

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071713.D
 Acq On : 31 Mar 2022 18:50
 Operator : JC\MD
 Sample : VN0331WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS03

Quant Time: Apr 07 04:06:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	600494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	932394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	823284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	300348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	334008	48.722	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.440%
35) Dibromofluoromethane	8.022	113	274996	50.121	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.240%
50) Toluene-d8	10.439	98	1123801	50.070	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.727	95	337411	46.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	84734	17.749	ug/l	99
3) Chloromethane	2.305	50	104741	17.314	ug/l	98
4) Vinyl Chloride	2.446	62	113903	17.145	ug/l	97
5) Bromomethane	2.857	94	76508	17.716	ug/l	98
6) Chloroethane	3.016	64	77805	16.280	ug/l	93
7) Trichlorofluoromethane	3.375	101	147419	17.442	ug/l	96
8) Diethyl Ether	3.828	74	66075	18.498	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.222	101	91376	17.543	ug/l	97
10) Methyl Iodide	4.422	142	124484	17.097	ug/l	99
11) Tert butyl alcohol	5.363	59	99937	89.830	ug/l	99
12) 1,1-Dichloroethene	4.193	96	86714	17.495	ug/l	93
13) Acrolein	4.040	56	104172	76.796	ug/l	97
14) Allyl chloride	4.846	41	139458	17.335	ug/l	97
15) Acrylonitrile	5.557	53	305891	94.595	ug/l	99
16) Acetone	4.287	43	242314	82.709	ug/l	100
17) Carbon Disulfide	4.534	76	179563	15.789	ug/l	97
18) Methyl Acetate	4.857	43	135987	17.768	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	335256	18.207	ug/l	94
20) Methylene Chloride	5.098	84	111342	18.031	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	92887	17.071	ug/l	99
22) Diisopropyl ether	6.492	45	327669	18.709	ug/l	98
23) Vinyl Acetate	6.434	43	1339203	96.158	ug/l	100
24) 1,1-Dichloroethane	6.393	63	189732	18.454	ug/l	99
25) 2-Butanone	7.334	43	382420	90.544	ug/l	100
26) 2,2-Dichloropropane	7.322	77	156999	17.776	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	119091	17.849	ug/l	98
28) Bromochloromethane	7.657	49	68166	16.436	ug/l	99
29) Tetrahydrofuran	7.687	42	260241	95.159	ug/l	99
30) Chloroform	7.816	83	195754	18.032	ug/l	100
31) Cyclohexane	8.092	56	159515	17.110	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	166238	17.899	ug/l	99
36) 1,1-Dichloropropene	8.222	75	135906	17.738	ug/l	98
37) Ethyl Acetate	7.410	43	162228	19.345	ug/l	98
38) Carbon Tetrachloride	8.210	117	136363	18.160	ug/l	97
39) Methylcyclohexane	9.457	83	162565	17.824	ug/l	96
40) Benzene	8.457	78	445874	18.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	77021	18.757	ug/l	93
42) 1,2-Dichloroethane	8.528	62	154543	18.458	ug/l	99
43) Isopropyl Acetate	8.557	43	246188	17.650	ug/l	99
44) Trichloroethene	9.216	130	112339	18.016	ug/l	97
45) 1,2-Dichloropropane	9.486	63	112616	18.625	ug/l	99
46) Dibromomethane	9.575	93	76314	18.589	ug/l	98
47) Bromodichloromethane	9.757	83	154178	19.079	ug/l	98
48) Methyl methacrylate	9.557	41	106990	18.488	ug/l	94
49) 1,4-Dioxane	9.569	88	46910	332.461	ug/l	93
51) 4-Methyl-2-Pentanone	10.328	43	780375	97.307	ug/l	99
52) Toluene	10.504	92	284395	18.588	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	158680	18.735	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	177127	18.928	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	118510	18.821	ug/l	99
56) Ethyl methacrylate	10.757	69	172520	19.206	ug/l	97
57) 1,3-Dichloropropane	11.039	76	198265	18.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	163687	72.140	ug/l	99
59) 2-Hexanone	11.080	43	545114	96.543	ug/l	99
60) Dibromochloromethane	11.233	129	117743	19.177	ug/l	99
61) 1,2-Dibromoethane	11.345	107	116769	18.839	ug/l	98
64) Tetrachloroethene	10.975	164	98115	18.048	ug/l	97
65) Chlorobenzene	11.769	112	305681	18.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	113993	19.163	ug/l	99
67) Ethyl Benzene	11.845	91	515940	18.488	ug/l	99
68) m/p-Xylenes	11.951	106	394761	36.816	ug/l	100
69) o-Xylene	12.280	106	199207	18.717	ug/l	99
70) Styrene	12.292	104	303723	18.835	ug/l	99
71) Bromoform	12.457	173	86337	19.059	ug/l #	100
73) Isopropylbenzene	12.574	105	507297	20.044	ug/l	99
74) N-amyl acetate	12.386	43	143328	19.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	174491	20.663	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	196462	28.236	ug/l	50
77) Bromobenzene	12.857	156	118734	18.714	ug/l	99
78) n-propylbenzene	12.916	91	522216	19.615	ug/l	99
79) 2-Chlorotoluene	13.004	91	340291	19.930	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	407204	20.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	44422	19.785	ug/l	98
82) 4-Chlorotoluene	13.104	91	295492	18.671	ug/l	99
83) tert-Butylbenzene	13.321	119	361432	19.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	391084	19.988	ug/l	99
85) sec-Butylbenzene	13.498	105	469391	19.754	ug/l	99
86) p-Isopropyltoluene	13.610	119	370063	19.532	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	189434	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	181439	18.399	ug/l	99
89) n-Butylbenzene	13.939	91	252444	17.964	ug/l	99
90) Hexachloroethane	14.204	117	71193	20.527	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	188791	19.025	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26285	20.067	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	76504	17.423	ug/l	99
94) Hexachlorobutadiene	15.363	225	51615	17.636	ug/l	99
95) Naphthalene	15.504	128	183858	16.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	74047	17.633	ug/l	100

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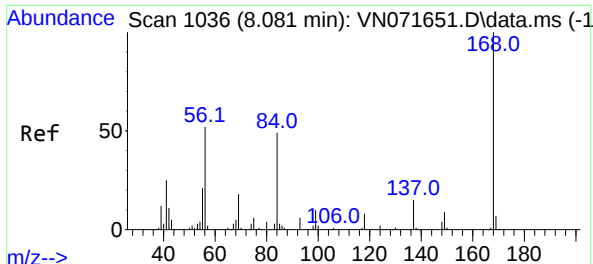
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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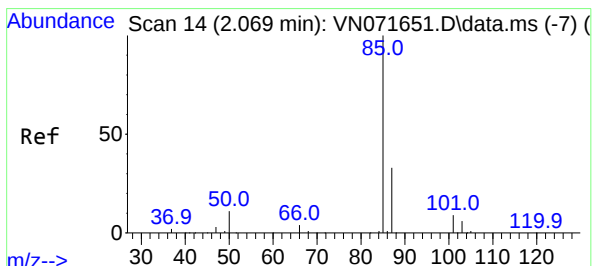
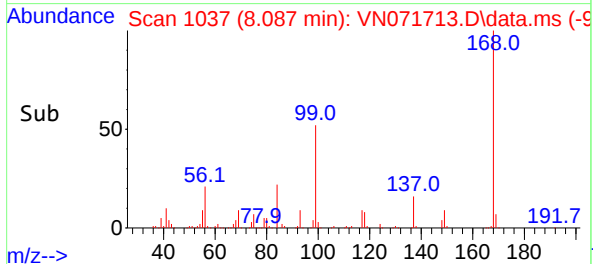
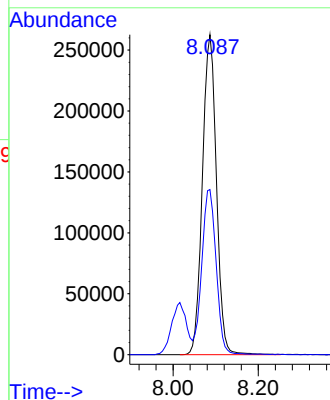
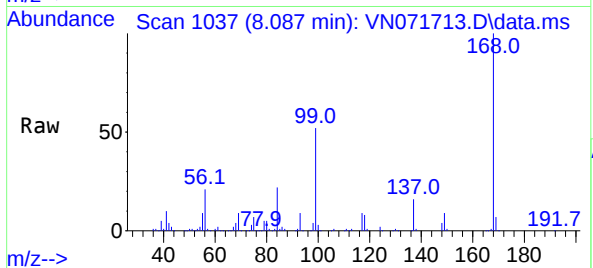




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071713.D
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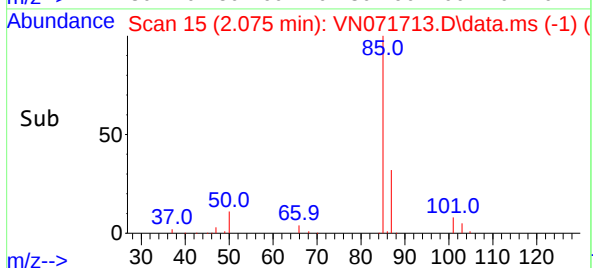
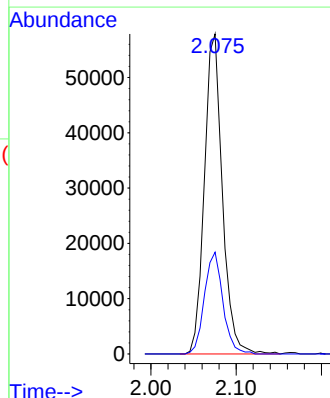
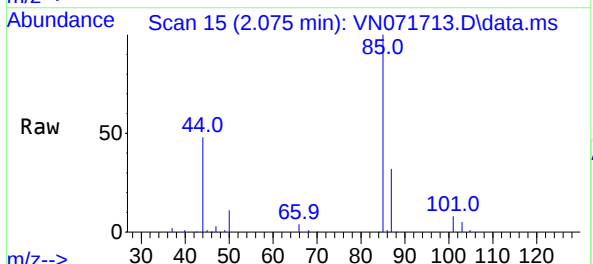
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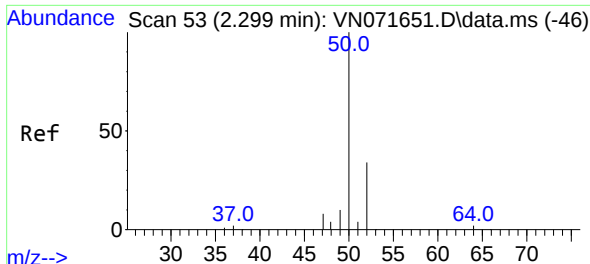
Tgt Ion:168 Resp: 600494
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 17.749 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 85 Resp: 84734
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1

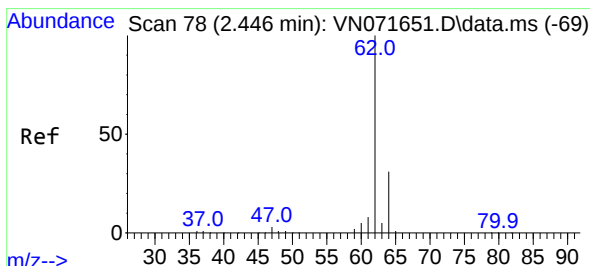
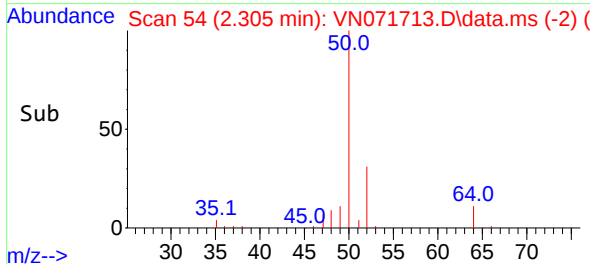
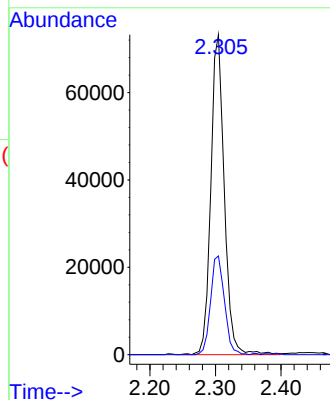
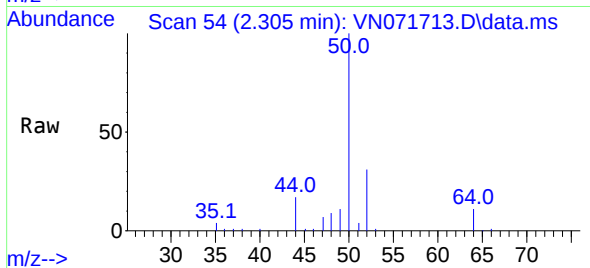




#3
Chloromethane
Concen: 17.314 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

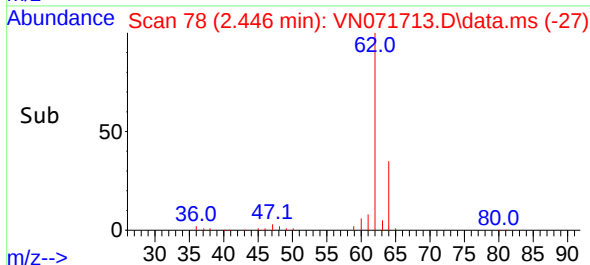
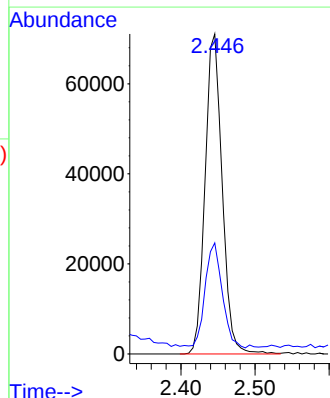
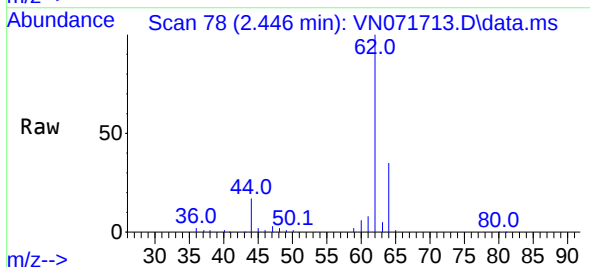
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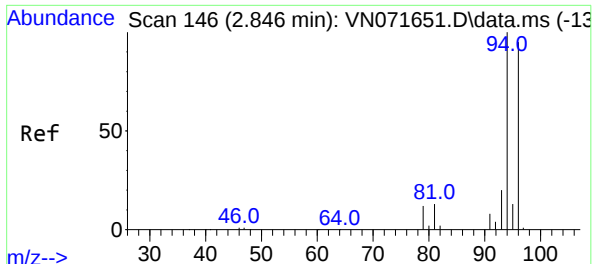
Tgt Ion: 50 Resp: 104741
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5



#4
Vinyl Chloride
Concen: 17.145 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 62 Resp: 113903
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4

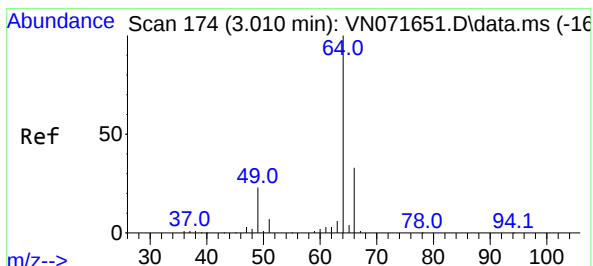
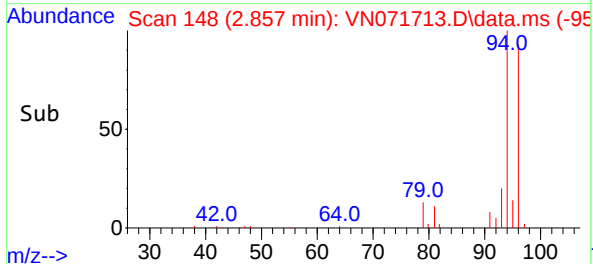
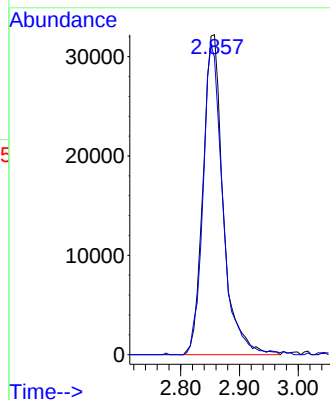
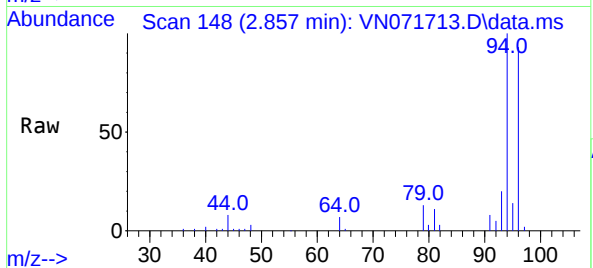




#5
Bromomethane
Concen: 17.716 ug/l
RT: 2.857 min Scan# 14
Delta R.T. 0.011 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

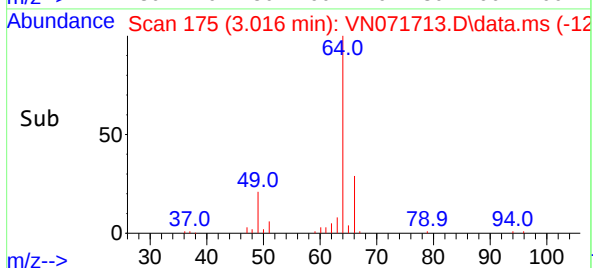
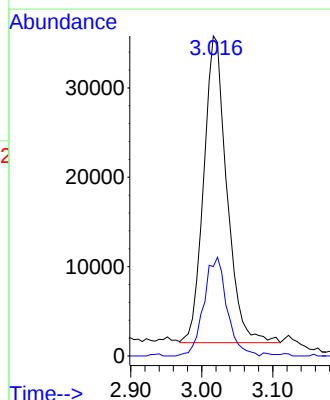
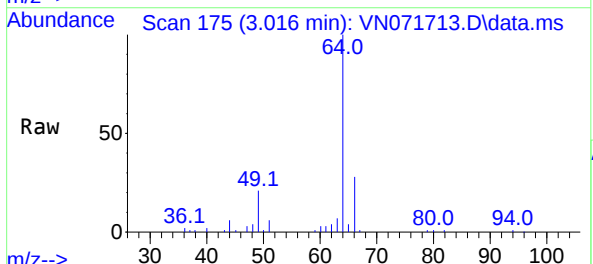
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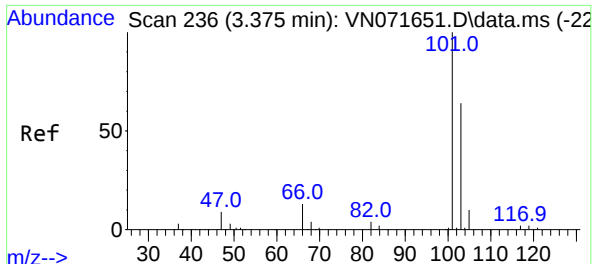
Tgt Ion: 94 Resp: 76508
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0



#6
Chloroethane
Concen: 16.280 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 64 Resp: 77805
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.4

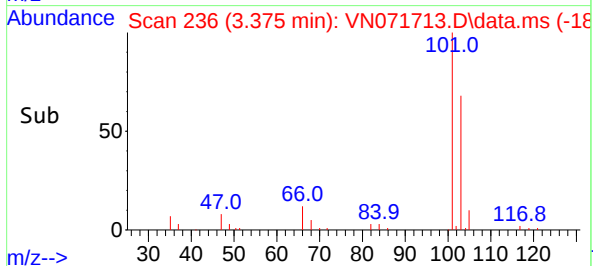
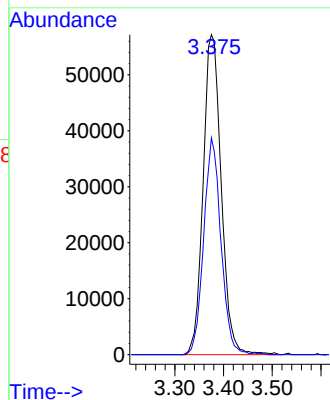
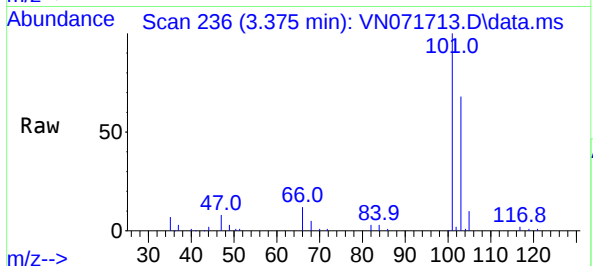




#7
 Trichlorofluoromethane
 Concen: 17.442 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071713.D
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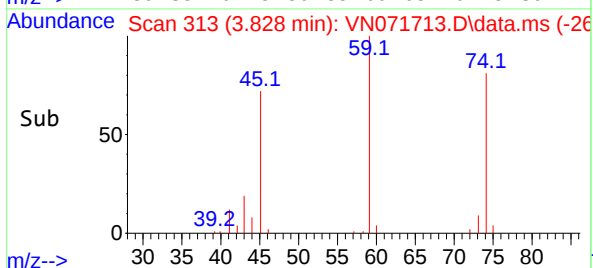
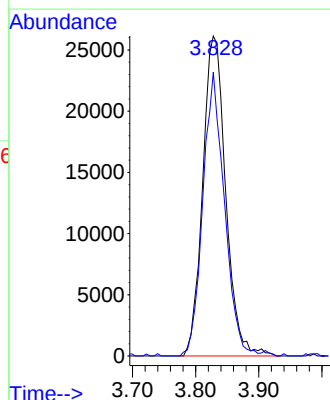
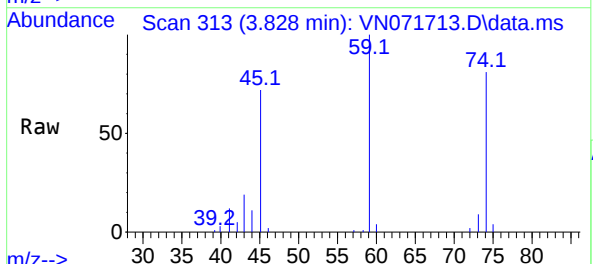
Instrument :
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 ClientSampleId :
 VN0331WBS03

Tgt Ion:101 Resp: 147419
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 18.498 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VN071713.D
 Acq: 31 Mar 2022 18:50

Tgt Ion: 74 Resp: 66075
 Ion Ratio Lower Upper
 74 100
 45 83.2 42.9 128.5

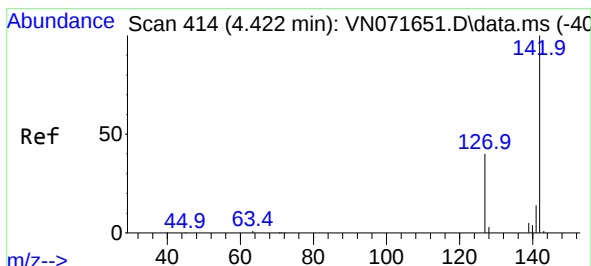
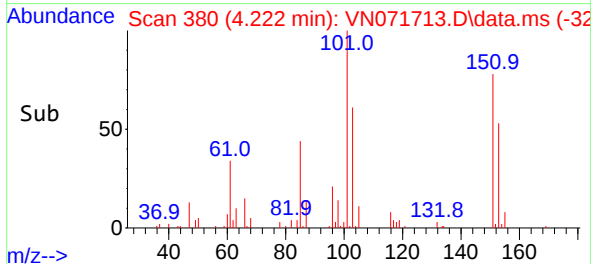
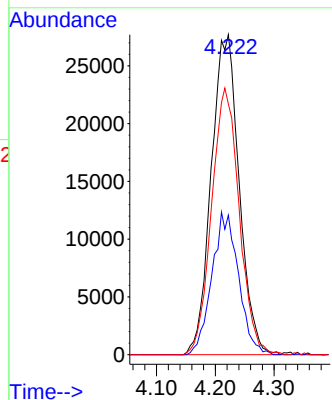
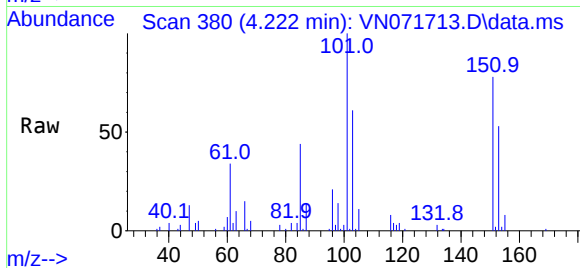




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.543 ug/l
RT: 4.222 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN071713.D
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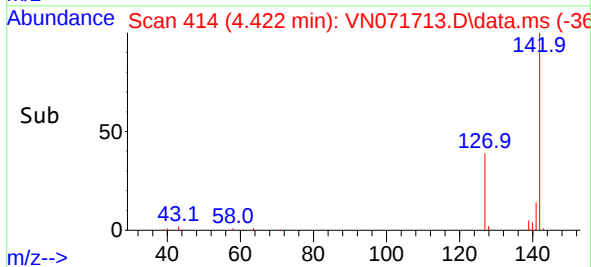
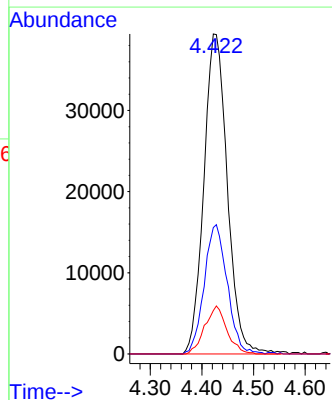
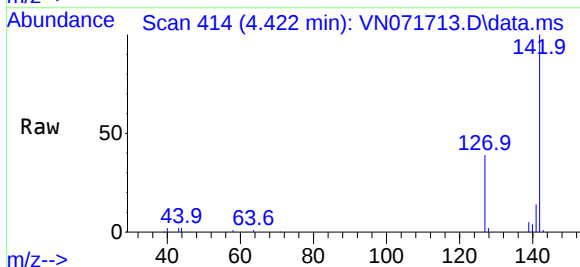
Instrument :
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Tgt Ion:101 Resp: 91376
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 82.4 63.0 94.4



#10
Methyl Iodide
Concen: 17.097 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:142 Resp: 124484
Ion Ratio Lower Upper
142 100
127 39.6 31.3 46.9
141 14.1 11.2 16.8

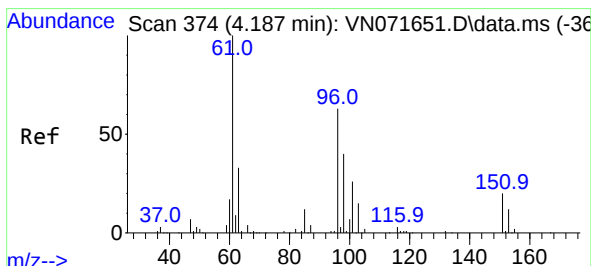
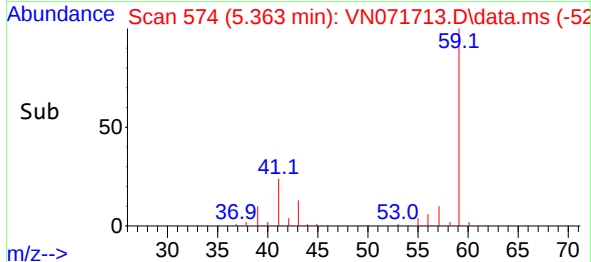
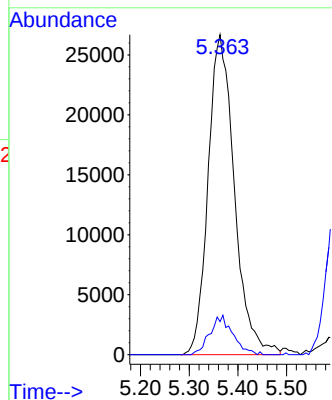
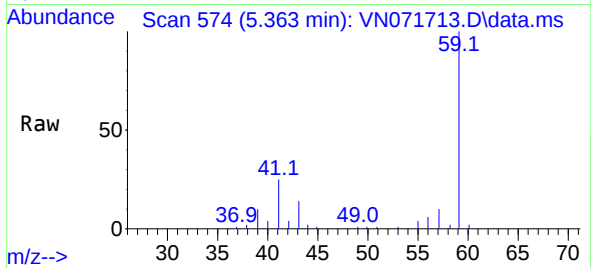




#11
Tert butyl alcohol
Concen: 89.830 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

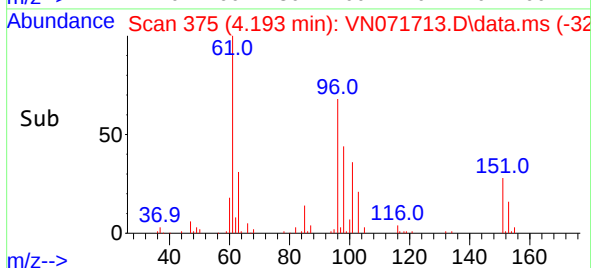
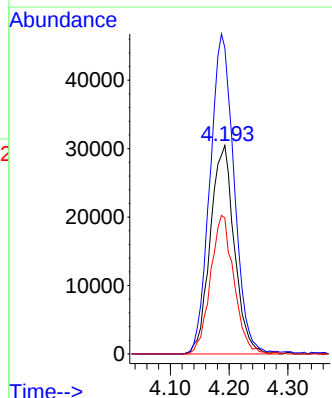
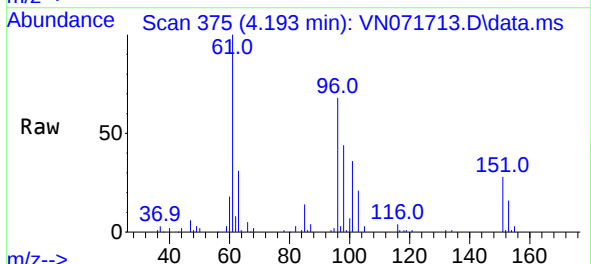
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 59 Resp: 99937
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.495 ug/l
RT: 4.193 min Scan# 375
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 96 Resp: 86714
Ion Ratio Lower Upper
96 100
61 146.9 127.6 191.4
98 65.2 51.2 76.8

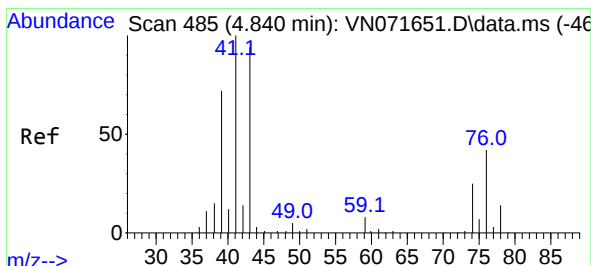
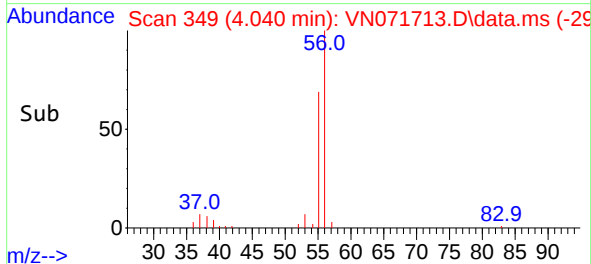
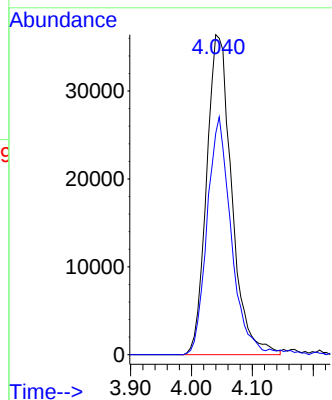
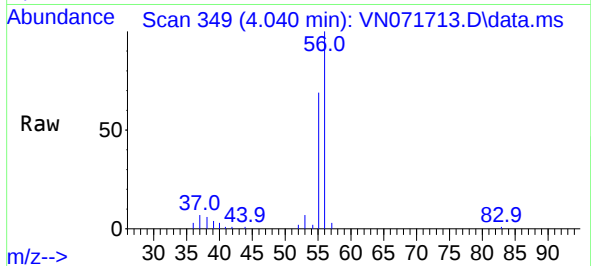




#13
Acrolein
Concen: 76.796 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

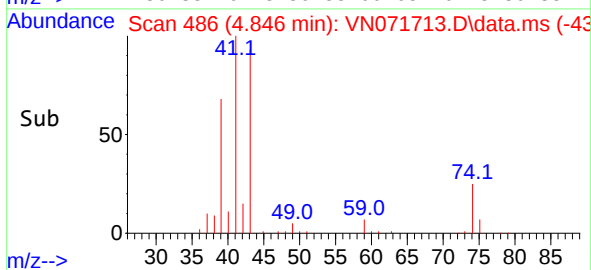
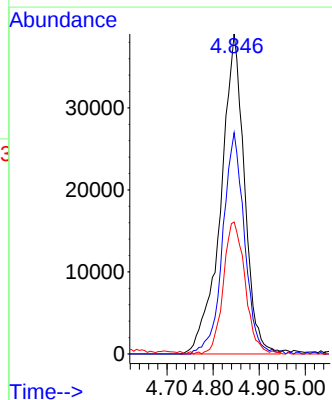
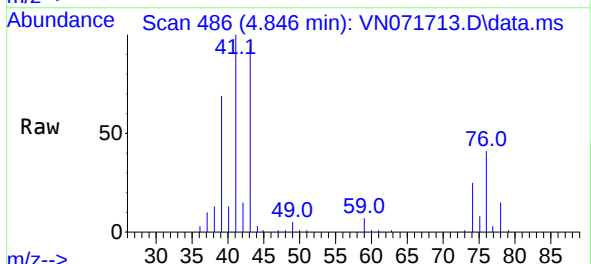
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 56 Resp: 104172
Ion Ratio Lower Upper
56 100
55 70.9 54.8 82.2



#14
Allyl chloride
Concen: 17.335 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 41 Resp: 139458
Ion Ratio Lower Upper
41 100
39 63.0 53.2 79.8
76 37.8 29.9 44.9

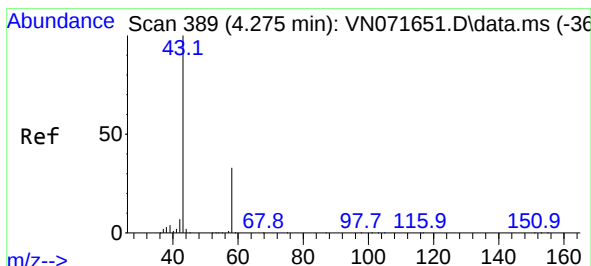
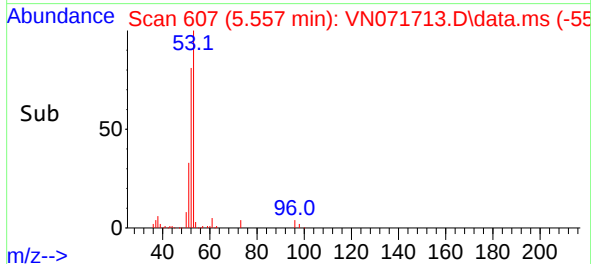
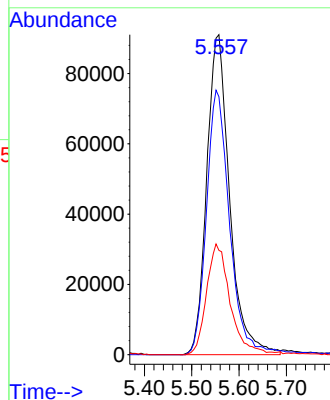
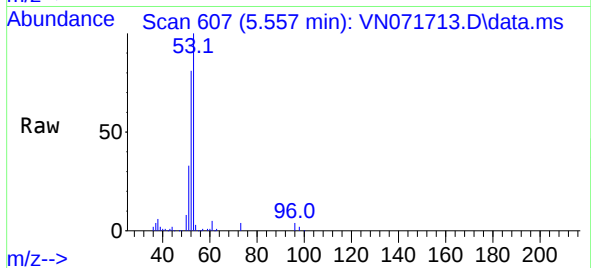




#15
Acrylonitrile
Concen: 94.595 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

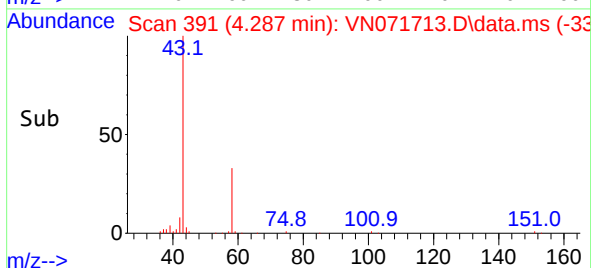
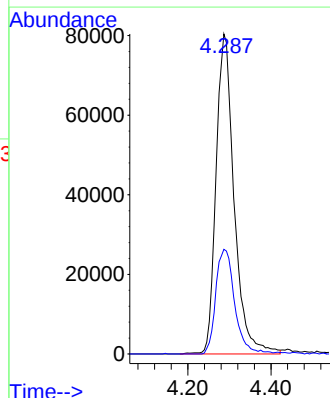
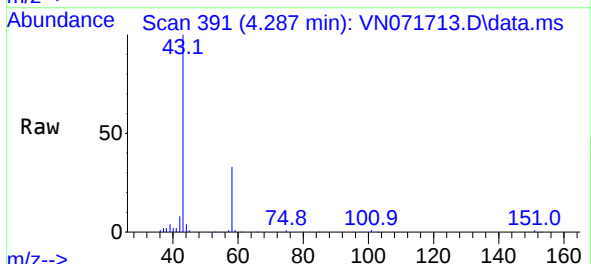
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 53 Resp: 305891
Ion Ratio Lower Upper
53 100
52 84.0 66.4 99.6
51 36.0 28.5 42.7



#16
Acetone
Concen: 82.709 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 43 Resp: 242314
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

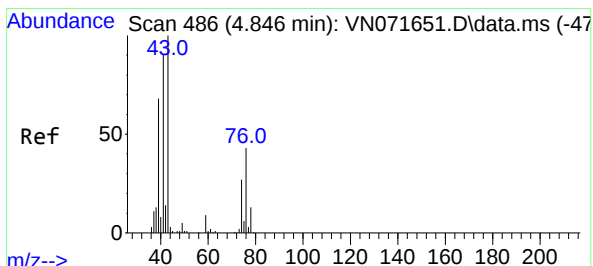
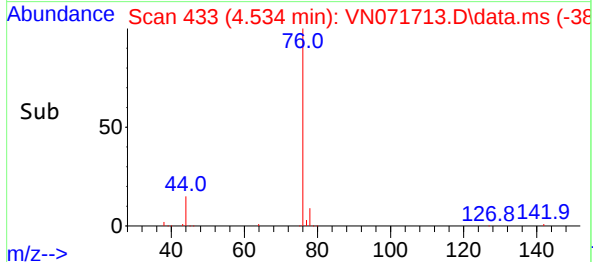
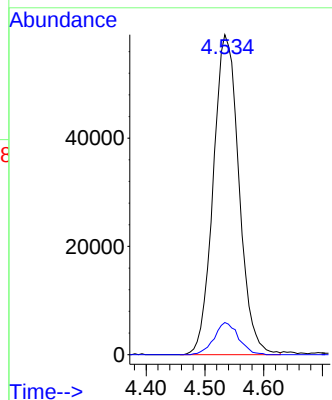
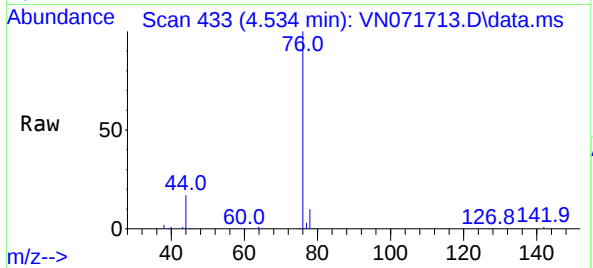




#17
Carbon Disulfide
Concen: 15.789 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

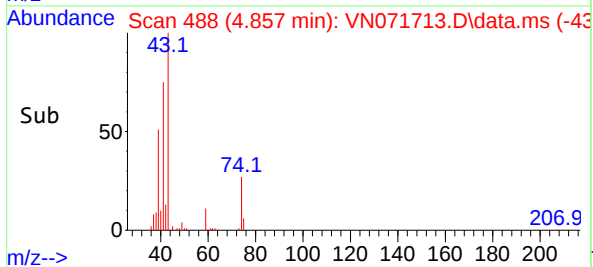
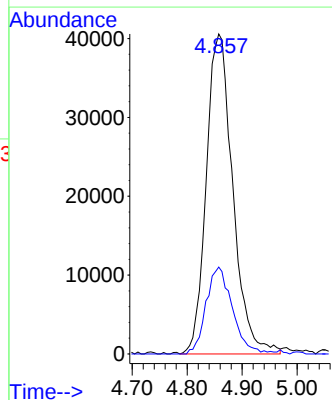
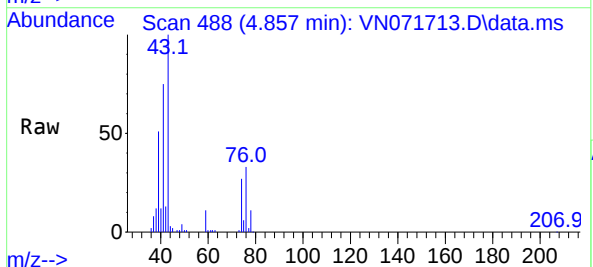
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 76 Resp: 179563
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 17.768 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 43 Resp: 135987
Ion Ratio Lower Upper
43 100
74 26.9 21.6 32.4

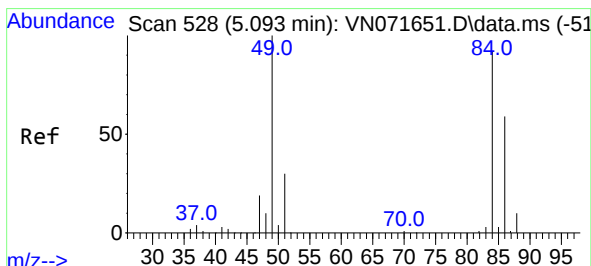
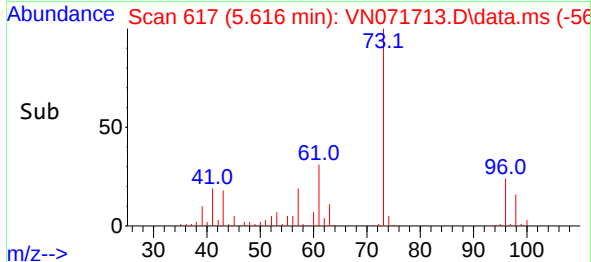
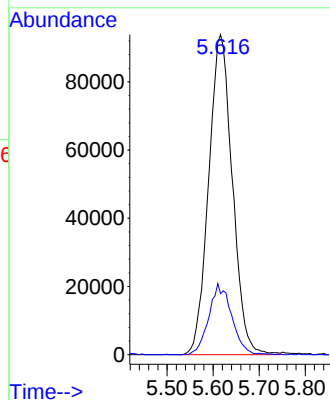
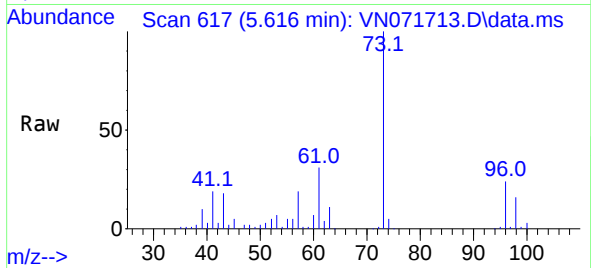




#19
Methyl tert-butyl Ether
Concen: 18.207 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

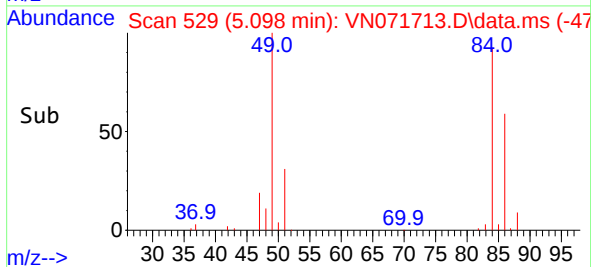
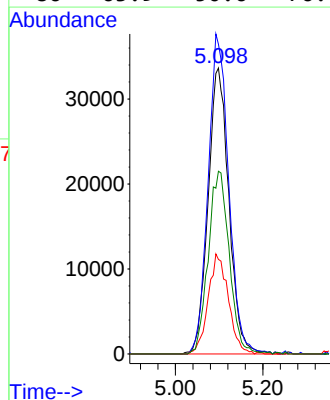
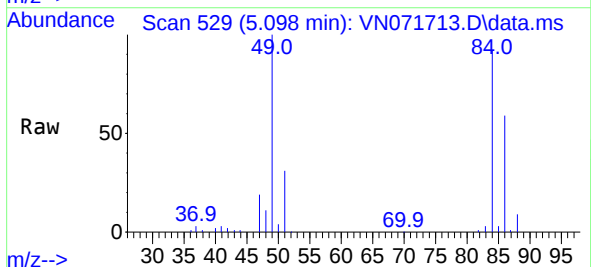
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 73 Resp: 335256
Ion Ratio Lower Upper
73 100
57 19.1 17.6 26.4



#20
Methylene Chloride
Concen: 18.031 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 84 Resp: 111342
Ion Ratio Lower Upper
84 100
49 108.3 88.3 132.5
51 33.1 28.2 42.2
86 63.9 50.6 76.0

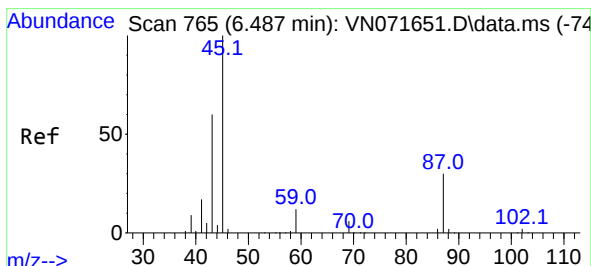
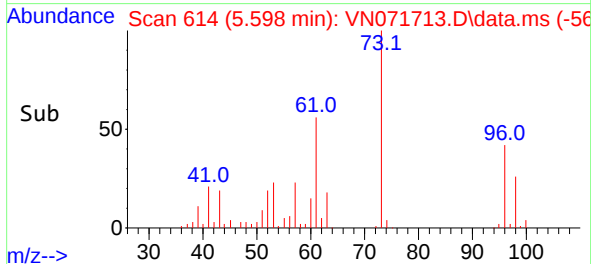
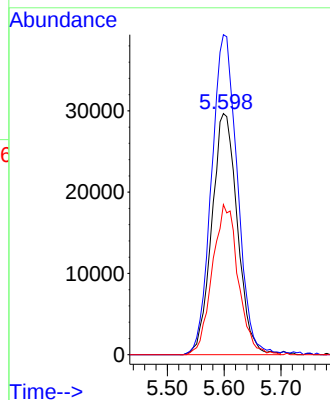
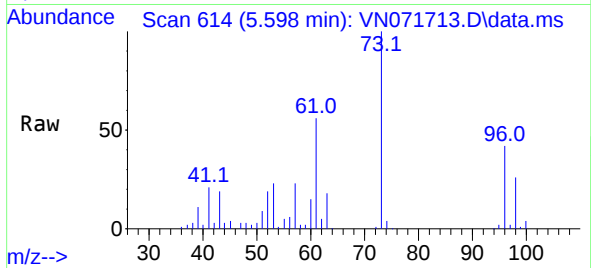




#21
trans-1,2-Dichloroethene
Concen: 17.071 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

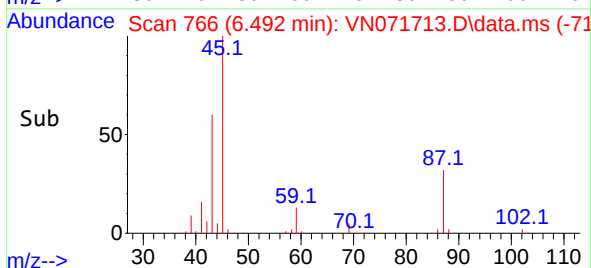
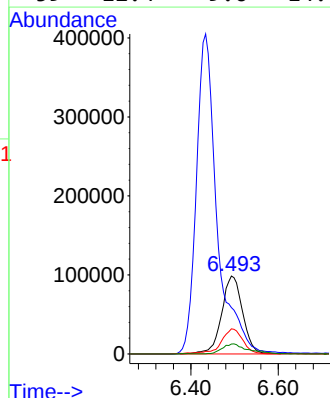
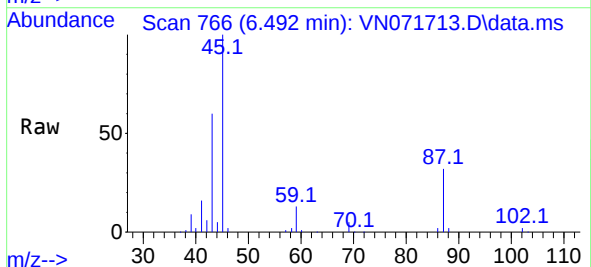
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

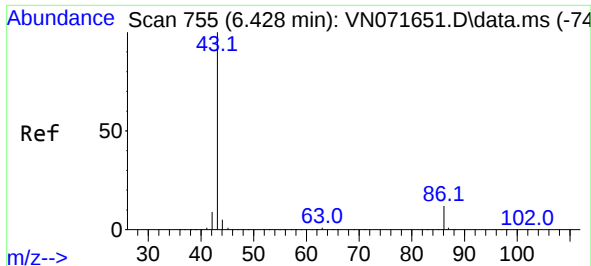
Tgt Ion: 96 Resp: 92887
Ion Ratio Lower Upper
96 100
61 132.7 105.8 158.8
98 62.2 50.3 75.5



#22
Diisopropyl ether
Concen: 18.709 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 45 Resp: 327669
Ion Ratio Lower Upper
45 100
43 57.7 46.6 70.0
87 32.2 24.3 36.5
59 12.4 9.6 14.4

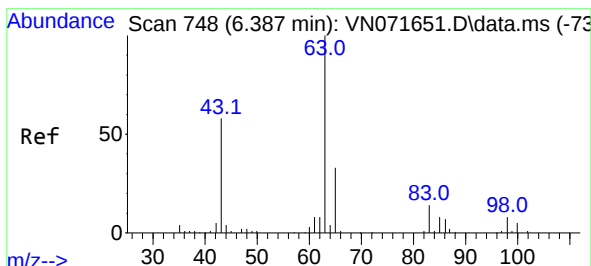
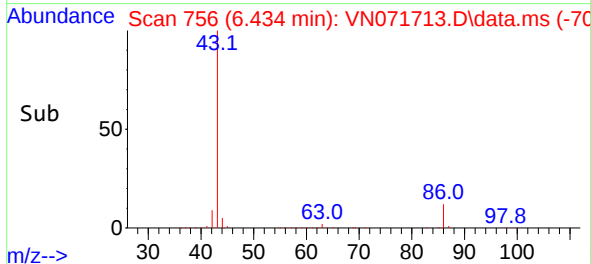
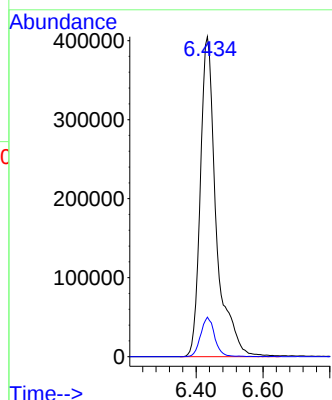
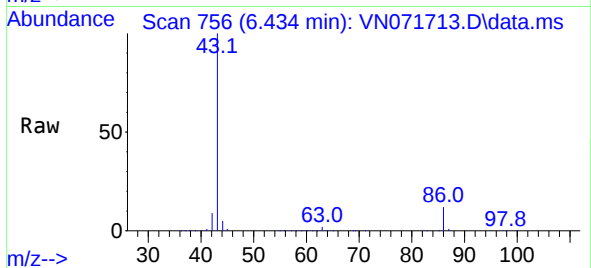




#23
 Vinyl Acetate
 Concen: 96.158 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071713.D
 Acq: 31 Mar 2022 18:50

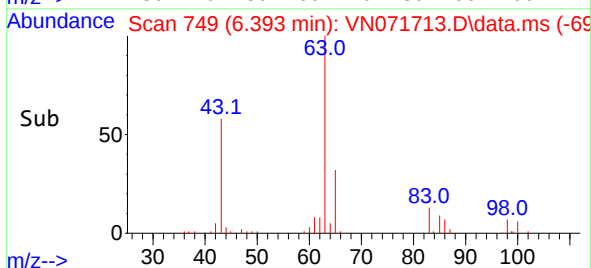
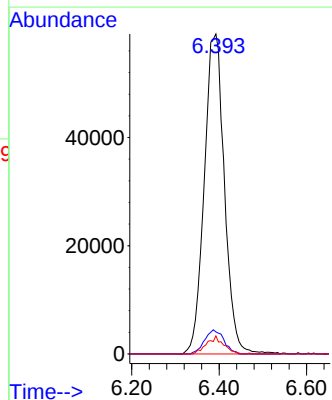
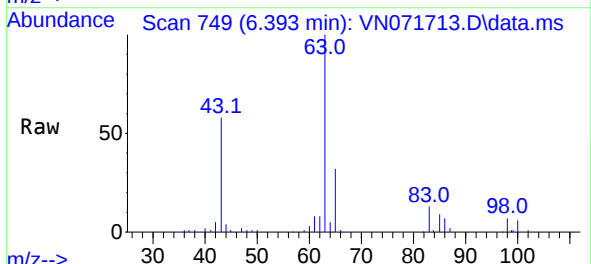
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS03

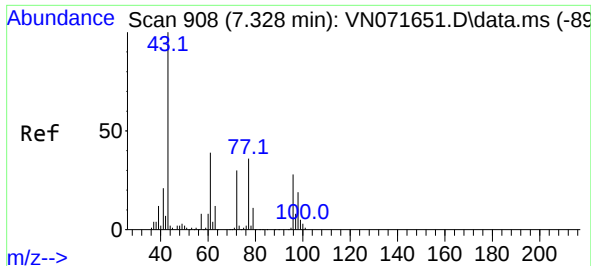
Tgt Ion: 43 Resp: 1339203
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 18.454 ug/l
 RT: 6.393 min Scan# 749
 Delta R.T. 0.006 min
 Lab File: VN071713.D
 Acq: 31 Mar 2022 18:50

Tgt Ion: 63 Resp: 189732
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.6 2.3 6.8

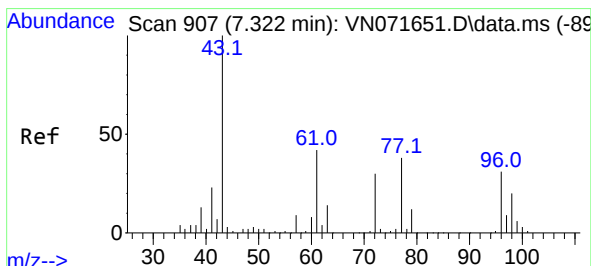
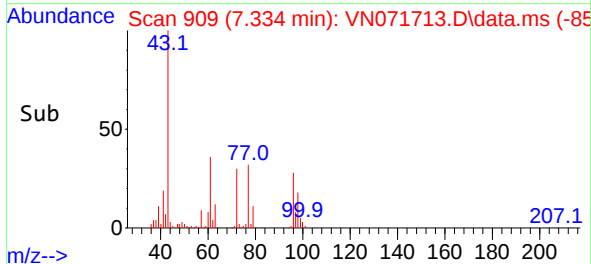
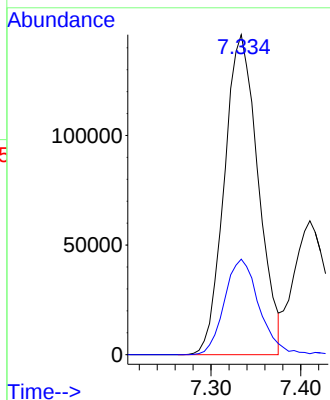
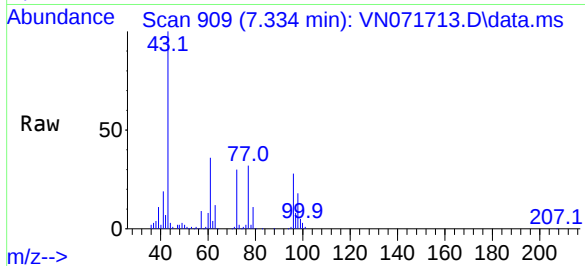




#25
2-Butanone
Concen: 90.544 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

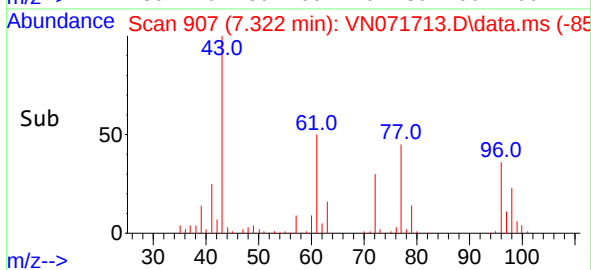
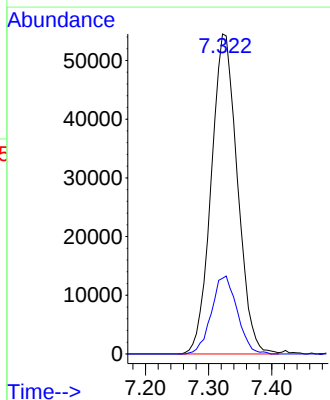
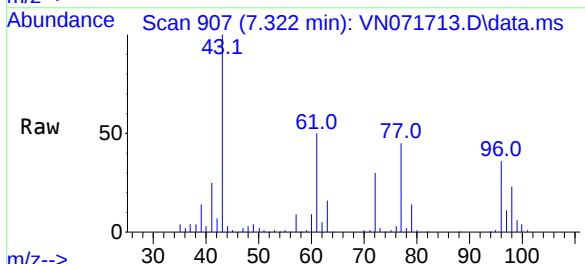
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

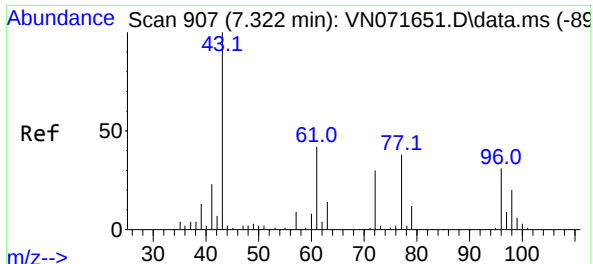
Tgt Ion: 43 Resp: 382420
Ion Ratio Lower Upper
43 100
72 29.9 23.7 35.5



#26
2,2-Dichloropropane
Concen: 17.776 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 77 Resp: 156999
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.2

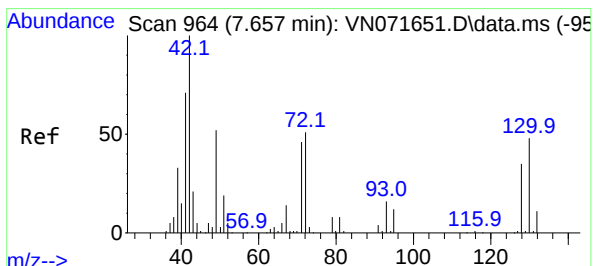
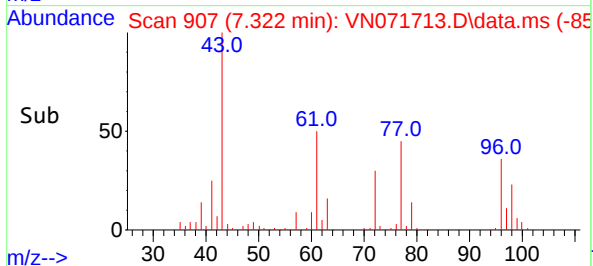
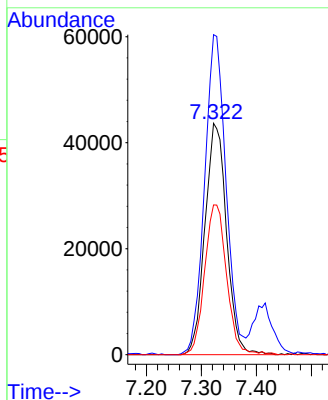
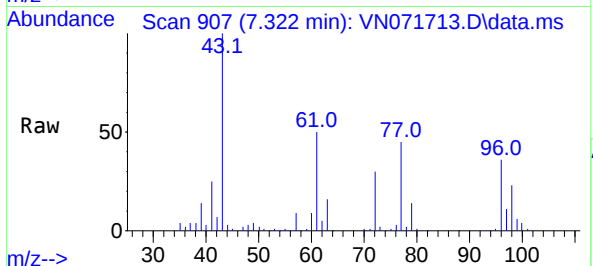




#27
cis-1,2-Dichloroethene
Concen: 17.849 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

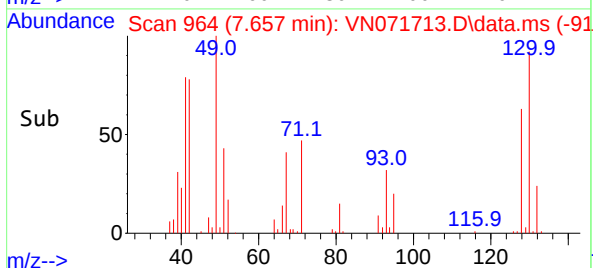
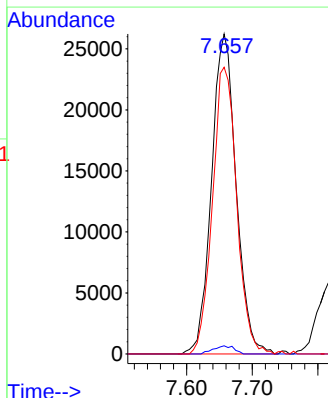
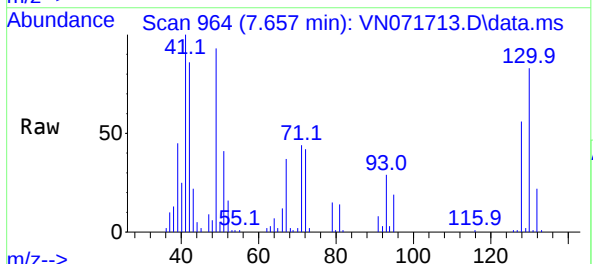
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

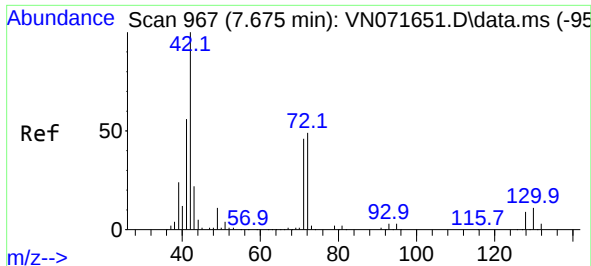
Tgt Ion: 96 Resp: 119091
Ion Ratio Lower Upper
96 100
61 137.4 0.0 280.6
98 65.6 0.0 128.4



#28
Bromochloromethane
Concen: 16.436 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 49 Resp: 68166
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 88.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 95.159 ug/l

RT: 7.687 min Scan# 90

Delta R.T. 0.012 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS03

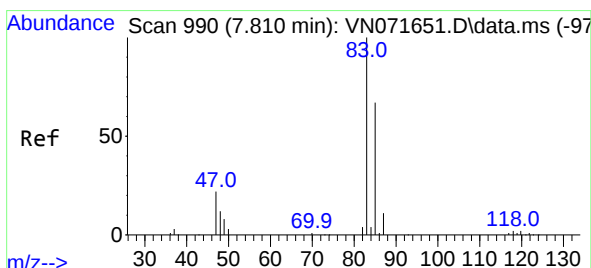
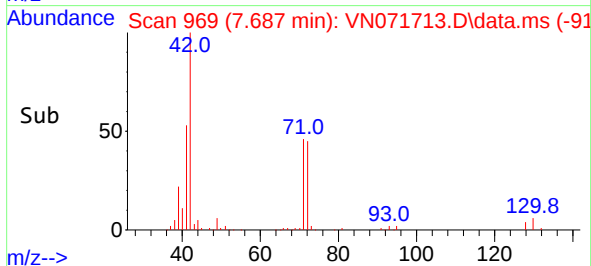
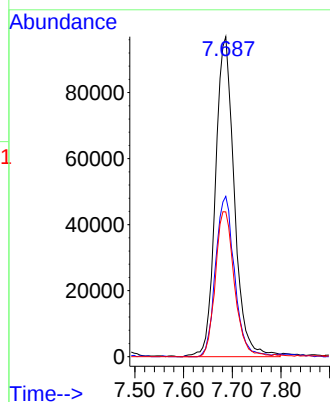
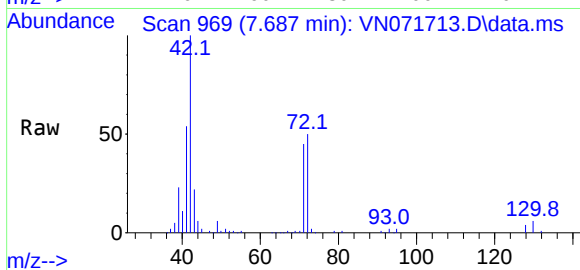
Tgt Ion: 42 Resp: 260241

Ion Ratio Lower Upper

42 100

72 50.5 39.7 59.5

71 45.9 36.6 55.0



#30

Chloroform

Concen: 18.032 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071713.D

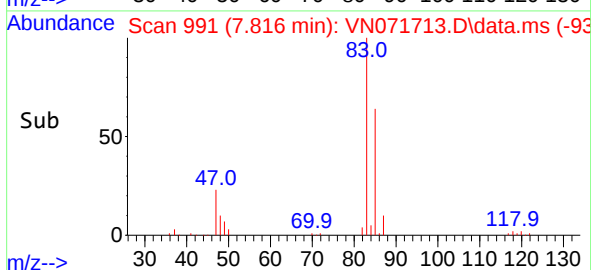
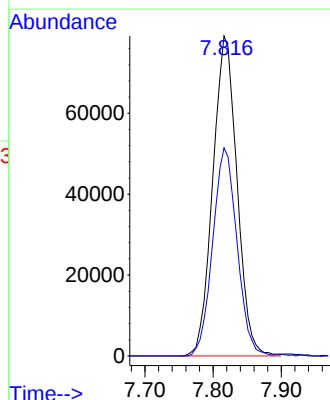
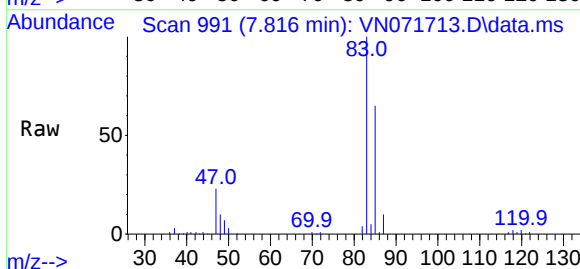
Acq: 31 Mar 2022 18:50

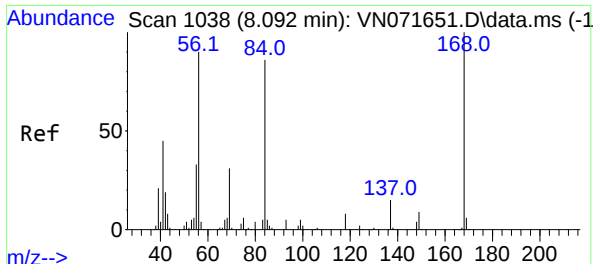
Tgt Ion: 83 Resp: 195754

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8





#31

Cyclohexane

Concen: 17.110 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS03

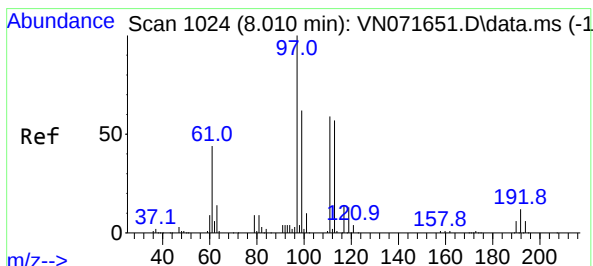
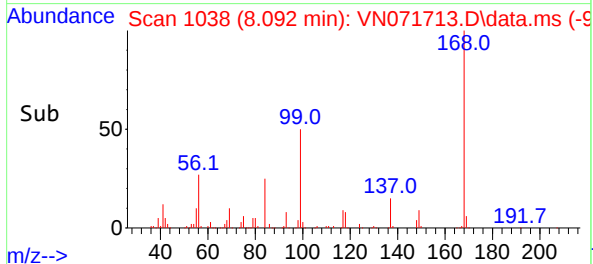
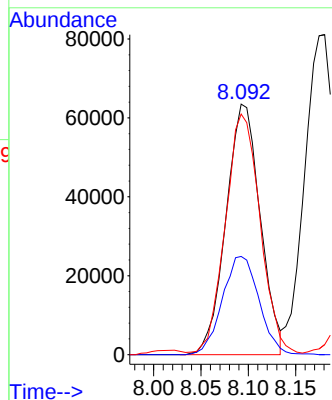
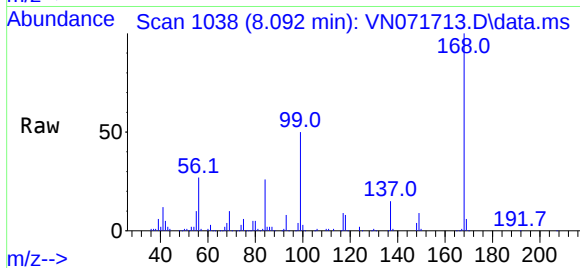
Tgt Ion: 56 Resp: 159515

Ion Ratio Lower Upper

56 100

69 39.2 27.8 41.8

84 94.5 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 17.899 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

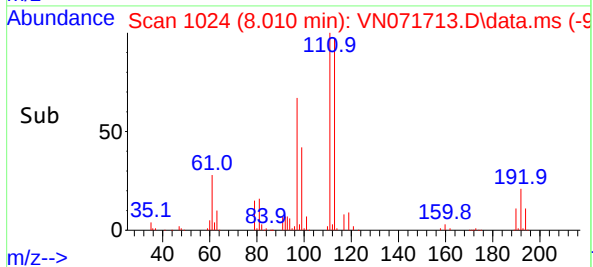
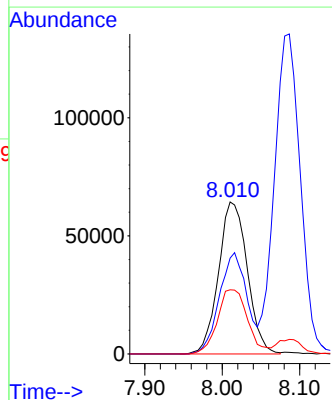
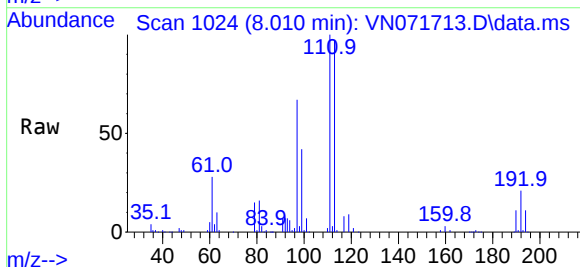
Tgt Ion: 97 Resp: 166238

Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 44.5 36.0 54.0

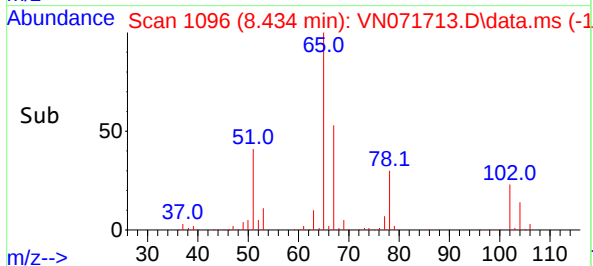
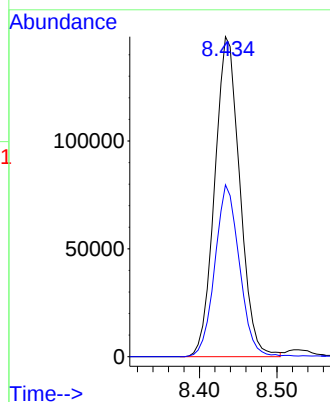
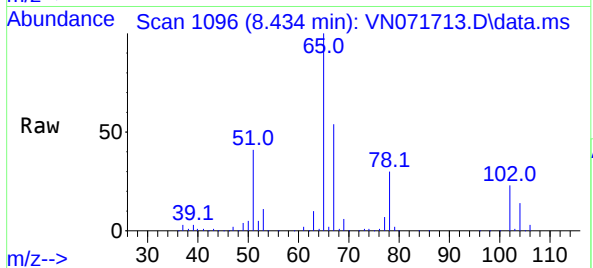




#33
1,2-Dichloroethane-d4
Concen: 48.722 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

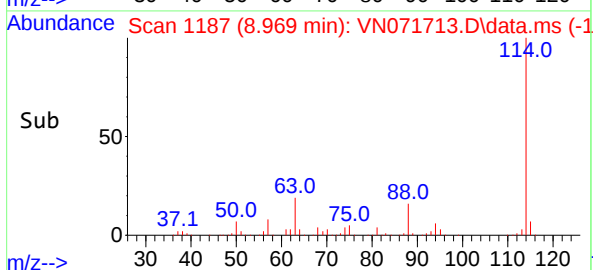
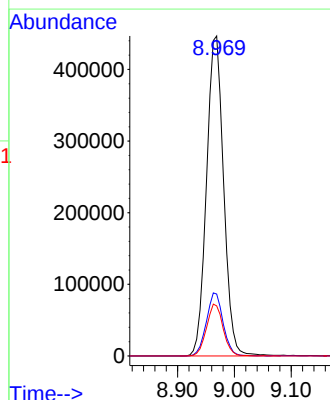
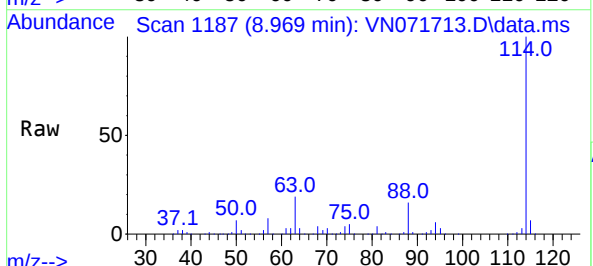
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

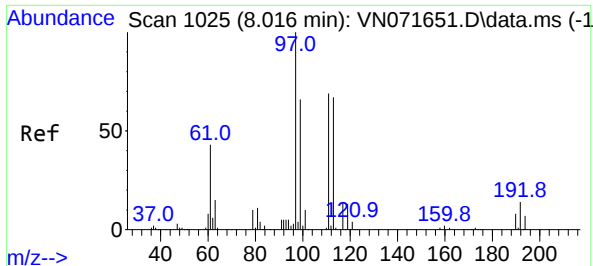
Tgt Ion: 65 Resp: 334008
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 114 Resp: 932394
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.121 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS03

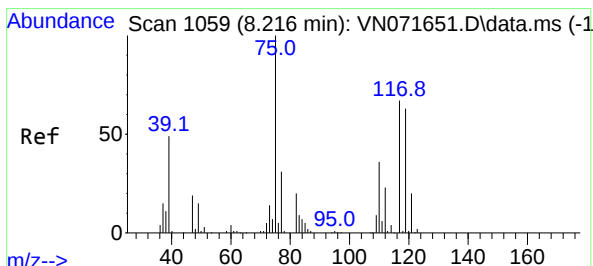
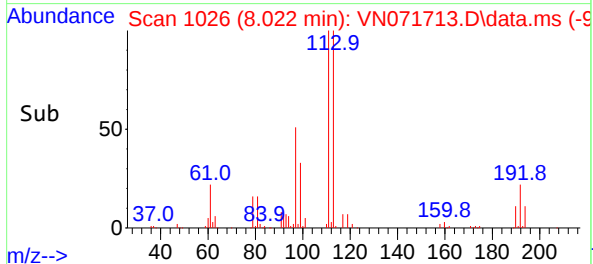
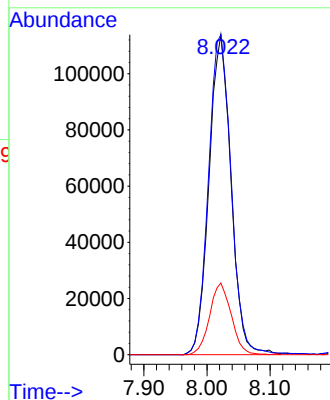
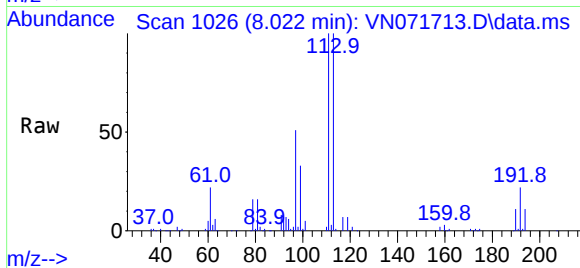
Tgt Ion:113 Resp: 274996

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 22.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 17.738 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

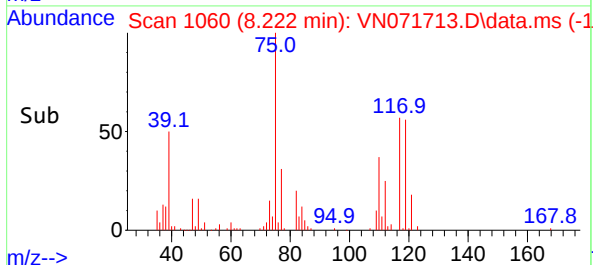
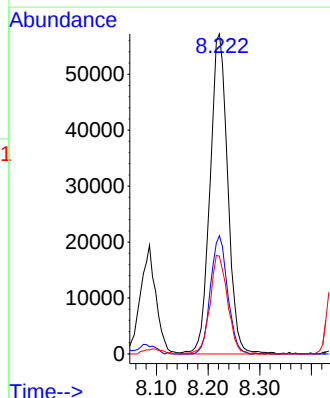
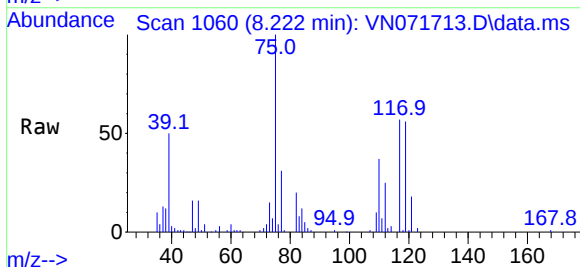
Tgt Ion: 75 Resp: 135906

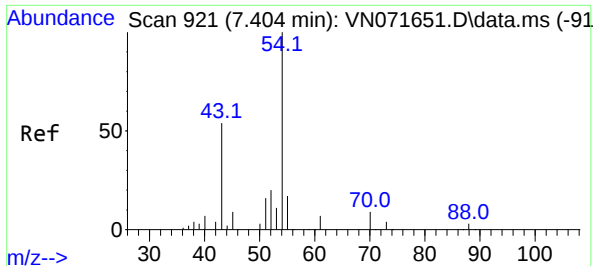
Ion Ratio Lower Upper

75 100

110 35.6 18.3 54.8

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 19.345 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS03

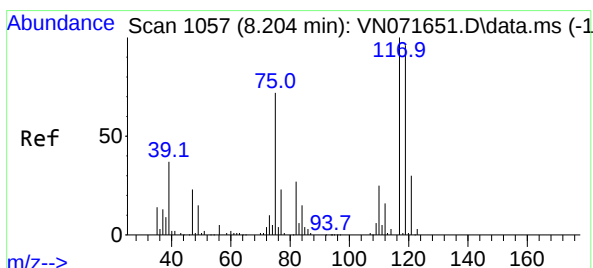
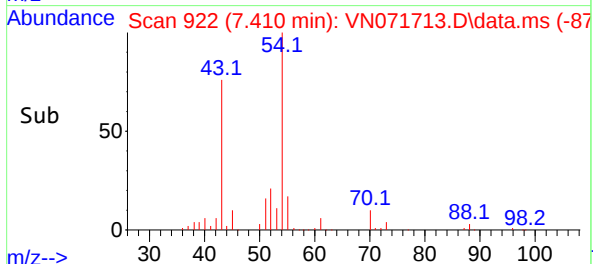
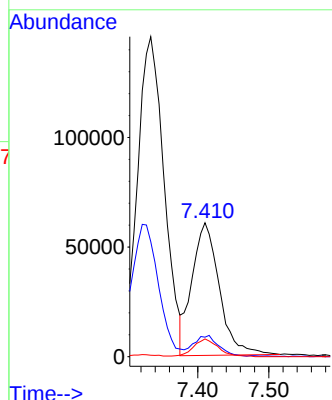
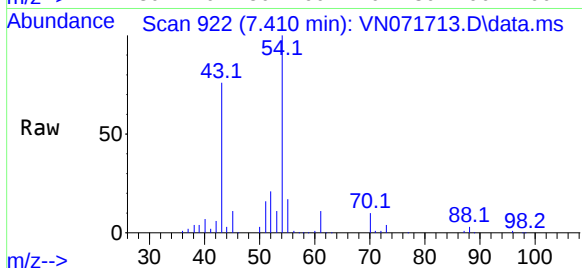
Tgt Ion: 43 Resp: 162228

Ion Ratio Lower Upper

43 100

61 14.1 11.8 17.6

70 12.2 9.3 13.9



#38

Carbon Tetrachloride

Concen: 18.160 ug/l

RT: 8.210 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

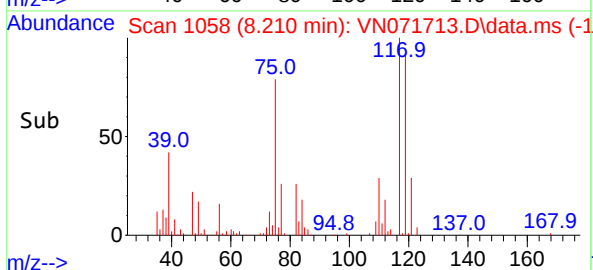
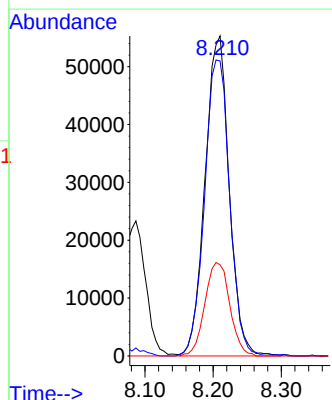
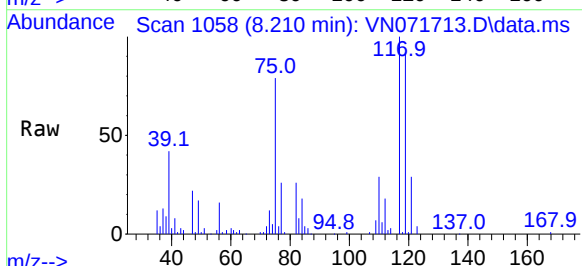
Tgt Ion: 117 Resp: 136363

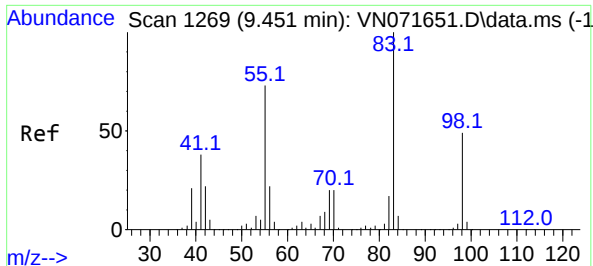
Ion Ratio Lower Upper

117 100

119 91.8 75.8 113.8

121 28.5 24.6 37.0

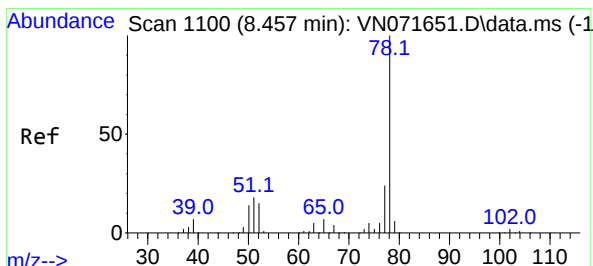
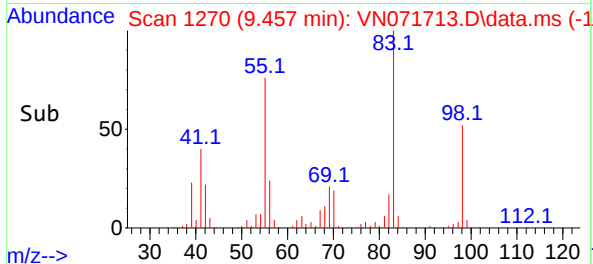
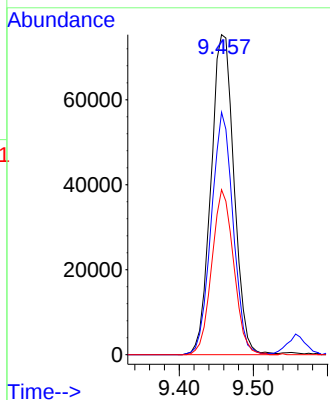
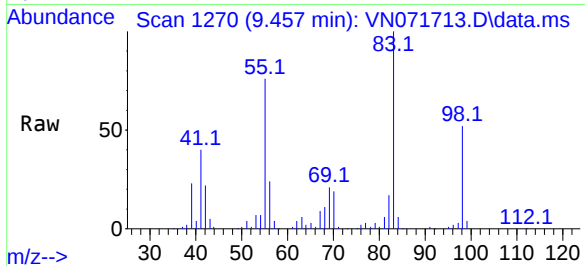




#39
Methylcyclohexane
Concen: 17.824 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

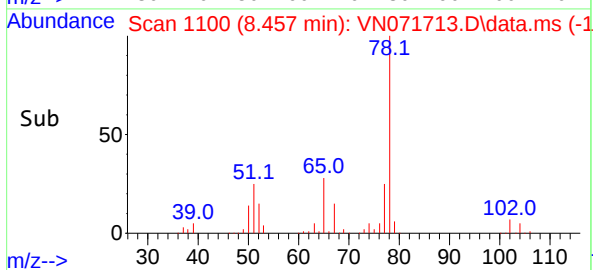
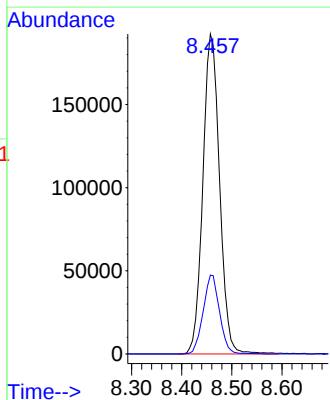
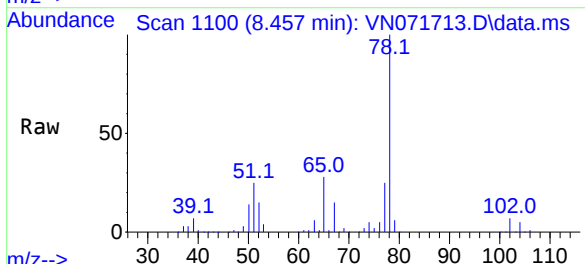
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 83 Resp: 162565
Ion Ratio Lower Upper
83 100
55 75.8 57.8 86.8
98 51.5 39.4 59.2



#40
Benzene
Concen: 18.422 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 78 Resp: 445874
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

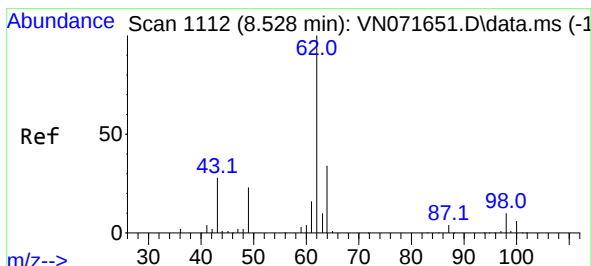
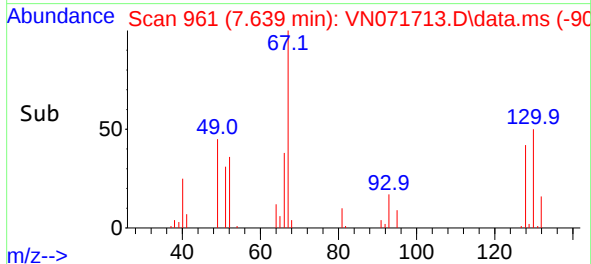
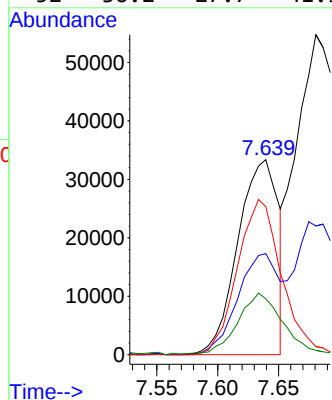
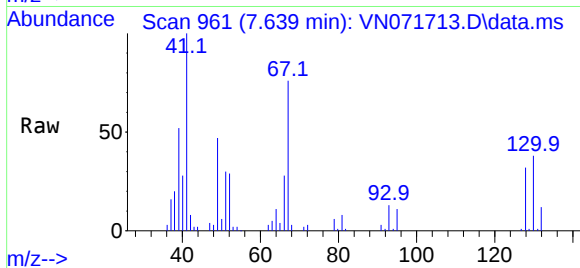




#41
Methacrylonitrile
Concen: 18.757 ug/l
RT: 7.639 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

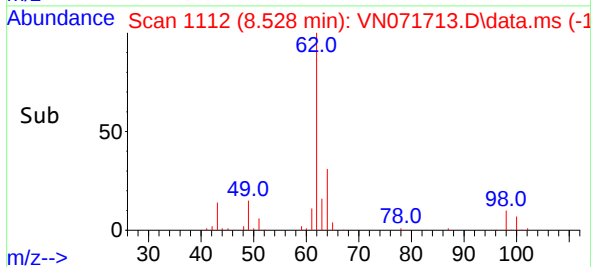
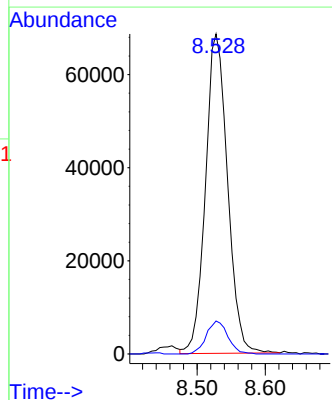
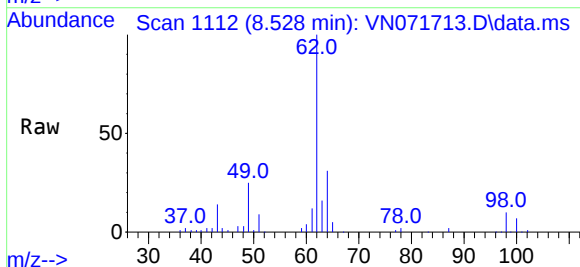
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 41 Resp: 77021
Ion Ratio Lower Upper
41 100
39 51.9 48.6 73.0
67 87.1 73.4 110.2
52 36.2 27.7 41.5



#42
1,2-Dichloroethane
Concen: 18.458 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 62 Resp: 154543
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4

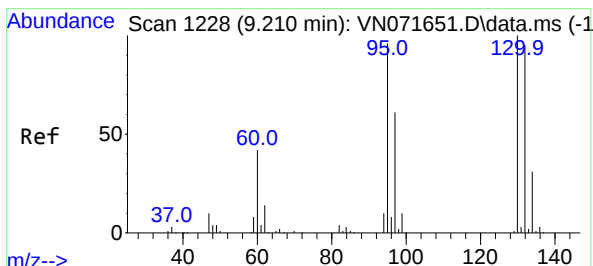
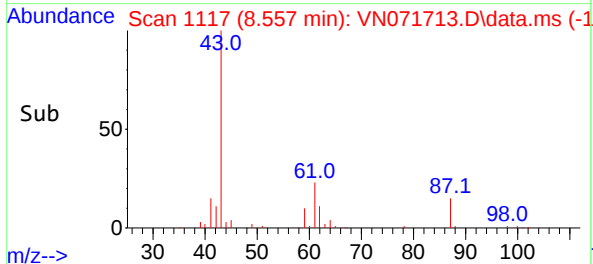
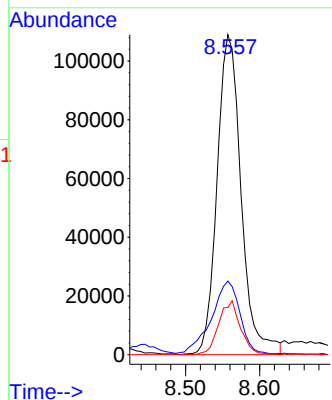
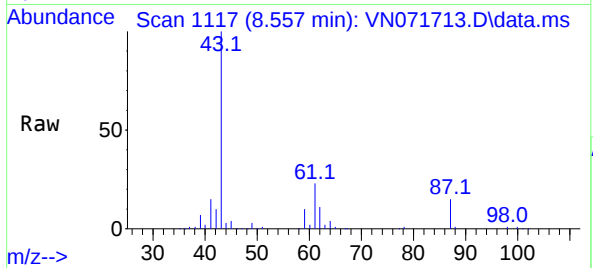




#43
Isopropyl Acetate
Concen: 17.650 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

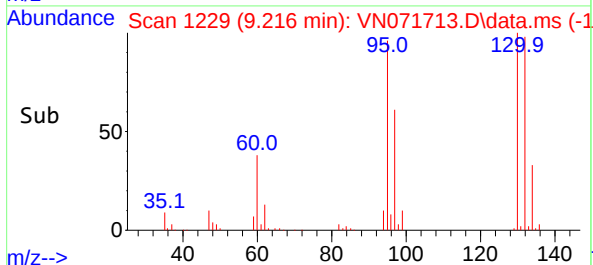
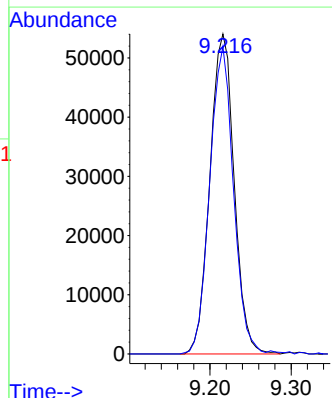
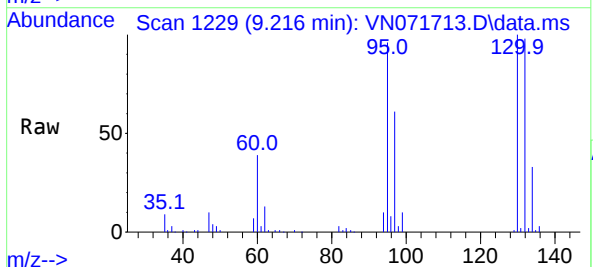
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

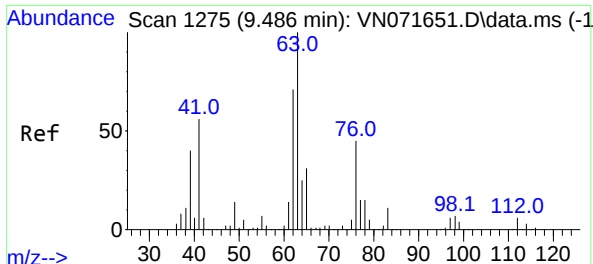
Tgt Ion: 43 Resp: 246188
Ion Ratio Lower Upper
43 100
61 26.8 21.9 32.9
87 15.2 12.0 18.0



#44
Trichloroethene
Concen: 18.016 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:130 Resp: 112339
Ion Ratio Lower Upper
130 100
95 96.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.625 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

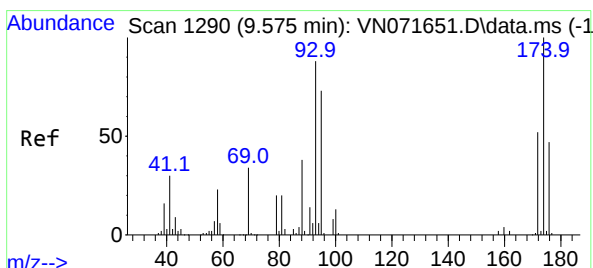
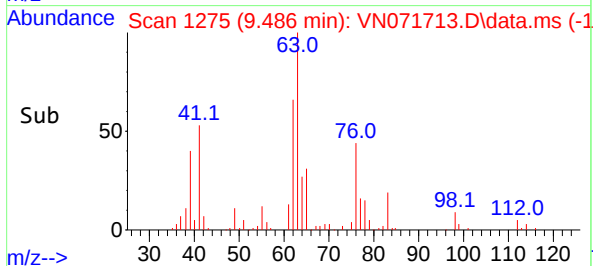
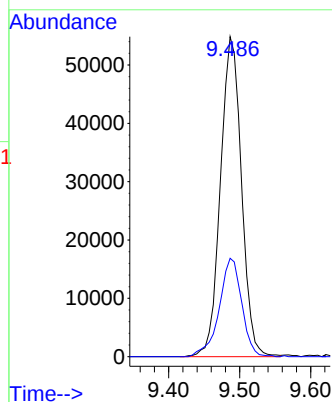
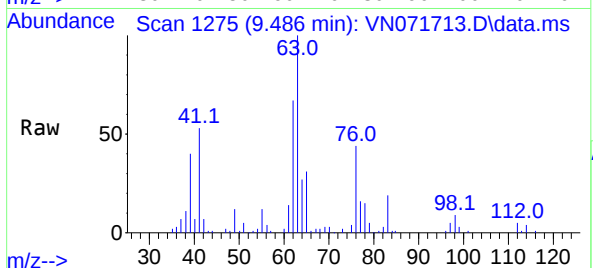
VN0331WBS03

Tgt Ion: 63 Resp: 112616

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 18.589 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

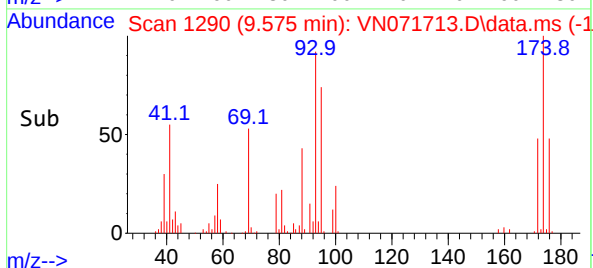
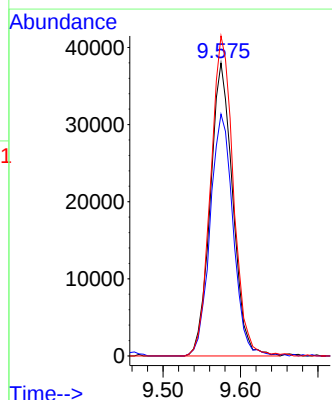
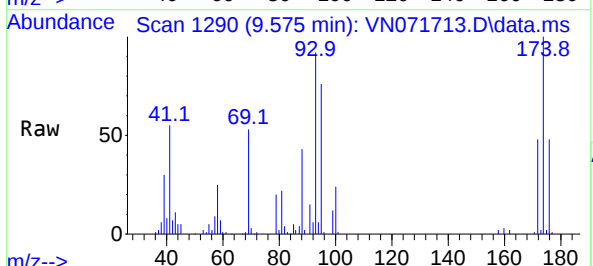
Tgt Ion: 93 Resp: 76314

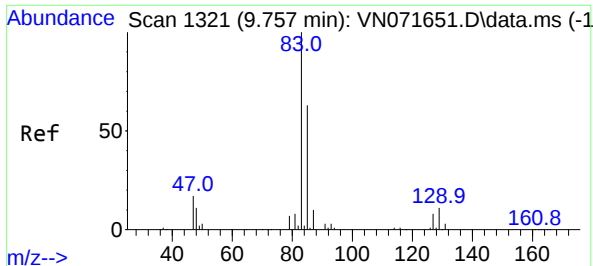
Ion Ratio Lower Upper

93 100

95 84.6 66.9 100.3

174 110.9 86.6 130.0

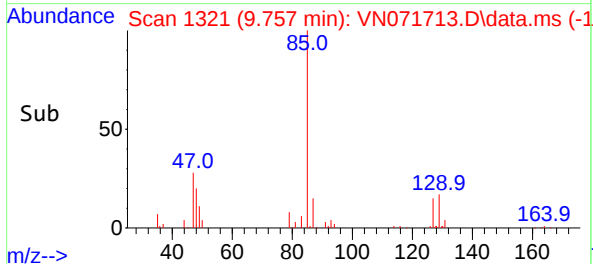
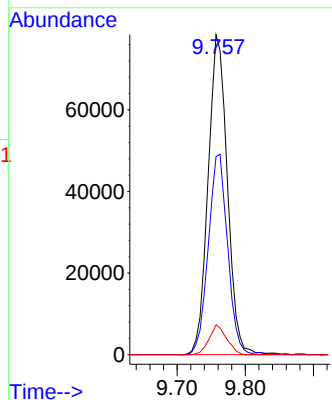
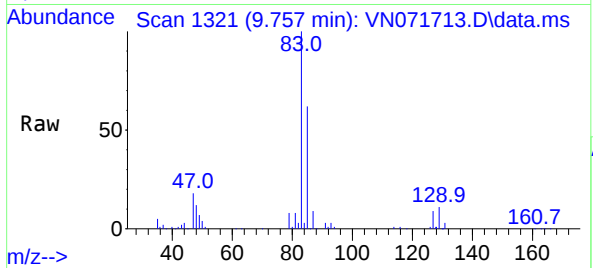




#47
Bromodichloromethane
Concen: 19.079 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

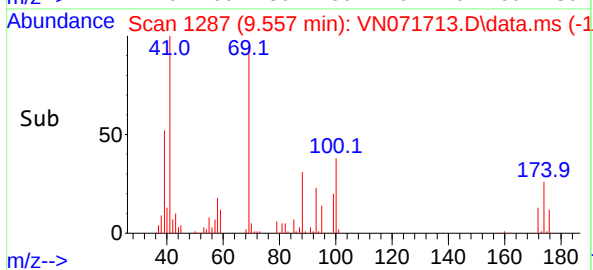
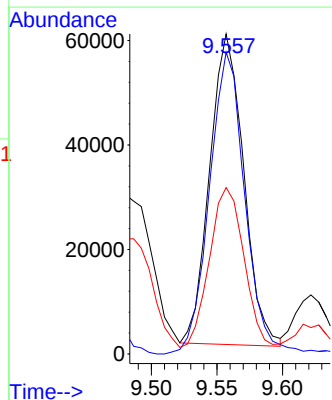
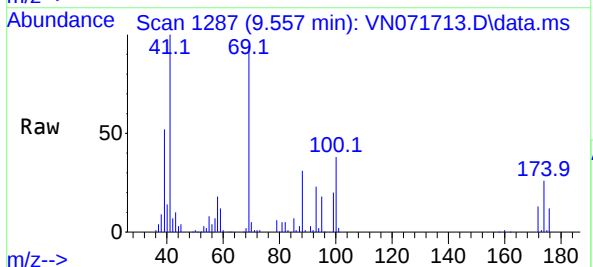
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

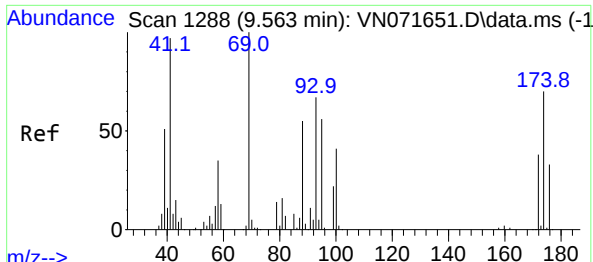
Tgt Ion: 83 Resp: 154178
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 18.488 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 41 Resp: 106990
Ion Ratio Lower Upper
41 100
69 102.7 74.7 112.1
39 56.3 45.6 68.4

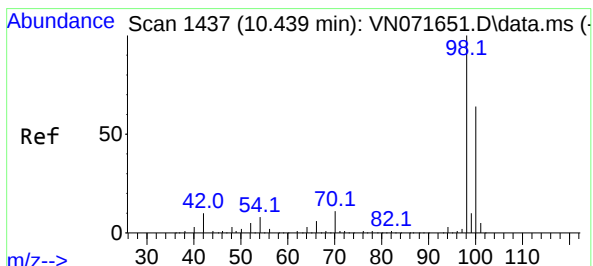
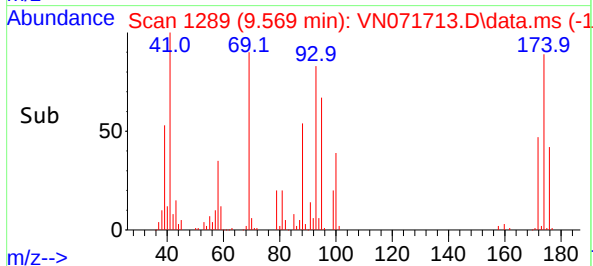
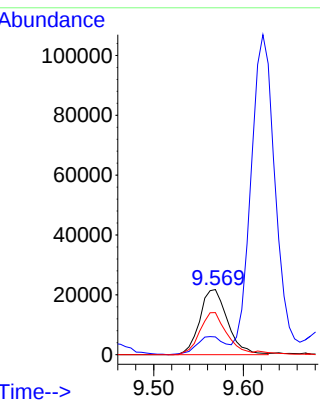
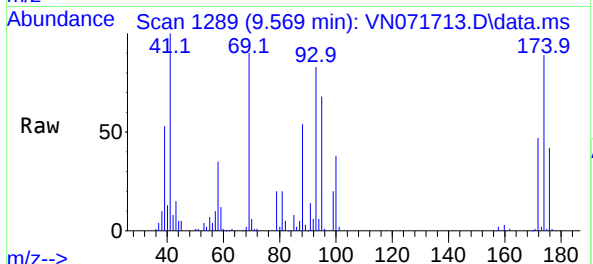




#49
1,4-Dioxane
Concen: 332.461 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

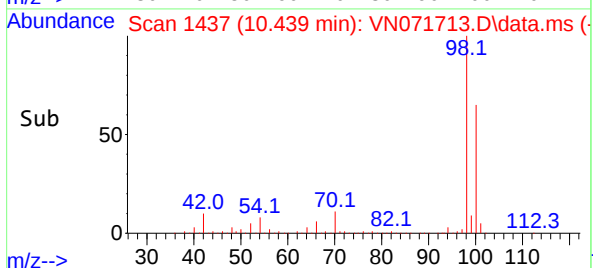
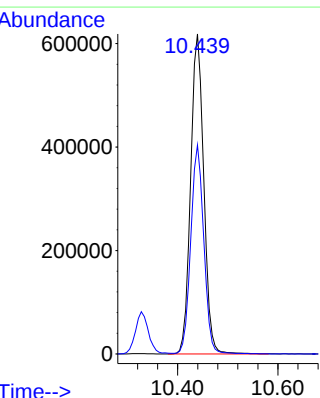
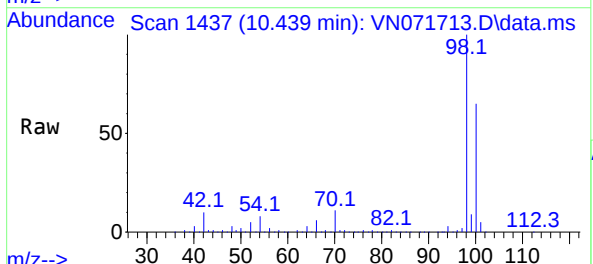
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 88 Resp: 46910
Ion Ratio Lower Upper
88 100
43 28.8 20.2 30.4
58 62.6 54.2 81.4



#50
Toluene-d8
Concen: 50.070 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 98 Resp: 1123801
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

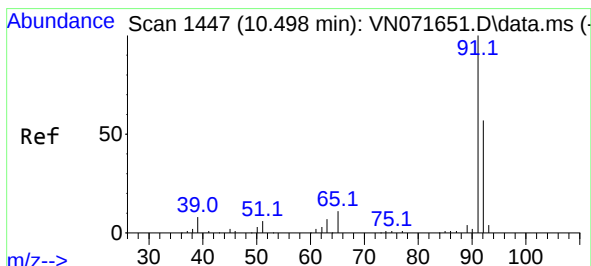
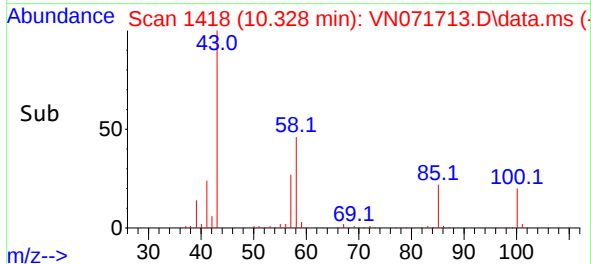
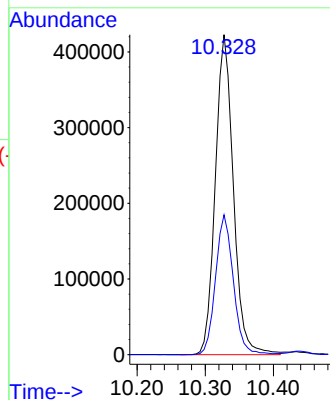
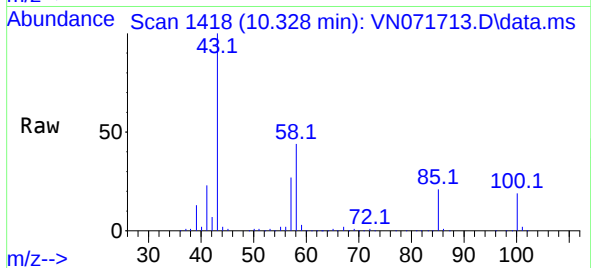




#51
4-Methyl-2-Pentanone
Concen: 97.307 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

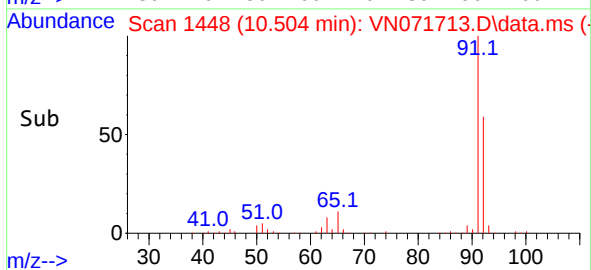
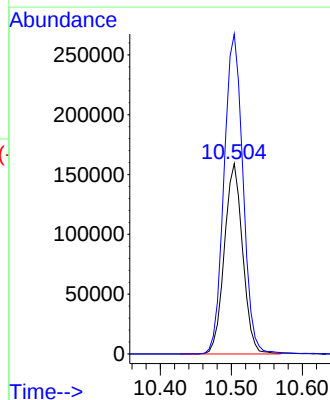
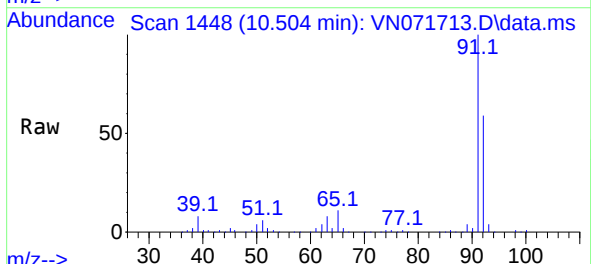
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 43 Resp: 780375
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1



#52
Toluene
Concen: 18.588 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 92 Resp: 284395
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

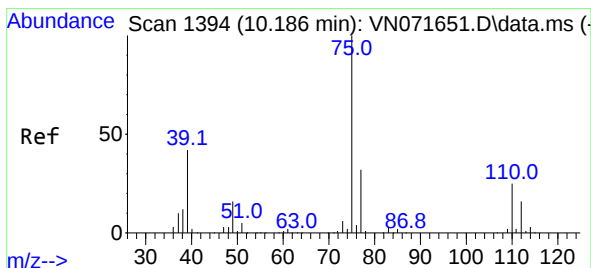
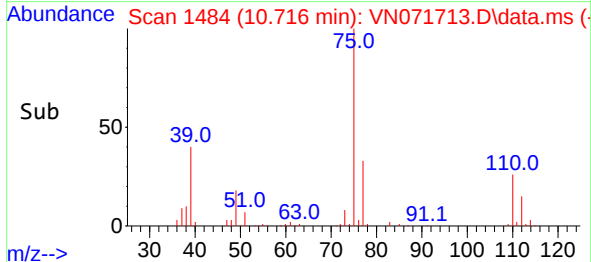
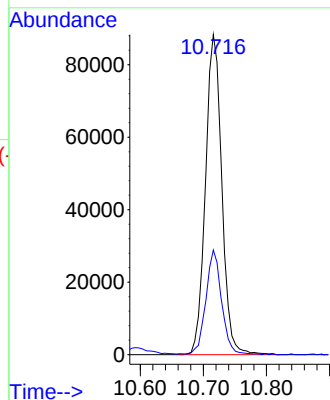
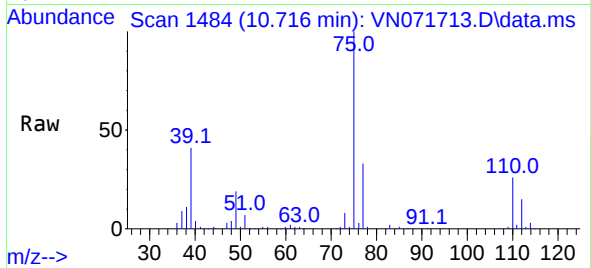




#53
t-1,3-Dichloropropene
Concen: 18.735 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

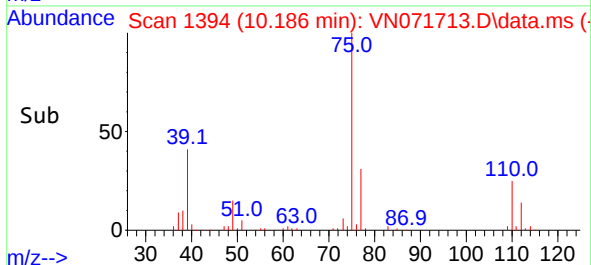
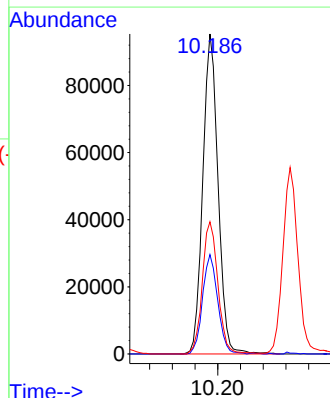
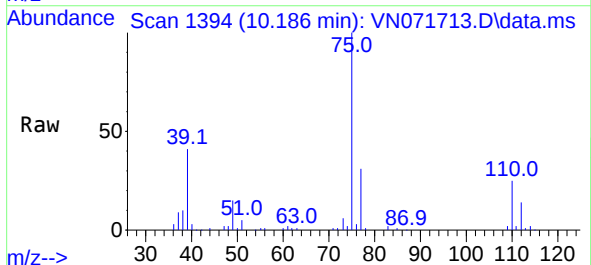
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

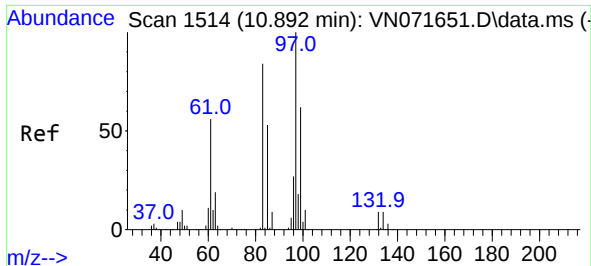
Tgt Ion: 75 Resp: 158680
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 18.928 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 75 Resp: 177127
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 41.3 35.7 53.5

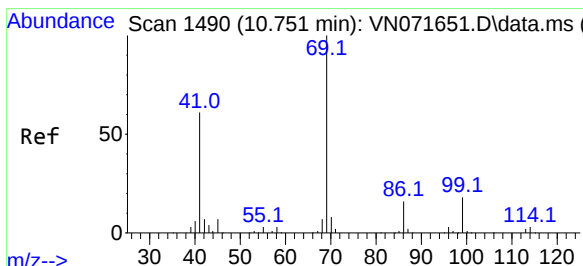
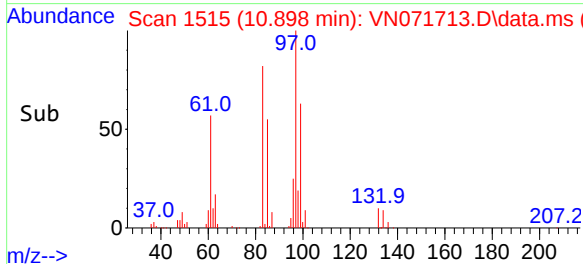
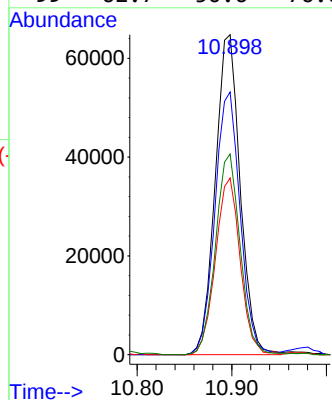
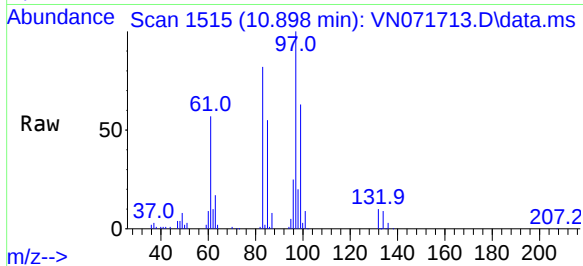




#55
1,1,2-Trichloroethane
Concen: 18.821 ug/l
RT: 10.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

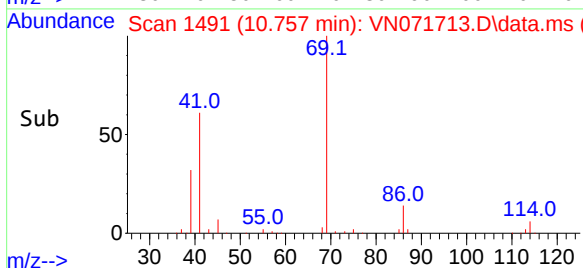
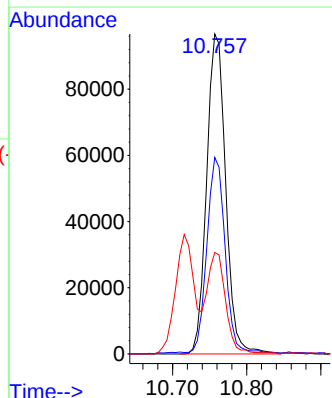
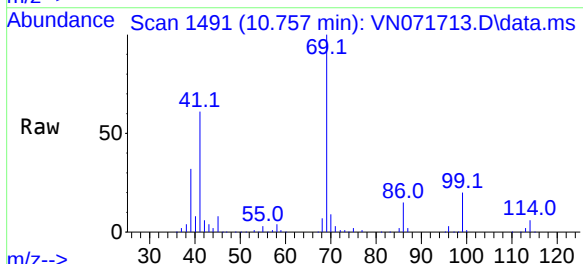
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

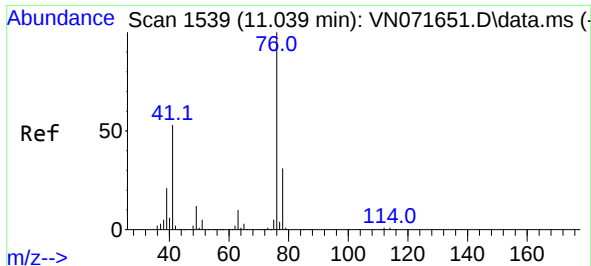
Tgt Ion: 97	Resp: 118510
Ion Ratio	Lower Upper
97 100	
83 82.1	66.2 99.4
85 55.2	43.9 65.9
99 62.7	50.6 76.0



#56
Ethyl methacrylate
Concen: 19.206 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 69	Resp: 172520
Ion Ratio	Lower Upper
69 100	
41 60.3	47.8 71.6
39 30.5	27.3 40.9





#57

1,3-Dichloropropane

Concen: 18.832 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

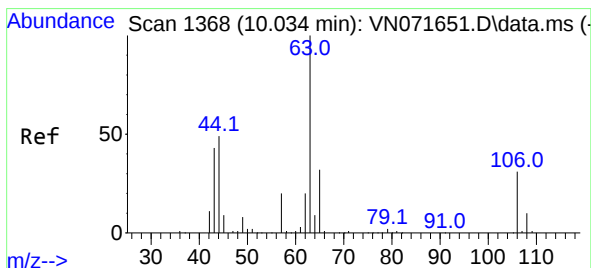
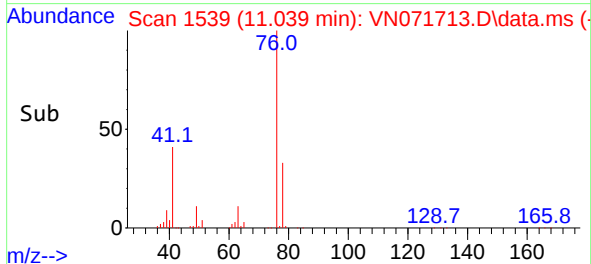
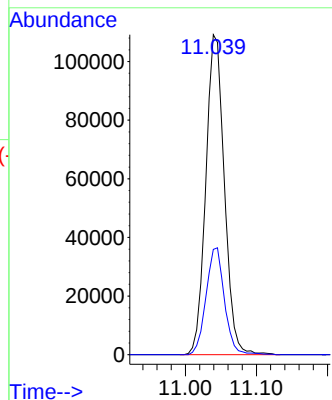
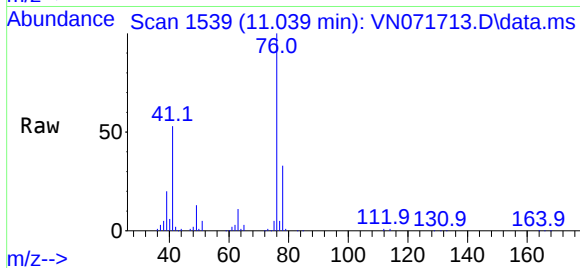
VN0331WBS03

Tgt Ion: 76 Resp: 198265

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 72.140 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071713.D

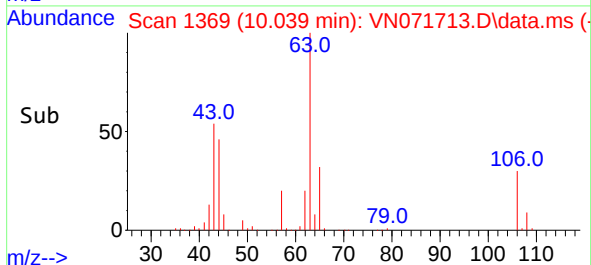
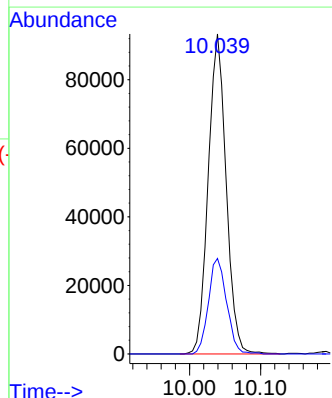
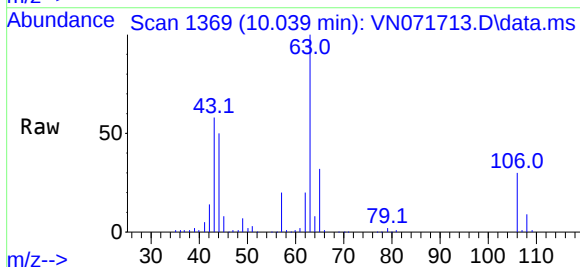
Acq: 31 Mar 2022 18:50

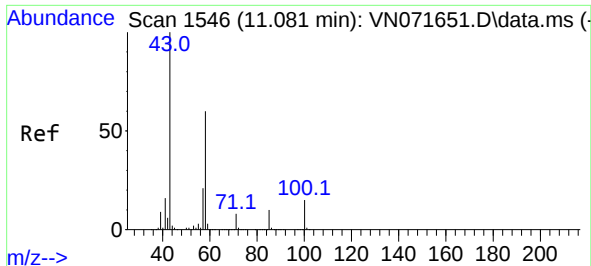
Tgt Ion: 63 Resp: 163687

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8

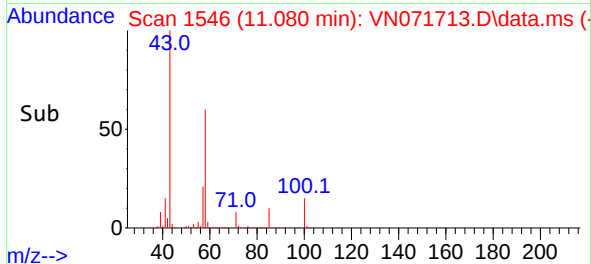
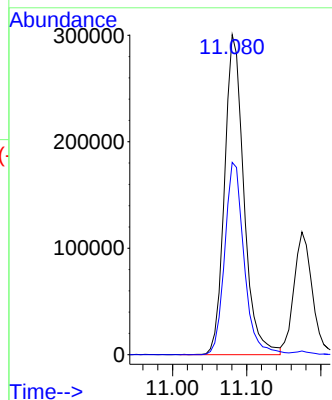
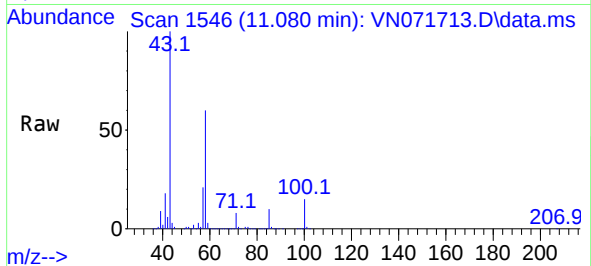




#59
2-Hexanone
Concen: 96.543 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

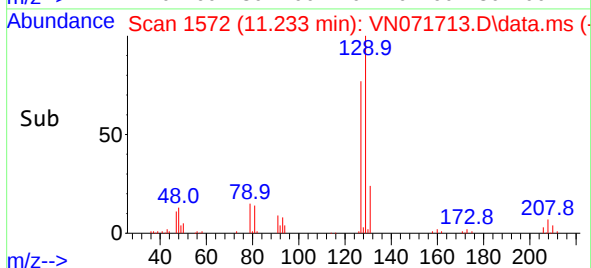
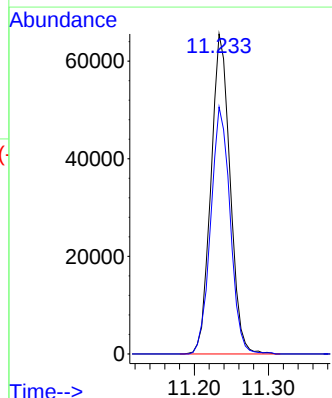
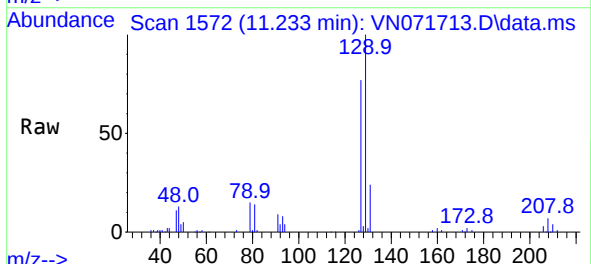
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

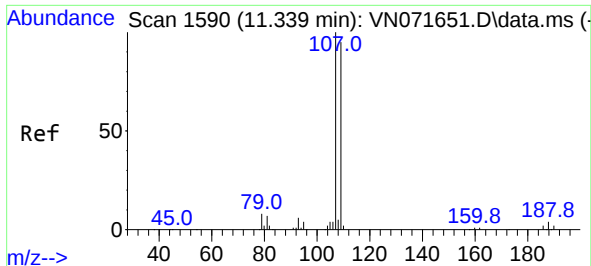
Tgt Ion: 43 Resp: 545114
Ion Ratio Lower Upper
43 100
58 60.2 29.7 89.1



#60
Dibromochloromethane
Concen: 19.177 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 129 Resp: 117743
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

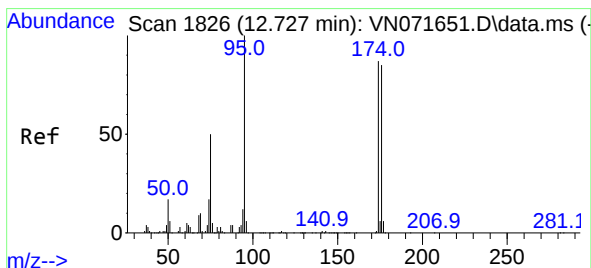
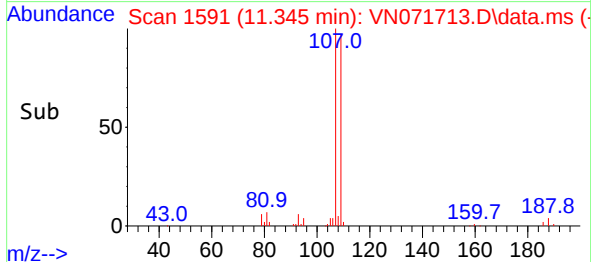
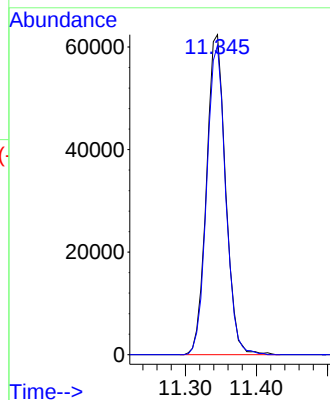
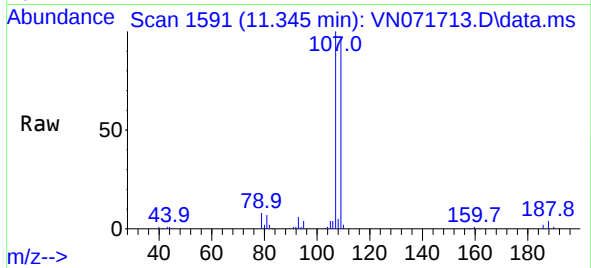




#61
1,2-Dibromoethane
Concen: 18.839 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

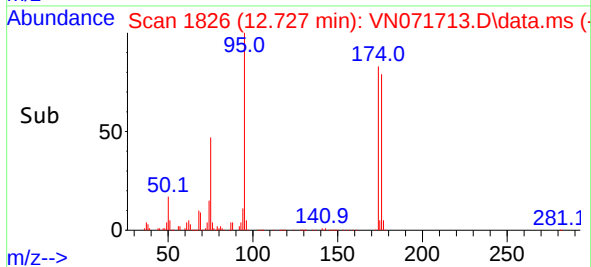
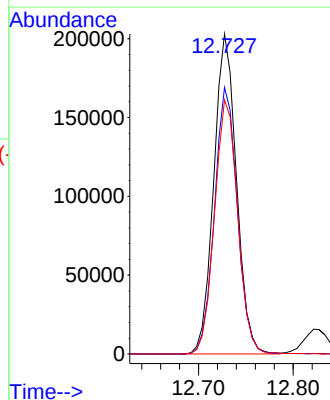
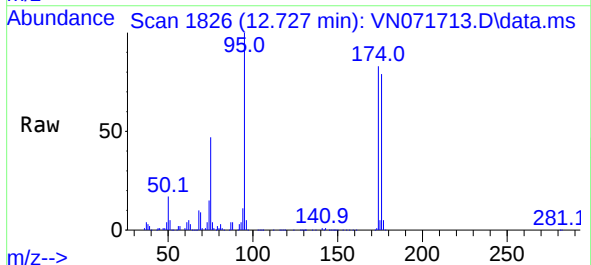
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

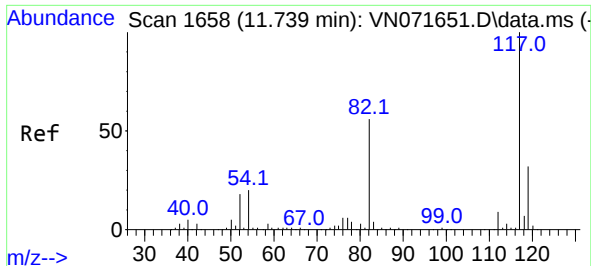
Tgt Ion:107 Resp: 116769
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 46.483 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 95 Resp: 337411
Ion Ratio Lower Upper
95 100
174 84.1 0.0 167.6
176 81.0 0.0 163.4

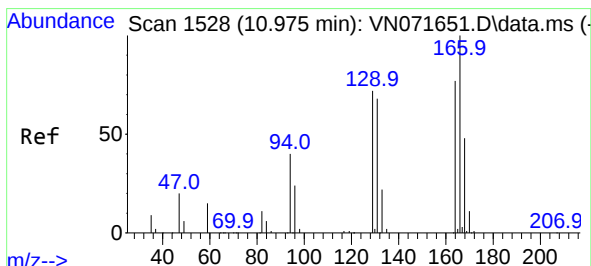
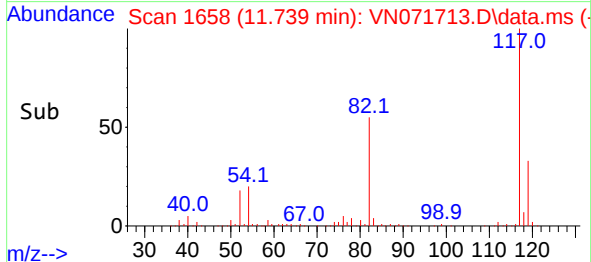
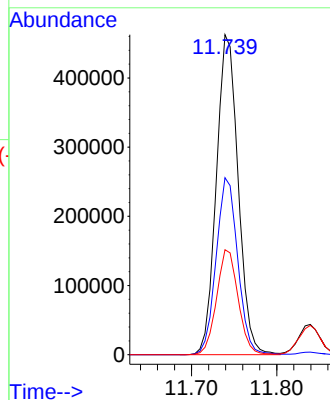
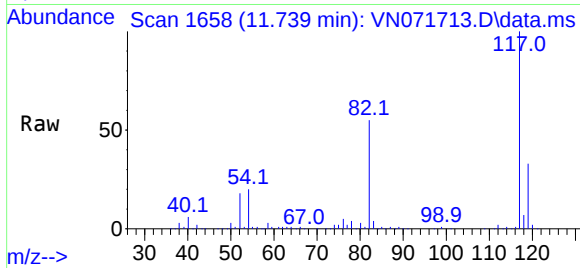




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

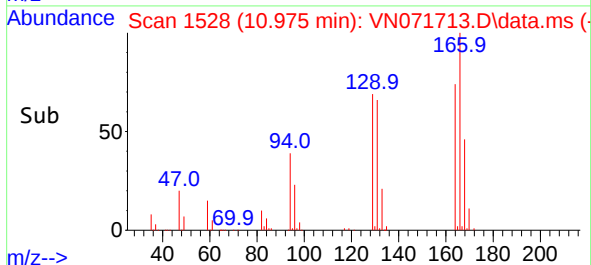
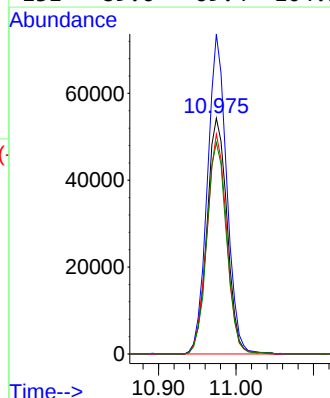
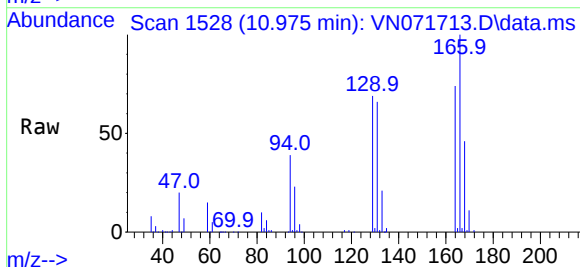
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

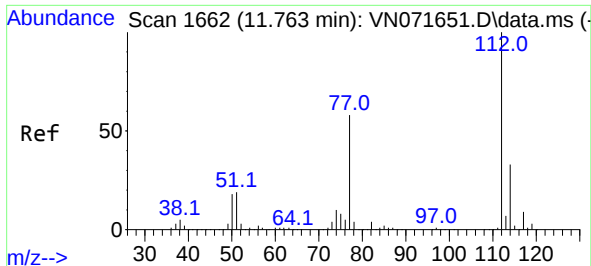
Tgt Ion:117 Resp: 823284
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 18.048 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:164 Resp: 98115
Ion Ratio Lower Upper
164 100
166 135.7 104.2 156.2
129 93.3 73.9 110.9
131 89.6 69.4 104.2

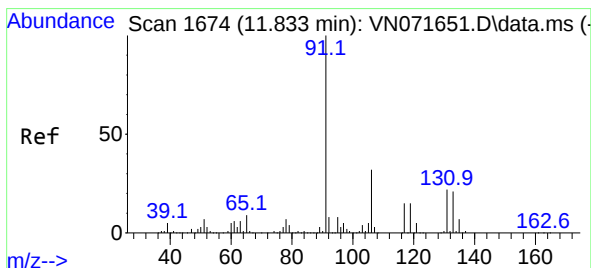
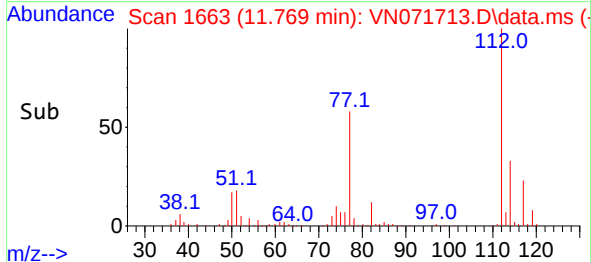
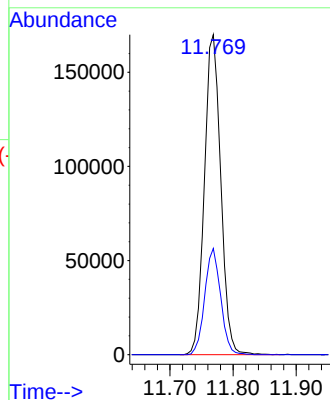
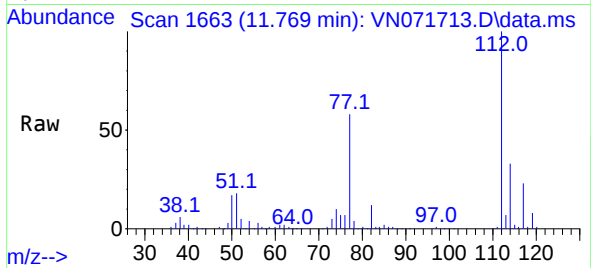




#65
Chlorobenzene
Concen: 18.543 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

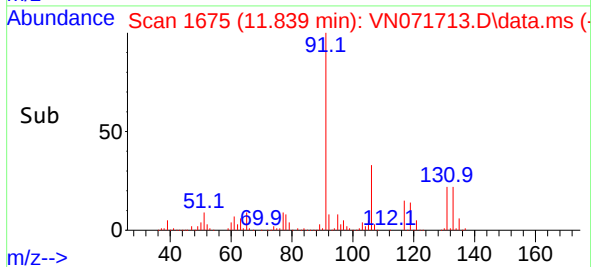
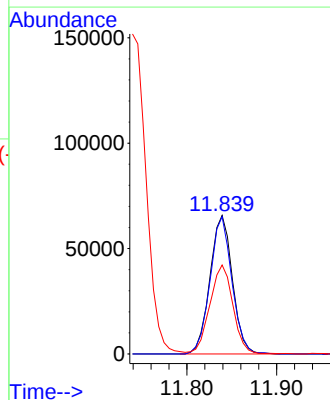
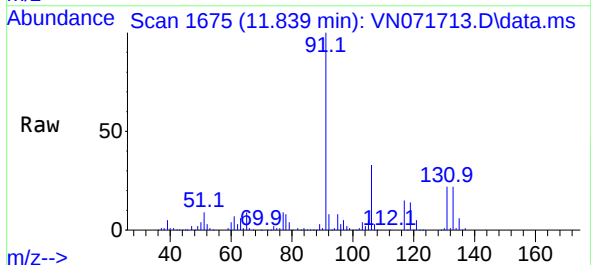
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion:112 Resp: 305681
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:131 Resp: 113993
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 66.4 33.4 100.2

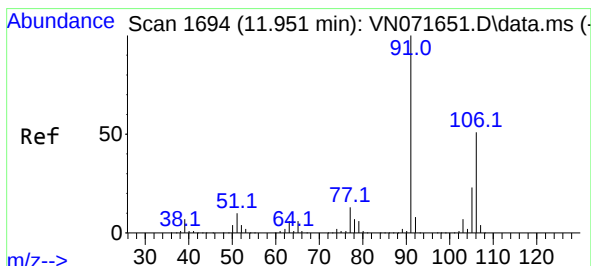
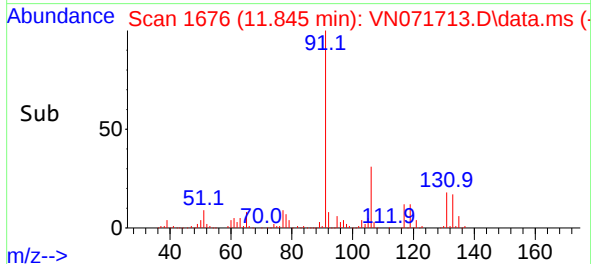
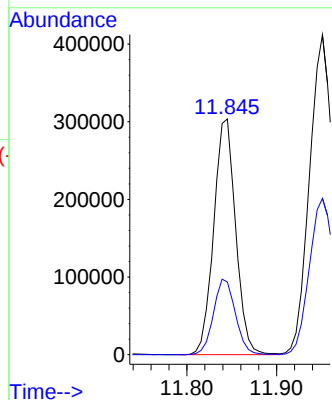
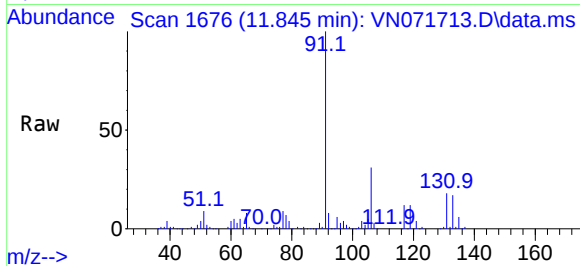




#67
Ethyl Benzene
Concen: 18.488 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

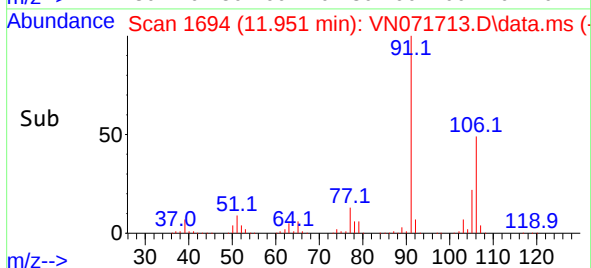
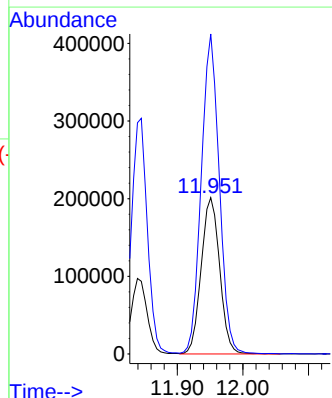
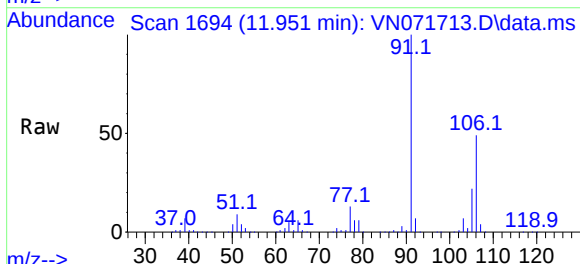
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

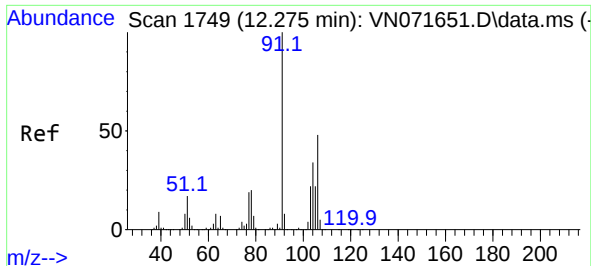
Tgt Ion: 91 Resp: 515940
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 36.816 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 106 Resp: 394761
Ion Ratio Lower Upper
106 100
91 198.8 158.9 238.3

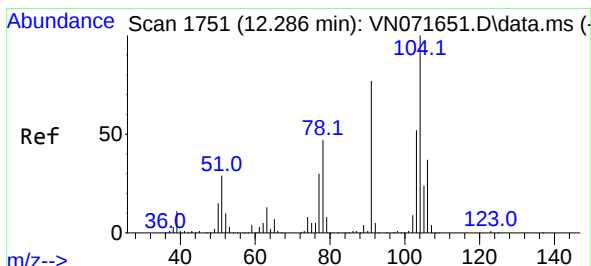
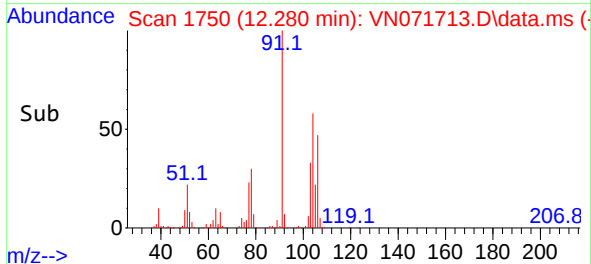
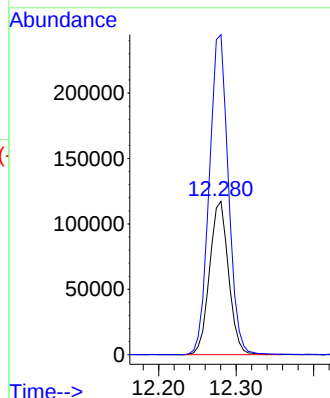
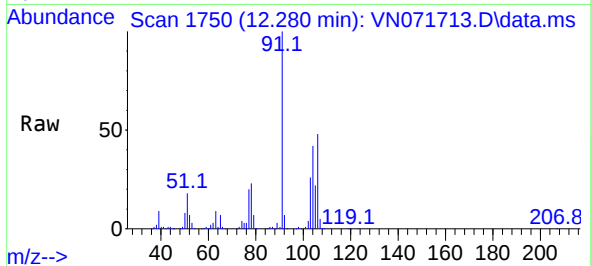




#69
o-Xylene
Concen: 18.717 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

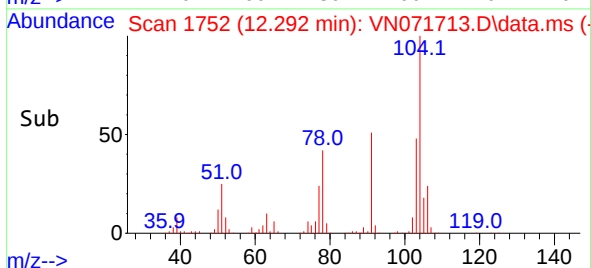
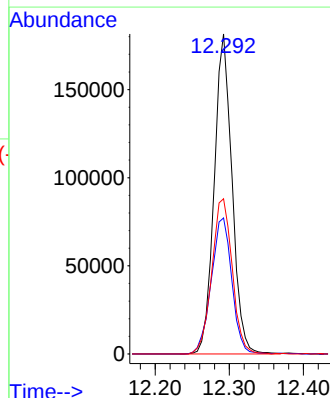
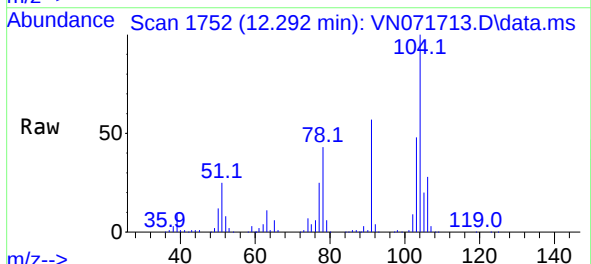
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion:106 Resp: 199207
Ion Ratio Lower Upper
106 100
91 210.4 106.0 318.0



#70
Styrene
Concen: 18.835 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:104 Resp: 303723
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.4 44.0 66.0

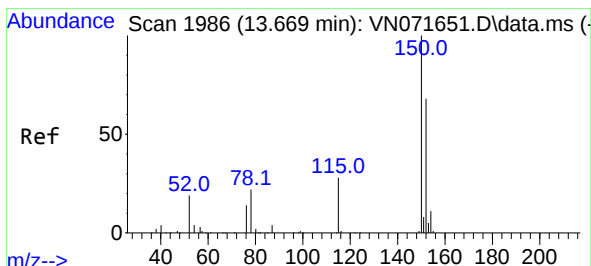
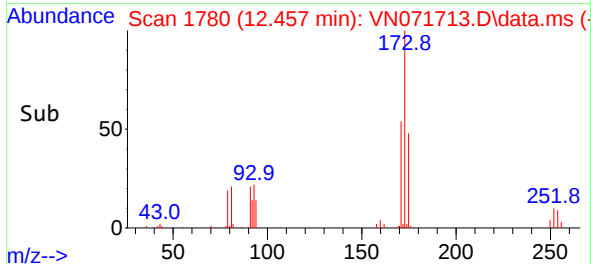
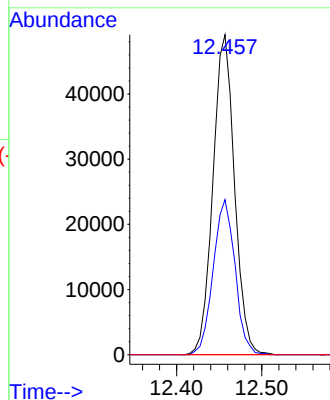
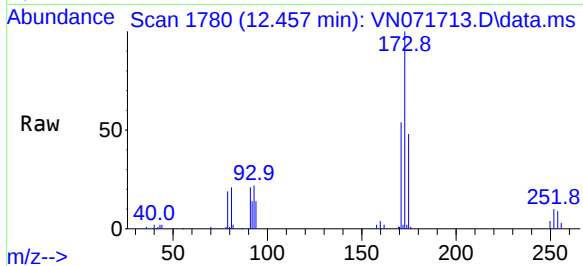




#71
Bromoform
Concen: 19.059 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

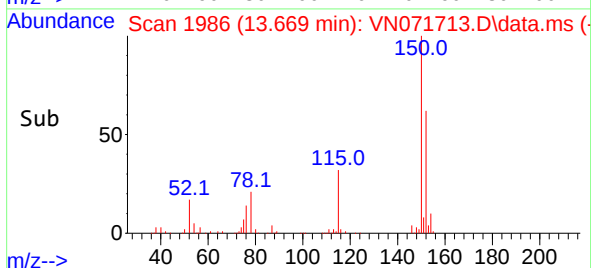
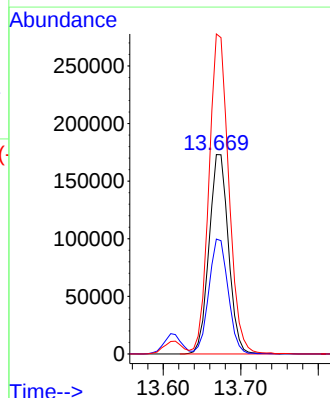
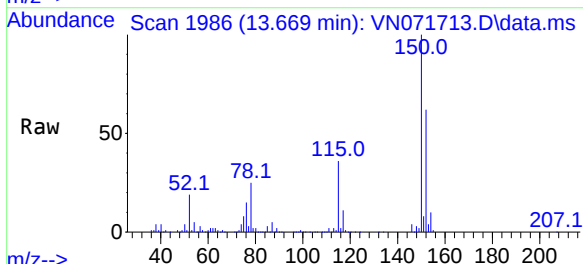
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion:173 Resp: 86337
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:152 Resp: 300348
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 164.4 0.0 356.2

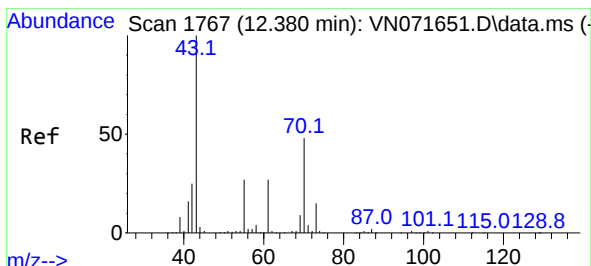
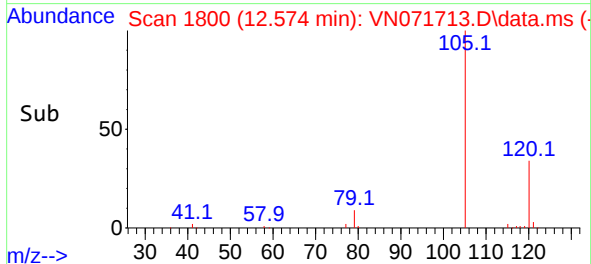
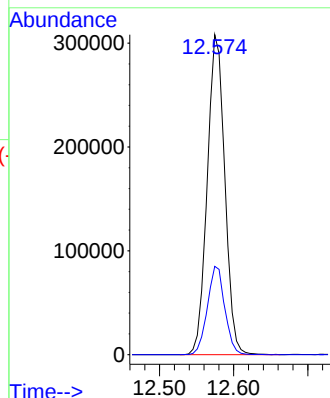
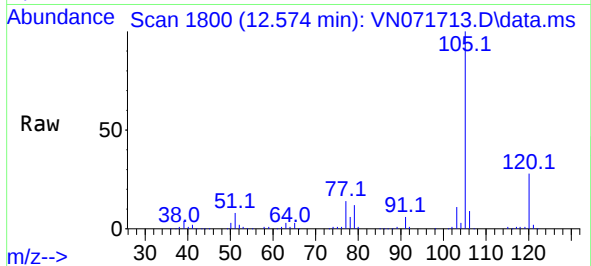




#73
Isopropylbenzene
Concen: 20.044 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

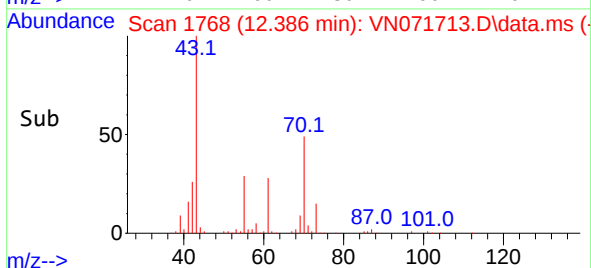
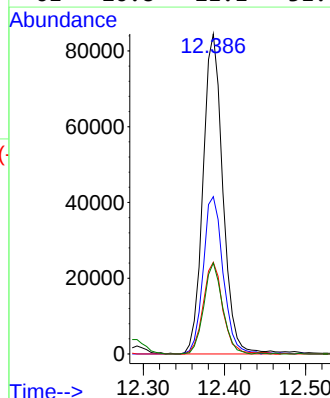
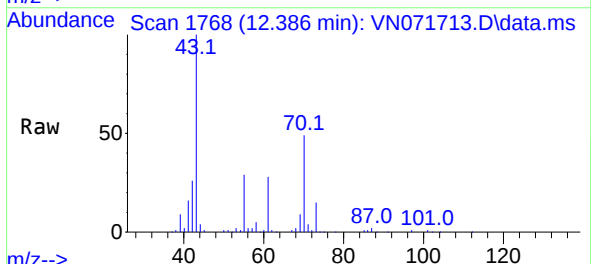
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

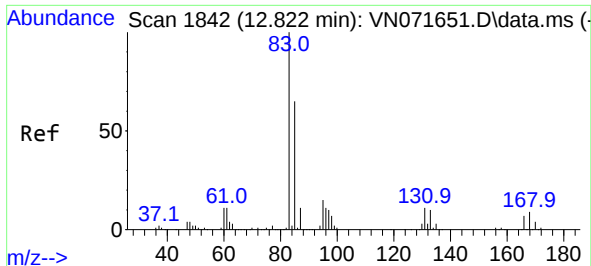
Tgt Ion:105 Resp: 507297
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 19.765 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 43 Resp: 143328
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 28.4 21.1 31.7
61 26.8 21.1 31.7

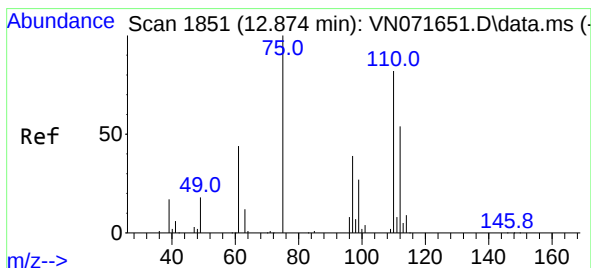
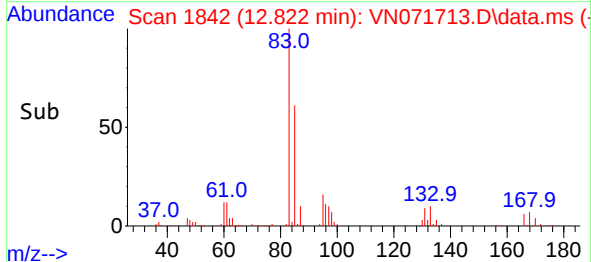
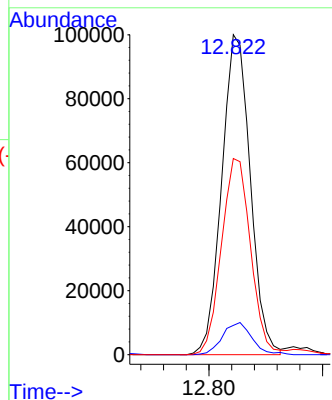
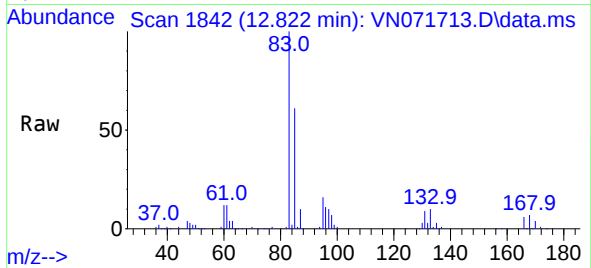




#75
1,1,2,2-Tetrachloroethane
Concen: 20.663 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

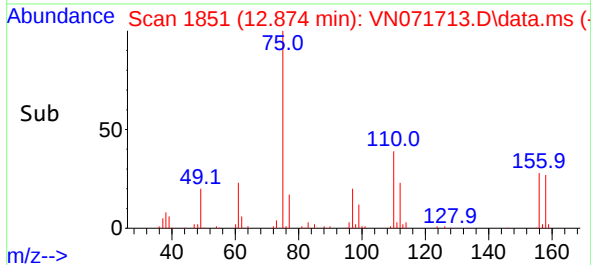
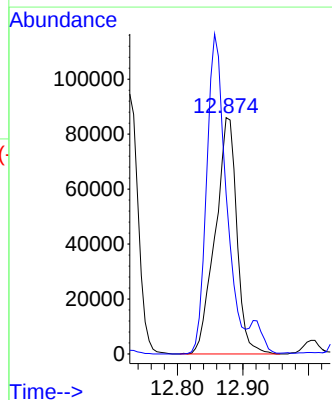
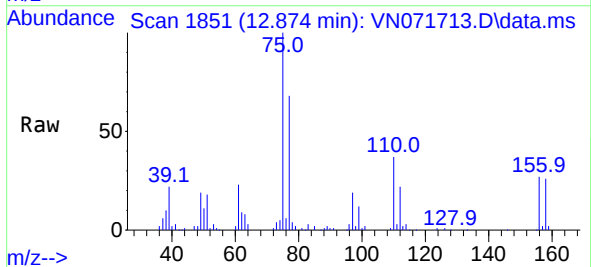
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

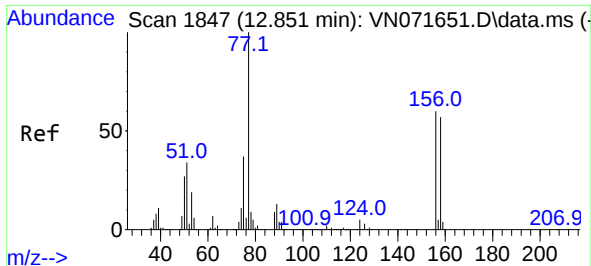
Tgt Ion: 83 Resp: 174491
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 62.7 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 28.236 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 75 Resp: 196462
Ion Ratio Lower Upper
75 100
77 122.5 98.5 295.5

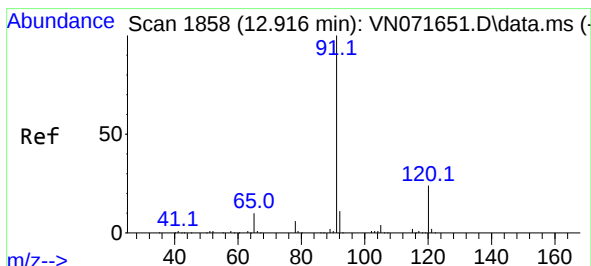
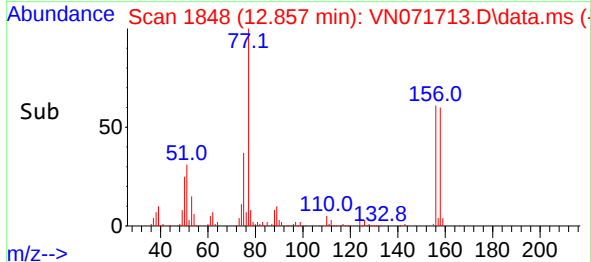
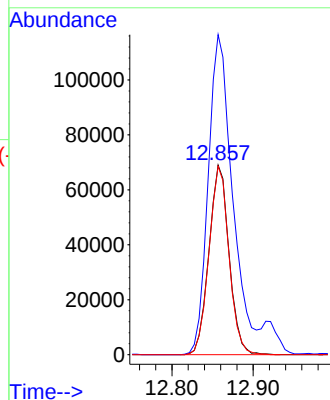
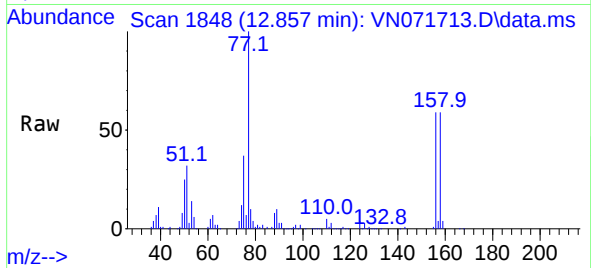




#77
Bromobenzene
Concen: 18.714 ug/l
RT: 12.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

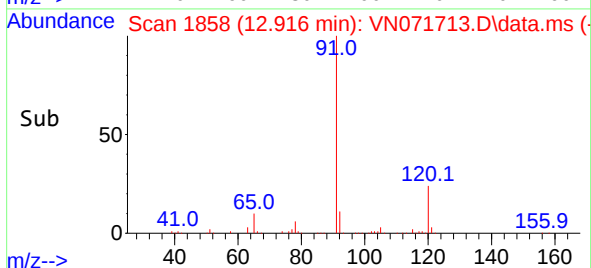
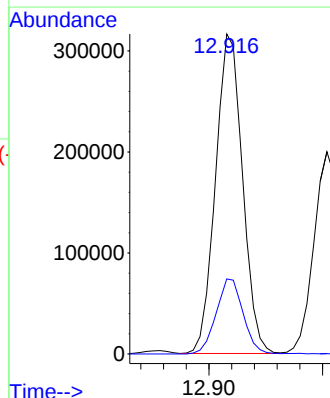
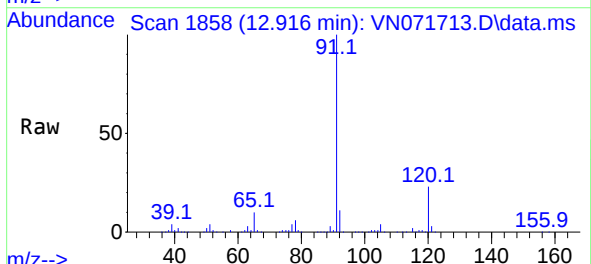
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

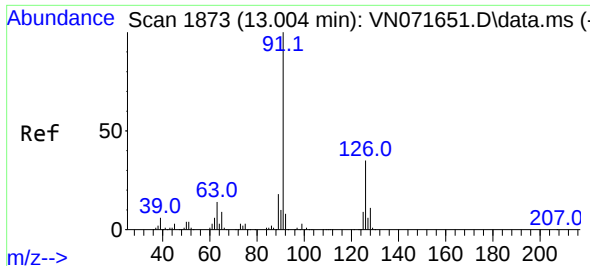
Tgt Ion:156 Resp: 118734
Ion Ratio Lower Upper
156 100
77 202.8 100.5 301.5
158 98.5 48.9 146.6



#78
n-propylbenzene
Concen: 19.615 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 91 Resp: 522216
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

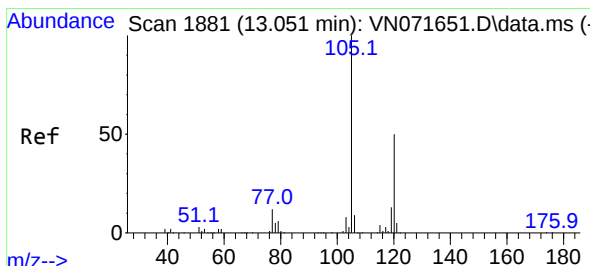
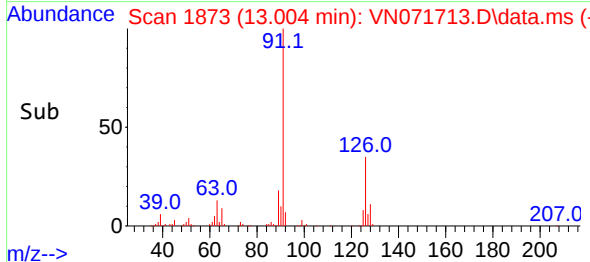
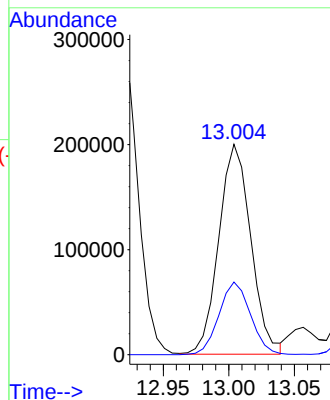
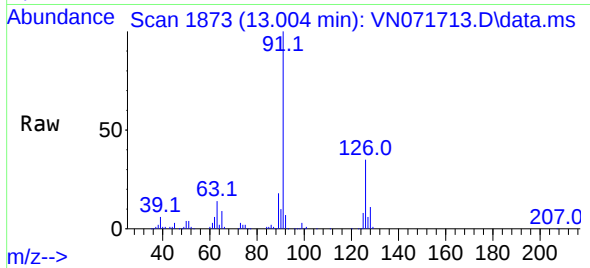




#79
2-Chlorotoluene
Concen: 19.930 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

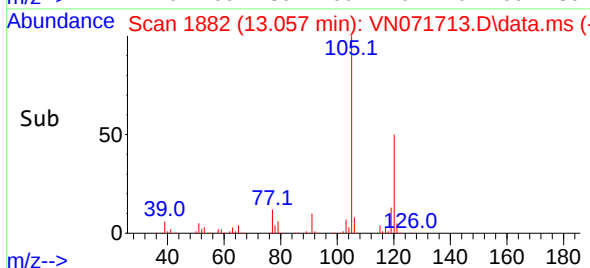
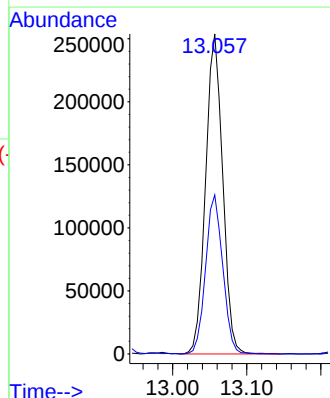
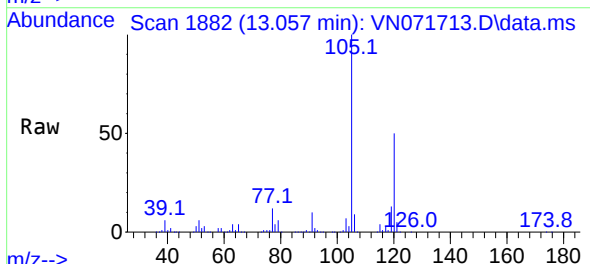
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion: 91 Resp: 340291
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.306 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 105 Resp: 407204
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7

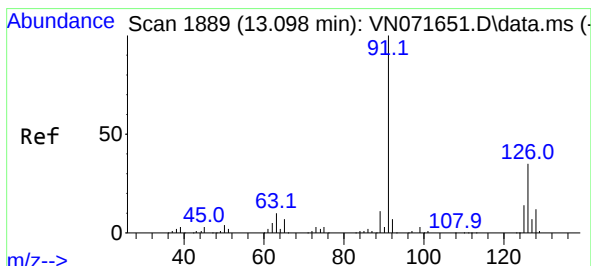
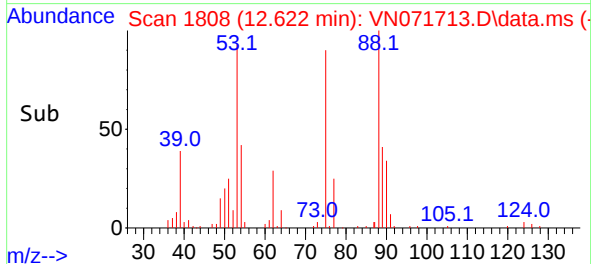
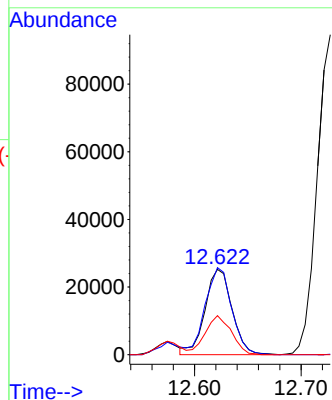
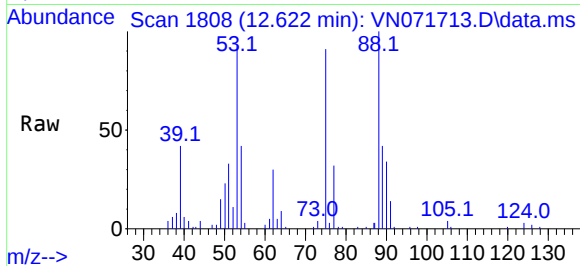




#81
trans-1,4-Dichloro-2-butene
Concen: 19.785 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

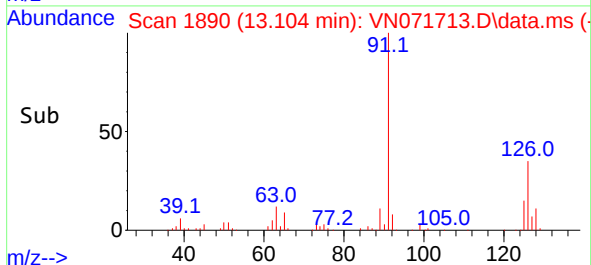
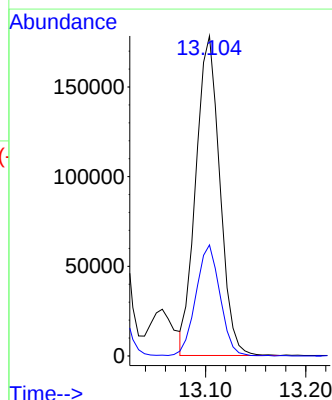
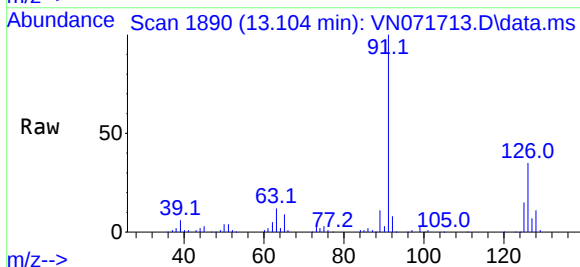
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

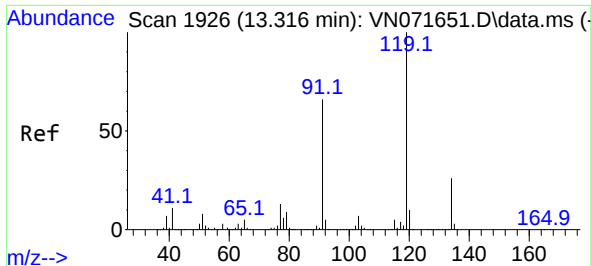
Tgt Ion: 75 Resp: 44422
Ion Ratio Lower Upper
75 100
53 99.4 78.0 117.0
89 44.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 18.671 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 91 Resp: 295492
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

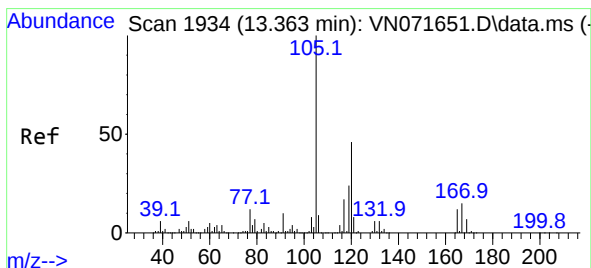
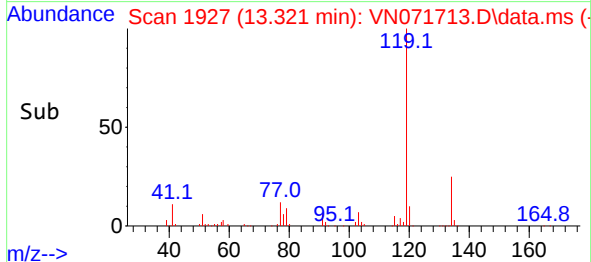
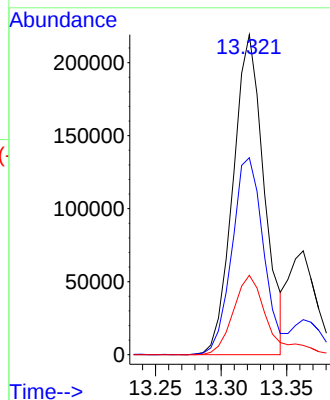
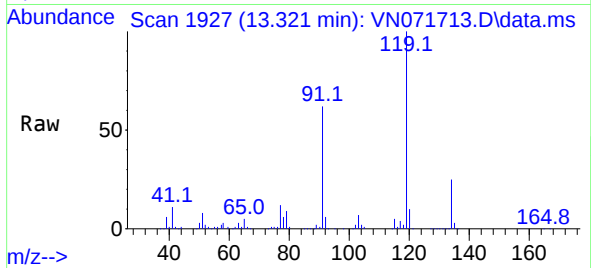




#83
tert-Butylbenzene
Concen: 19.717 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

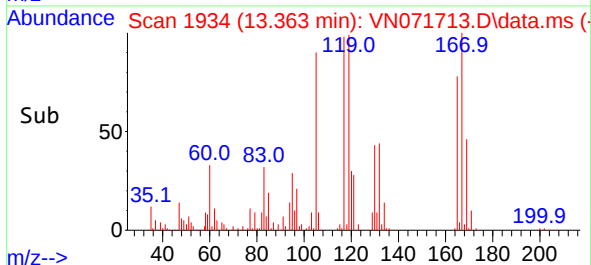
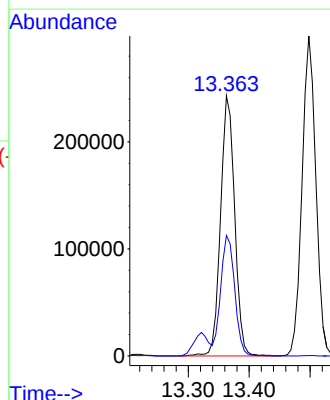
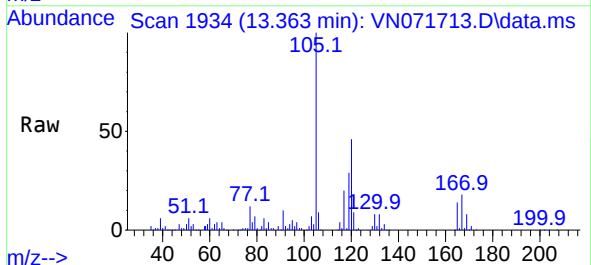
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

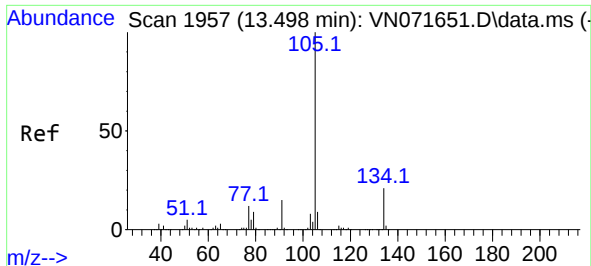
Tgt Ion:119 Resp: 361432
Ion Ratio Lower Upper
119 100
91 63.5 31.6 94.8
134 27.5 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 19.988 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:105 Resp: 391084
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8

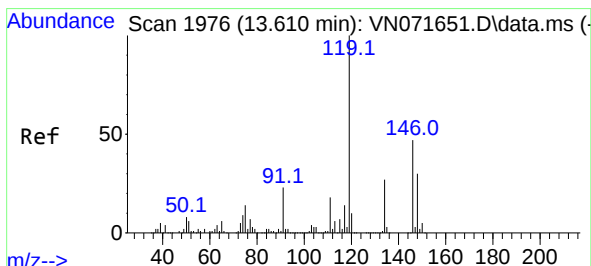
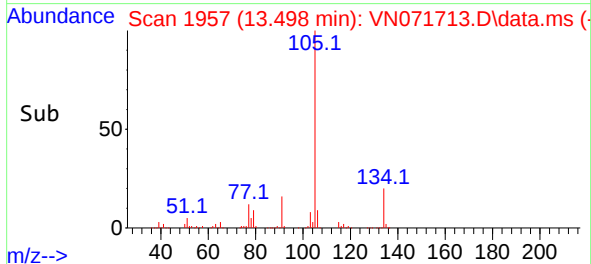
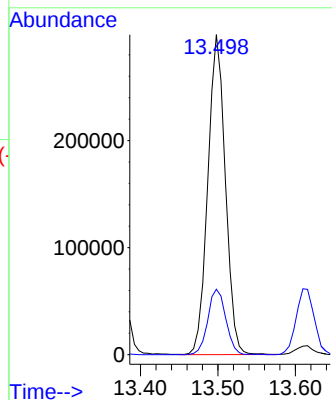
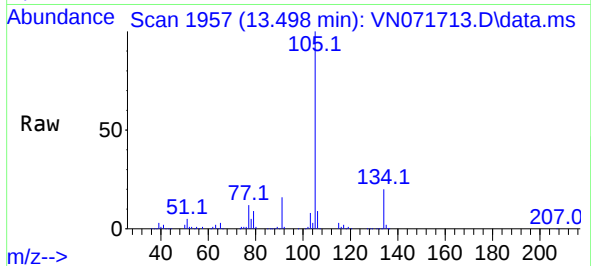




#85
sec-Butylbenzene
Concen: 19.754 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

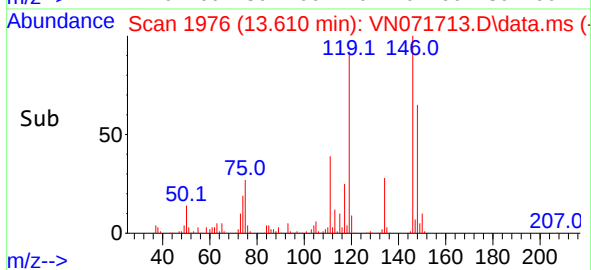
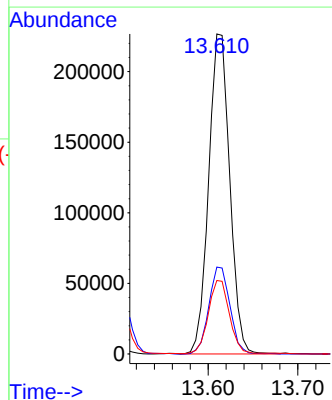
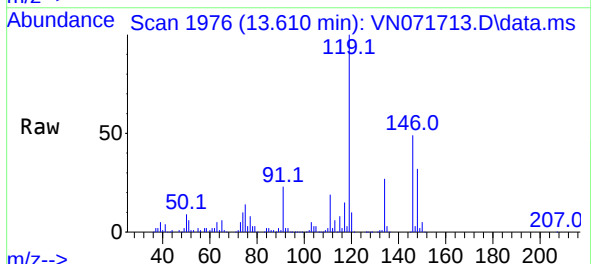
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

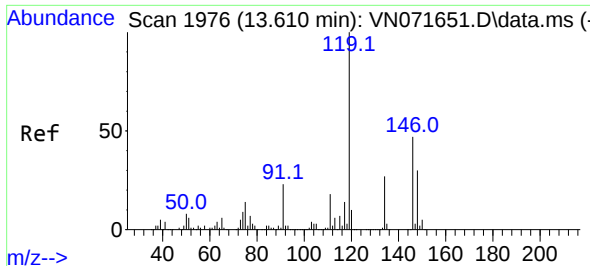
Tgt Ion:105 Resp: 469391
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1



#86
p-Isopropyltoluene
Concen: 19.532 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:119 Resp: 370063
Ion Ratio Lower Upper
119 100
134 27.2 13.3 39.8
91 22.8 11.3 33.9

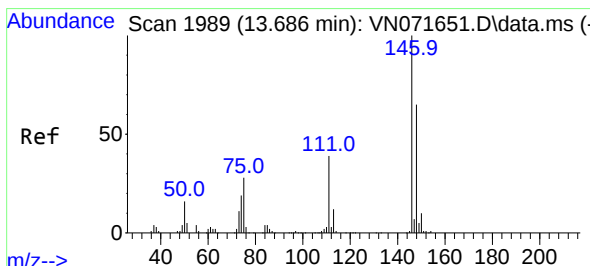
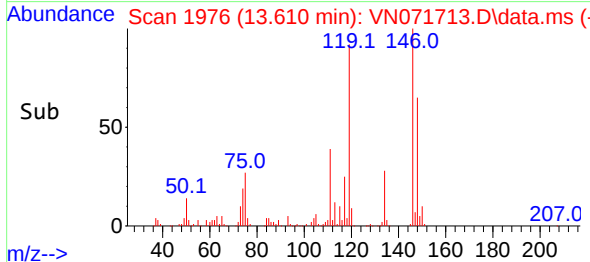
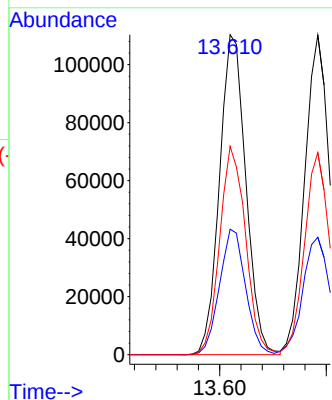
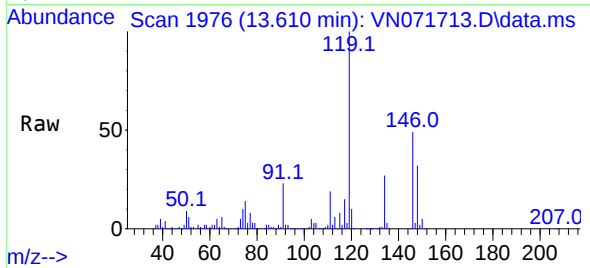




#87
1,3-Dichlorobenzene
Concen: 18.741 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

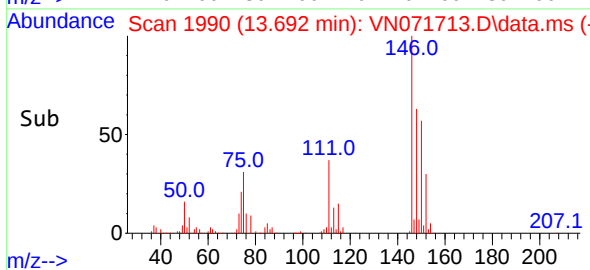
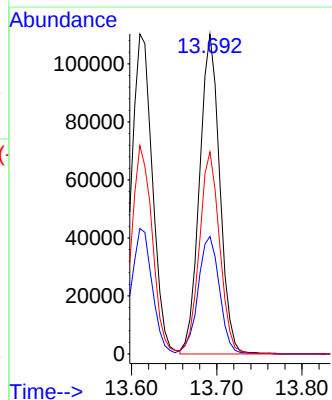
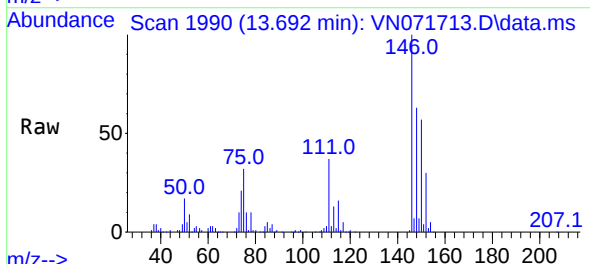
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

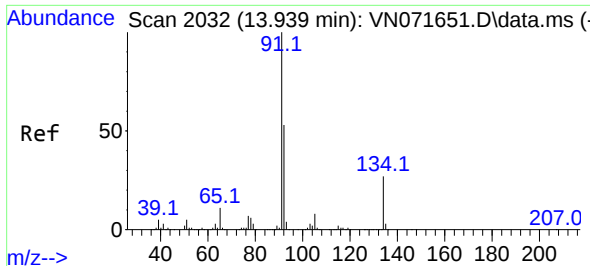
Tgt Ion:146 Resp: 189434
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.399 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:146 Resp: 181439
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 63.0 31.4 94.3

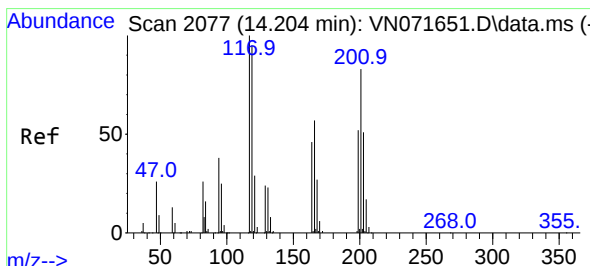
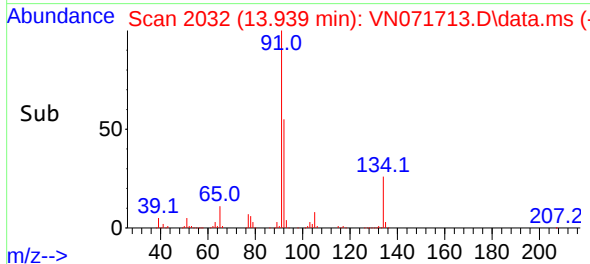
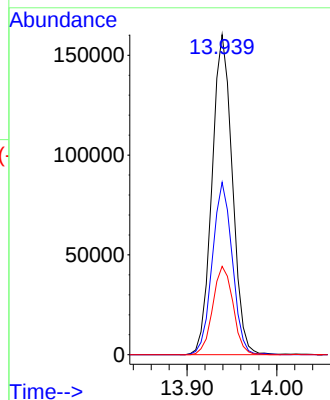
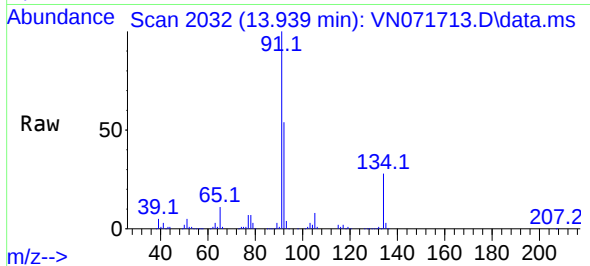




#89
n-Butylbenzene
Concen: 17.964 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

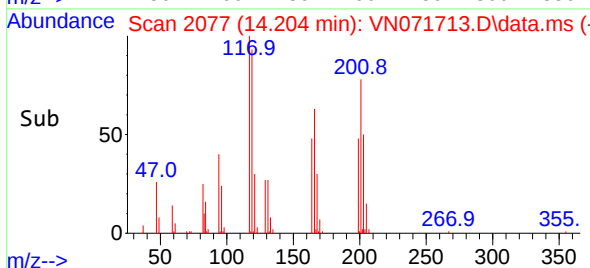
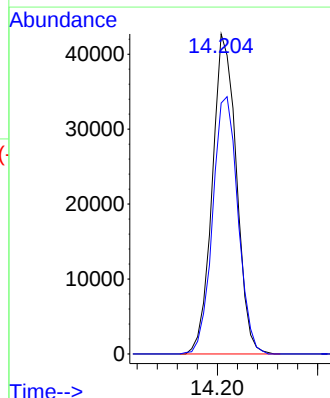
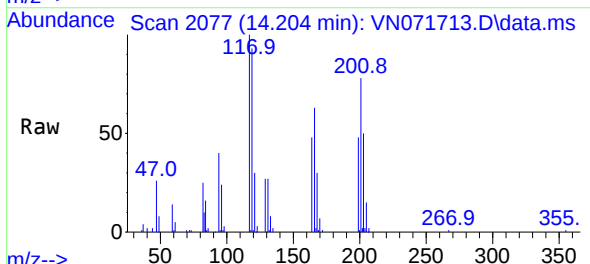
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

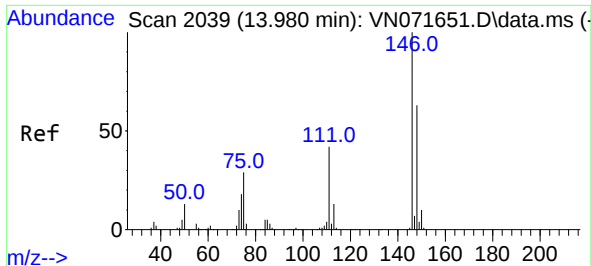
Tgt Ion: 91 Resp: 252444
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 27.6 13.6 40.8



#90
Hexachloroethane
Concen: 20.527 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion: 117 Resp: 71193
Ion Ratio Lower Upper
117 100
201 84.4 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 19.025 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS03

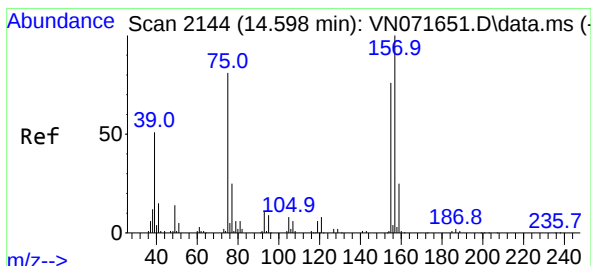
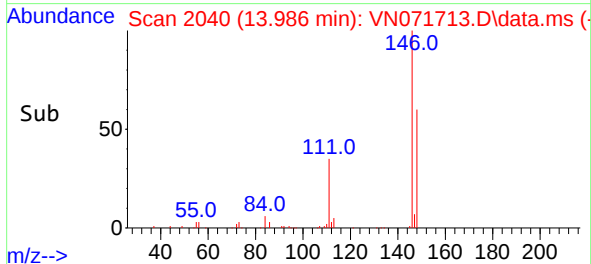
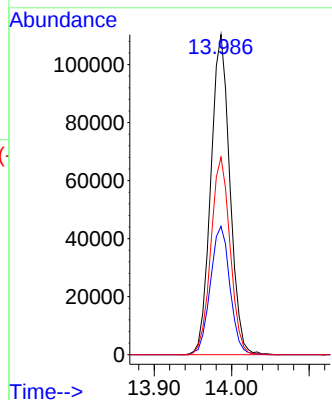
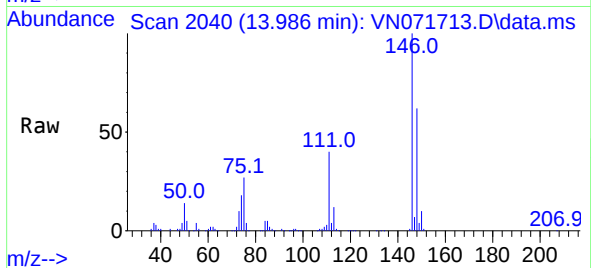
Tgt Ion:146 Resp: 188791

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

148 62.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.067 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071713.D

Acq: 31 Mar 2022 18:50

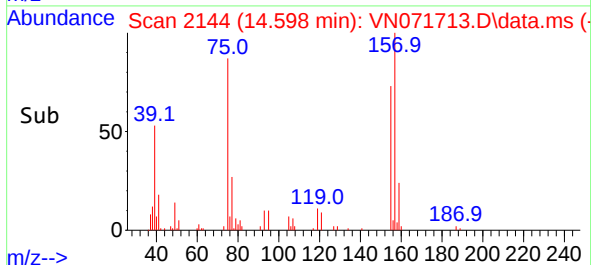
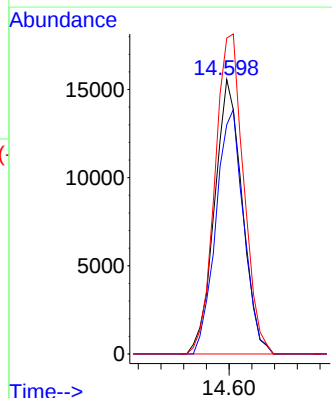
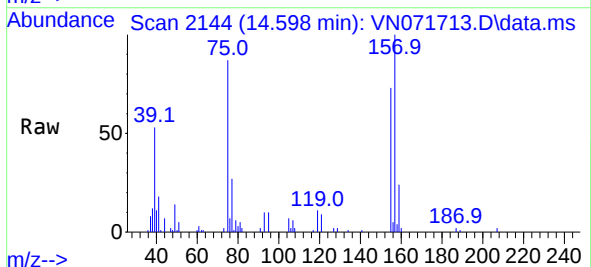
Tgt Ion: 75 Resp: 26285

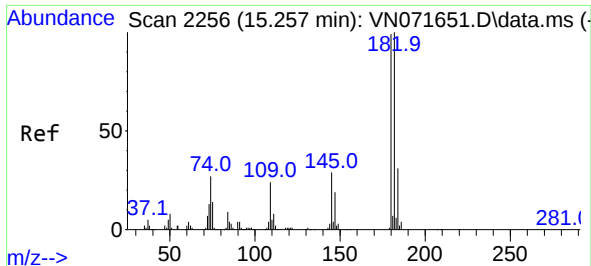
Ion Ratio Lower Upper

75 100

155 89.5 44.9 134.5

157 120.9 59.0 176.8

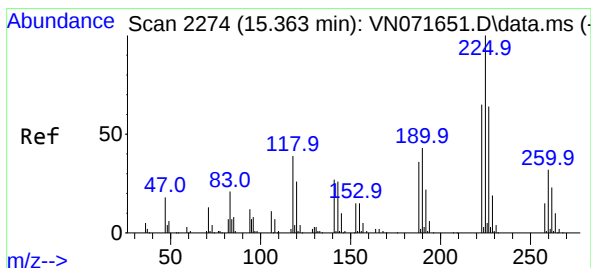
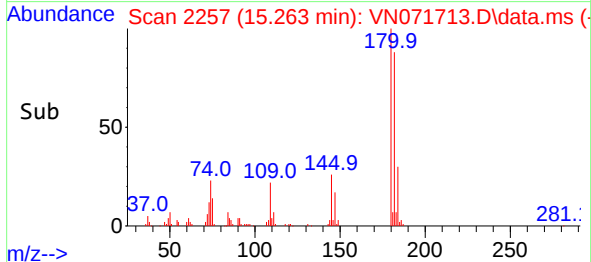
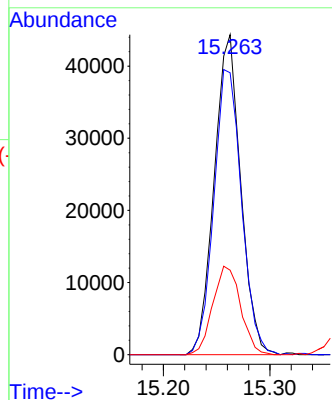
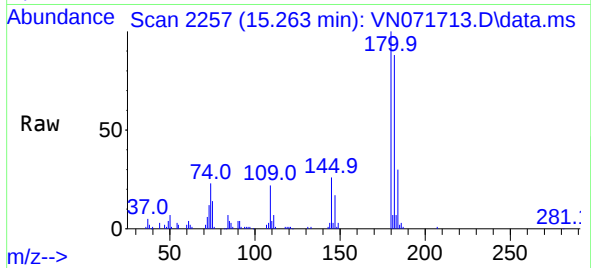




#93
1,2,4-Trichlorobenzene
Concen: 17.423 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

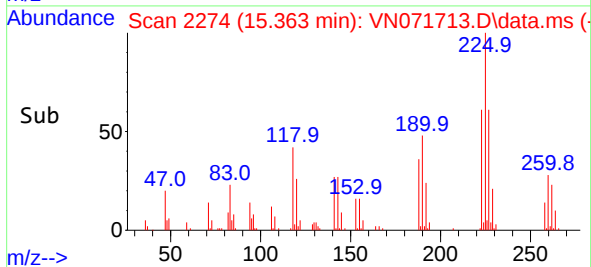
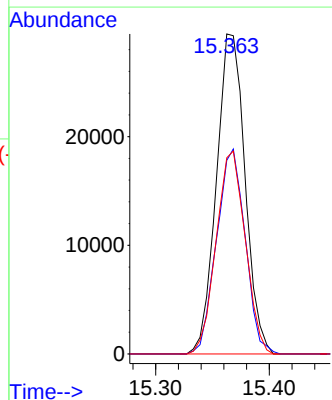
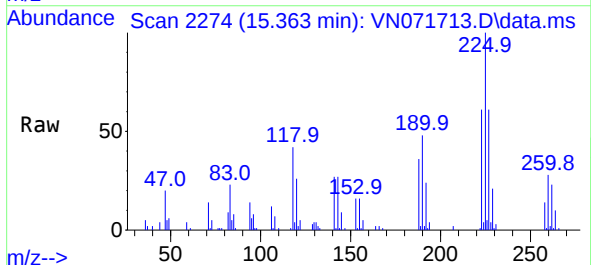
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion:180 Resp: 76504
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.5
145 29.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 17.636 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:225 Resp: 51615
Ion Ratio Lower Upper
225 100
223 63.8 32.4 97.2
227 64.3 31.8 95.4

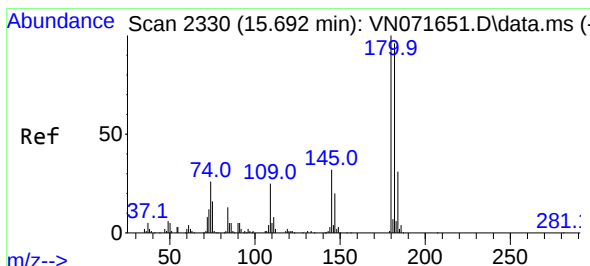
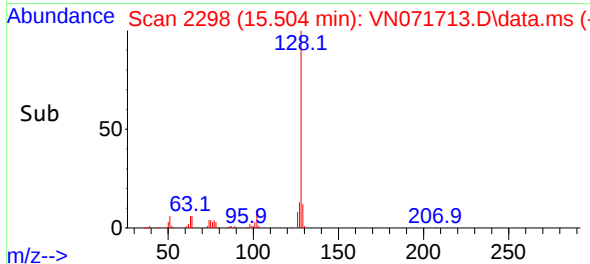
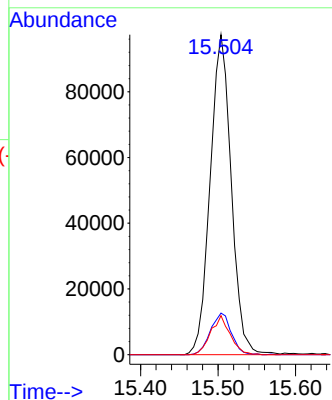
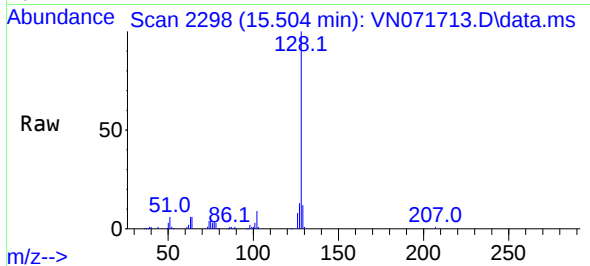




#95
Naphthalene
Concen: 16.223 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Tgt Ion:	128	Resp:	183858
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.633 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071713.D
Acq: 31 Mar 2022 18:50

Tgt Ion:	180	Resp:	74047
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	31.2	15.5	46.5

