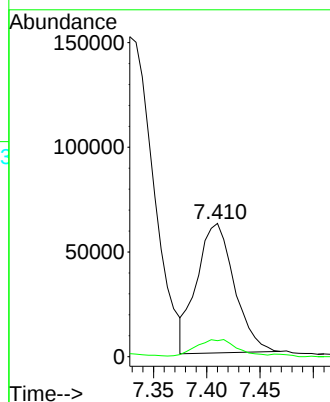
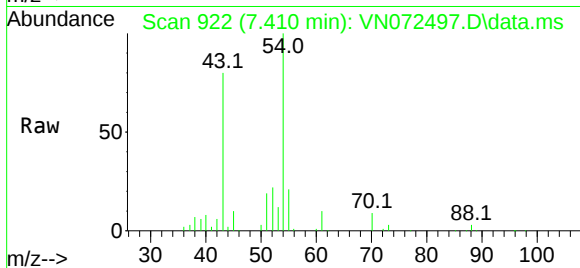
VSTDICC050

Tgt Ion: 43 Resp: 151218

Ion Ratio Lower Upper

43 100

45 14.6 10.6 16.0



#44

Isopropyl Acetate

Concen: 70.008 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072497.D

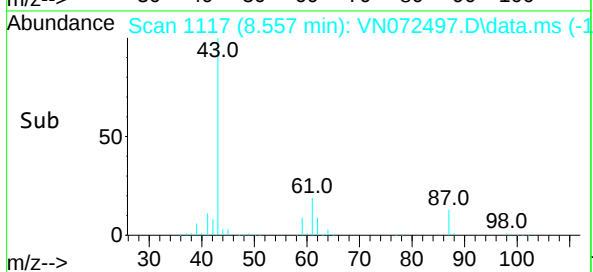
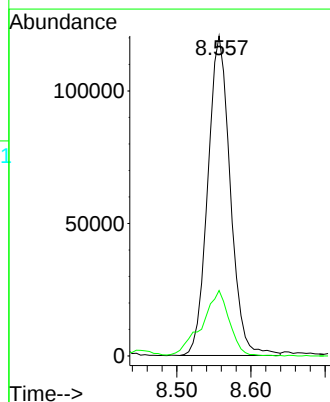
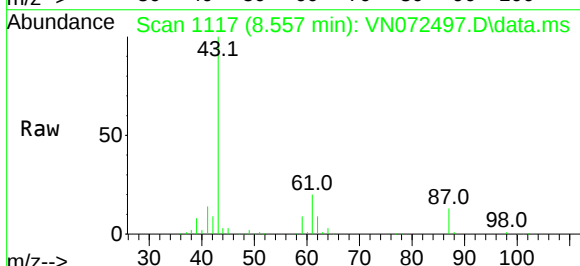
Acq: 16 May 2022 13:04

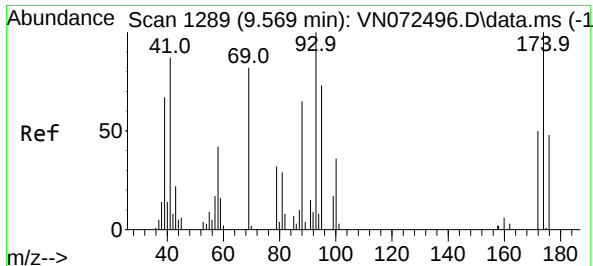
Tgt Ion: 43 Resp: 254247

Ion Ratio Lower Upper

43 100

61 24.7 20.1 30.1





#45

1,4-Dioxane

Concen: 1366.383 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

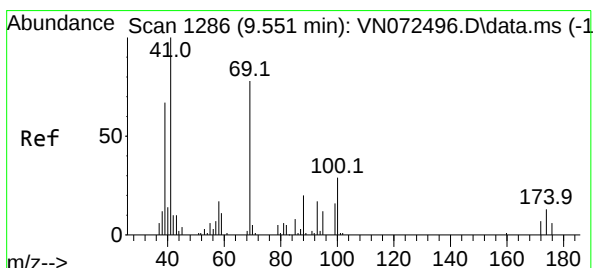
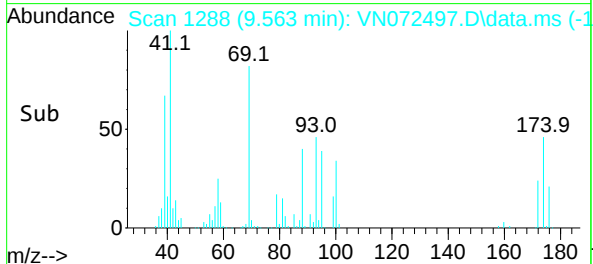
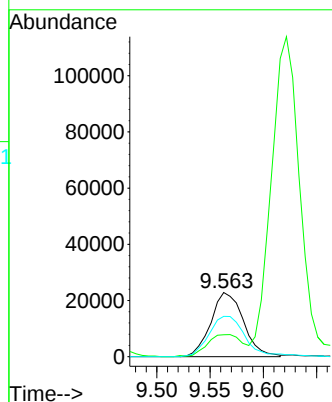
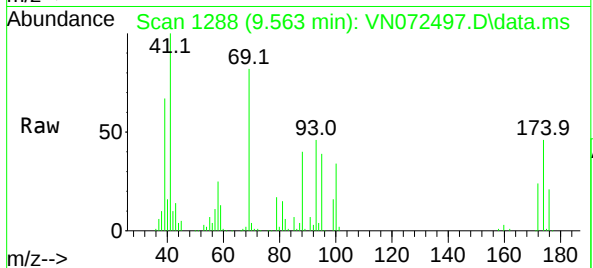
Tgt Ion: 88 Resp: 48723

Ion Ratio Lower Upper

88 100

43 35.9 25.0 37.6

58 67.7 49.4 74.2



#46

Methyl methacrylate

Concen: 81.038 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

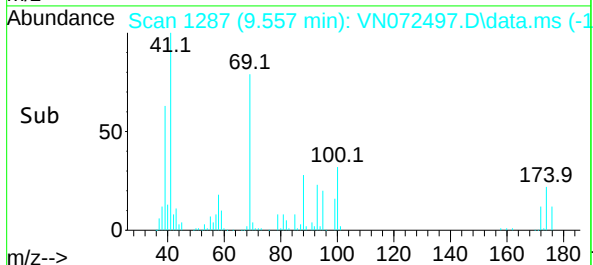
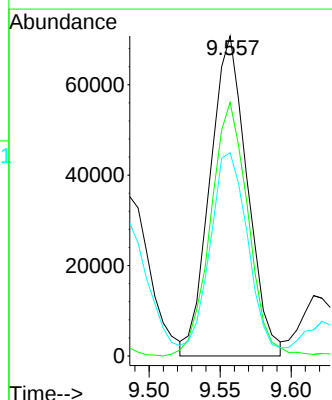
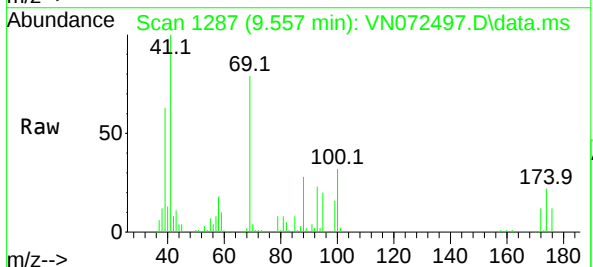
Tgt Ion: 41 Resp: 128919

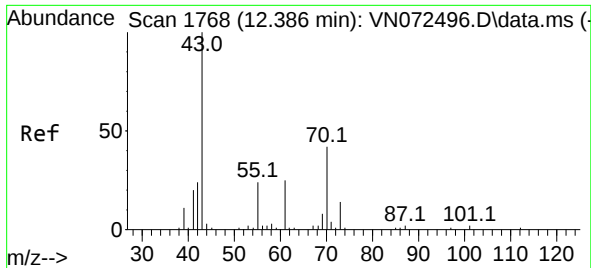
Ion Ratio Lower Upper

41 100

69 80.9 44.4 133.2

39 63.7 39.9 119.6

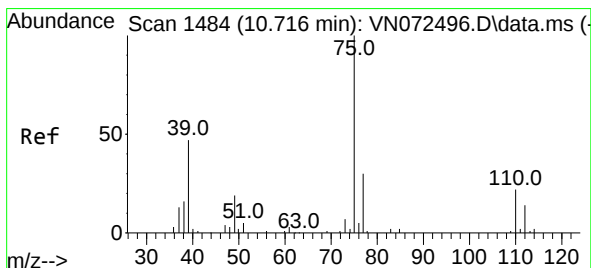
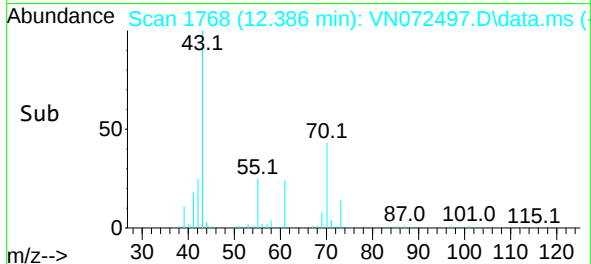
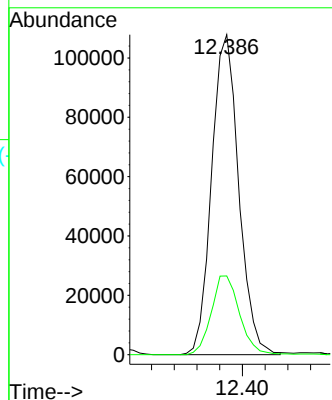
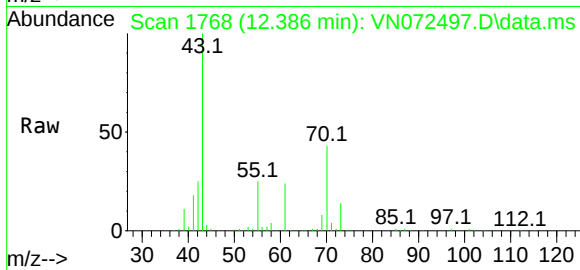




#47
n-amy1 Acetate
Concen: 75.556 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

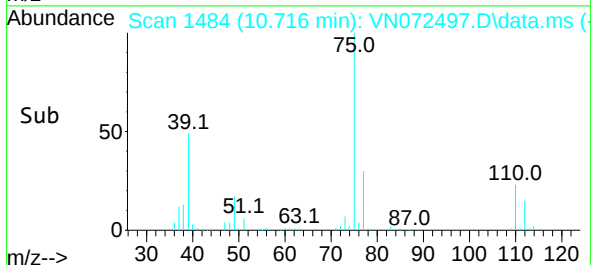
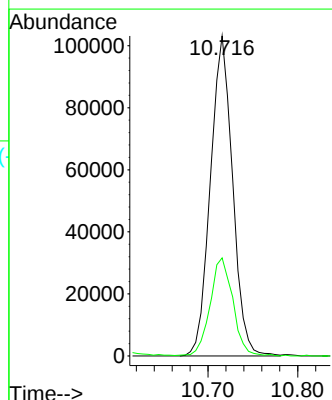
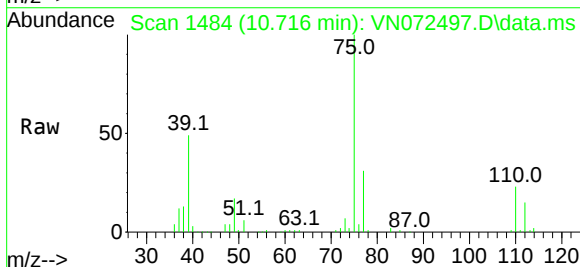
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

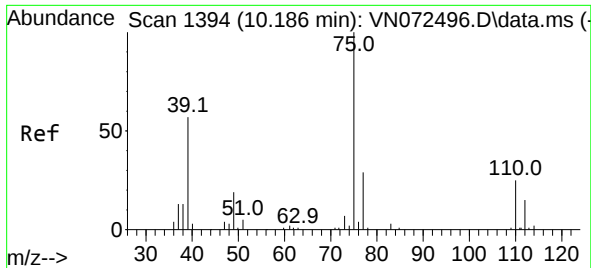
Tgt Ion: 43 Resp: 178749
Ion Ratio Lower Upper
43 100
55 25.7 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 74.220 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 75 Resp: 177173
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

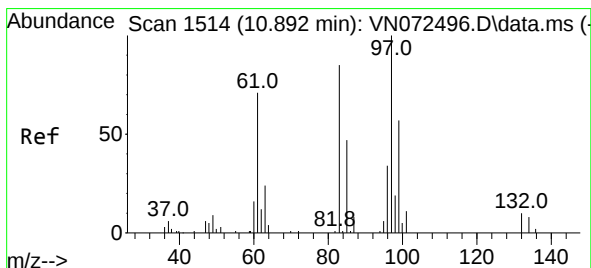
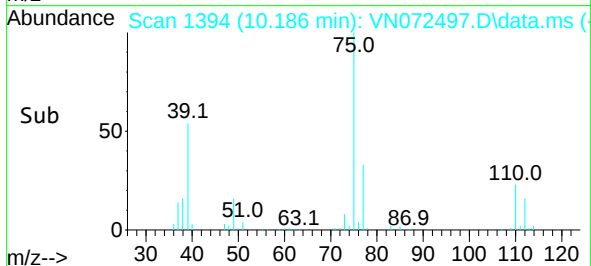
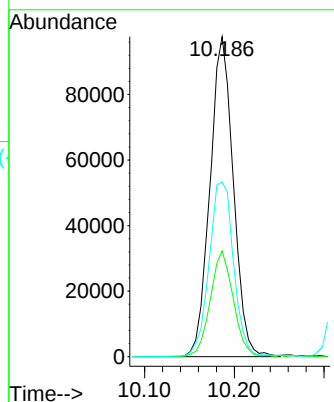
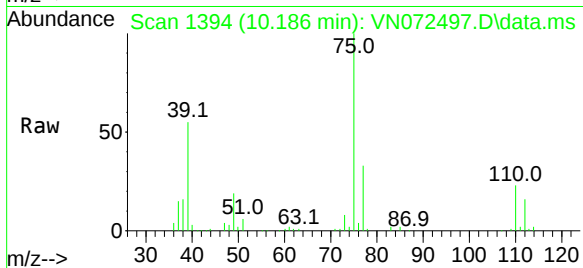




#49
 cis-1,3-Dichloropropene
 Concen: 69.205 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

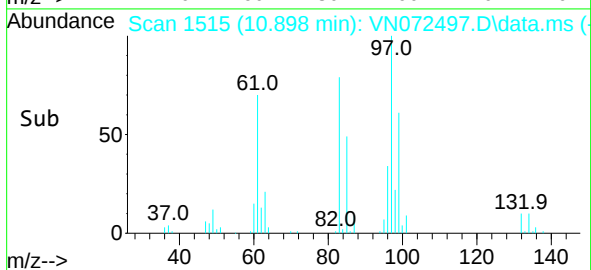
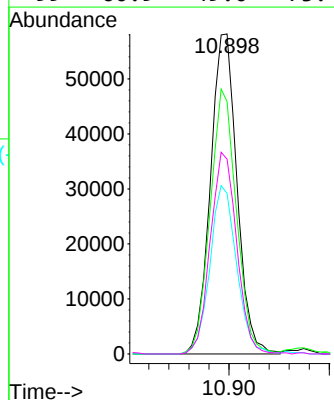
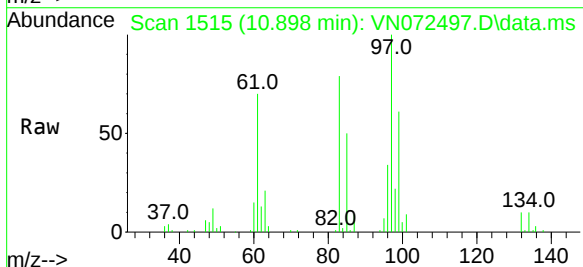
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

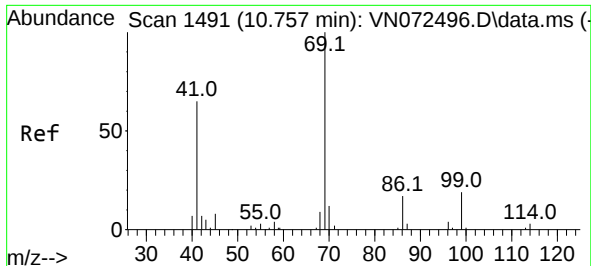
Tgt Ion: 75 Resp: 176562
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9
 39 54.4 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 67.494 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

Tgt Ion: 97 Resp: 106807
 Ion Ratio Lower Upper
 97 100
 83 78.9 67.2 100.8
 85 50.2 43.0 64.4
 99 60.9 49.0 73.4

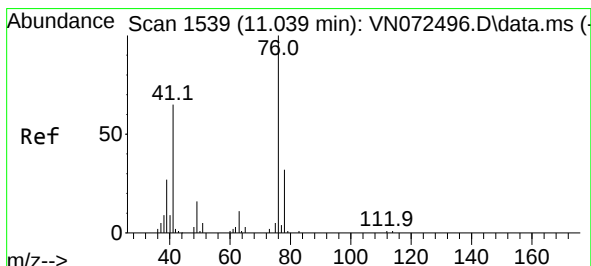
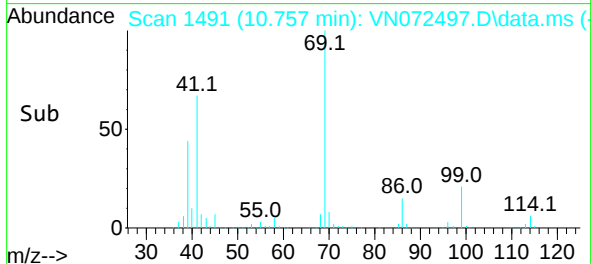
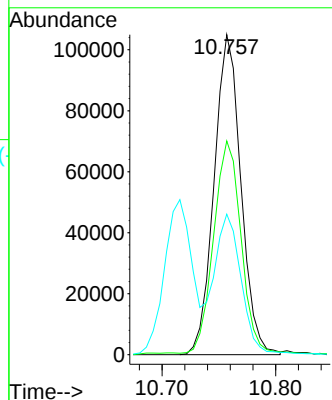
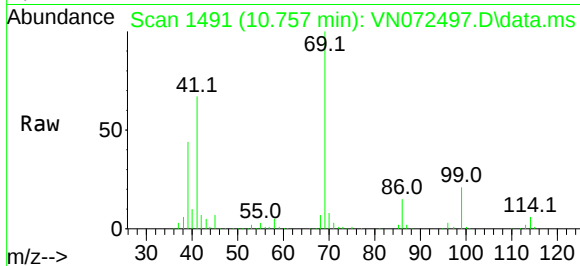




#51
Ethyl methacrylate
Concen: 70.254 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

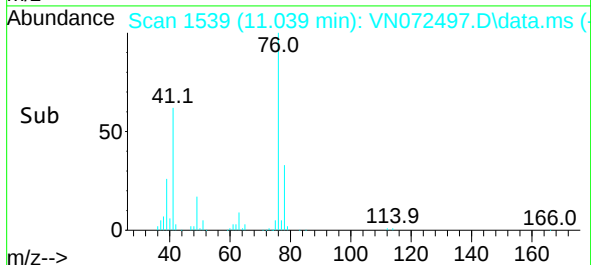
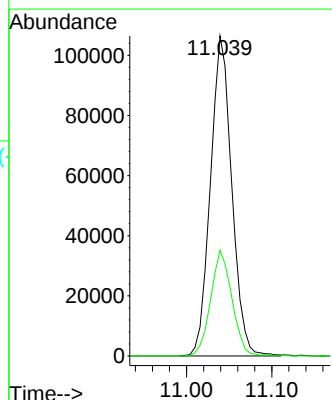
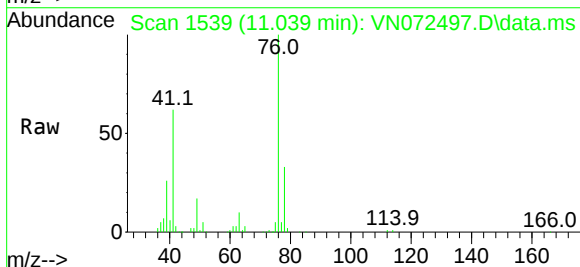
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

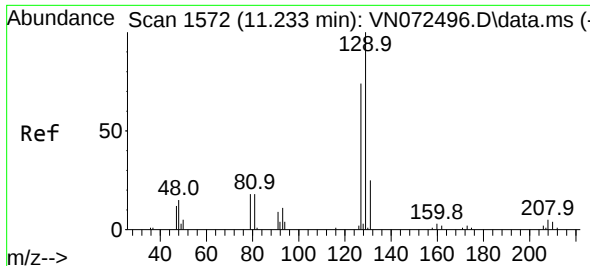
Tgt Ion: 69 Resp: 172226
Ion Ratio Lower Upper
69 100
41 66.3 33.0 98.9
39 43.2 25.4 76.4



#52
1,3-Dichloropropane
Concen: 67.970 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 76 Resp: 185012
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4

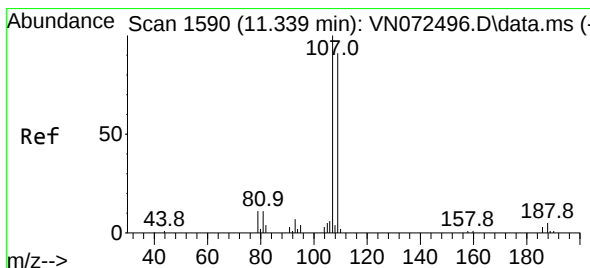
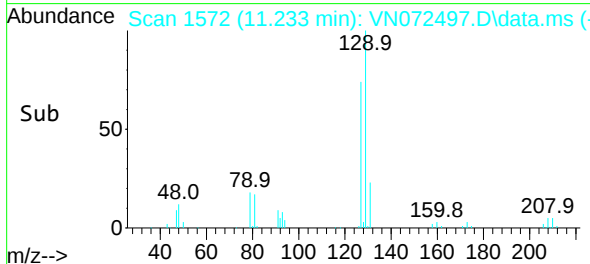
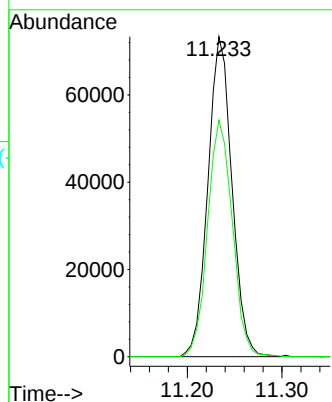
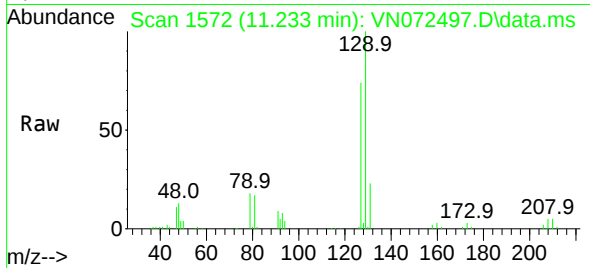




#53
Dibromochloromethane
Concen: 73.850 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

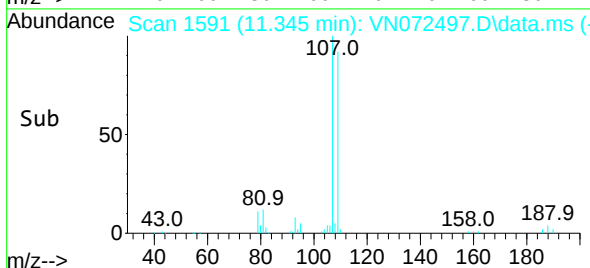
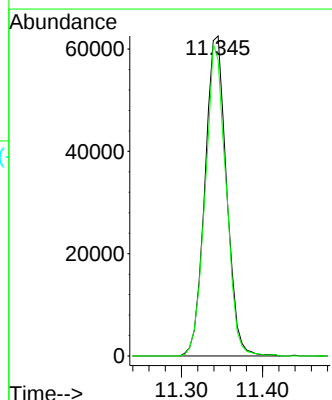
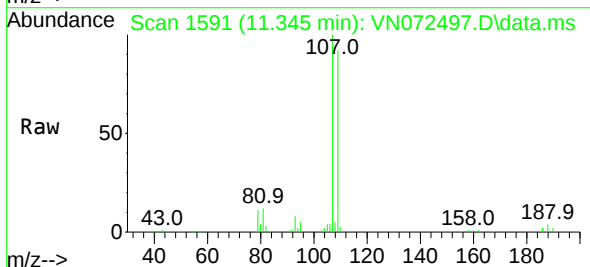
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

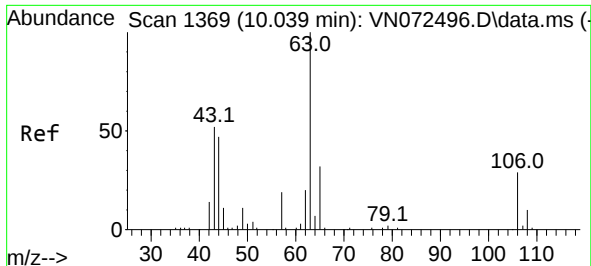
Tgt Ion:129 Resp: 129620
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0



#54
1,2-Dibromoethane
Concen: 70.342 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:107 Resp: 115411
Ion Ratio Lower Upper
107 100
109 93.6 72.8 109.2

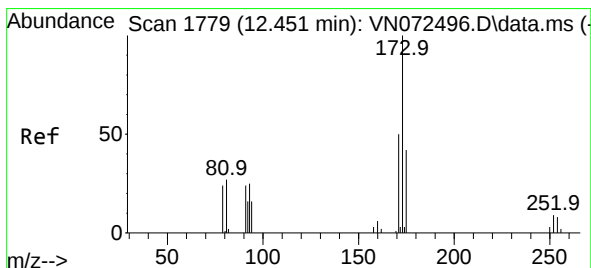
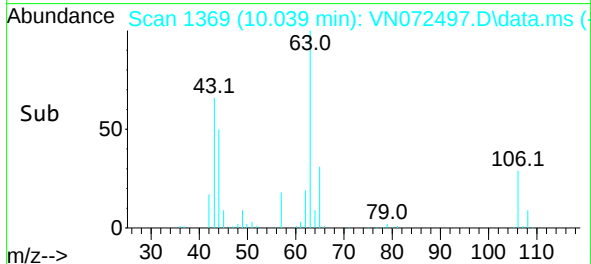
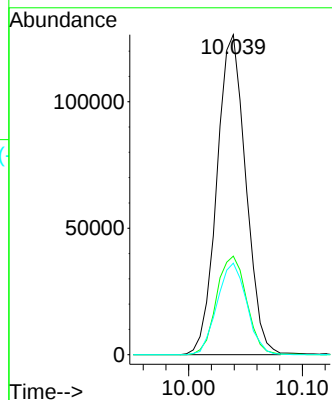
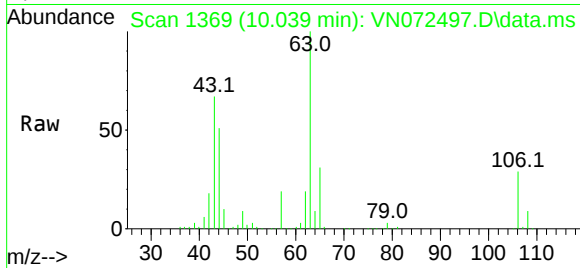




#55
2-Chloroethyl vinyl ether
Concen: 360.820 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

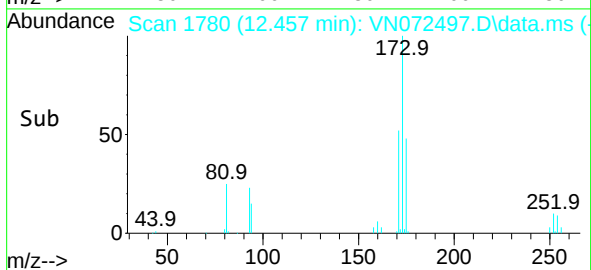
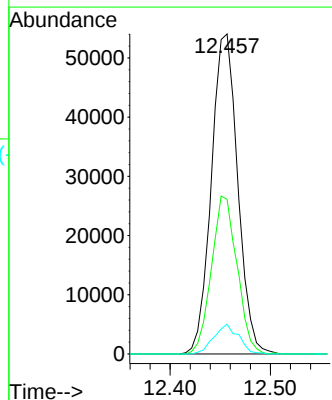
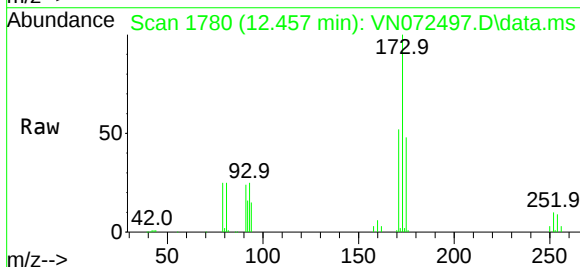
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

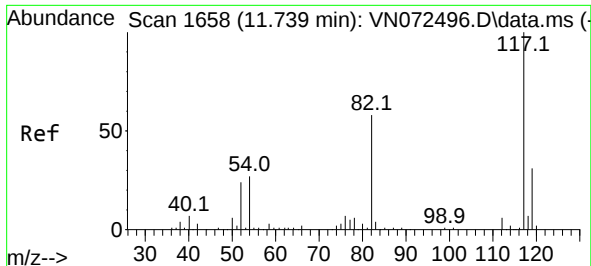
Tgt Ion: 63 Resp: 223686
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 29.2 23.2 34.8



#56
Bromoform
Concen: 75.337 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:173 Resp: 98895
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 8.7 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

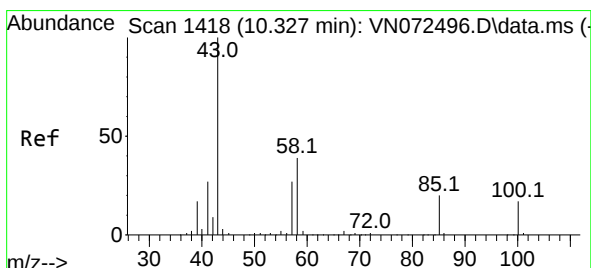
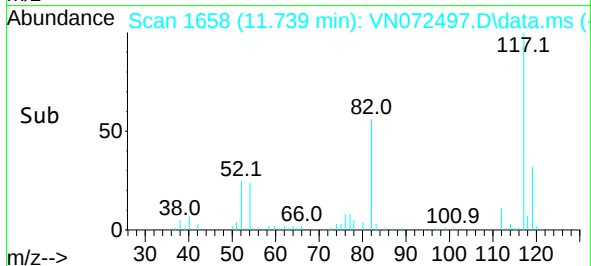
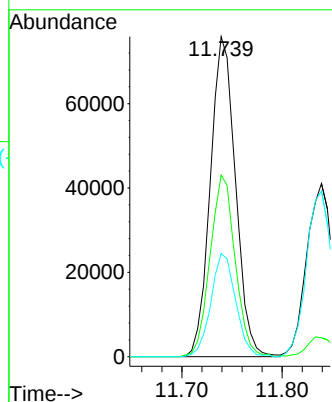
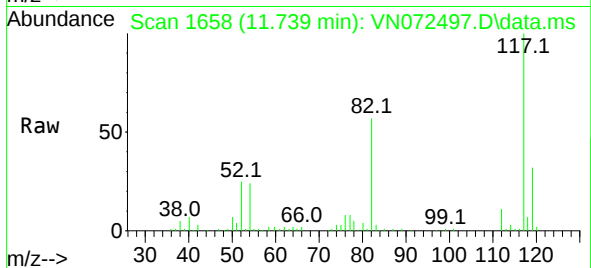
Tgt Ion:117 Resp: 132379

Ion Ratio Lower Upper

117 100

82 56.5 43.6 65.4

119 31.6 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 337.924 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

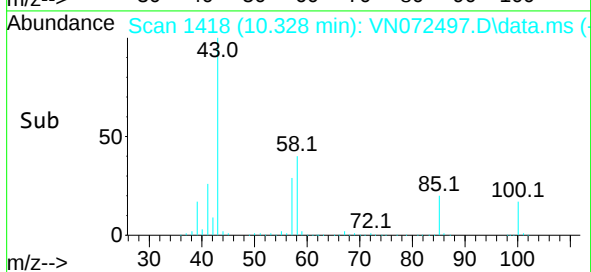
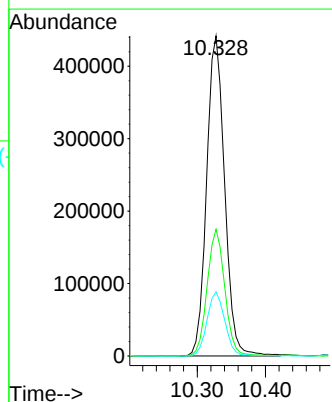
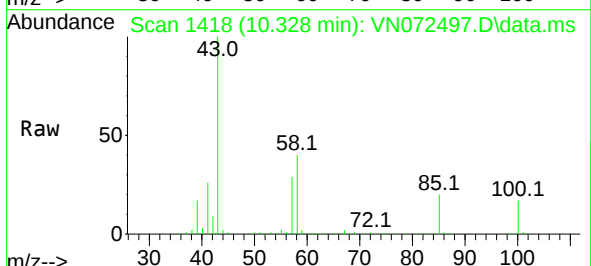
Tgt Ion: 43 Resp: 810791

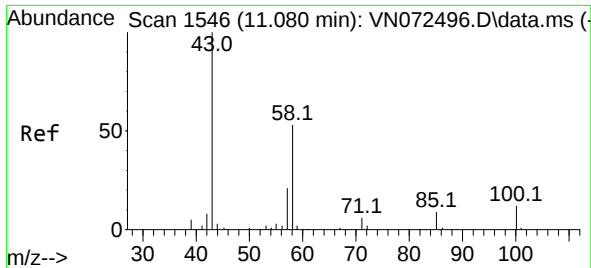
Ion Ratio Lower Upper

43 100

58 38.8 30.0 45.0

85 19.7 15.0 22.6

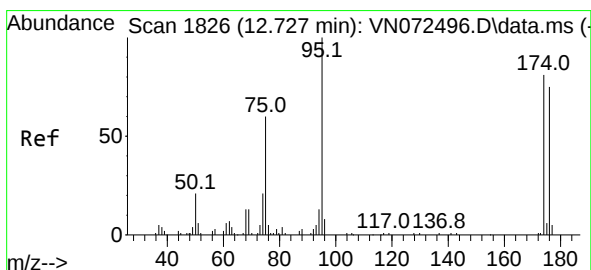
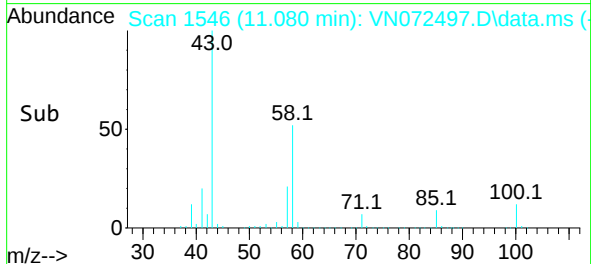
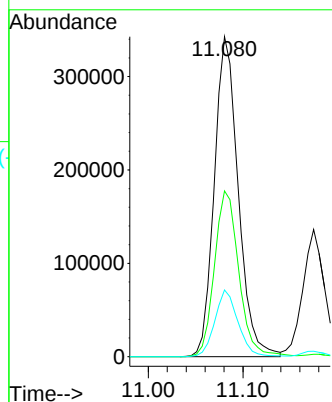
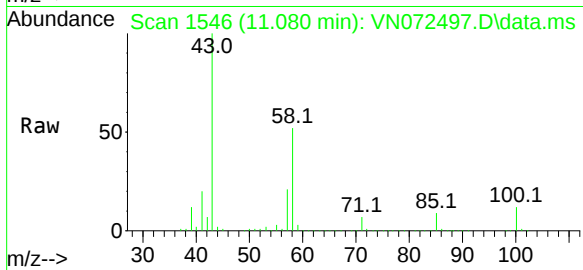




#59
2-Hexanone
Concen: 342.761 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

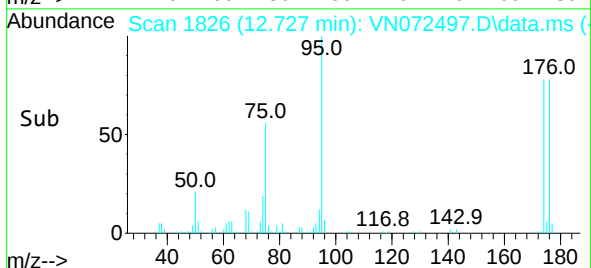
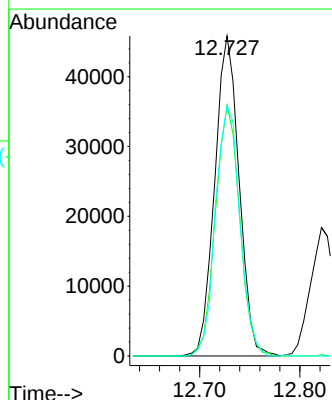
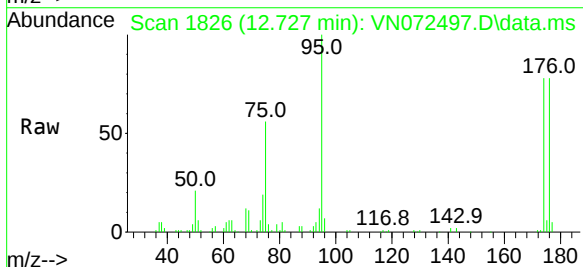
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

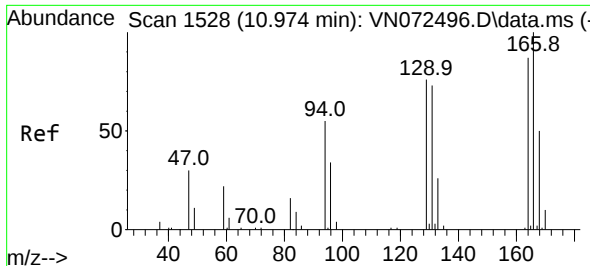
Tgt Ion: 43 Resp: 602477
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.2
57 20.2 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 35.383 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 95 Resp: 77417
Ion Ratio Lower Upper
95 100
174 77.9 62.9 94.3
176 78.4 61.0 91.4

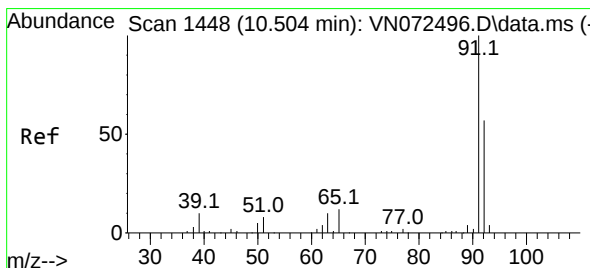
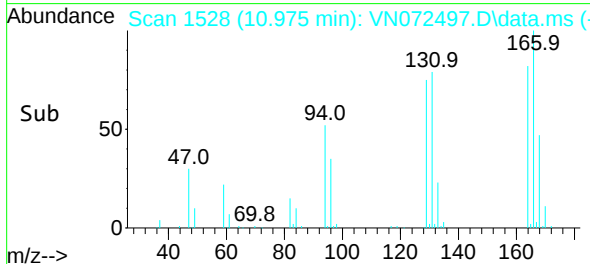
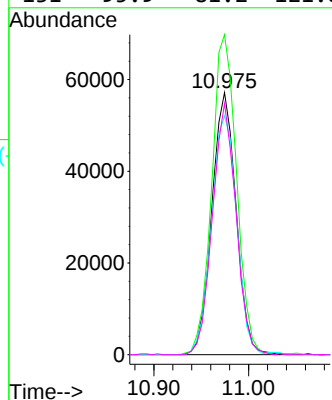
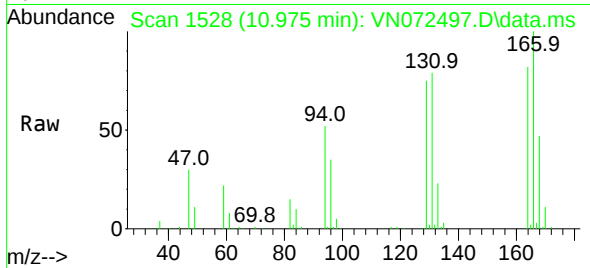




#61
Tetrachloroethene
Concen: 65.678 ug/l
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

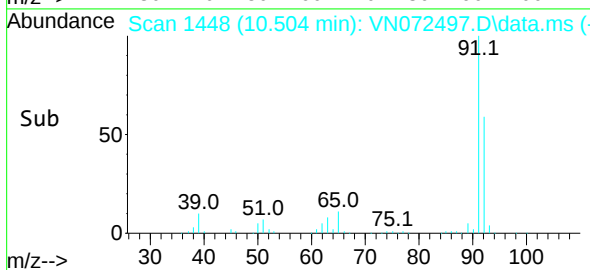
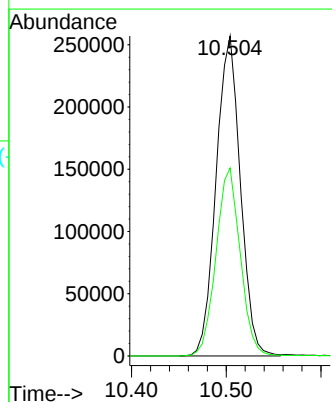
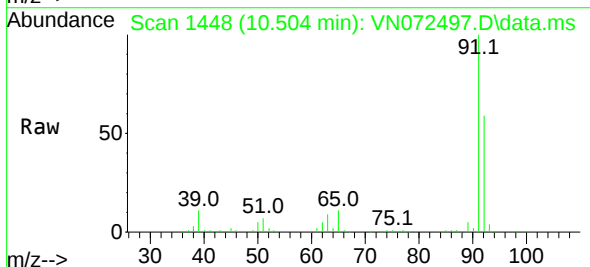
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MSVOA_N
ClientSampleId :
VSTDIC050

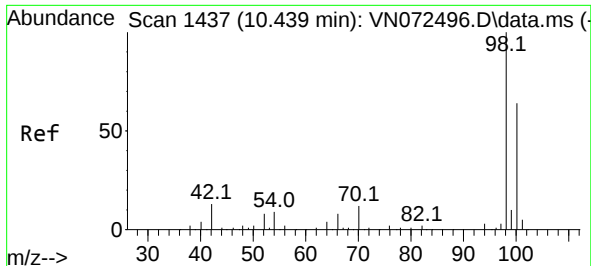
Tgt Ion:164 Resp: 101436
Ion Ratio Lower Upper
164 100
166 122.1 105.8 158.8
129 91.2 82.5 123.7
131 95.9 81.2 121.8



#62
Toluene
Concen: 62.329 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 91 Resp: 458292
Ion Ratio Lower Upper
91 100
92 58.5 44.6 67.0

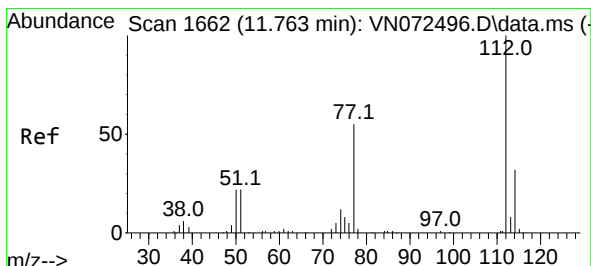
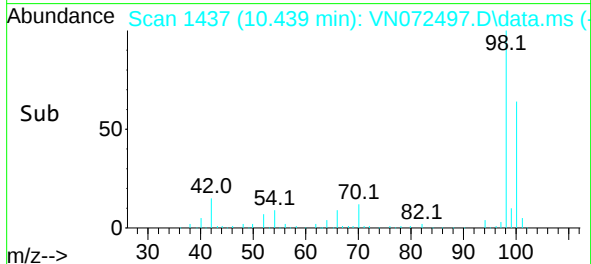
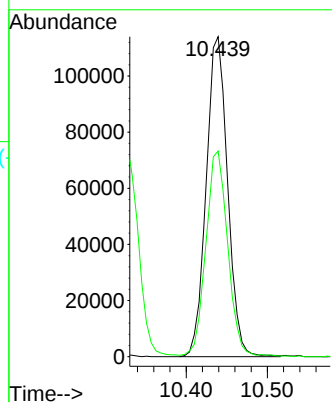
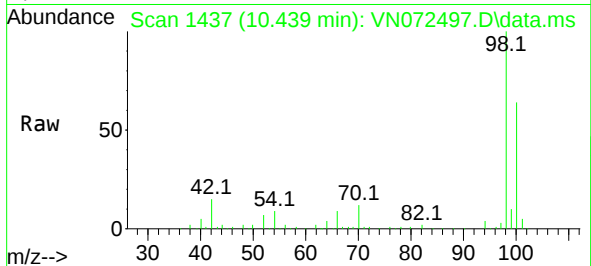




#63
Toluene-d8
Concen: 32.114 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

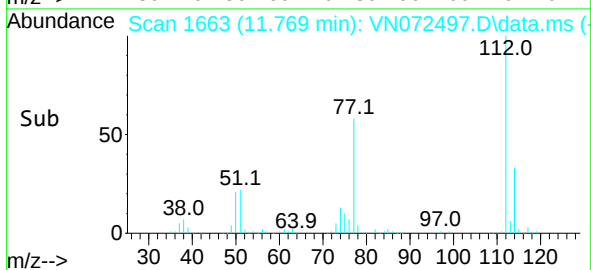
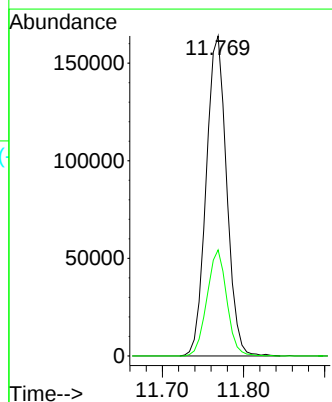
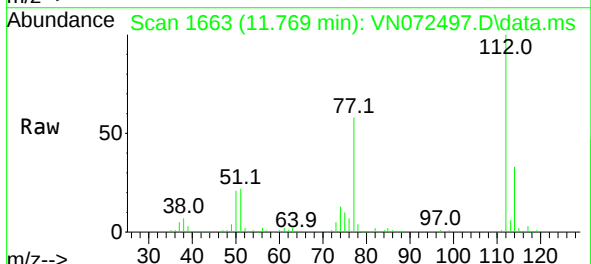
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

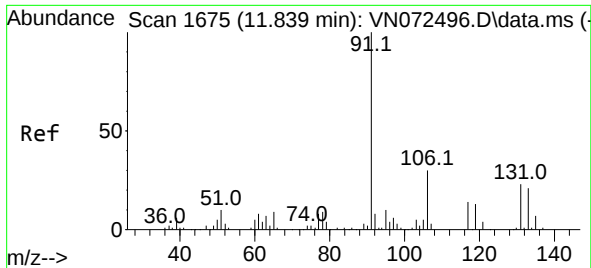
Tgt Ion: 98 Resp: 208718
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 63.056 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 112 Resp: 286368
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

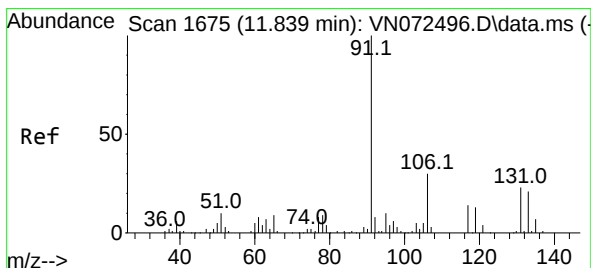
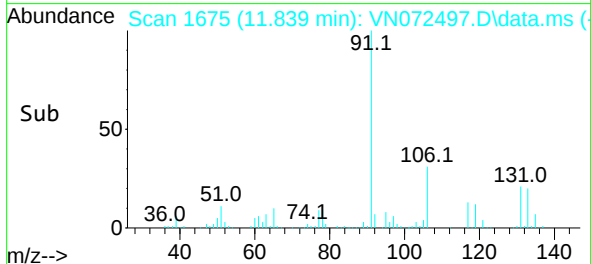
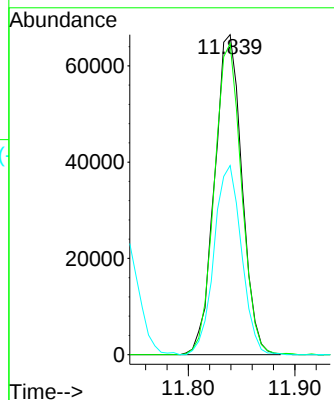
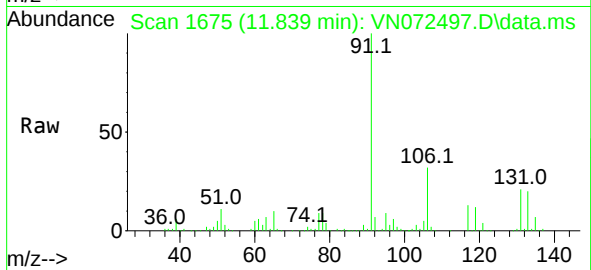




#65
1,1,1,2-Tetrachloroethane
Concen: 67.327 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

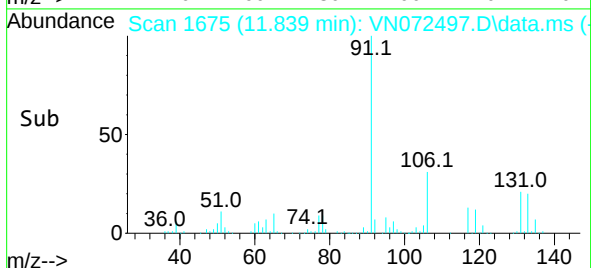
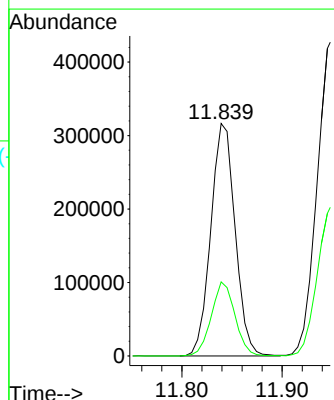
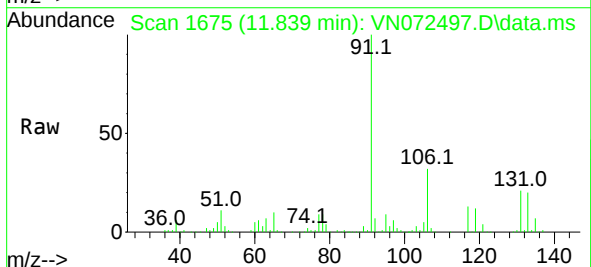
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ClientSampleId :
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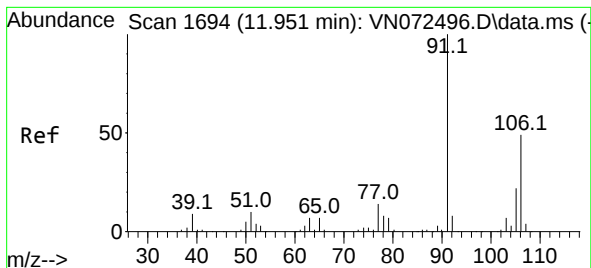
Tgt Ion:131 Resp: 118739
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.2
119 59.2 0.0 128.8



#66
Ethyl Benzene
Concen: 65.719 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 91 Resp: 532403
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0

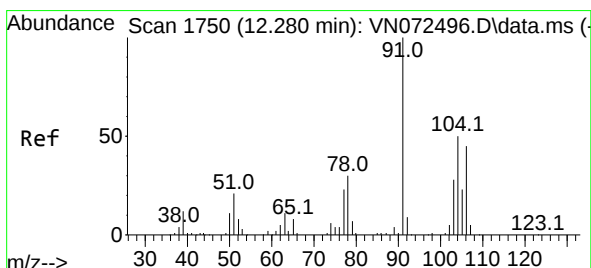
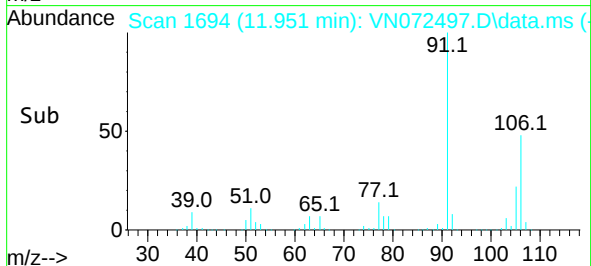
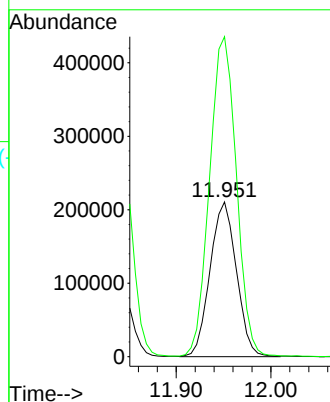
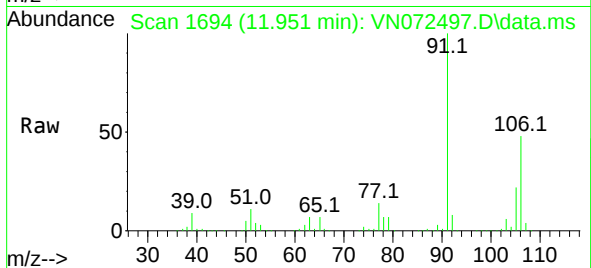




#67
m/p-Xylenes
Concen: 131.090 ug/l
RT: 11.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

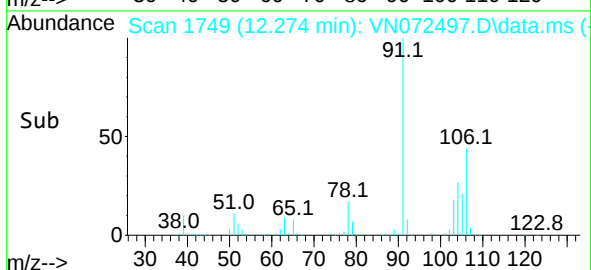
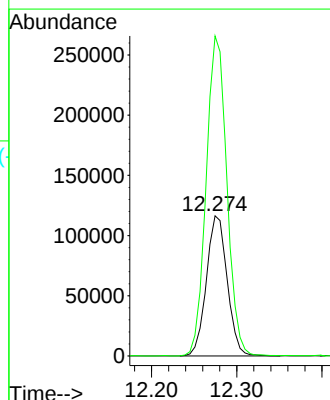
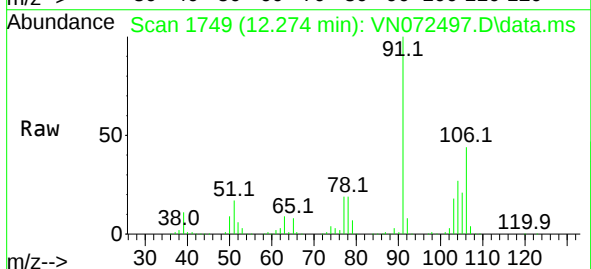
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

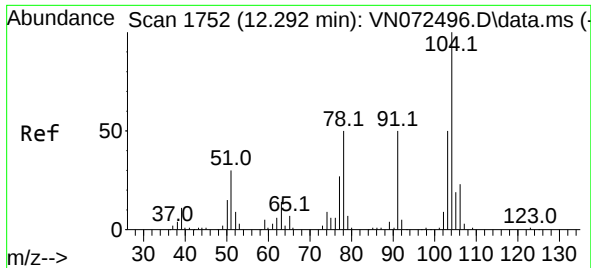
Tgt Ion:106 Resp: 407924
Ion Ratio Lower Upper
106 100
91 210.4 162.9 244.3



#68
o-Xylene
Concen: 63.680 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:106 Resp: 197569
Ion Ratio Lower Upper
106 100
91 226.8 107.7 323.1

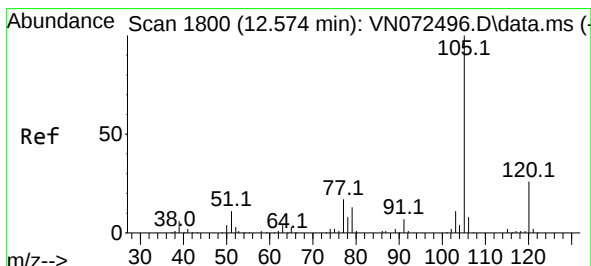
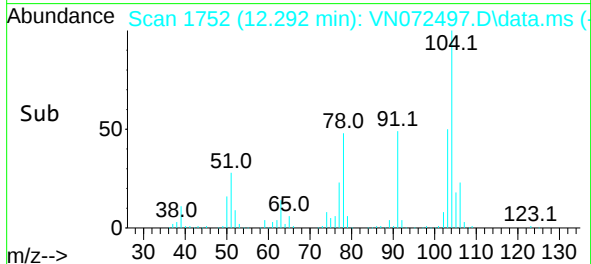
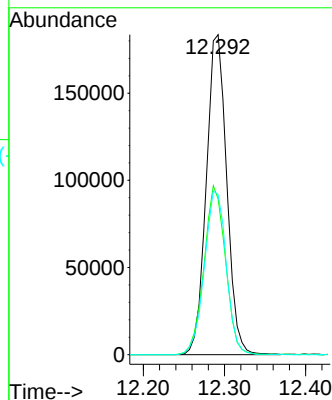
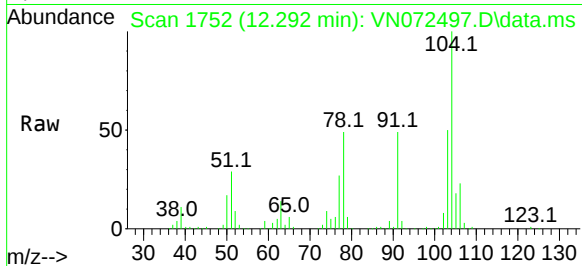




#69
Styrene
Concen: 65.805 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

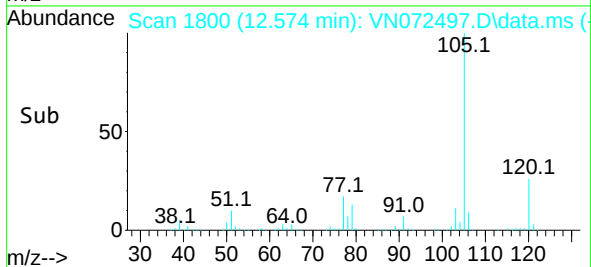
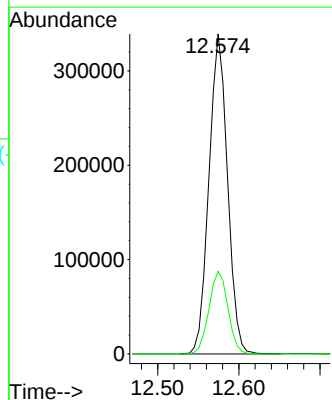
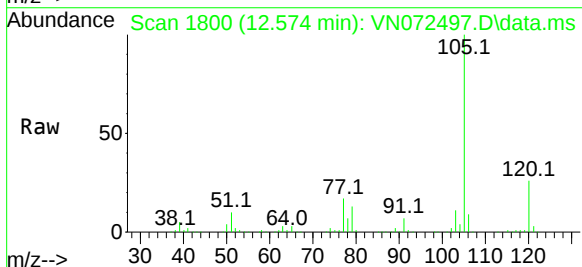
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MSVOA_N
ClientSampleId :
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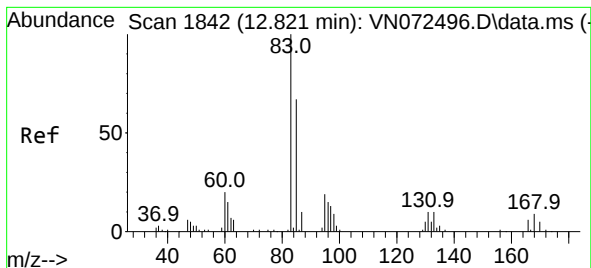
Tgt Ion:104 Resp: 321371
Ion Ratio Lower Upper
104 100
78 55.4 40.7 61.1
103 54.6 45.8 68.8



#70
Isopropylbenzene
Concen: 68.209 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:105 Resp: 538187
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71

1,1,2,2-Tetrachloroethane

Concen: 61.924 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

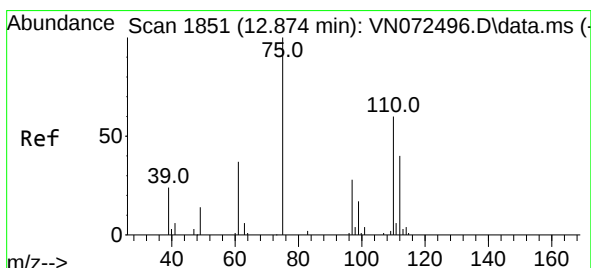
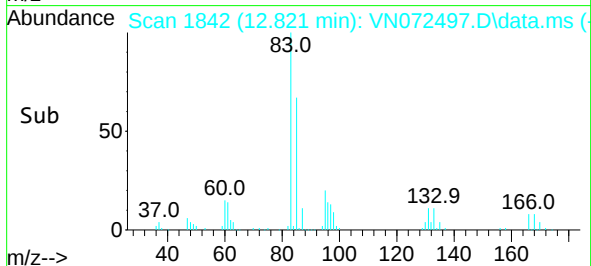
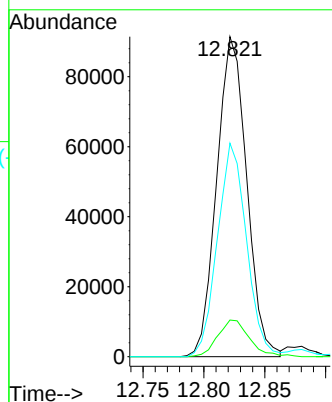
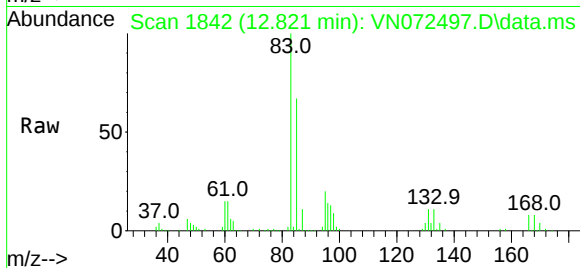
Tgt Ion: 83 Resp: 156568

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.3

85 64.8 33.1 99.2



#72

1,2,3-Trichloropropane

Concen: 95.485 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN072497.D

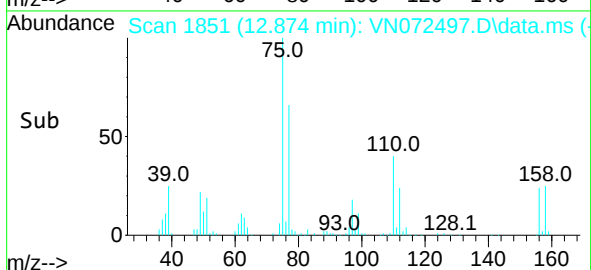
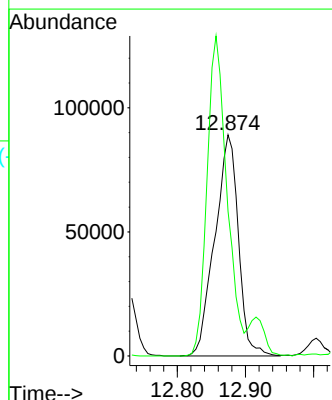
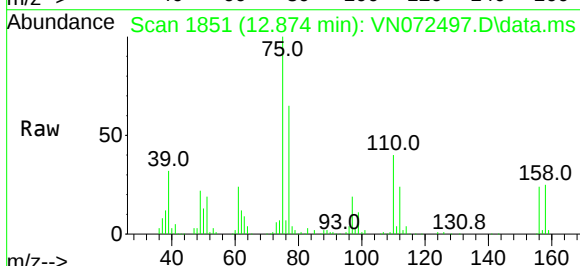
Acq: 16 May 2022 13:04

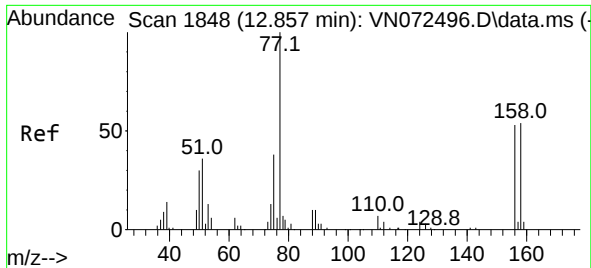
Tgt Ion: 75 Resp: 213974

Ion Ratio Lower Upper

75 100

77 122.4 0.0 378.0

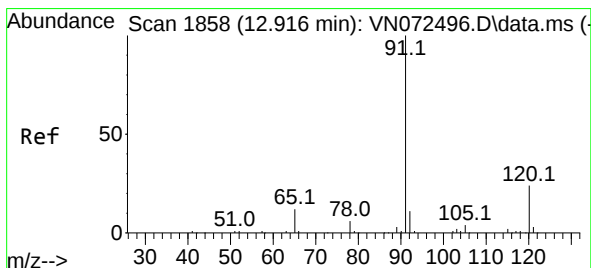
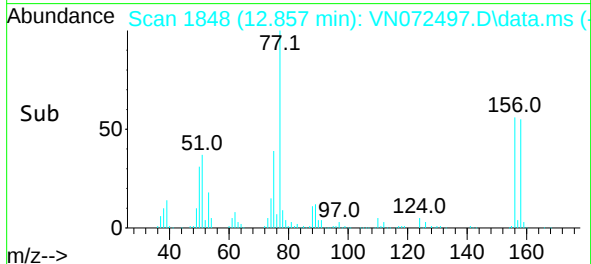
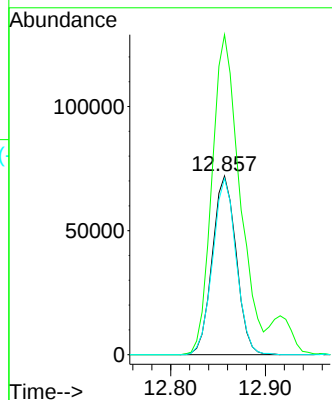
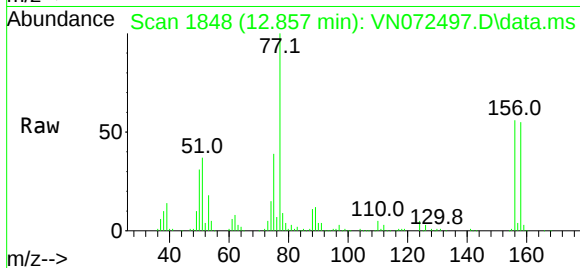




#73
Bromobenzene
Concen: 65.485 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

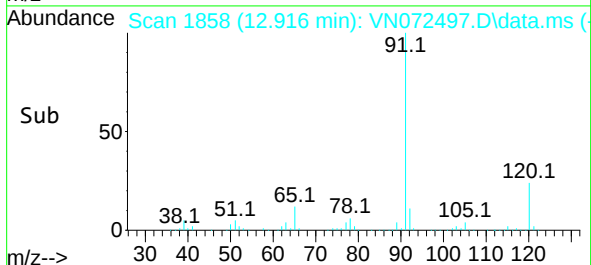
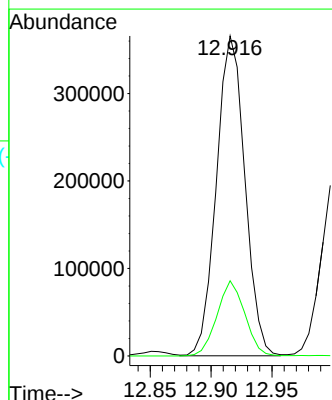
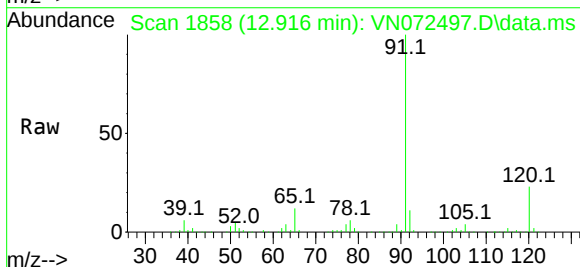
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ClientSampleId :
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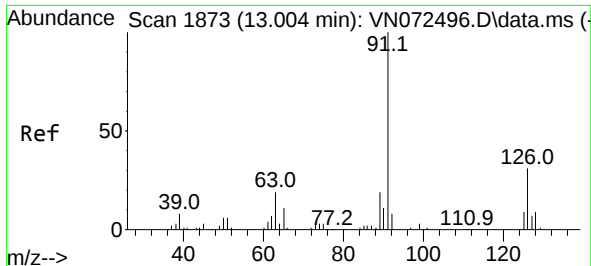
Tgt Ion:156 Resp: 125813
Ion Ratio Lower Upper
156 100
77 208.2 0.0 416.0
158 97.5 0.0 195.4



#74
n-propylbenzene
Concen: 69.497 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 91 Resp: 593745
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0

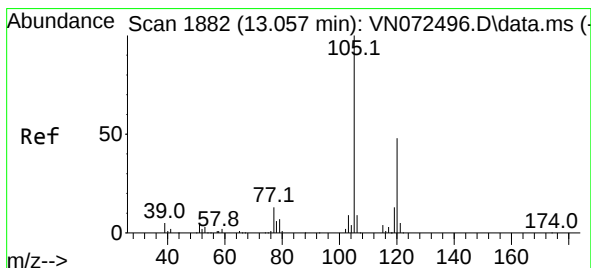
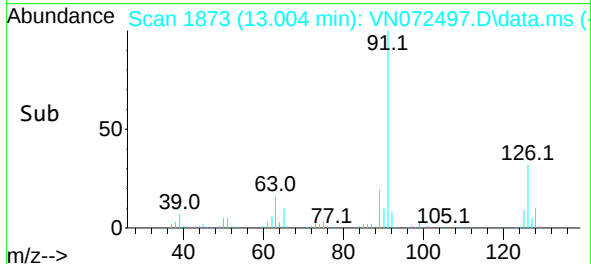
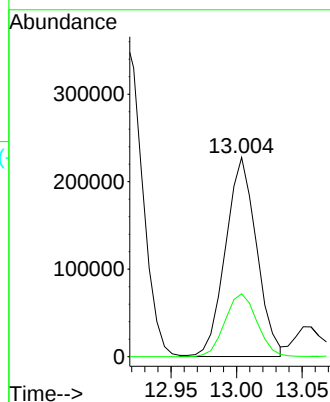
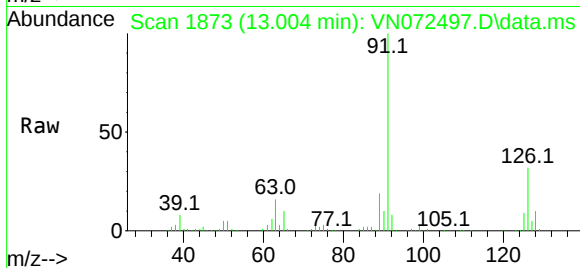




#75
2-Chlorotoluene
Concen: 68.254 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

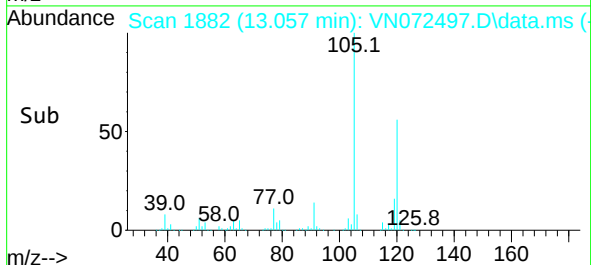
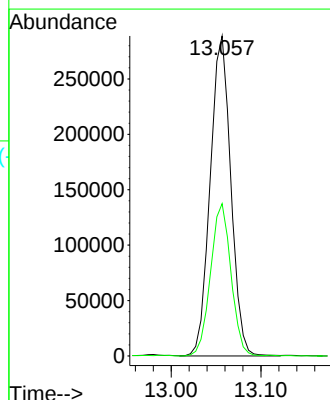
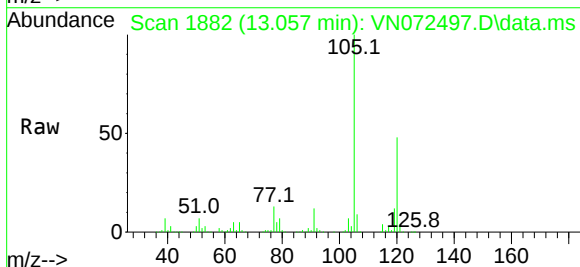
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ClientSampleId :
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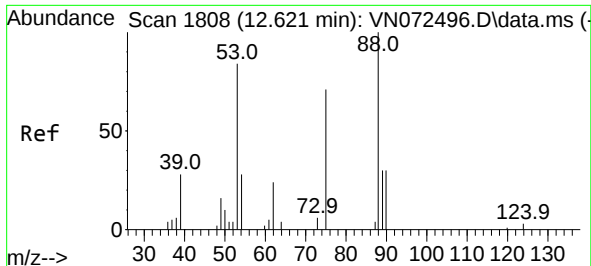
Tgt Ion: 91 Resp: 374809
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 71.483 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 105 Resp: 461131
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.8

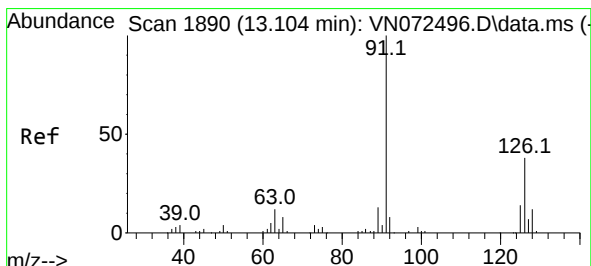
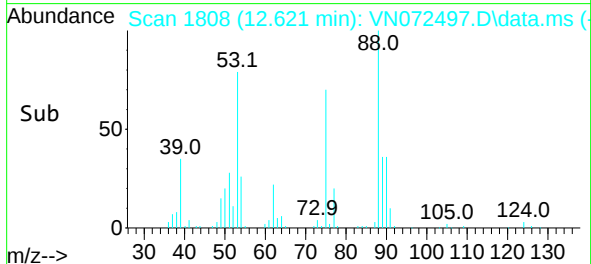
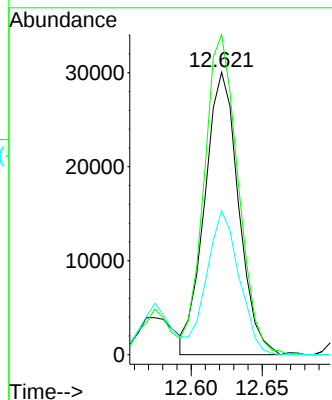
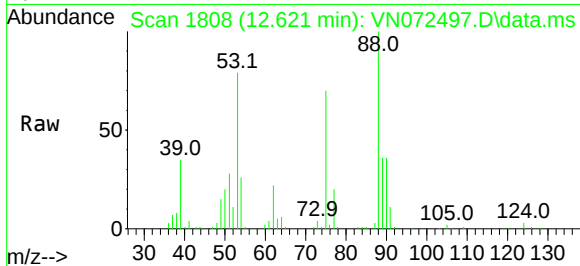




#77
t-1,4-Dichloro-2-butene
Concen: 66.846 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

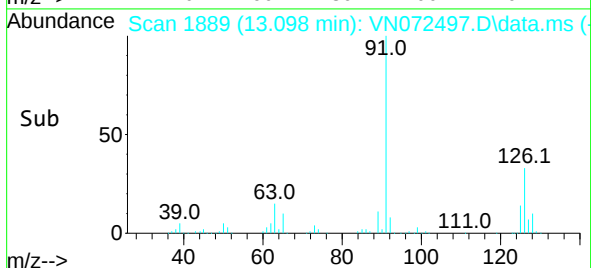
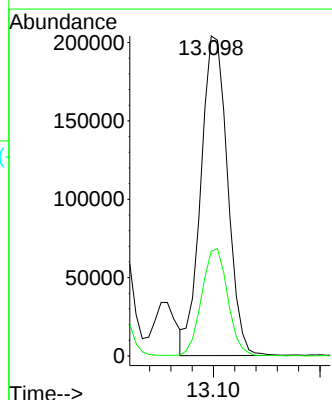
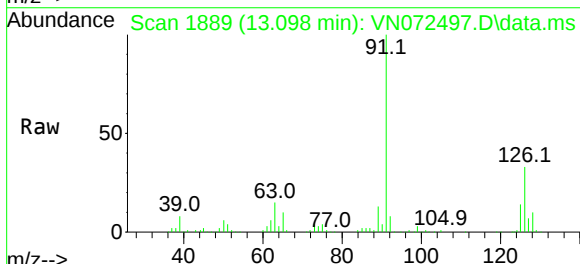
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

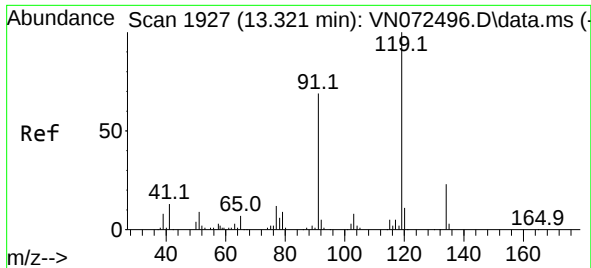
Tgt Ion: 75 Resp: 49943
Ion Ratio Lower Upper
75 100
53 112.0 51.8 155.5
89 50.9 22.9 68.7



#78
4-Chlorotoluene
Concen: 70.035 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 91 Resp: 355840
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6

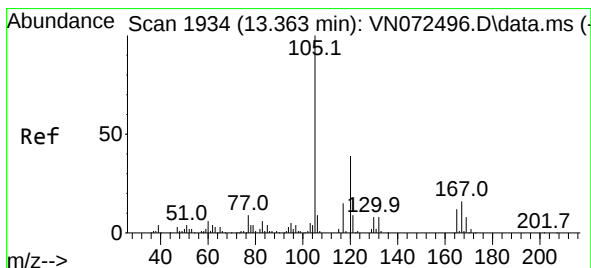
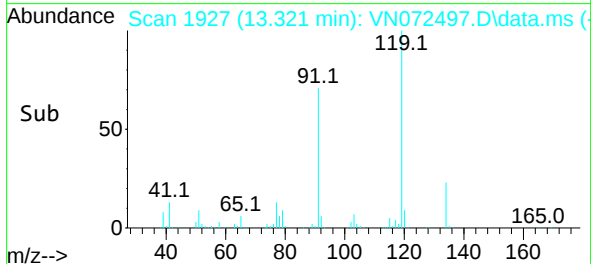
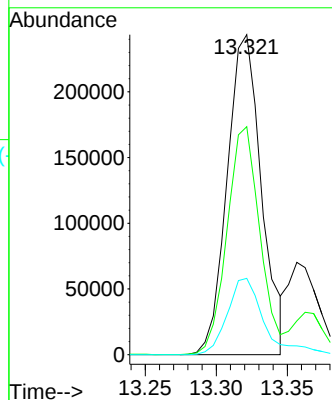
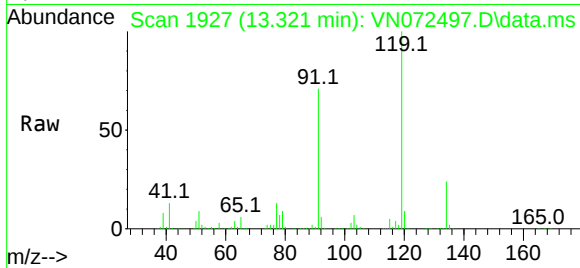




#79
tert-butylbenzene
Concen: 71.158 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

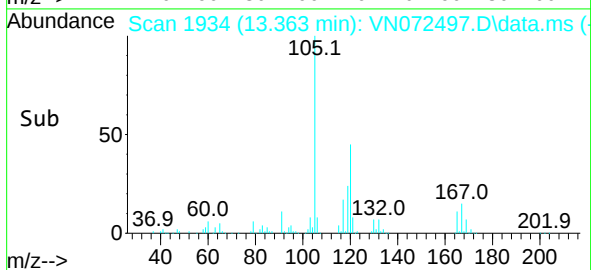
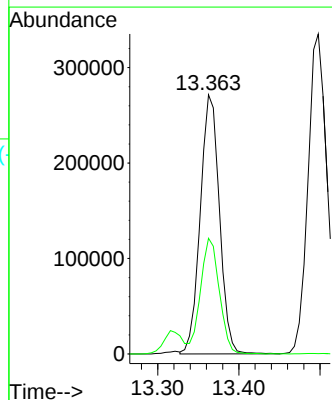
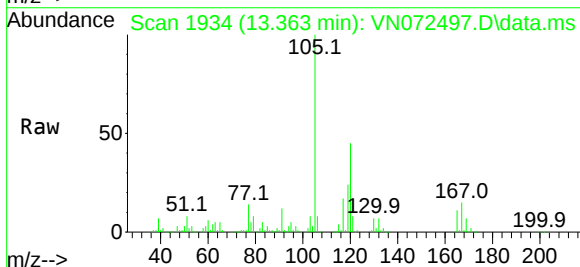
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VSTDIC050

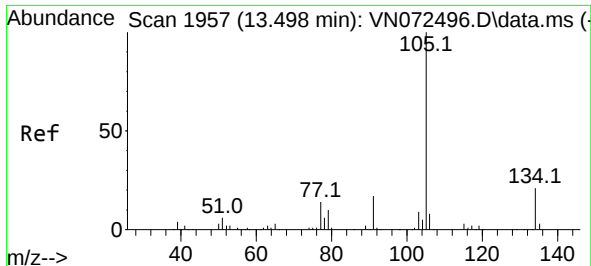
Tgt Ion:119 Resp: 410336
Ion Ratio Lower Upper
119 100
91 67.8 0.0 137.0
134 25.6 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 71.088 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:105 Resp: 446237
Ion Ratio Lower Upper
105 100
120 44.1 0.0 0.2#

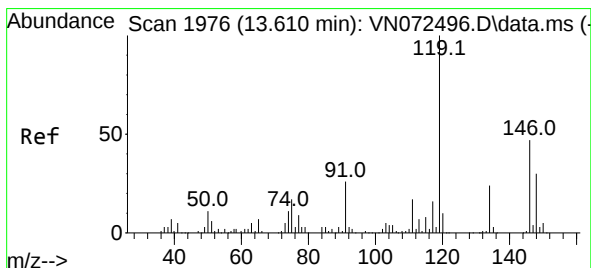
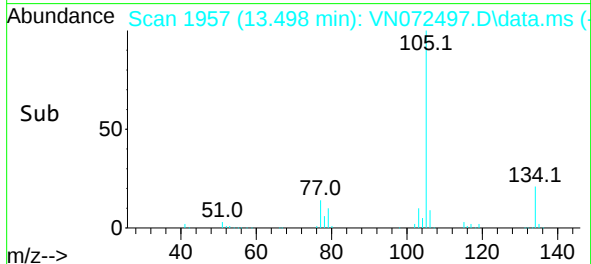
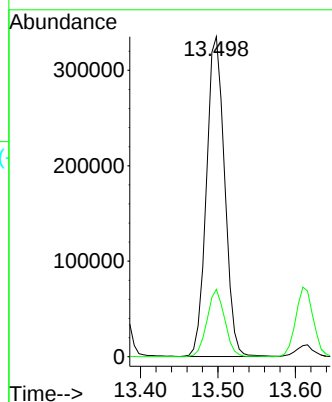
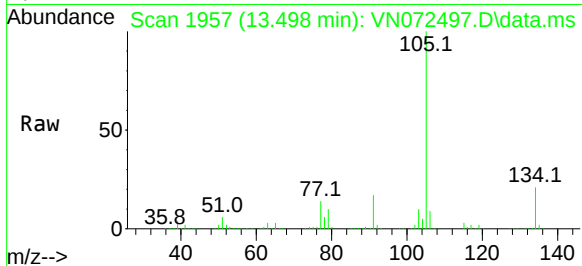




#81
 sec-Butylbenzene
 Concen: 70.992 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

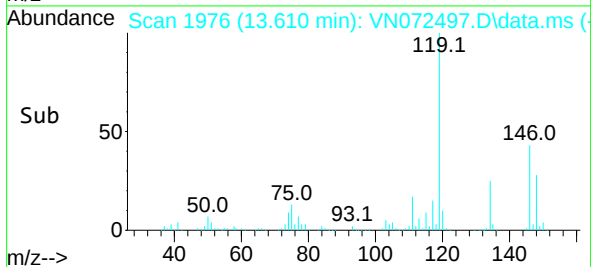
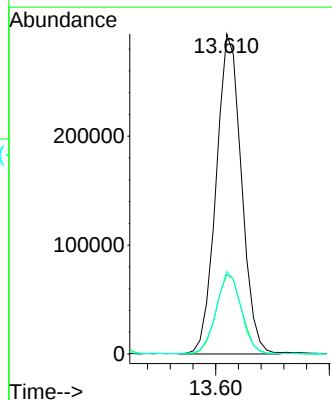
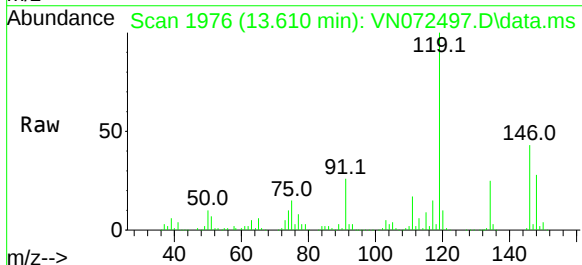
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

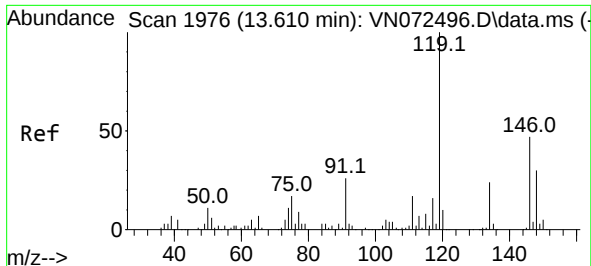
Tgt Ion:105 Resp: 545508
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 72.330 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

Tgt Ion:119 Resp: 454858
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 25.3 0.0 50.4

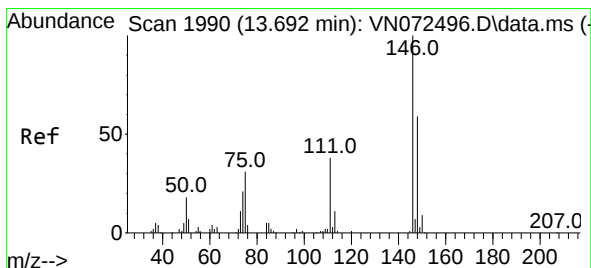
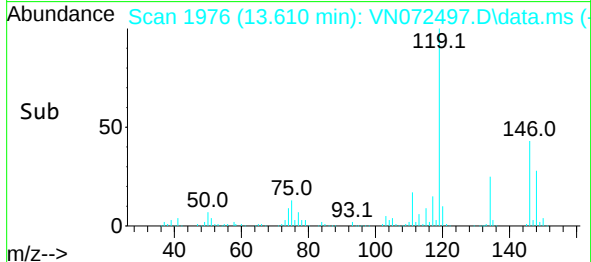
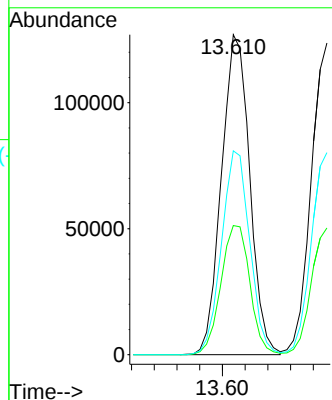
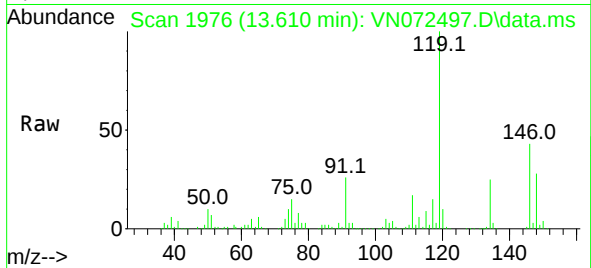




#83
1,3-Dichlorobenzene
Concen: 69.366 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

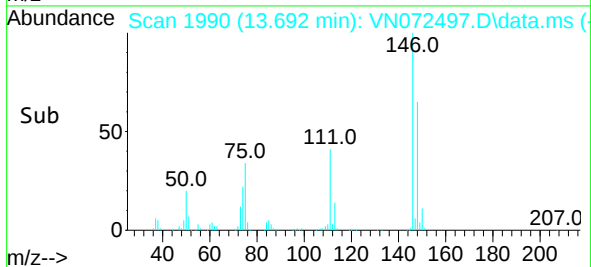
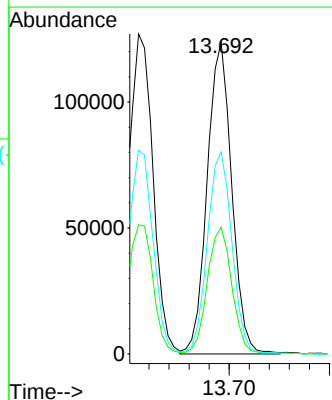
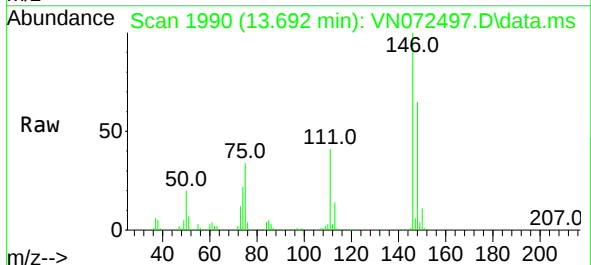
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

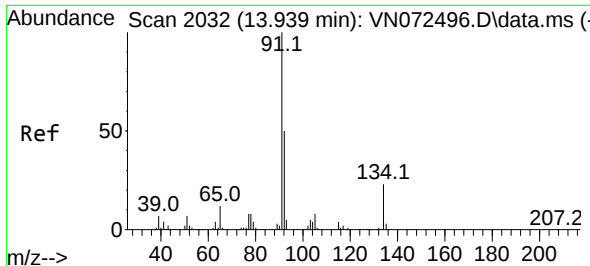
Tgt Ion:146 Resp: 219492
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 63.6 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 69.169 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion:146 Resp: 210252
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 64.1 31.1 93.5

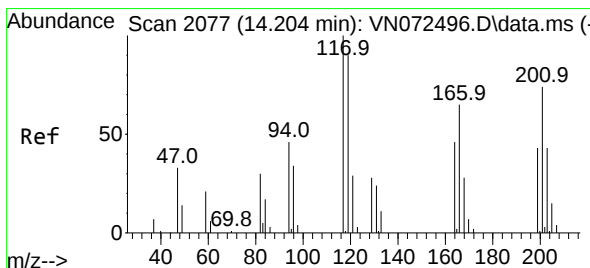
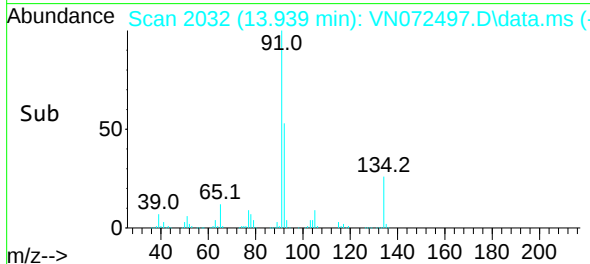
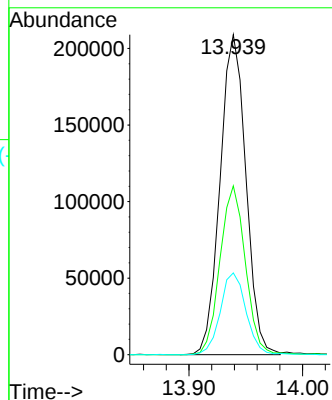
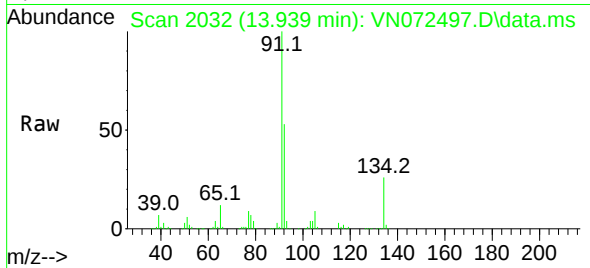




#85
n-Butylbenzene
Concen: 71.986 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

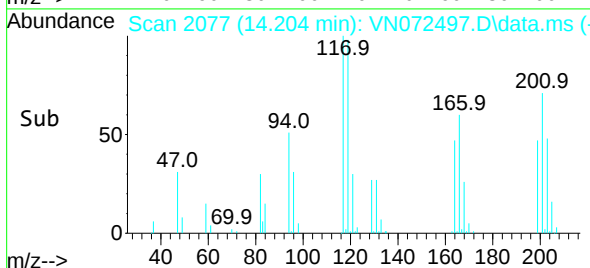
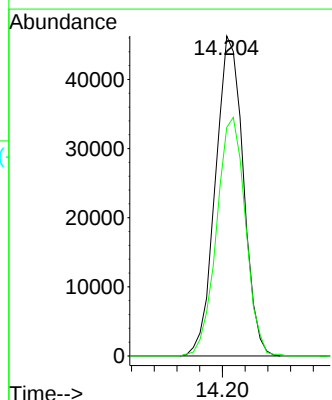
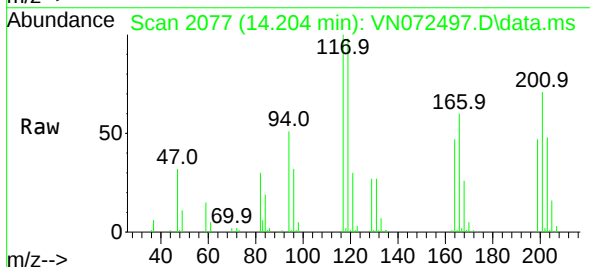
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

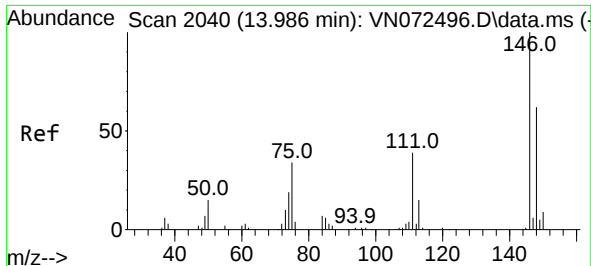
Tgt Ion: 91 Resp: 330078
Ion Ratio Lower Upper
91 100
92 51.9 0.0 100.6
134 25.4 0.0 50.2



#86
Hexachloroethane
Concen: 68.395 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072497.D
Acq: 16 May 2022 13:04

Tgt Ion: 117 Resp: 78705
Ion Ratio Lower Upper
117 100
201 77.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 70.211 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

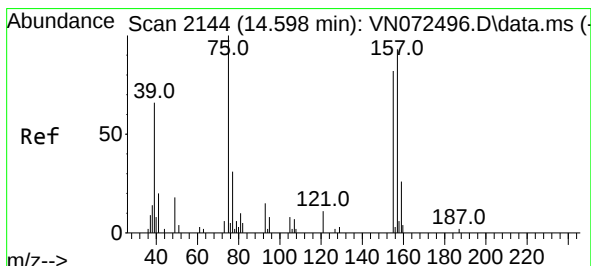
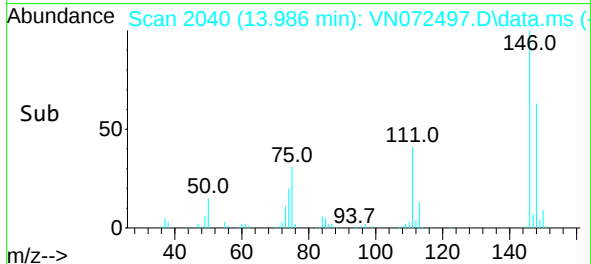
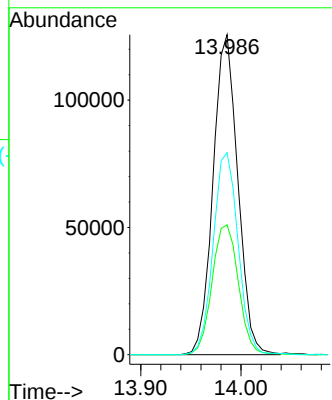
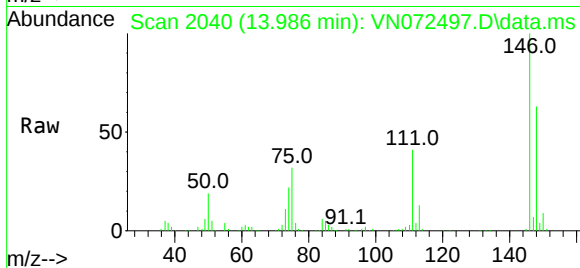
Tgt Ion:146 Resp: 215778

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.4 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 76.704 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

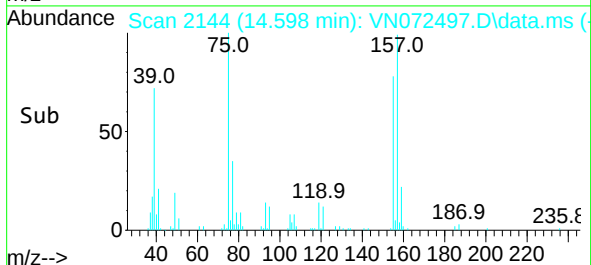
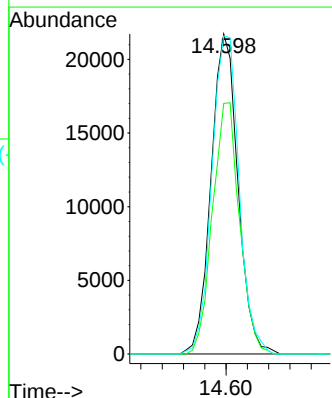
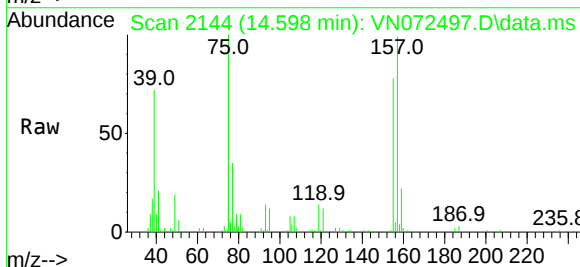
Tgt Ion: 75 Resp: 37993

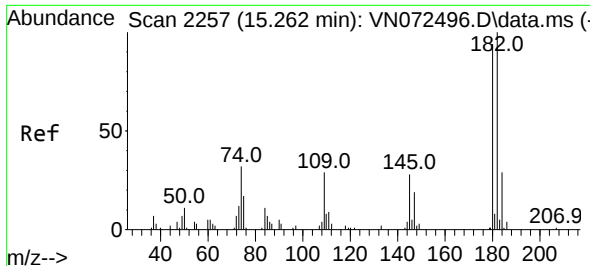
Ion Ratio Lower Upper

75 100

155 78.9 63.8 95.8

157 100.7 77.9 116.9

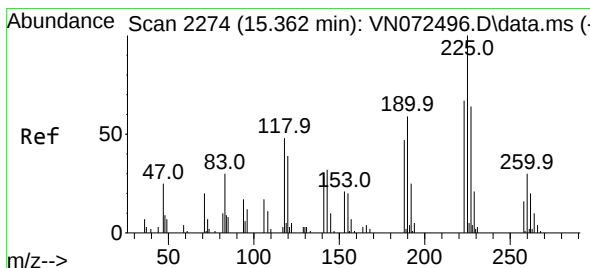
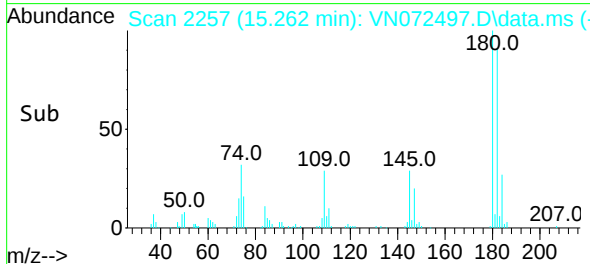
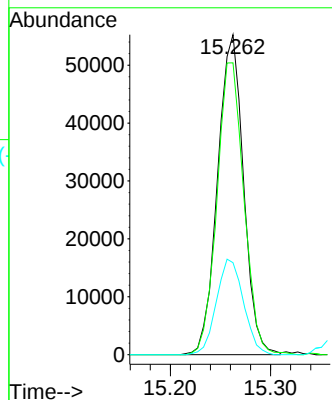
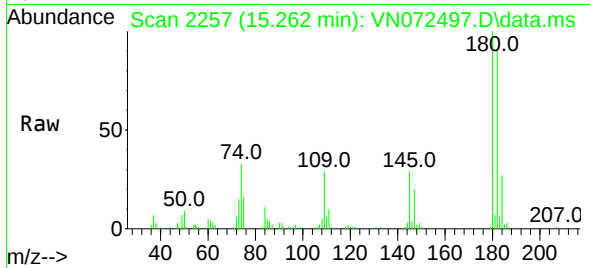




#89
 1,2,4-Trichlorobenzene
 Concen: 72.347 ug/l
 RT: 15.262 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

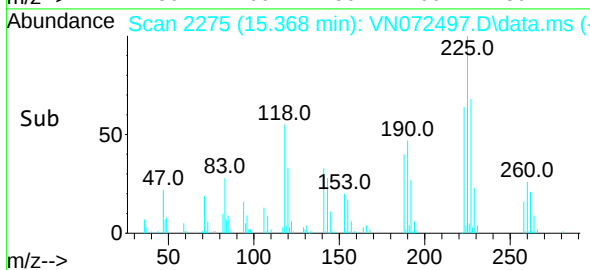
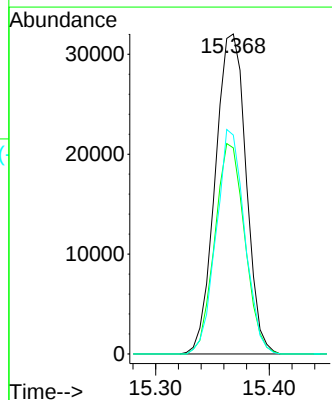
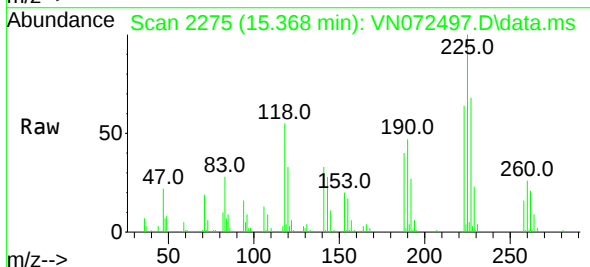
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

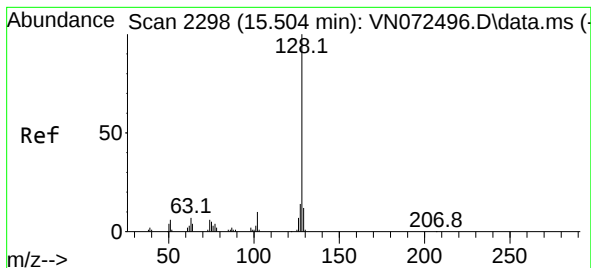
Tgt Ion:180 Resp: 99389
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.7 116.5
 145 31.1 26.6 39.8



#90
 Hexachlorobutadiene
 Concen: 70.612 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN072497.D
 Acq: 16 May 2022 13:04

Tgt Ion:225 Resp: 60358
 Ion Ratio Lower Upper
 225 100
 223 63.9 0.0 126.8
 227 64.8 0.0 123.0





#91

Naphthalene

Concen: 78.811 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

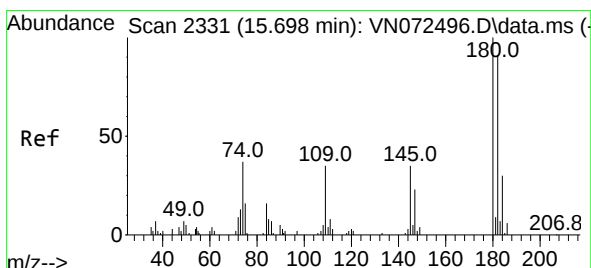
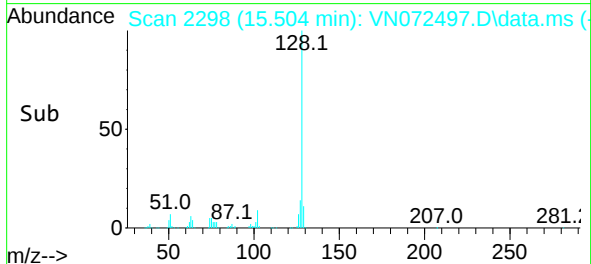
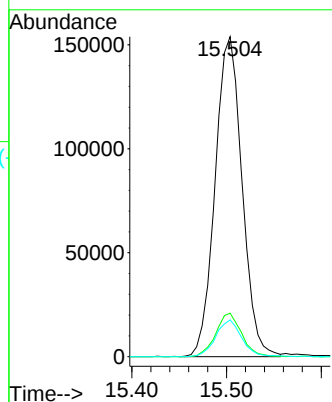
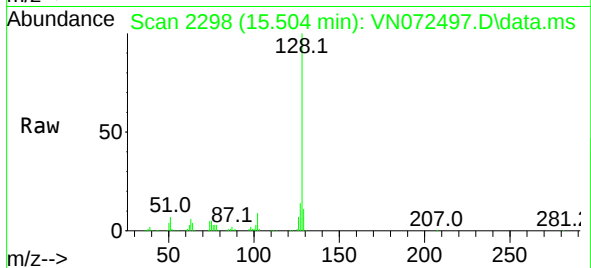
Tgt Ion:128 Resp: 304369

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 73.378 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072497.D

Acq: 16 May 2022 13:04

Tgt Ion:180 Resp: 100803

Ion Ratio Lower Upper

180 100

182 96.7 0.0 190.0

145 34.4 0.0 67.8

