

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071440.D
 Acq On : 22 Mar 2022 00:55
 Operator : JC\MD
 Sample : VN0321WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

Quant Time: Mar 22 06:28:20 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	8.081	168	607242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1012676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	924649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	366686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438488	52.687	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.380%	
35) Dibromofluoromethane	8.016	113	330896	51.781	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.560%	
50) Toluene-d8	10.439	98	1300449	50.543	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.727	95	441342	50.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	111029	16.683	ug/l	100
3) Chloromethane	2.299	50	162015	18.111	ug/l	99
4) Vinyl Chloride	2.440	62	147173	18.045	ug/l	96
5) Bromomethane	2.828	94	78727	17.764	ug/l	94
6) Chloroethane	2.999	64	94539	19.140	ug/l	99
7) Trichlorofluoromethane	3.363	101	203390	18.946	ug/l	99
8) Diethyl Ether	3.822	74	90496	19.700	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	114568	18.436	ug/l	97
10) Methyl Iodide	4.422	142	152435	17.367	ug/l	98
11) Tert butyl alcohol	5.363	59	183156	112.027	ug/l	98
12) 1,1-Dichloroethene	4.181	96	113395	18.627	ug/l	95
13) Acrolein	4.034	56	80749	46.663	ug/l	97
14) Allyl chloride	4.840	41	245083	18.510	ug/l	87
15) Acrylonitrile	5.551	53	503558	103.728	ug/l	99
16) Acetone	4.281	43	430486	106.307	ug/l	100
17) Carbon Disulfide	4.528	76	262450	15.143	ug/l	100
18) Methyl Acetate	4.851	43	248891	23.140	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	471786	20.641	ug/l	96
20) Methylene Chloride	5.087	84	145150	19.844	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	120101	18.036	ug/l	91
22) Diisopropyl ether	6.487	45	528502	20.260	ug/l	94
23) Vinyl Acetate	6.428	43	2283647	103.409	ug/l	98
24) 1,1-Dichloroethane	6.381	63	273603	19.849	ug/l	100
25) 2-Butanone	7.328	43	710771	108.961	ug/l	96
26) 2,2-Dichloropropane	7.322	77	182195	17.133	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	157159	19.886	ug/l	91
28) Bromochloromethane	7.651	49	101127	16.475	ug/l #	80
29) Tetrahydrofuran	7.681	42	482062	106.672	ug/l	92
30) Chloroform	7.816	83	261323	19.877	ug/l	100
31) Cyclohexane	8.086	56	239361	18.010	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	225693	20.154	ug/l	97
36) 1,1-Dichloropropene	8.216	75	186309	18.197	ug/l	97
37) Ethyl Acetate	7.410	43	285286	20.246	ug/l	97
38) Carbon Tetrachloride	8.204	117	189026	19.087	ug/l	99
39) Methylcyclohexane	9.457	83	212539	17.646	ug/l	96
40) Benzene	8.457	78	594105	19.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	144820	21.001	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	215378	20.063	ug/l	99
43) Isopropyl Acetate	8.557	43	442869	21.017	ug/l #	94
44) Trichloroethene	9.210	130	136615	18.769	ug/l	99
45) 1,2-Dichloropropane	9.486	63	161052	19.448	ug/l	98
46) Dibromomethane	9.575	93	100239	19.667	ug/l	97
47) Bromodichloromethane	9.757	83	202749	19.684	ug/l	96
48) Methyl methacrylate	9.557	41	186622	19.111	ug/l #	88
49) 1,4-Dioxane	9.569	88	76463	450.476	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1403876	107.352	ug/l	99
52) Toluene	10.504	92	367073	19.324	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	216907	19.103	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	237529	19.146	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	150020	19.709	ug/l	98
56) Ethyl methacrylate	10.757	69	254936	20.509	ug/l	92
57) 1,3-Dichloropropane	11.039	76	267847	19.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	267492	118.873	ug/l	94
59) 2-Hexanone	11.080	43	1040207	116.579	ug/l	100
60) Dibromochloromethane	11.233	129	150856	19.946	ug/l	100
61) 1,2-Dibromoethane	11.339	107	153518	19.733	ug/l	97
64) Tetrachloroethene	10.975	164	116829	18.116	ug/l	98
65) Chlorobenzene	11.763	112	379780	19.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	144901	19.901	ug/l	98
67) Ethyl Benzene	11.839	91	686292	19.547	ug/l	97
68) m/p-Xylenes	11.951	106	512733	39.919	ug/l	99
69) o-Xylene	12.274	106	259305	20.140	ug/l	98
70) Styrene	12.292	104	409267	20.535	ug/l	97
71) Bromoform	12.451	173	111714	20.203	ug/l #	99
73) Isopropylbenzene	12.574	105	660284	18.680	ug/l	99
74) N-amyl acetate	12.380	43	288879	21.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	241602	21.542	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	296296	32.343	ug/l	64
77) Bromobenzene	12.857	156	155607	18.878	ug/l	81
78) n-propylbenzene	12.916	91	713785	18.818	ug/l	96
79) 2-Chlorotoluene	13.004	91	454402	18.662	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	519548	18.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	62569	18.445	ug/l	99
82) 4-Chlorotoluene	13.098	91	417005	19.227	ug/l	95
83) tert-Butylbenzene	13.321	119	480057	19.560	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	510819	19.392	ug/l	98
85) sec-Butylbenzene	13.498	105	631560	19.361	ug/l	99
86) p-Isopropyltoluene	13.610	119	498188	19.419	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	252048	18.820	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	245505	18.753	ug/l	97
89) n-Butylbenzene	13.939	91	364169	18.149	ug/l	96
90) Hexachloroethane	14.204	117	95020	18.625	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	248213	19.277	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43892	21.341	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	109382	20.103	ug/l	100
94) Hexachlorobutadiene	15.368	225	68681	19.001	ug/l	98
95) Naphthalene	15.504	128	339046	23.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	112730	21.244	ug/l	98

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QLast Update : Tue Mar 08 06:52:46 2022
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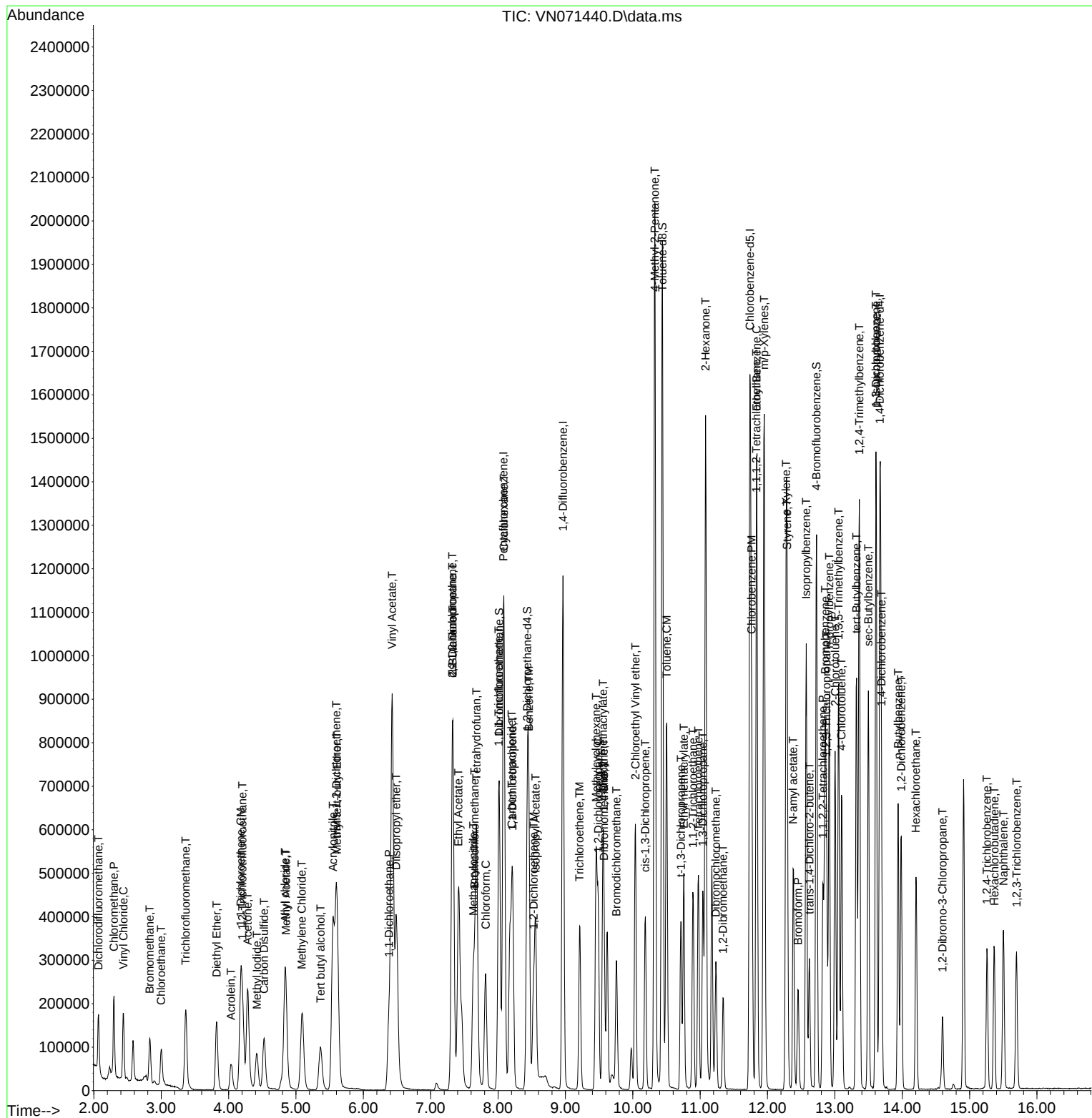
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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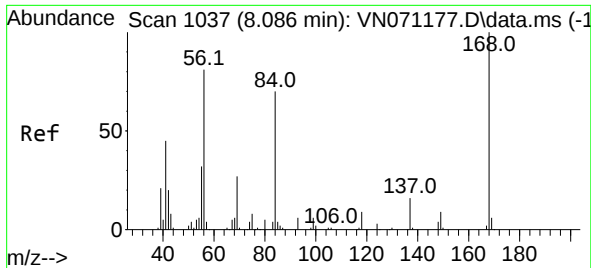
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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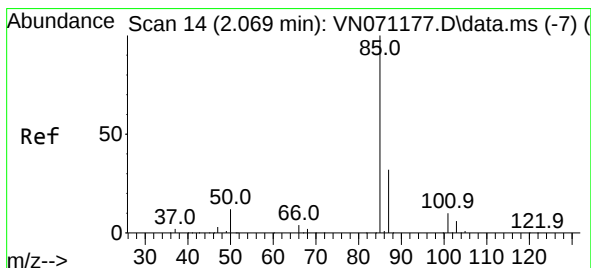
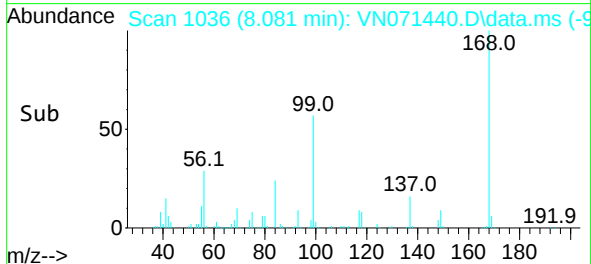
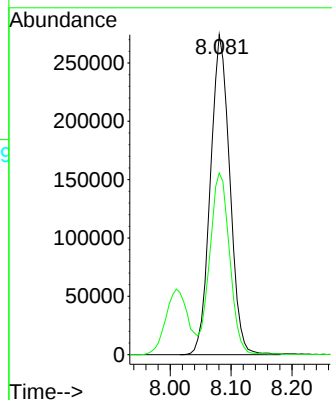
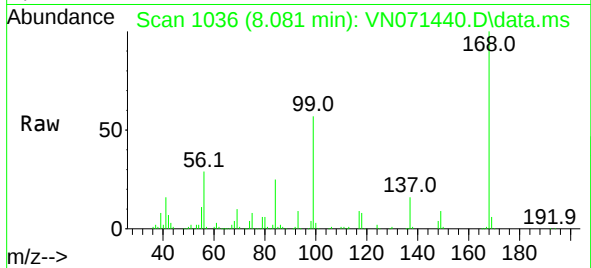




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.005 min
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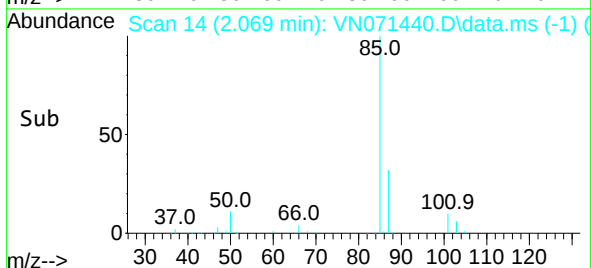
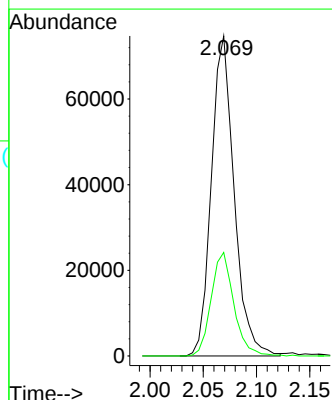
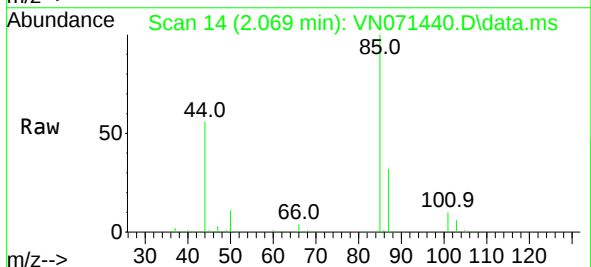
Instrument :
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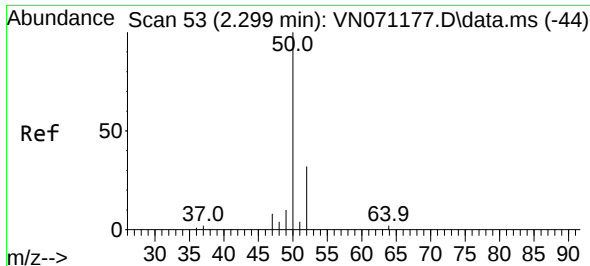
Tgt Ion:168 Resp: 607242
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 16.683 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 85 Resp: 111029
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9

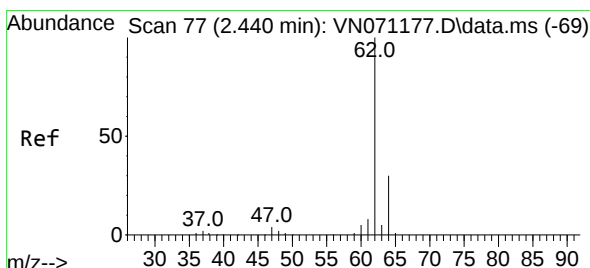
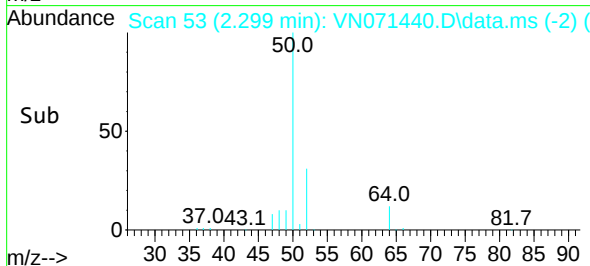
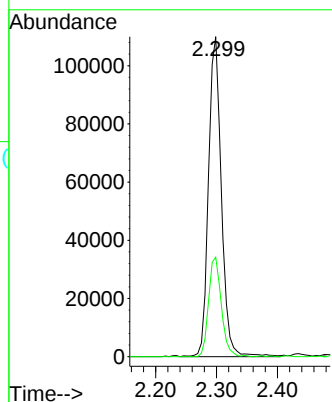
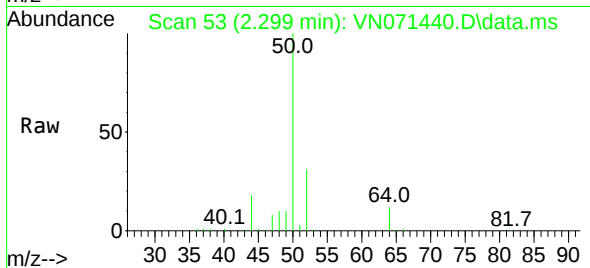




#3
Chloromethane
Concen: 18.111 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

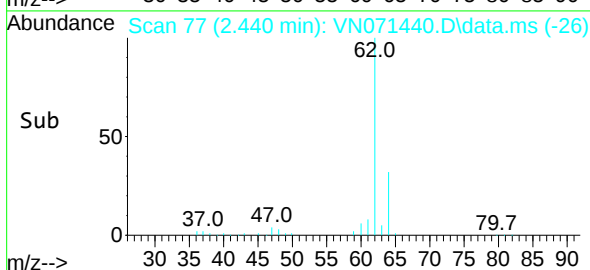
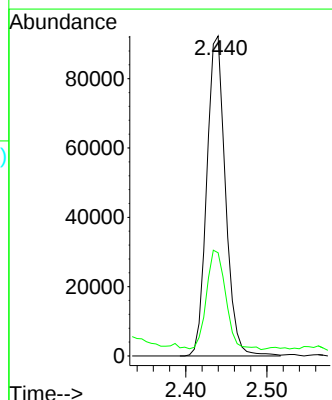
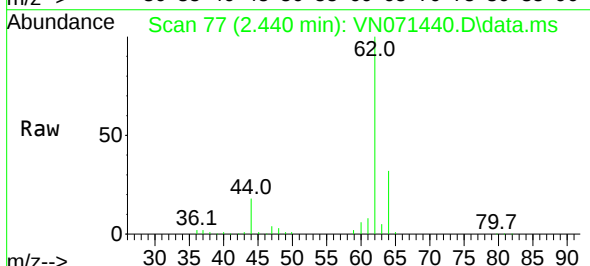
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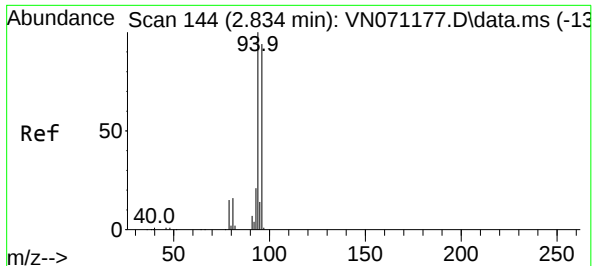
Tgt Ion: 50 Resp: 162015
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0



#4
Vinyl Chloride
Concen: 18.045 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 62 Resp: 147173
Ion Ratio Lower Upper
62 100
64 29.9 25.8 38.6

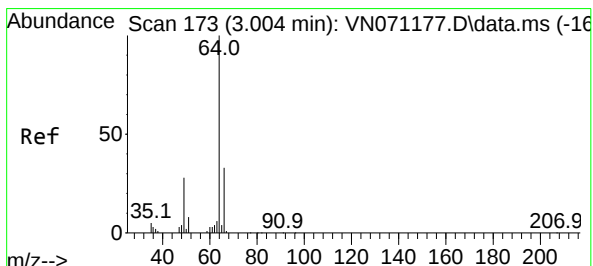
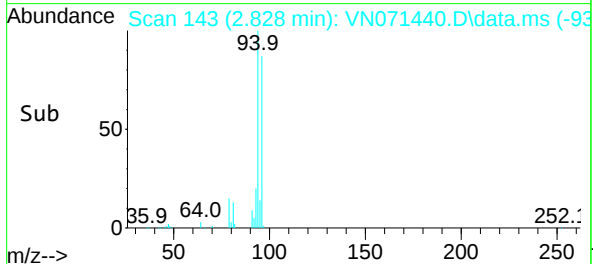
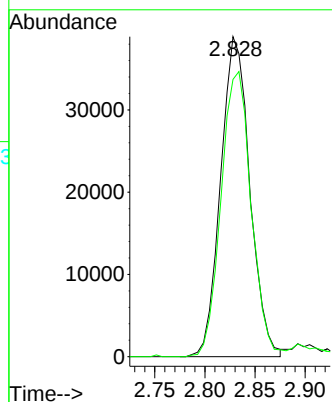
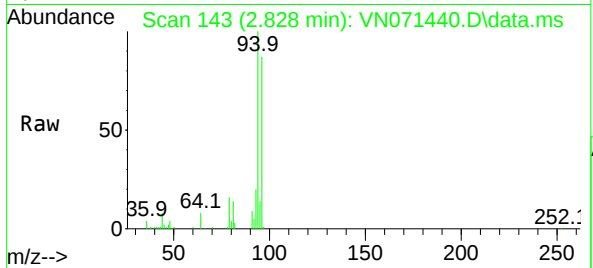




#5
Bromomethane
Concen: 17.764 ug/l
RT: 2.828 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN071440.D
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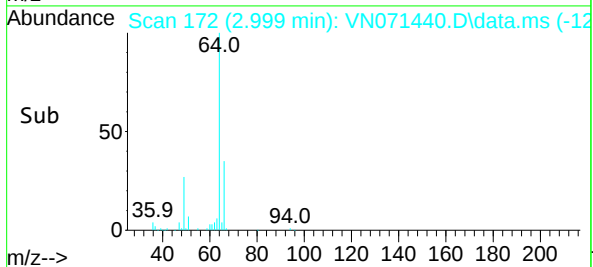
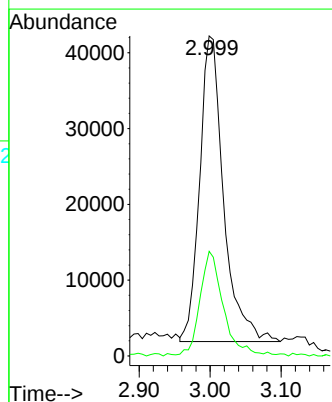
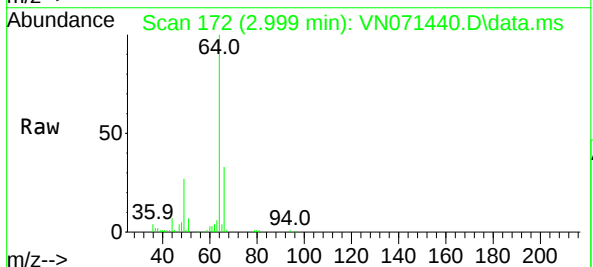
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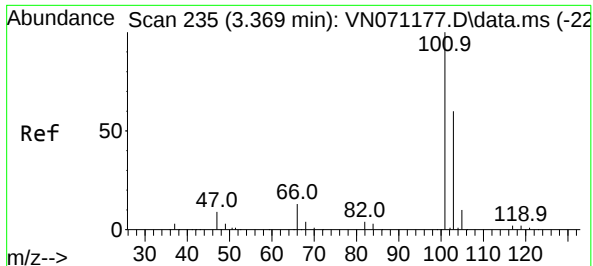
Tgt Ion: 94 Resp: 78727
Ion Ratio Lower Upper
94 100
96 86.7 73.8 110.8



#6
Chloroethane
Concen: 19.140 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
Lab File: VN071440.D
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Tgt Ion: 64 Resp: 94539
Ion Ratio Lower Upper
64 100
66 33.7 26.3 39.5

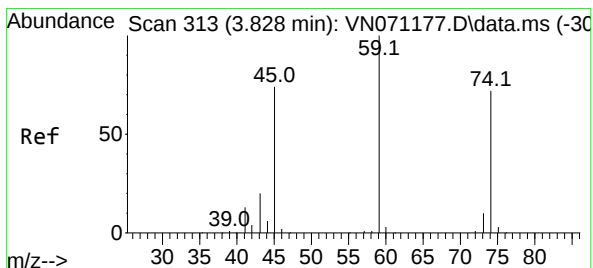
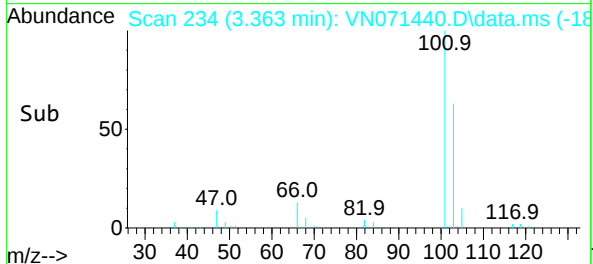
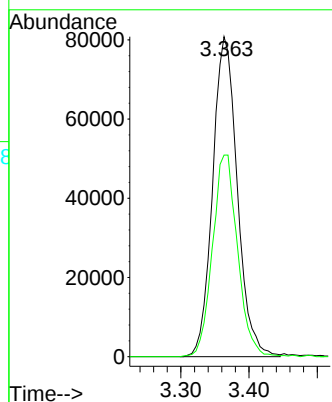
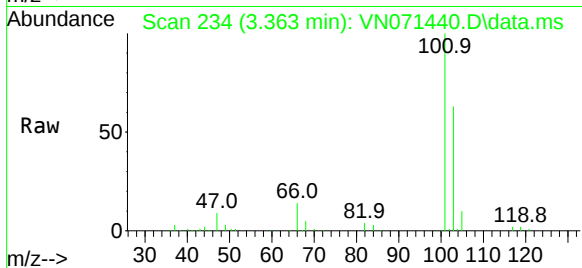




#7
 Trichlorofluoromethane
 Concen: 18.946 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

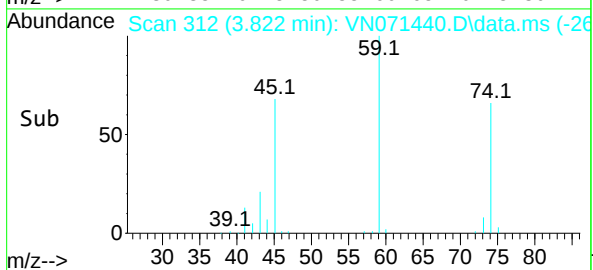
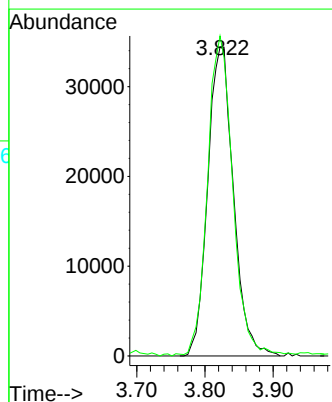
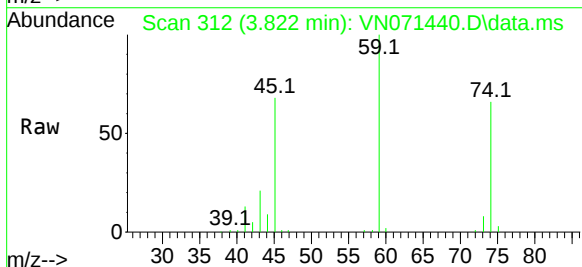
Instrument :
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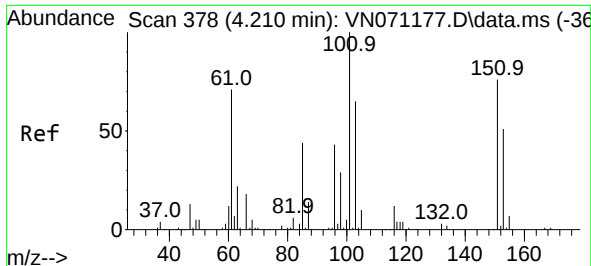
Tgt Ion:101 Resp: 203390
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.700 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

Tgt Ion: 74 Resp: 90496
 Ion Ratio Lower Upper
 74 100
 45 102.1 47.0 141.2

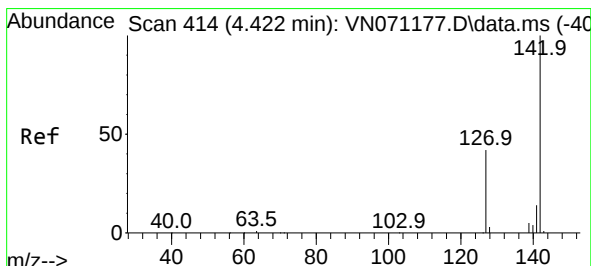
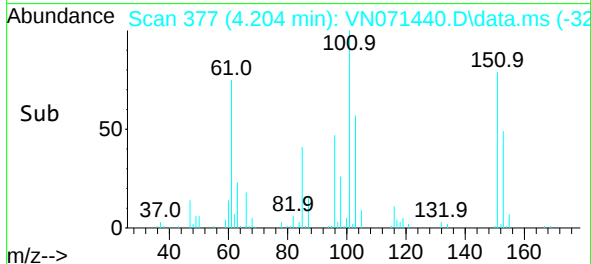
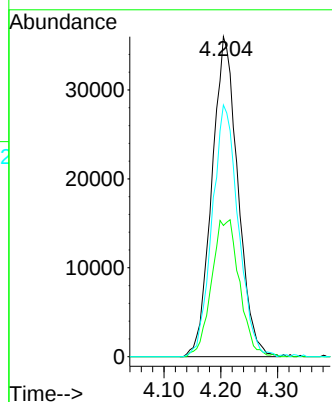
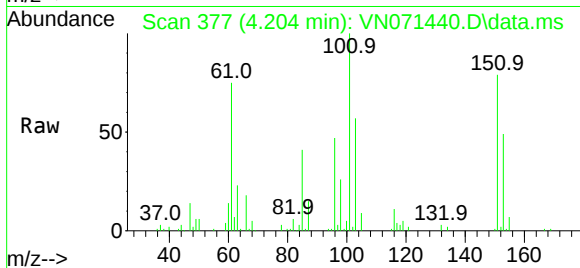




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.436 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

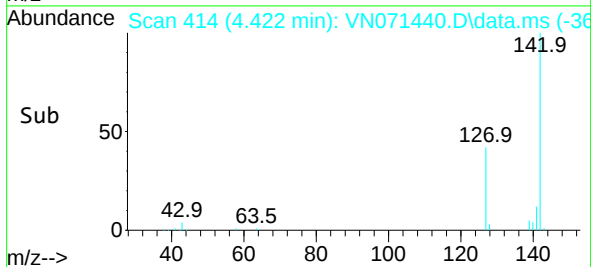
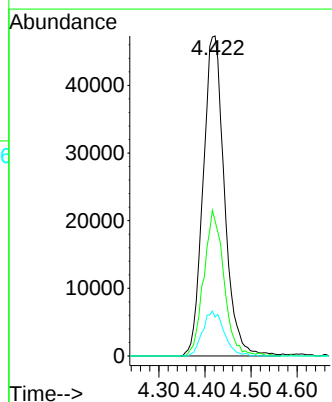
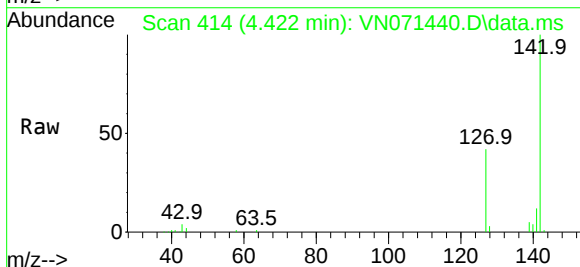
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

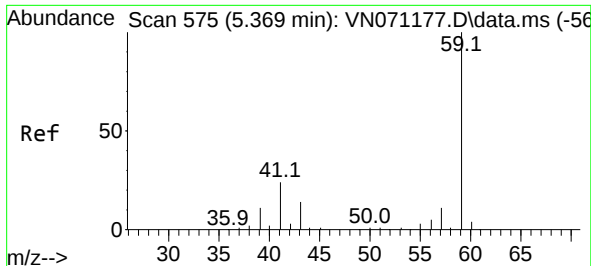
Tgt Ion:101 Resp: 114568
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 79.1 65.9 98.9



#10
Methyl Iodide
Concen: 17.367 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion:142 Resp: 152435
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.0
141 14.0 11.6 17.4

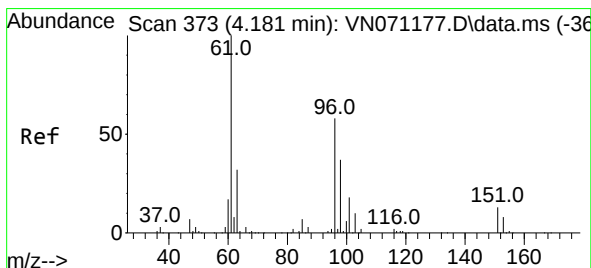
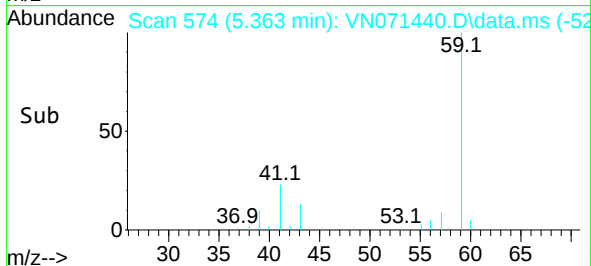
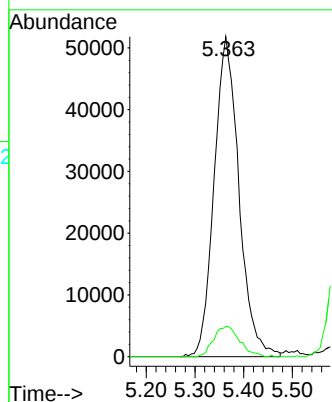
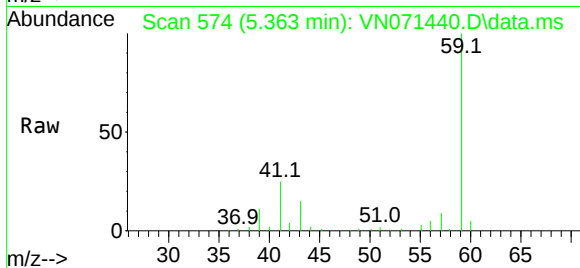




#11
Tert butyl alcohol
Concen: 112.027 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

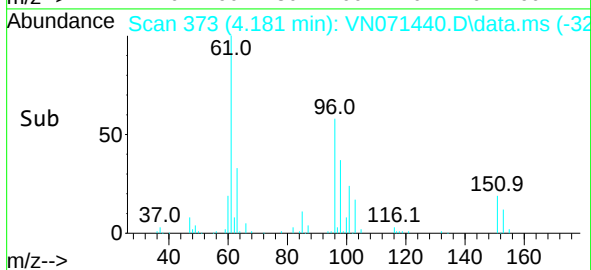
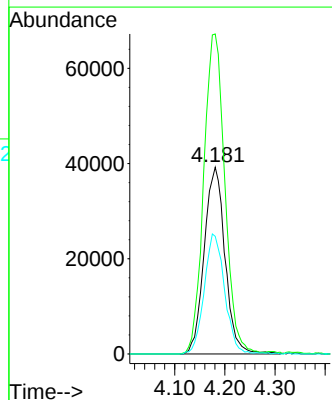
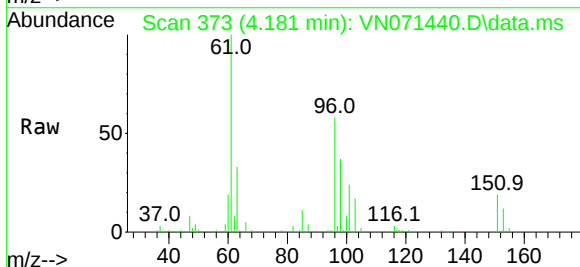
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

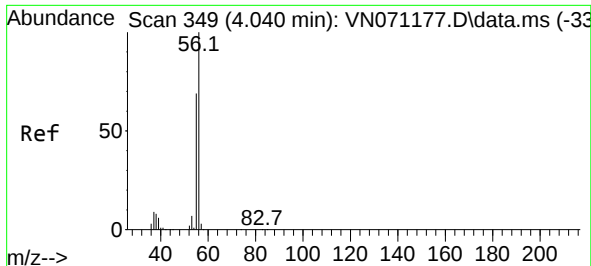
Tgt Ion: 59 Resp: 183156
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.627 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 96 Resp: 113395
Ion Ratio Lower Upper
96 100
61 171.3 131.0 196.6
98 62.9 52.4 78.6

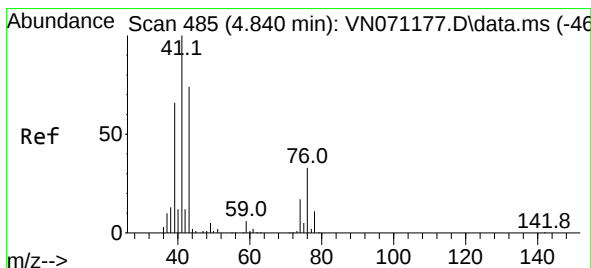
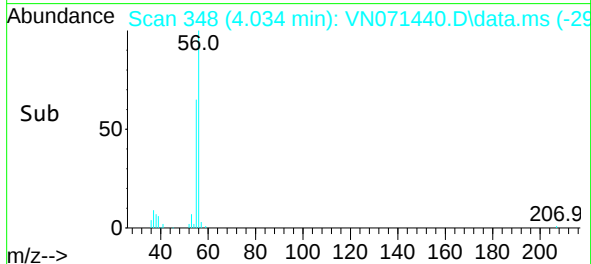
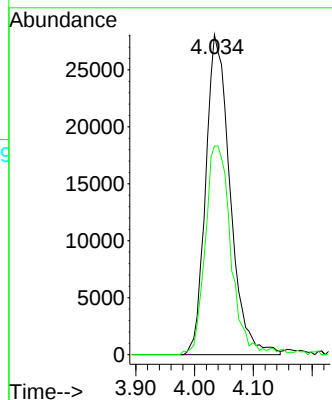
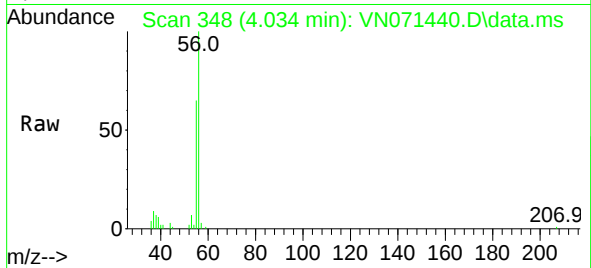




#13
Acrolein
Concen: 46.663 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

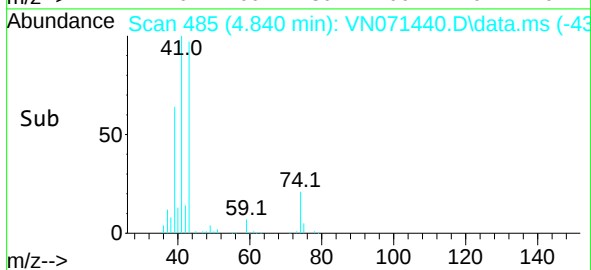
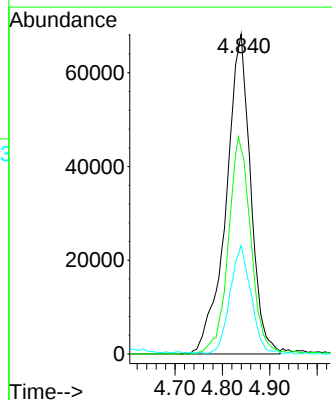
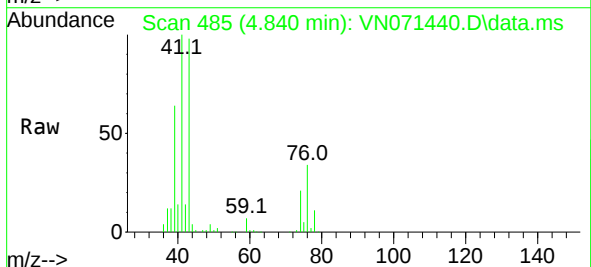
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

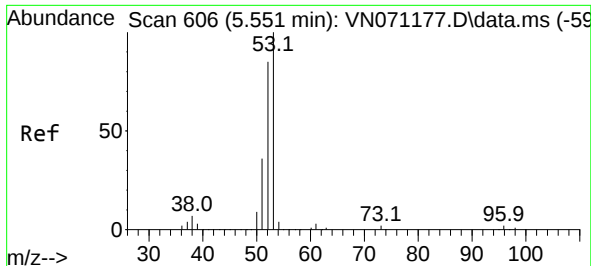
Tgt Ion: 56 Resp: 80749
Ion Ratio Lower Upper
56 100
55 68.0 56.6 85.0



#14
Allyl chloride
Concen: 18.510 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 41 Resp: 245083
Ion Ratio Lower Upper
41 100
39 62.3 61.2 91.8
76 29.1 26.0 39.0

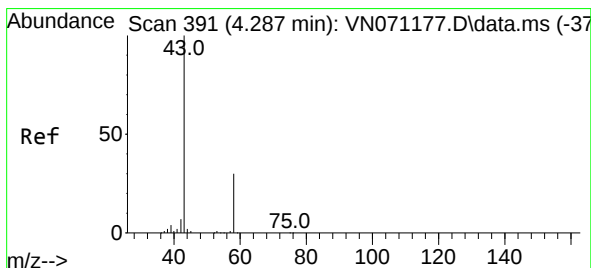
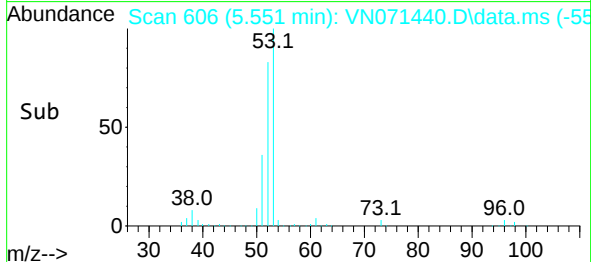
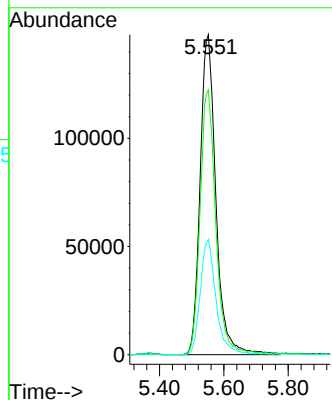
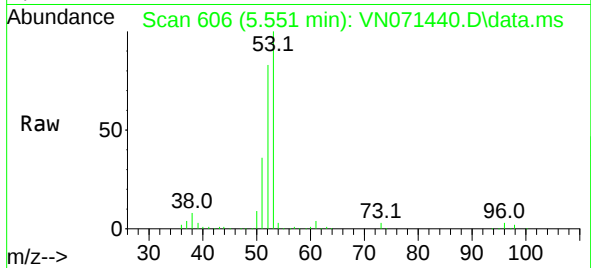




#15
Acrylonitrile
Concen: 103.728 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

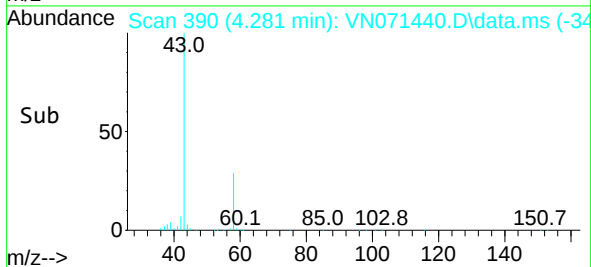
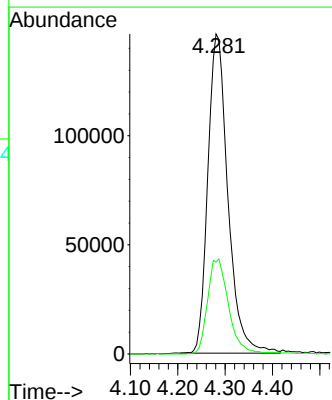
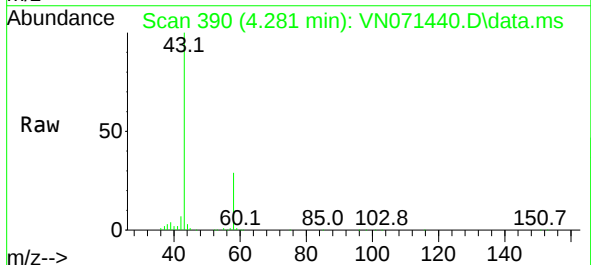
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

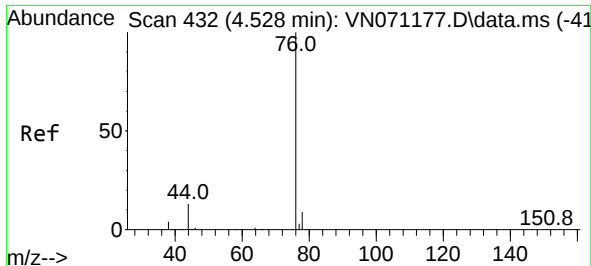
Tgt Ion: 53 Resp: 503558
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 35.9 29.6 44.4



#16
Acetone
Concen: 106.307 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 43 Resp: 430486
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7

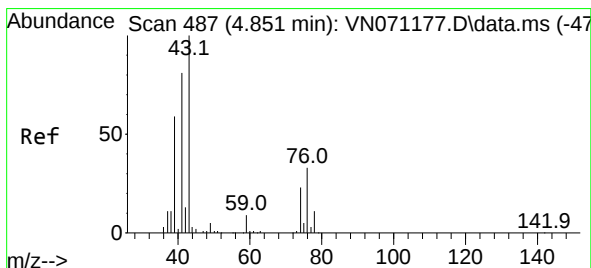
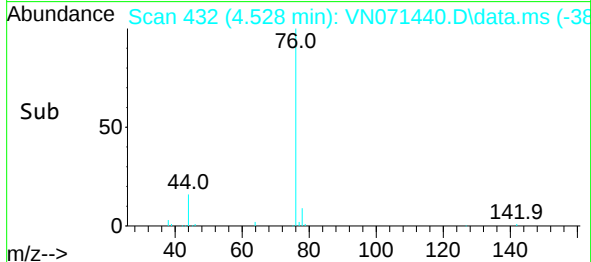
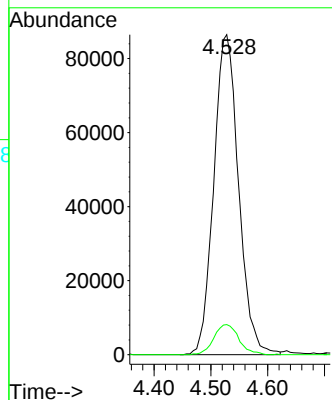
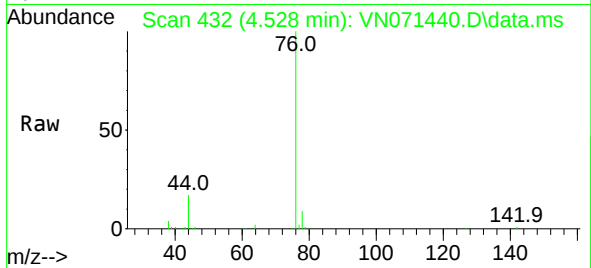




#17
Carbon Disulfide
Concen: 15.143 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

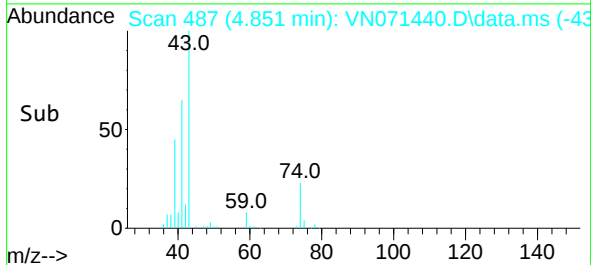
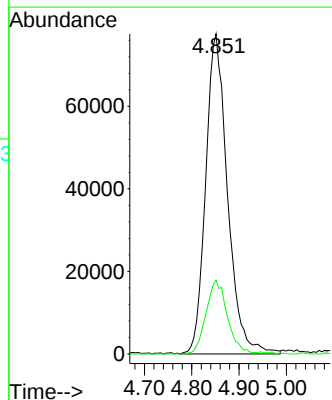
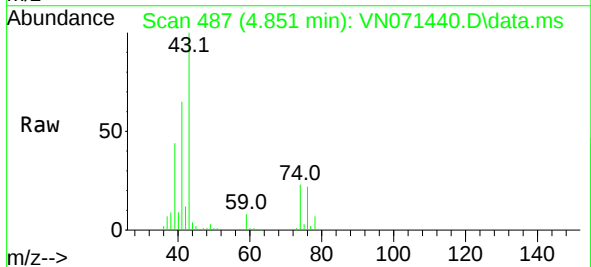
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

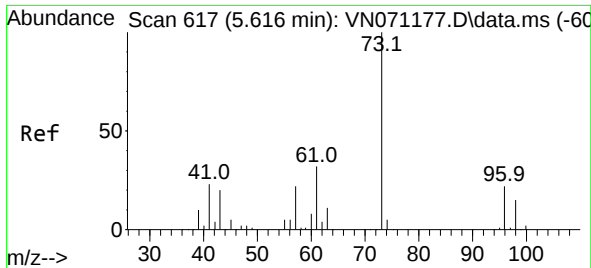
Tgt Ion: 76 Resp: 262450
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 23.140 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 43 Resp: 248891
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2

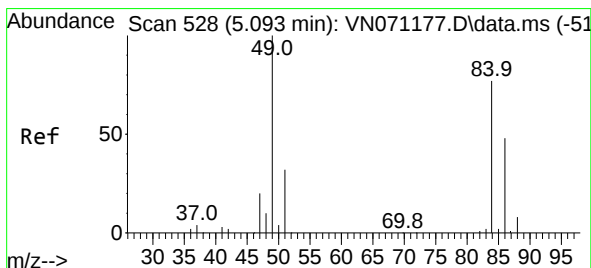
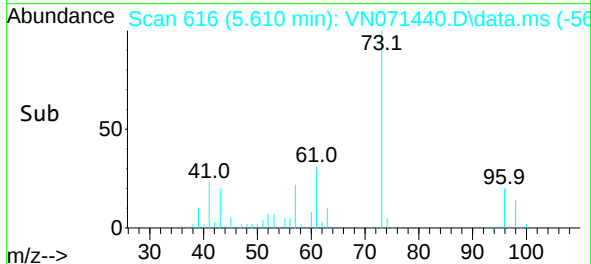
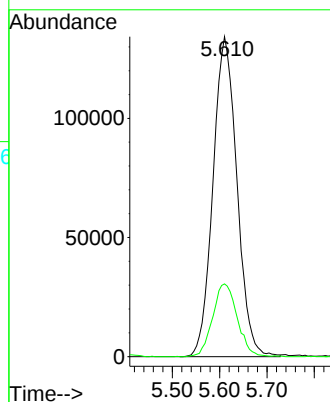
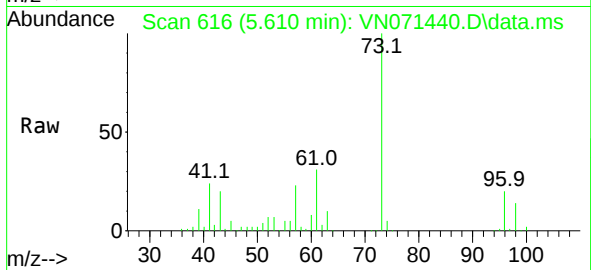




#19
Methyl tert-butyl Ether
Concen: 20.641 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

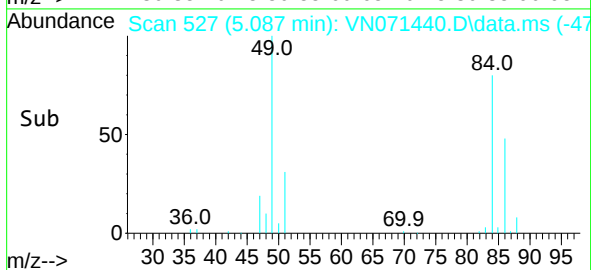
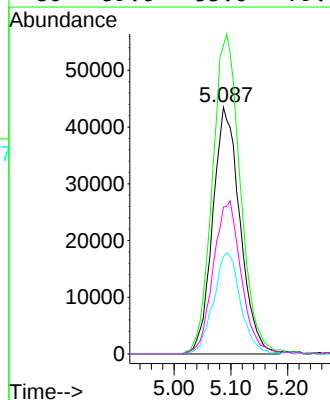
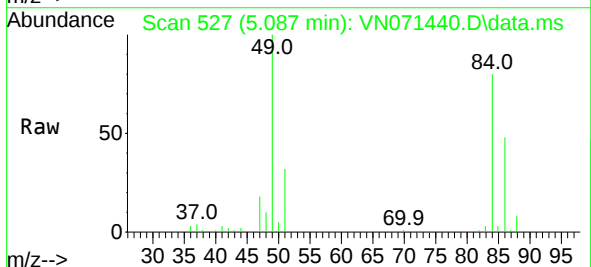
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

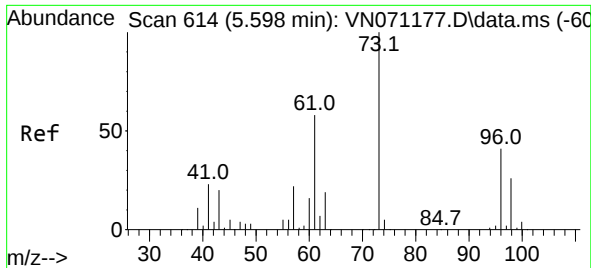
Tgt Ion: 73 Resp: 471786
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2



#20
Methylene Chloride
Concen: 19.844 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 84 Resp: 145150
Ion Ratio Lower Upper
84 100
49 125.0 93.5 140.3
51 39.6 29.4 44.2
86 59.6 53.0 79.4

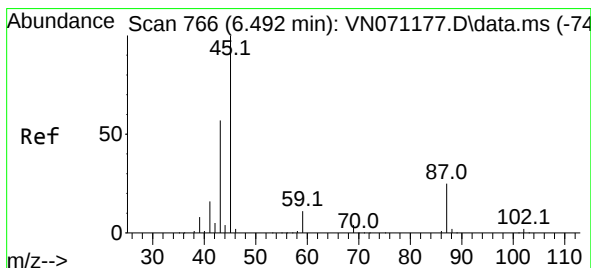
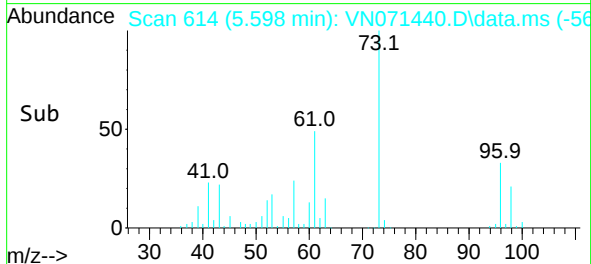
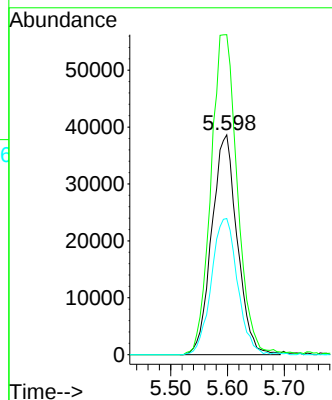
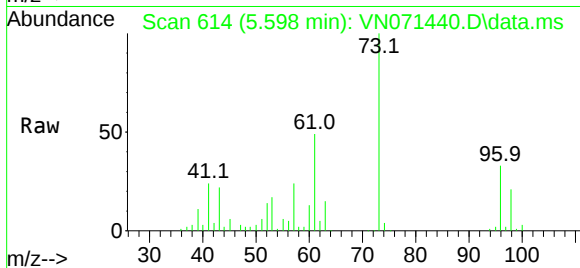




#21
trans-1,2-Dichloroethene
Concen: 18.036 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

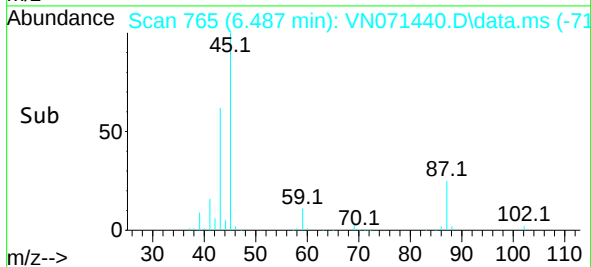
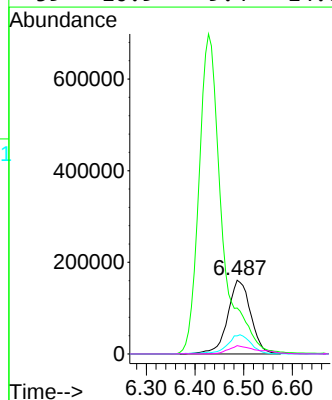
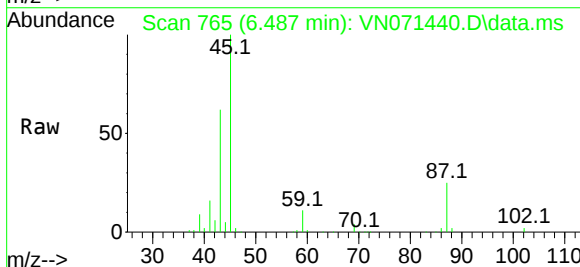
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

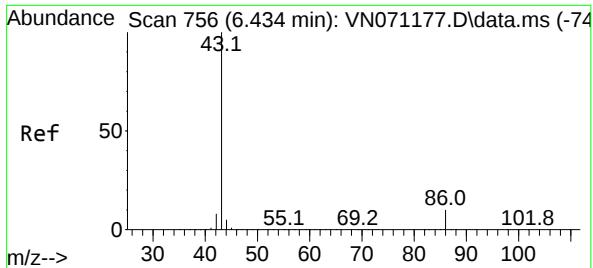
Tgt Ion: 96 Resp: 120101
Ion Ratio Lower Upper
96 100
61 145.5 105.8 158.6
98 61.9 52.0 78.0



#22
Diisopropyl ether
Concen: 20.260 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 45 Resp: 528502
Ion Ratio Lower Upper
45 100
43 60.1 51.7 77.5
87 24.3 23.2 34.8
59 10.9 9.4 14.0

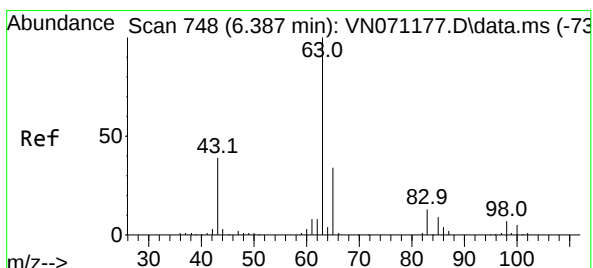
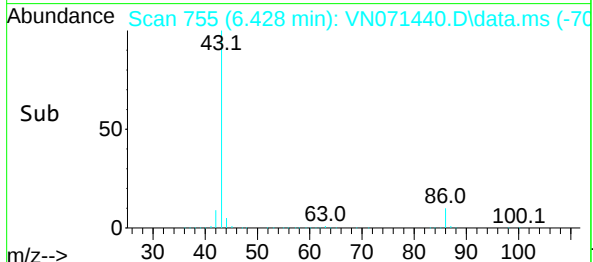
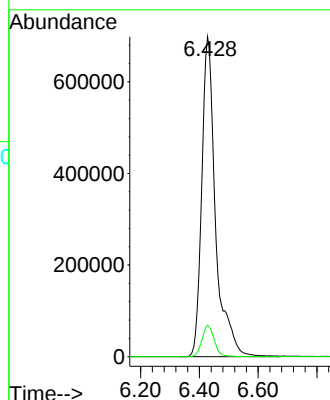
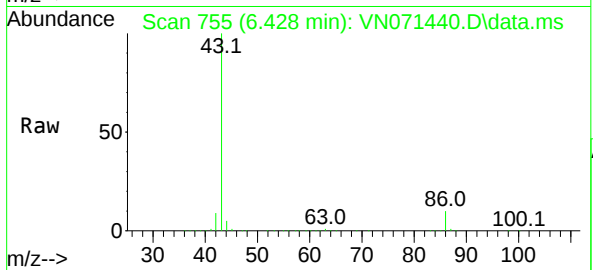




#23
 Vinyl Acetate
 Concen: 103.409 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

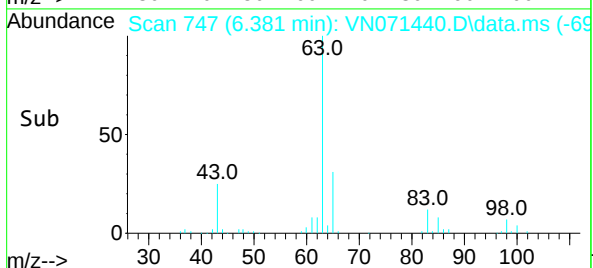
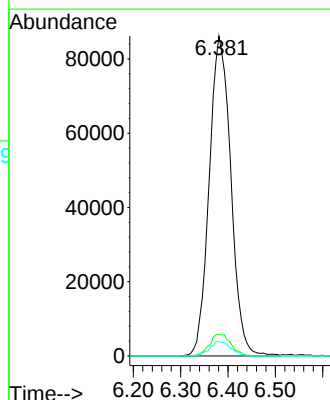
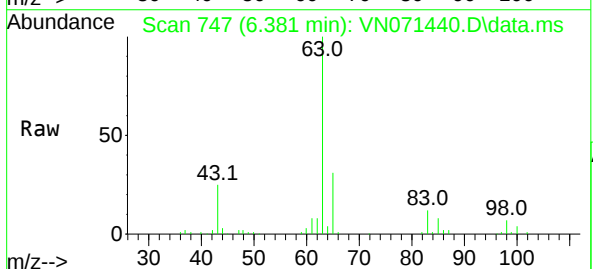
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

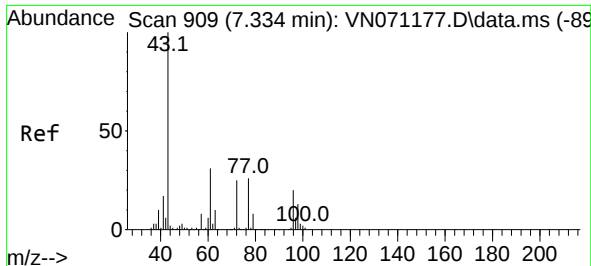
Tgt Ion: 43 Resp: 2283647
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.849 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

Tgt Ion: 63 Resp: 273603
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.5 2.1 6.5

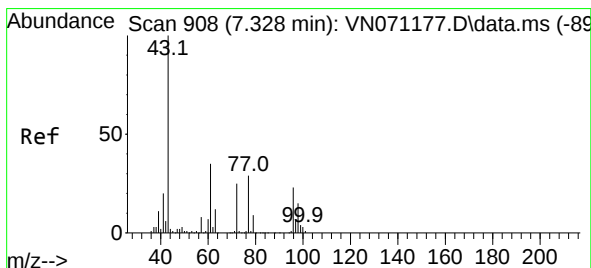
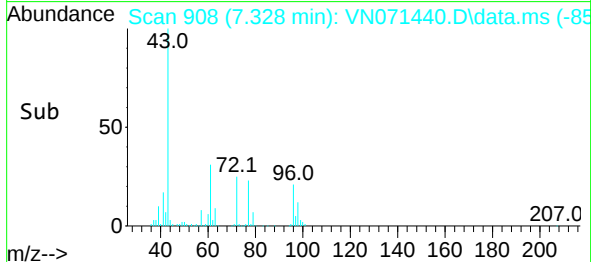
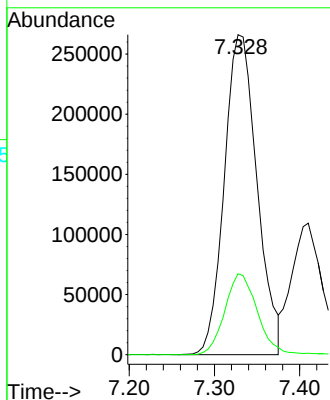
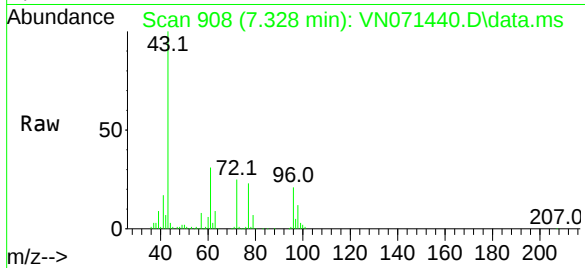




#25
2-Butanone
Concen: 108.961 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

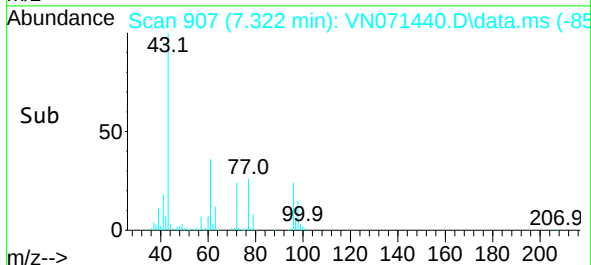
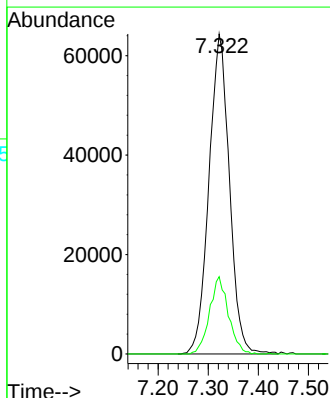
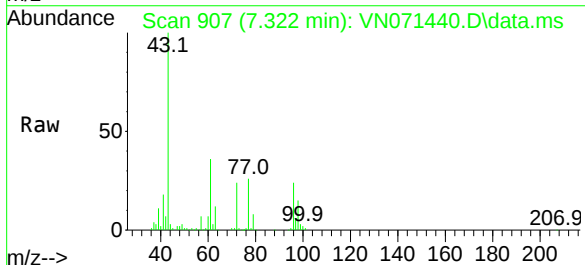
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

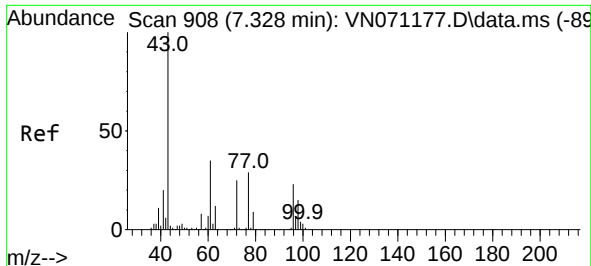
Tgt Ion: 43 Resp: 710771
Ion Ratio Lower Upper
43 100
72 25.3 21.7 32.5



#26
2,2-Dichloropropane
Concen: 17.133 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 77 Resp: 182195
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8

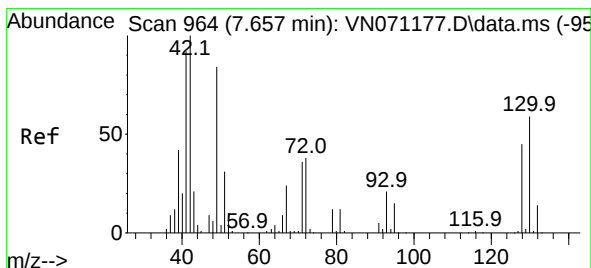
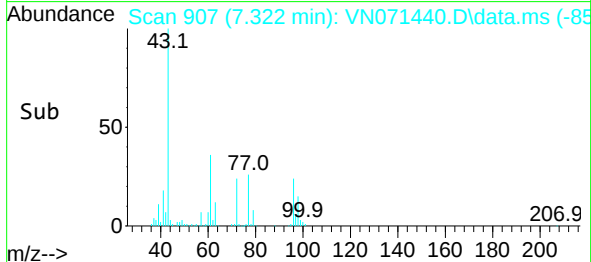
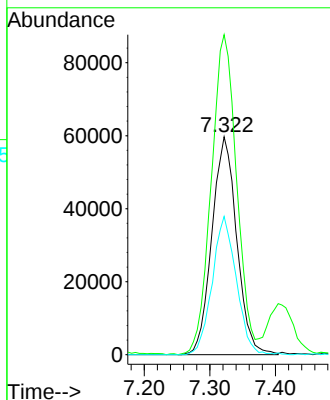
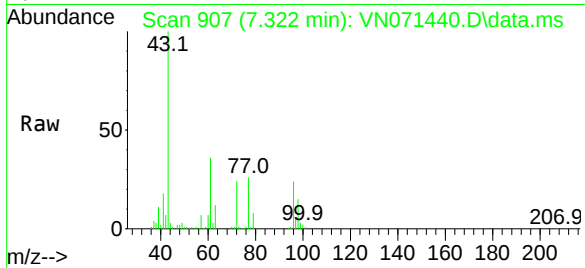




#27
 cis-1,2-Dichloroethene
 Concen: 19.886 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

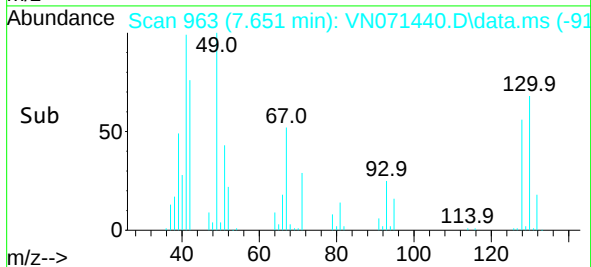
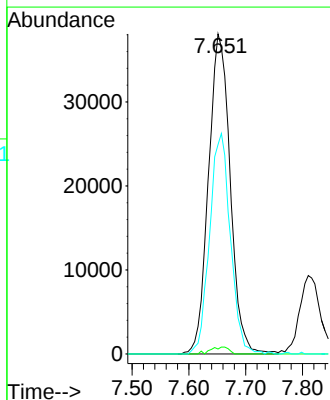
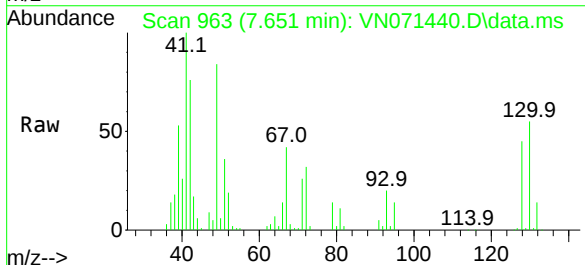
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

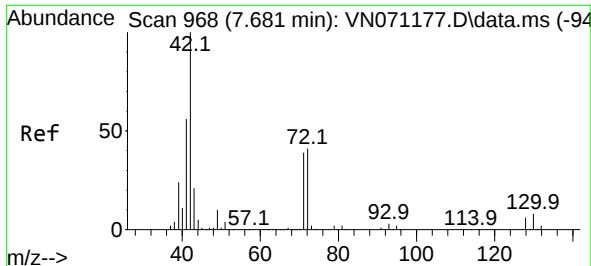
Tgt Ion: 96 Resp: 157159
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 275.0
 98 61.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 16.475 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

Tgt Ion: 49 Resp: 101127
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 65.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 106.672 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

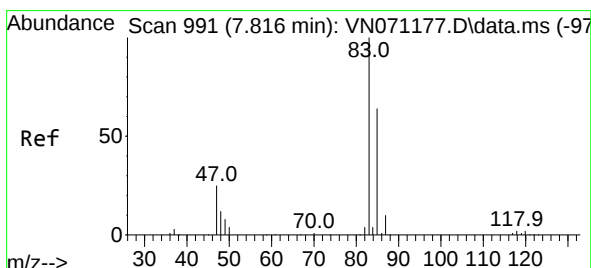
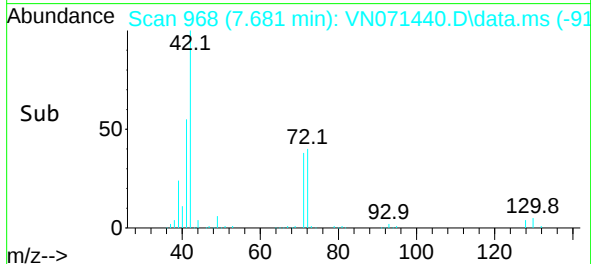
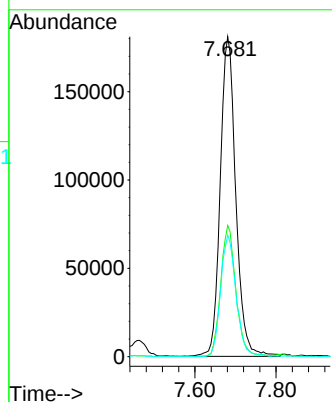
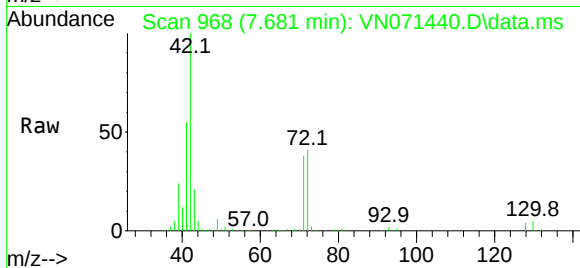
Tgt Ion: 42 Resp: 482062

Ion Ratio Lower Upper

42 100

72 40.3 36.3 54.5

71 37.7 34.7 52.1



#30

Chloroform

Concen: 19.877 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071440.D

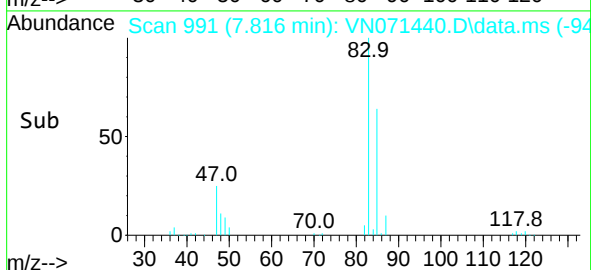
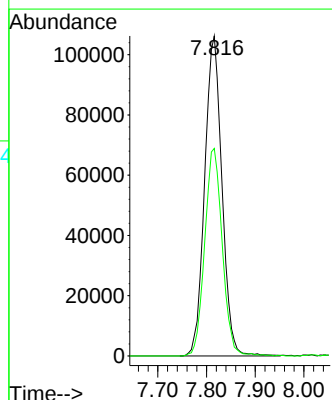
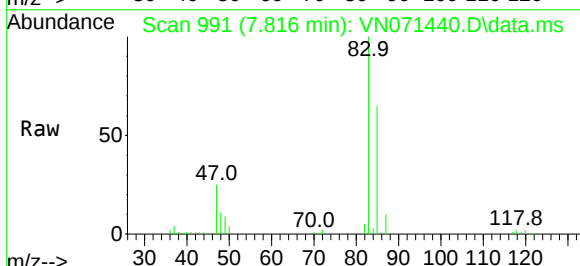
Acq: 22 Mar 2022 00:55

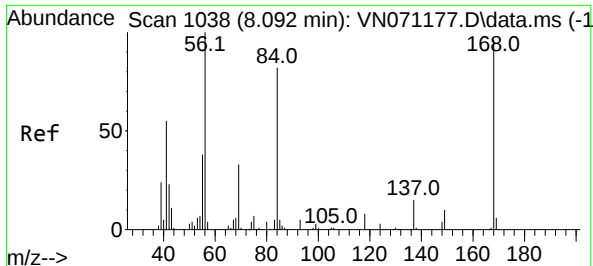
Tgt Ion: 83 Resp: 261323

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9

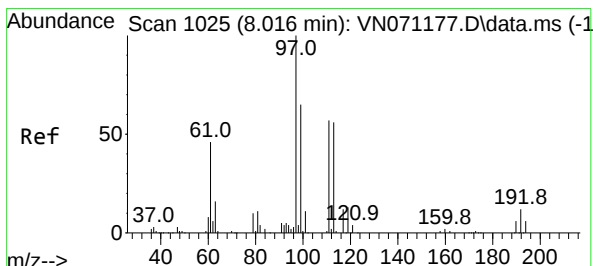
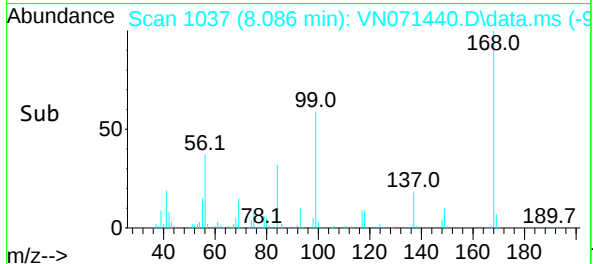
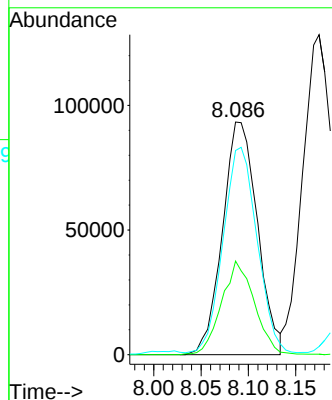
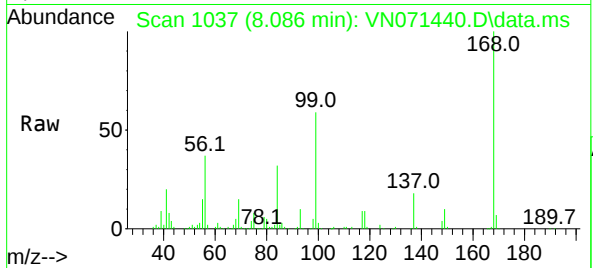




#31
Cyclohexane
Concen: 18.010 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

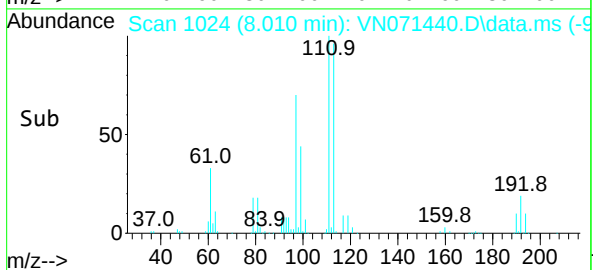
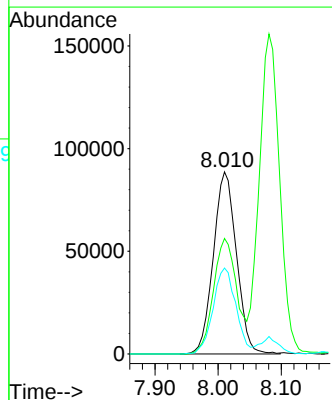
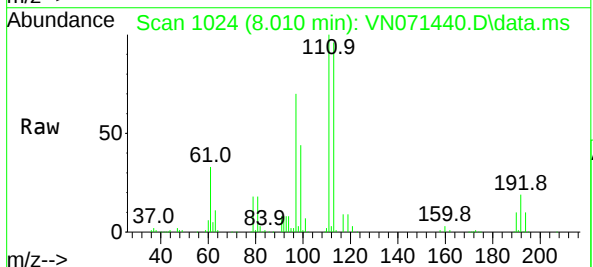
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

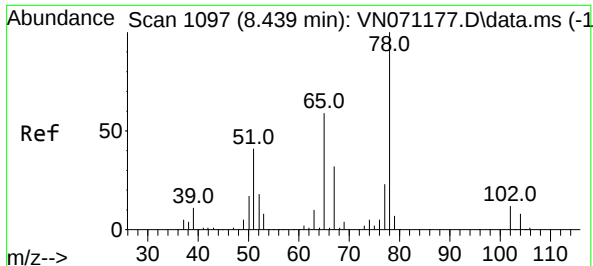
Tgt Ion: 56 Resp: 239361
Ion Ratio Lower Upper
56 100
69 40.2 27.1 40.7
84 86.5 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 20.154 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 97 Resp: 225693
Ion Ratio Lower Upper
97 100
99 64.5 50.1 75.1
61 46.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.687 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

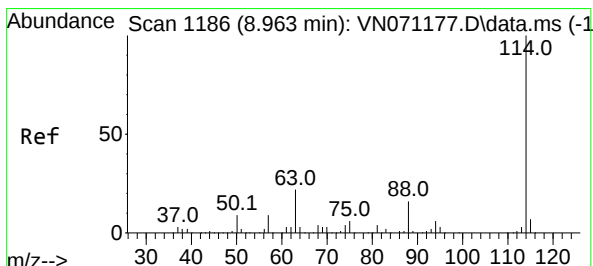
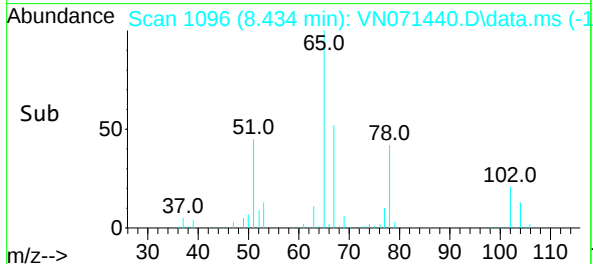
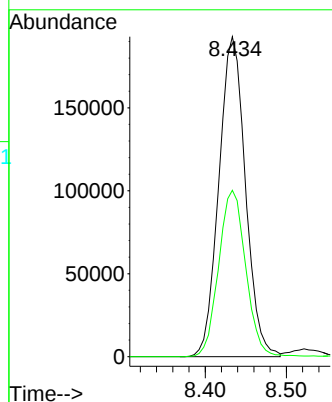
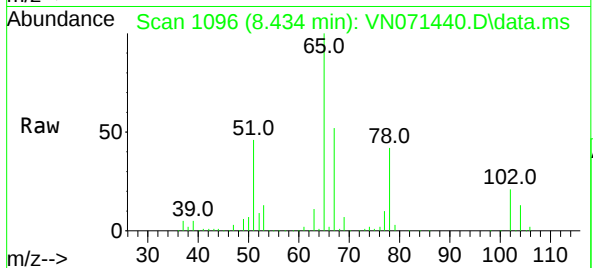
VN0321WBSD02

Tgt Ion: 65 Resp: 438488

Ion Ratio Lower Upper

65 100

67 53.0 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: VN071440.D

Acq: 22 Mar 2022 00:55

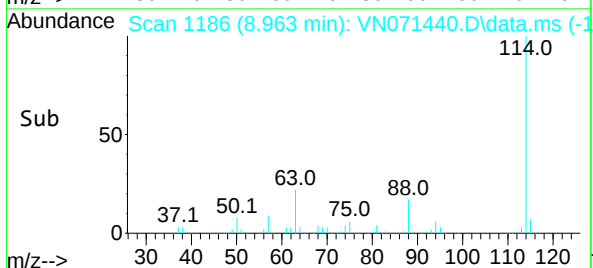
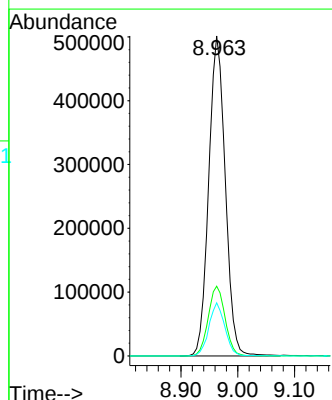
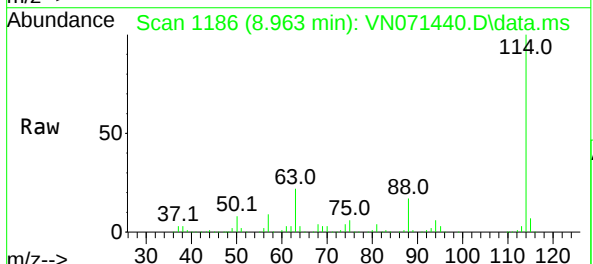
Tgt Ion: 114 Resp: 1012676

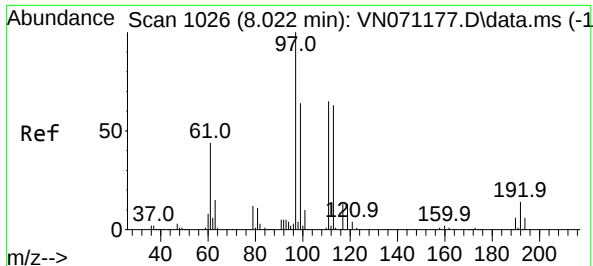
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 51.781 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

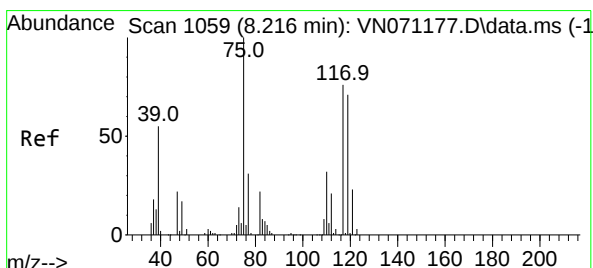
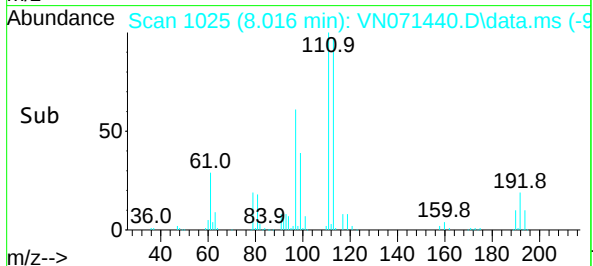
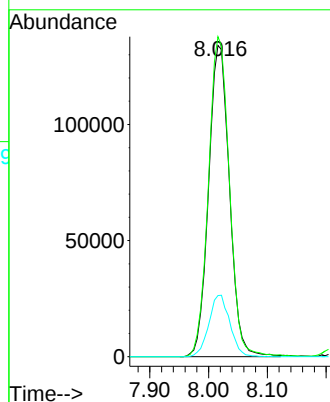
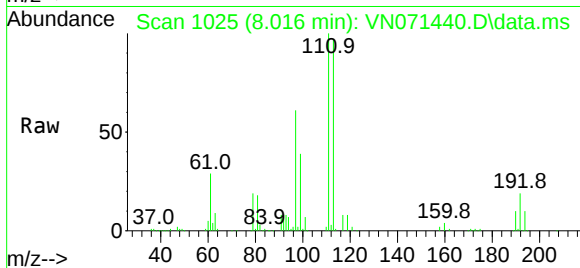
Tgt Ion:113 Resp: 330896

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 19.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 18.197 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

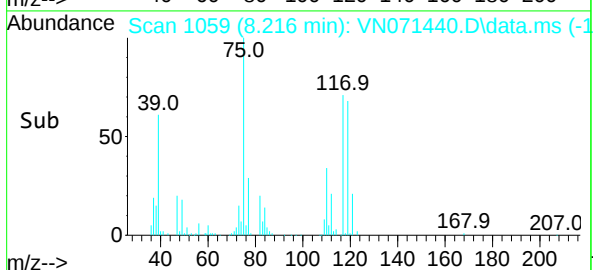
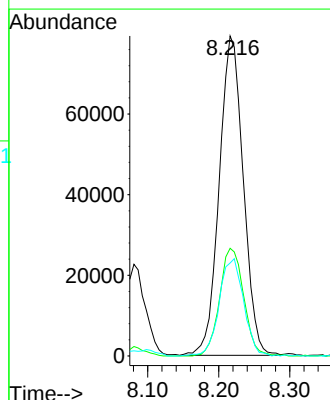
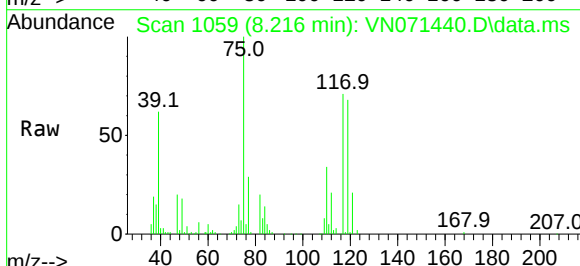
Tgt Ion: 75 Resp: 186309

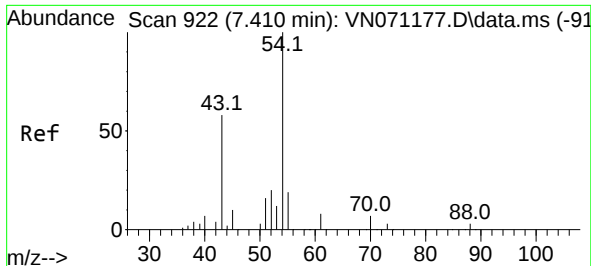
Ion Ratio Lower Upper

75 100

110 33.8 18.4 55.2

77 31.0 24.4 36.6

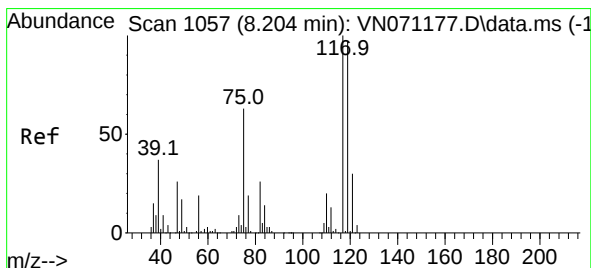
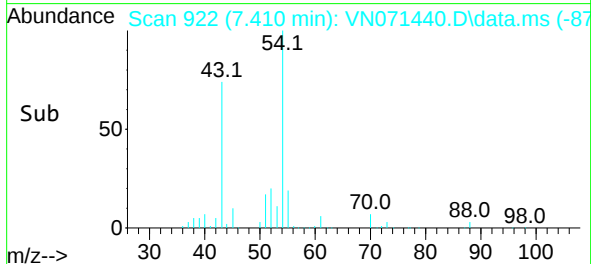
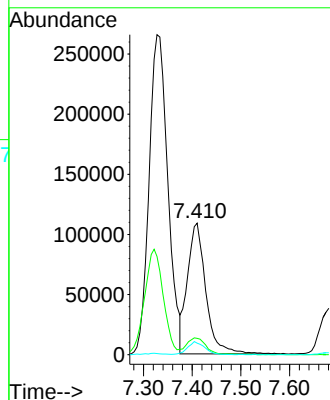
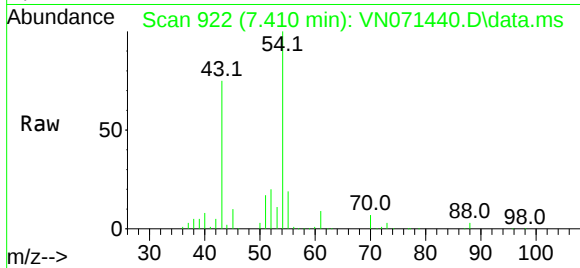




#37
Ethyl Acetate
Concen: 20.246 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

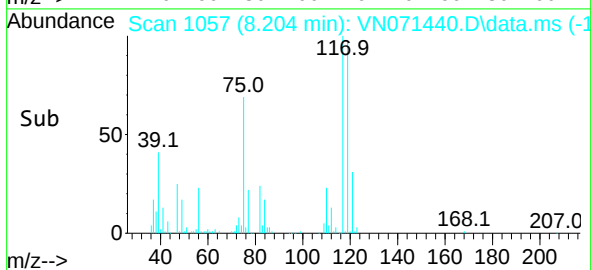
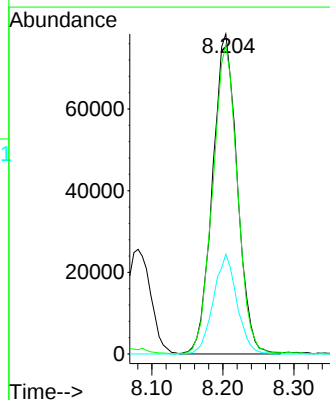
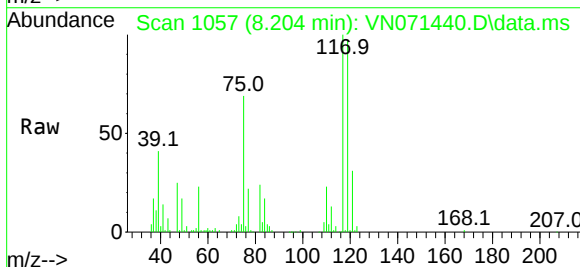
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

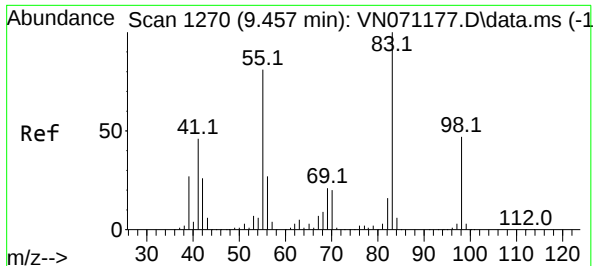
Tgt Ion: 43 Resp: 285286
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.087 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 117 Resp: 189026
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 17.646 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

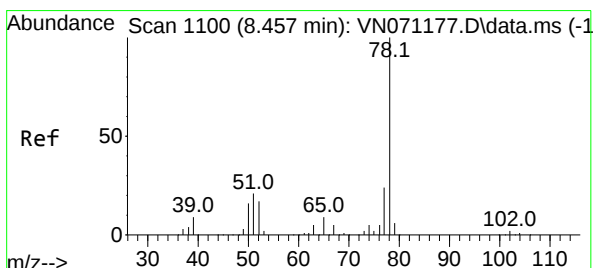
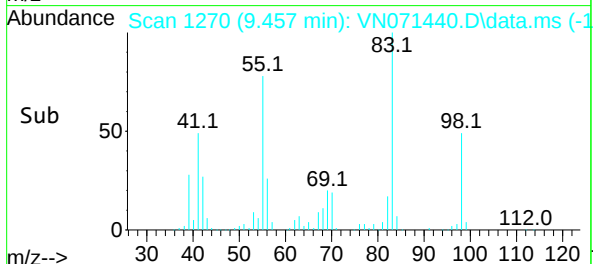
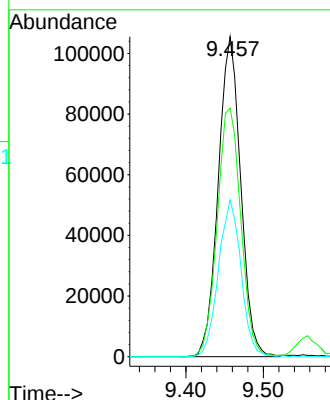
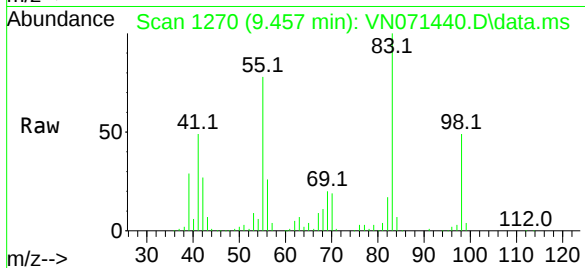
Tgt Ion: 83 Resp: 212539

Ion Ratio Lower Upper

83 100

55 77.6 58.1 87.1

98 48.9 38.4 57.6



#40

Benzene

Concen: 19.259 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071440.D

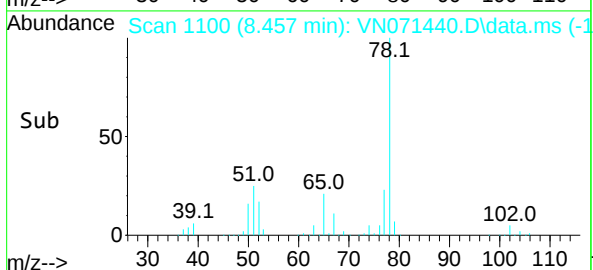
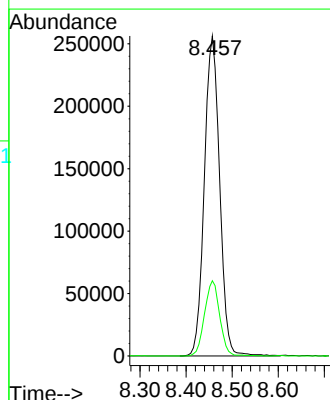
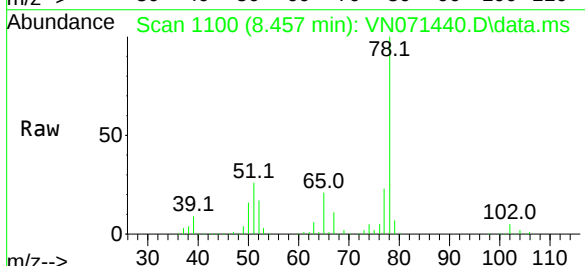
Acq: 22 Mar 2022 00:55

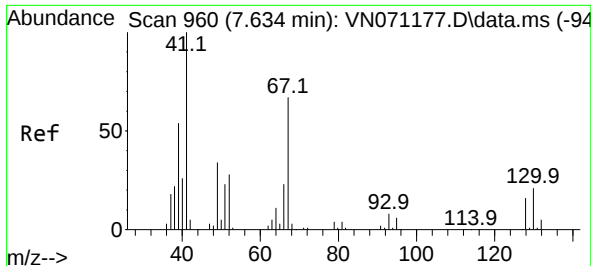
Tgt Ion: 78 Resp: 594105

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

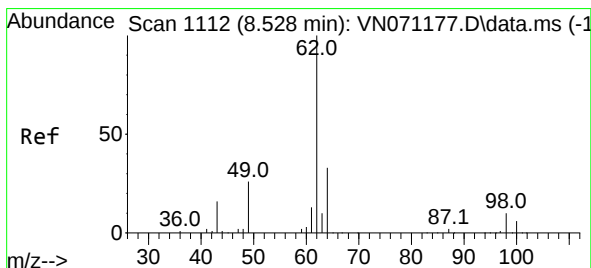
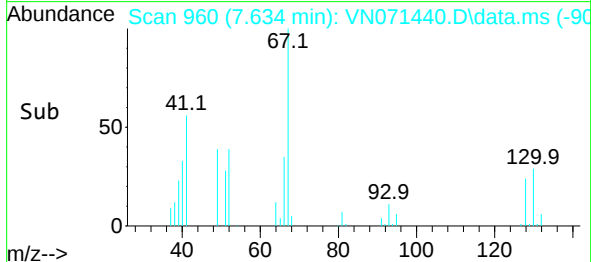
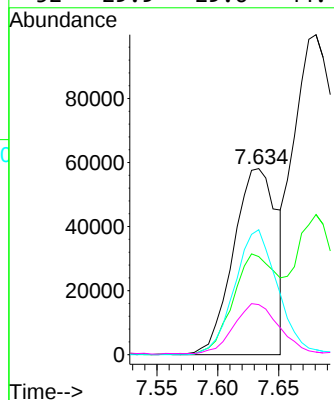
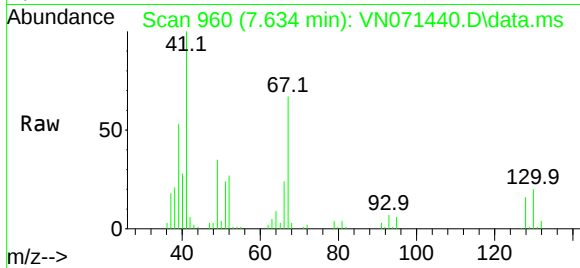




#41
Methacrylonitrile
Concen: 21.001 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

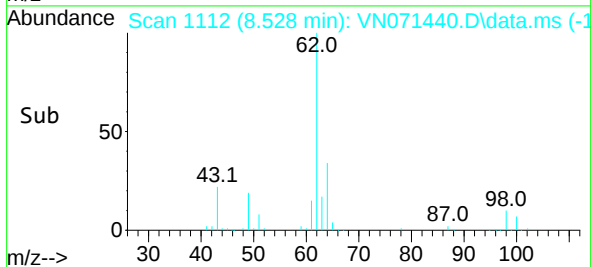
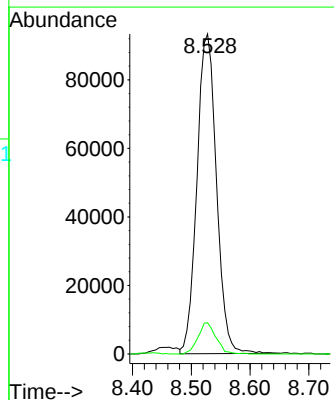
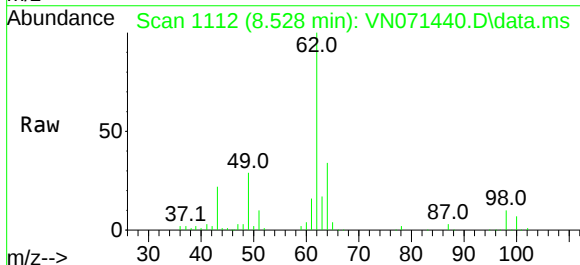
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

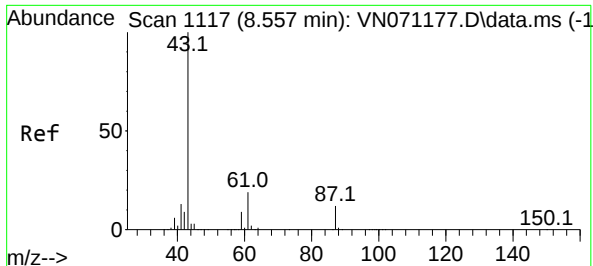
Tgt Ion: 41 Resp: 144820
Ion Ratio Lower Upper
41 100
39 54.2 48.1 72.1
67 67.0 68.3 102.5#
52 29.9 29.6 44.4



#42
1,2-Dichloroethane
Concen: 20.063 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 62 Resp: 215378
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 21.017 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

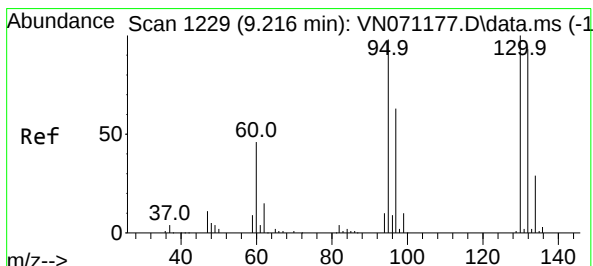
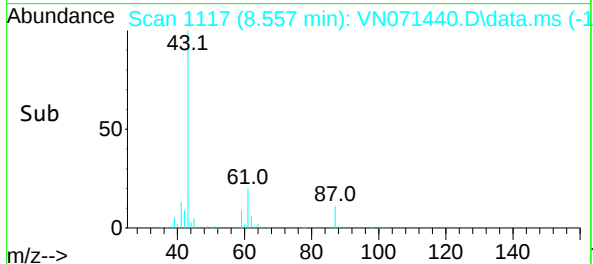
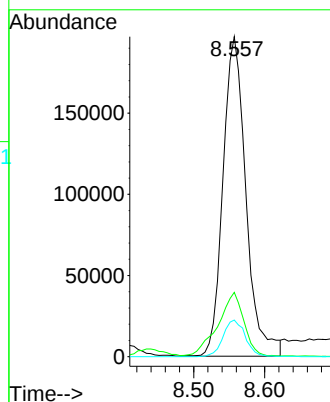
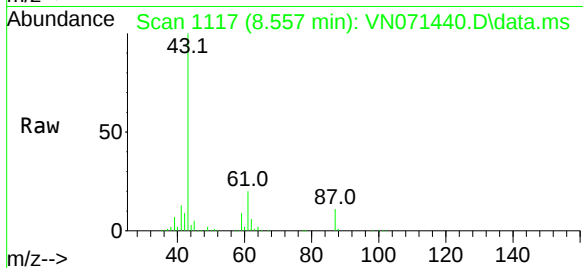
Tgt Ion: 43 Resp: 442869

Ion Ratio Lower Upper

43 100

61 22.6 20.4 30.6

87 11.1 11.2 16.8#



#44

Trichloroethene

Concen: 18.769 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VN071440.D

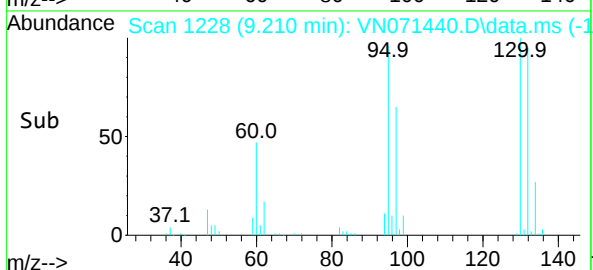
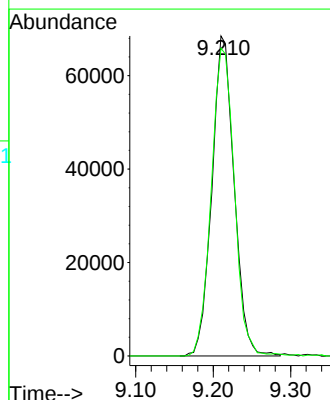
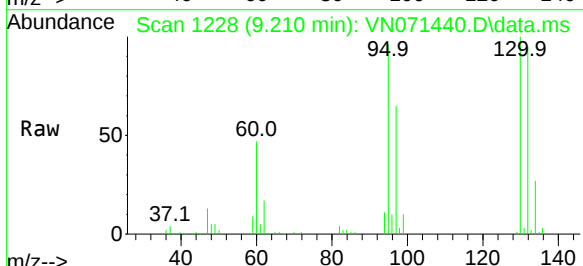
Acq: 22 Mar 2022 00:55

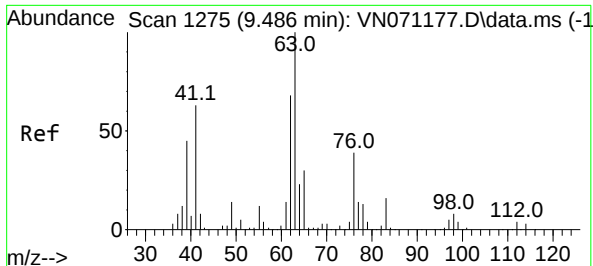
Tgt Ion:130 Resp: 136615

Ion Ratio Lower Upper

130 100

95 96.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.448 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

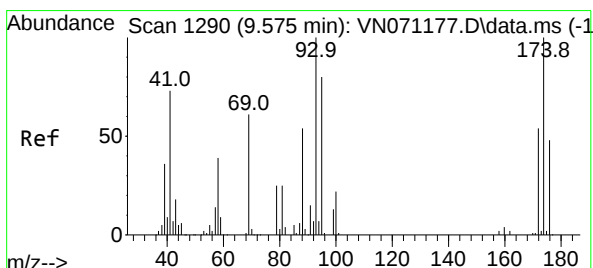
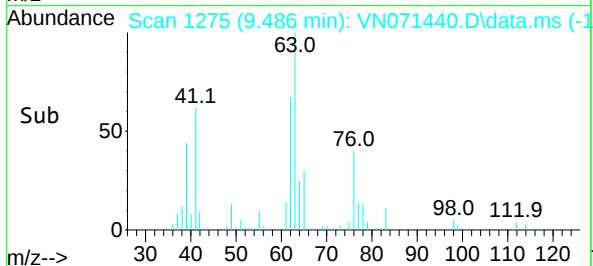
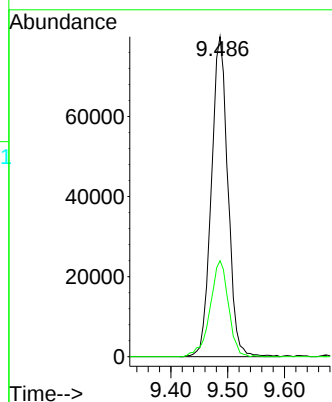
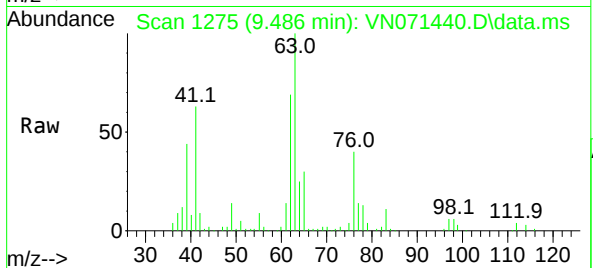
VN0321WBSD02

Tgt Ion: 63 Resp: 161052

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 19.667 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

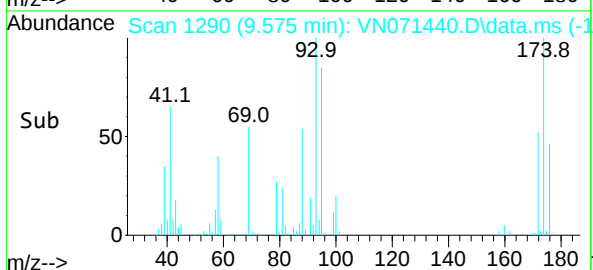
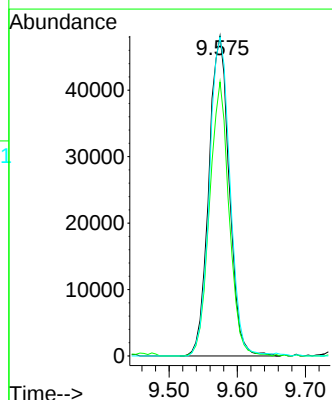
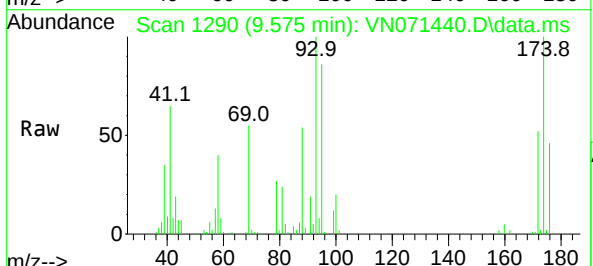
Tgt Ion: 93 Resp: 100239

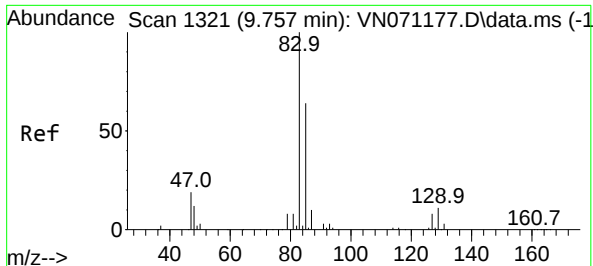
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 100.1 84.6 127.0

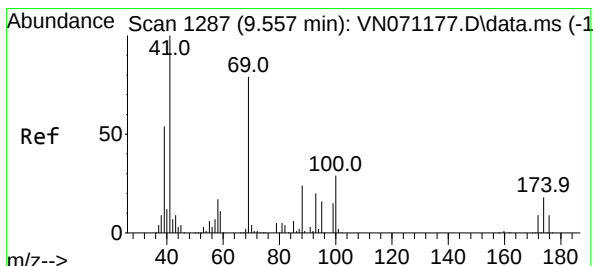
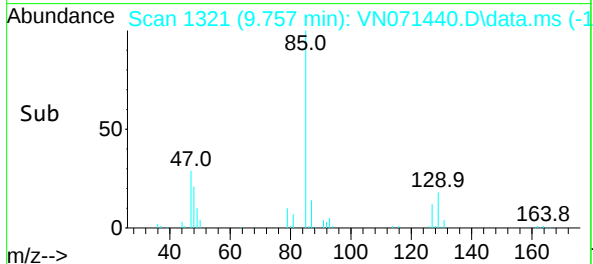
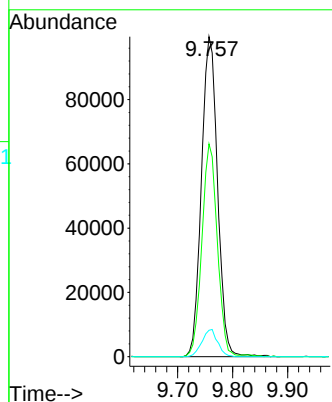
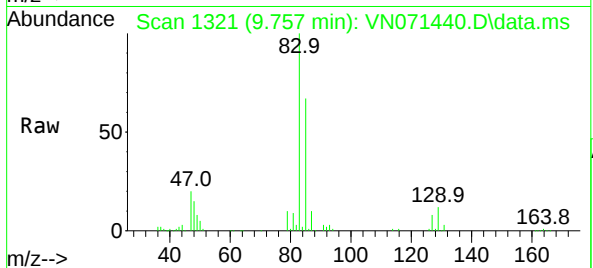




#47
Bromodichloromethane
Concen: 19.684 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

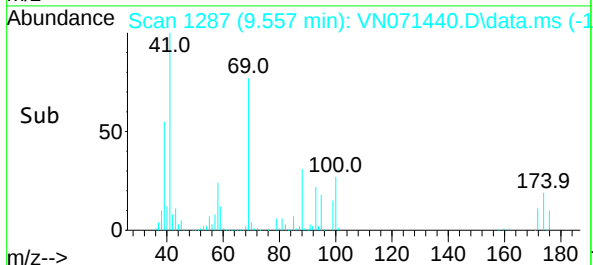
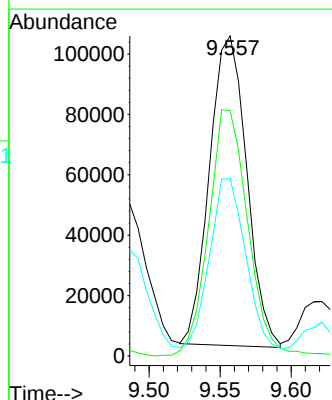
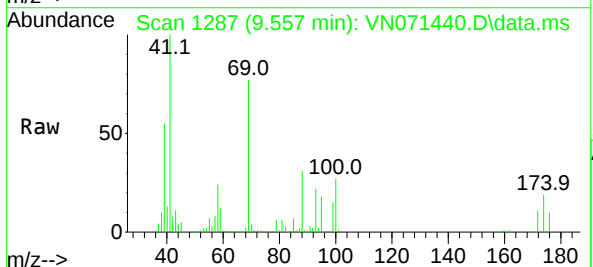
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

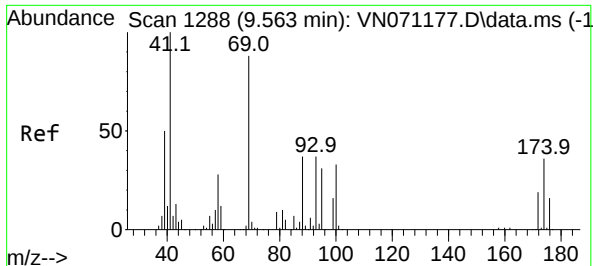
Tgt Ion: 83 Resp: 202749
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.111 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 41 Resp: 186622
Ion Ratio Lower Upper
41 100
69 84.2 72.4 108.6
39 57.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 450.476 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

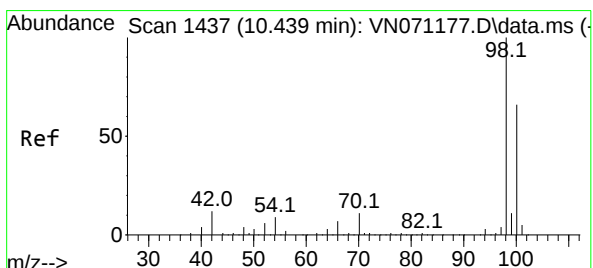
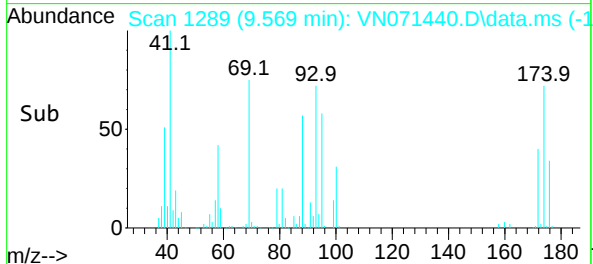
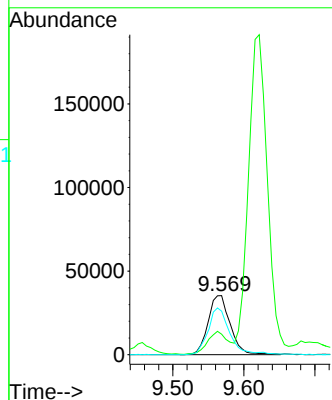
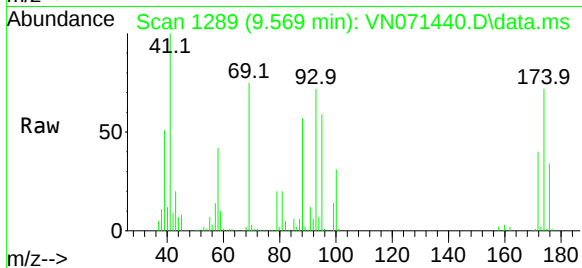
Tgt Ion: 88 Resp: 76463

Ion Ratio Lower Upper

88 100

43 37.0 23.4 35.2#

58 78.5 50.6 75.8#



#50

Toluene-d8

Concen: 50.543 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071440.D

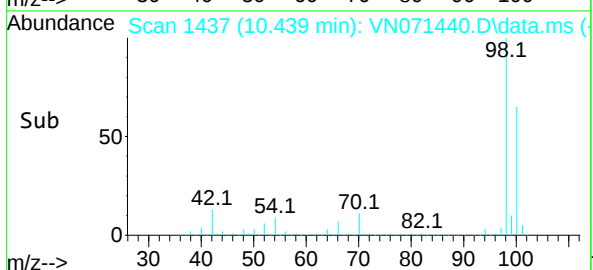
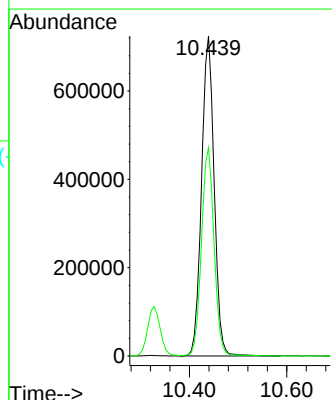
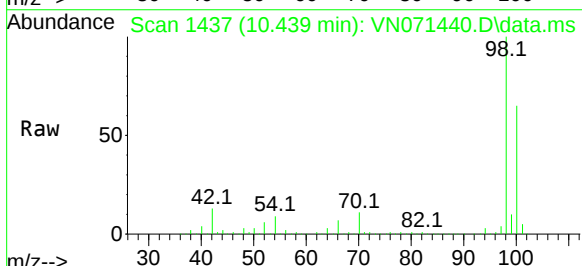
Acq: 22 Mar 2022 00:55

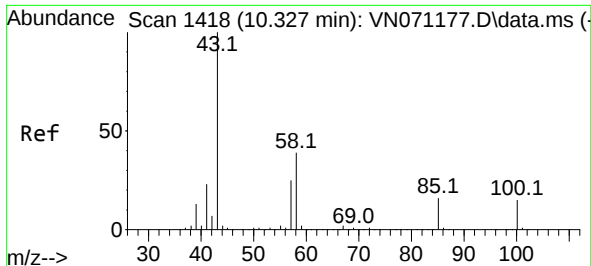
Tgt Ion: 98 Resp: 1300449

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

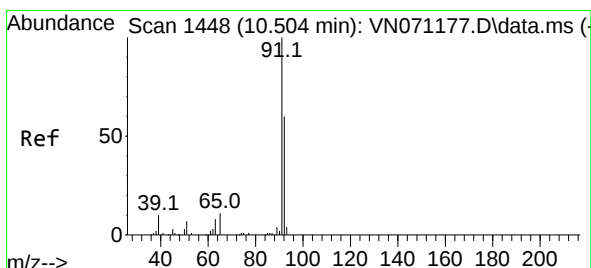
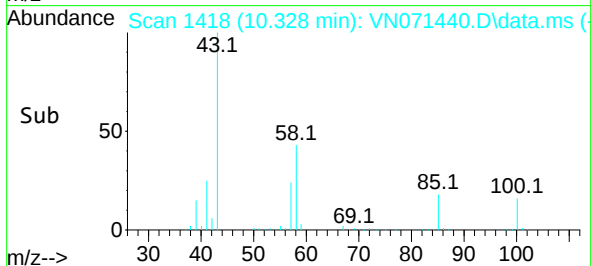
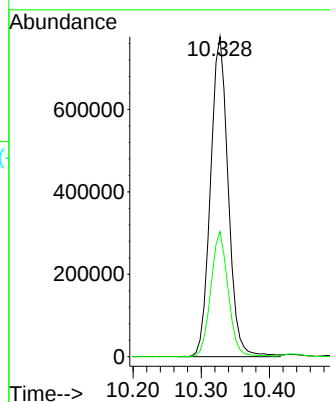
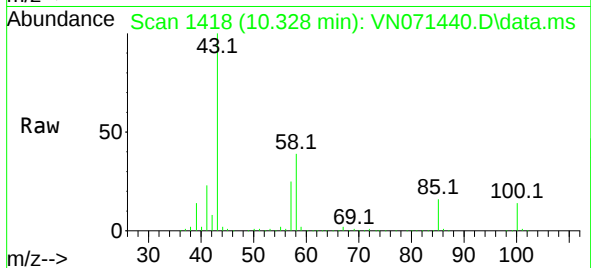




#51
4-Methyl-2-Pentanone
Concen: 107.352 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

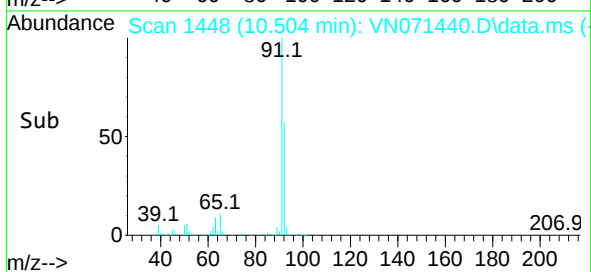
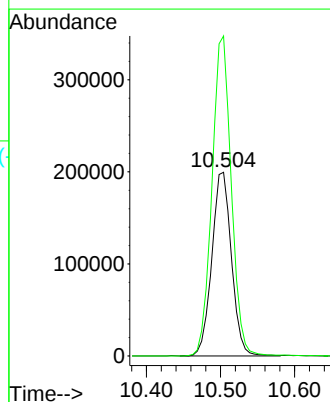
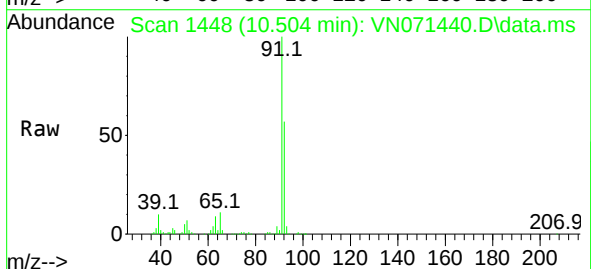
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

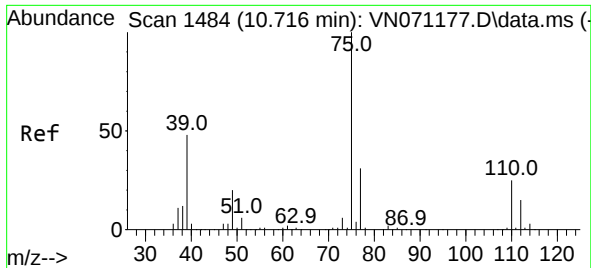
Tgt Ion: 43 Resp: 1403876
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6



#52
Toluene
Concen: 19.324 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 92 Resp: 367073
Ion Ratio Lower Upper
92 100
91 171.1 142.0 213.0

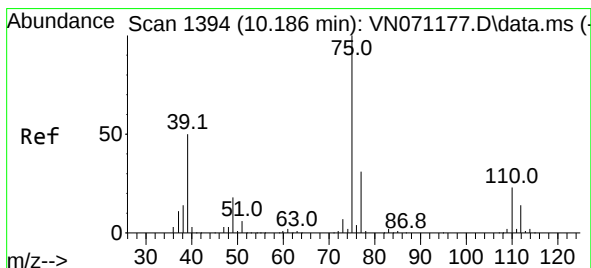
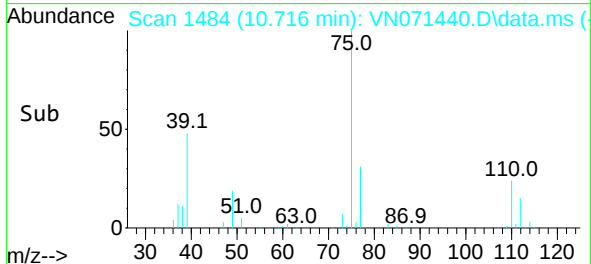
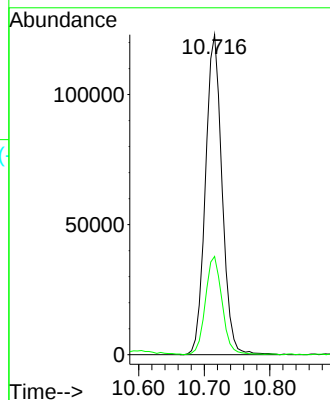
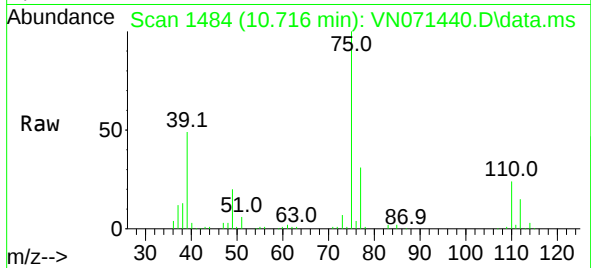




#53
t-1,3-Dichloropropene
Concen: 19.103 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

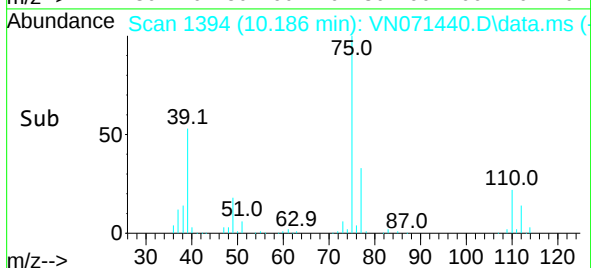
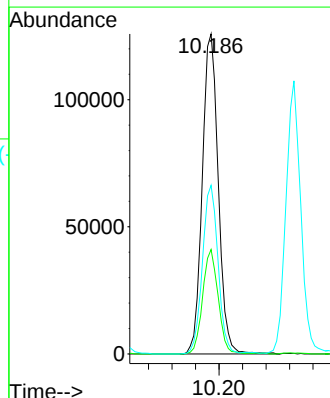
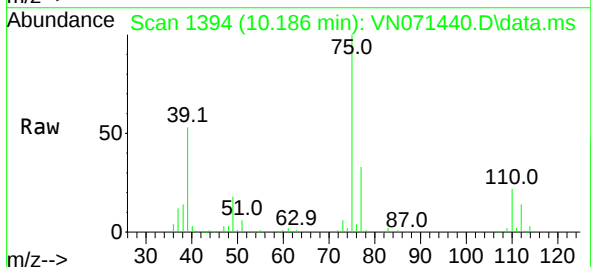
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

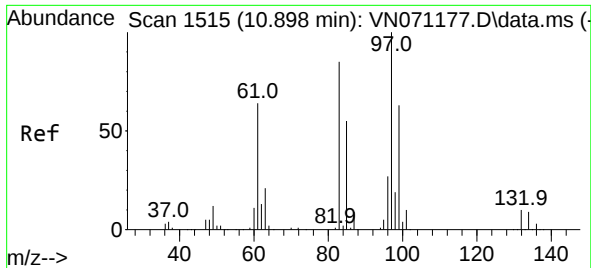
Tgt Ion: 75 Resp: 216907
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.146 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 75 Resp: 237529
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
39 52.7 42.5 63.7



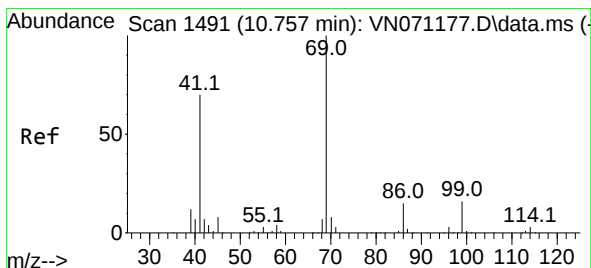
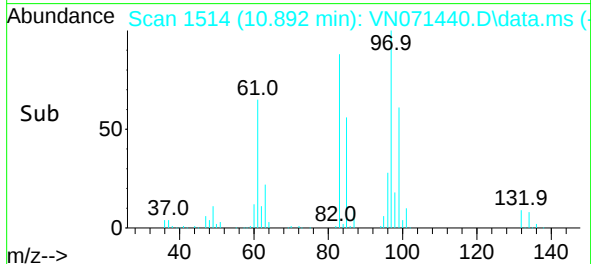
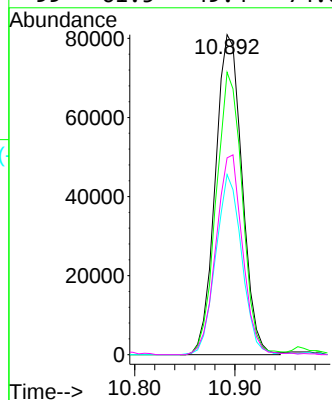
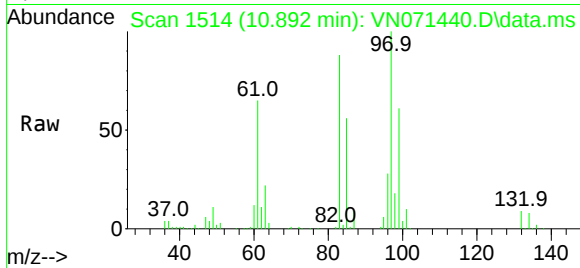


#55
1,1,2-Trichloroethane
Concen: 19.709 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

Tgt Ion: 97 Resp: 150020

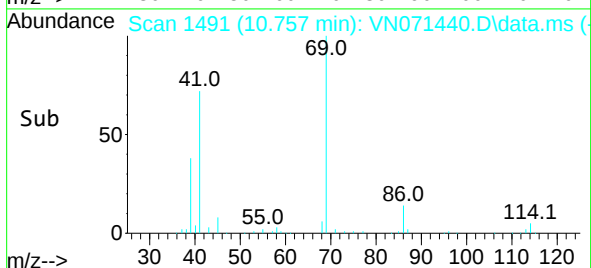
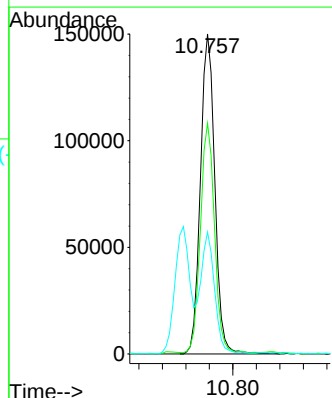
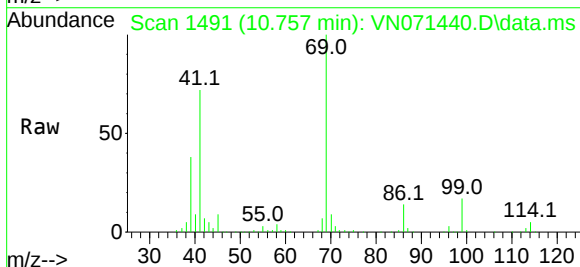
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.8	101.6
85	56.3	45.4	68.2
99	61.5	49.4	74.0

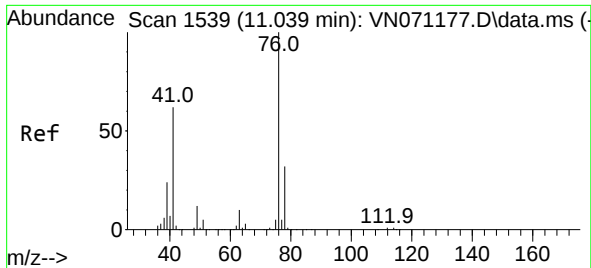


#56
Ethyl methacrylate
Concen: 20.509 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 69 Resp: 254936

Ion	Ratio	Lower	Upper
69	100		
41	70.6	51.4	77.0
39	37.5	34.6	52.0

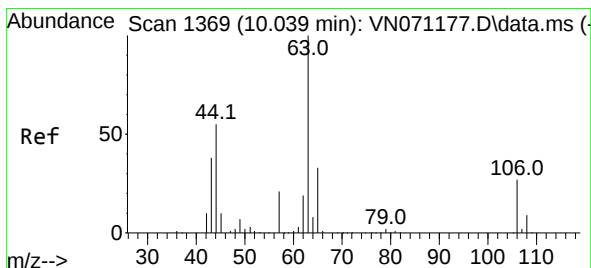
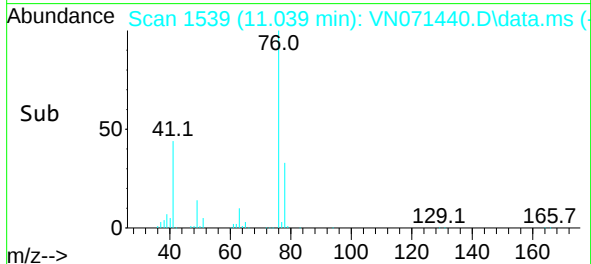
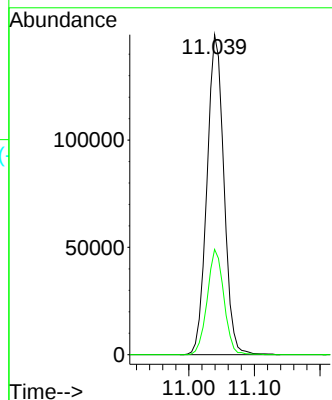
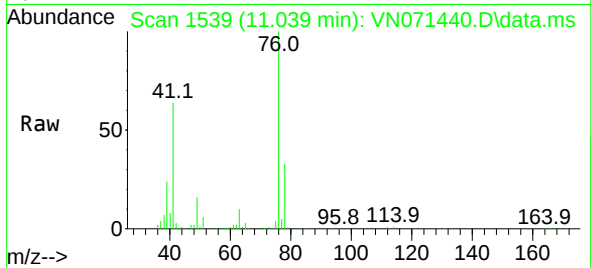




#57
1,3-Dichloropropane
Concen: 19.604 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

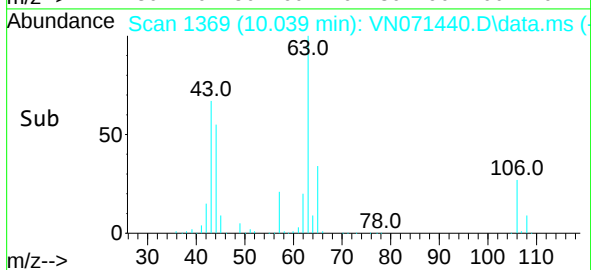
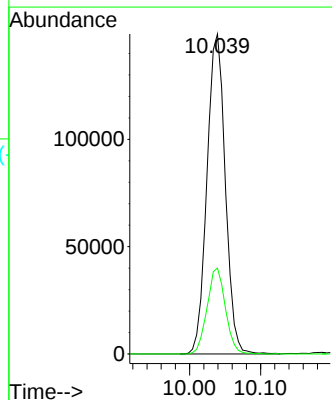
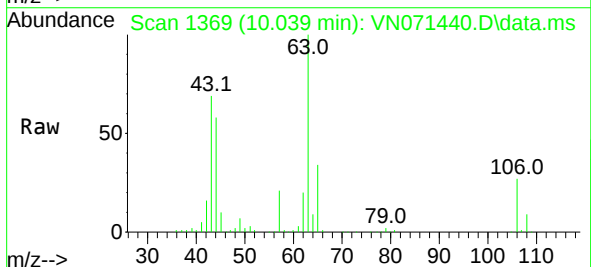
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

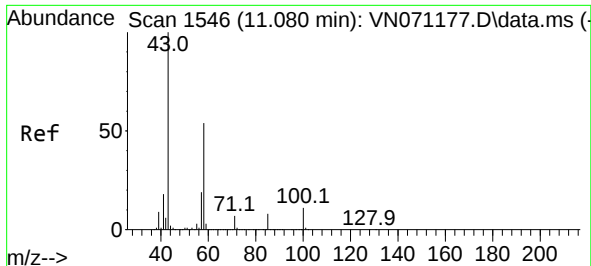
Tgt Ion: 76 Resp: 267847
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 118.873 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 63 Resp: 267492
Ion Ratio Lower Upper
63 100
106 26.8 23.9 35.9

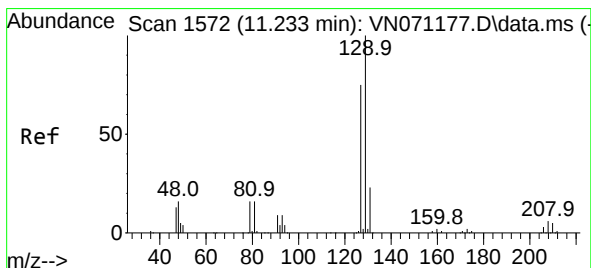
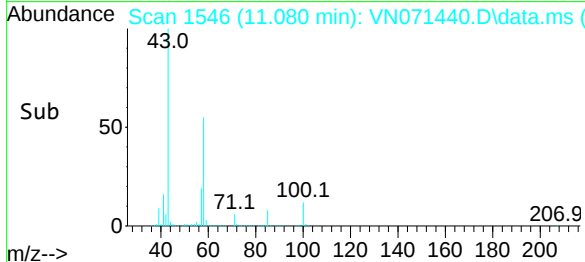
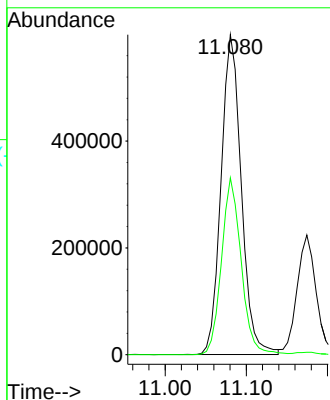
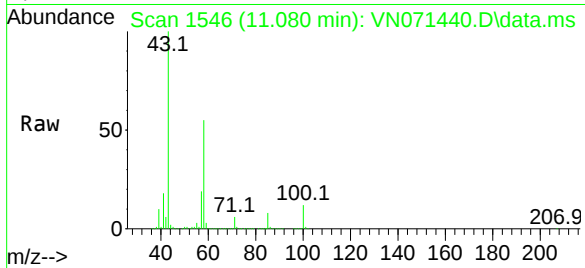




#59
2-Hexanone
Concen: 116.579 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

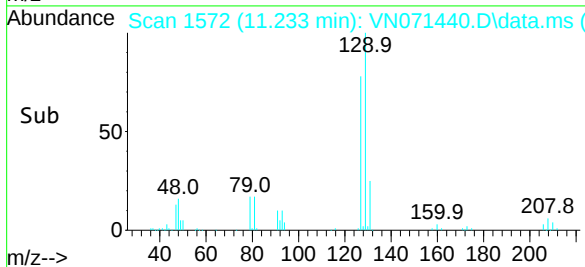
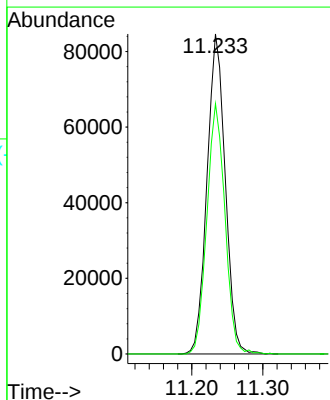
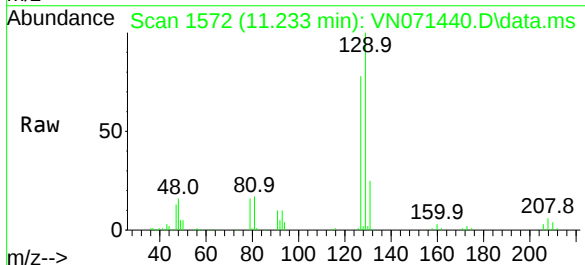
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

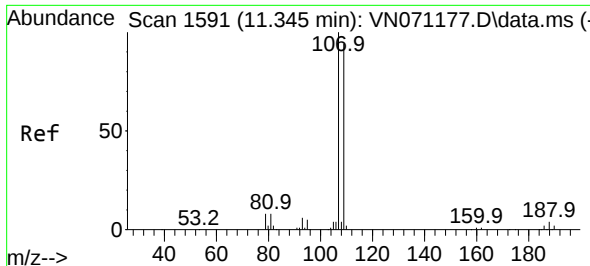
Tgt Ion: 43 Resp: 1040207
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.7



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 129 Resp: 150856
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

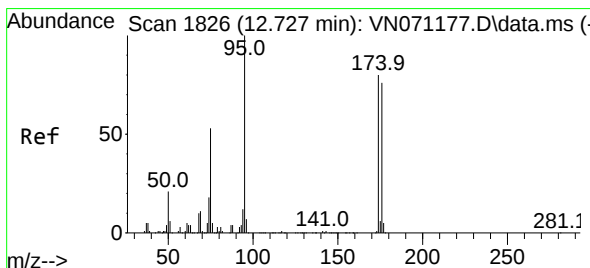
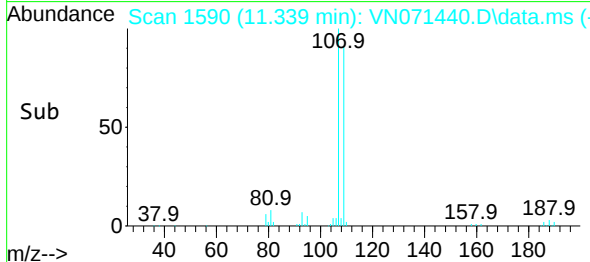
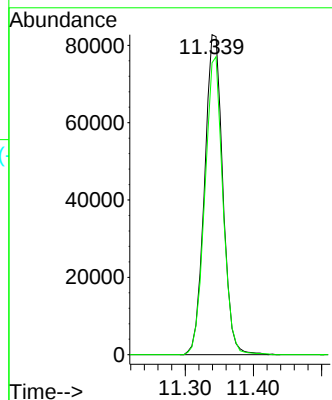
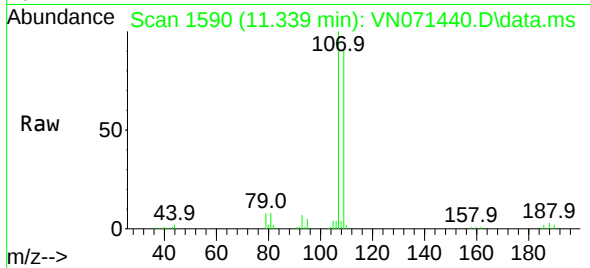




#61
1,2-Dibromoethane
Concen: 19.733 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

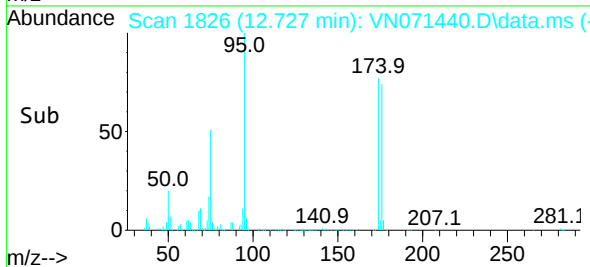
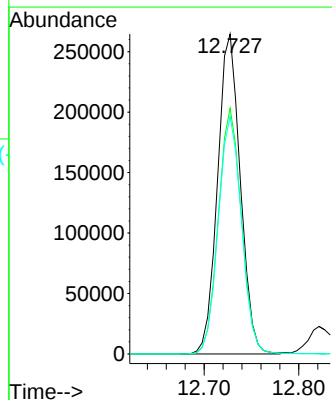
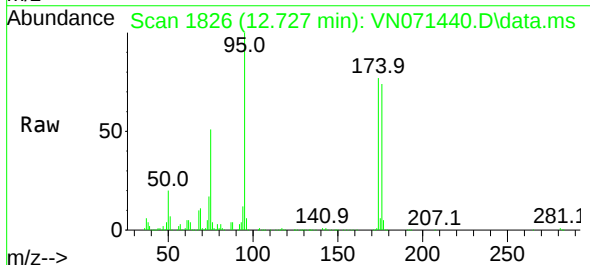
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

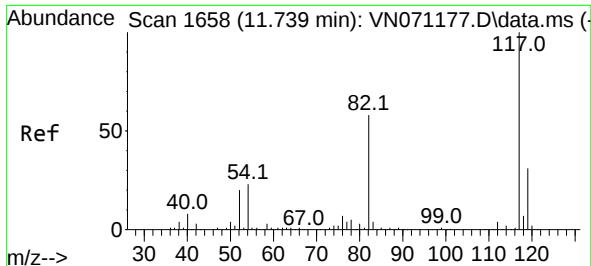
Tgt Ion:107 Resp: 153518
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.656 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 95 Resp: 441342
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 75.8 0.0 181.4

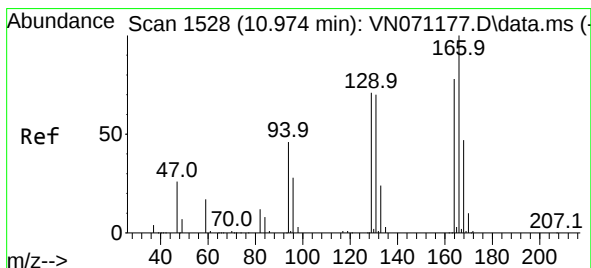
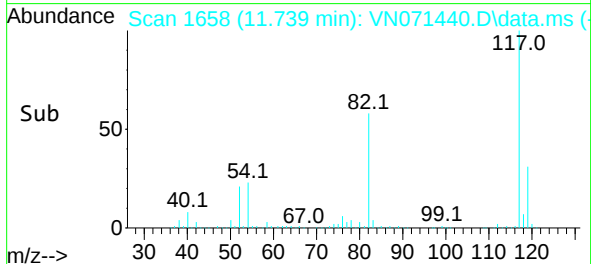
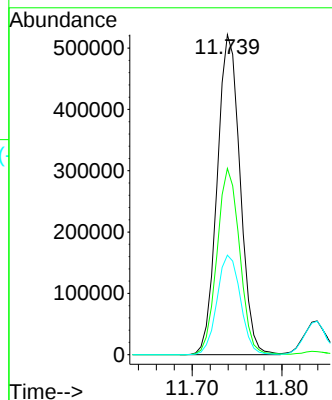
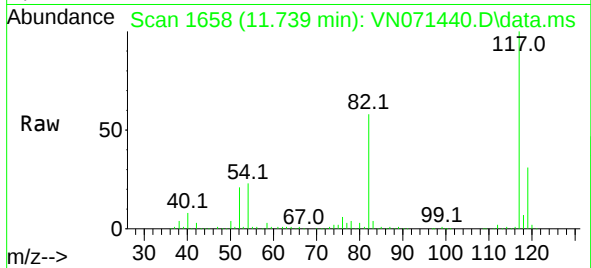




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

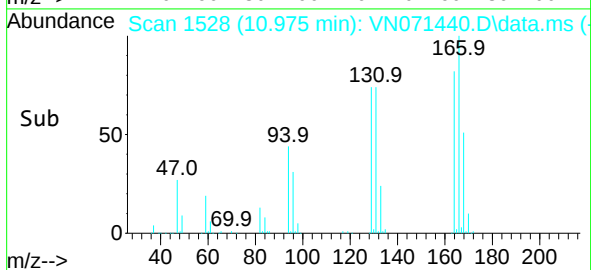
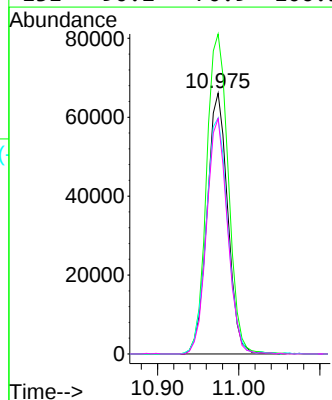
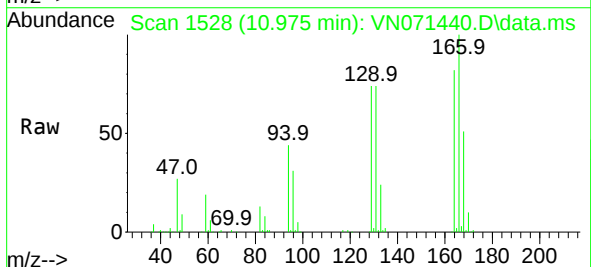
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

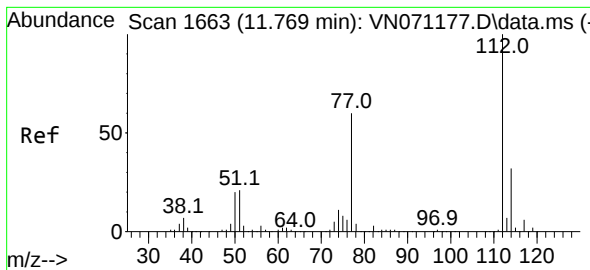
Tgt Ion:117 Resp: 924649
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 18.116 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion:164 Resp: 116829
Ion Ratio Lower Upper
164 100
166 122.7 101.9 152.9
129 90.5 72.0 108.0
131 90.2 70.9 106.3

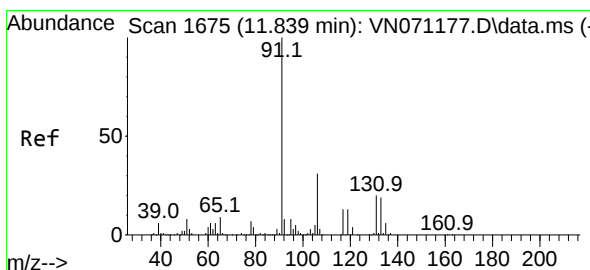
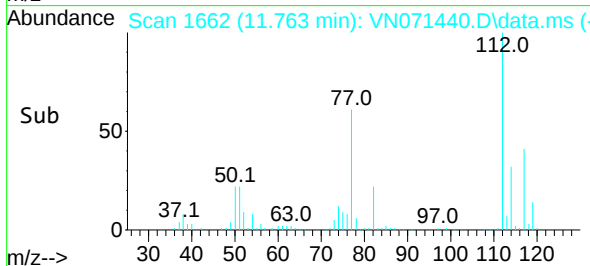
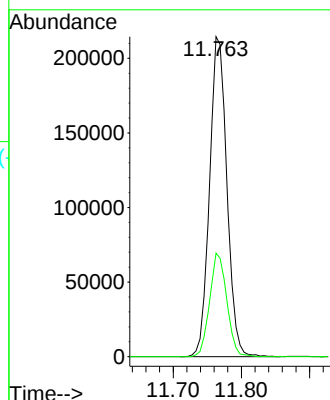
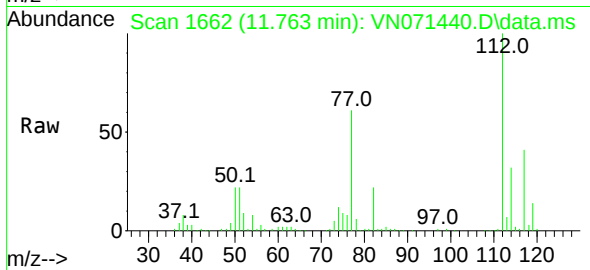




#65
Chlorobenzene
Concen: 19.125 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

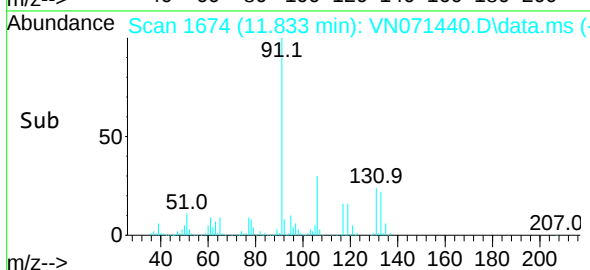
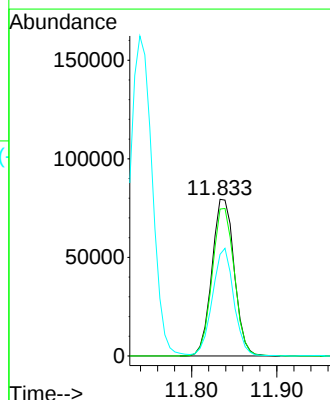
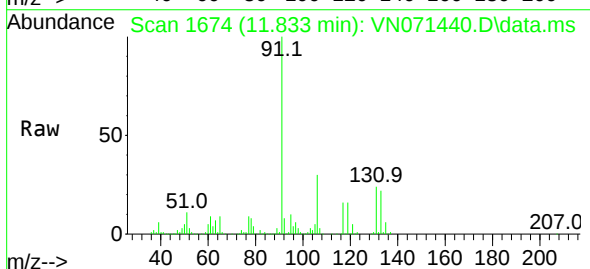
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

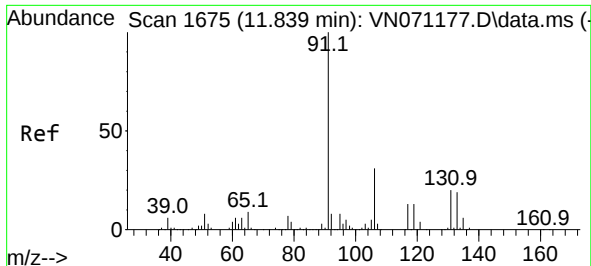
Tgt Ion:112 Resp: 379780
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.901 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion:131 Resp: 144901
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.7
119 65.7 32.1 96.5

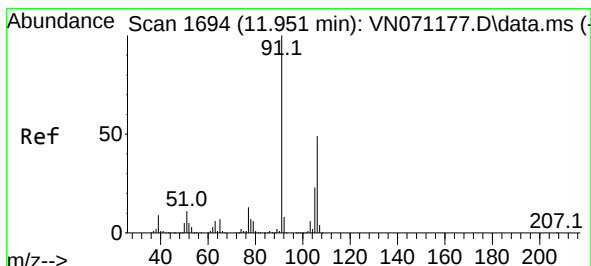
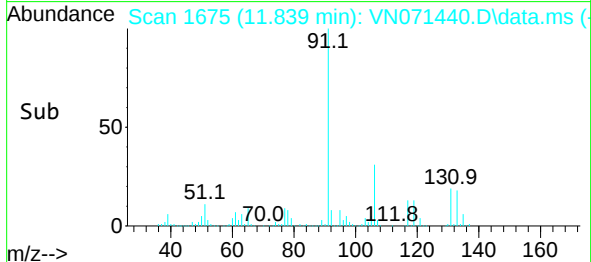
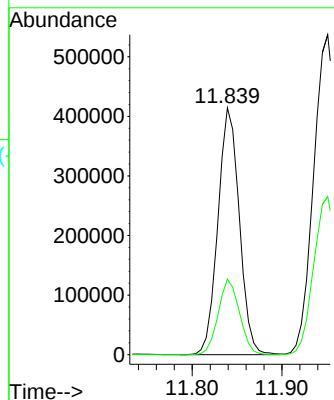
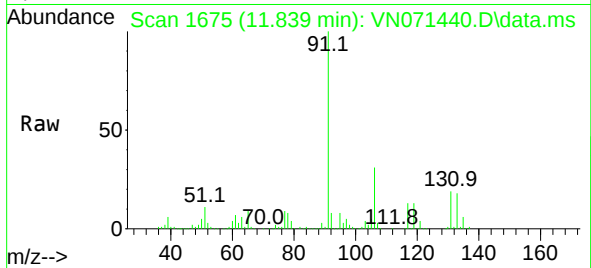




#67
Ethyl Benzene
Concen: 19.547 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

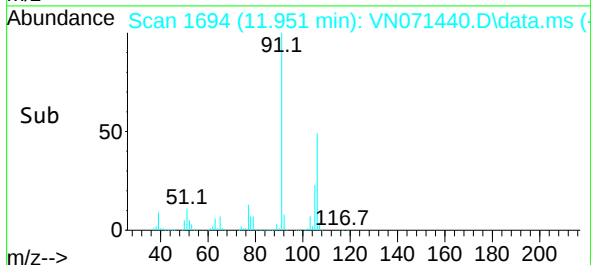
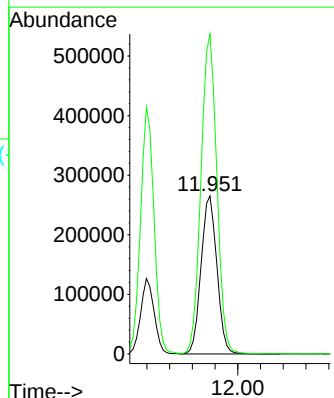
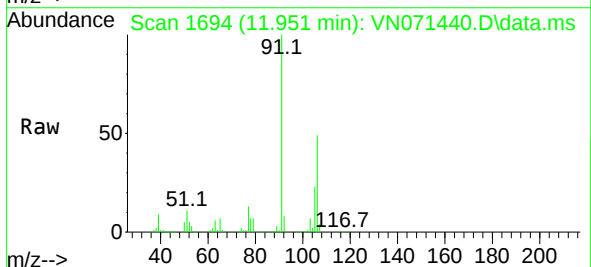
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

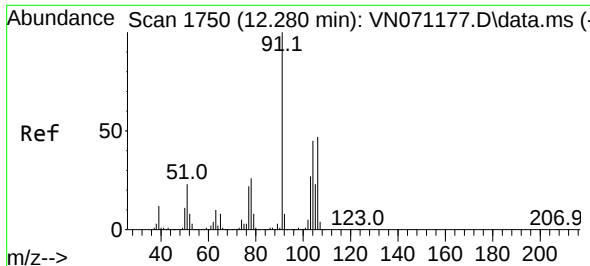
Tgt Ion: 91 Resp: 686292
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5



#68
m/p-Xylenes
Concen: 39.919 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 106 Resp: 512733
Ion Ratio Lower Upper
106 100
91 202.8 160.6 240.8

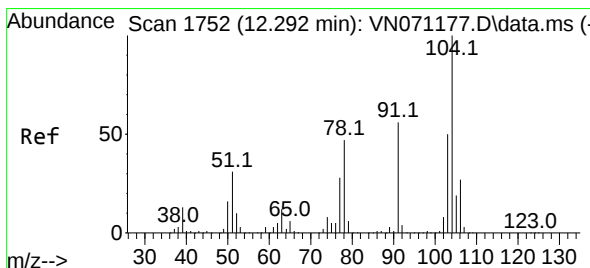
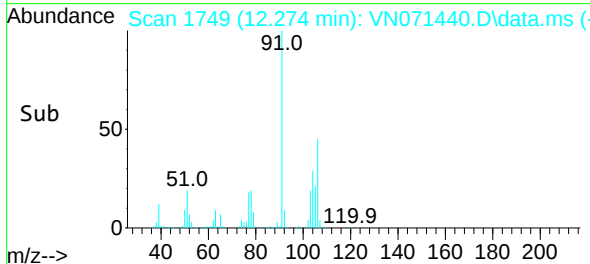
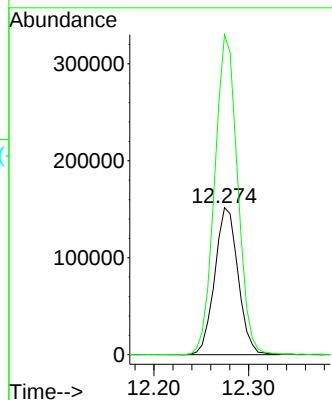
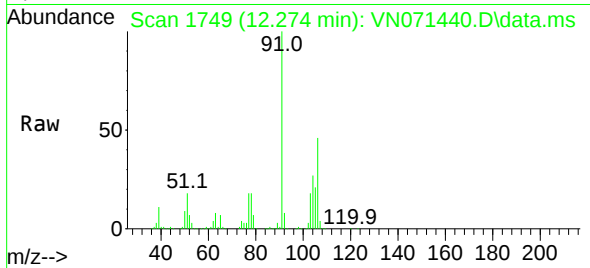




#69
o-Xylene
Concen: 20.140 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

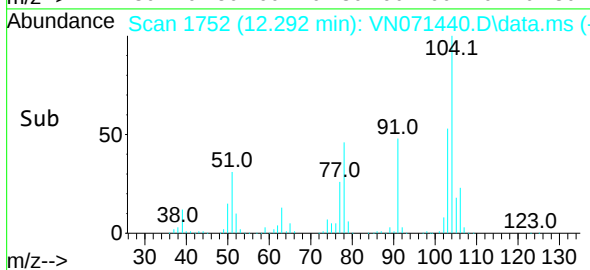
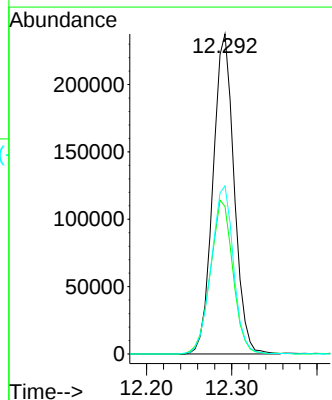
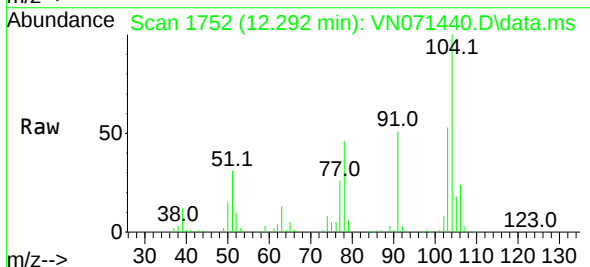
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

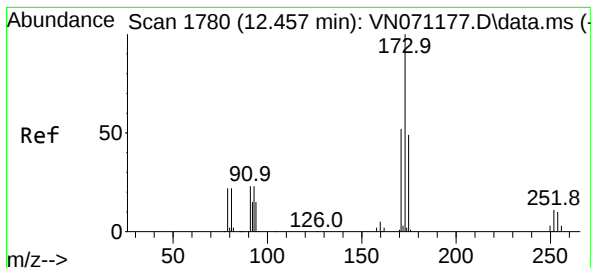
Tgt Ion:106 Resp: 259305
Ion Ratio Lower Upper
106 100
91 214.7 105.8 317.3



#70
Styrene
Concen: 20.535 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion:104 Resp: 409267
Ion Ratio Lower Upper
104 100
78 51.1 38.7 58.1
103 55.3 45.0 67.6





#71

Bromoform

Concen: 20.203 ug/l

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

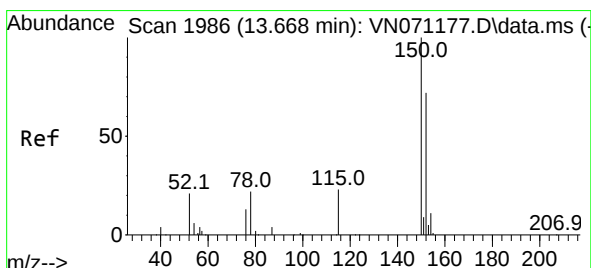
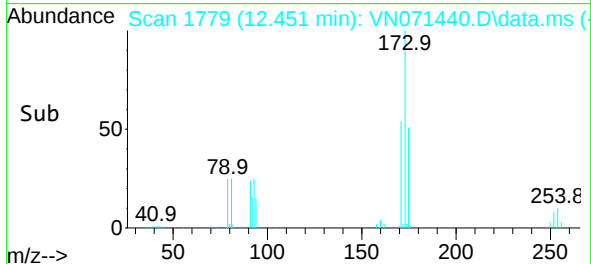
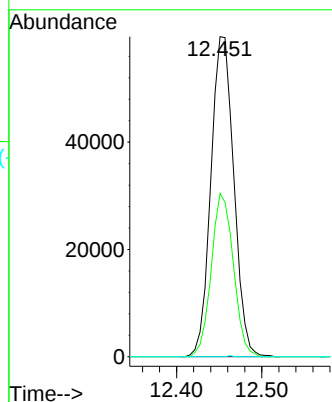
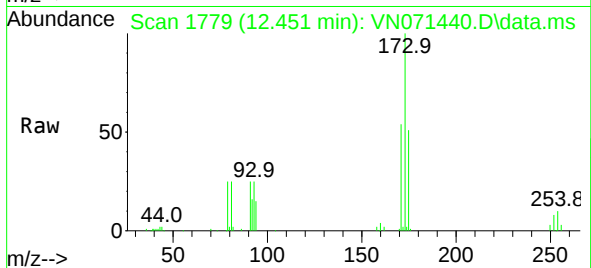
Tgt Ion:173 Resp: 111714

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

254 0.1 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: VN071440.D

Acq: 22 Mar 2022 00:55

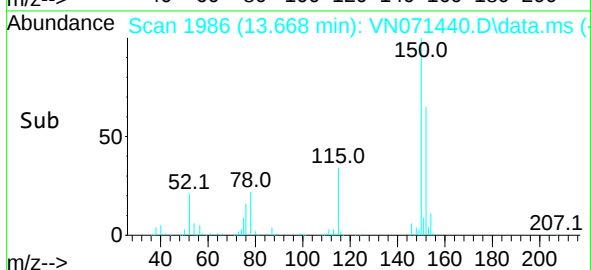
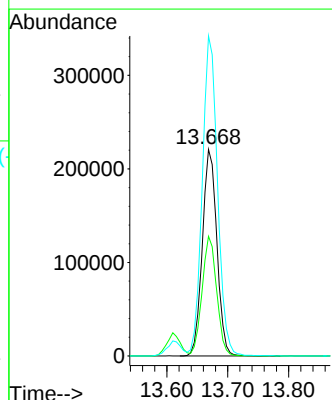
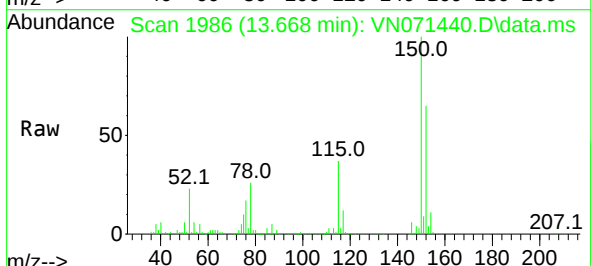
Tgt Ion:152 Resp: 366686

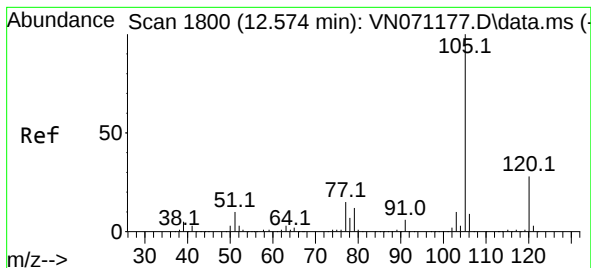
Ion Ratio Lower Upper

152 100

115 58.0 27.5 82.5

150 162.7 0.0 344.4





#73

Isopropylbenzene

Concen: 18.680 ug/l

RT: 12.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

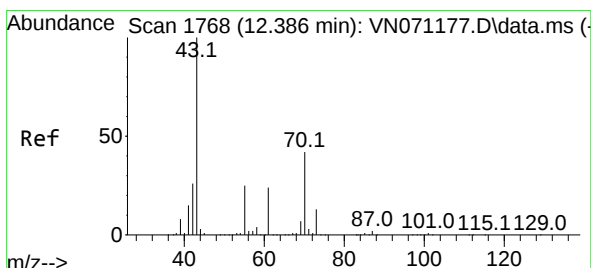
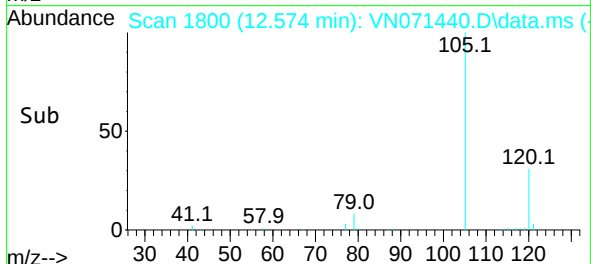
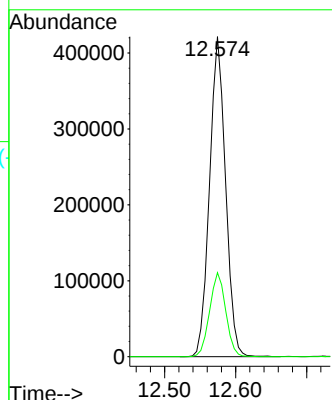
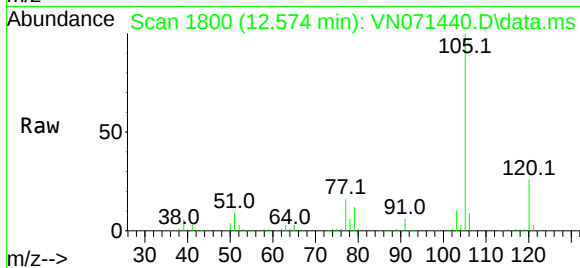
VN0321WBSD02

Tgt Ion:105 Resp: 660284

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 21.735 ug/l

RT: 12.380 min Scan# 1767

Delta R.T. -0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Tgt Ion: 43 Resp: 288879

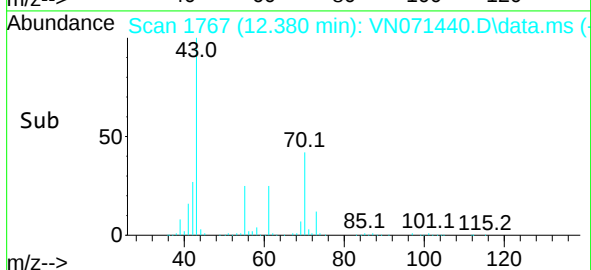
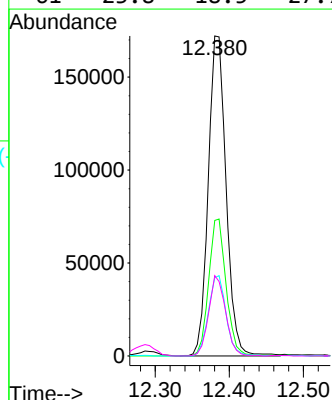
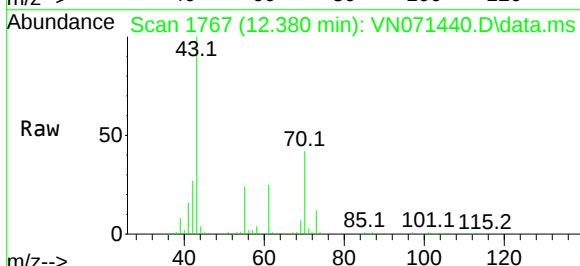
Ion Ratio Lower Upper

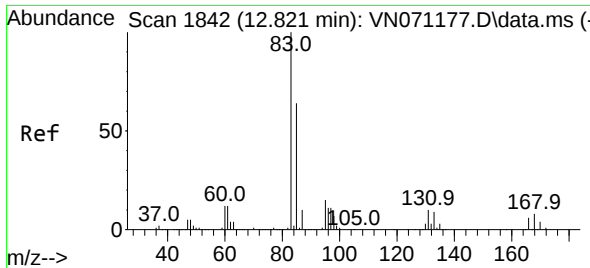
43 100

70 41.7 33.4 50.0

55 25.0 19.3 28.9

61 23.8 18.5 27.7

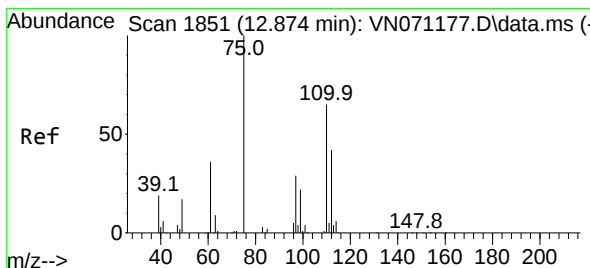
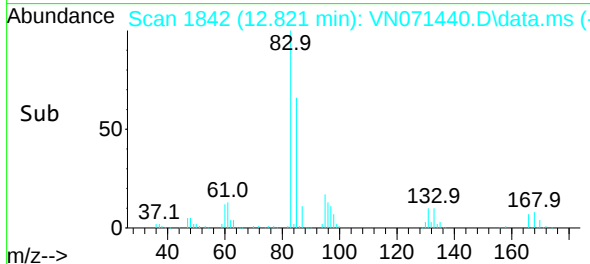
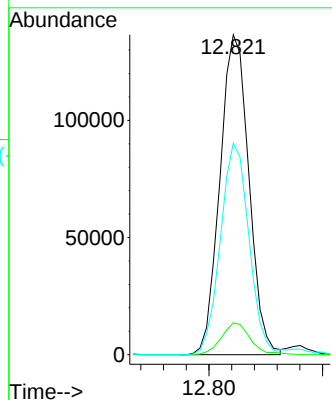
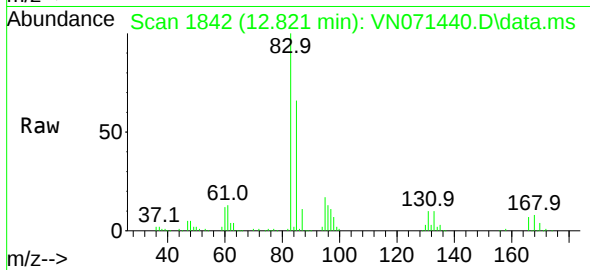




#75
1,1,2,2-Tetrachloroethane
Concen: 21.542 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

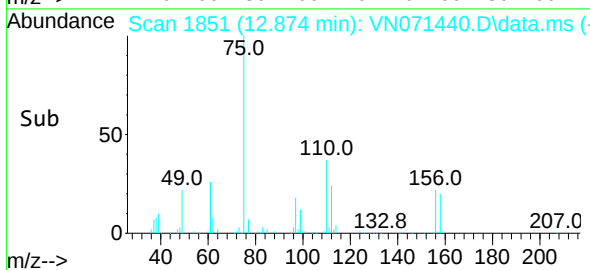
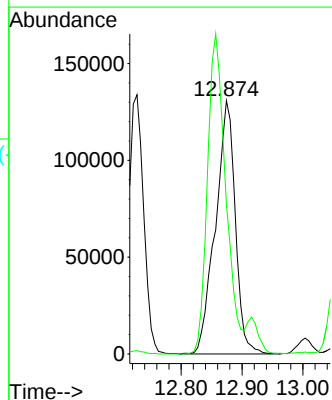
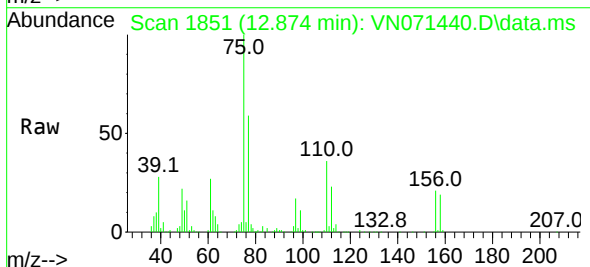
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

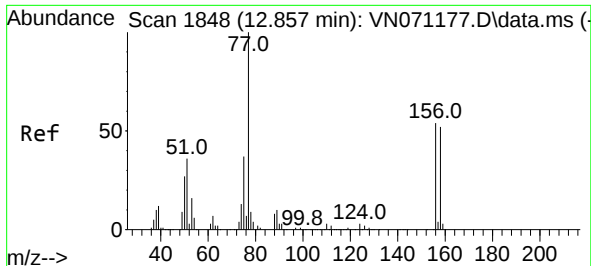
Tgt Ion: 83 Resp: 241602
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 65.5 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 32.343 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 75 Resp: 296296
Ion Ratio Lower Upper
75 100
77 116.8 82.6 247.8

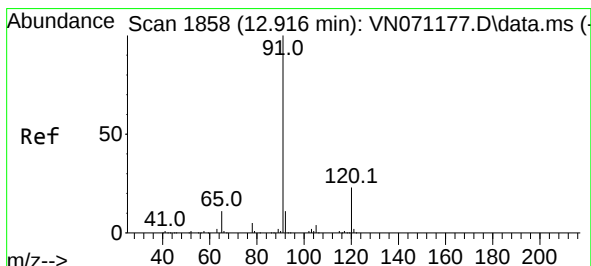
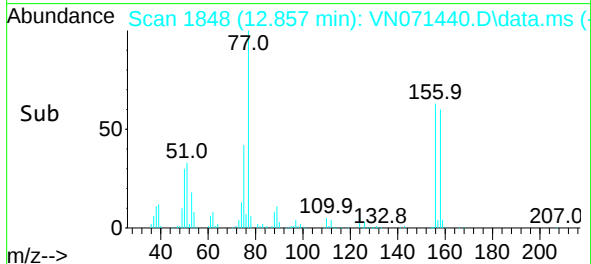
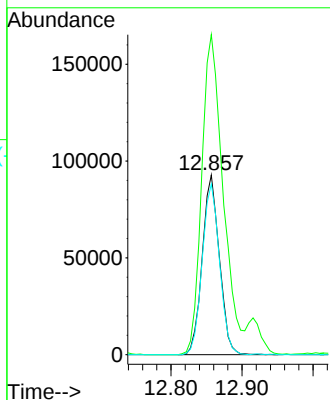
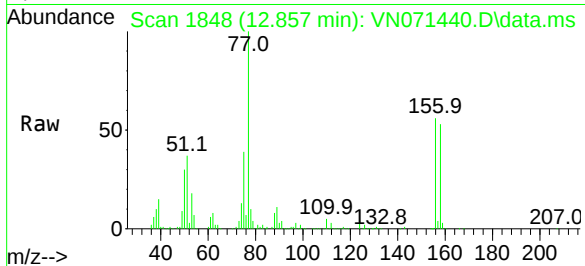




#77
Bromobenzene
Concen: 18.878 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

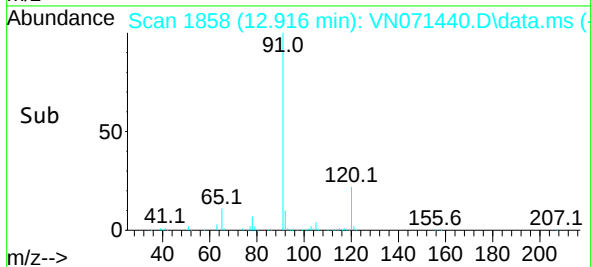
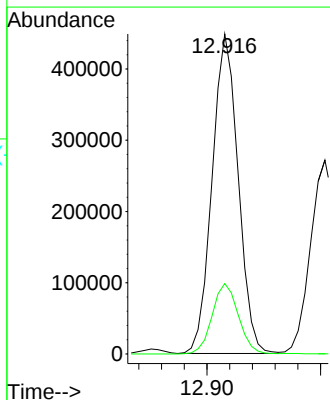
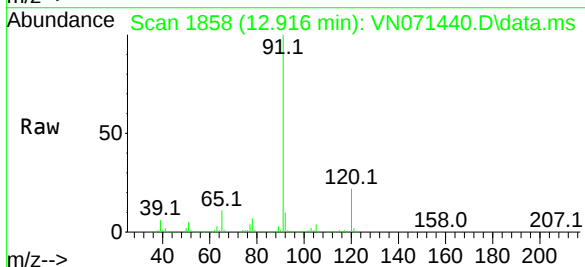
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

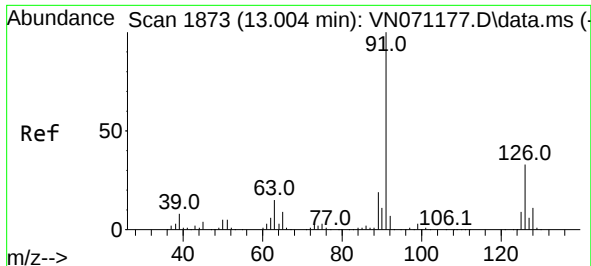
Tgt Ion:156 Resp: 155607
Ion Ratio Lower Upper
156 100
77 222.5 90.6 271.8
158 96.0 48.9 146.7



#78
n-propylbenzene
Concen: 18.818 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 91 Resp: 713785
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9

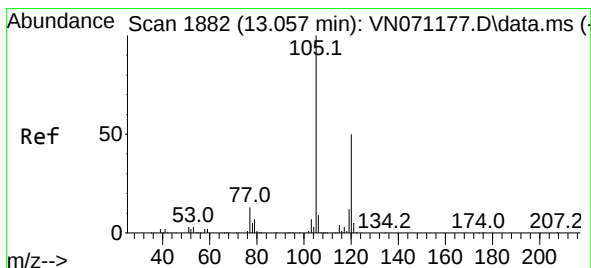
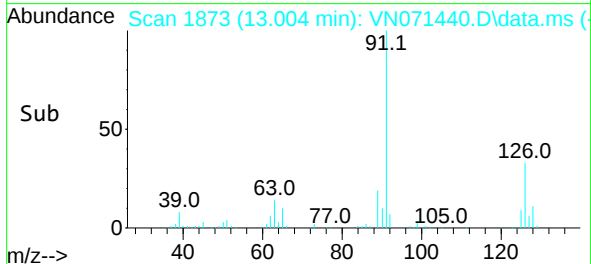
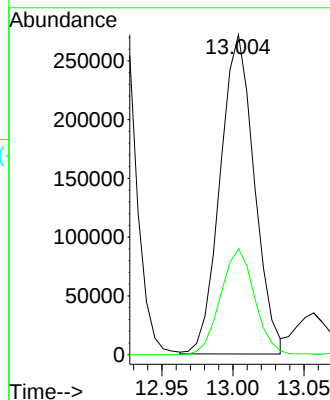
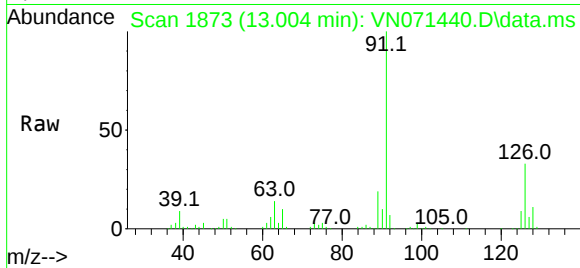




#79
2-Chlorotoluene
Concen: 18.662 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

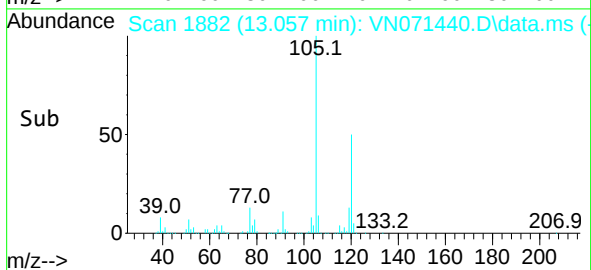
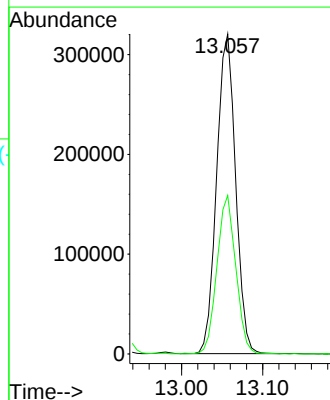
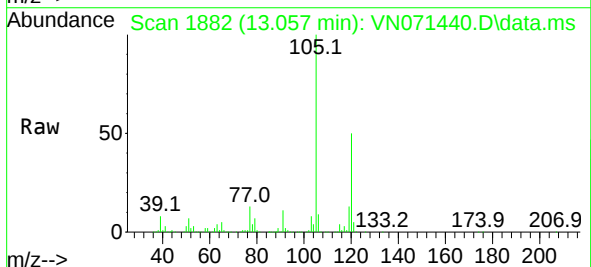
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

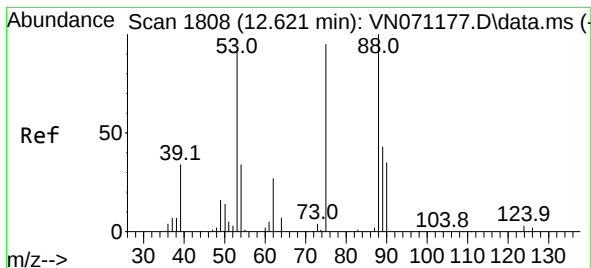
Tgt Ion: 91 Resp: 454402
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 18.892 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 105 Resp: 519548
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6

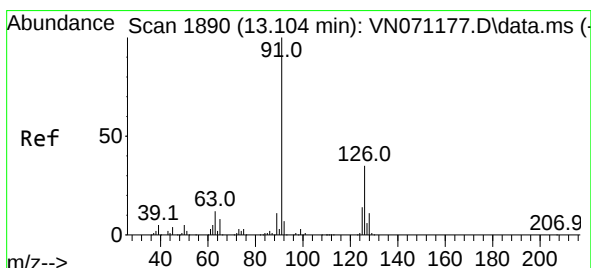
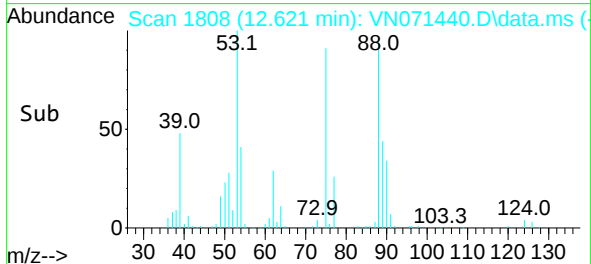
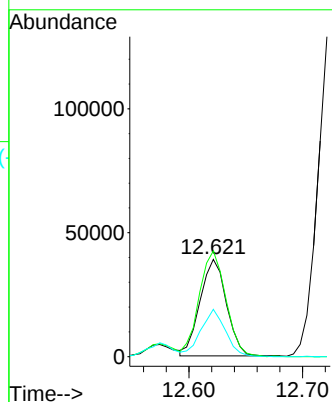
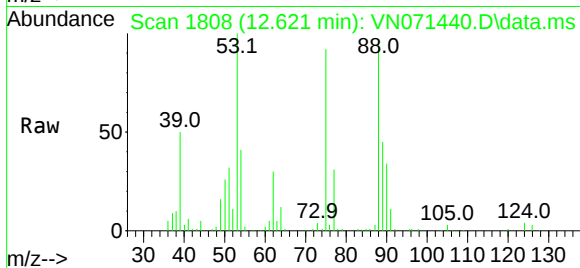




#81
trans-1,4-Dichloro-2-butene
Concen: 18.445 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

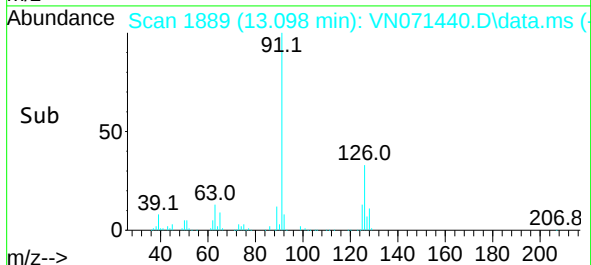
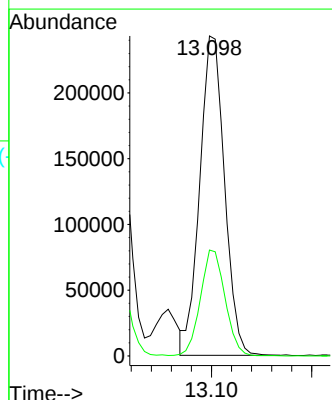
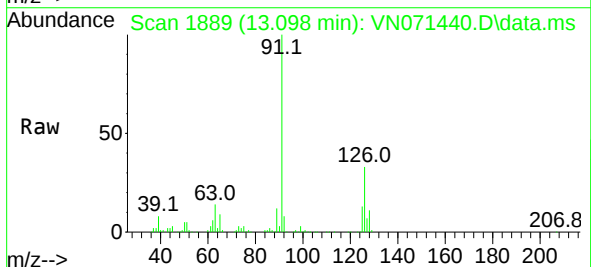
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

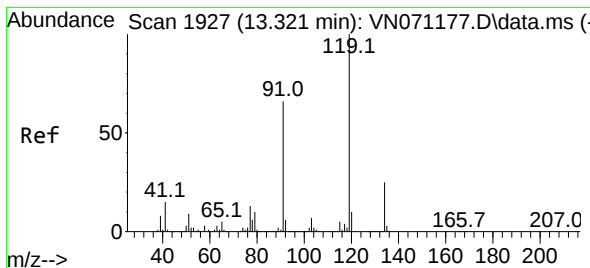
Tgt Ion: 75 Resp: 62569
Ion Ratio Lower Upper
75 100
53 111.7 90.5 135.7
89 46.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.227 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 91 Resp: 417005
Ion Ratio Lower Upper
91 100
126 33.2 18.2 54.6





#83

tert-Butylbenzene

Concen: 19.560 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

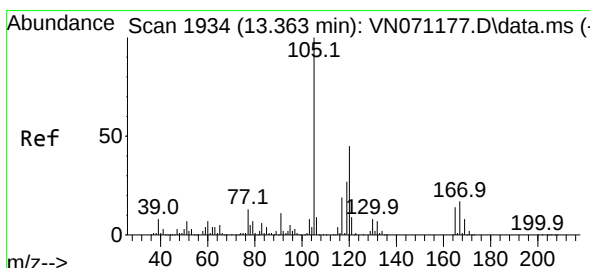
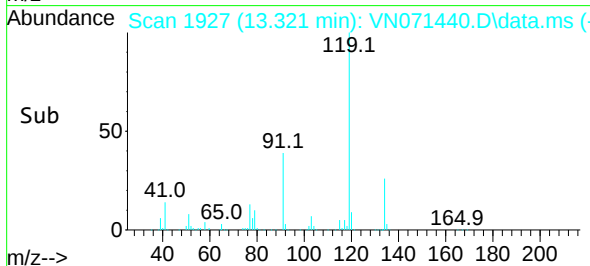
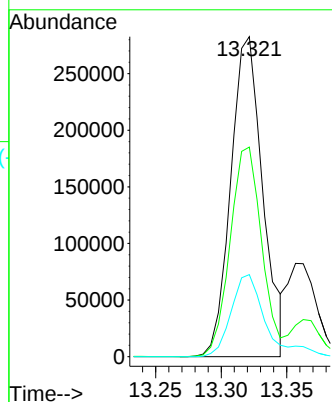
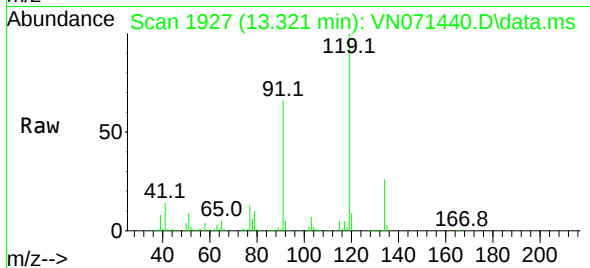
Tgt Ion:119 Resp: 480057

Ion Ratio Lower Upper

119 100

91 64.6 31.5 94.5

134 27.7 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.392 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN071440.D

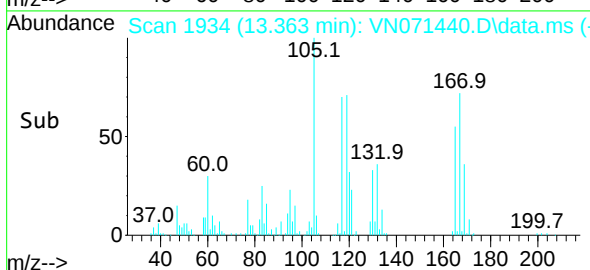
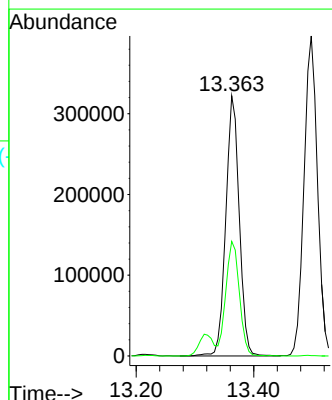
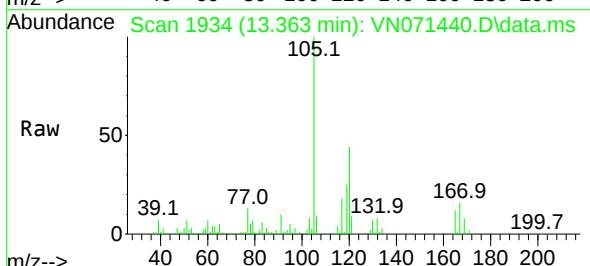
Acq: 22 Mar 2022 00:55

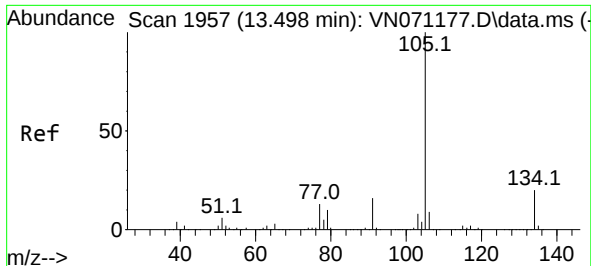
Tgt Ion:105 Resp: 510819

Ion Ratio Lower Upper

105 100

120 44.0 22.8 68.4

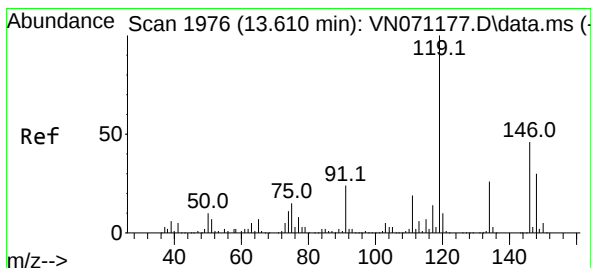
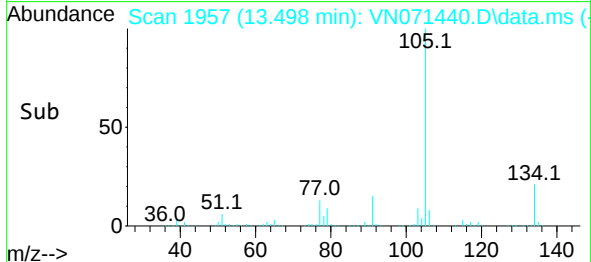
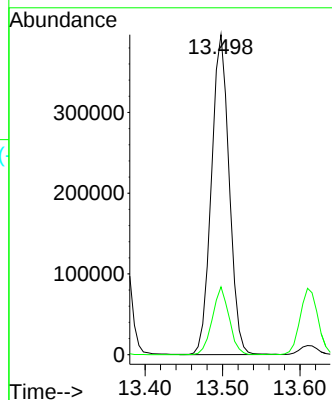
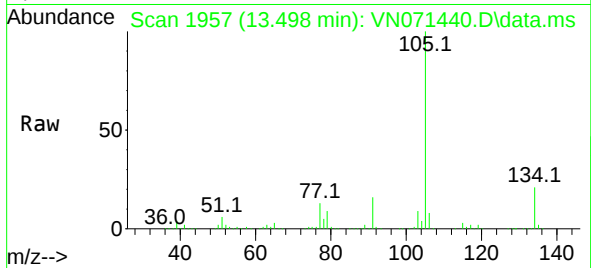




#85
 sec-Butylbenzene
 Concen: 19.361 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

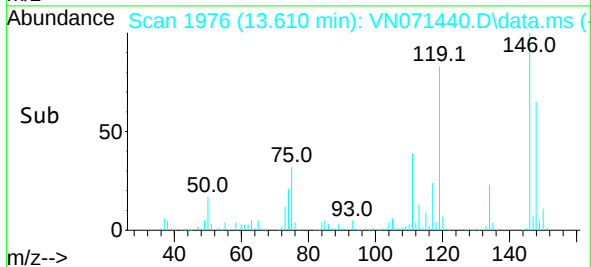
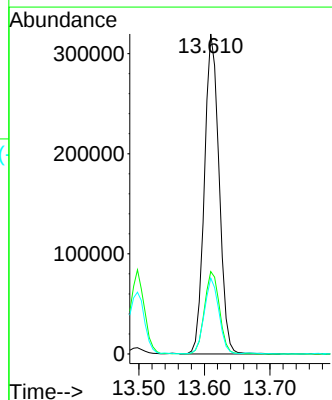
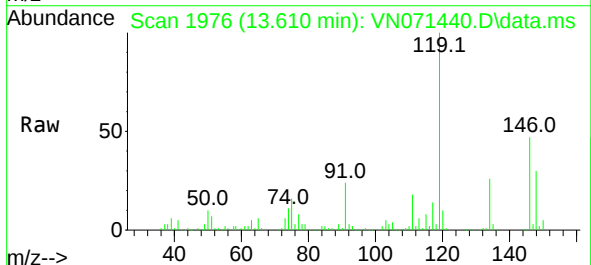
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

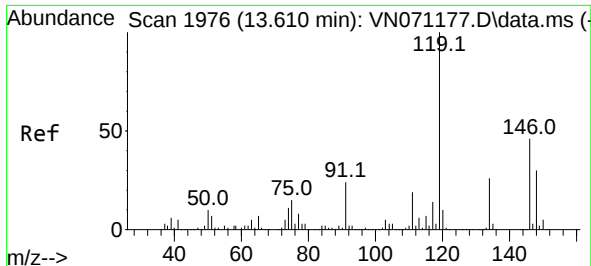
Tgt Ion:105 Resp: 631560
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.419 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

Tgt Ion:119 Resp: 498188
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 23.3 11.4 34.1

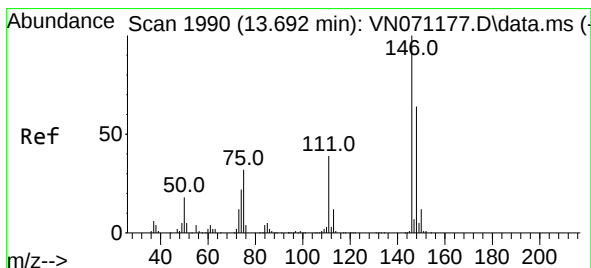
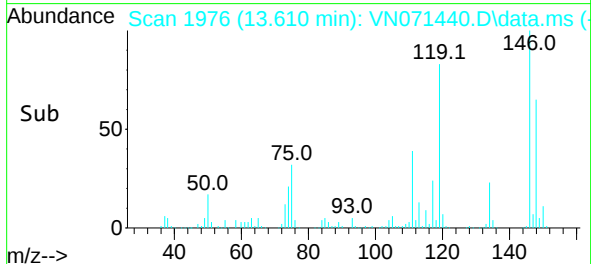
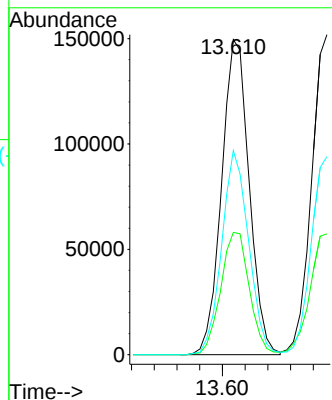
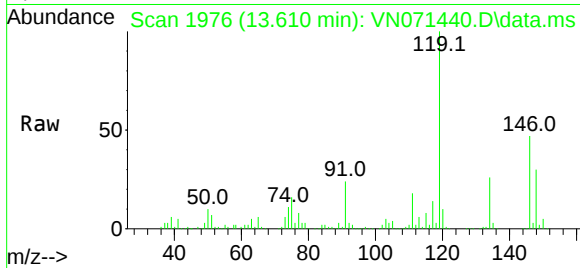




#87
 1,3-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

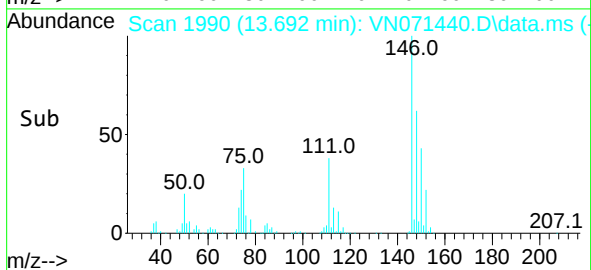
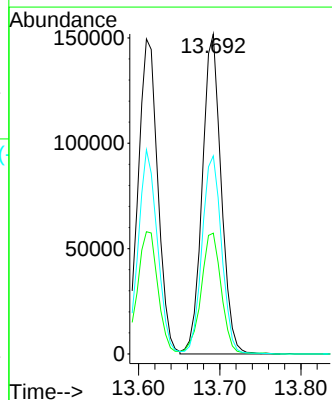
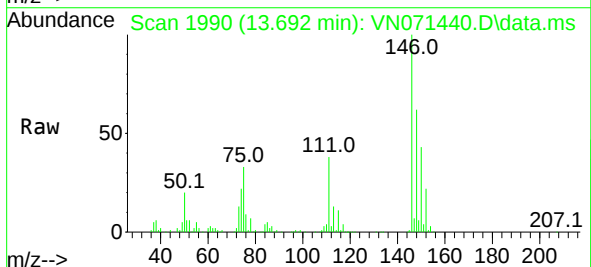
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

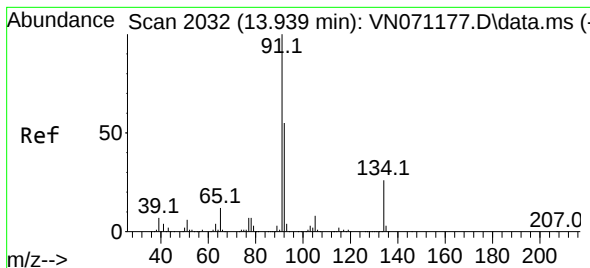
Tgt Ion:146 Resp: 252048
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.6 55.6
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.753 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN071440.D
 Acq: 22 Mar 2022 00:55

Tgt Ion:146 Resp: 245505
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.3 54.8
 148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 18.149 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

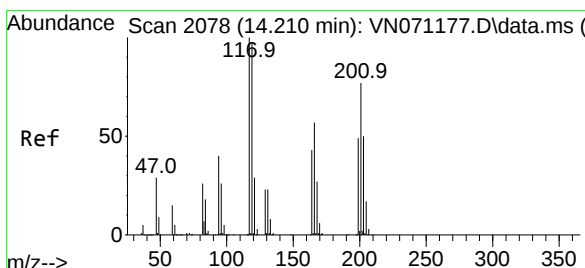
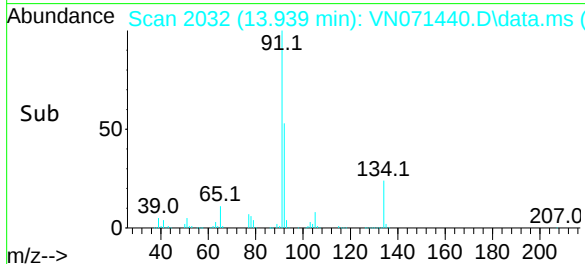
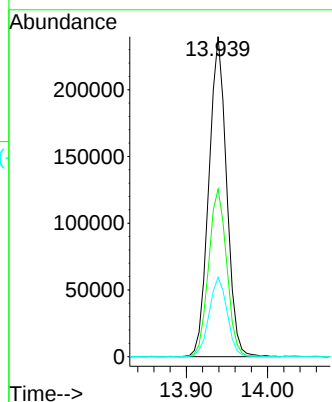
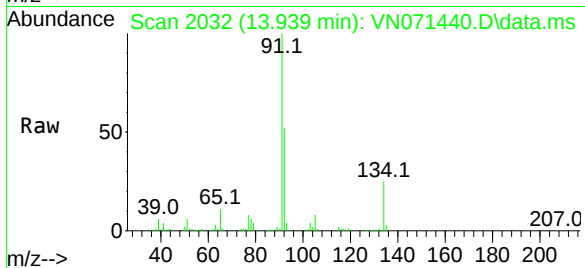
Tgt Ion: 91 Resp: 364169

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 25.2 13.6 40.8



#90

Hexachloroethane

Concen: 18.625 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VN071440.D

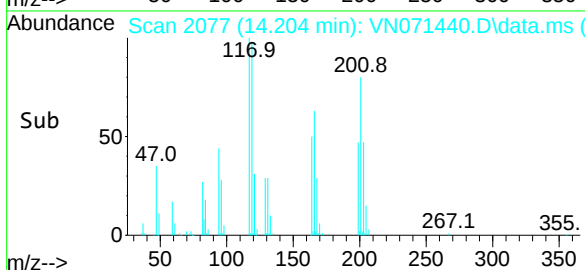
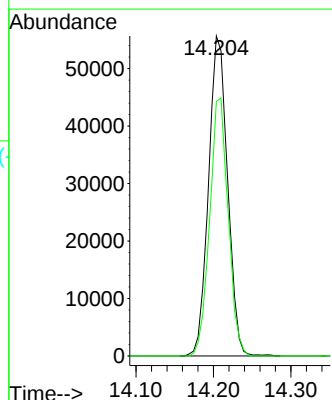
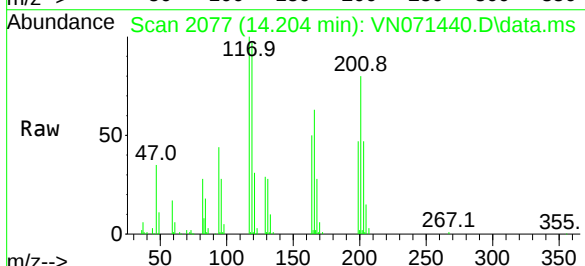
Acq: 22 Mar 2022 00:55

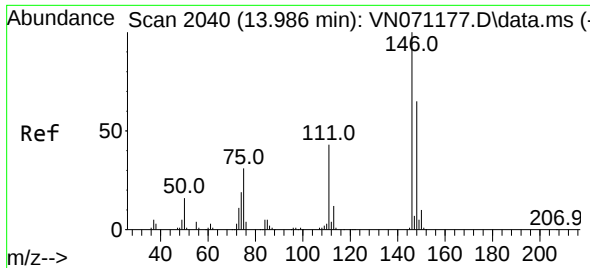
Tgt Ion: 117 Resp: 95020

Ion Ratio Lower Upper

117 100

201 78.3 43.9 131.6

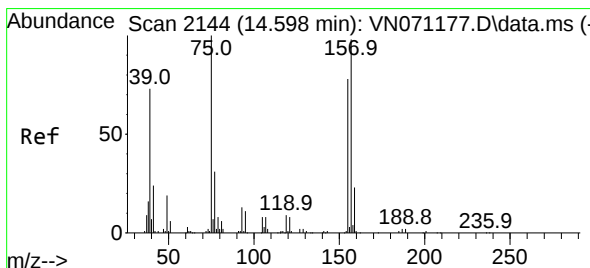
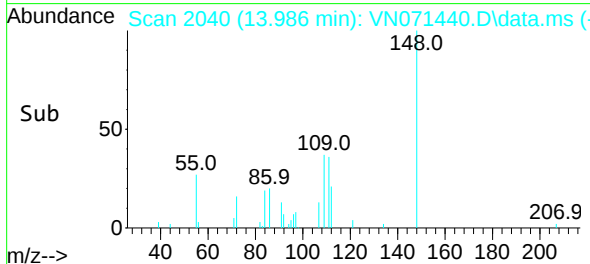
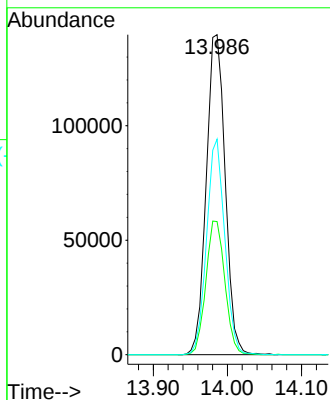
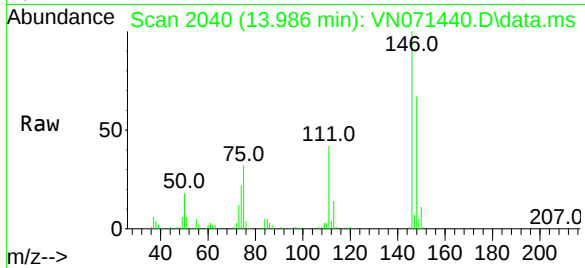




#91
1,2-Dichlorobenzene
Concen: 19.277 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

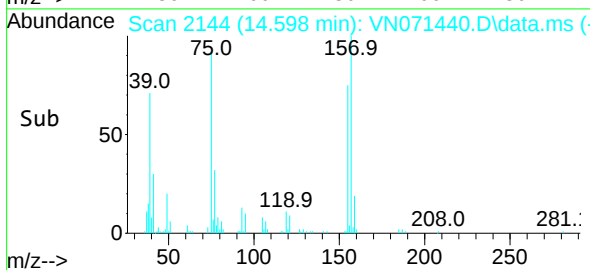
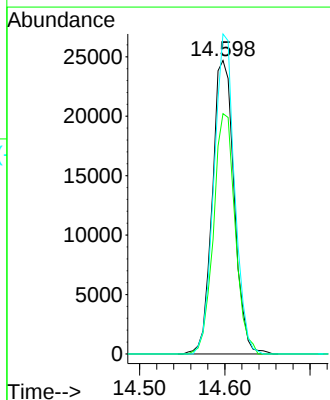
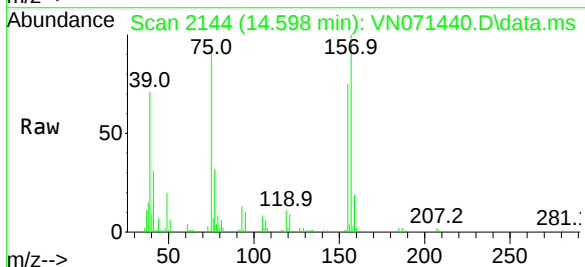
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD02

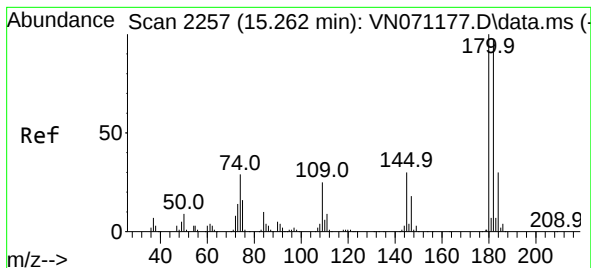
Tgt Ion:146 Resp: 248213
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 64.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.341 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071440.D
Acq: 22 Mar 2022 00:55

Tgt Ion: 75 Resp: 43892
Ion Ratio Lower Upper
75 100
155 80.9 46.9 140.7
157 103.1 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 20.103 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

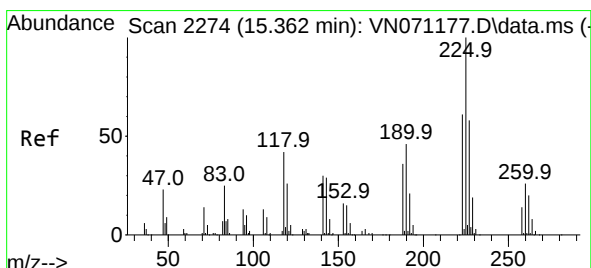
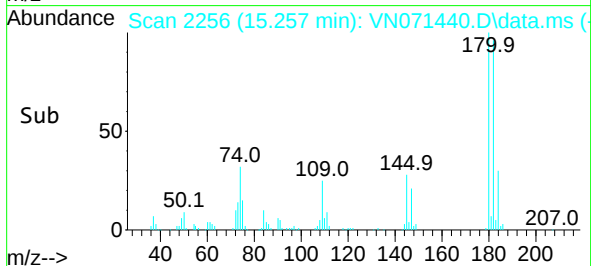
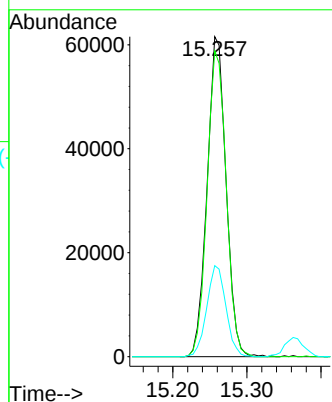
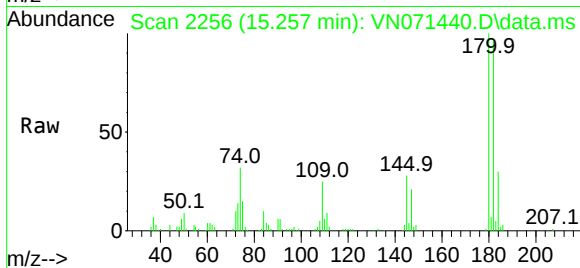
Tgt Ion:180 Resp: 109382

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.9

145 28.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.001 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

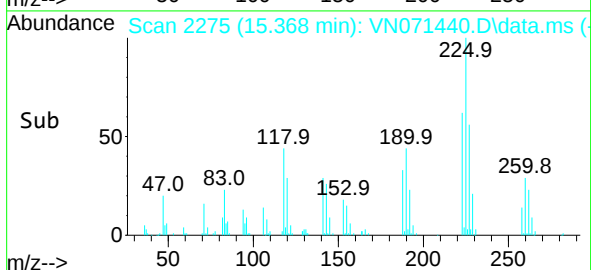
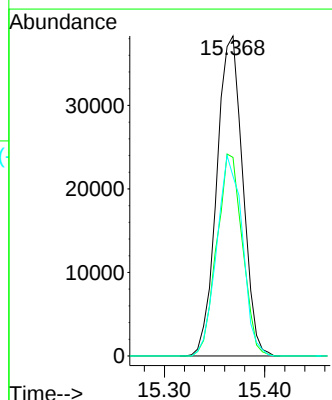
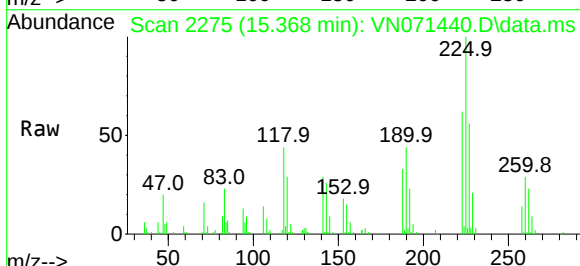
Tgt Ion:225 Resp: 68681

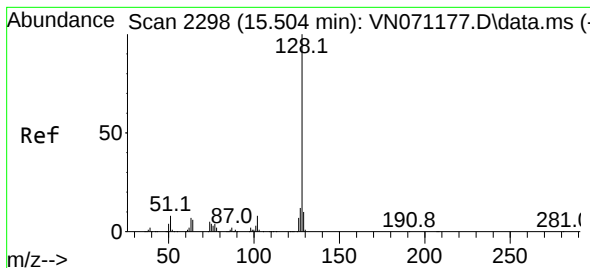
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.7

227 62.1 32.1 96.3





#95

Naphthalene

Concen: 23.193 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD02

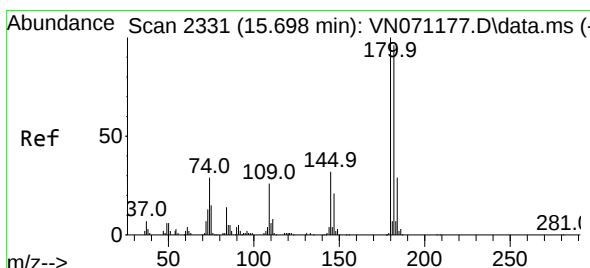
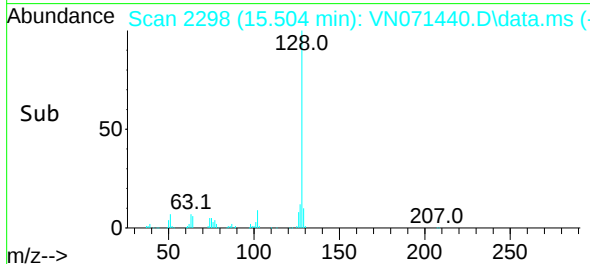
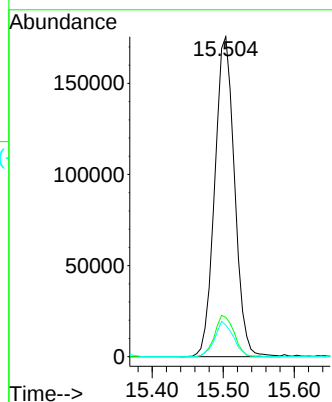
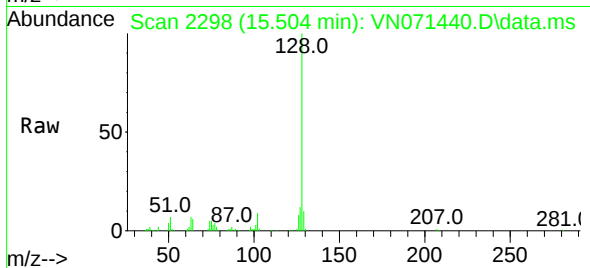
Tgt Ion:128 Resp: 339046

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.244 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071440.D

Acq: 22 Mar 2022 00:55

Tgt Ion:180 Resp: 112730

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

145 31.8 15.0 45.1

