

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071439.D
 Acq On : 22 Mar 2022 00:31
 Operator : JC\MD
 Sample : VN0321WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS02

Quant Time: Mar 22 06:27:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	672430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1103481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	975059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	371788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	455930	49.472	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.940%
35) Dibromofluoromethane	8.016	113	340724	48.931	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.860%
50) Toluene-d8	10.439	98	1344999	47.973	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.727	95	440981	46.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	113575	15.411	ug/l	98
3) Chloromethane	2.299	50	162865	16.438	ug/l	100
4) Vinyl Chloride	2.440	62	150062	16.615	ug/l	96
5) Bromomethane	2.834	94	79124	15.496	ug/l	95
6) Chloroethane	3.004	64	101139	18.492	ug/l	97
7) Trichlorofluoromethane	3.363	101	205791	17.312	ug/l	97
8) Diethyl Ether	3.822	74	96016	18.875	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	121784	17.697	ug/l	95
10) Methyl Iodide	4.416	142	157670	16.222	ug/l	99
11) Tert butyl alcohol	5.369	59	184793	102.071	ug/l	100
12) 1,1-Dichloroethene	4.175	96	118990	17.651	ug/l	90
13) Acrolein	4.034	56	97515	50.889	ug/l	97
14) Allyl chloride	4.840	41	250676	17.097	ug/l #	85
15) Acrylonitrile	5.551	53	505996	94.126	ug/l	99
16) Acetone	4.281	43	449699	100.286	ug/l	94
17) Carbon Disulfide	4.522	76	269610	14.048	ug/l	96
18) Methyl Acetate	4.851	43	254131	21.374	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	473612	18.712	ug/l	95
20) Methylene Chloride	5.098	84	148145	18.320	ug/l	89
21) trans-1,2-Dichloroethene	5.592	96	123876	16.800	ug/l	92
22) Diisopropyl ether	6.492	45	532926	18.449	ug/l	92
23) Vinyl Acetate	6.428	43	2291905	93.722	ug/l	99
24) 1,1-Dichloroethane	6.386	63	269950	17.686	ug/l	99
25) 2-Butanone	7.328	43	716774	99.229	ug/l	96
26) 2,2-Dichloropropane	7.322	77	186020	15.797	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	152926	17.474	ug/l	90
28) Bromochloromethane	7.651	49	99951	14.705	ug/l #	80
29) Tetrahydrofuran	7.681	42	490456	98.008	ug/l	92
30) Chloroform	7.816	83	264801	18.189	ug/l	98
31) Cyclohexane	8.092	56	244873	16.639	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	225979	18.223	ug/l	97
36) 1,1-Dichloropropene	8.216	75	184880	16.571	ug/l	96
37) Ethyl Acetate	7.410	43	278154	18.115	ug/l	98
38) Carbon Tetrachloride	8.204	117	188601	17.477	ug/l	98
39) Methylcyclohexane	9.457	83	219639	16.734	ug/l	94
40) Benzene	8.457	78	595822	17.725	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	147301	19.603	ug/l #	88
42) 1,2-Dichloroethane	8.527	62	215672	18.438	ug/l	99
43) Isopropyl Acetate	8.557	43	444545	19.361	ug/l	95
44) Trichloroethene	9.210	130	136510	17.211	ug/l	96
45) 1,2-Dichloropropane	9.486	63	161289	17.874	ug/l	98
46) Dibromomethane	9.575	93	99962	17.998	ug/l	95
47) Bromodichloromethane	9.757	83	202241	18.019	ug/l	99
48) Methyl methacrylate	9.557	41	200940	18.884	ug/l #	83
49) 1,4-Dioxane	9.563	88	78779	425.928	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	1422226	99.806	ug/l	100
52) Toluene	10.504	92	367898	17.774	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	210479	17.012	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	234891	17.375	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	154207	18.592	ug/l	99
56) Ethyl methacrylate	10.757	69	255905	18.893	ug/l	93
57) 1,3-Dichloropropane	11.039	76	271459	18.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	243329	103.839	ug/l	95
59) 2-Hexanone	11.080	43	1037507	106.708	ug/l	99
60) Dibromochloromethane	11.233	129	152481	18.502	ug/l	99
61) 1,2-Dibromoethane	11.339	107	152030	17.934	ug/l	98
64) Tetrachloroethene	10.974	164	119114	17.516	ug/l	98
65) Chlorobenzene	11.768	112	388890	18.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	146295	19.053	ug/l	98
67) Ethyl Benzene	11.839	91	688466	18.595	ug/l	98
68) m/p-Xylenes	11.951	106	518289	38.265	ug/l	100
69) o-Xylene	12.274	106	255834	18.843	ug/l	95
70) Styrene	12.292	104	404353	19.240	ug/l	97
71) Bromoform	12.457	173	112801	19.345	ug/l #	99
73) Isopropylbenzene	12.574	105	666200	18.588	ug/l	100
74) N-amyl acetate	12.386	43	283632	21.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	246984	21.742	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	296015	31.825	ug/l	66
77) Bromobenzene	12.857	156	153489	18.366	ug/l	78
78) n-propylbenzene	12.915	91	717674	18.661	ug/l	97
79) 2-Chlorotoluene	13.004	91	457730	18.541	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	538694	19.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65305	18.988	ug/l	92
82) 4-Chlorotoluene	13.098	91	412942	18.779	ug/l	93
83) tert-Butylbenzene	13.321	119	479765	19.280	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	522335	19.557	ug/l	99
85) sec-Butylbenzene	13.498	105	628365	18.998	ug/l	99
86) p-Isopropyltoluene	13.610	119	499624	19.208	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	245814	18.102	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	237727	17.910	ug/l	96
89) n-Butylbenzene	13.939	91	364322	17.908	ug/l	96
90) Hexachloroethane	14.204	117	94259	18.222	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	247537	18.961	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43431	20.827	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	106136	19.367	ug/l	97
94) Hexachlorobutadiene	15.368	225	69429	18.944	ug/l	94
95) Naphthalene	15.504	128	320843	21.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	108428	20.293	ug/l	99

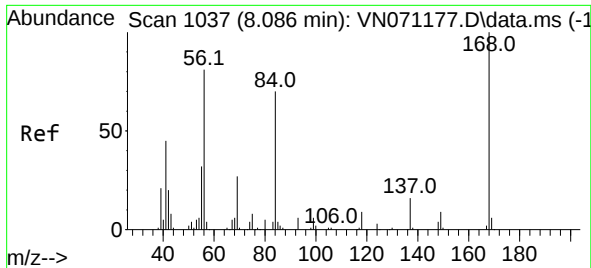
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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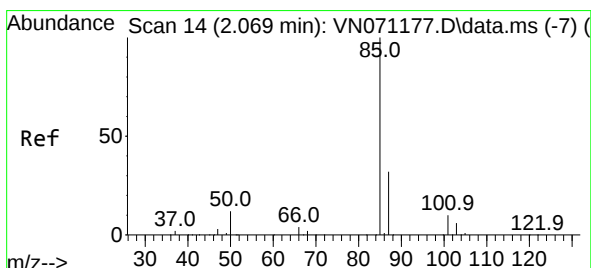
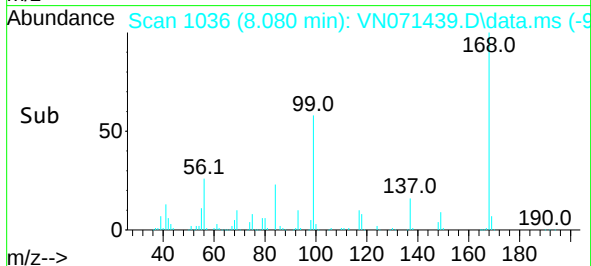
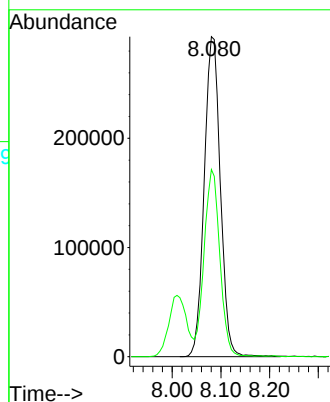
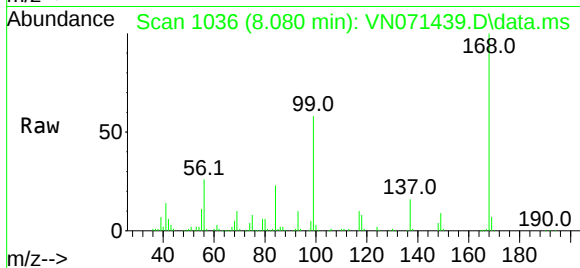
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

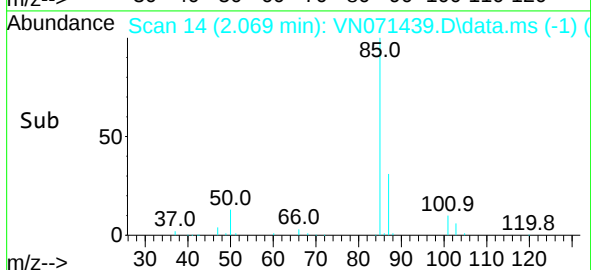
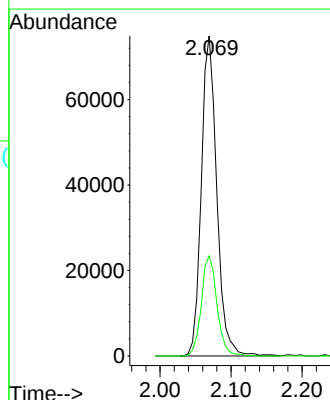
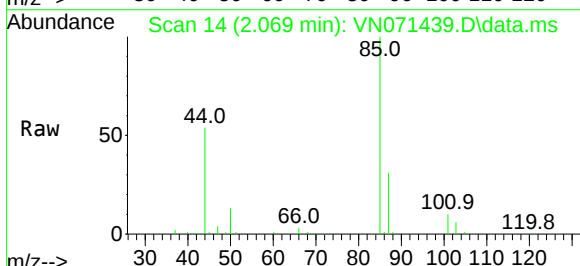
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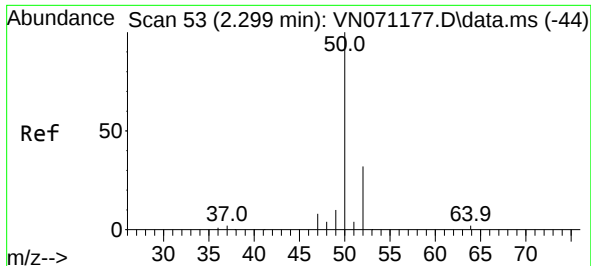
Tgt Ion:168 Resp: 672430
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 15.411 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 85 Resp: 113575
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9

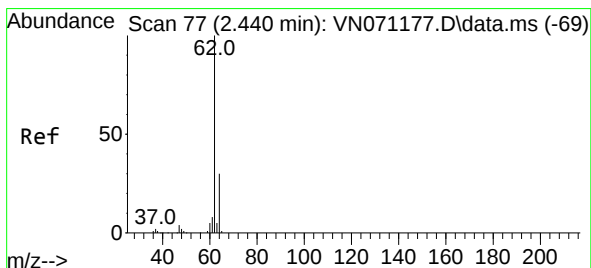
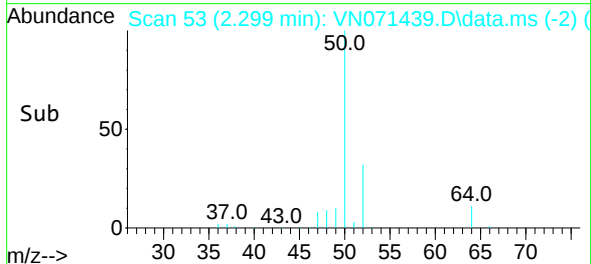
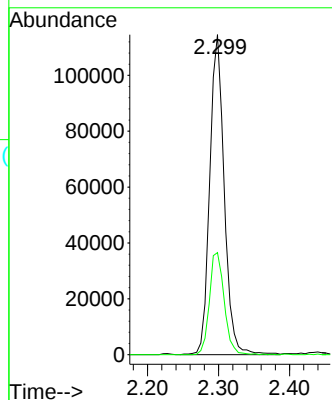
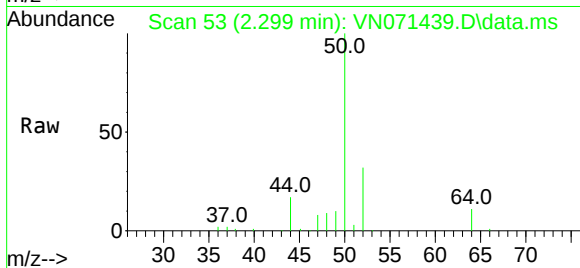




#3
Chloromethane
Concen: 16.438 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

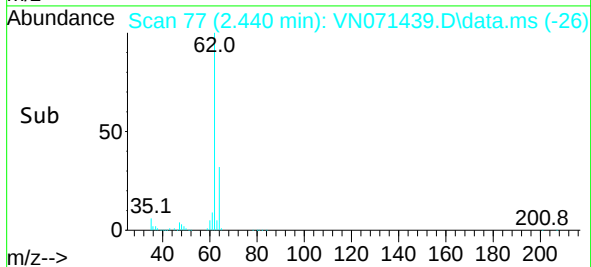
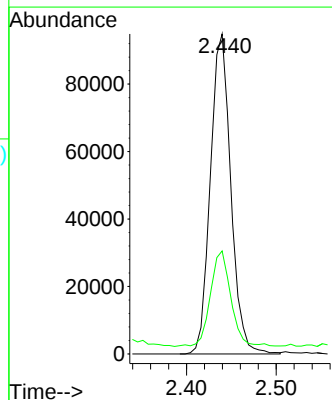
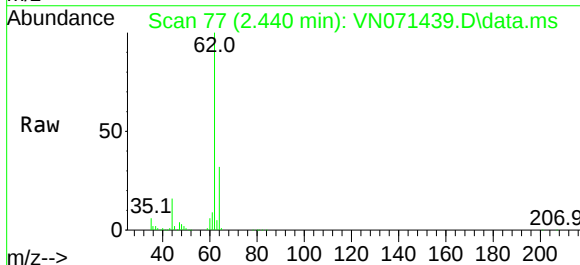
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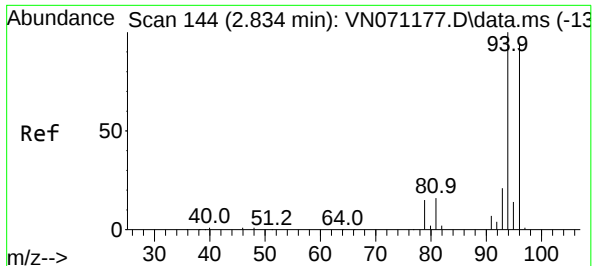
Tgt Ion: 50 Resp: 162865
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0



#4
Vinyl Chloride
Concen: 16.615 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 62 Resp: 150062
Ion Ratio Lower Upper
62 100
64 29.7 25.8 38.6

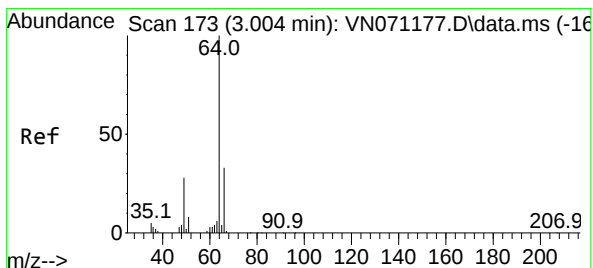
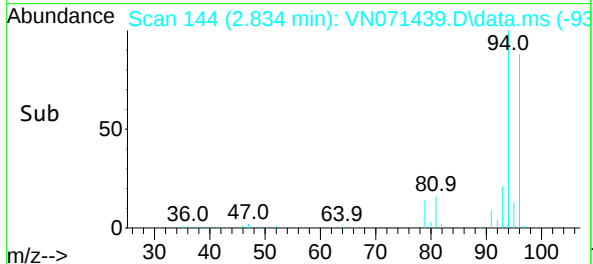
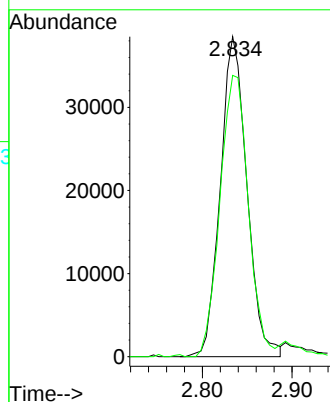
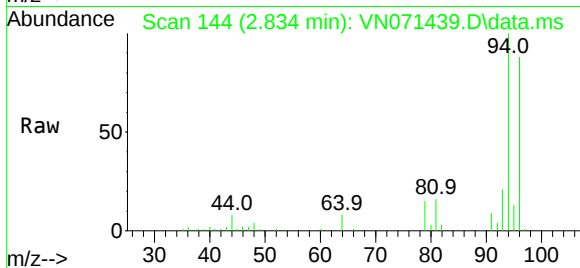




#5
Bromomethane
Concen: 15.496 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

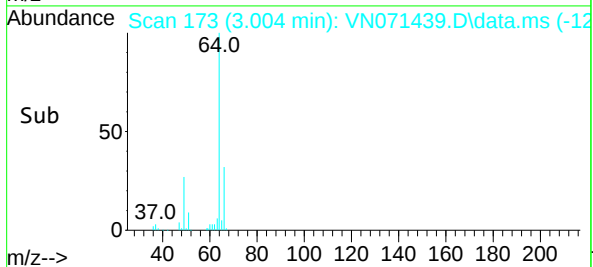
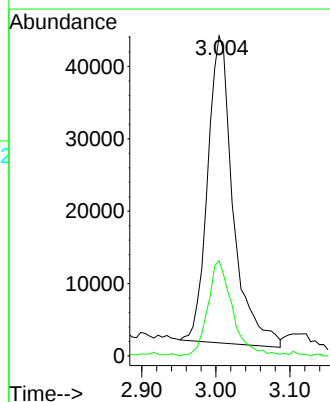
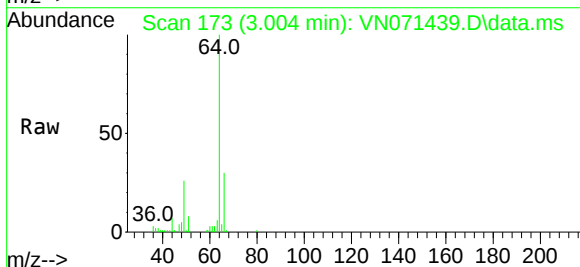
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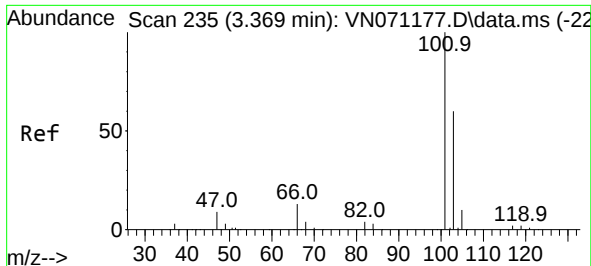
Tgt Ion: 94 Resp: 79124
Ion Ratio Lower Upper
94 100
96 87.3 73.8 110.8



#6
Chloroethane
Concen: 18.492 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 64 Resp: 101139
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5

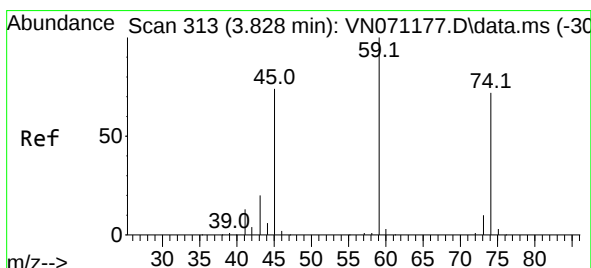
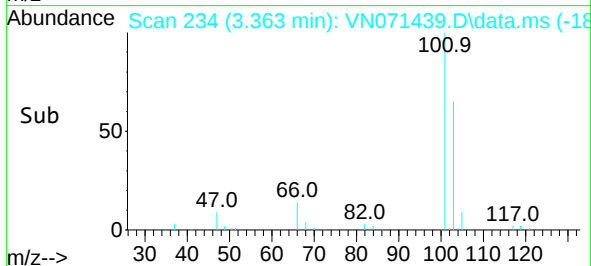
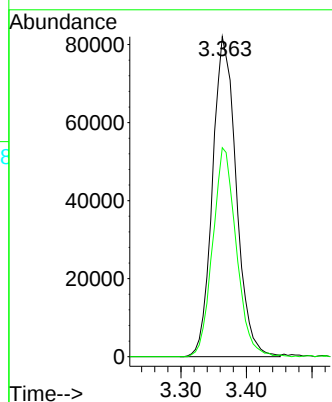
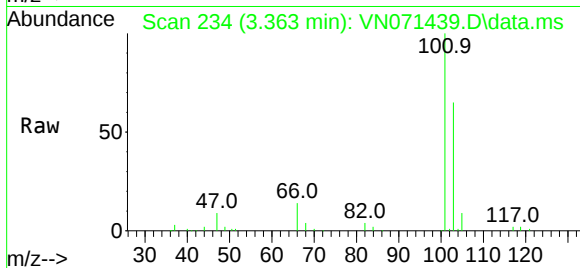




#7
 Trichlorofluoromethane
 Concen: 17.312 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

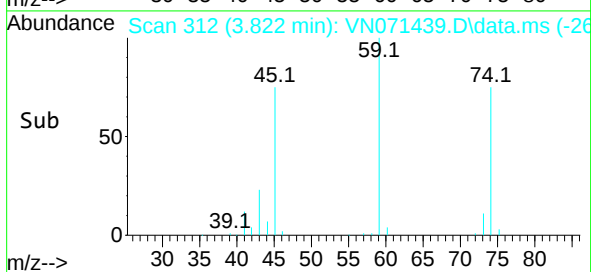
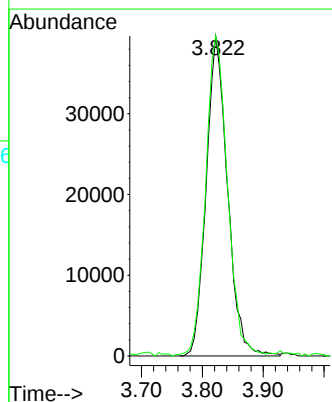
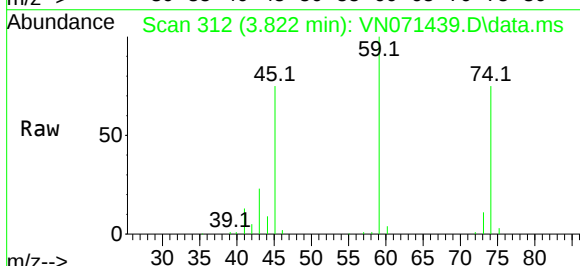
Instrument :
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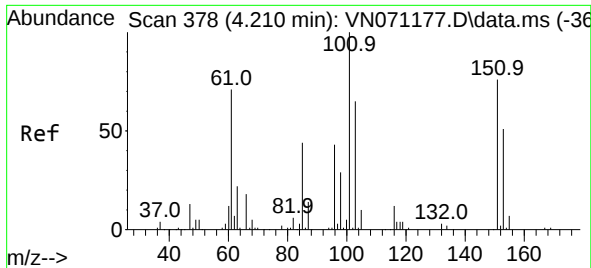
Tgt Ion:101 Resp: 205791
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.875 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

Tgt Ion: 74 Resp: 96016
 Ion Ratio Lower Upper
 74 100
 45 103.4 47.0 141.2

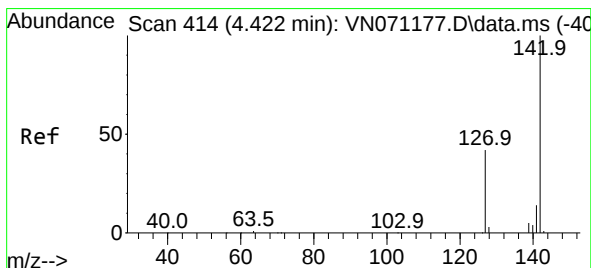
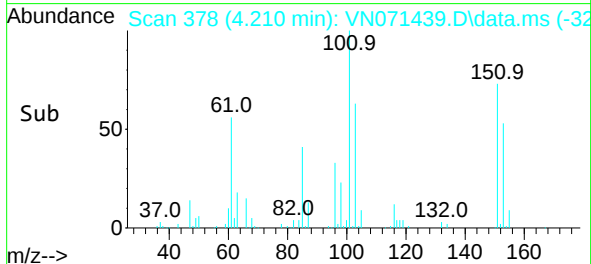
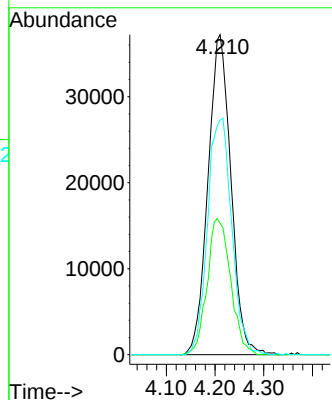
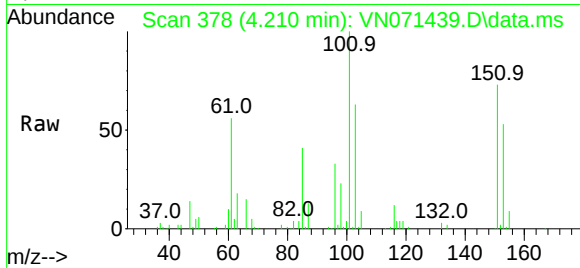




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.697 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

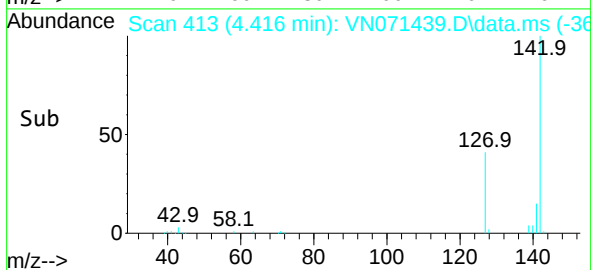
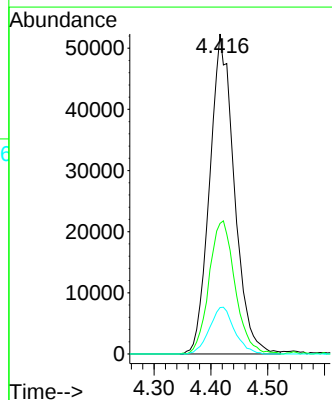
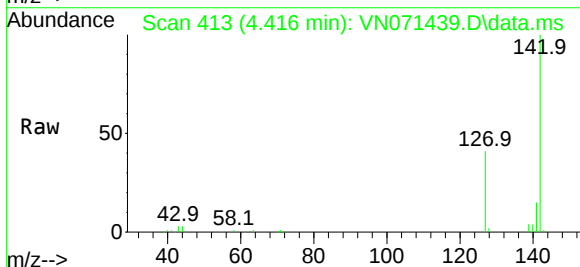
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

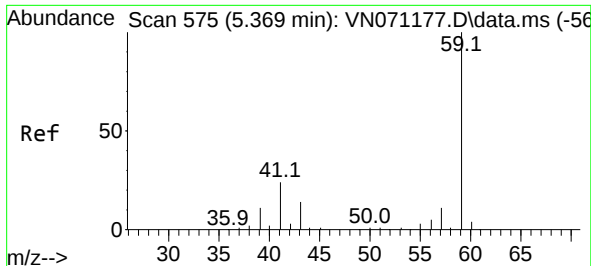
Tgt Ion:101 Resp: 121784
Ion Ratio Lower Upper
101 100
85 43.5 37.2 55.8
151 78.0 65.9 98.9



#10
Methyl Iodide
Concen: 16.222 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion:142 Resp: 157670
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.8 11.6 17.4

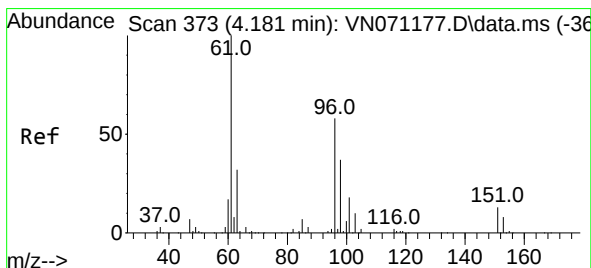
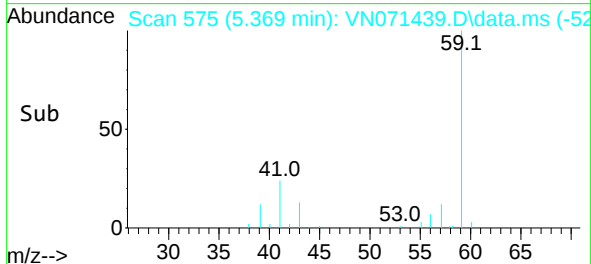
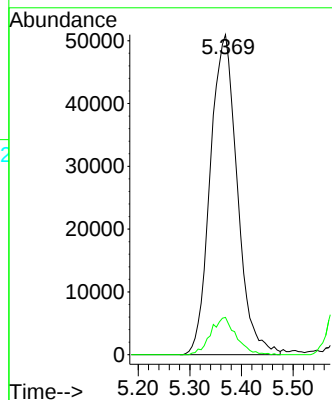
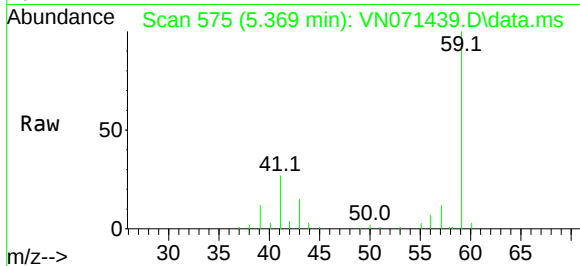




#11
Tert butyl alcohol
Concen: 102.071 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

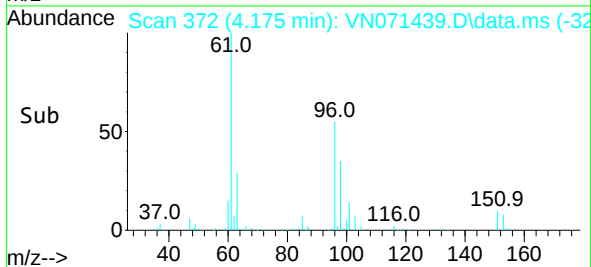
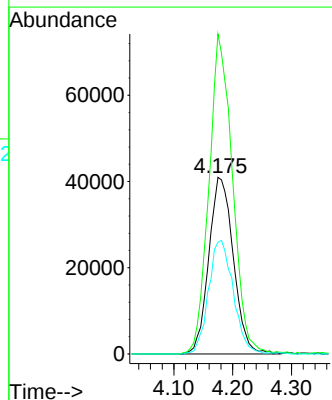
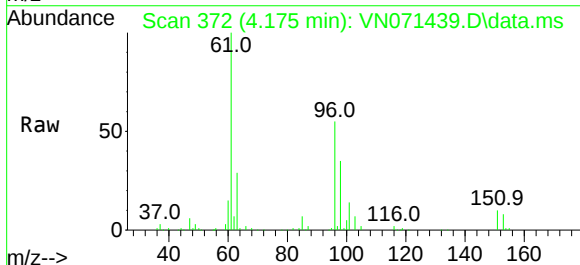
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

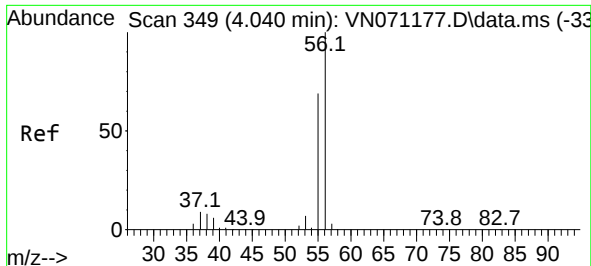
Tgt Ion: 59 Resp: 184793
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 17.651 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 96 Resp: 118990
Ion Ratio Lower Upper
96 100
61 181.2 131.0 196.6
98 63.3 52.4 78.6

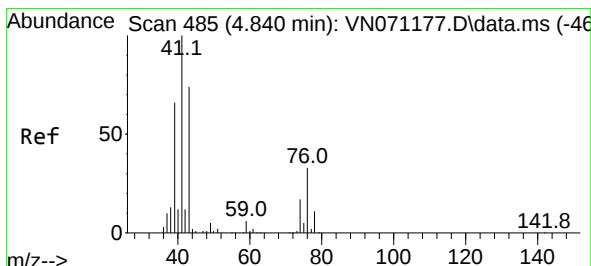
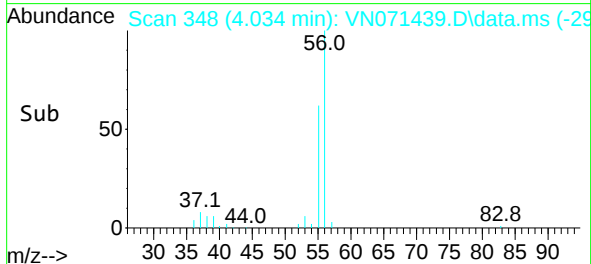
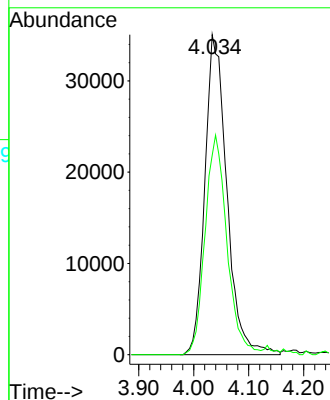
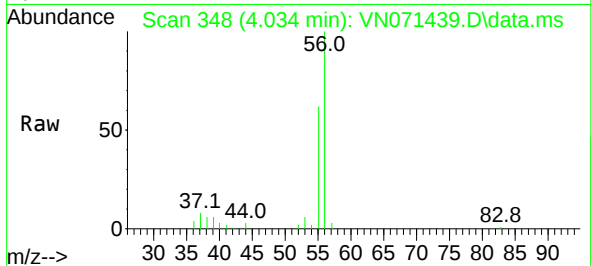




#13
Acrolein
Concen: 50.889 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

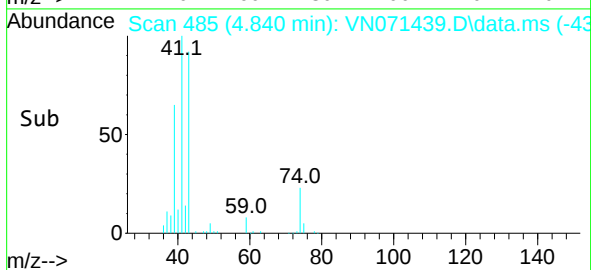
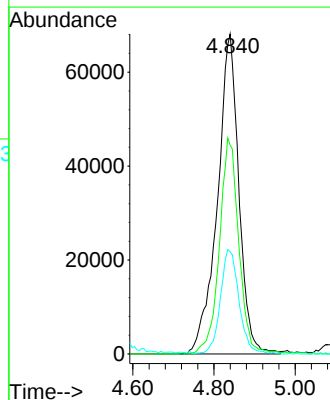
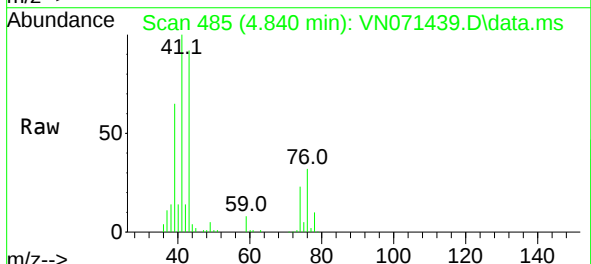
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

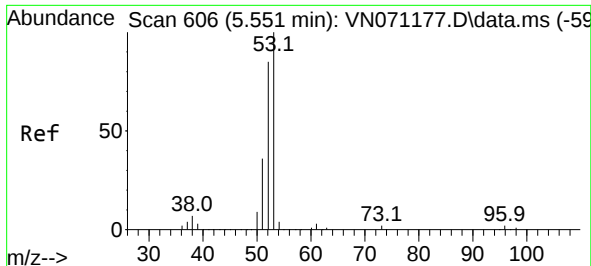
Tgt Ion: 56 Resp: 97515
Ion Ratio Lower Upper
56 100
55 68.3 56.6 85.0



#14
Allyl chloride
Concen: 17.097 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 41 Resp: 250676
Ion Ratio Lower Upper
41 100
39 61.1 61.2 91.8#
76 28.4 26.0 39.0

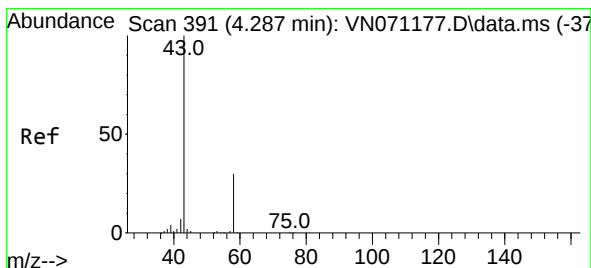
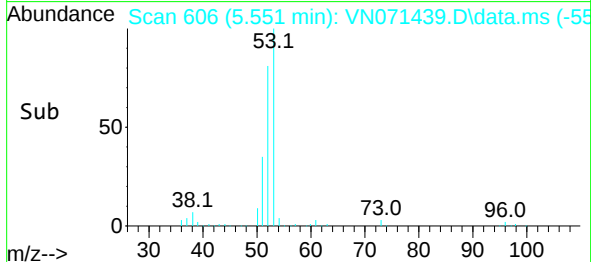
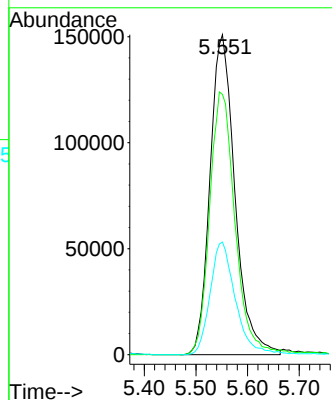
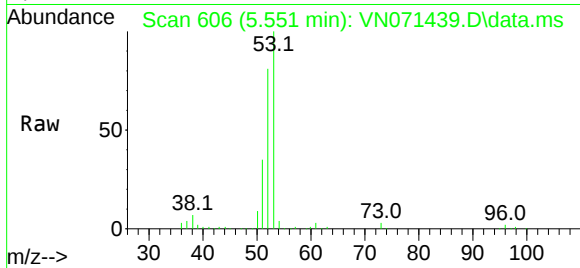




#15
Acrylonitrile
Concen: 94.126 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

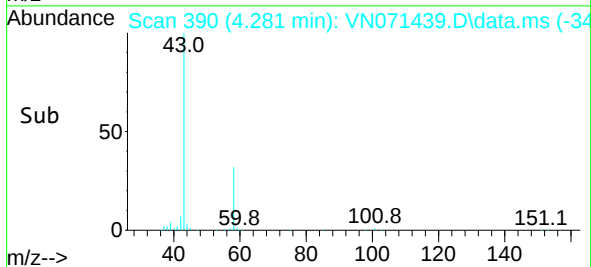
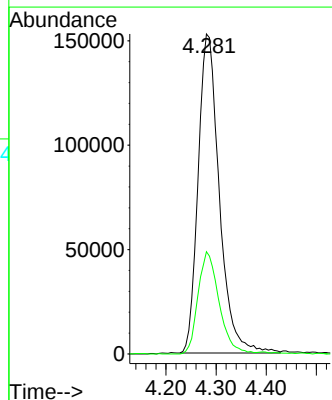
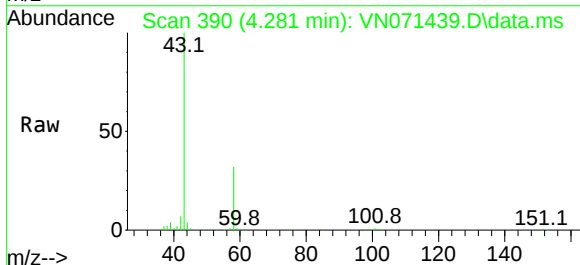
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

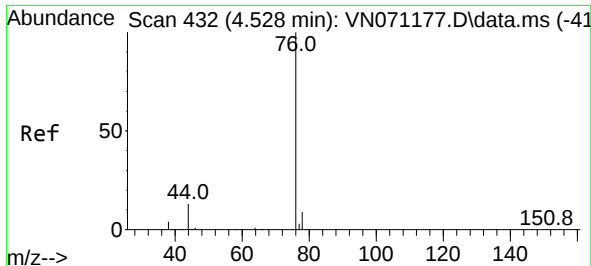
Tgt Ion: 53 Resp: 505996
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.9 29.6 44.4



#16
Acetone
Concen: 100.286 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 43 Resp: 449699
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7

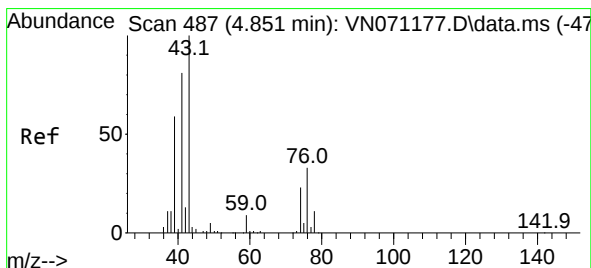
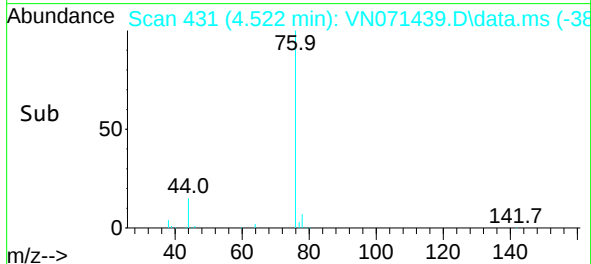
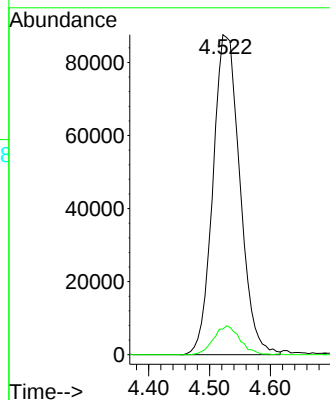
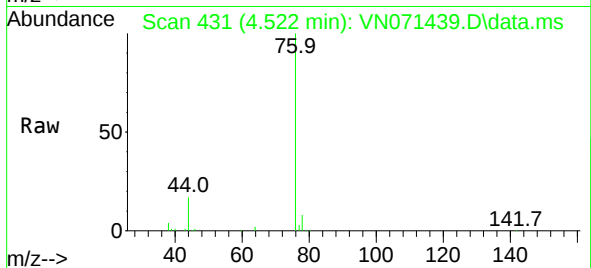




#17
Carbon Disulfide
Concen: 14.048 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

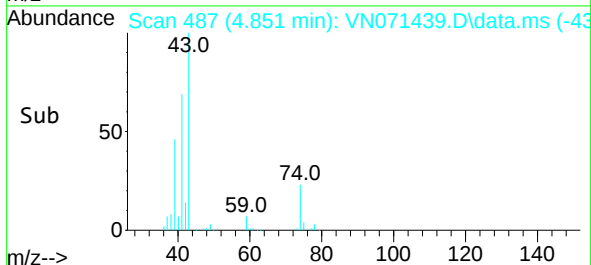
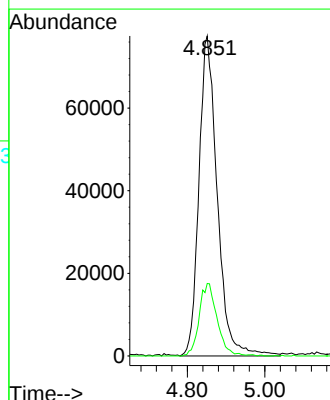
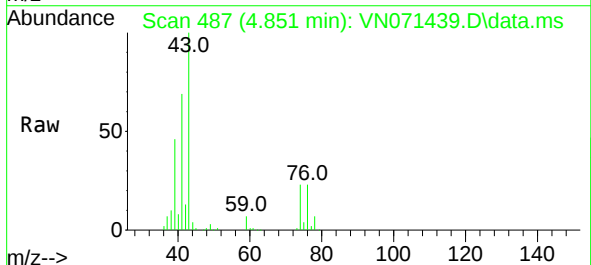
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

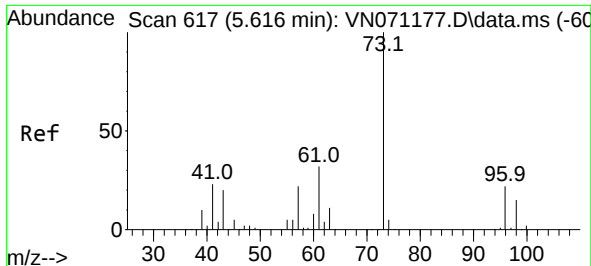
Tgt Ion: 76 Resp: 269610
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 21.374 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 43 Resp: 254131
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 18.712 ug/l

RT: 5.610 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

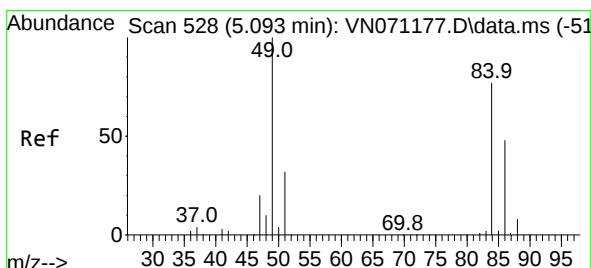
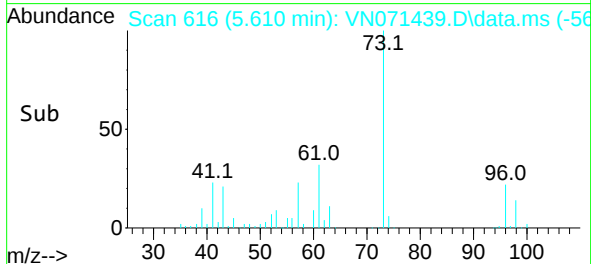
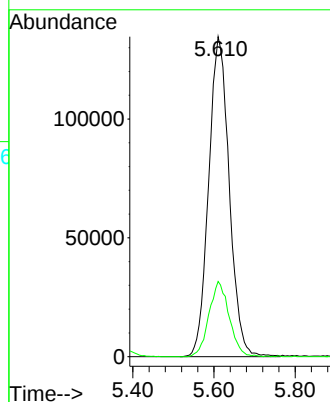
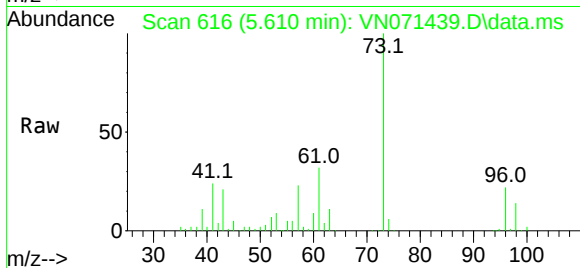
VN0321WBS02

Tgt Ion: 73 Resp: 473612

Ion Ratio Lower Upper

73 100

57 23.5 16.8 25.2



#20

Methylene Chloride

Concen: 18.320 ug/l

RT: 5.098 min Scan# 529

Delta R.T. 0.005 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Tgt Ion: 84 Resp: 148145

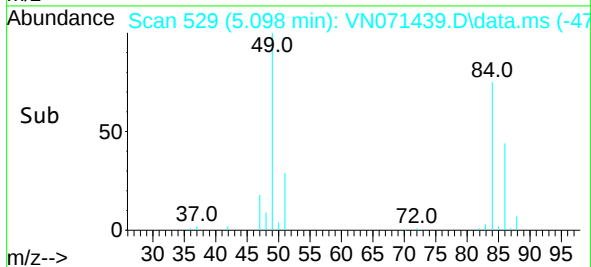
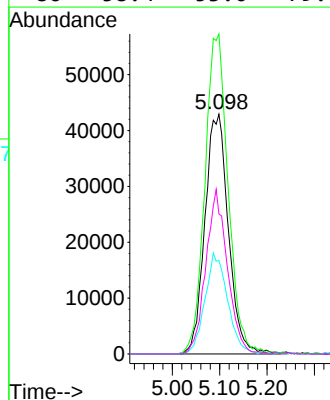
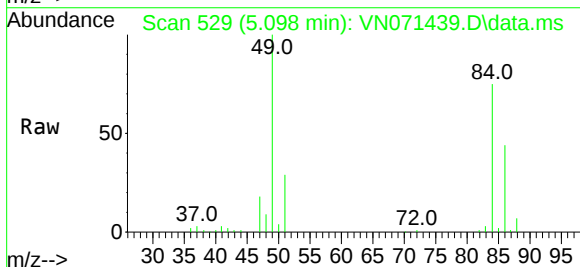
Ion Ratio Lower Upper

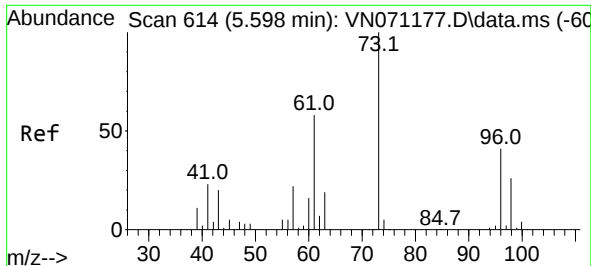
84 100

49 133.1 93.5 140.3

51 39.1 29.4 44.2

86 58.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 16.800 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

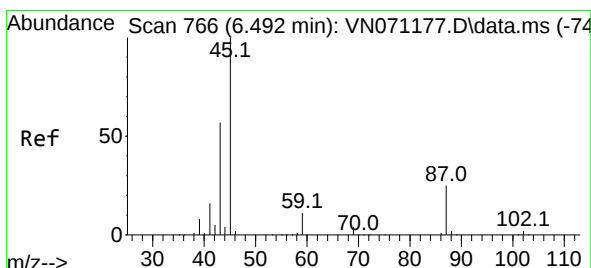
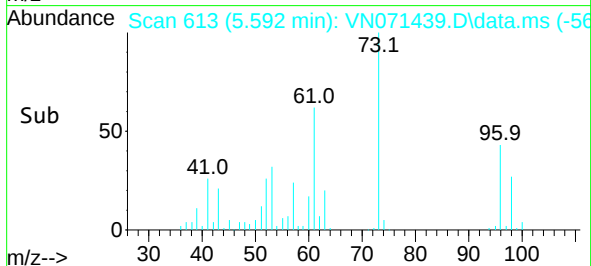
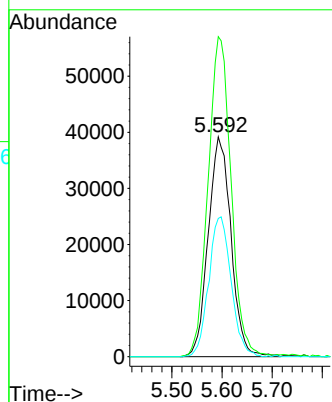
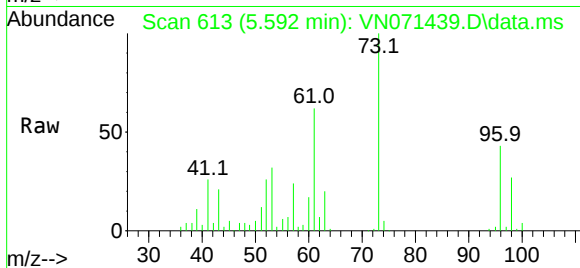
Tgt Ion: 96 Resp: 123876

Ion Ratio Lower Upper

96 100

61 145.5 105.8 158.6

98 62.9 52.0 78.0



#22

Diisopropyl ether

Concen: 18.449 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Tgt Ion: 45 Resp: 532926

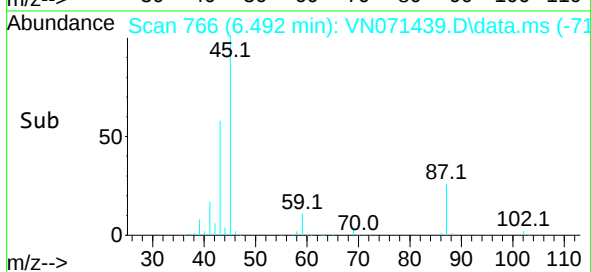
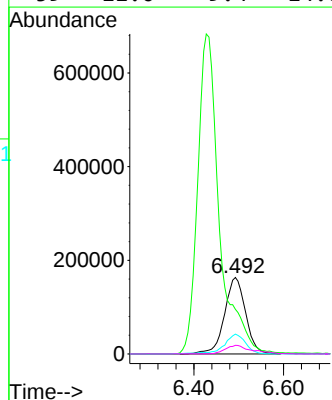
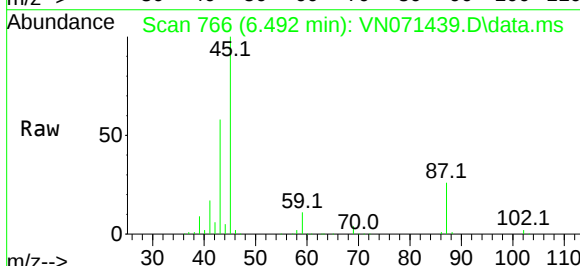
Ion Ratio Lower Upper

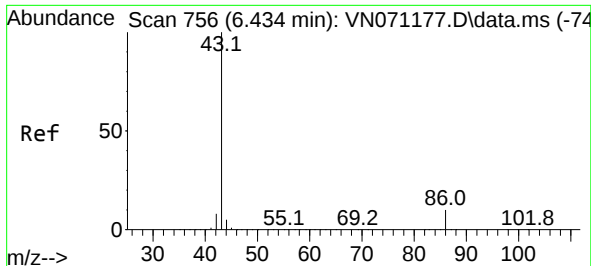
45 100

43 56.8 51.7 77.5

87 25.7 23.2 34.8

59 11.0 9.4 14.0

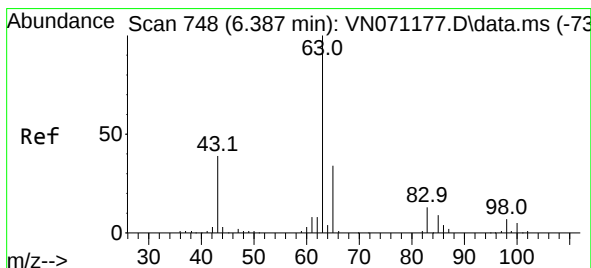
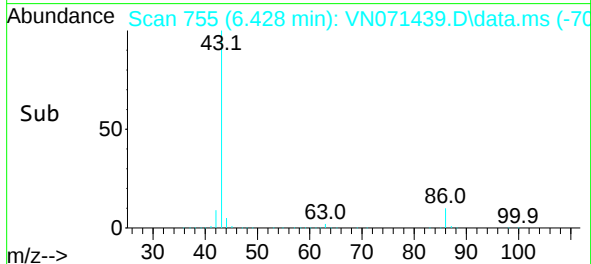
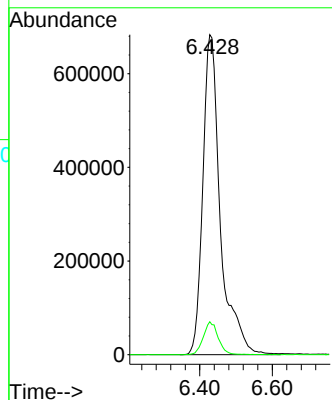
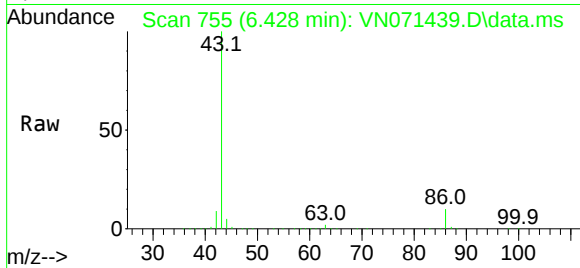




#23
 Vinyl Acetate
 Concen: 93.722 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

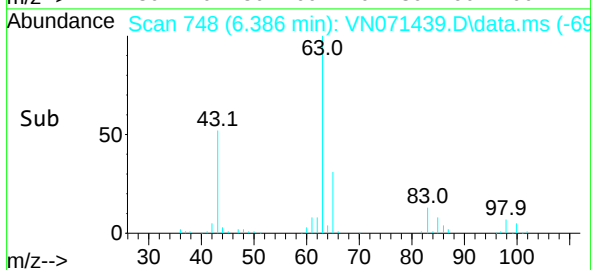
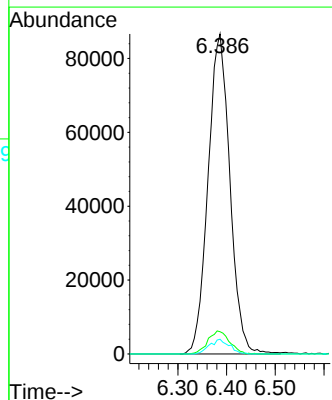
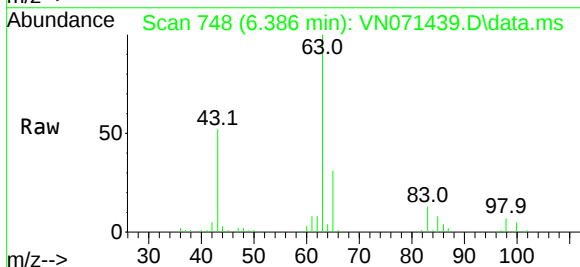
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS02

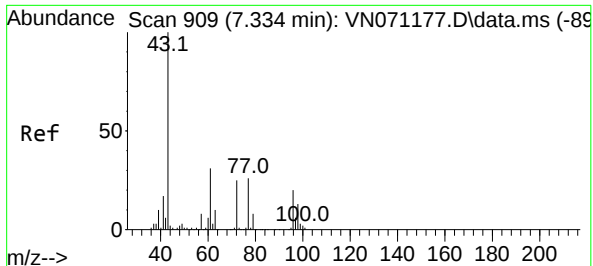
Tgt Ion: 43 Resp: 2291905
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 17.686 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

Tgt Ion: 63 Resp: 269950
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 99.229 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

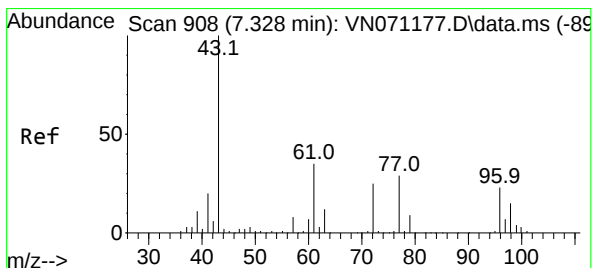
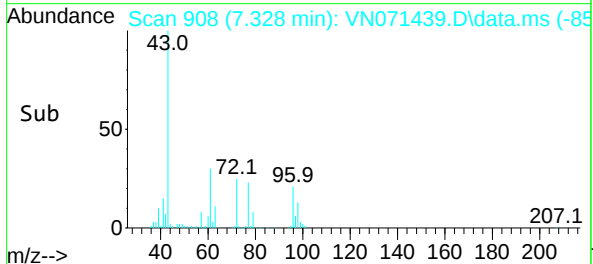
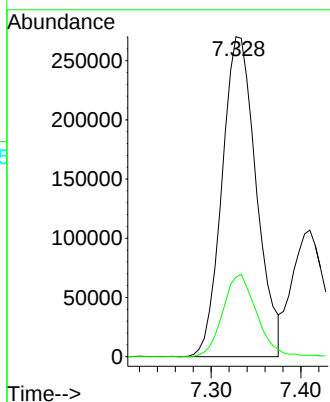
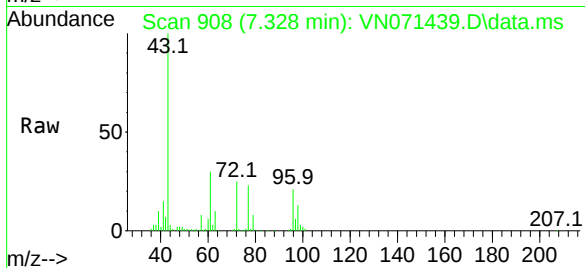
VN0321WBS02

Tgt Ion: 43 Resp: 716774

Ion Ratio Lower Upper

43 100

72 24.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 15.797 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071439.D

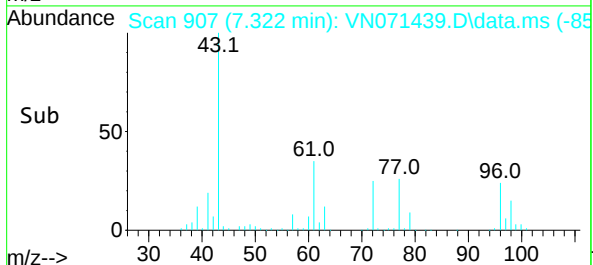
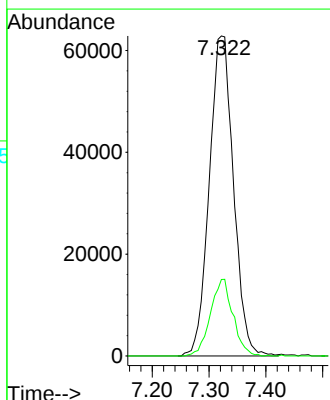
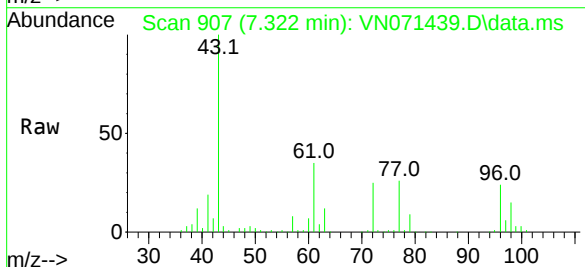
Acq: 22 Mar 2022 00:31

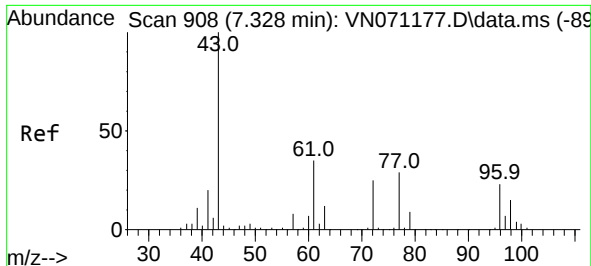
Tgt Ion: 77 Resp: 186020

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.474 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

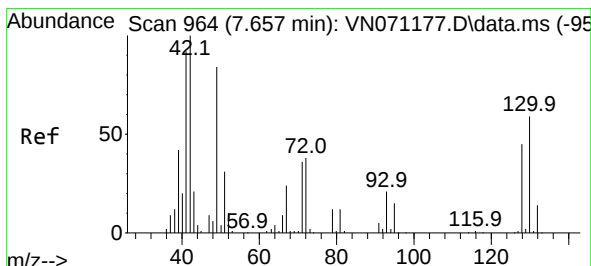
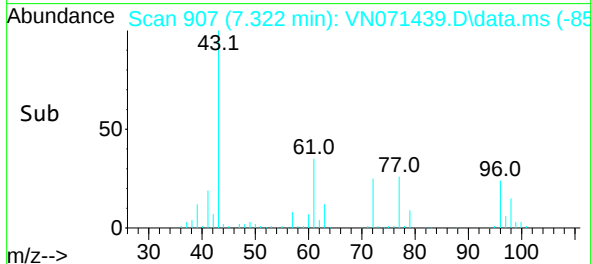
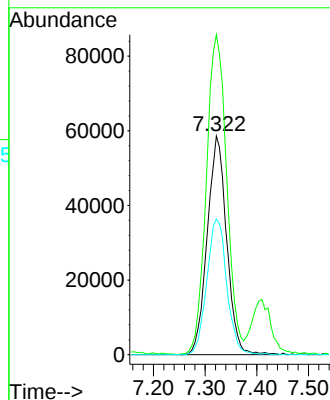
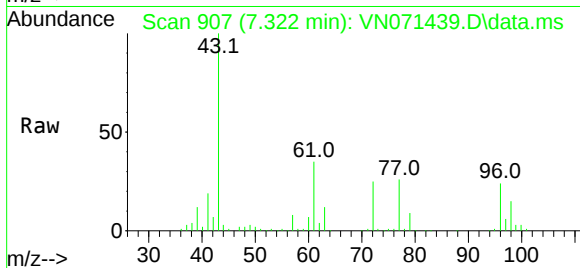
Tgt Ion: 96 Resp: 152926

Ion Ratio Lower Upper

96 100

61 153.8 0.0 275.0

98 63.8 0.0 129.6



#28

Bromochloromethane

Concen: 14.705 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

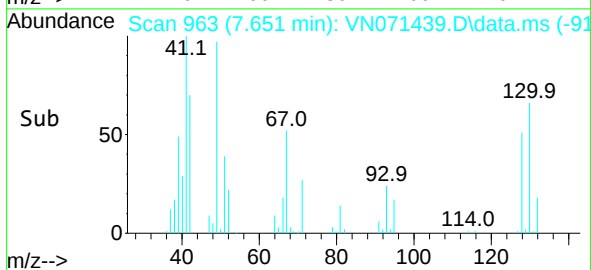
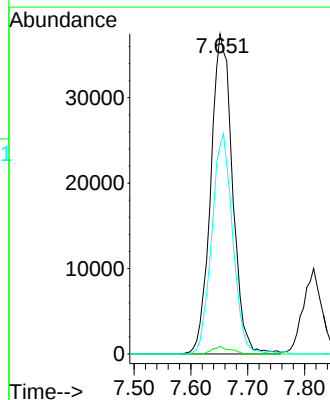
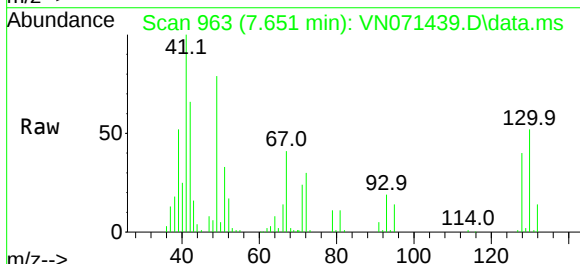
Tgt Ion: 49 Resp: 99951

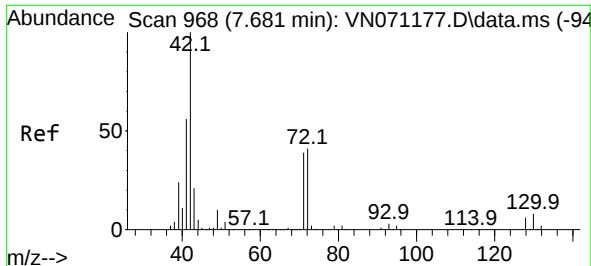
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 65.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 98.008 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

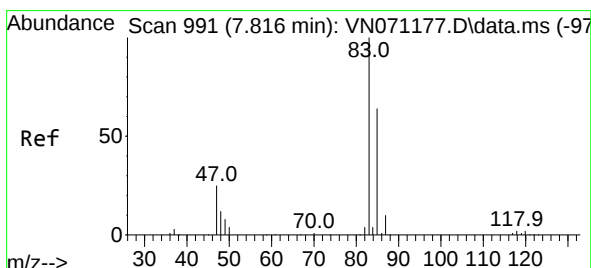
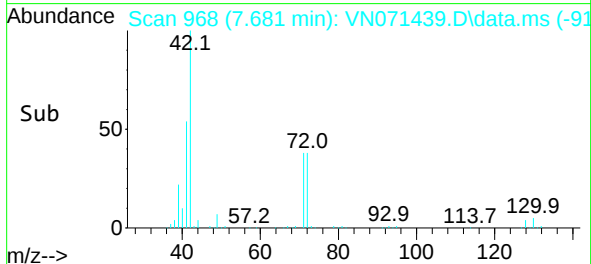
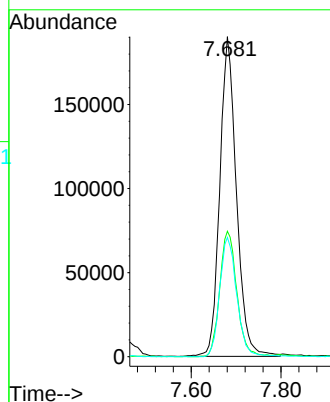
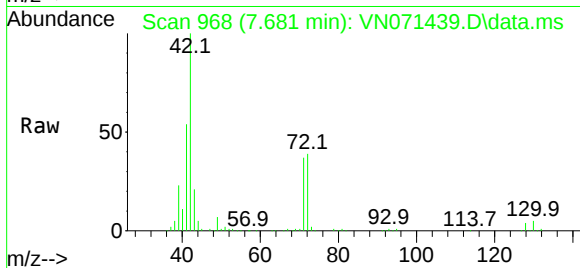
Tgt Ion: 42 Resp: 490456

Ion Ratio Lower Upper

42 100

72 40.4 36.3 54.5

71 38.4 34.7 52.1



#30

Chloroform

Concen: 18.189 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN071439.D

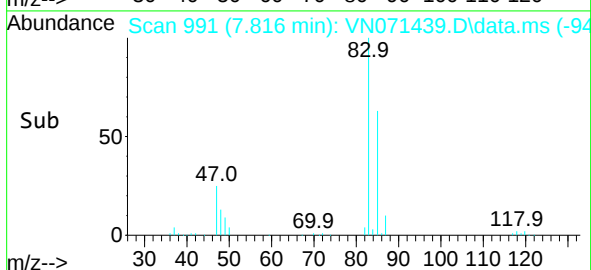
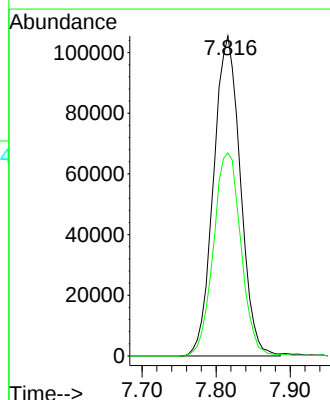
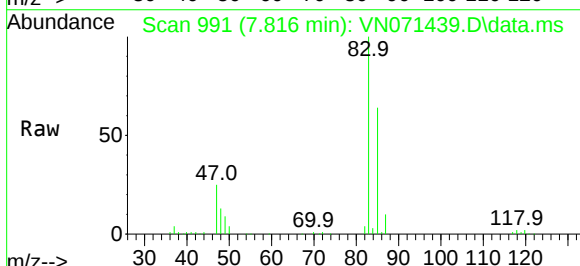
Acq: 22 Mar 2022 00:31

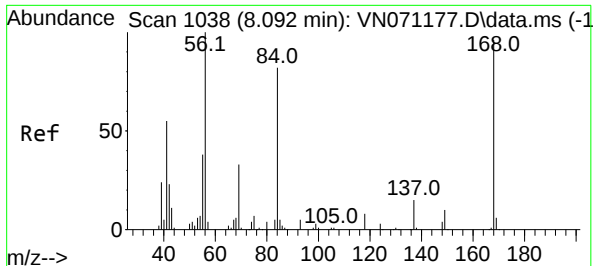
Tgt Ion: 83 Resp: 264801

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9





#31

Cyclohexane

Concen: 16.639 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

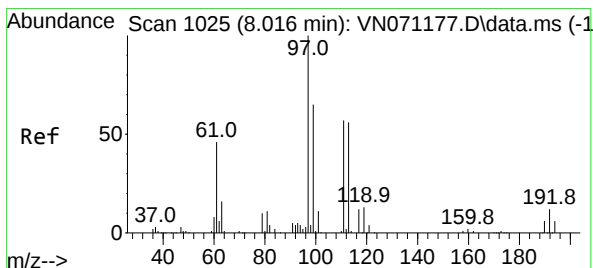
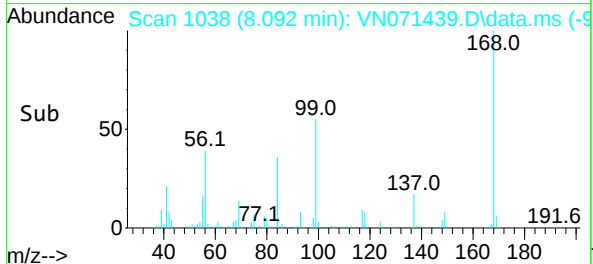
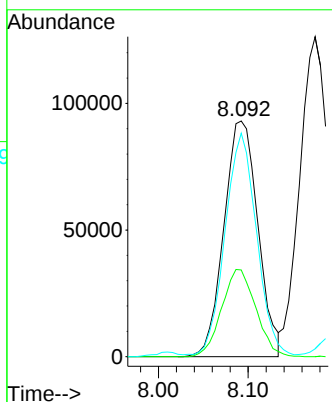
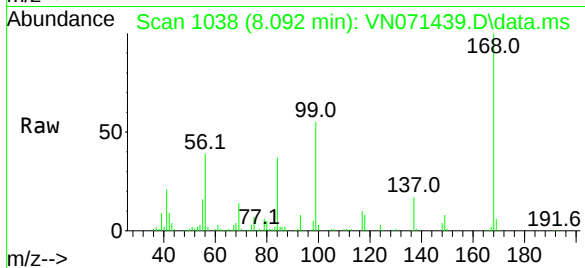
Tgt Ion: 56 Resp: 244873

Ion Ratio Lower Upper

56 100

69 36.8 27.1 40.7

84 93.9 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 18.223 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

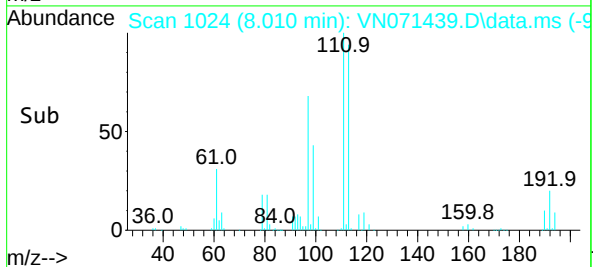
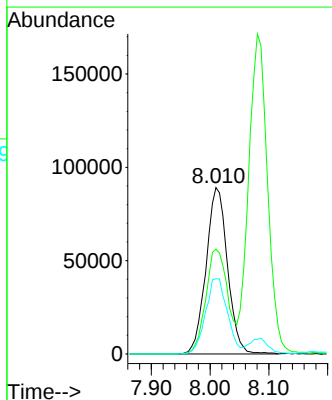
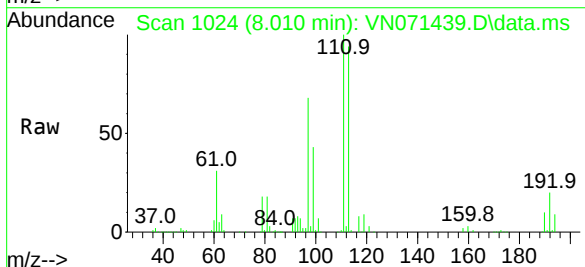
Tgt Ion: 97 Resp: 225979

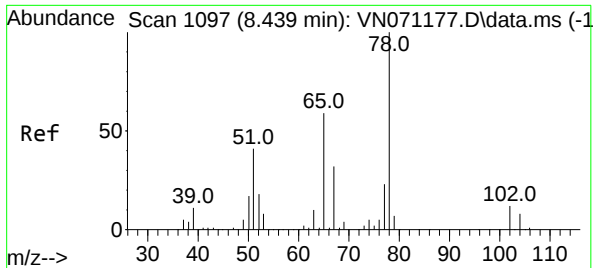
Ion Ratio Lower Upper

97 100

99 64.8 50.1 75.1

61 45.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.472 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

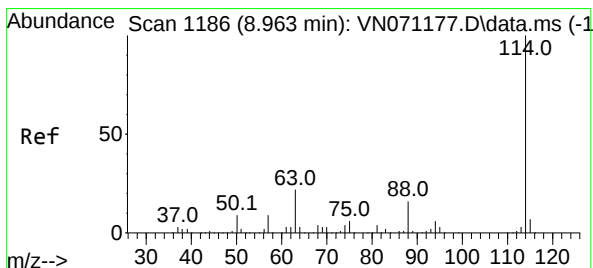
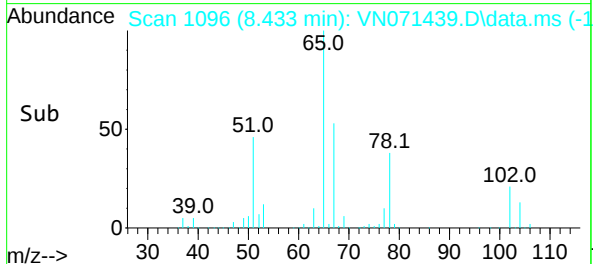
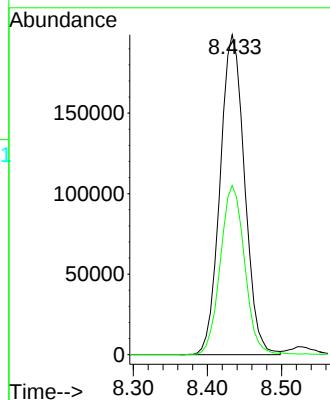
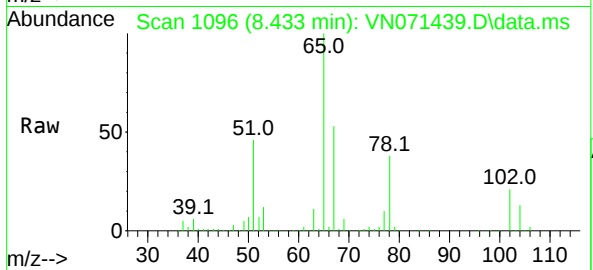
VN0321WBS02

Tgt Ion: 65 Resp: 455930

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

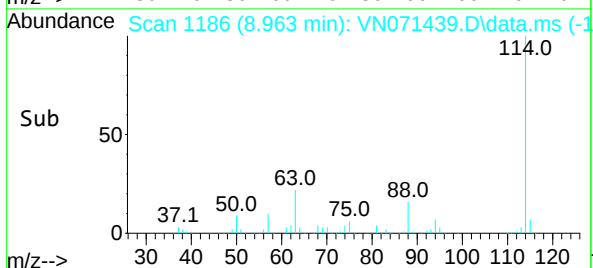
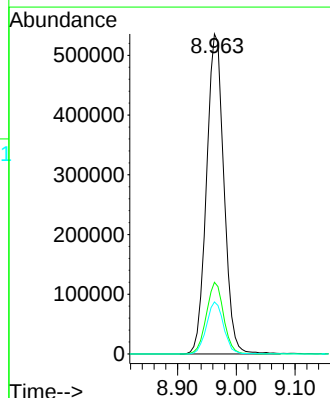
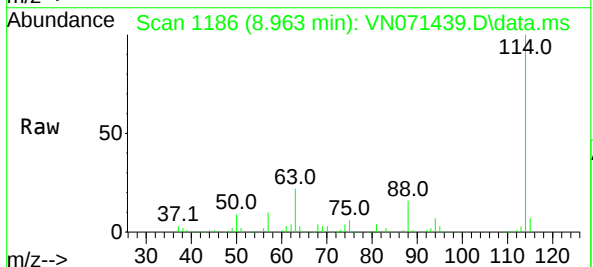
Tgt Ion: 114 Resp: 1103481

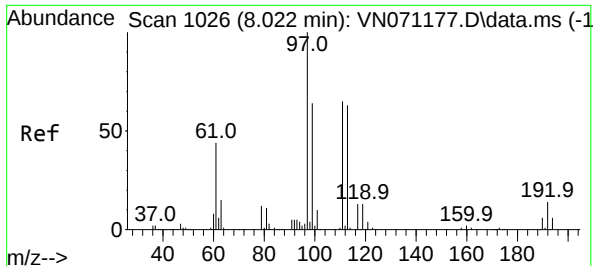
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.3 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.931 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

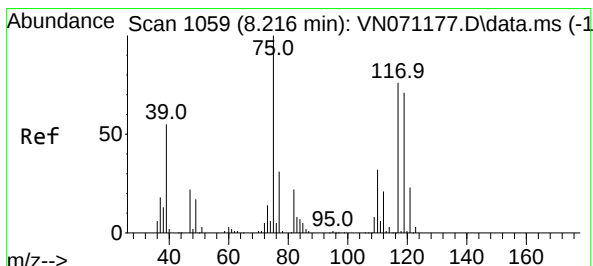
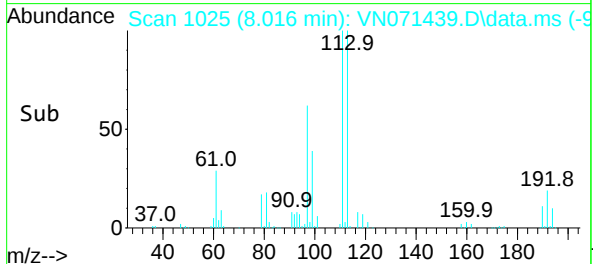
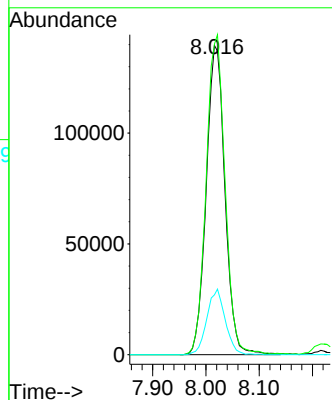
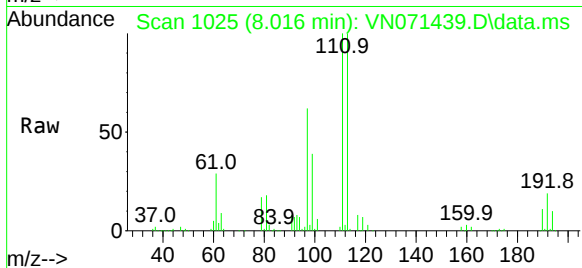
Tgt Ion:113 Resp: 340724

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 20.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 16.571 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

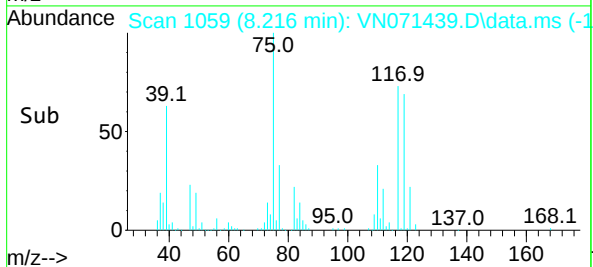
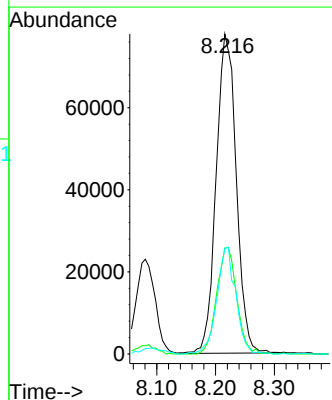
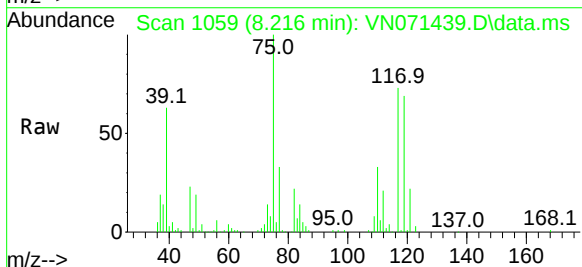
Tgt Ion: 75 Resp: 184880

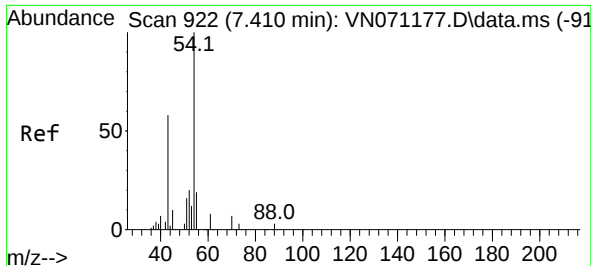
Ion Ratio Lower Upper

75 100

110 33.3 18.4 55.2

77 31.7 24.4 36.6

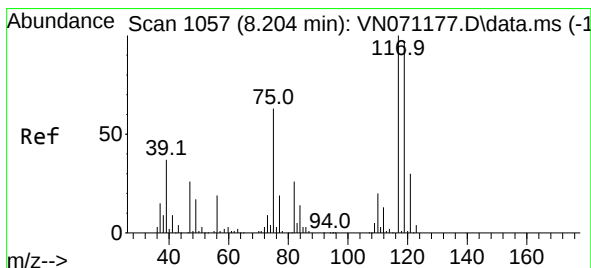
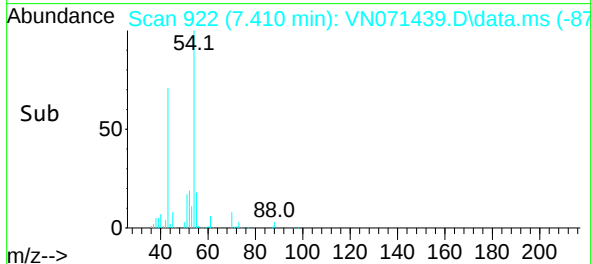
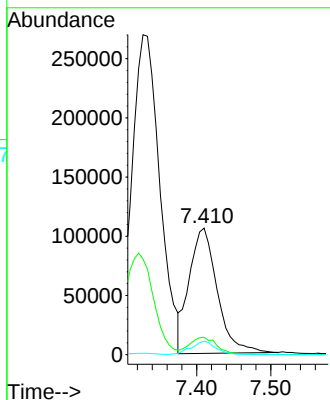
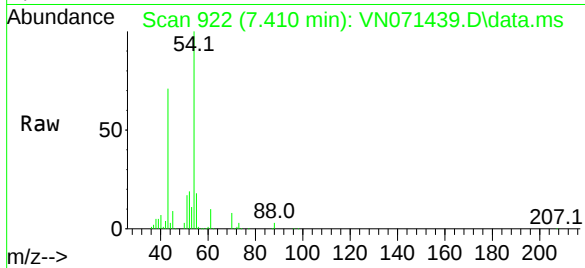




#37
Ethyl Acetate
Concen: 18.115 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

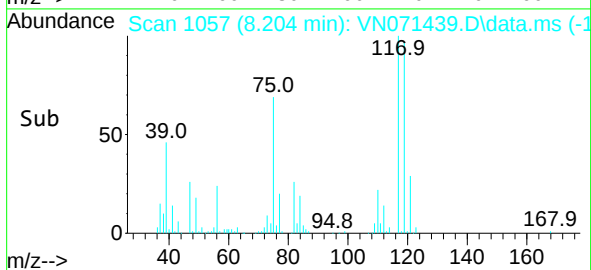
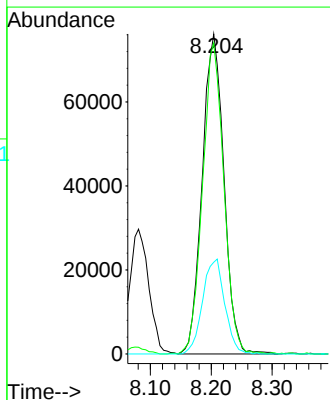
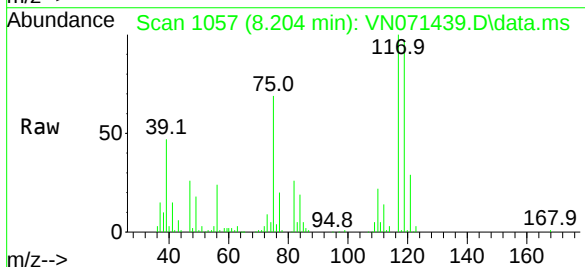
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

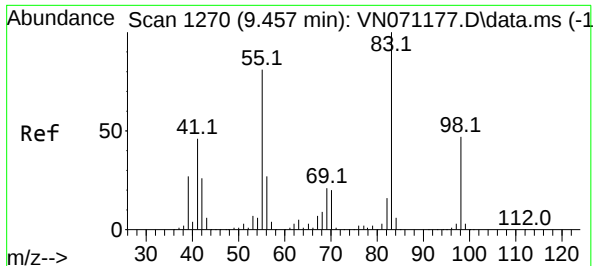
Tgt Ion: 43 Resp: 278154
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 17.477 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 117 Resp: 188601
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 28.6 24.2 36.2





#39

Methylcyclohexane

Concen: 16.734 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

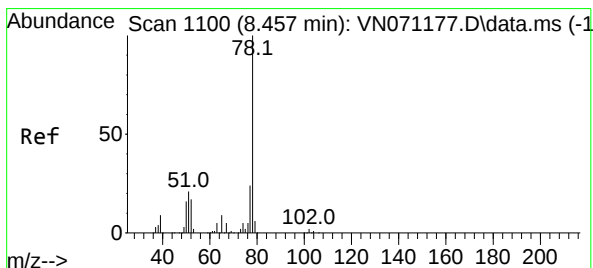
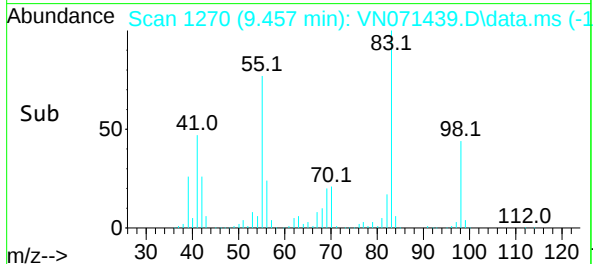
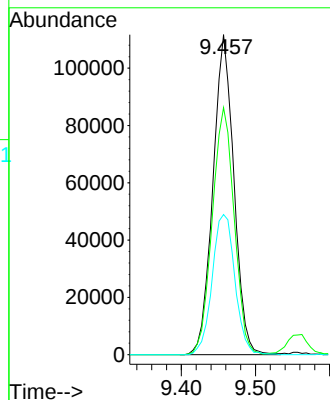
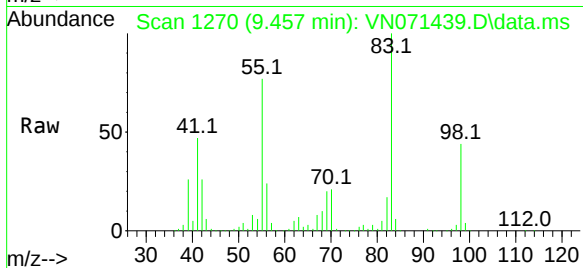
Tgt Ion: 83 Resp: 219639

Ion Ratio Lower Upper

83 100

55 77.2 58.1 87.1

98 43.8 38.4 57.6



#40

Benzene

Concen: 17.725 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071439.D

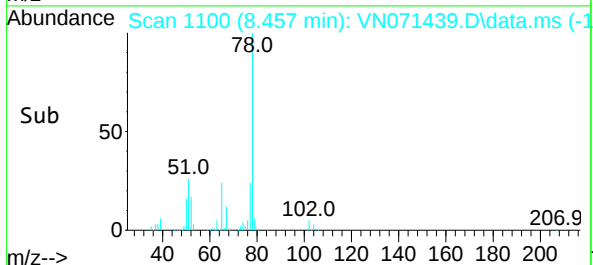
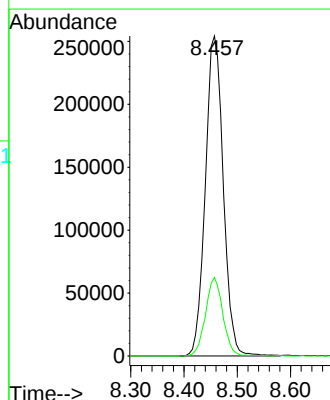
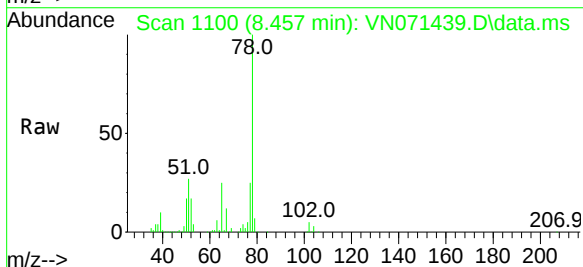
Acq: 22 Mar 2022 00:31

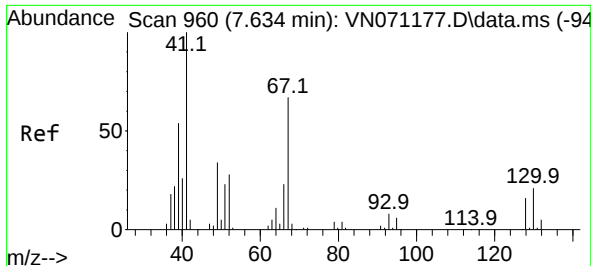
Tgt Ion: 78 Resp: 595822

Ion Ratio Lower Upper

78 100

77 24.6 18.6 27.8

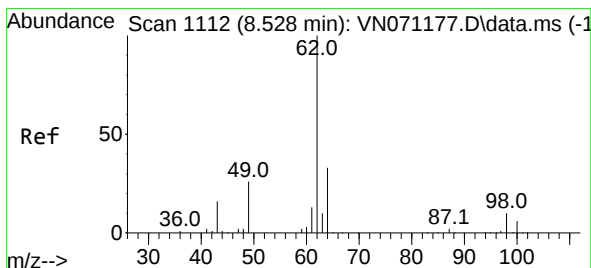
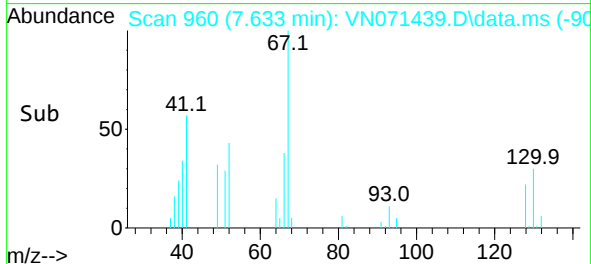
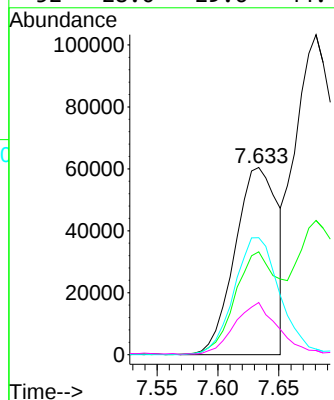
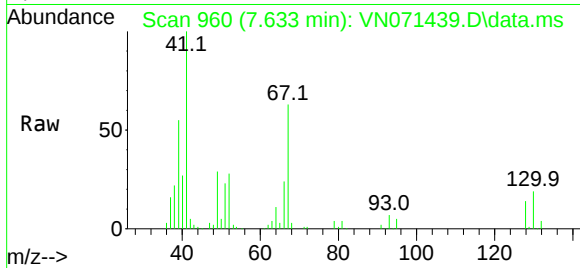




#41
Methacrylonitrile
Concen: 19.603 ug/l
RT: 7.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

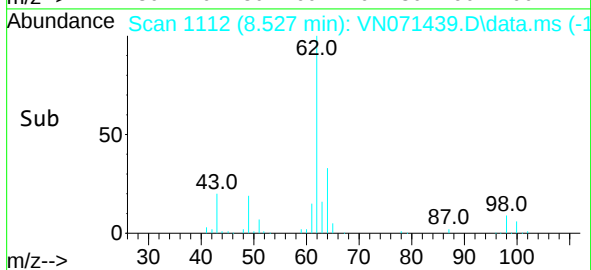
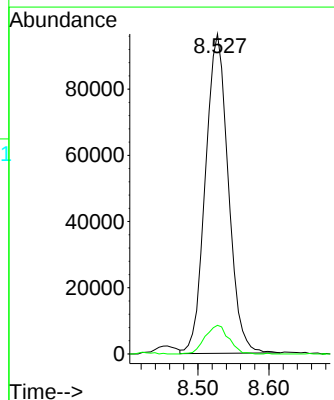
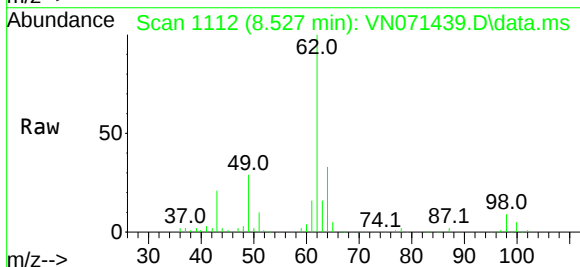
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

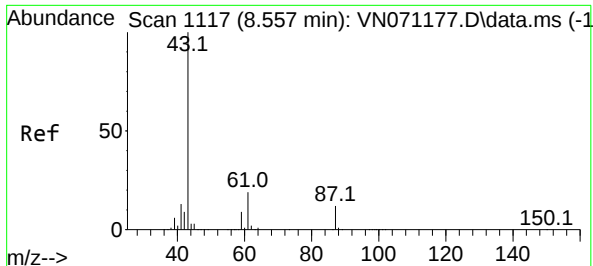
Tgt Ion: 41 Resp: 147301
Ion Ratio Lower Upper
41 100
39 59.0 48.1 72.1
67 68.0 68.3 102.5#
52 28.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 18.438 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 62 Resp: 215672
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6

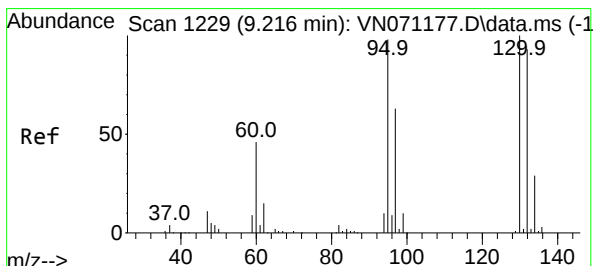
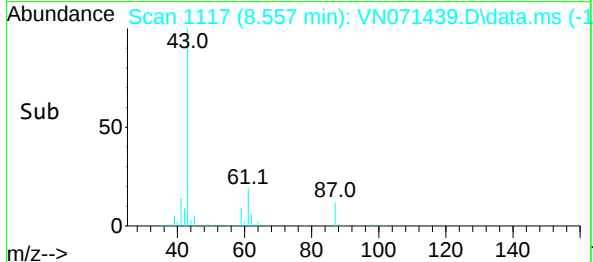
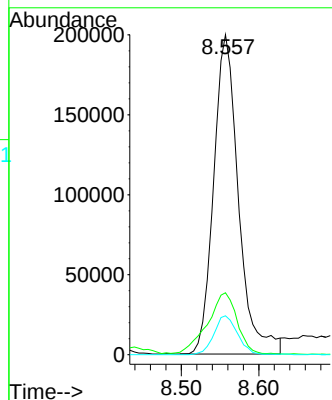
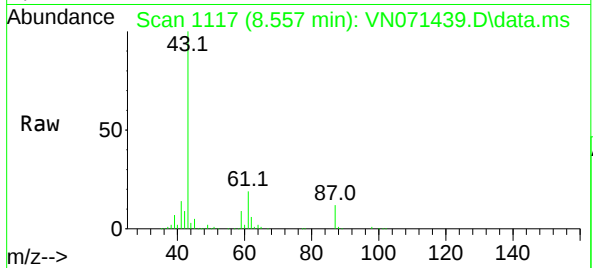




#43
Isopropyl Acetate
Concen: 19.361 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

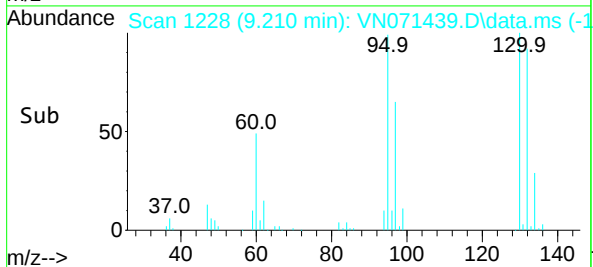
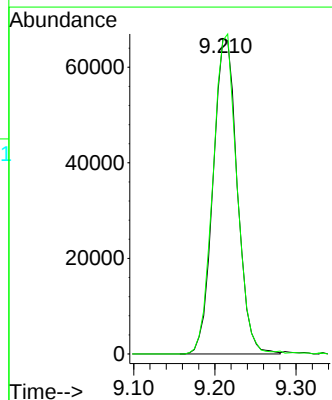
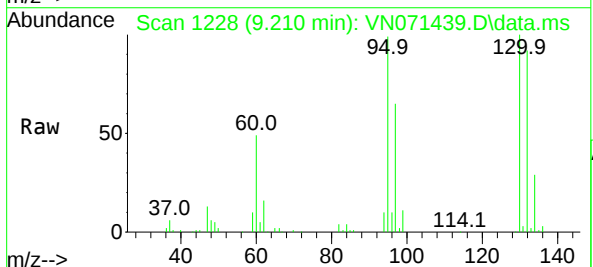
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

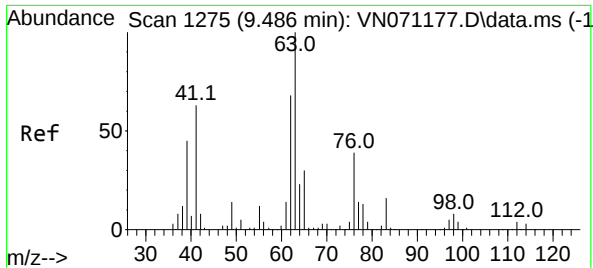
Tgt Ion: 43 Resp: 444545
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.6 11.2 16.8



#44
Trichloroethene
Concen: 17.211 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 130 Resp: 136510
Ion Ratio Lower Upper
130 100
95 99.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.874 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

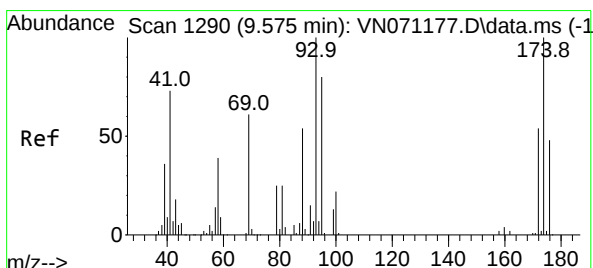
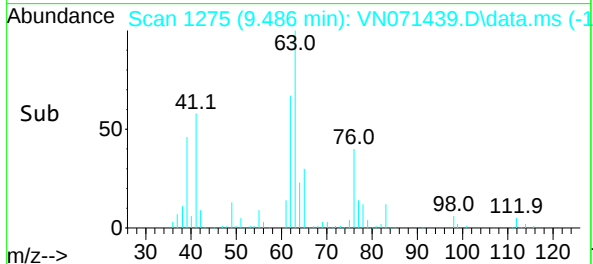
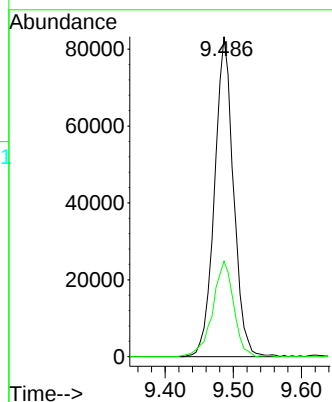
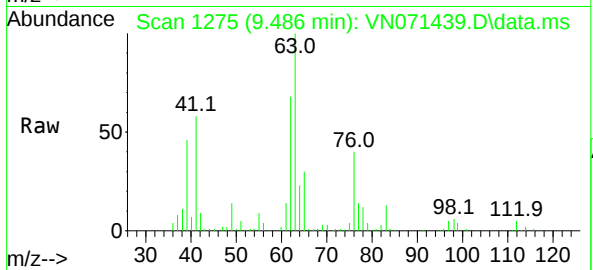
VN0321WBS02

Tgt Ion: 63 Resp: 161289

Ion Ratio Lower Upper

63 100

65 29.6 24.7 37.1



#46

Dibromomethane

Concen: 17.998 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

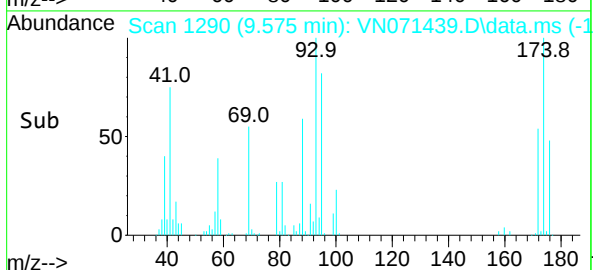
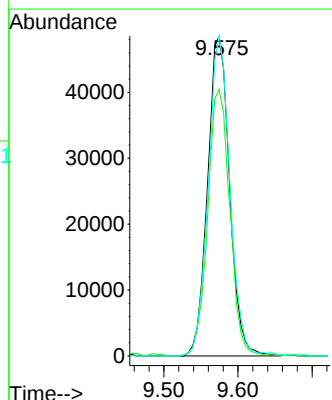
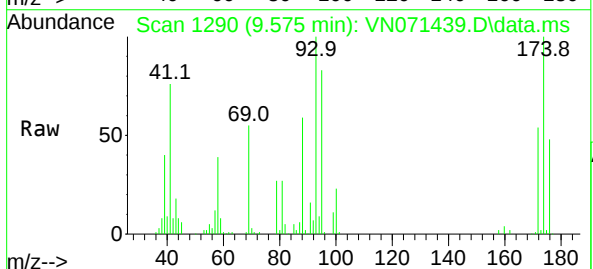
Tgt Ion: 93 Resp: 99962

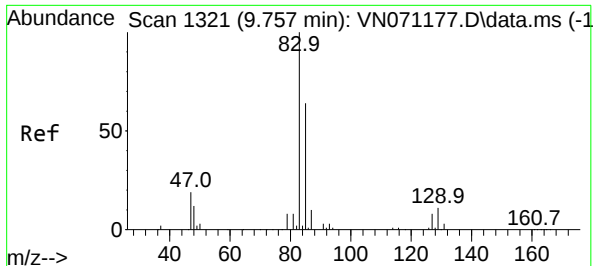
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 98.1 84.6 127.0

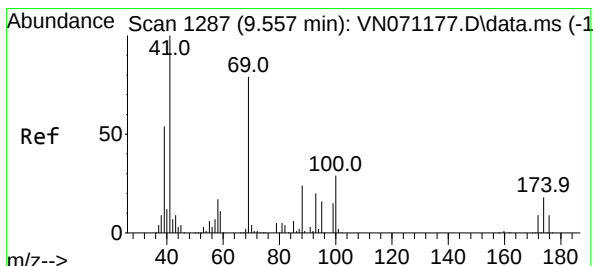
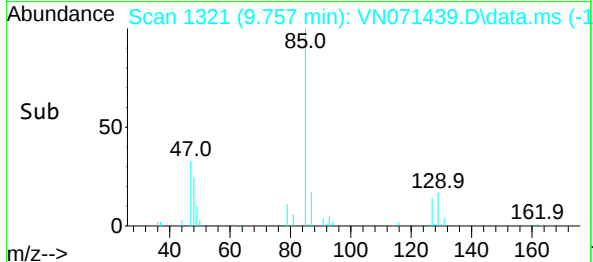
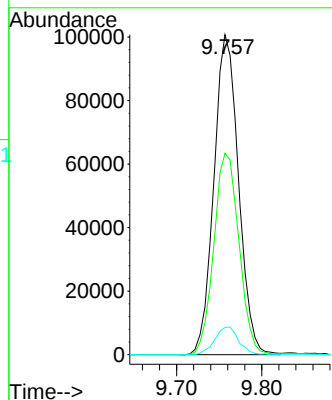
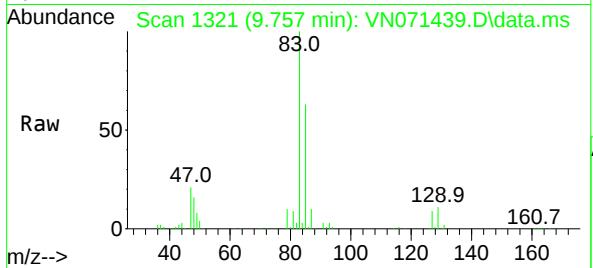




#47
Bromodichloromethane
Concen: 18.019 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

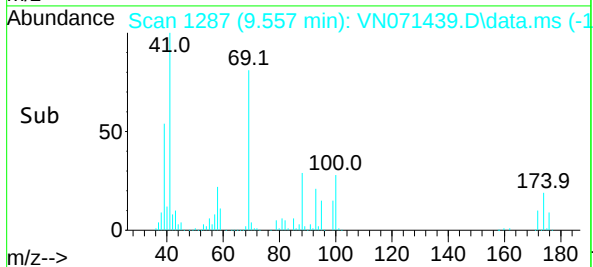
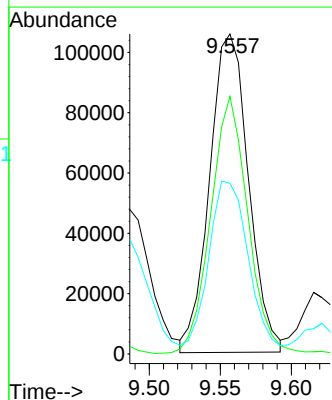
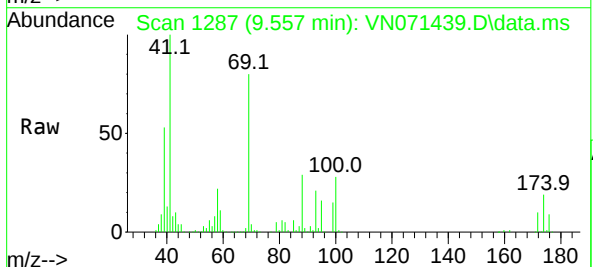
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

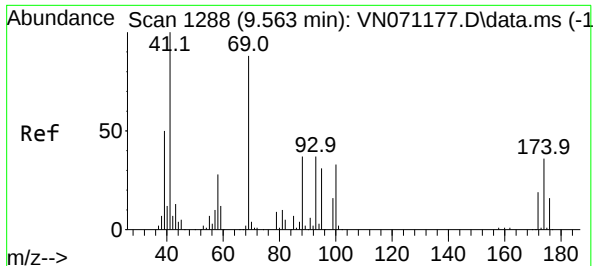
Tgt Ion: 83 Resp: 202241
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 18.884 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 41 Resp: 200940
Ion Ratio Lower Upper
41 100
69 77.2 72.4 108.6
39 55.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 425.928 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

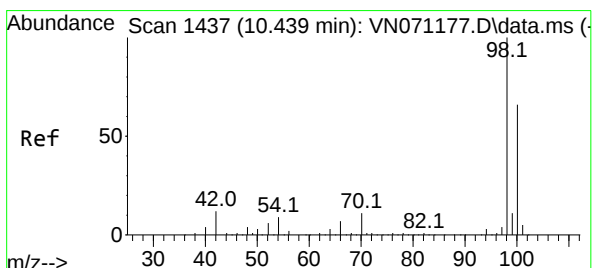
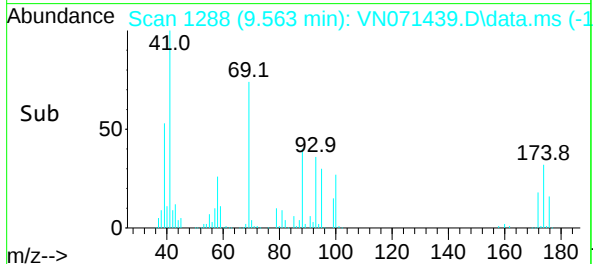
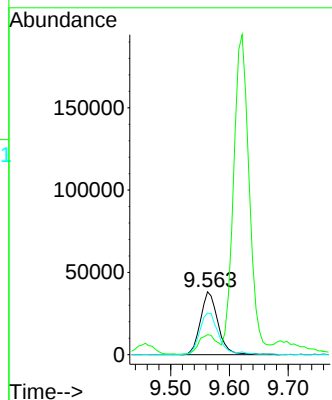
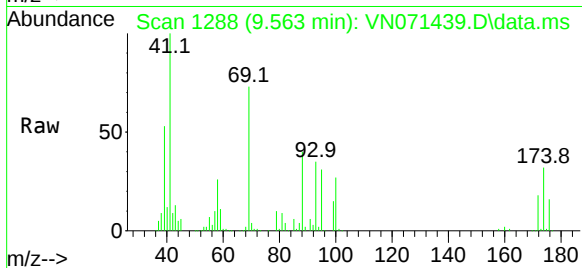
Tgt Ion: 88 Resp: 78779

Ion Ratio Lower Upper

88 100

43 32.6 23.4 35.2

58 72.5 50.6 75.8



#50

Toluene-d8

Concen: 47.973 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071439.D

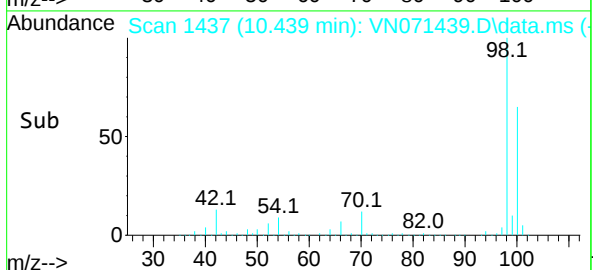
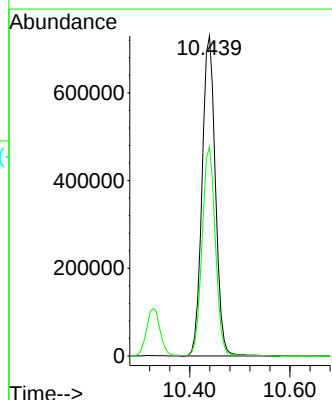
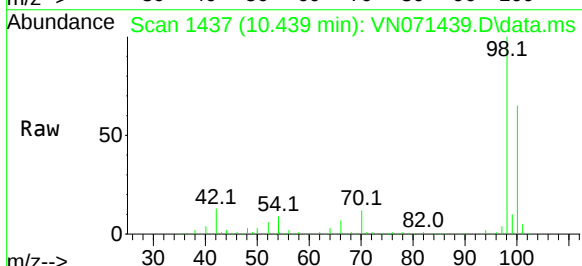
Acq: 22 Mar 2022 00:31

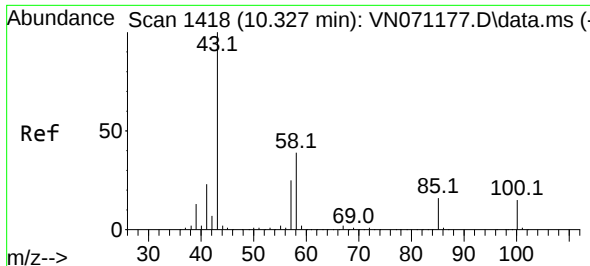
Tgt Ion: 98 Resp: 1344999

Ion Ratio Lower Upper

98 100

100 65.0 50.4 75.6

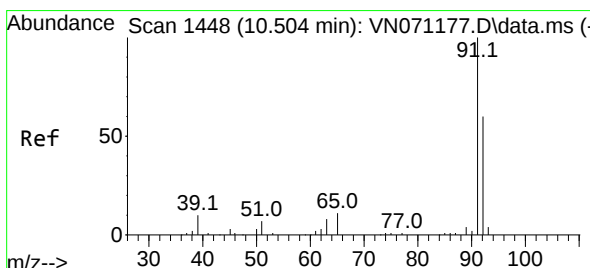
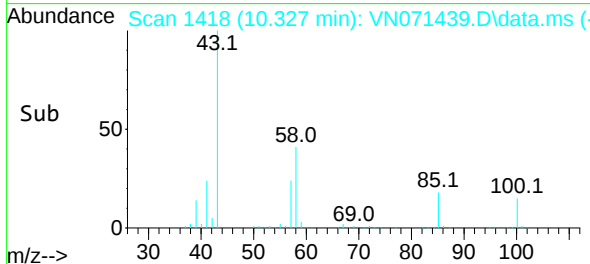
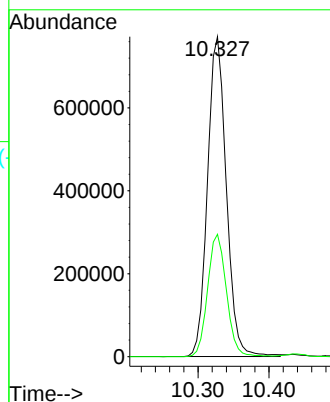
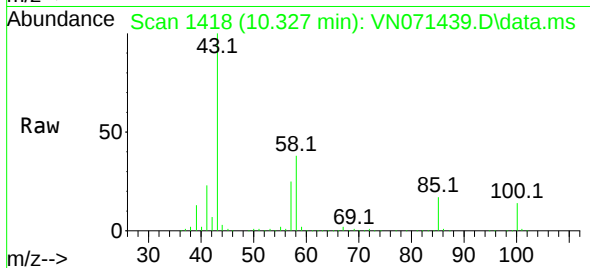




#51
4-Methyl-2-Pentanone
Concen: 99.806 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

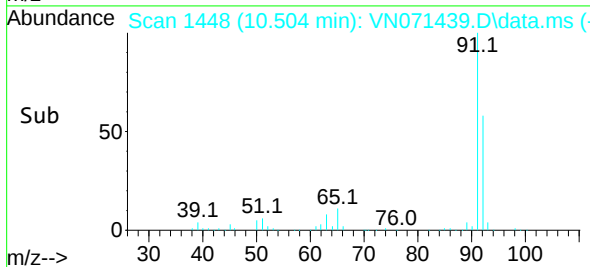
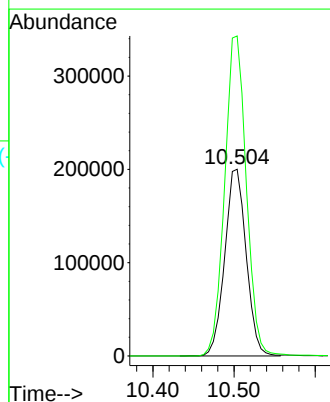
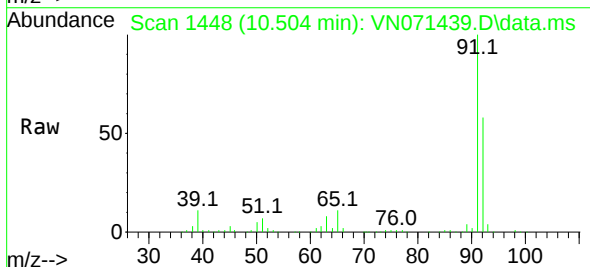
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

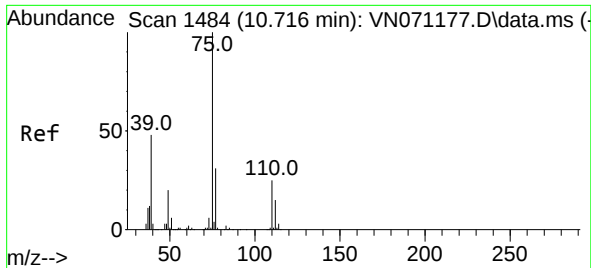
Tgt Ion: 43 Resp: 1422226
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6



#52
Toluene
Concen: 17.774 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 92 Resp: 367898
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0

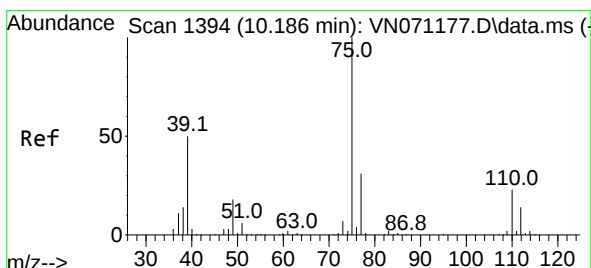
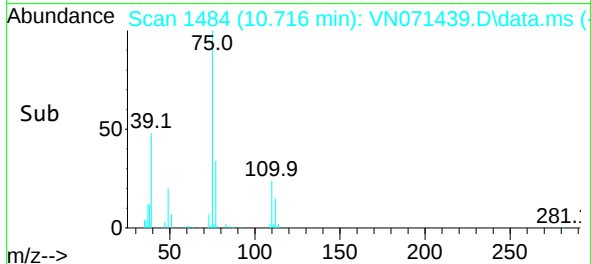
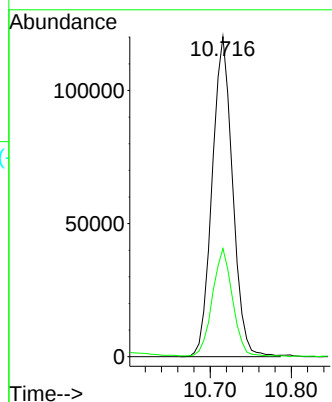
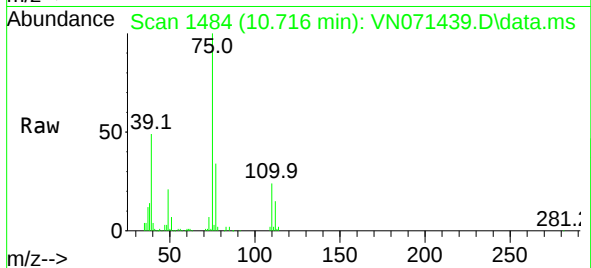




#53
t-1,3-Dichloropropene
Concen: 17.012 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

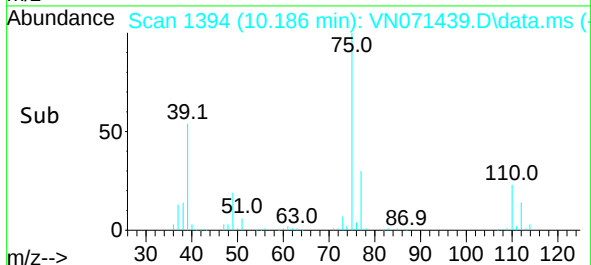
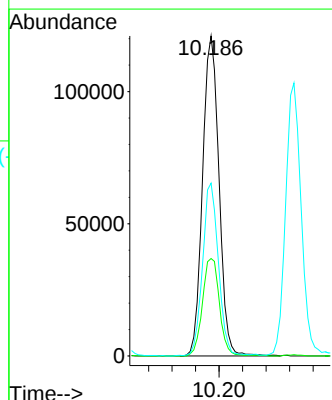
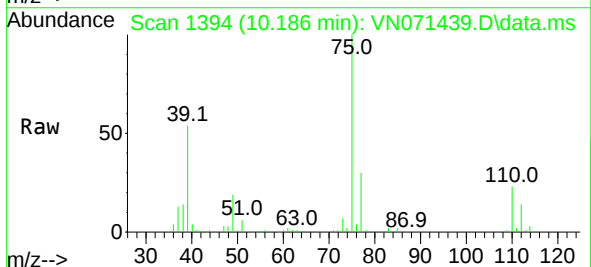
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

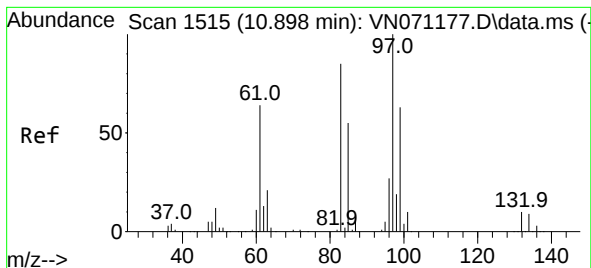
Tgt Ion: 75 Resp: 210479
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 17.375 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 75 Resp: 234891
Ion Ratio Lower Upper
75 100
77 30.5 26.4 39.6
39 53.8 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 18.592 ug/l

RT: 10.892 min Scan# 1514

Delta R.T. -0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

Tgt Ion: 97 Resp: 154207

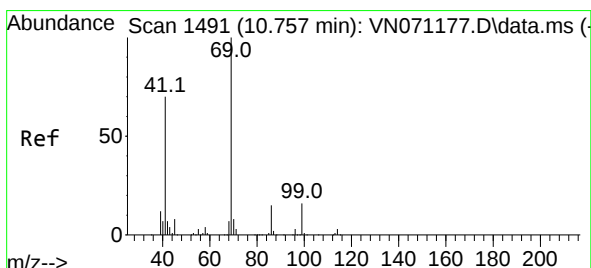
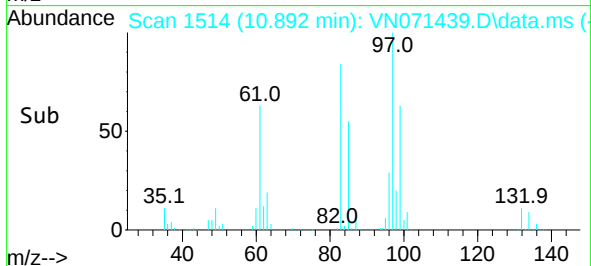
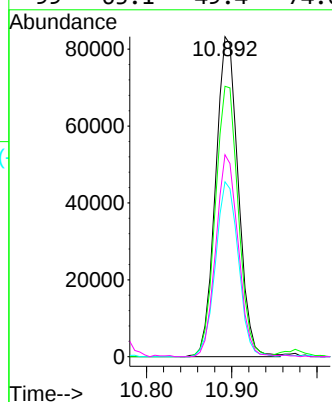
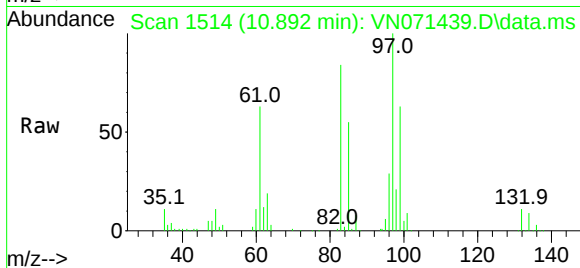
Ion Ratio Lower Upper

97 100

83 84.5 67.8 101.6

85 54.7 45.4 68.2

99 63.1 49.4 74.0



#56

Ethyl methacrylate

Concen: 18.893 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

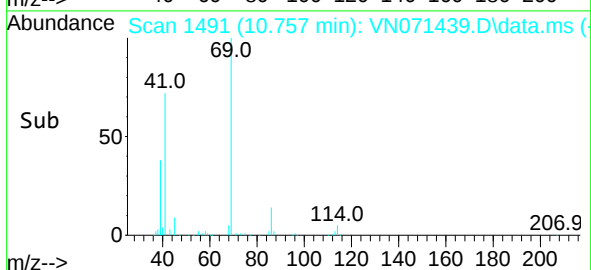
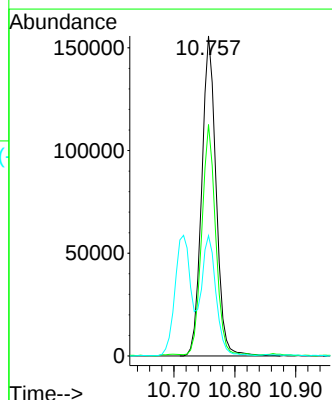
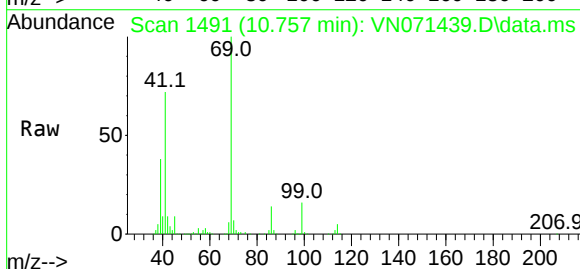
Tgt Ion: 69 Resp: 255905

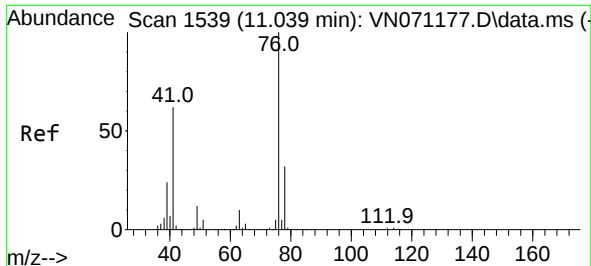
Ion Ratio Lower Upper

69 100

41 69.5 51.4 77.0

39 38.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.233 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

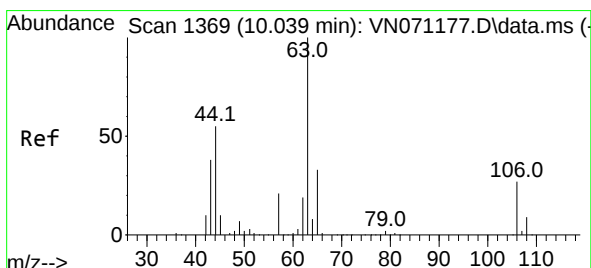
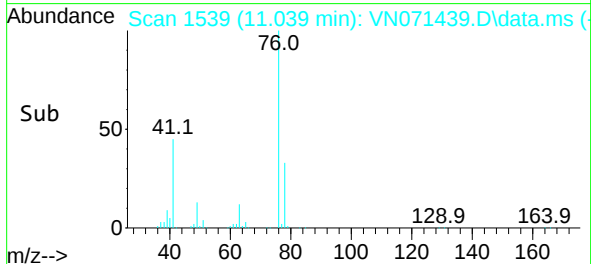
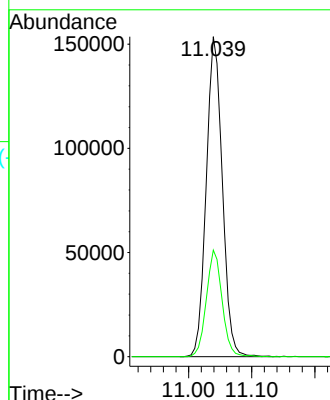
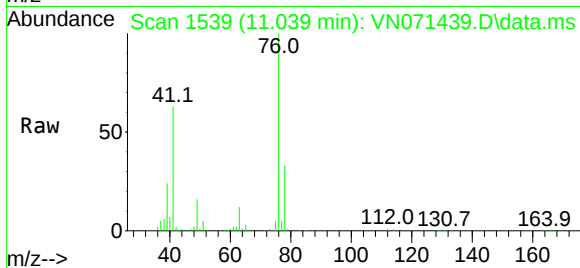
VN0321WBS02

Tgt Ion: 76 Resp: 271459

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 103.839 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071439.D

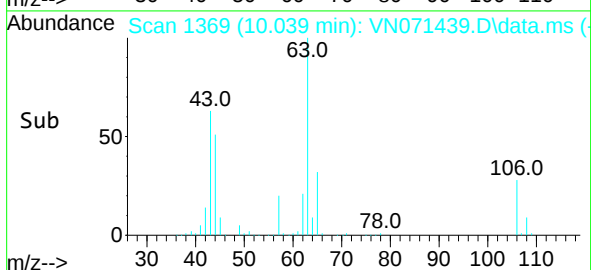
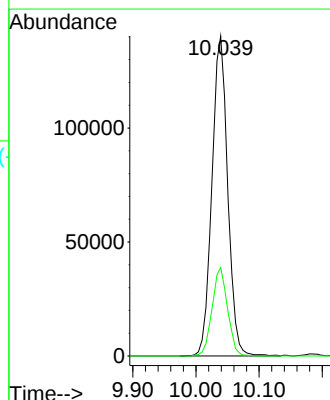
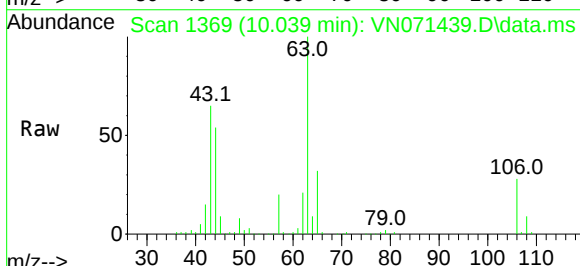
Acq: 22 Mar 2022 00:31

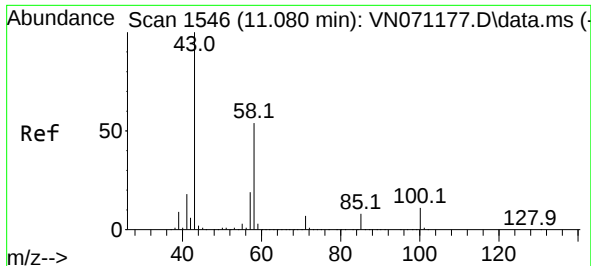
Tgt Ion: 63 Resp: 243329

Ion Ratio Lower Upper

63 100

106 27.0 23.9 35.9





#59

2-Hexanone

Concen: 106.708 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

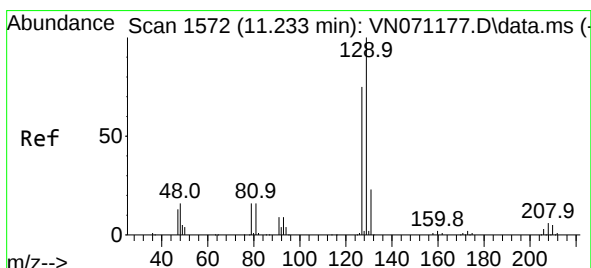
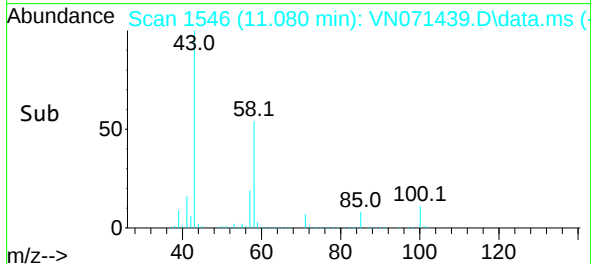
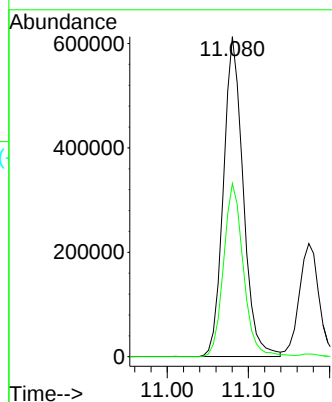
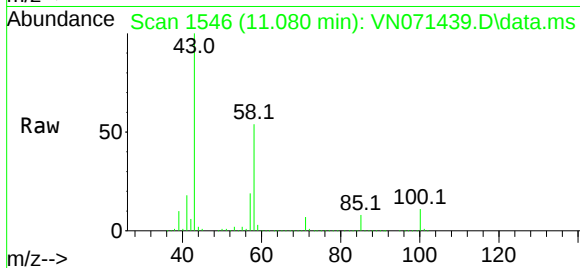
VN0321WBS02

Tgt Ion: 43 Resp: 1037507

Ion Ratio Lower Upper

43 100

58 54.2 26.9 80.7



#60

Dibromochloromethane

Concen: 18.502 ug/l

RT: 11.233 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN071439.D

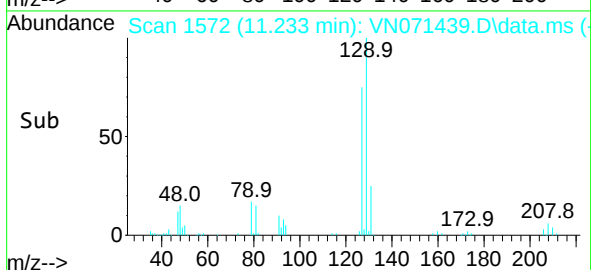
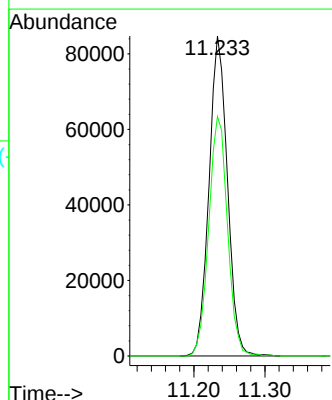
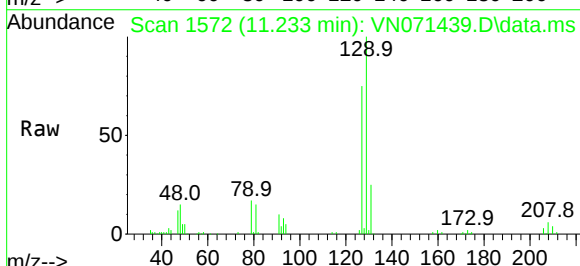
Acq: 22 Mar 2022 00:31

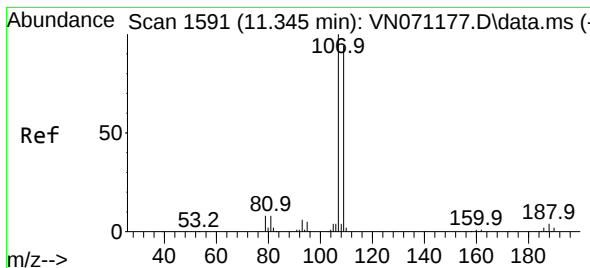
Tgt Ion:129 Resp: 152481

Ion Ratio Lower Upper

129 100

127 76.3 38.6 116.0

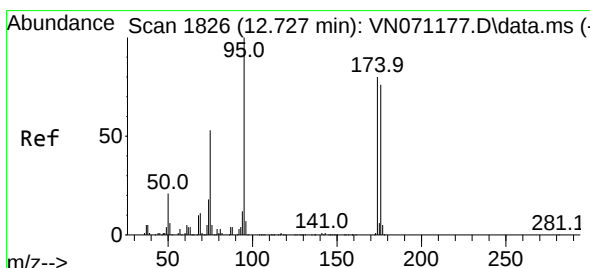
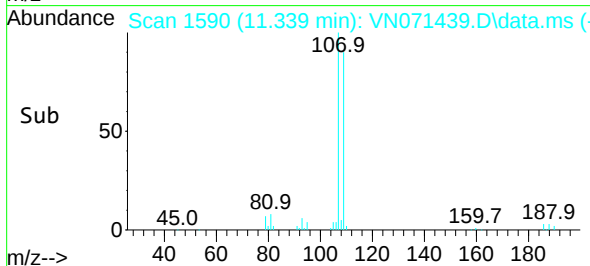
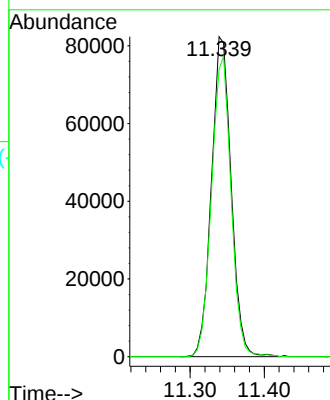
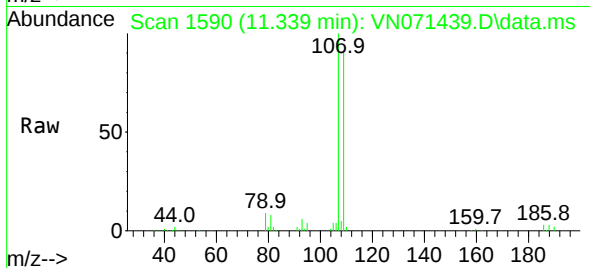




#61
1,2-Dibromoethane
Concen: 17.934 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

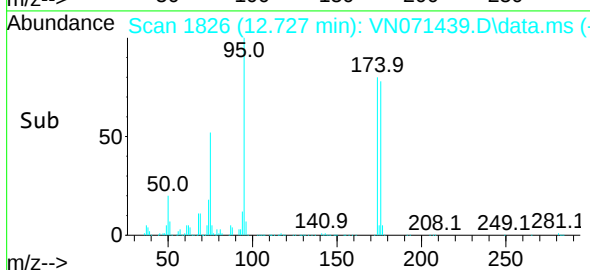
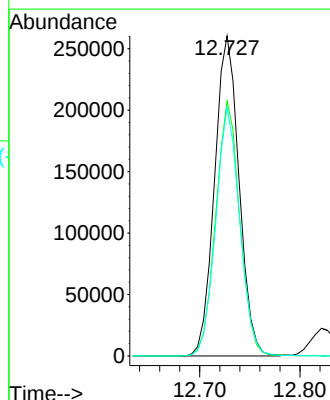
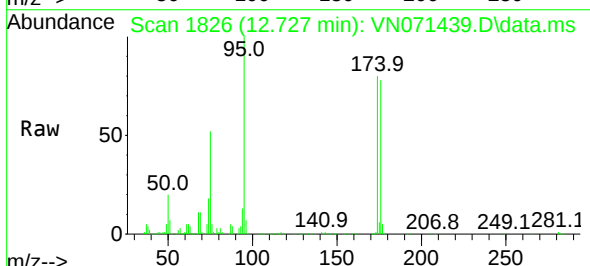
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

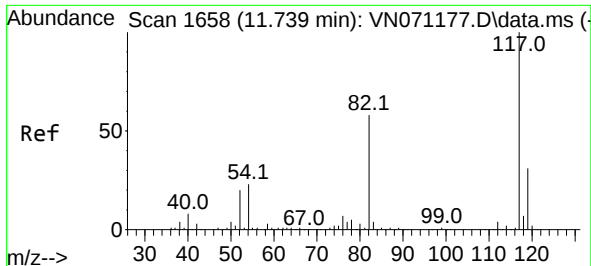
Tgt Ion:107 Resp: 152030
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 46.449 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 95 Resp: 440981
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 76.0 0.0 181.4

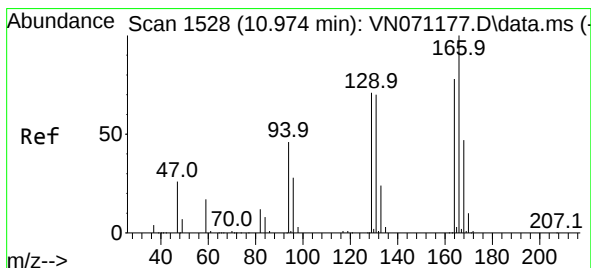
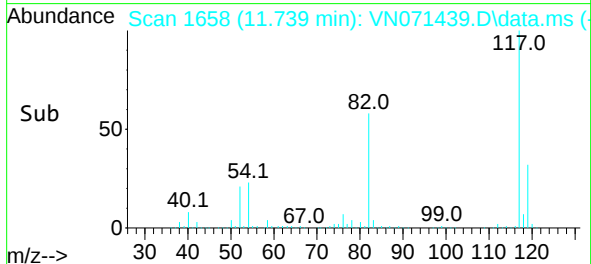
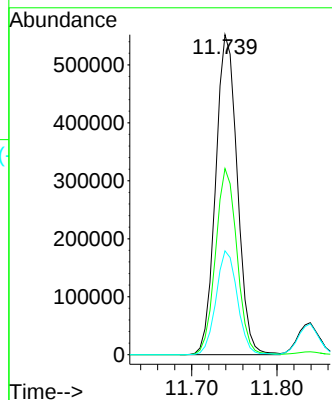
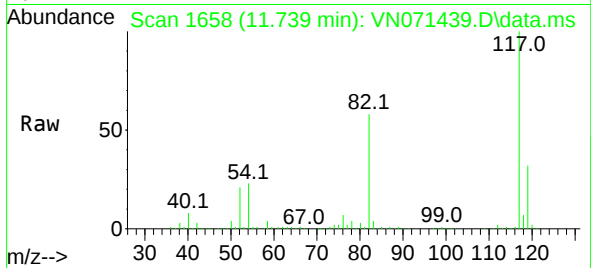




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

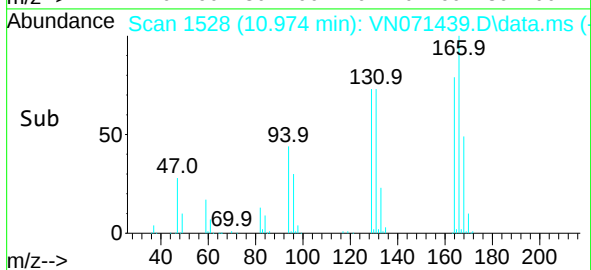
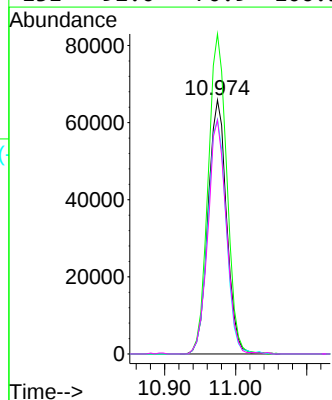
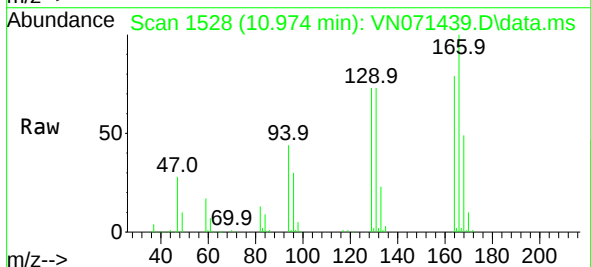
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

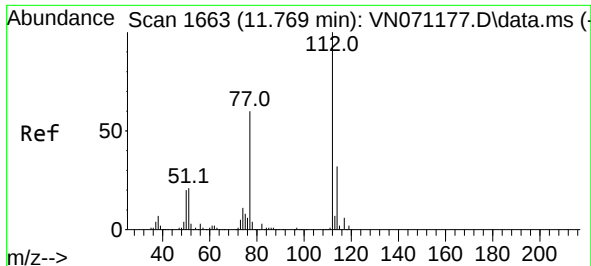
Tgt Ion:117 Resp: 975059
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 17.516 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion:164 Resp: 119114
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 92.3 72.0 108.0
131 92.0 70.9 106.3

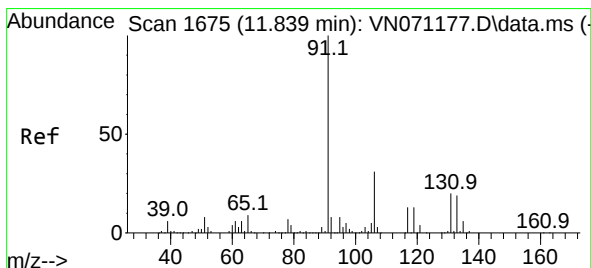
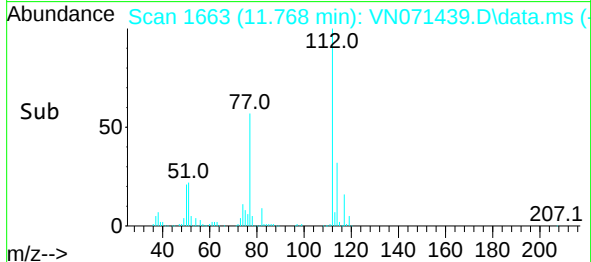
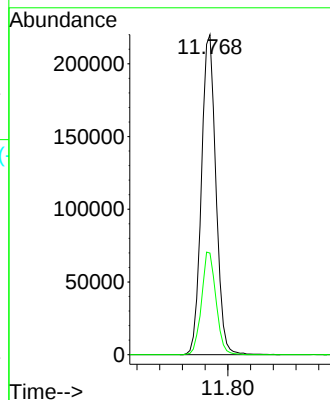
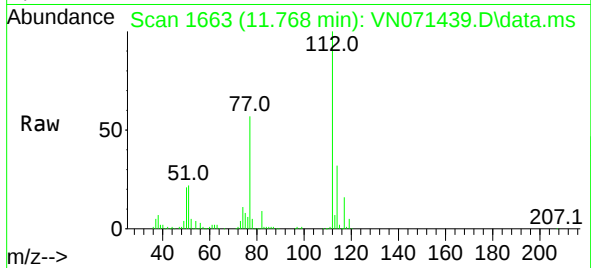




#65
Chlorobenzene
Concen: 18.572 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

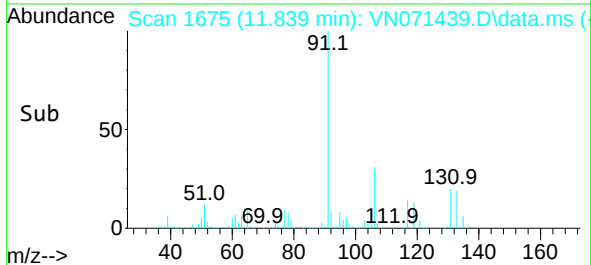
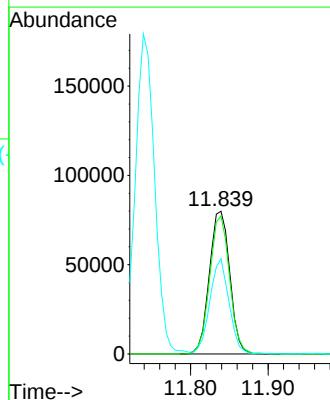
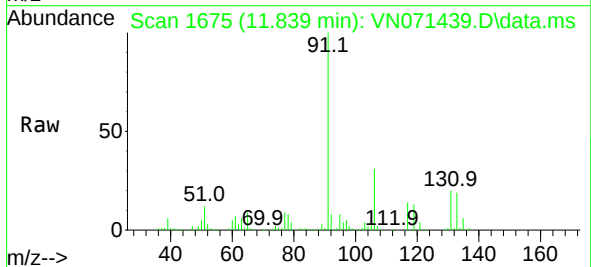
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

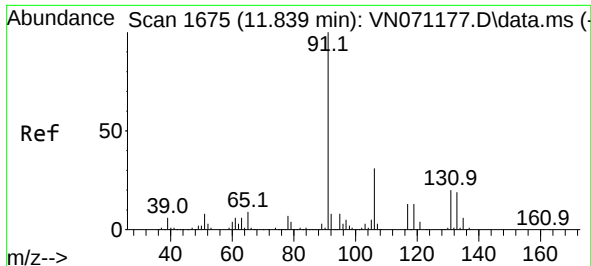
Tgt Ion:112 Resp: 388890
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.053 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion:131 Resp: 146295
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 62.7 32.1 96.5

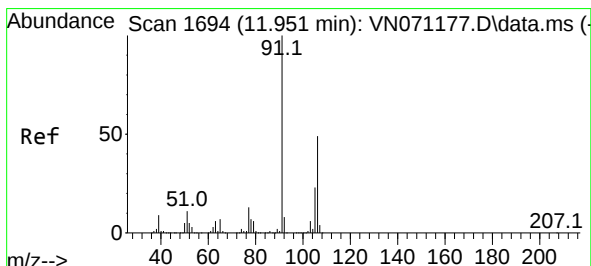
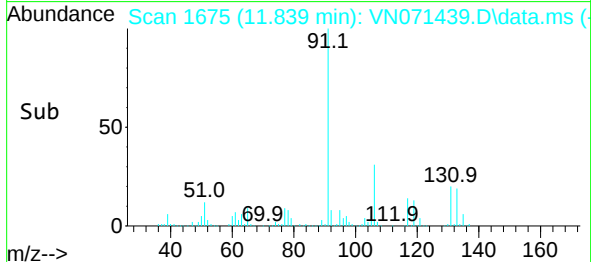
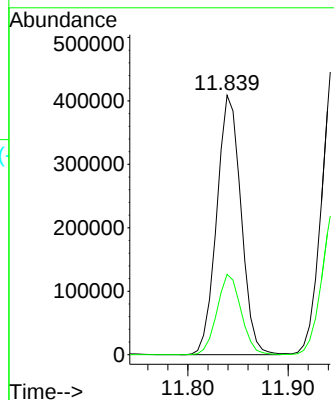
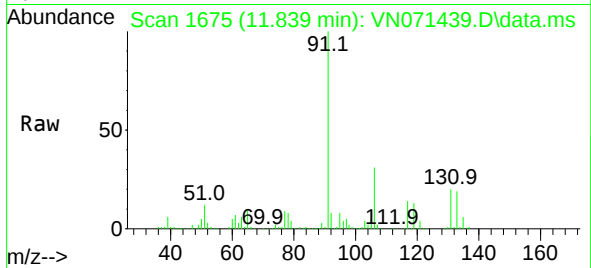




#67
Ethyl Benzene
Concen: 18.595 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

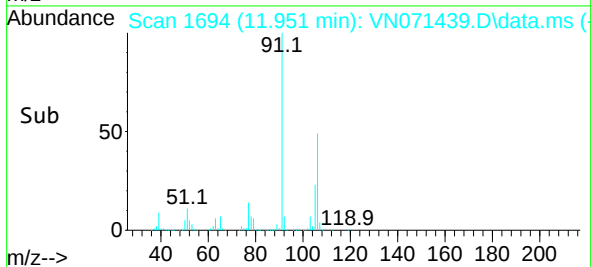
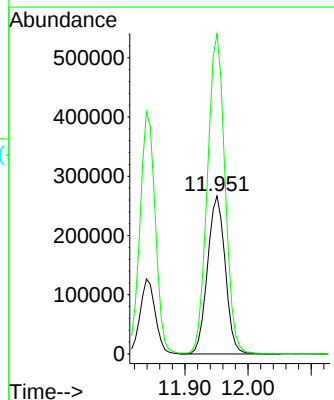
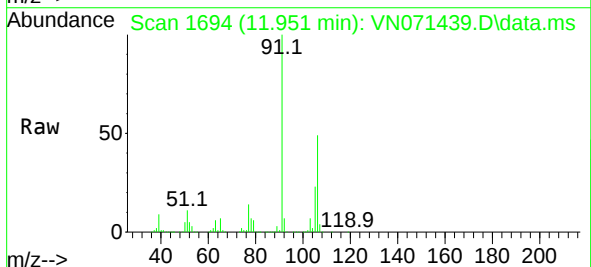
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

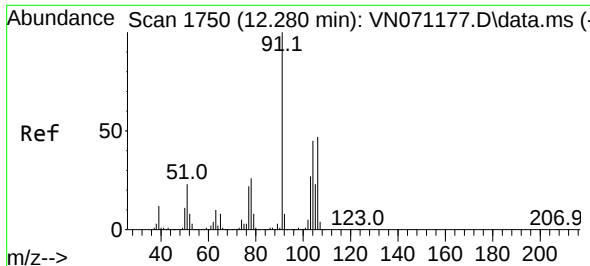
Tgt Ion: 91 Resp: 688466
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 38.265 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 106 Resp: 518289
Ion Ratio Lower Upper
106 100
91 201.4 160.6 240.8

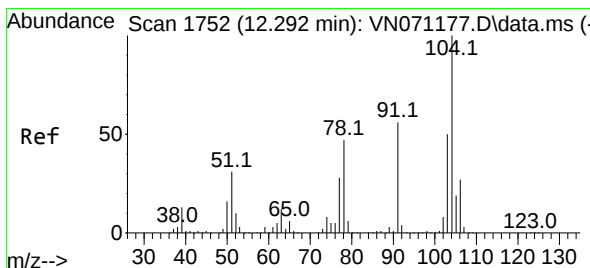
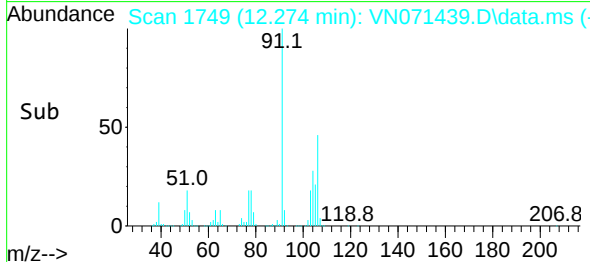
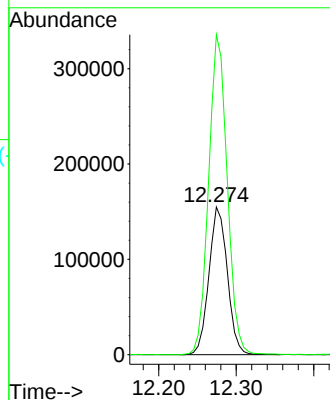
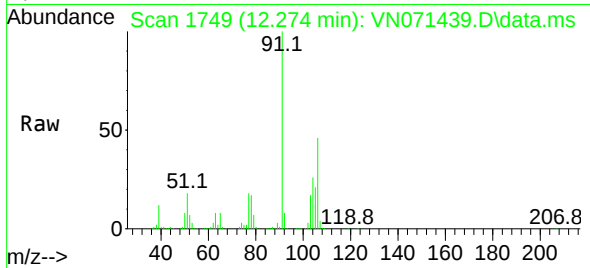




#69
o-Xylene
Concen: 18.843 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

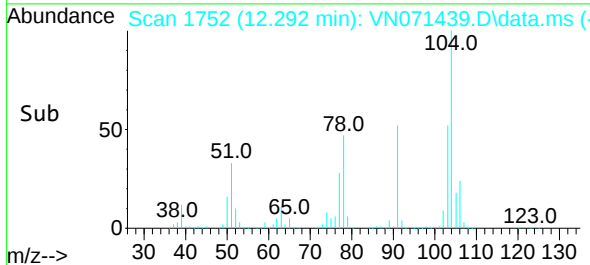
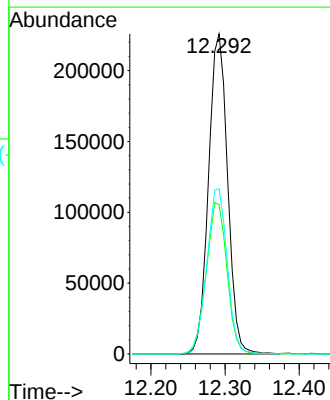
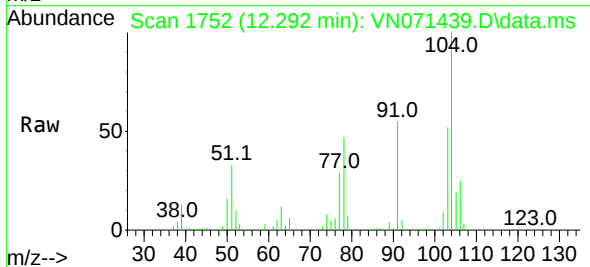
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

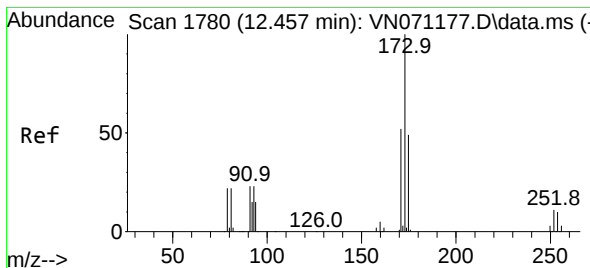
Tgt Ion:106 Resp: 255834
Ion Ratio Lower Upper
106 100
91 219.0 105.8 317.3



#70
Styrene
Concen: 19.240 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion:104 Resp: 404353
Ion Ratio Lower Upper
104 100
78 51.6 38.7 58.1
103 55.5 45.0 67.6





#71

Bromoform

Concen: 19.345 ug/l

RT: 12.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

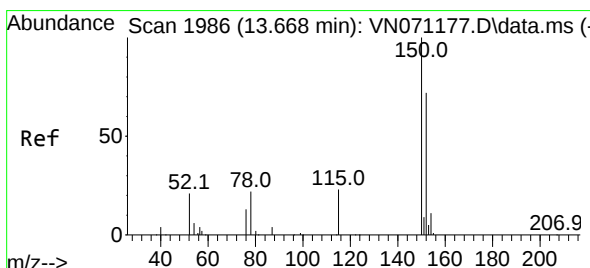
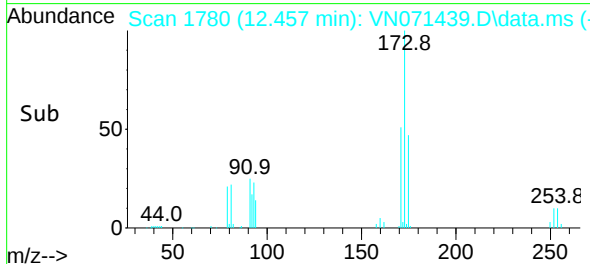
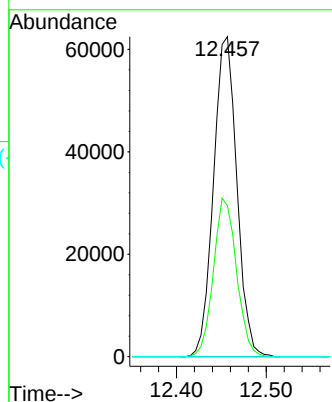
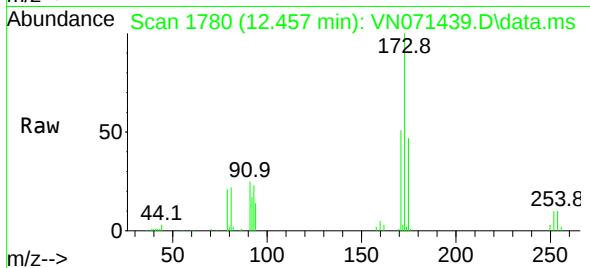
Tgt Ion:173 Resp: 112801

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

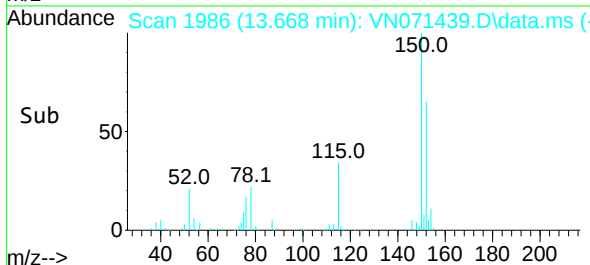
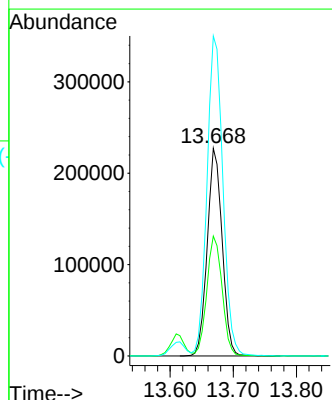
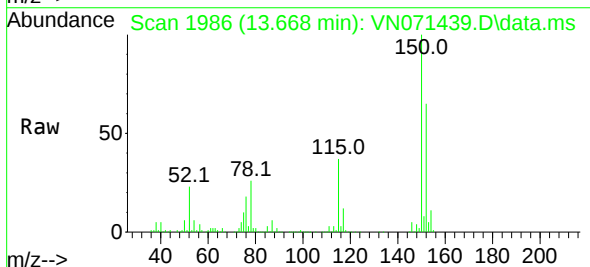
Tgt Ion:152 Resp: 371788

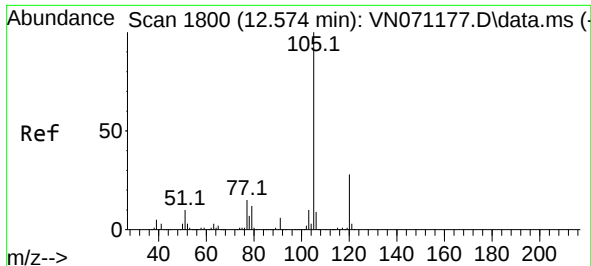
Ion Ratio Lower Upper

152 100

115 59.3 27.5 82.5

150 164.7 0.0 344.4

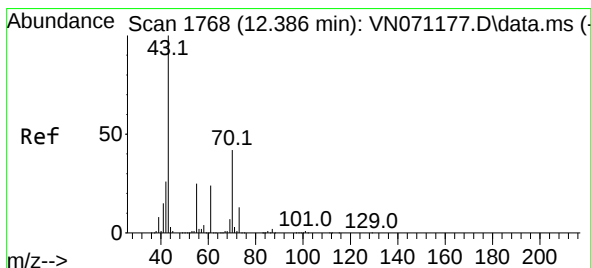
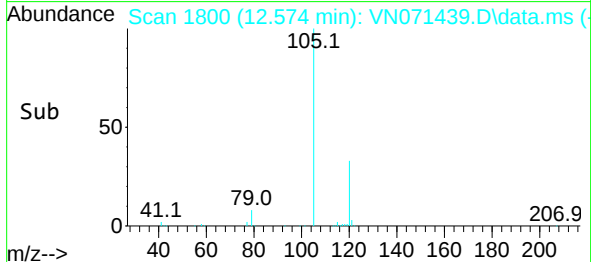
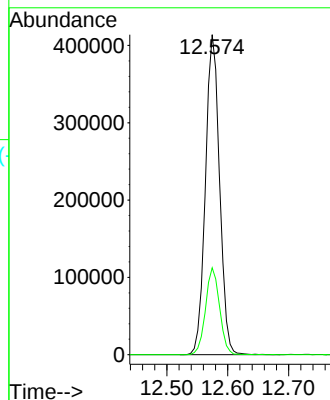
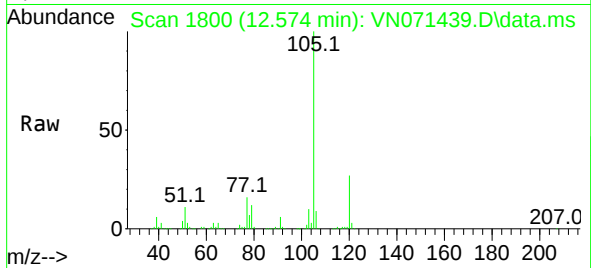




#73
Isopropylbenzene
Concen: 18.588 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

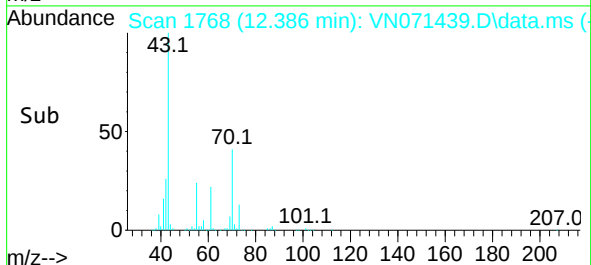
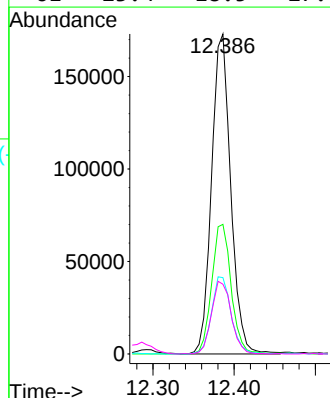
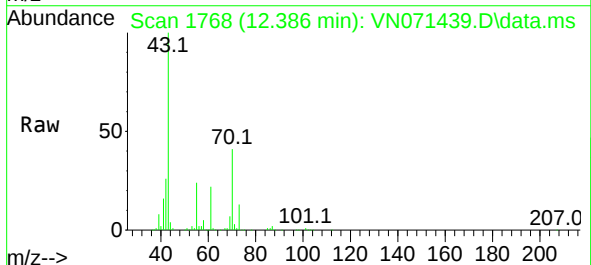
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

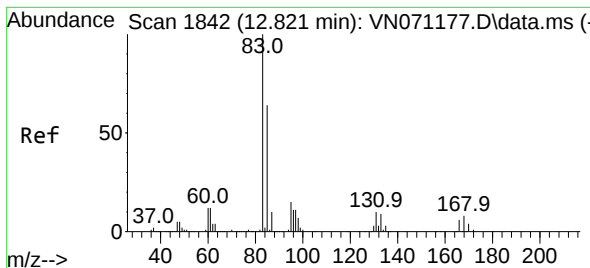
Tgt Ion:105 Resp: 666200
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 21.048 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 43 Resp: 283632
Ion Ratio Lower Upper
43 100
70 41.1 33.4 50.0
55 24.8 19.3 28.9
61 23.4 18.5 27.7

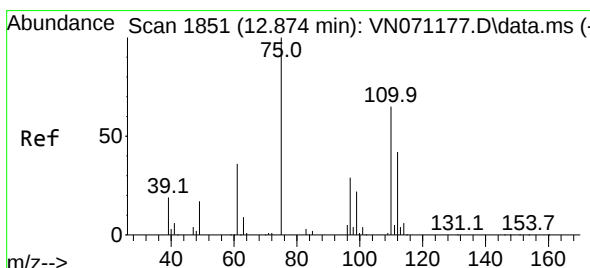
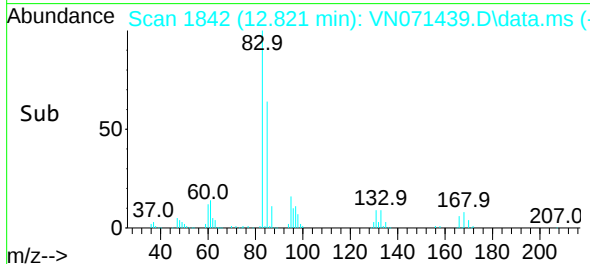
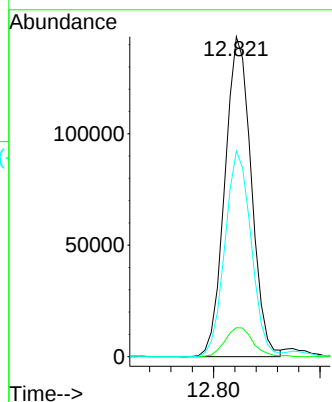
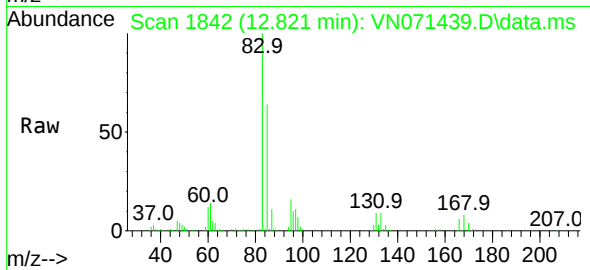




#75
1,1,2-Tetrachloroethane
Concen: 21.742 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

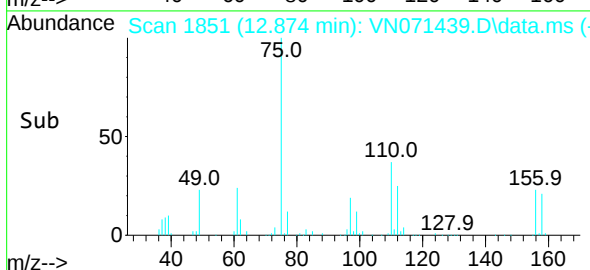
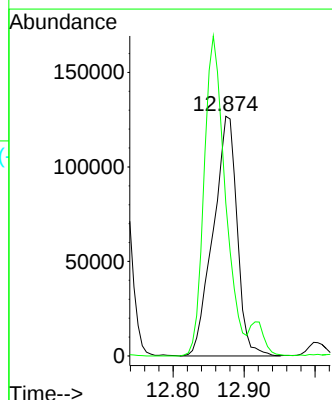
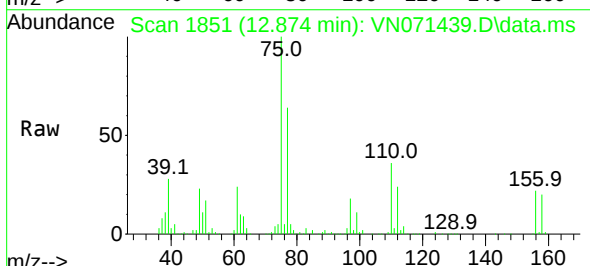
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

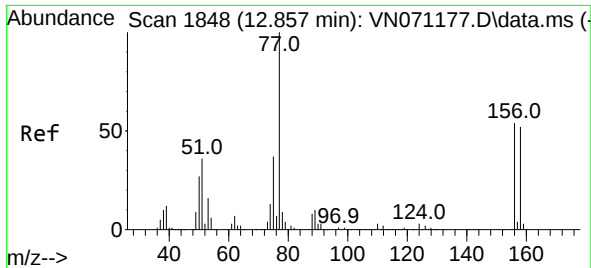
Tgt Ion: 83 Resp: 246984
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.9 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 31.825 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 75 Resp: 296015
Ion Ratio Lower Upper
75 100
77 118.9 82.6 247.8

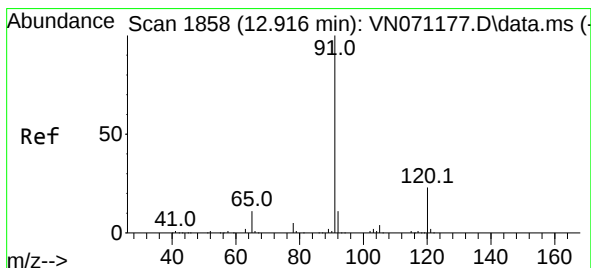
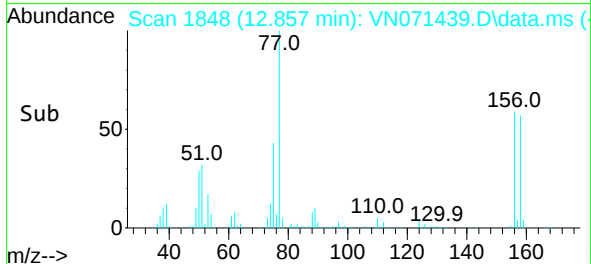
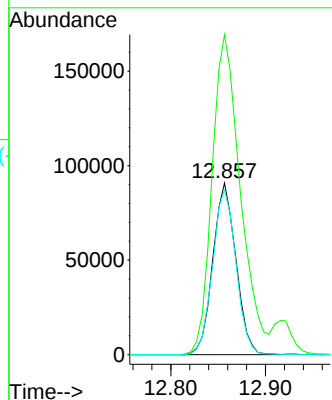
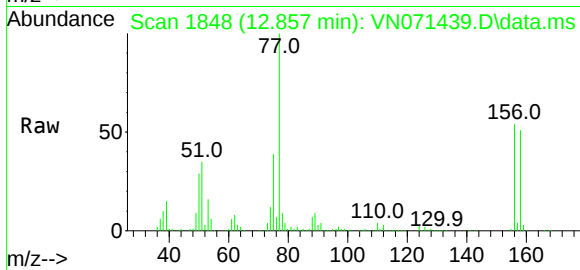




#77
Bromobenzene
Concen: 18.366 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

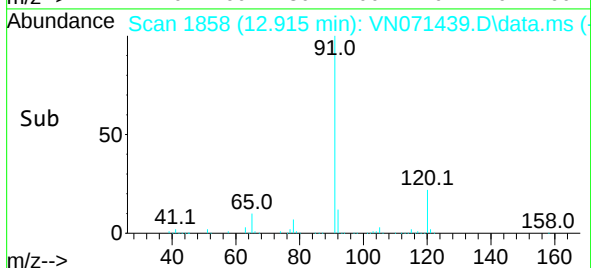
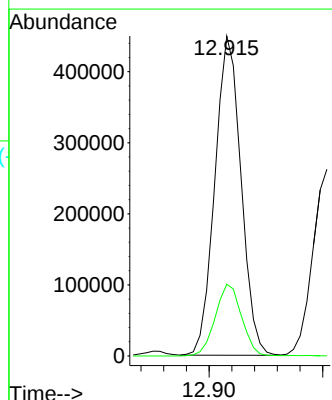
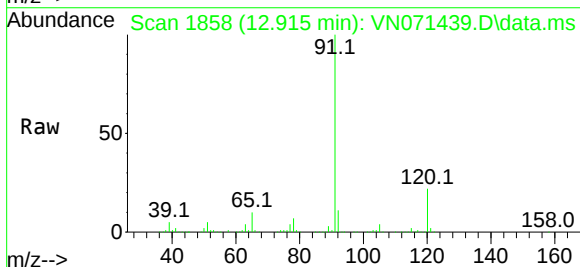
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

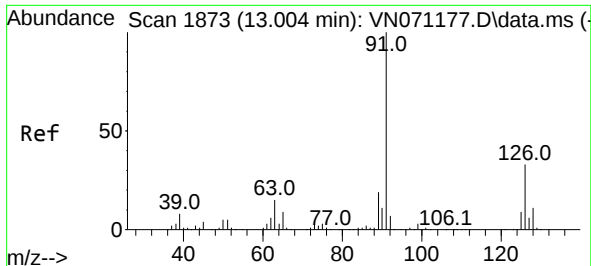
Tgt Ion:156 Resp: 153489
Ion Ratio Lower Upper
156 100
77 229.2 90.6 271.8
158 97.3 48.9 146.7



#78
n-propylbenzene
Concen: 18.661 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 91 Resp: 717674
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

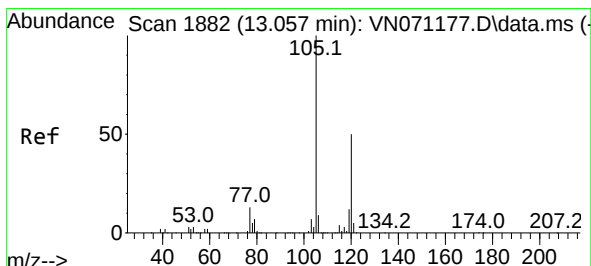
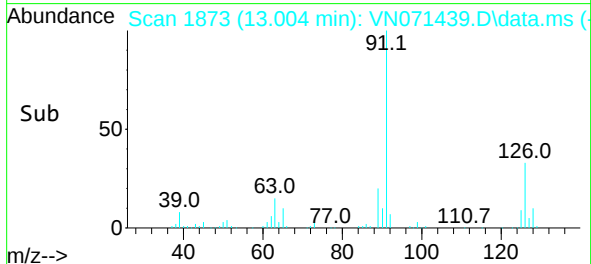
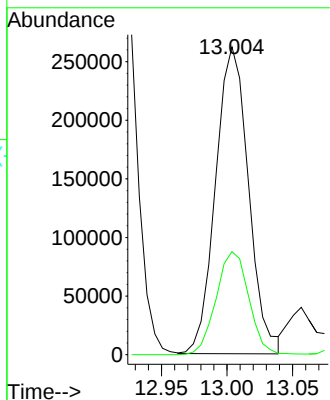
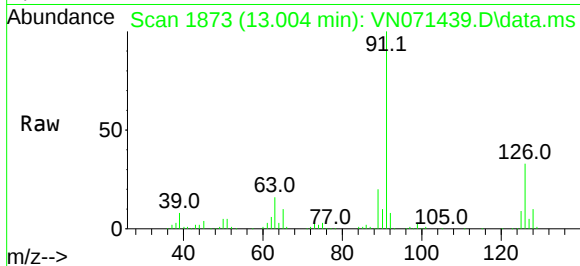




#79
2-Chlorotoluene
Concen: 18.541 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

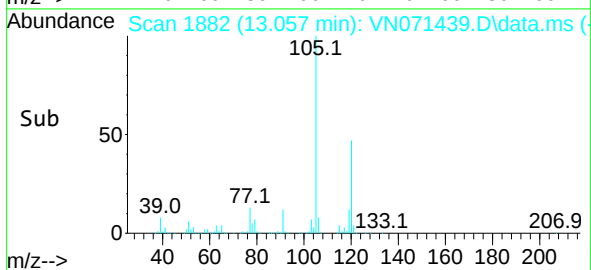
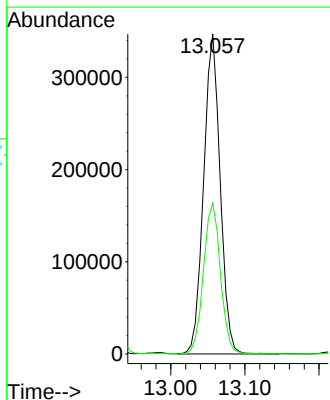
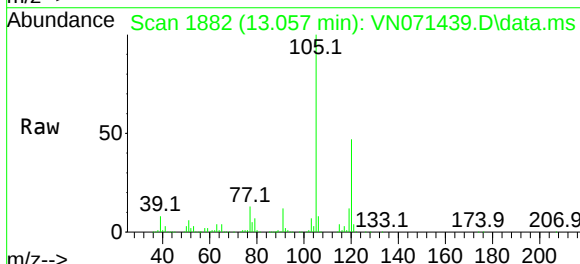
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

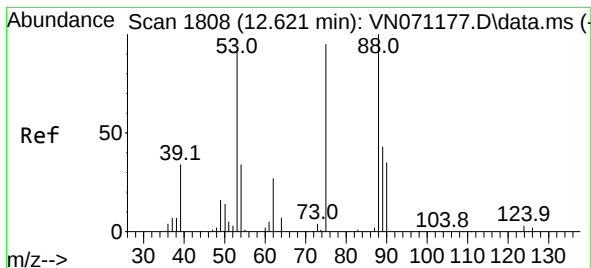
Tgt Ion: 91 Resp: 457730
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 19.320 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 105 Resp: 538694
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.6

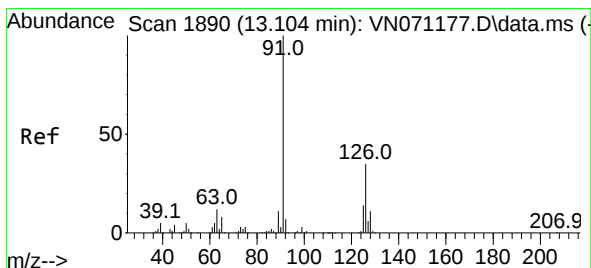
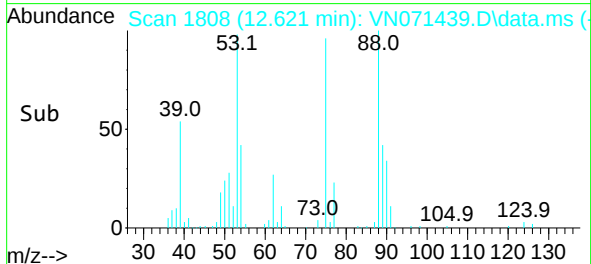
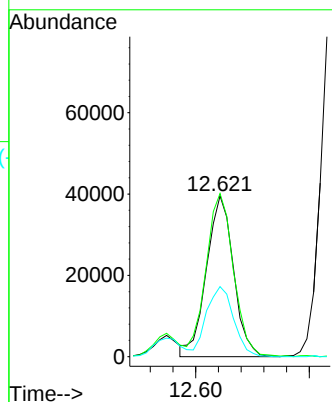
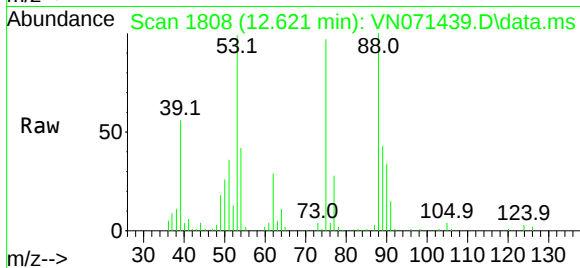




#81
trans-1,4-Dichloro-2-butene
Concen: 18.988 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

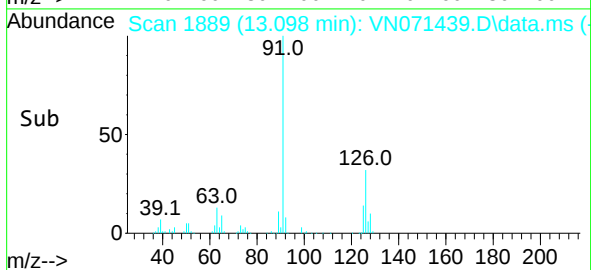
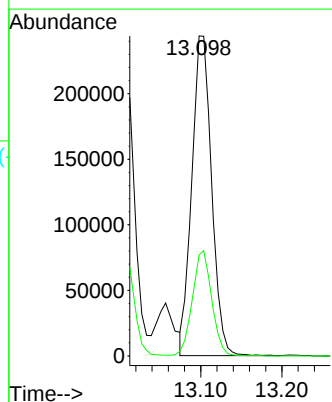
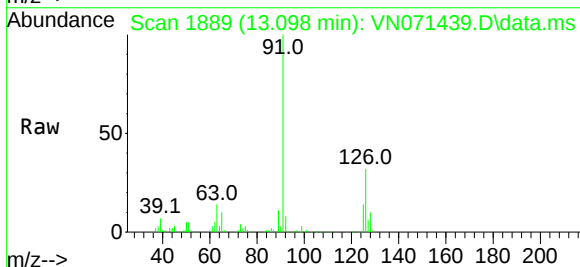
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

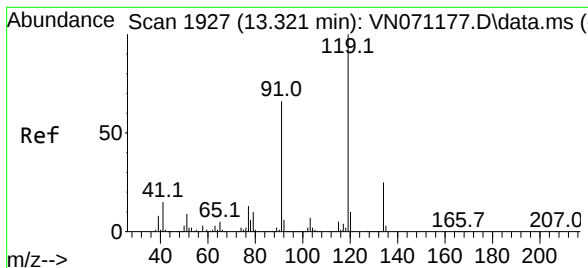
Tgt Ion: 75 Resp: 65305
Ion Ratio Lower Upper
75 100
53 103.1 90.5 135.7
89 43.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 18.779 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion: 91 Resp: 412942
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6

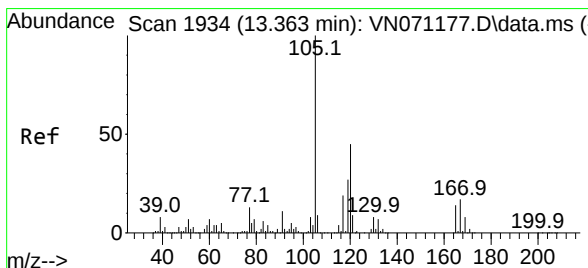
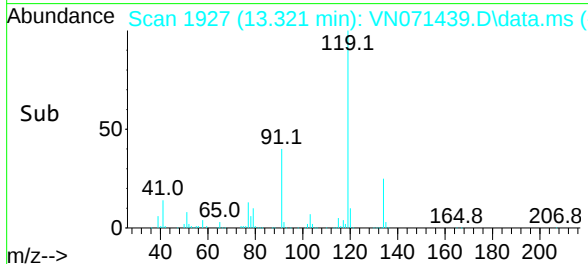
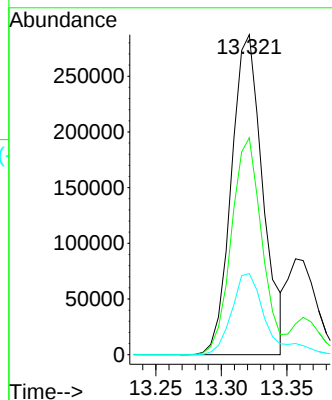
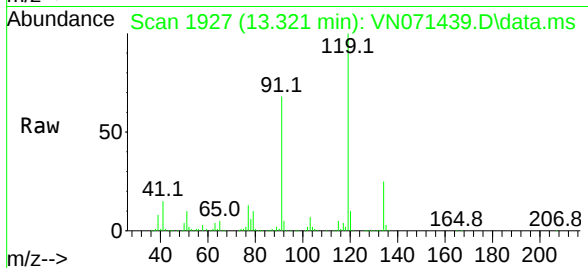




#83
 tert-Butylbenzene
 Concen: 19.280 ug/l
 RT: 13.321 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

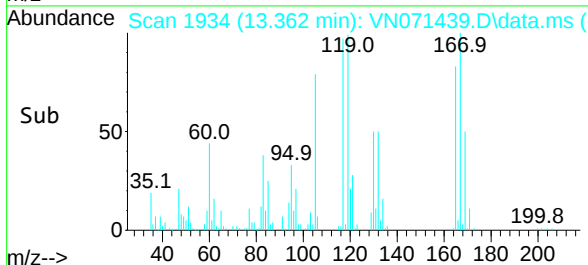
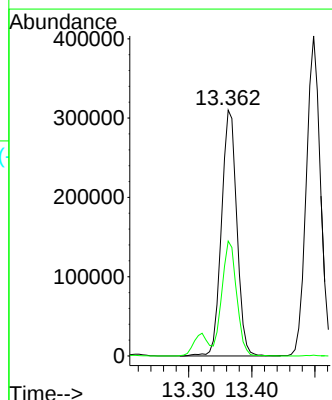
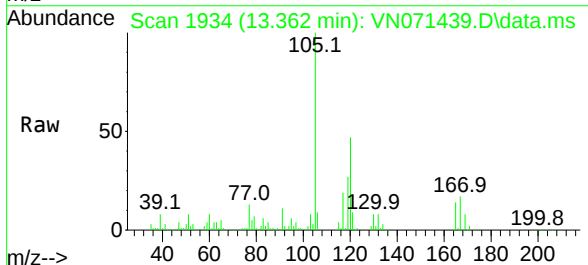
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS02

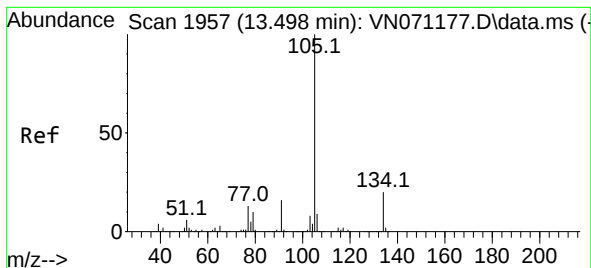
Tgt Ion:119 Resp: 479765
 Ion Ratio Lower Upper
 119 100
 91 66.7 31.5 94.5
 134 27.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.557 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

Tgt Ion:105 Resp: 522335
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 18.998 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

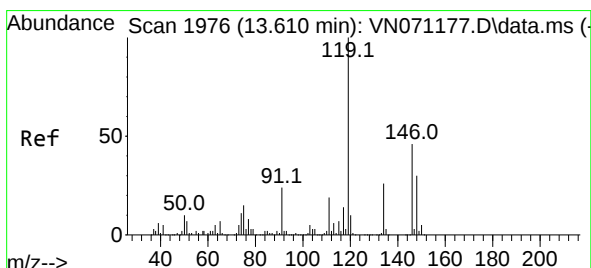
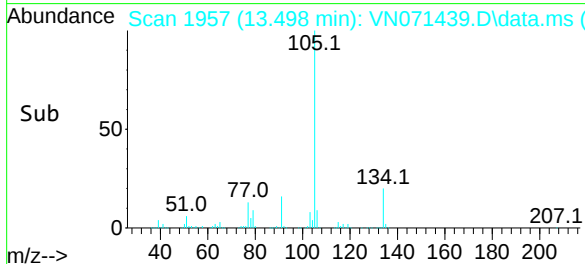
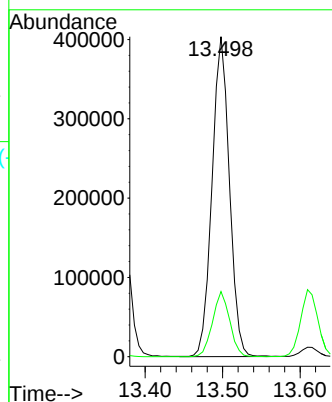
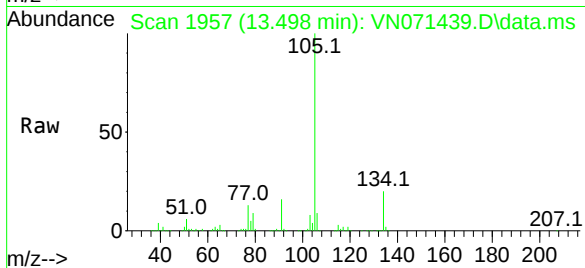
VN0321WBS02

Tgt Ion:105 Resp: 628365

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.208 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

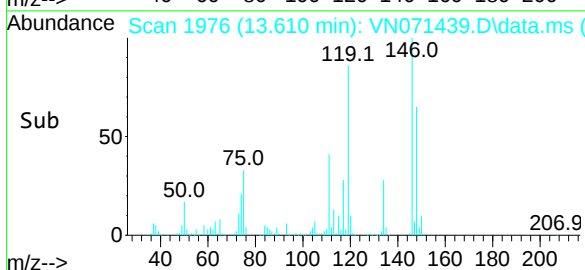
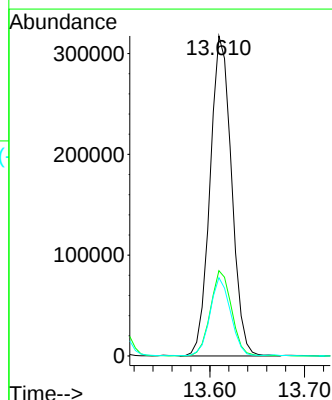
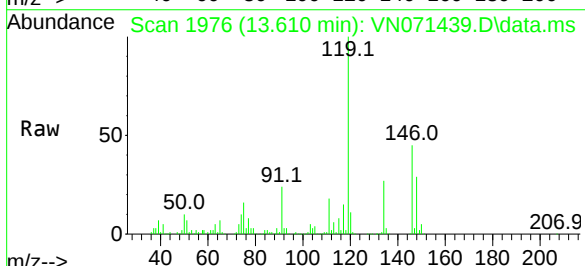
Tgt Ion:119 Resp: 499624

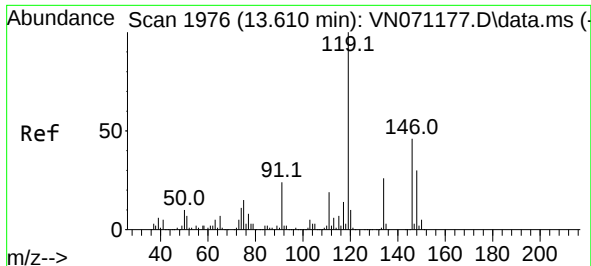
Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.102 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

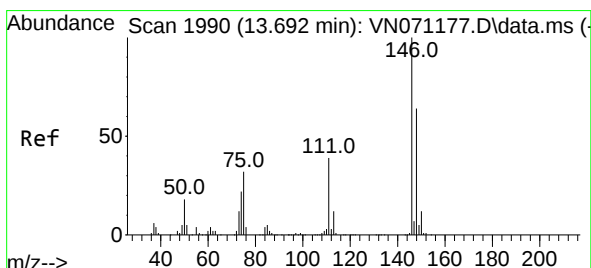
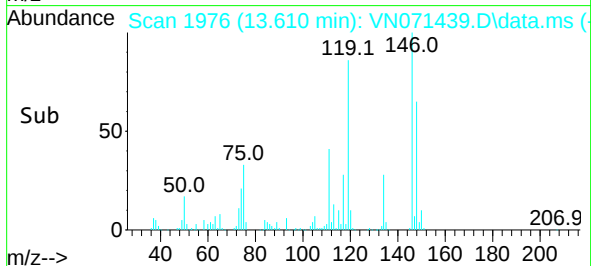
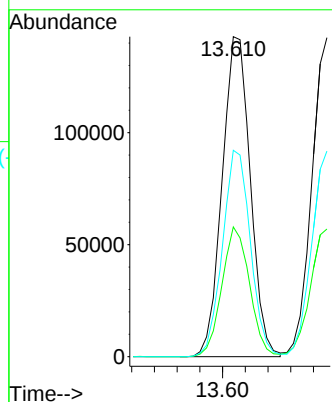
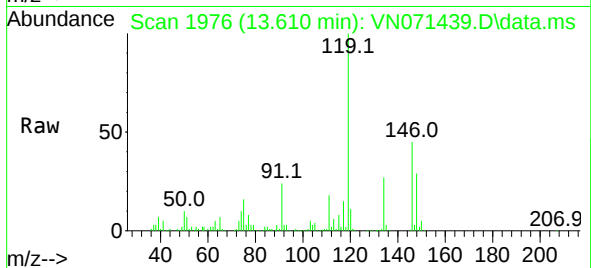
Tgt Ion:146 Resp: 245814

Ion Ratio Lower Upper

146 100

111 39.9 18.6 55.6

148 64.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 17.910 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

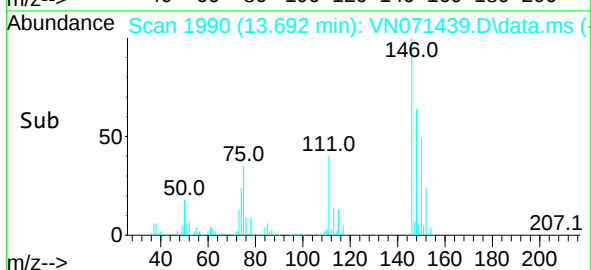
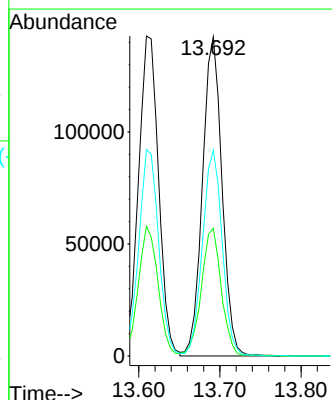
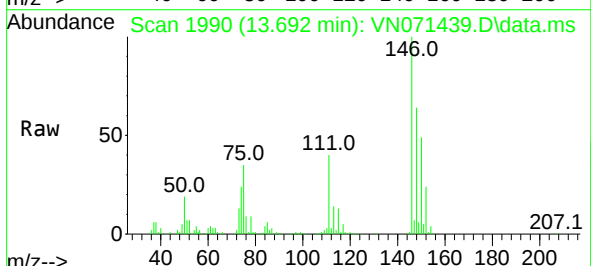
Tgt Ion:146 Resp: 237727

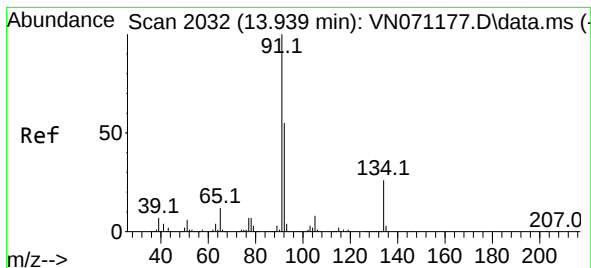
Ion Ratio Lower Upper

146 100

111 41.2 18.3 54.8

148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 17.908 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

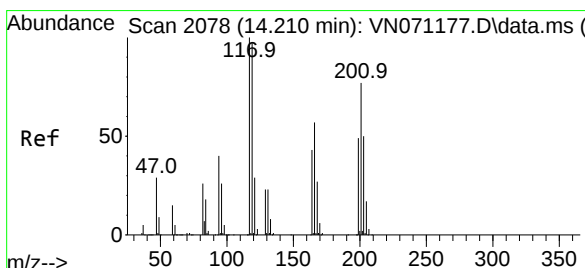
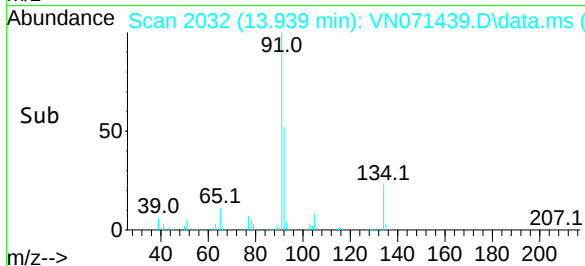
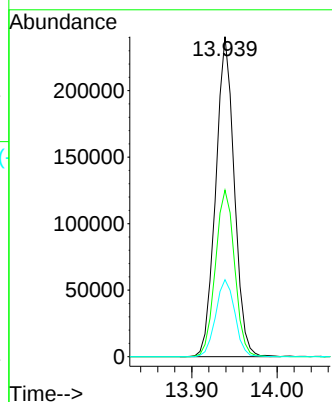
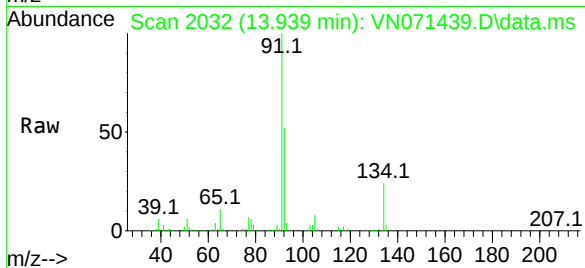
Tgt Ion: 91 Resp: 364322

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 24.8 13.6 40.8



#90

Hexachloroethane

Concen: 18.222 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VN071439.D

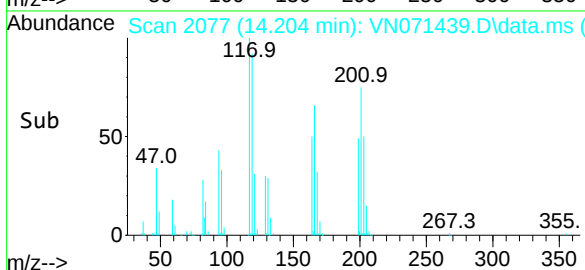
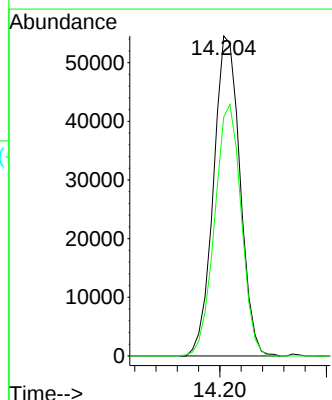
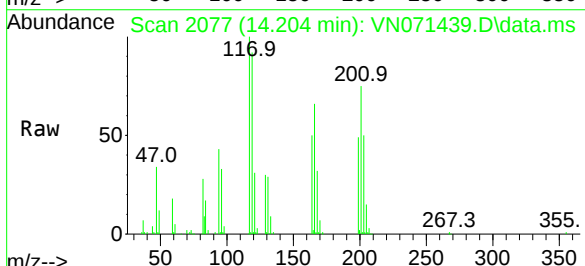
Acq: 22 Mar 2022 00:31

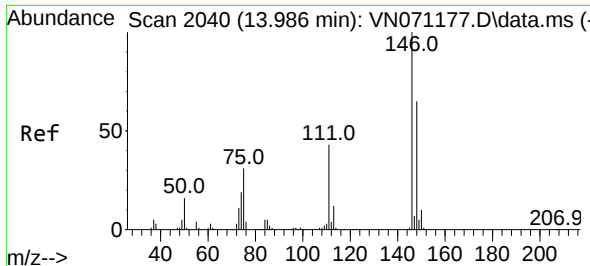
Tgt Ion: 117 Resp: 94259

Ion Ratio Lower Upper

117 100

201 78.6 43.9 131.6

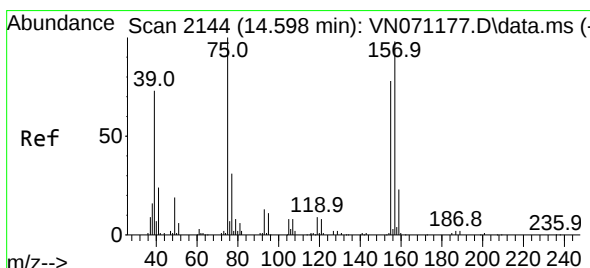
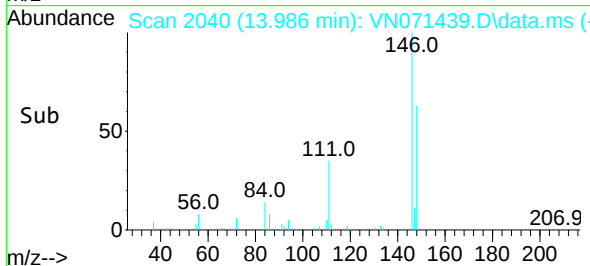
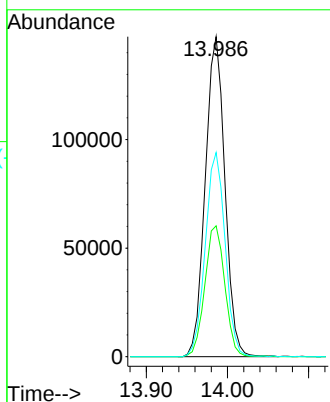
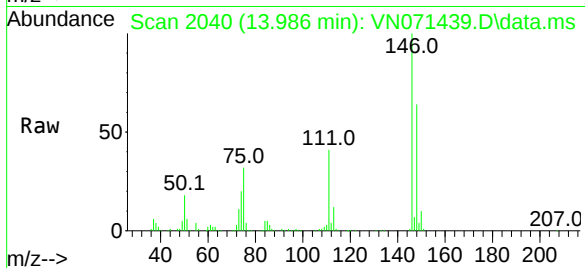




#91
 1,2-Dichlorobenzene
 Concen: 18.961 ug/l
 RT: 13.986 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

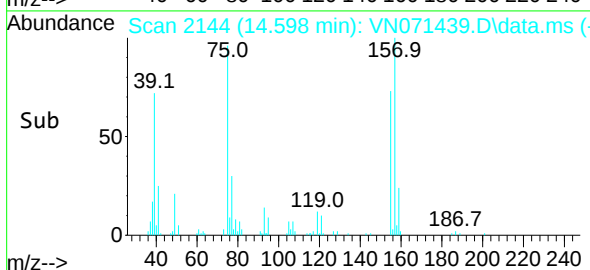
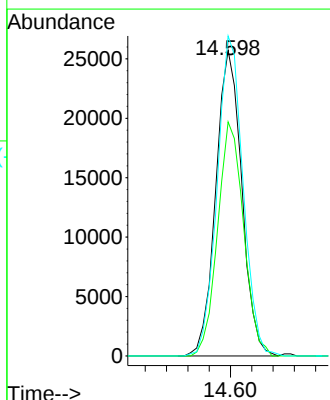
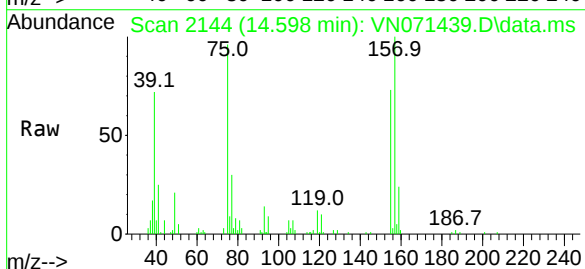
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS02

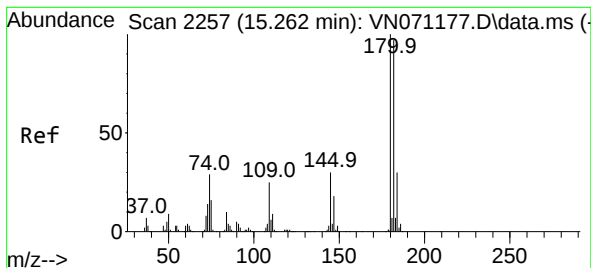
Tgt Ion:146 Resp: 247537
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.1 57.3
 148 64.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.827 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN071439.D
 Acq: 22 Mar 2022 00:31

Tgt Ion: 75 Resp: 43431
 Ion Ratio Lower Upper
 75 100
 155 76.5 46.9 140.7
 157 104.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 19.367 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBS02

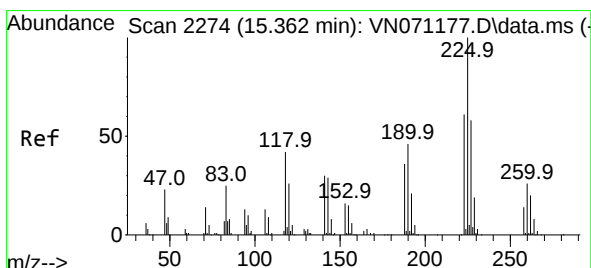
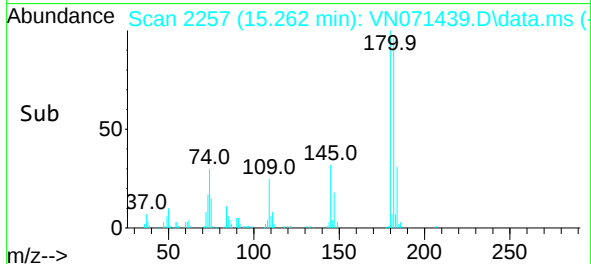
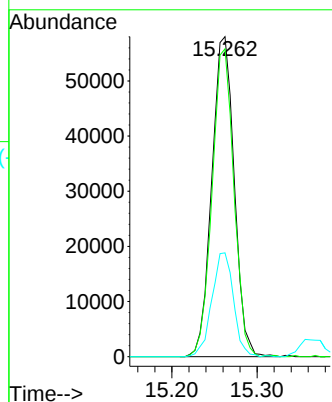
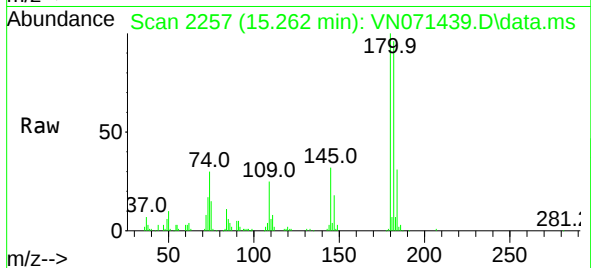
Tgt Ion:180 Resp: 106136

Ion Ratio Lower Upper

180 100

182 93.6 48.3 144.9

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.944 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN071439.D

Acq: 22 Mar 2022 00:31

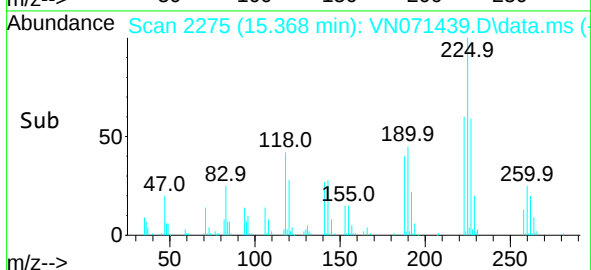
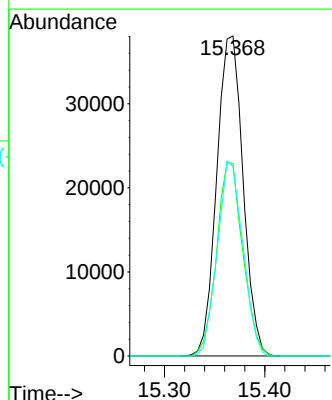
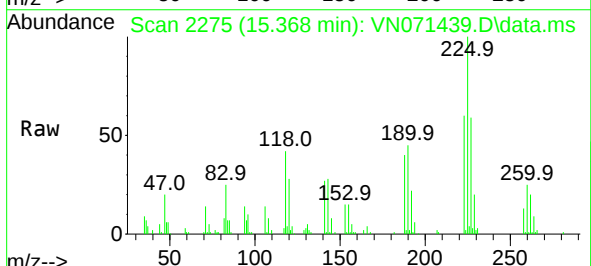
Tgt Ion:225 Resp: 69429

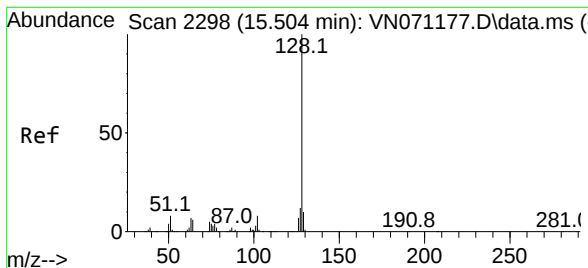
Ion Ratio Lower Upper

225 100

223 60.2 31.9 95.7

227 59.2 32.1 96.3

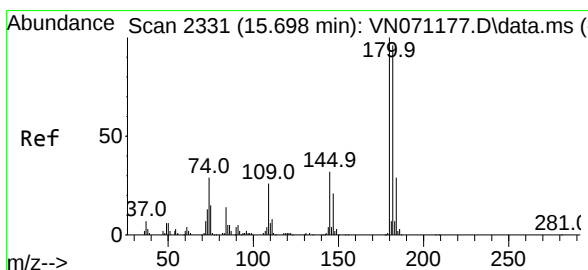
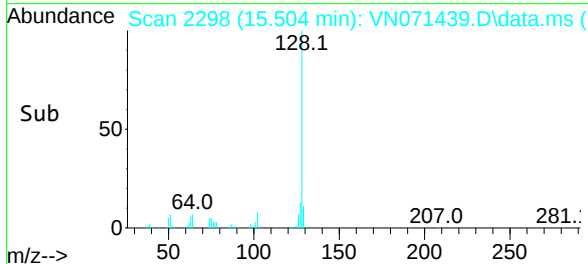
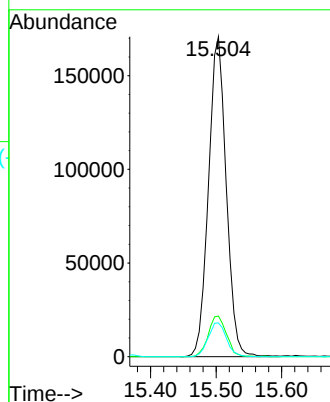
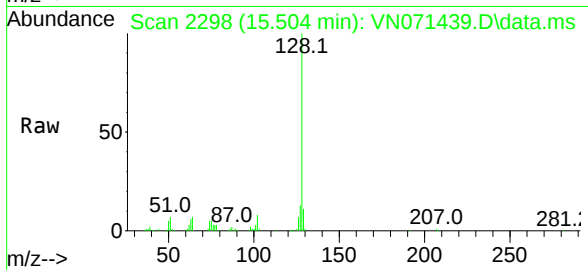




#95
Naphthalene
Concen: 21.984 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS02

Tgt Ion:128 Resp: 320843
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.293 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071439.D
Acq: 22 Mar 2022 00:31

Tgt Ion:180 Resp: 108428
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.6 15.0 45.1

