

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071461.D
 Acq On : 22 Mar 2022 12:31
 Operator : JC\MD
 Sample : VN0322WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

Quant Time: Mar 23 07:06:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	514295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	835834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	757172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	311914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	396994	56.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.640%			
35) Dibromofluoromethane	8.016	113	293102	55.571	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.140%			
50) Toluene-d8	10.439	98	1149387	54.124	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.727	95	388688	54.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	96393	17.101	ug/l	97
3) Chloromethane	2.299	50	140839	18.590	ug/l	99
4) Vinyl Chloride	2.440	62	126854	18.364	ug/l	99
5) Bromomethane	2.840	94	66070	17.541	ug/l	92
6) Chloroethane	3.010	64	72571	17.348	ug/l	98
7) Trichlorofluoromethane	3.369	101	178550	19.638	ug/l	99
8) Diethyl Ether	3.822	74	87337	22.448	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	110644	21.022	ug/l	94
10) Methyl Iodide	4.422	142	138998	18.698	ug/l	99
11) Tert butyl alcohol	5.357	59	138680	100.154	ug/l	98
12) 1,1-Dichloroethene	4.181	96	103401	20.055	ug/l	90
13) Acrolein	4.040	56	81440	55.568	ug/l	98
14) Allyl chloride	4.840	41	220744	19.684	ug/l	88
15) Acrylonitrile	5.551	53	430575	104.724	ug/l	99
16) Acetone	4.281	43	367085	107.034	ug/l	94
17) Carbon Disulfide	4.528	76	247120	16.835	ug/l	97
18) Methyl Acetate	4.851	43	213684	23.451	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	429209	22.172	ug/l	96
20) Methylene Chloride	5.093	84	129289	20.850	ug/l #	88
21) trans-1,2-Dichloroethene	5.592	96	109680	19.448	ug/l	90
22) Diisopropyl ether	6.492	45	484667	21.938	ug/l	90
23) Vinyl Acetate	6.428	43	2075458	110.967	ug/l	98
24) 1,1-Dichloroethane	6.381	63	243196	20.832	ug/l	99
25) 2-Butanone	7.328	43	593531	107.432	ug/l	98
26) 2,2-Dichloropropane	7.322	77	192257	21.347	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	137017	20.470	ug/l	89
28) Bromochloromethane	7.657	49	116665	22.441	ug/l #	81
29) Tetrahydrofuran	7.681	42	408988	106.858	ug/l	89
30) Chloroform	7.816	83	237699	21.348	ug/l	100
31) Cyclohexane	8.092	56	218149	19.381	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	198346	20.913	ug/l	98
36) 1,1-Dichloropropene	8.216	75	166263	19.674	ug/l	97
37) Ethyl Acetate	7.404	43	236119	20.302	ug/l	99
38) Carbon Tetrachloride	8.204	117	160683	19.658	ug/l	97
39) Methylcyclohexane	9.457	83	196767	19.792	ug/l	93
40) Benzene	8.457	78	526402	20.674	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	112719	19.804	ug/l	94
42) 1,2-Dichloroethane	8.528	62	197557	22.297	ug/l	99
43) Isopropyl Acetate	8.557	43	385935	22.190	ug/l	95
44) Trichloroethene	9.210	130	122022	20.311	ug/l	97
45) 1,2-Dichloropropane	9.486	63	144415	21.129	ug/l	98
46) Dibromomethane	9.575	93	90307	21.467	ug/l	96
47) Bromodichloromethane	9.757	83	181206	21.314	ug/l	96
48) Methyl methacrylate	9.551	41	173775	21.561	ug/l #	83
49) 1,4-Dioxane	9.563	88	58610	418.353	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	1190749	110.320	ug/l	100
52) Toluene	10.498	92	325454	20.758	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	198591	21.191	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	216306	21.124	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	136887	21.788	ug/l	99
56) Ethyl methacrylate	10.757	69	223037	21.739	ug/l	90
57) 1,3-Dichloropropane	11.039	76	245473	21.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	244639	128.708	ug/l	94
59) 2-Hexanone	11.080	43	849603	115.363	ug/l	100
60) Dibromochloromethane	11.233	129	133240	21.344	ug/l	98
61) 1,2-Dibromoethane	11.345	107	133440	20.782	ug/l	99
64) Tetrachloroethene	10.974	164	104105	19.714	ug/l	97
65) Chlorobenzene	11.763	112	340353	20.931	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	127866	21.445	ug/l	98
67) Ethyl Benzene	11.839	91	608508	21.165	ug/l	98
68) m/p-Xylenes	11.951	106	460093	43.744	ug/l	96
69) o-Xylene	12.274	106	229281	21.747	ug/l	97
70) Styrene	12.286	104	364409	22.329	ug/l	97
71) Bromoform	12.457	173	98274	21.704	ug/l #	98
73) Isopropylbenzene	12.574	105	592439	19.703	ug/l	98
74) N-amyl acetate	12.380	43	245778	21.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	215389	22.707	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	259161	33.341	ug/l	66
77) Bromobenzene	12.857	156	135189	19.281	ug/l	78
78) n-propylbenzene	12.916	91	650518	20.162	ug/l	97
79) 2-Chlorotoluene	13.004	91	409372	19.765	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	476945	20.388	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	56822	19.693	ug/l	98
82) 4-Chlorotoluene	13.098	91	382619	20.740	ug/l	96
83) tert-Butylbenzene	13.316	119	428444	20.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	465235	20.763	ug/l	99
85) sec-Butylbenzene	13.498	105	574326	20.698	ug/l	99
86) p-Isopropyltoluene	13.610	119	459613	21.062	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	228764	20.080	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	224087	20.123	ug/l	96
89) n-Butylbenzene	13.939	91	335680	19.667	ug/l	97
90) Hexachloroethane	14.204	117	83140	19.158	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	229378	20.943	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35633	20.368	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	100034	21.389	ug/l	95
94) Hexachlorobutadiene	15.368	225	64388	20.941	ug/l	97
95) Naphthalene	15.504	128	266710	21.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	96565	21.374	ug/l	99

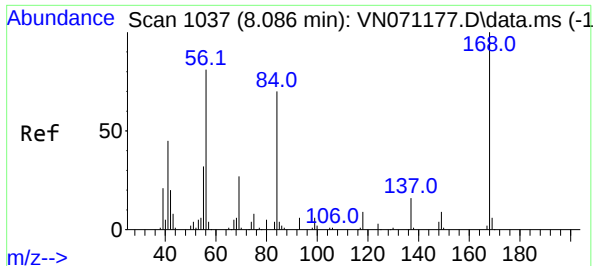
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071461.D
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Sample : VN0322WBSD01
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Quant Time: Mar 23 07:06:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

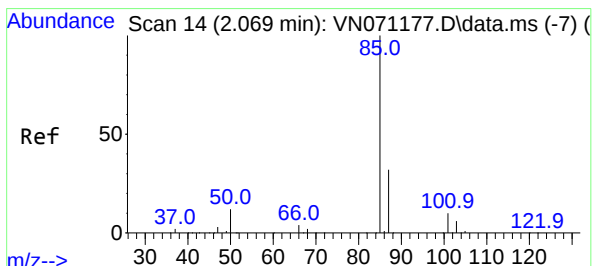
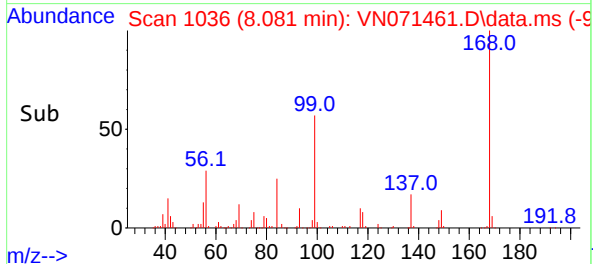
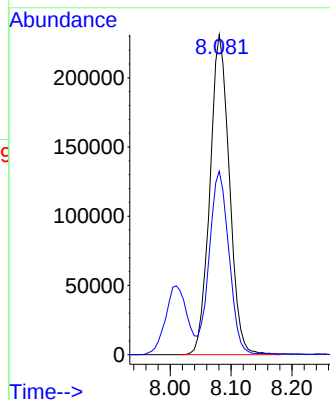
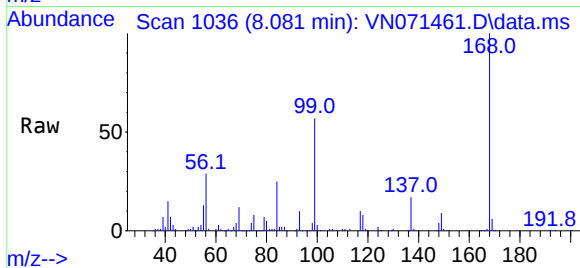
VN0322WBSD01

Tgt Ion:168 Resp: 514295

Ion Ratio Lower Upper

168 100

99 57.1 41.3 61.9



Dichlorodifluoromethane

Concen: 17.101 ug/l

RT: 2.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN071461.D

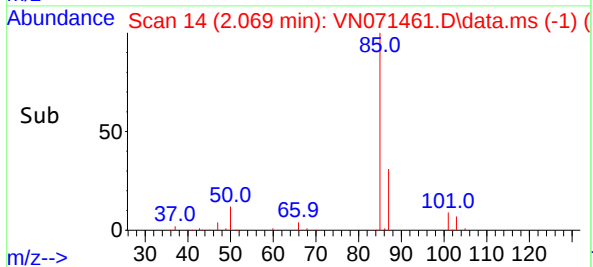
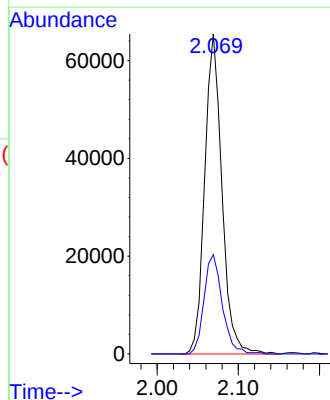
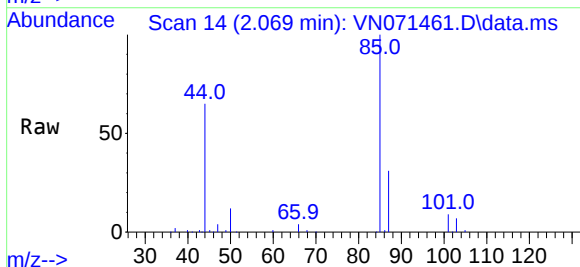
Acq: 22 Mar 2022 12:31

Tgt Ion: 85 Resp: 96393

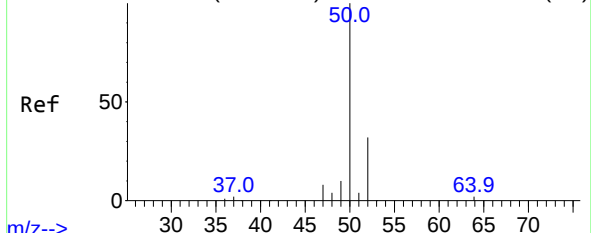
Ion Ratio Lower Upper

85 100

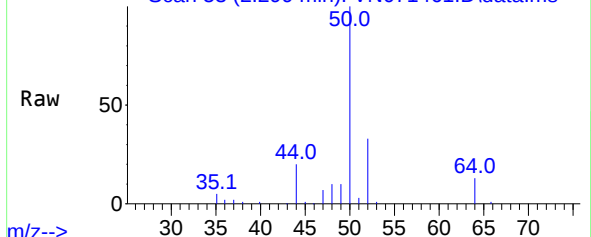
87 31.1 16.3 48.9



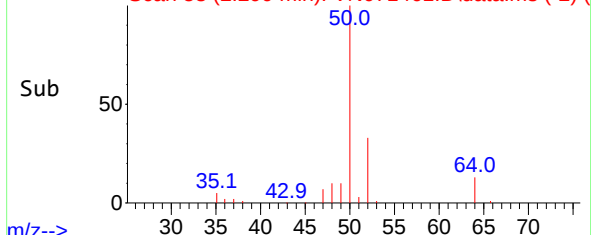
Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



Abundance Scan 53 (2.299 min): VN071461.D\data.ms



Abundance Scan 53 (2.299 min): VN071461.D\data.ms (-2)



#3

Chloromethane

Concen: 18.590 ug/l

RT: 2.299 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBSD01

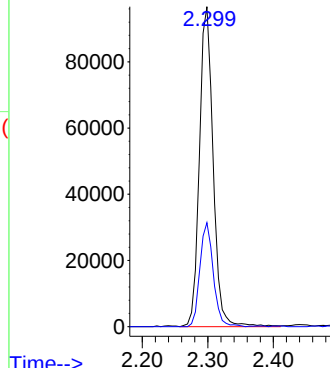
Tgt Ion: 50 Resp: 140839

Ion Ratio Lower Upper

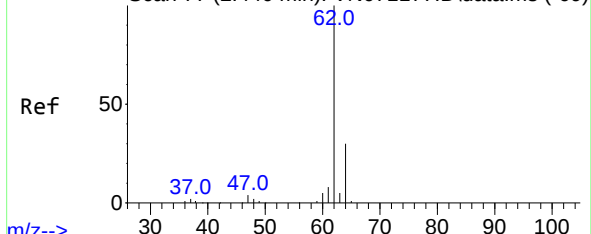
50 100

52 32.5 25.4 38.0

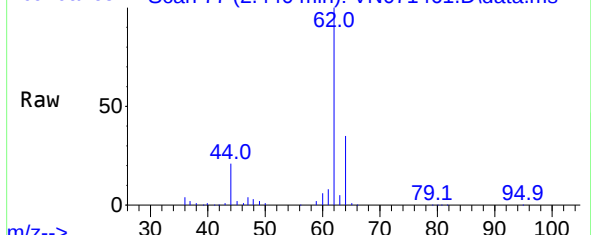
Abundance



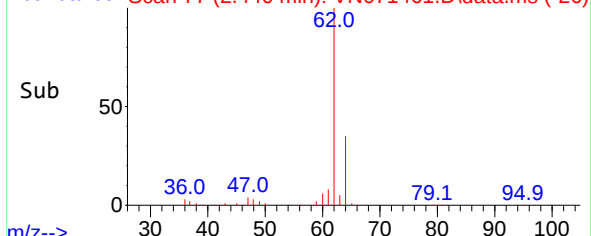
Abundance Scan 77 (2.440 min): VN071177.D\data.ms (-69)



Abundance Scan 77 (2.440 min): VN071461.D\data.ms



Abundance Scan 77 (2.440 min): VN071461.D\data.ms (-26)



#4

Vinyl Chloride

Concen: 18.364 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

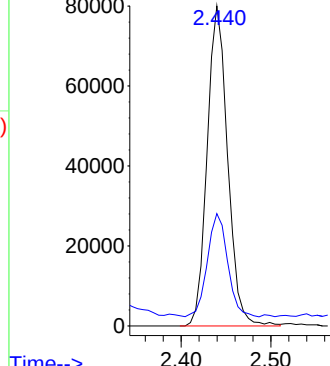
Tgt Ion: 62 Resp: 126854

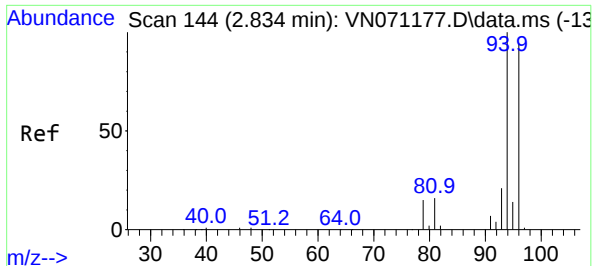
Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6

Abundance

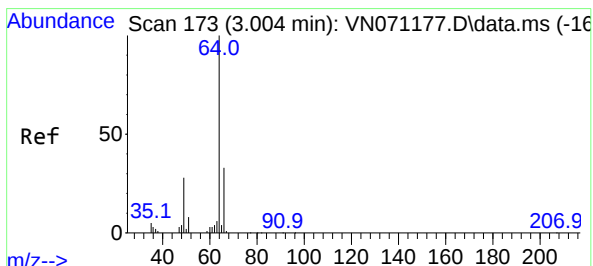
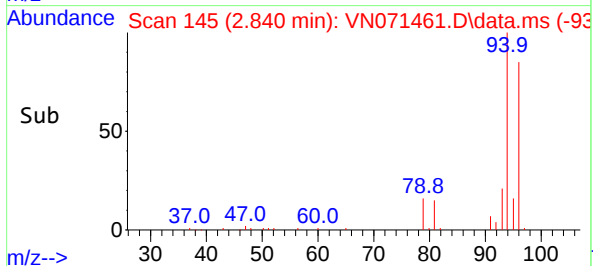
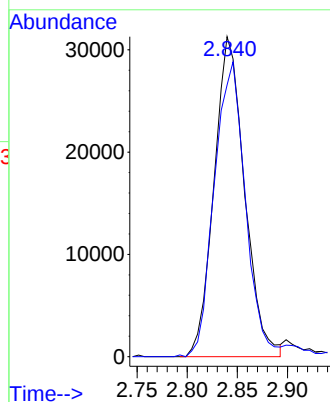
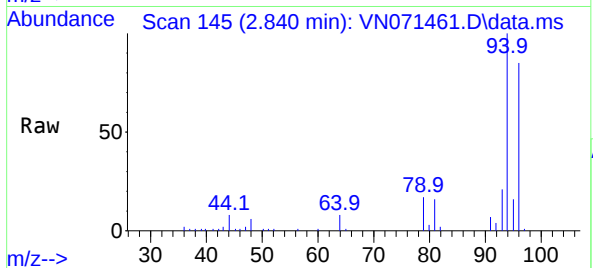




#5
Bromomethane
Concen: 17.541 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

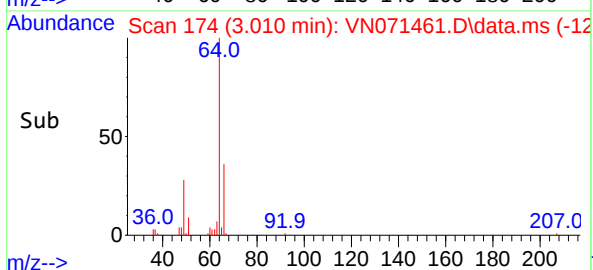
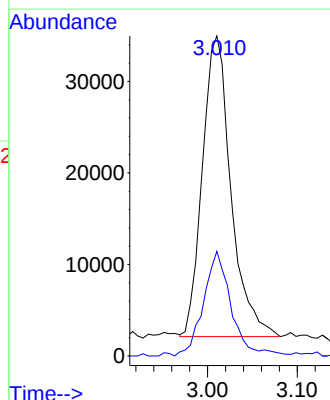
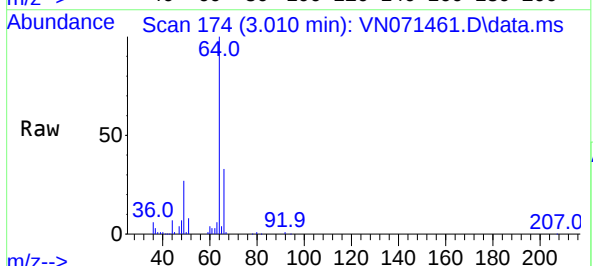
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

Tgt Ion: 94 Resp: 66070
Ion Ratio Lower Upper
94 100
96 84.4 73.8 110.8

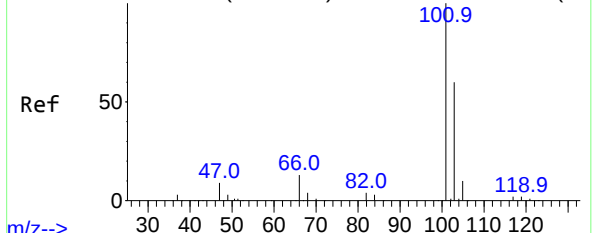


#6
Chloroethane
Concen: 17.348 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 64 Resp: 72571
Ion Ratio Lower Upper
64 100
66 33.9 26.3 39.5

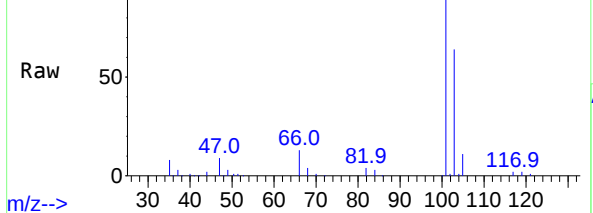


Abundance Scan 235 (3.369 min): VN071177.D\data.ms (-22



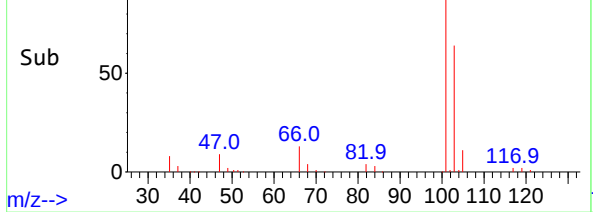
m/z-->

Abundance Scan 235 (3.369 min): VN071461.D\data.ms



m/z-->

Abundance Scan 235 (3.369 min): VN071461.D\data.ms (-18



m/z-->

#7

Trichlorofluoromethane

Concen: 19.638 ug/l

RT: 3.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBSD01

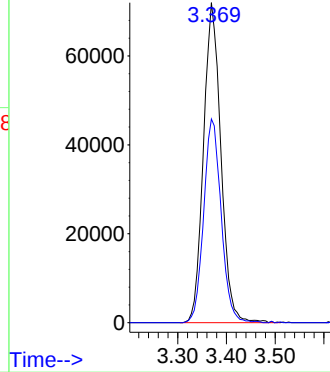
Tgt Ion:101 Resp: 178550

Ion Ratio Lower Upper

101 100

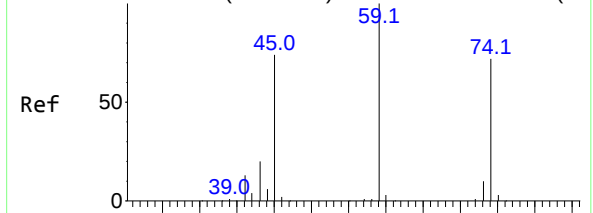
103 63.6 50.1 75.1

Abundance



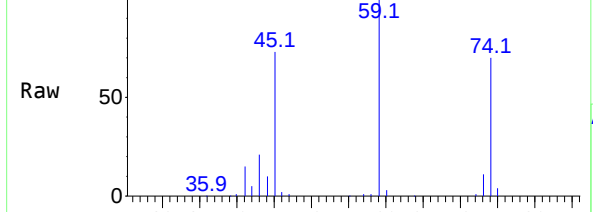
Time-->

Abundance Scan 313 (3.828 min): VN071177.D\data.ms (-30



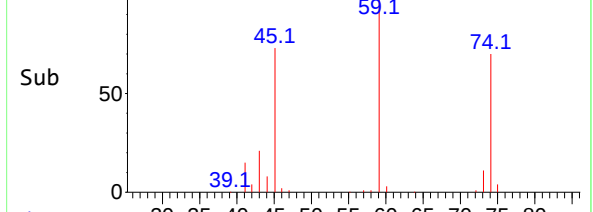
m/z-->

Abundance Scan 312 (3.822 min): VN071461.D\data.ms



m/z-->

Abundance Scan 312 (3.822 min): VN071461.D\data.ms (-26



m/z-->

#8

Diethyl Ether

Concen: 22.448 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

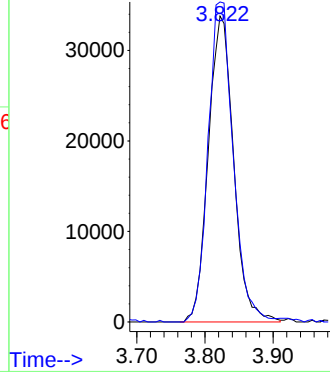
Tgt Ion: 74 Resp: 87337

Ion Ratio Lower Upper

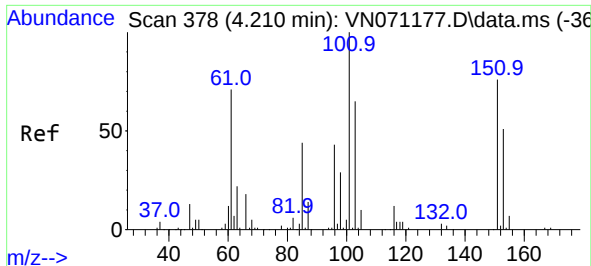
74 100

45 103.8 47.0 141.2

Abundance



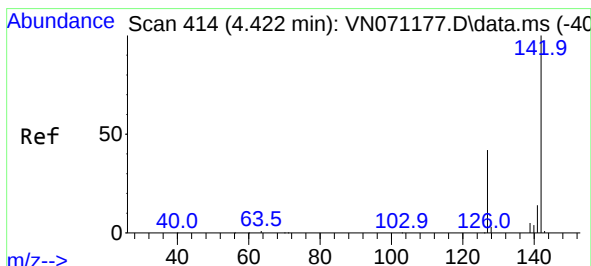
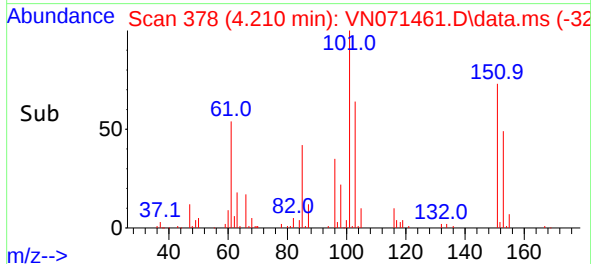
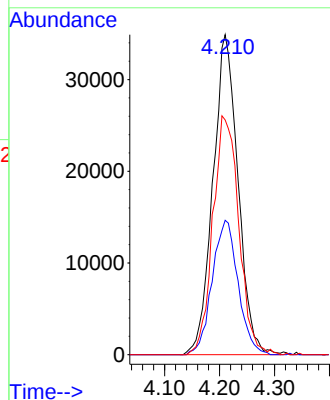
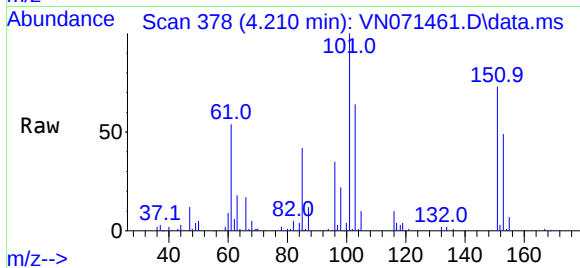
Time-->



#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.022 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

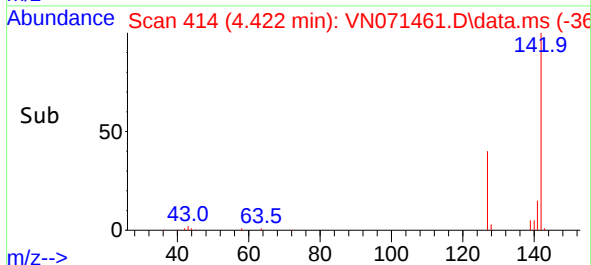
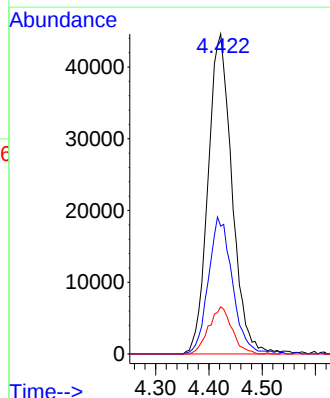
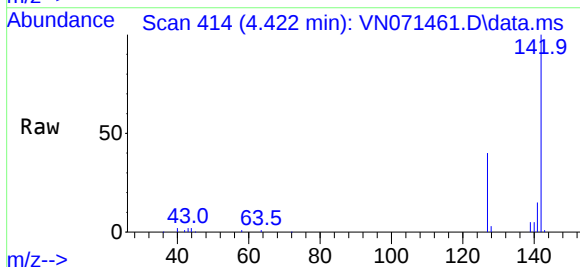
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

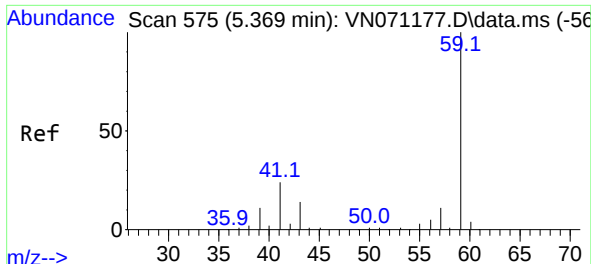
Tgt Ion:101 Resp: 110644
Ion Ratio Lower Upper
101 100
85 43.4 37.2 55.8
151 77.1 65.9 98.9



#10
Methyl Iodide
Concen: 18.698 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:142 Resp: 138998
Ion Ratio Lower Upper
142 100
127 43.1 35.4 53.0
141 14.3 11.6 17.4

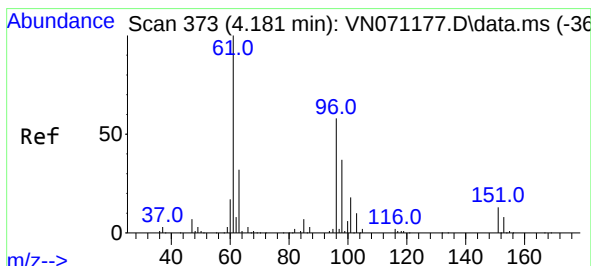
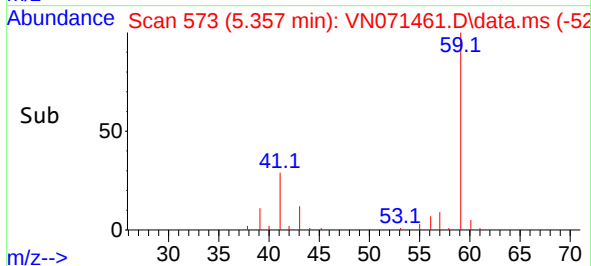
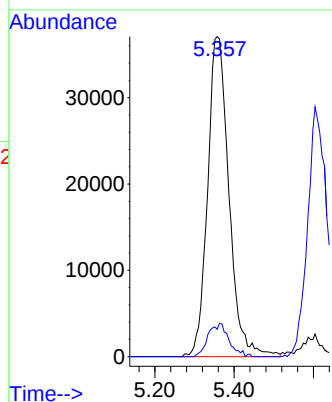
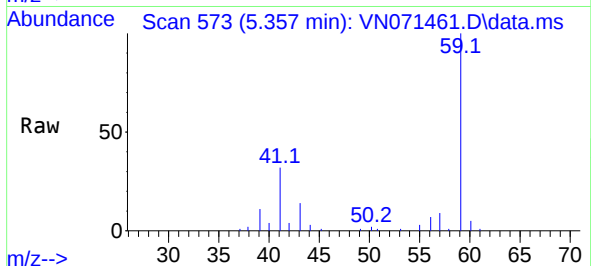




#11
Tert butyl alcohol
Concen: 100.154 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

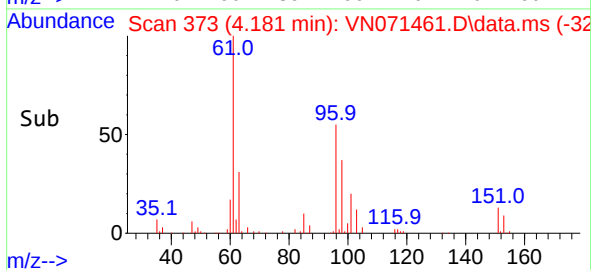
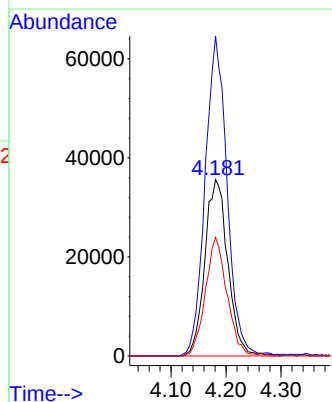
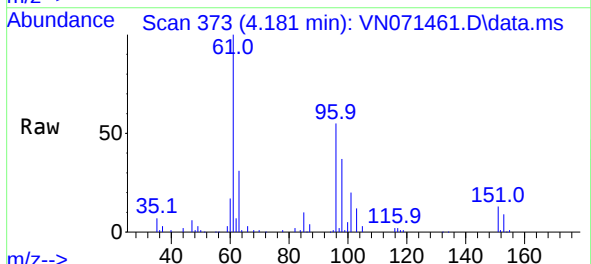
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

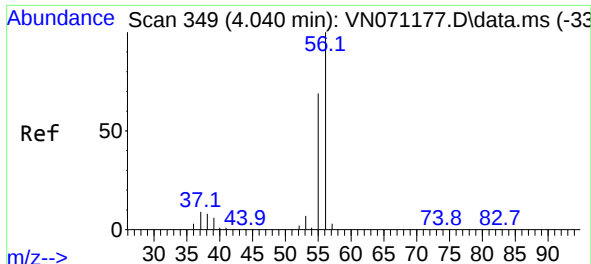
Tgt Ion: 59 Resp: 138680
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.055 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 96 Resp: 103401
Ion Ratio Lower Upper
96 100
61 181.4 131.0 196.6
98 67.3 52.4 78.6

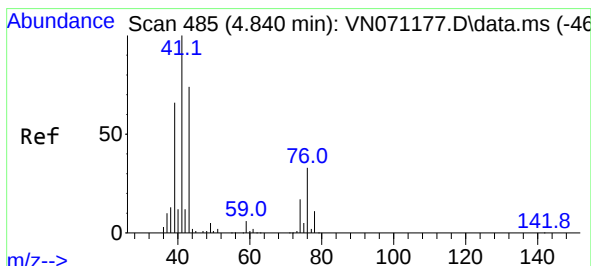
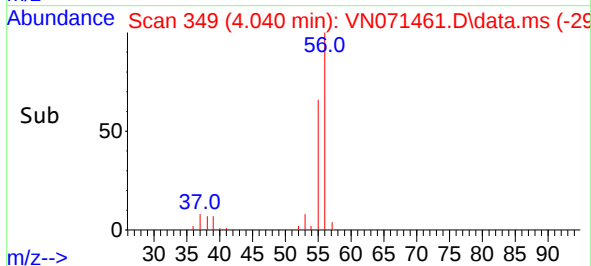
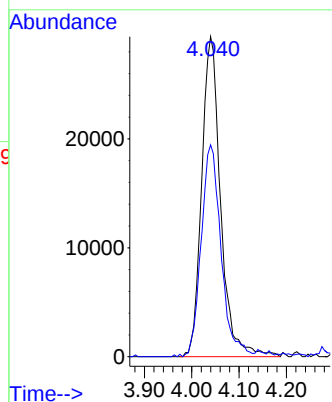
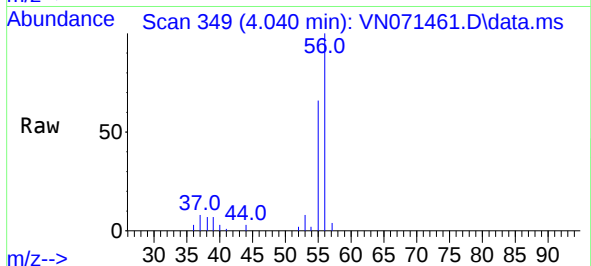




#13
Acrolein
Concen: 55.568 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

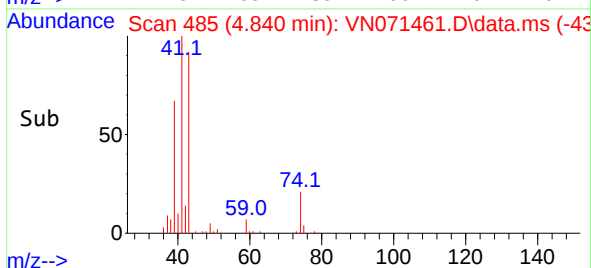
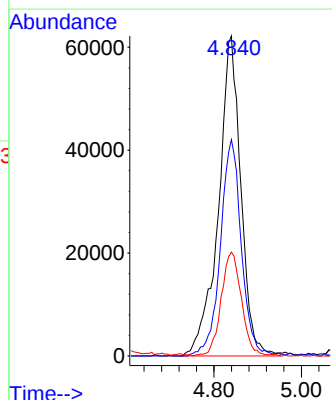
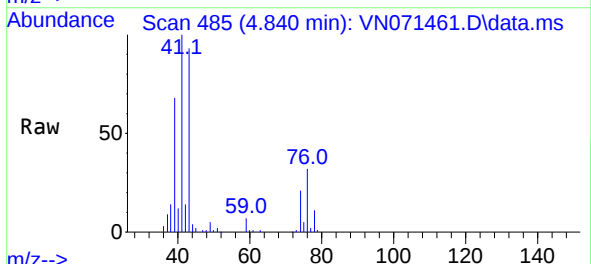
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

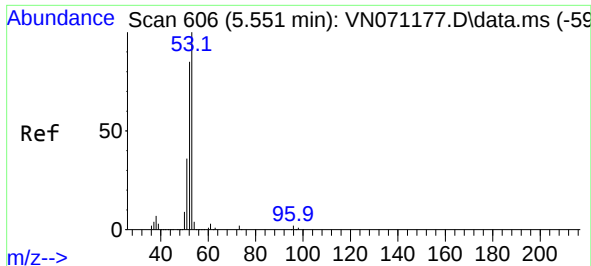
Tgt Ion: 56 Resp: 81440
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0



#14
Allyl chloride
Concen: 19.684 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 41 Resp: 220744
Ion Ratio Lower Upper
41 100
39 63.3 61.2 91.8
76 29.4 26.0 39.0

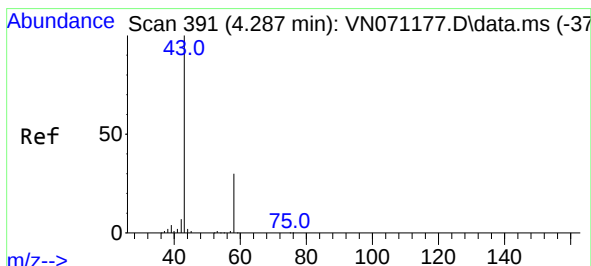
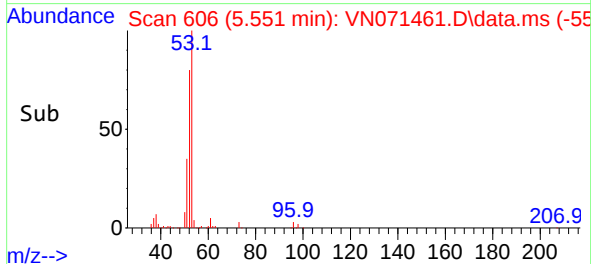
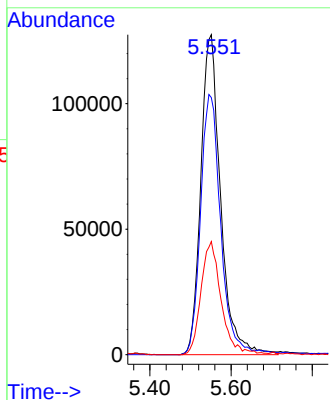
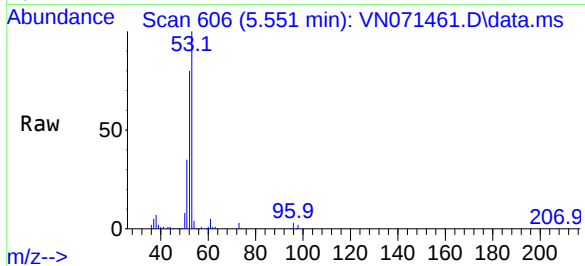




#15
Acrylonitrile
Concen: 104.724 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

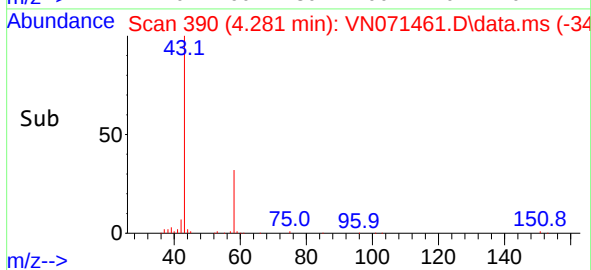
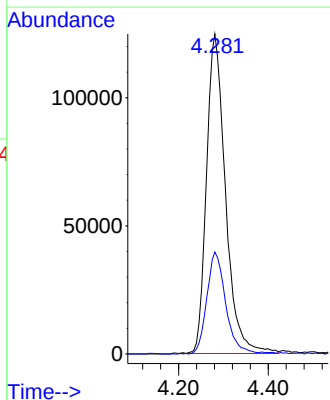
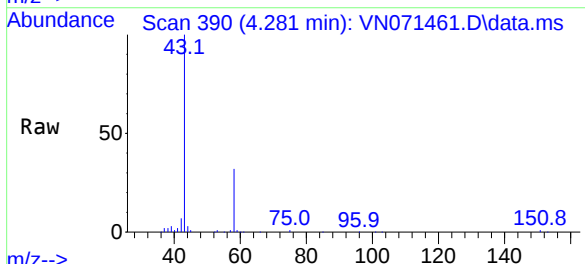
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

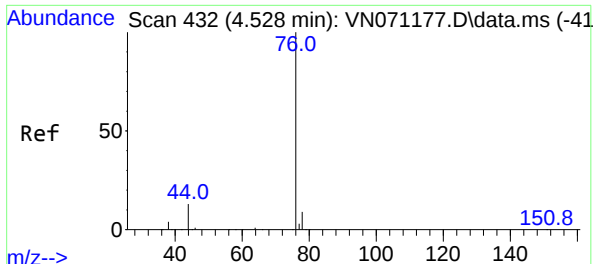
Tgt Ion: 53 Resp: 430575
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.2 29.6 44.4



#16
Acetone
Concen: 107.034 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 43 Resp: 367085
Ion Ratio Lower Upper
43 100
58 31.9 23.1 34.7

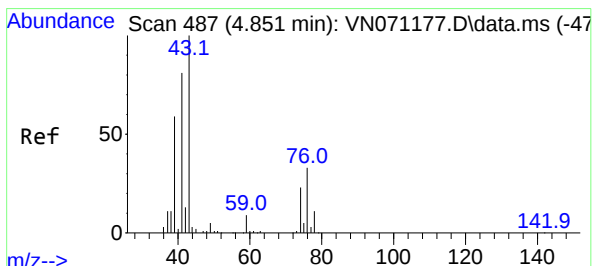
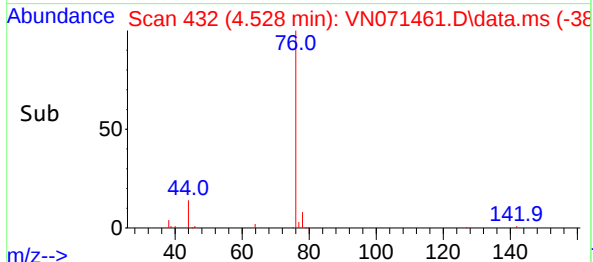
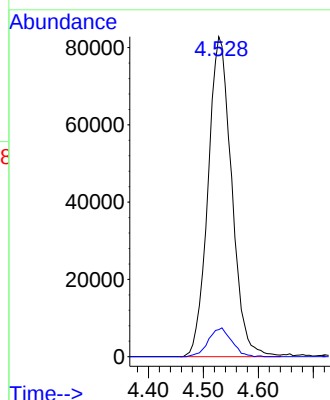
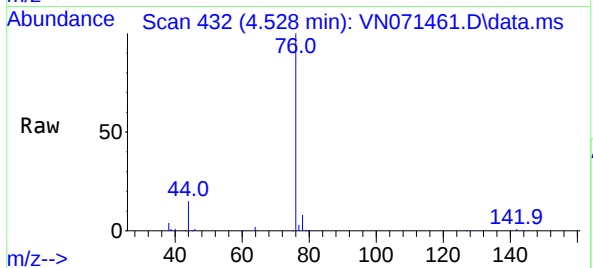




#17
Carbon Disulfide
Concen: 16.835 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

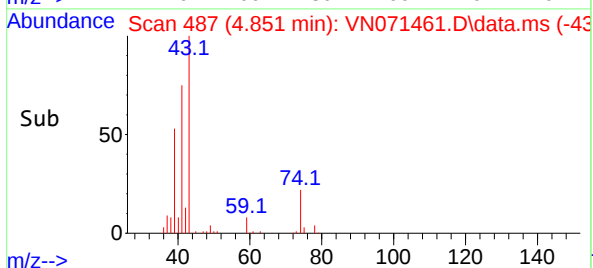
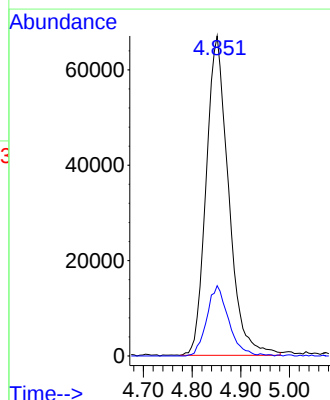
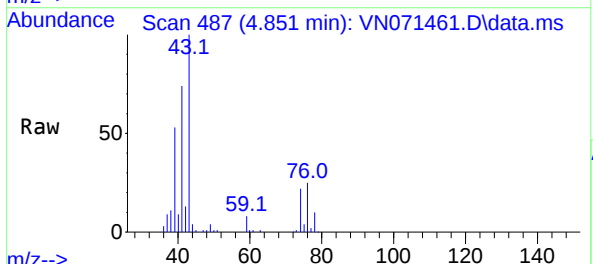
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

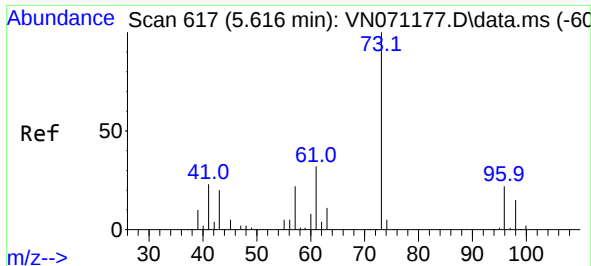
Tgt Ion: 76 Resp: 247120
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 23.451 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 43 Resp: 213684
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2

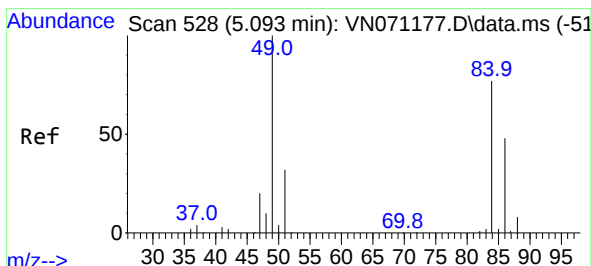
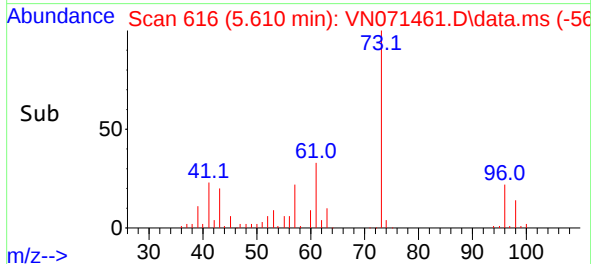
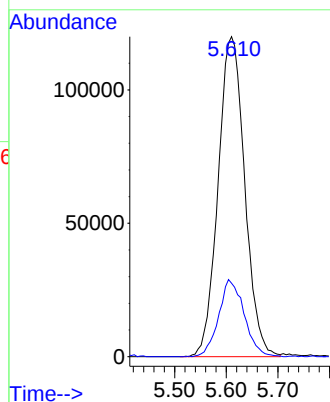
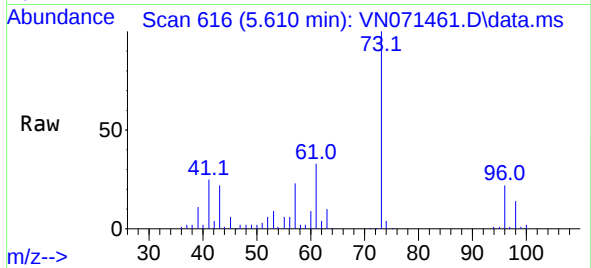




#19
Methyl tert-butyl Ether
Concen: 22.172 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

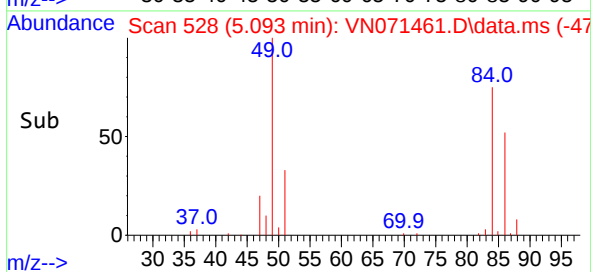
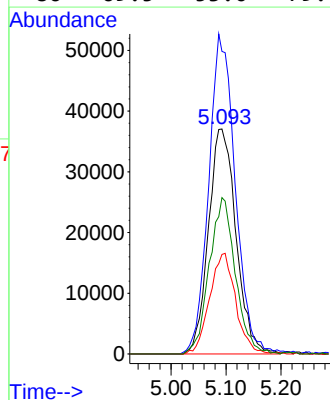
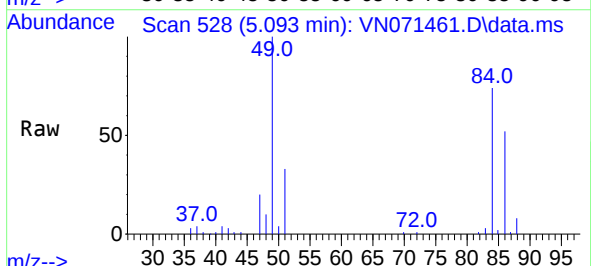
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

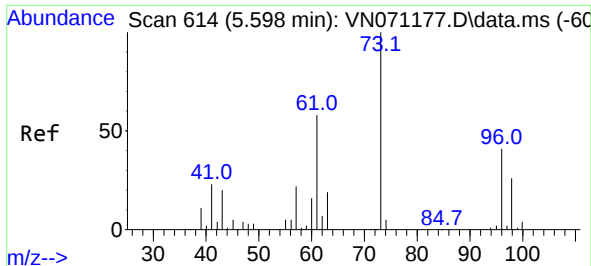
Tgt Ion: 73 Resp: 429209
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2



#20
Methylene Chloride
Concen: 20.850 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 84 Resp: 129289
Ion Ratio Lower Upper
84 100
49 134.5 93.5 140.3
51 44.2 29.4 44.2#
86 69.5 53.0 79.4

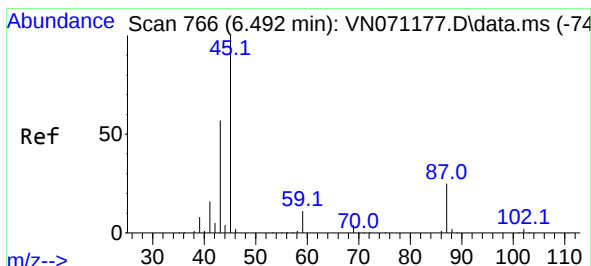
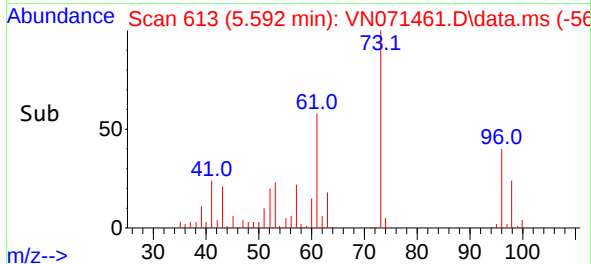
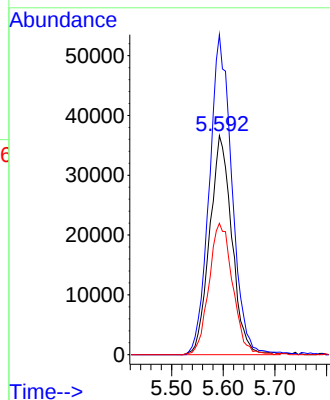
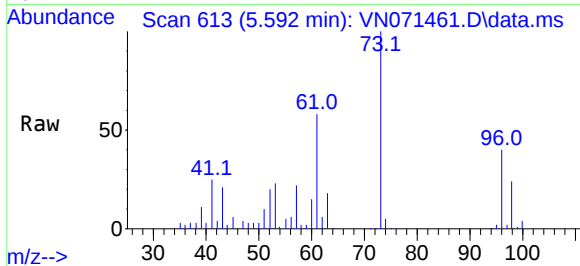




#21
trans-1,2-Dichloroethene
Concen: 19.448 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

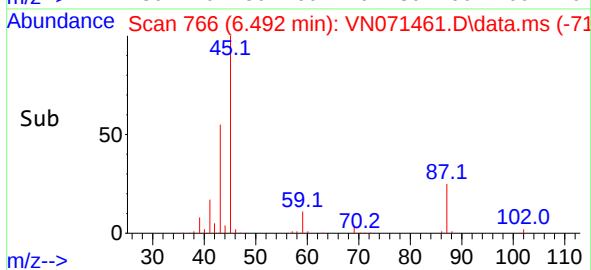
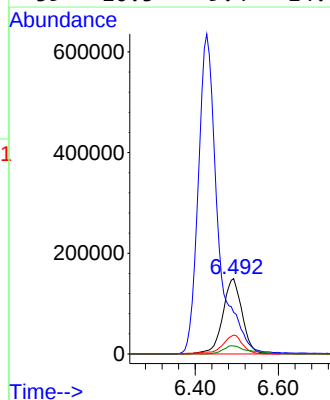
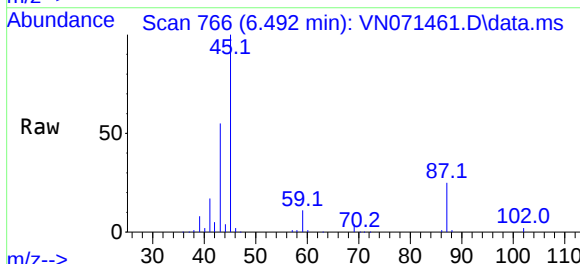
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

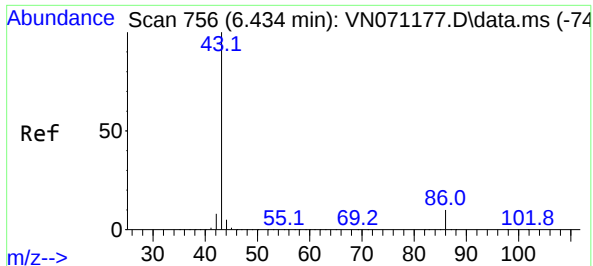
Tgt Ion: 96 Resp: 109680
Ion Ratio Lower Upper
96 100
61 146.1 105.8 158.6
98 60.0 52.0 78.0



#22
Diisopropyl ether
Concen: 21.938 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 45 Resp: 484667
Ion Ratio Lower Upper
45 100
43 54.3 51.7 77.5
87 24.9 23.2 34.8
59 10.5 9.4 14.0

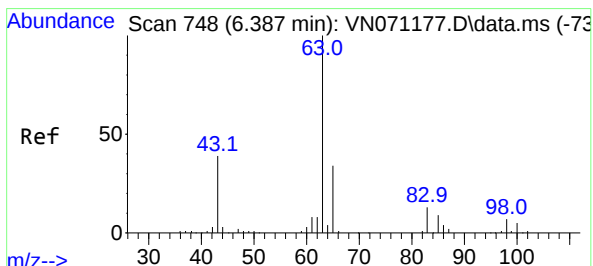
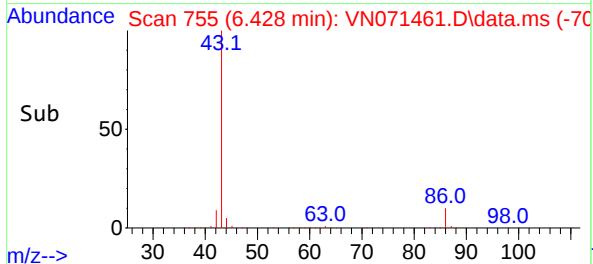
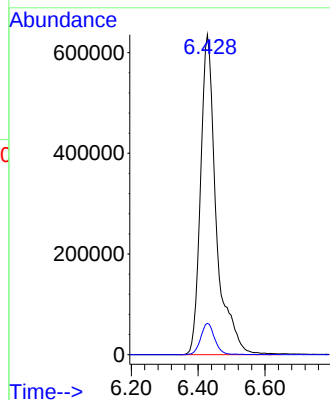
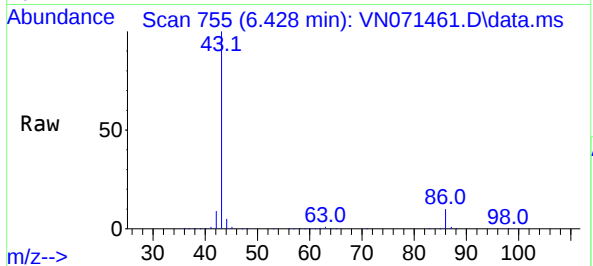




#23
 Vinyl Acetate
 Concen: 110.967 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071461.D
 Acq: 22 Mar 2022 12:31

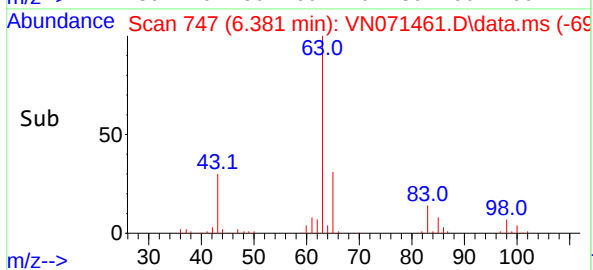
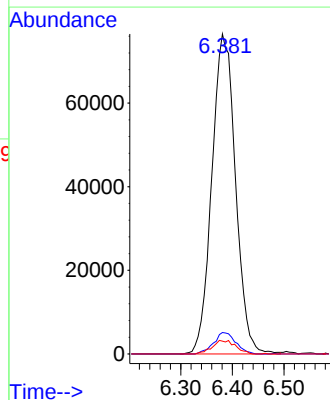
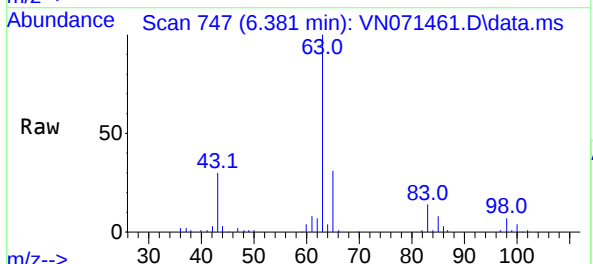
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

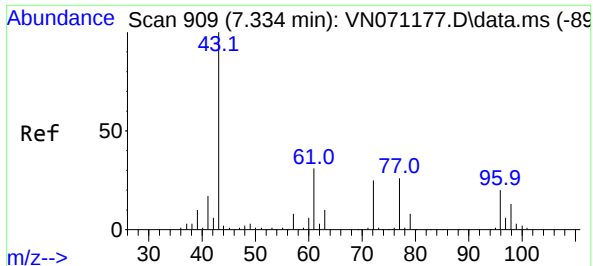
Tgt Ion: 43 Resp: 2075458
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.832 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071461.D
 Acq: 22 Mar 2022 12:31

Tgt Ion: 63 Resp: 243196
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.0 2.1 6.5

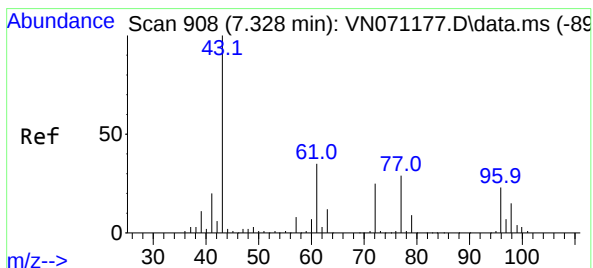
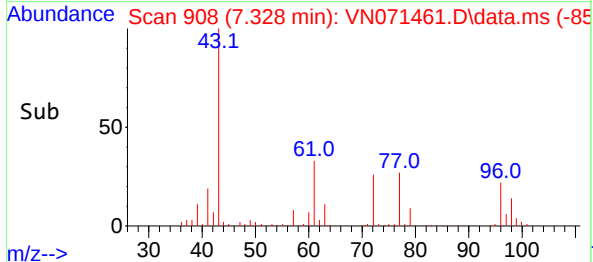
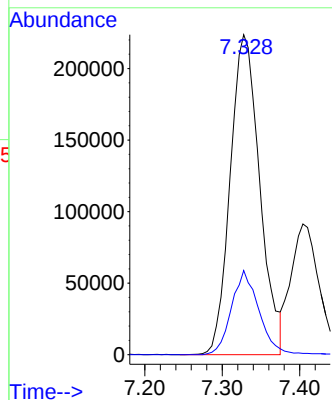
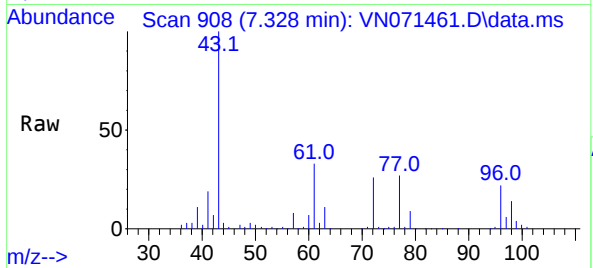




#25
2-Butanone
Concen: 107.432 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

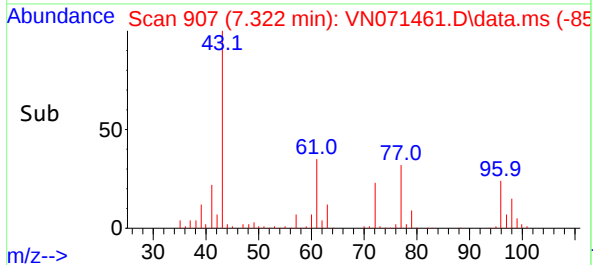
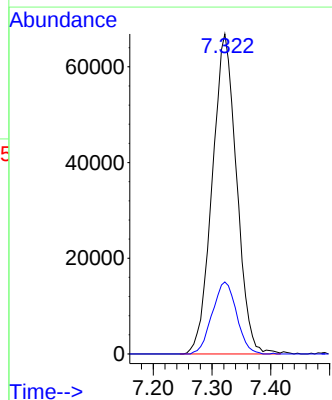
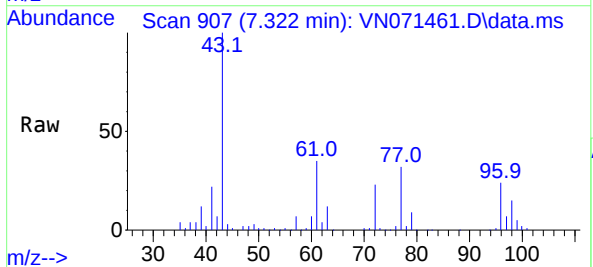
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

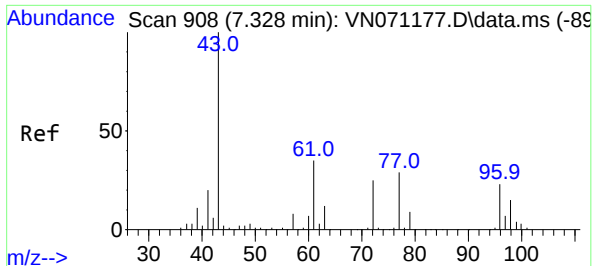
Tgt Ion: 43 Resp: 593531
Ion Ratio Lower Upper
43 100
72 26.3 21.7 32.5



#26
2,2-Dichloropropane
Concen: 21.347 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 77 Resp: 192257
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.470 ug/l

RT: 7.316 min Scan# 908

Delta R.T. -0.012 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBSD01

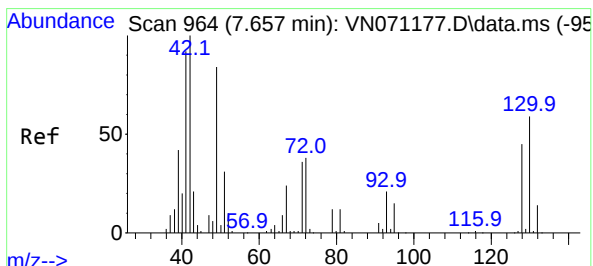
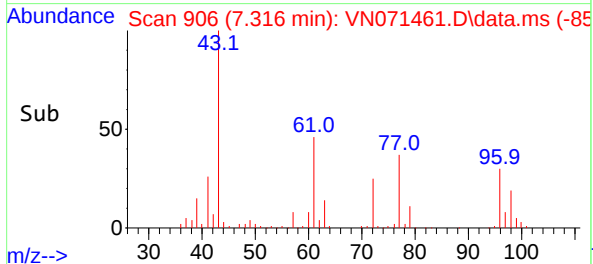
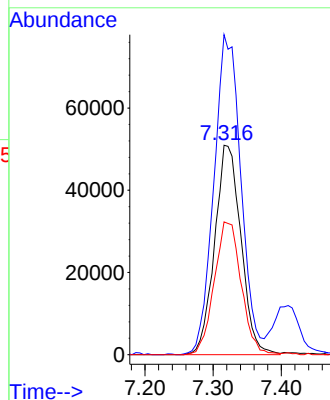
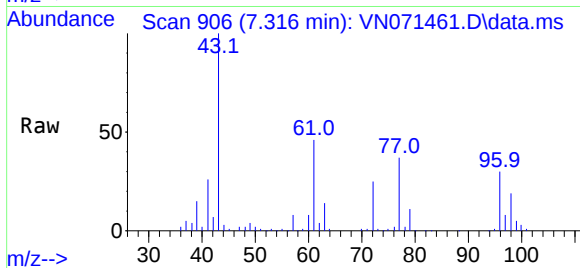
Tgt Ion: 96 Resp: 137017

Ion Ratio Lower Upper

96 100

61 157.2 0.0 275.0

98 64.9 0.0 129.6



#28

Bromochloromethane

Concen: 22.441 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

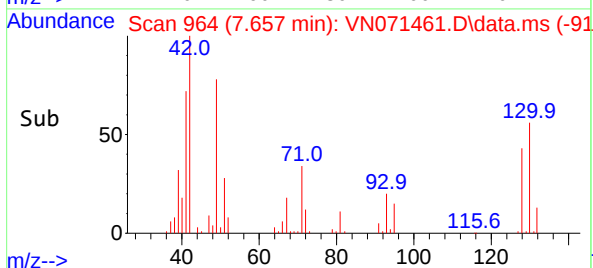
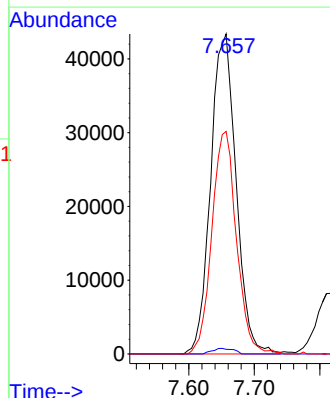
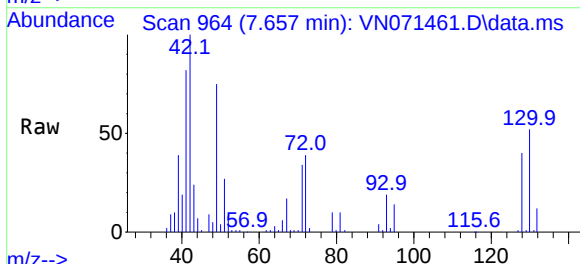
Tgt Ion: 49 Resp: 116665

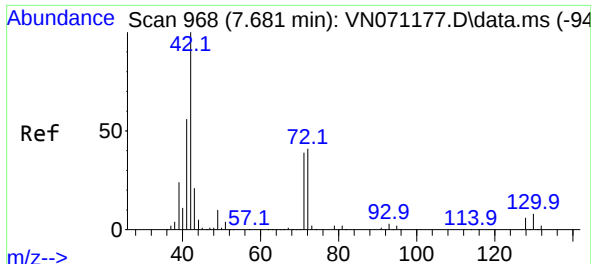
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 67.2 67.8 101.8#

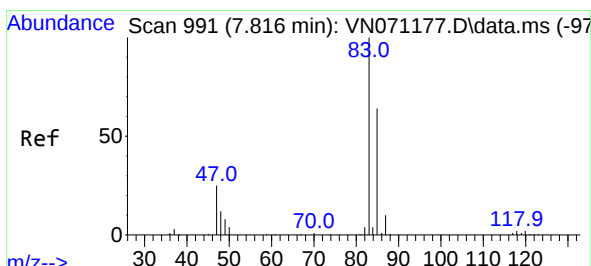
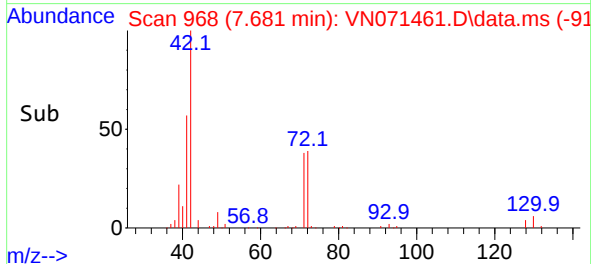
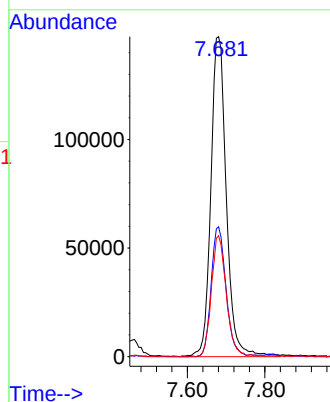
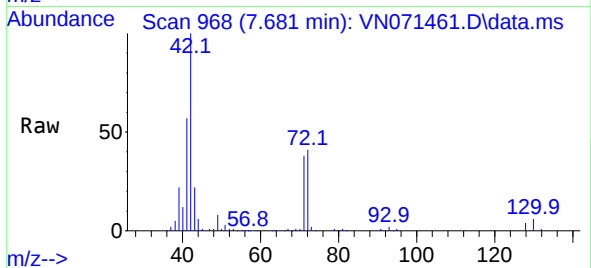




#29
Tetrahydrofuran
Concen: 106.858 ug/l
RT: 7.681 min Scan# 901
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

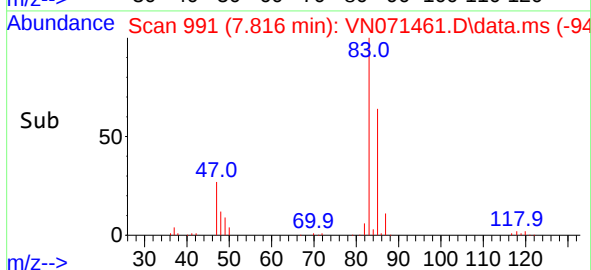
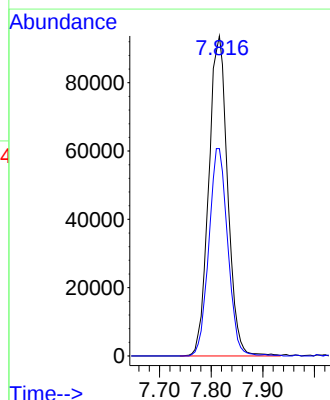
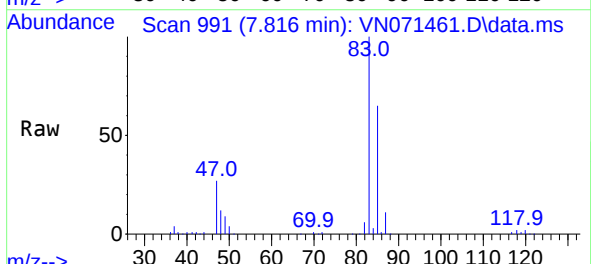
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

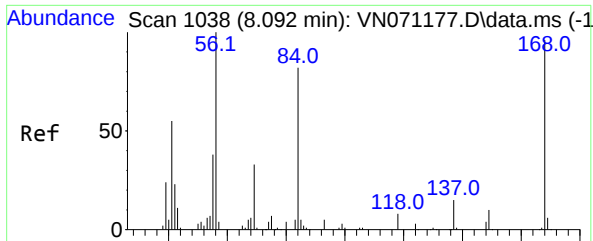
Tgt Ion: 42 Resp: 408988
Ion Ratio Lower Upper
42 100
72 38.7 36.3 54.5
71 36.2 34.7 52.1



#30
Chloroform
Concen: 21.348 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

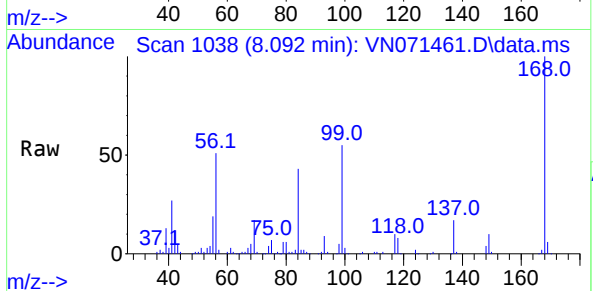
Tgt Ion: 83 Resp: 237699
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9



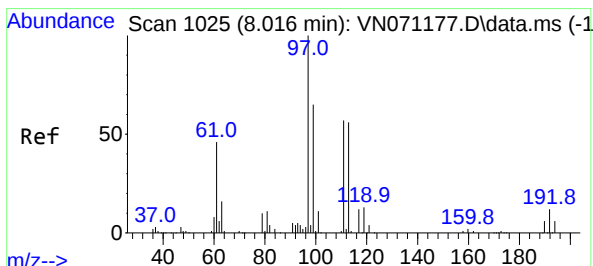
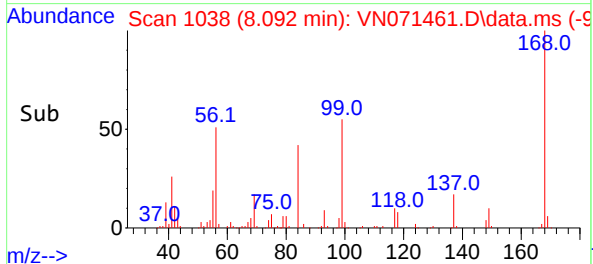
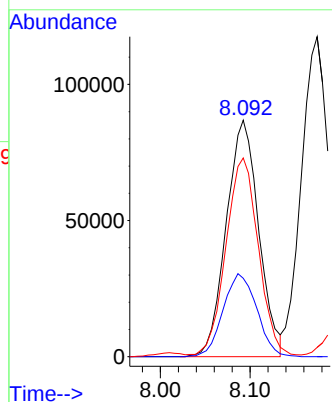


#31
Cyclohexane
Concen: 19.381 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

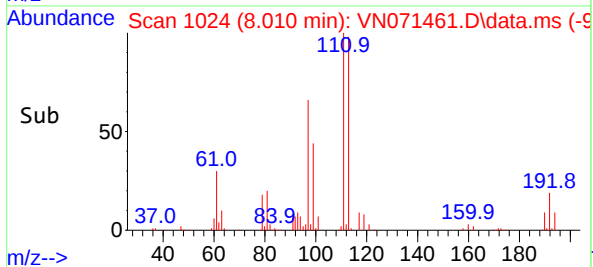
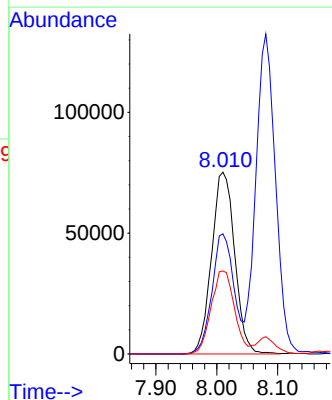
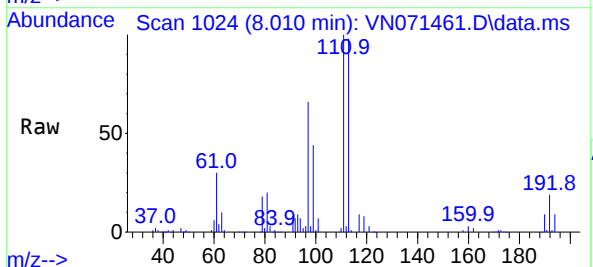


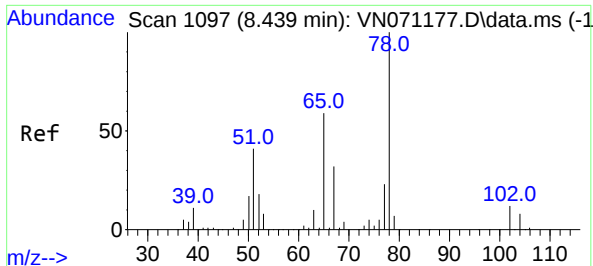
Tgt Ion: 56 Resp: 218149
Ion Ratio Lower Upper
56 100
69 33.1 27.1 40.7
84 82.8 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 20.913 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 97 Resp: 198346
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 45.9 35.2 52.8

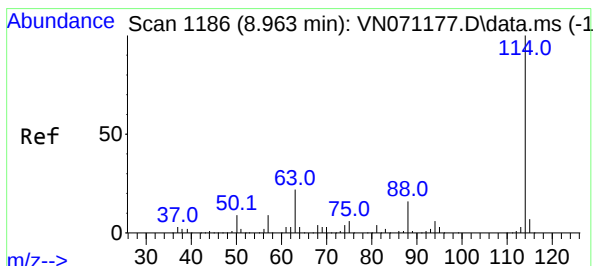
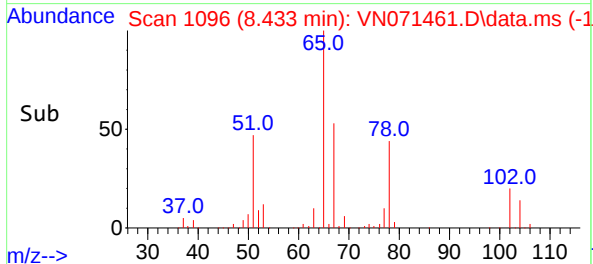
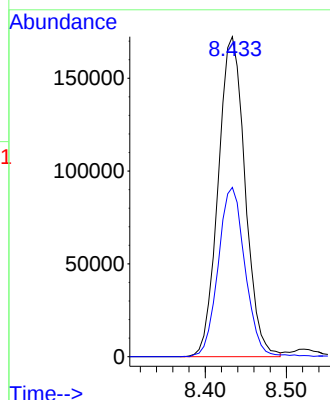
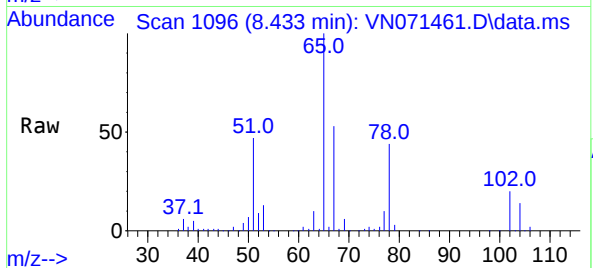




#33
1,2-Dichloroethane-d4
Concen: 56.322 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

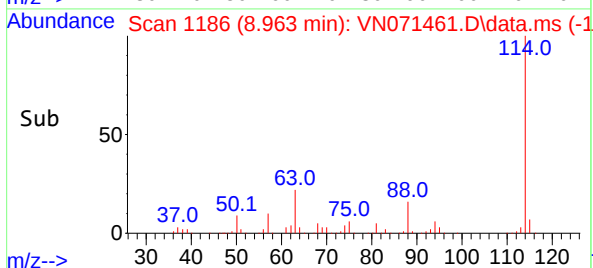
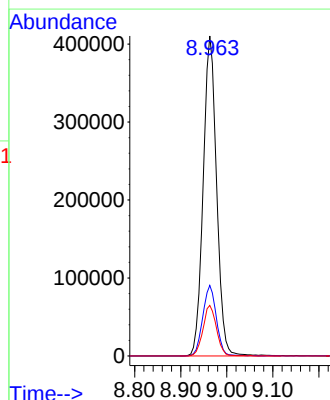
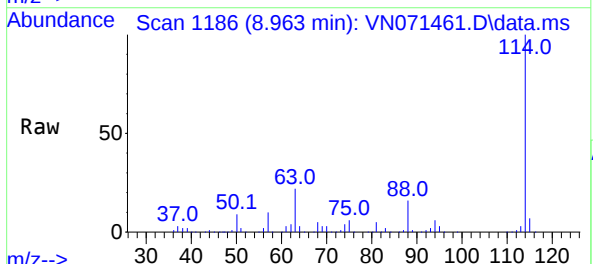
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

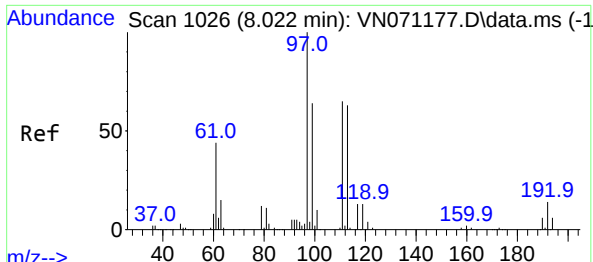
Tgt Ion: 65 Resp: 396994
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 114 Resp: 835834
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.8 0.0 27.4

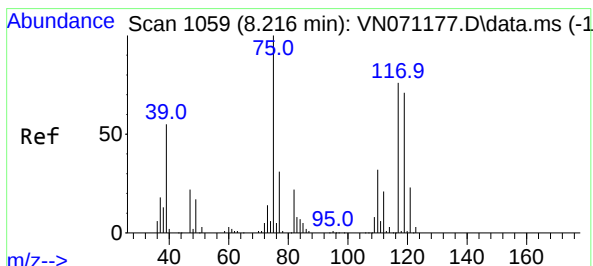
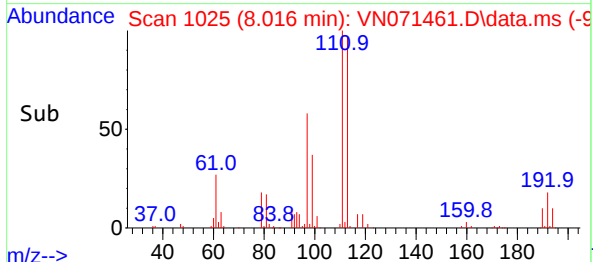
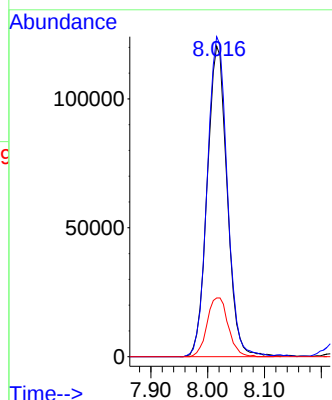
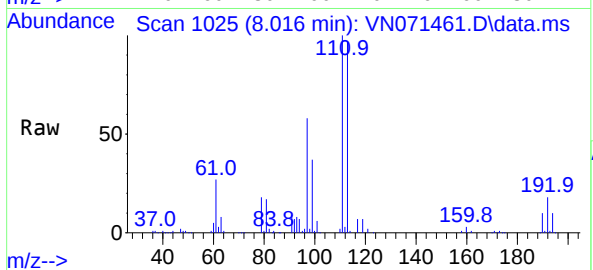




#35
Dibromofluoromethane
Concen: 55.571 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

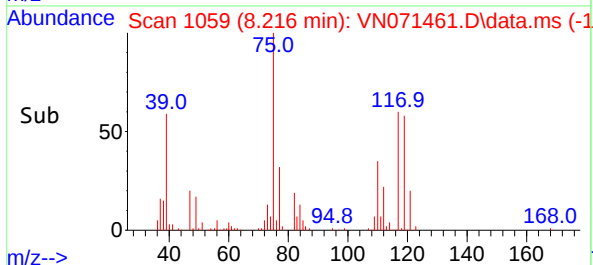
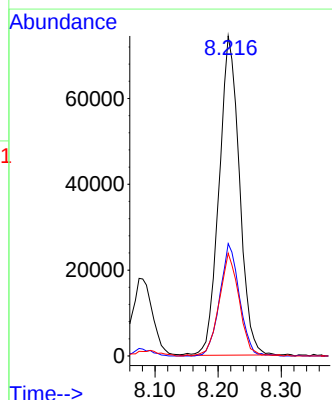
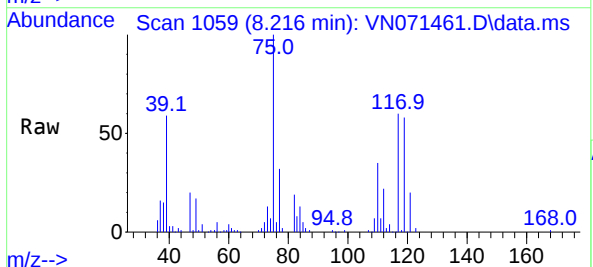
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

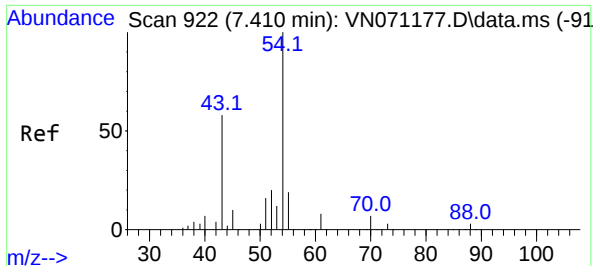
Tgt Ion:113 Resp: 293102
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.674 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 75 Resp: 166263
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 31.6 24.4 36.6

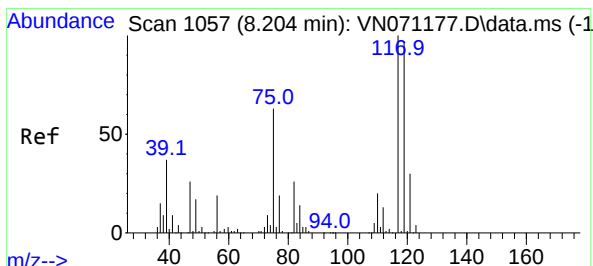
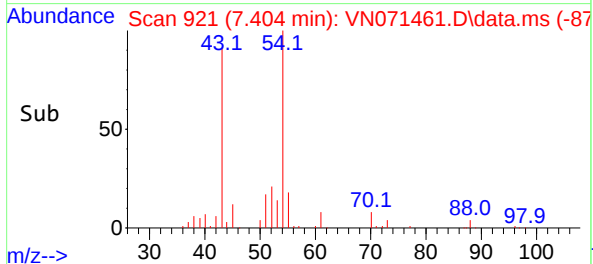
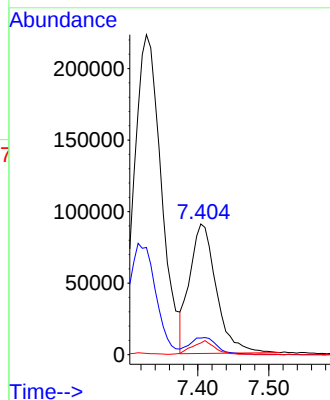
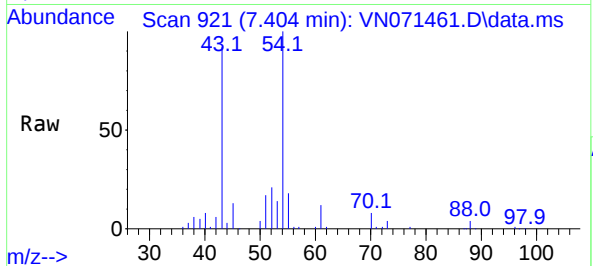




#37
Ethyl Acetate
Concen: 20.302 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

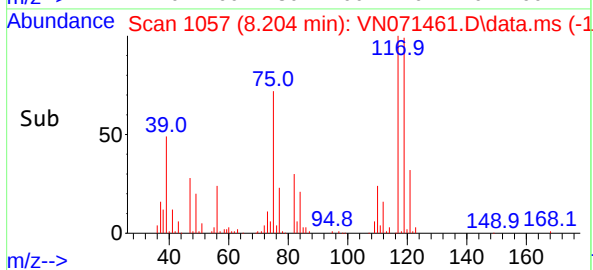
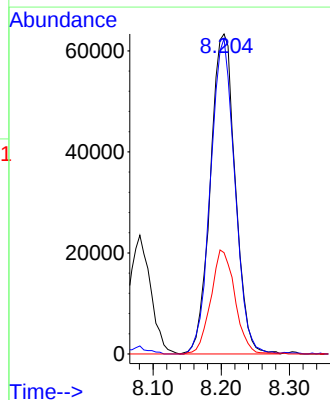
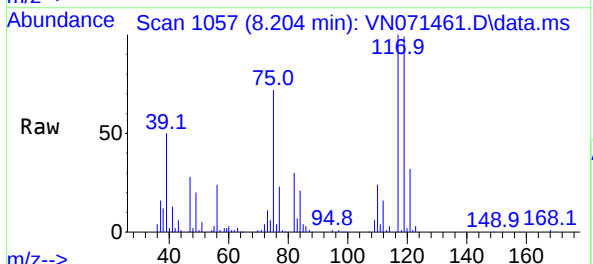
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

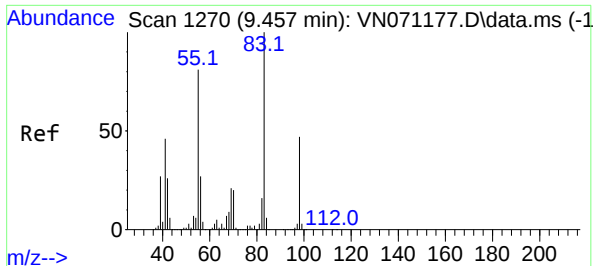
Tgt Ion: 43 Resp: 236119
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.658 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 117 Resp: 160683
Ion Ratio Lower Upper
117 100
119 98.6 76.1 114.1
121 31.7 24.2 36.2

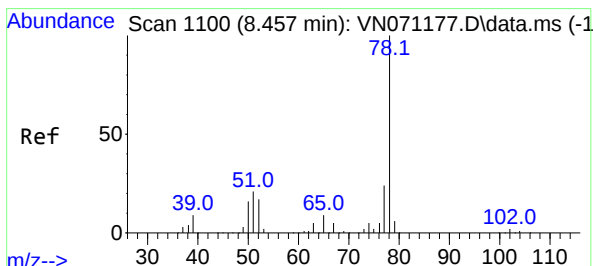
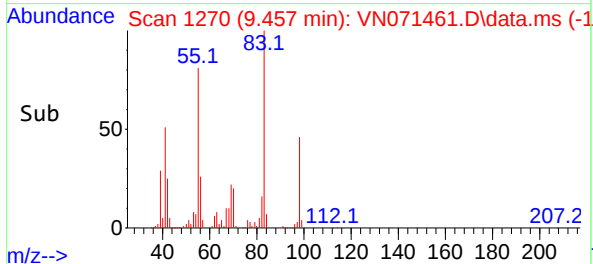
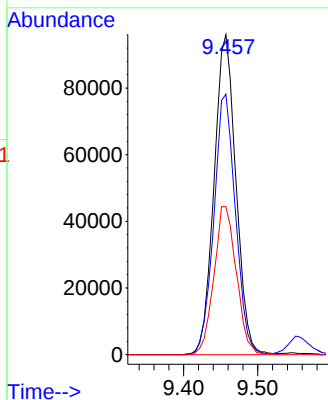
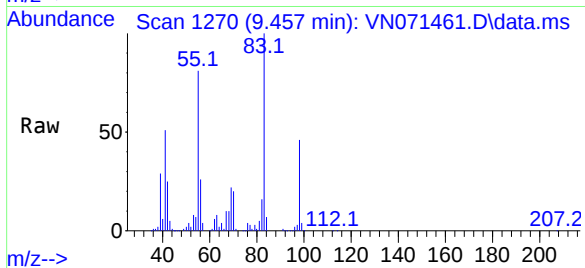




#39
Methylcyclohexane
Concen: 19.792 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

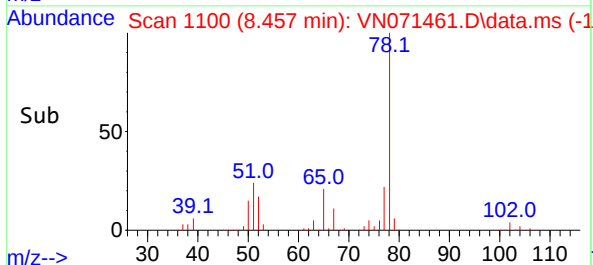
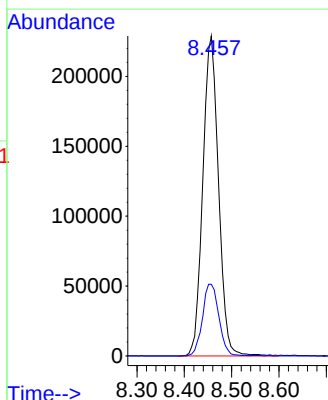
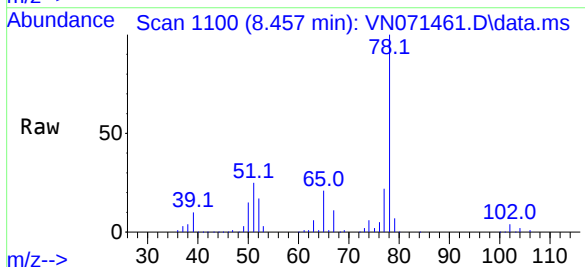
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

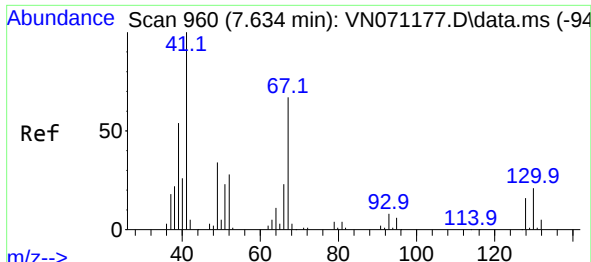
Tgt Ion: 83 Resp: 196767
Ion Ratio Lower Upper
83 100
55 81.4 58.1 87.1
98 46.2 38.4 57.6



#40
Benzene
Concen: 20.674 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 78 Resp: 526402
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8



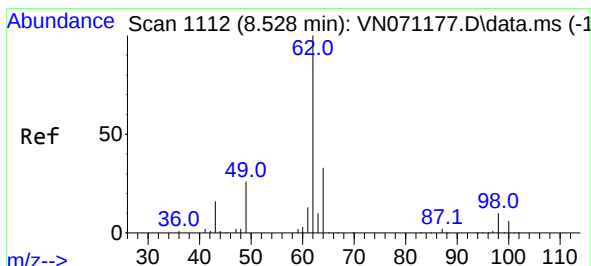
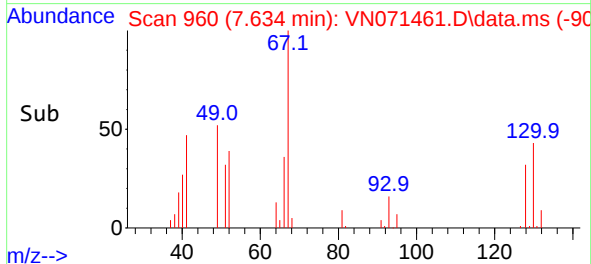
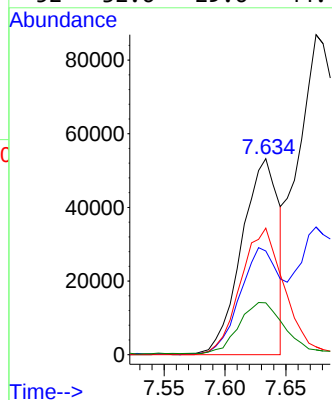
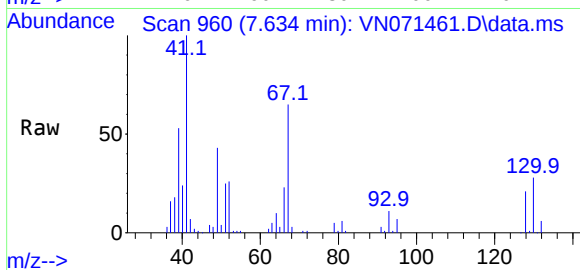


#41
Methacrylonitrile
Concen: 19.804 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

Tgt Ion: 41 Resp: 112719

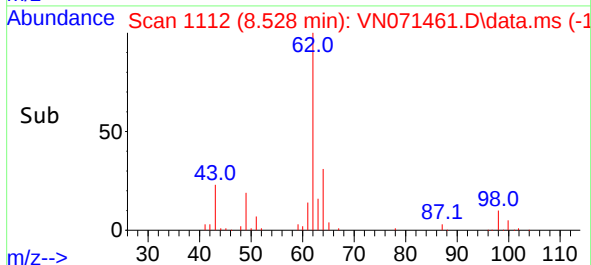
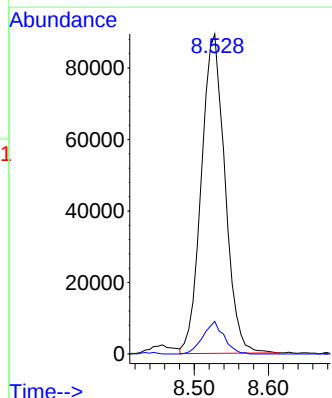
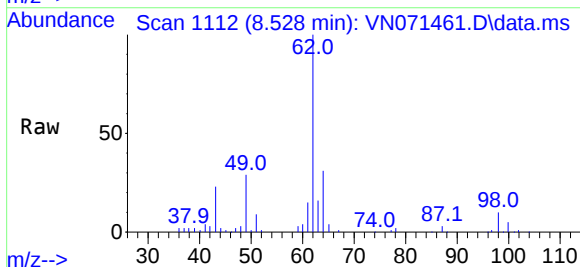
Ion	Ratio	Lower	Upper
41	100		
39	61.9	48.1	72.1
67	77.1	68.3	102.5
52	32.6	29.6	44.4

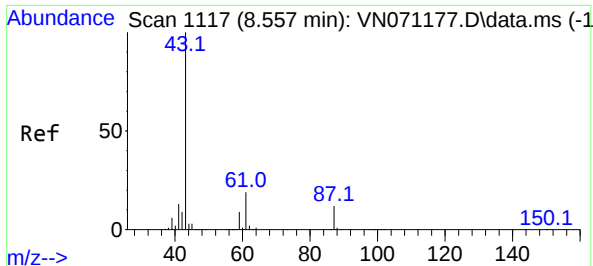


#42
1,2-Dichloroethane
Concen: 22.297 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 62 Resp: 197557

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6

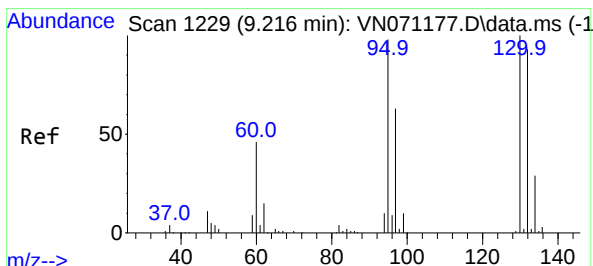
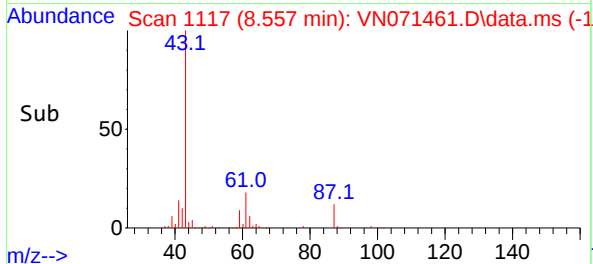
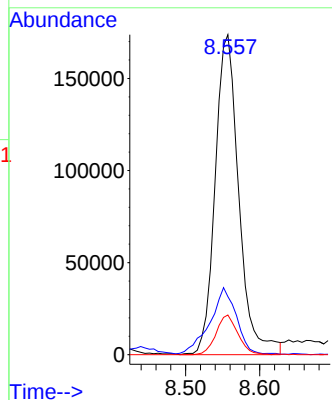
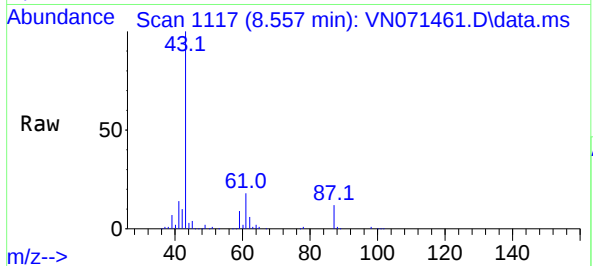




#43
Isopropyl Acetate
Concen: 22.190 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

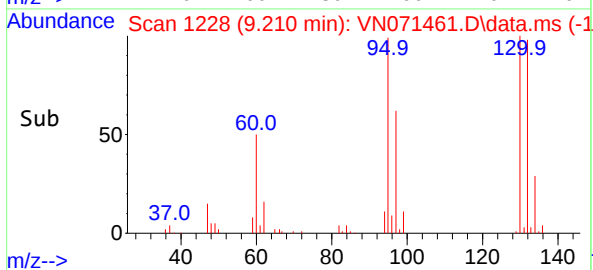
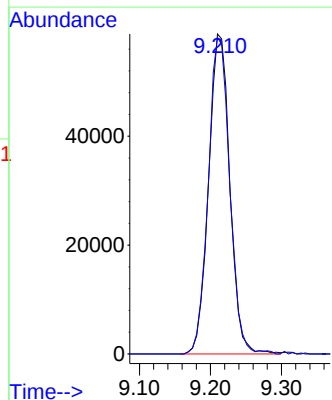
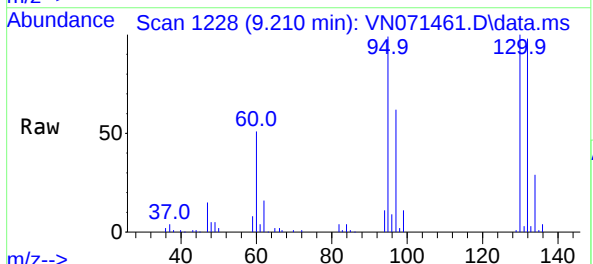
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

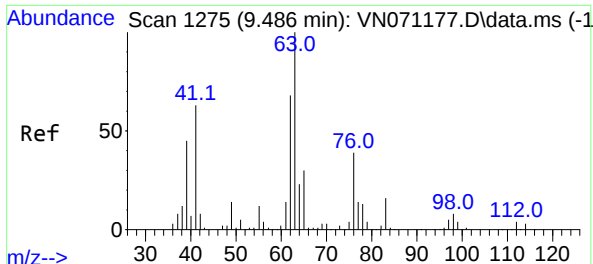
Tgt Ion: 43 Resp: 385935
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 11.4 11.2 16.8



#44
Trichloroethene
Concen: 20.311 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:130 Resp: 122022
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.2

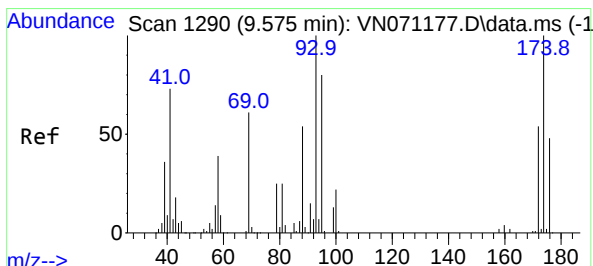
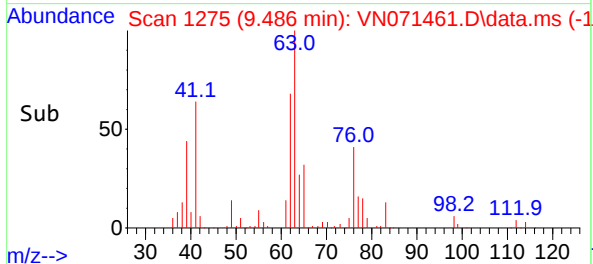
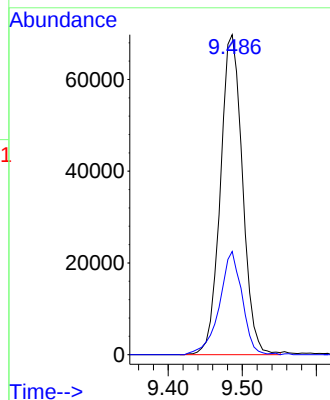
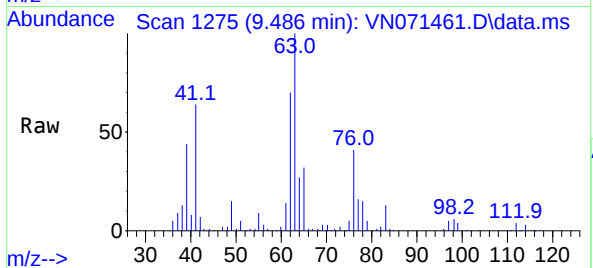




#45
1,2-Dichloropropane
Concen: 21.129 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

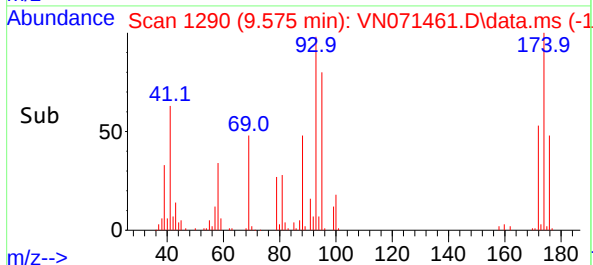
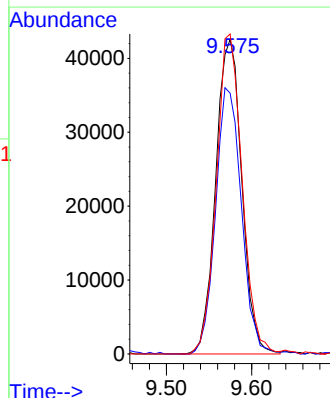
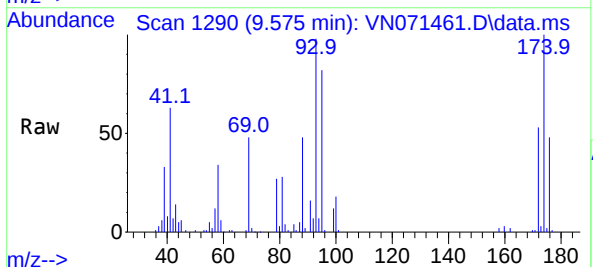
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

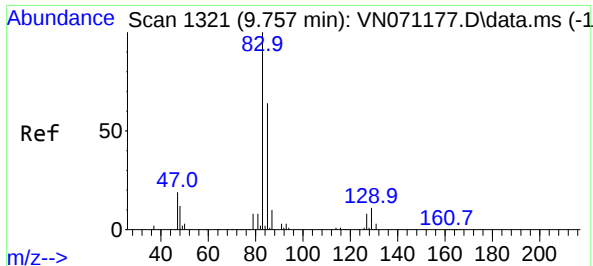
Tgt Ion: 63 Resp: 144415
Ion Ratio Lower Upper
63 100
65 32.2 24.7 37.1



#46
Dibromomethane
Concen: 21.467 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 93 Resp: 90307
Ion Ratio Lower Upper
93 100
95 84.4 65.9 98.9
174 100.5 84.6 127.0

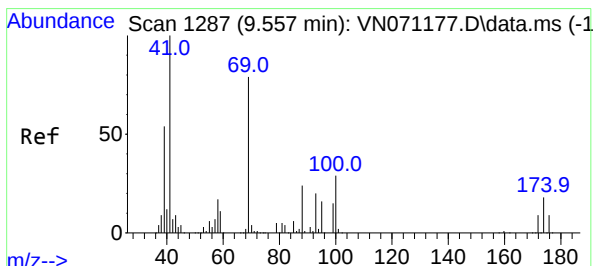
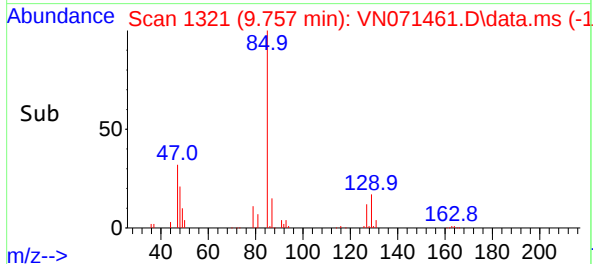
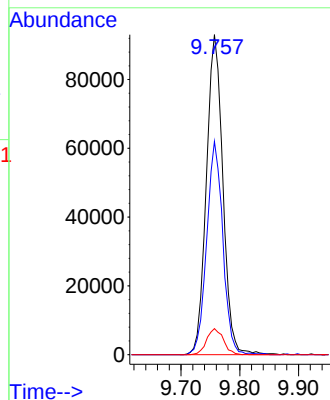
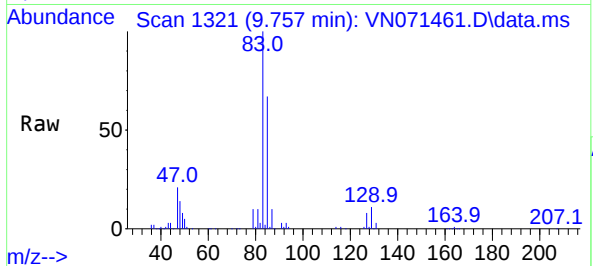




#47
Bromodichloromethane
Concen: 21.314 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

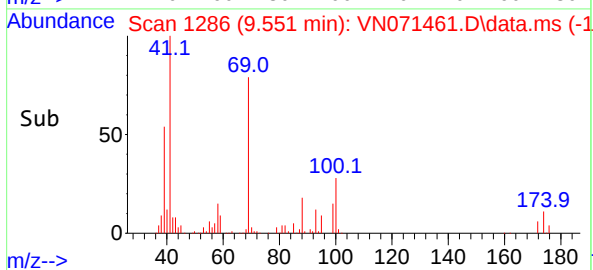
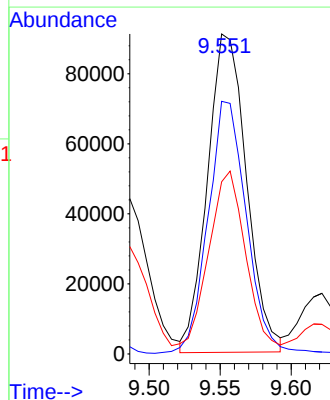
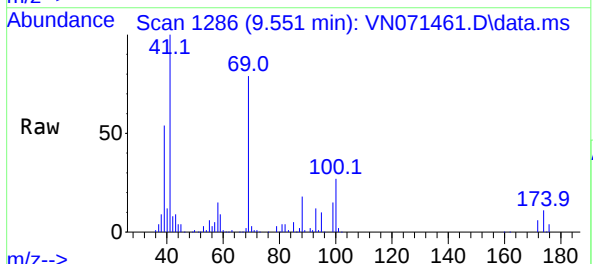
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

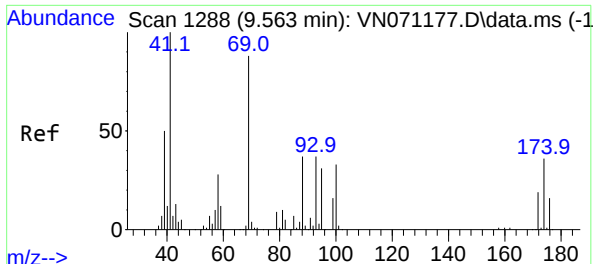
Tgt Ion: 83 Resp: 181206
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 21.561 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 41 Resp: 173775
Ion Ratio Lower Upper
41 100
69 78.0 72.4 108.6
39 55.5 58.4 87.6#

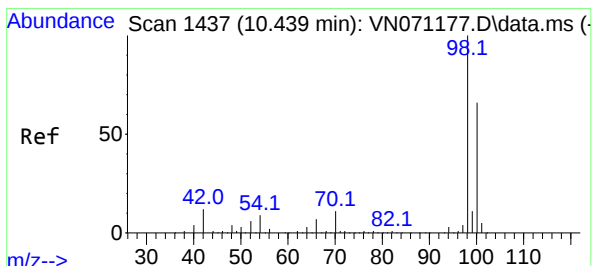
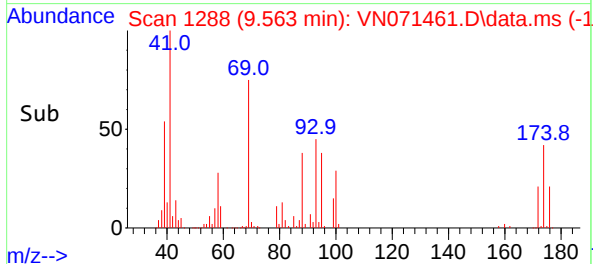
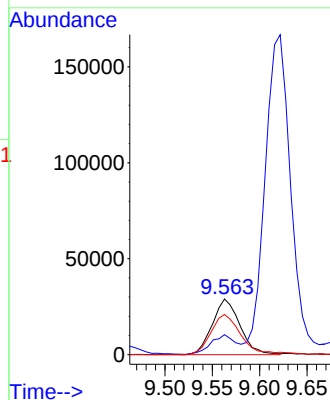
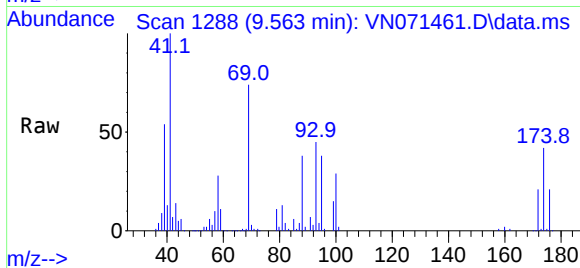




#49
1,4-Dioxane
Concen: 418.353 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

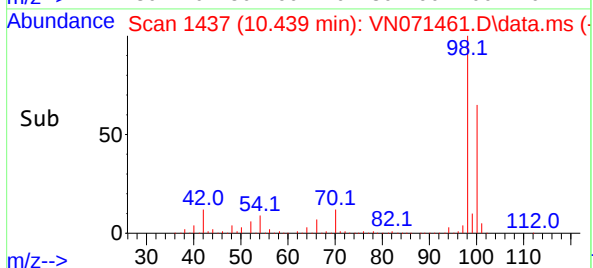
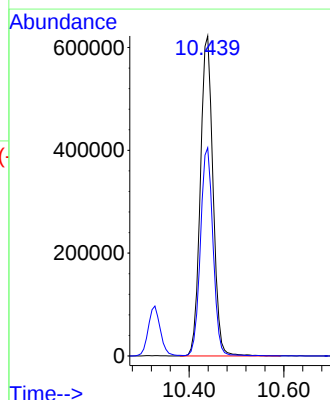
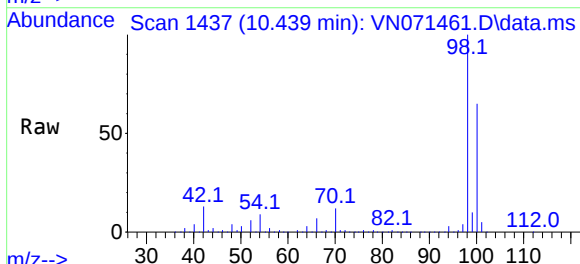
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

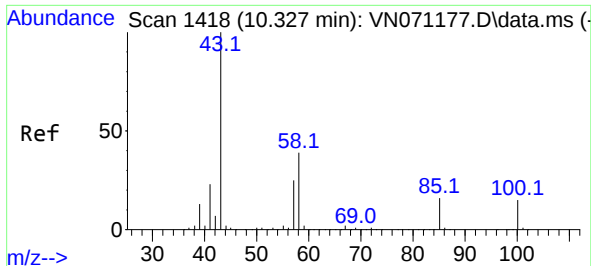
Tgt Ion: 88 Resp: 58610
Ion Ratio Lower Upper
88 100
43 31.9 23.4 35.2
58 80.0 50.6 75.8#



#50
Toluene-d8
Concen: 54.124 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 98 Resp: 1149387
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 110.320 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

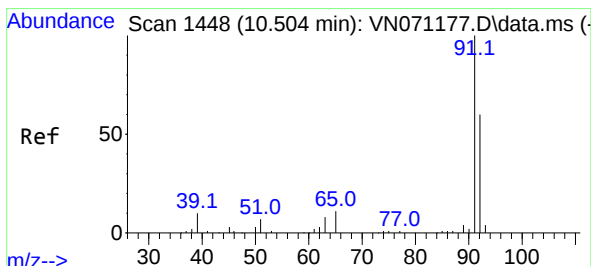
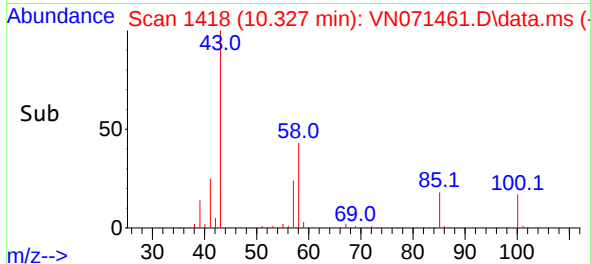
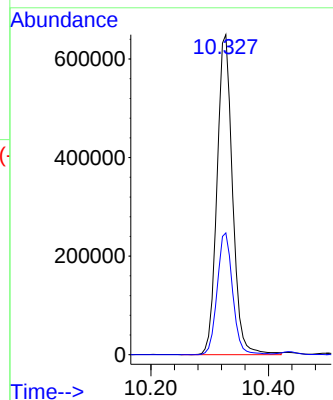
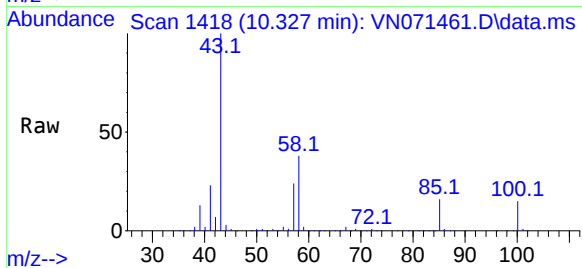
VN0322WBSD01

Tgt Ion: 43 Resp: 1190749

Ion Ratio Lower Upper

43 100

58 37.9 30.4 45.6



#52

Toluene

Concen: 20.758 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN071461.D

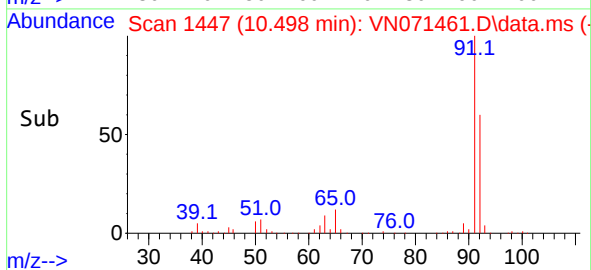
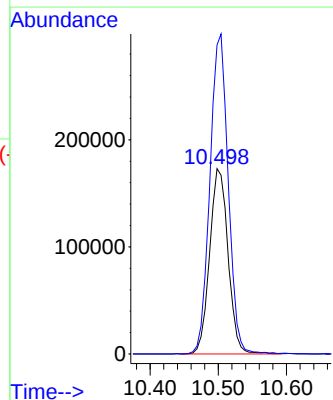
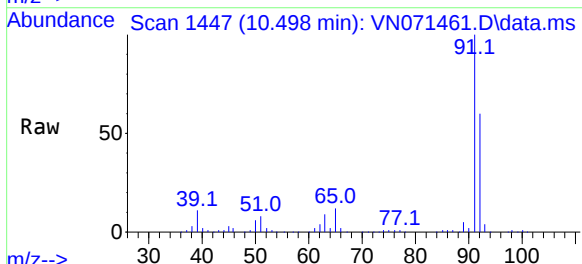
Acq: 22 Mar 2022 12:31

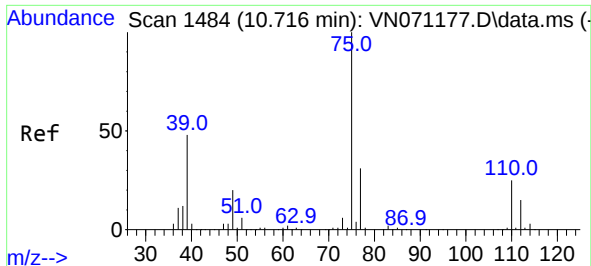
Tgt Ion: 92 Resp: 325454

Ion Ratio Lower Upper

92 100

91 171.7 142.0 213.0

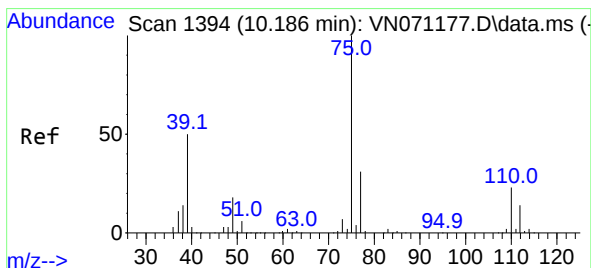
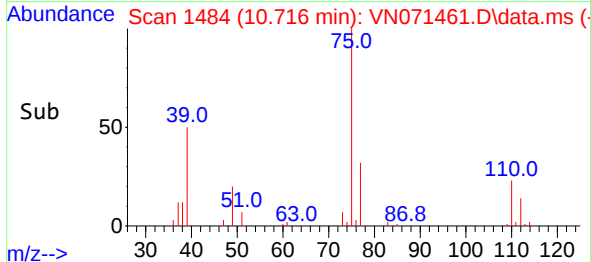
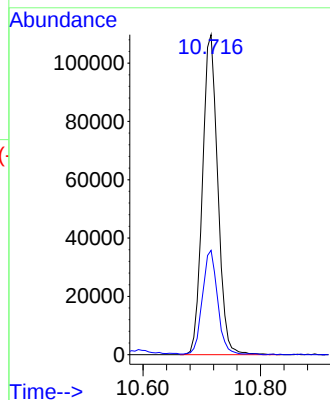
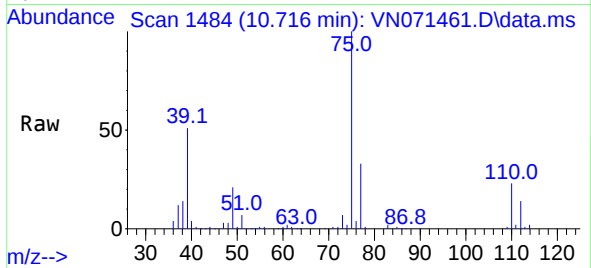




#53
t-1,3-Dichloropropene
Concen: 21.191 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

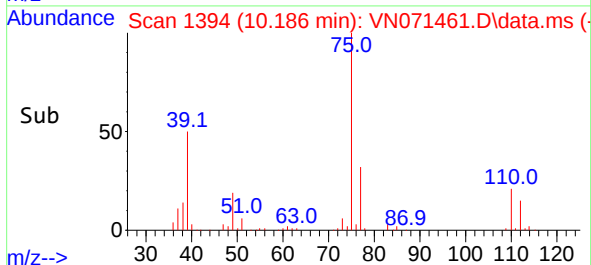
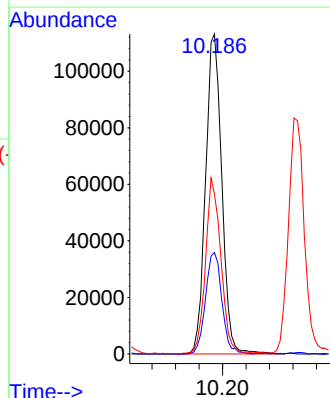
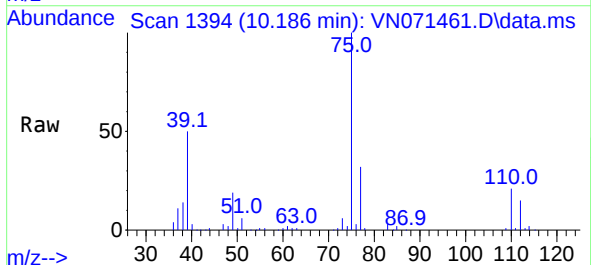
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

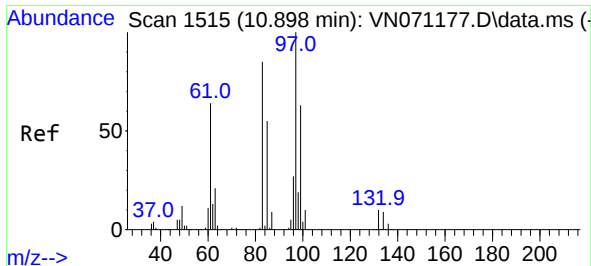
Tgt Ion: 75 Resp: 198591
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.124 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 75 Resp: 216306
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 50.0 42.5 63.7



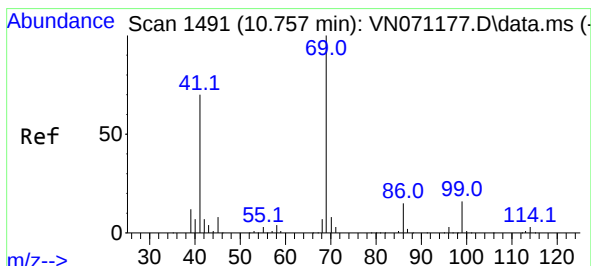
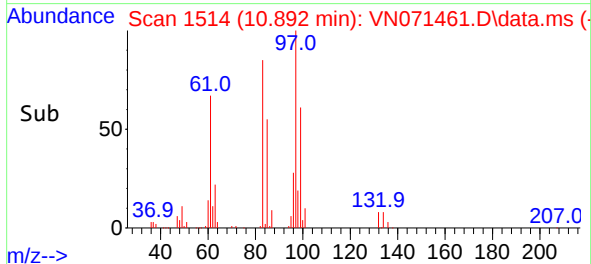
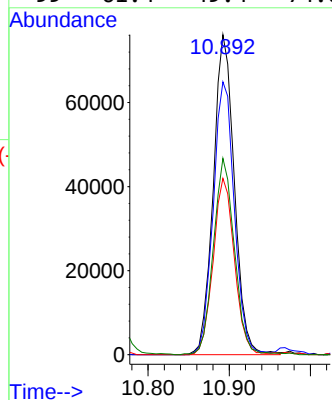
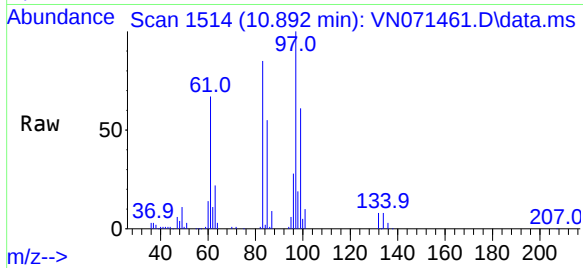


#55
1,1,2-Trichloroethane
Concen: 21.788 ug/l
RT: 10.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

Tgt Ion: 97 Resp: 136887

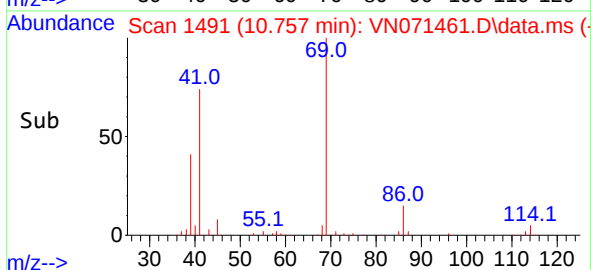
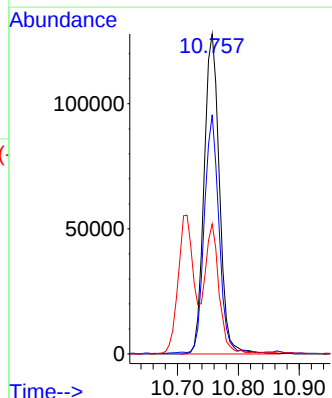
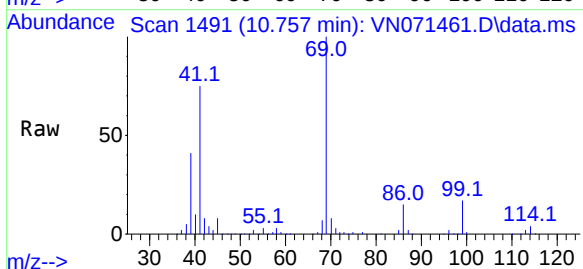
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.6
85	55.1	45.4	68.2
99	61.4	49.4	74.0

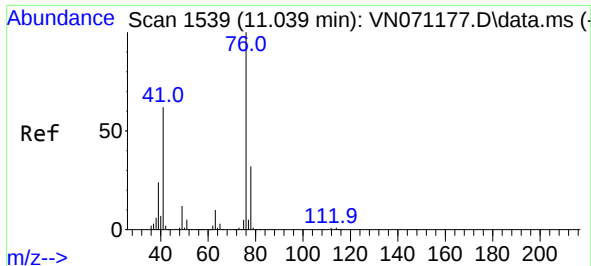


#56
Ethyl methacrylate
Concen: 21.739 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 69 Resp: 223037

Ion	Ratio	Lower	Upper
69	100		
41	72.5	51.4	77.0
39	37.6	34.6	52.0





#57

1,3-Dichloropropane

Concen: 21.768 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

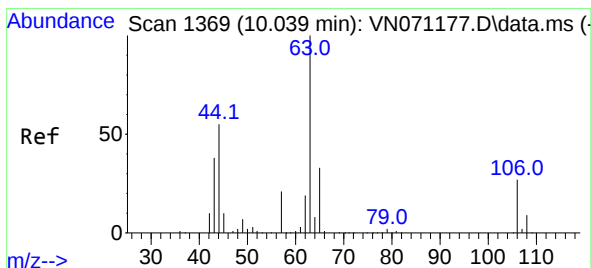
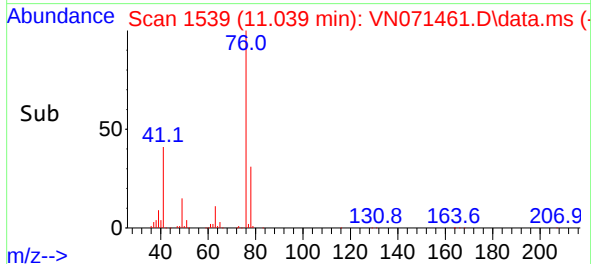
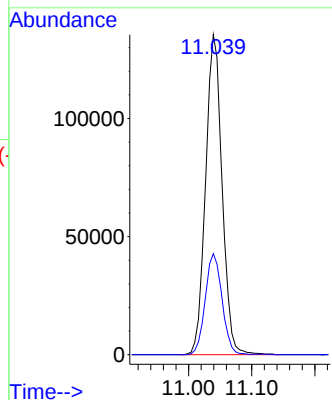
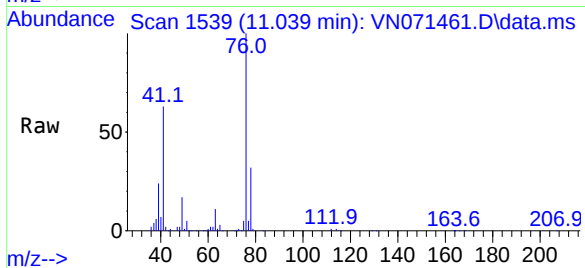
VN0322WBSD01

Tgt Ion: 76 Resp: 245473

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 128.708 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN071461.D

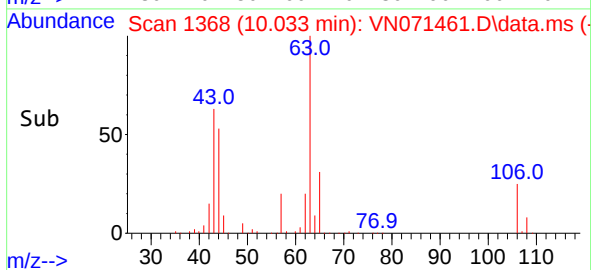
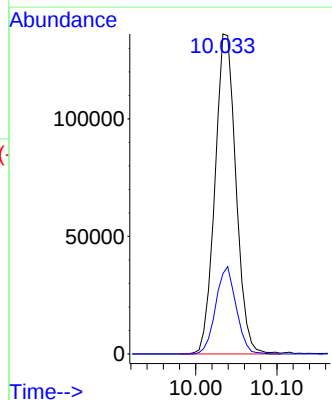
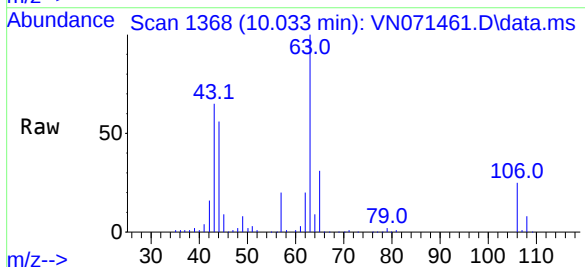
Acq: 22 Mar 2022 12:31

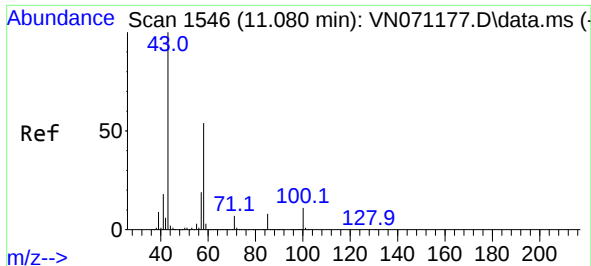
Tgt Ion: 63 Resp: 244639

Ion Ratio Lower Upper

63 100

106 26.6 23.9 35.9

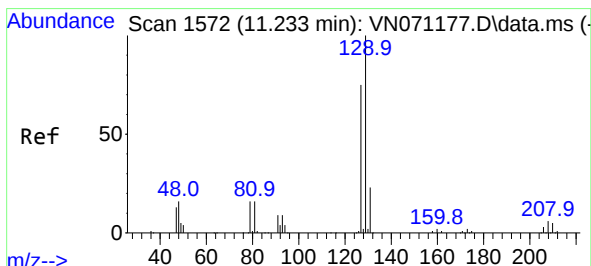
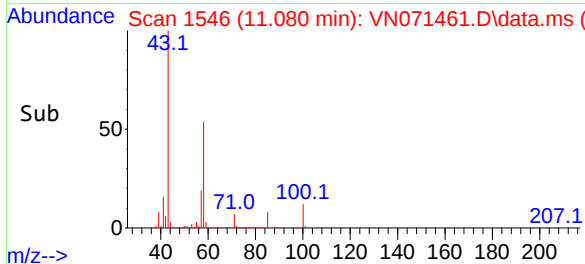
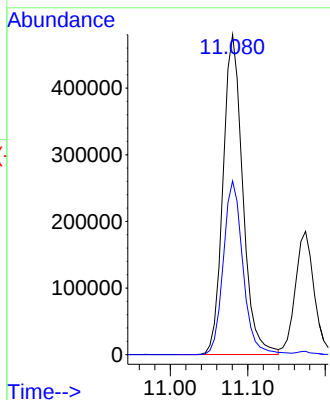
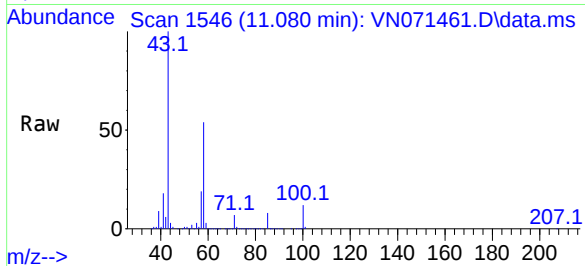




#59
2-Hexanone
Concen: 115.363 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

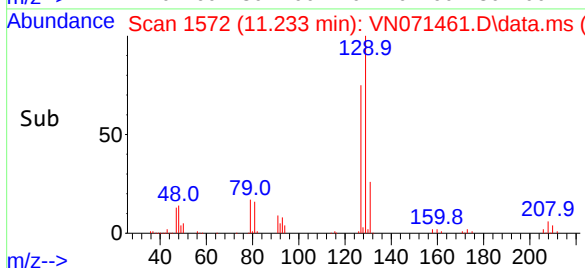
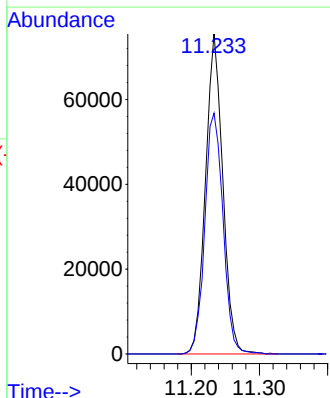
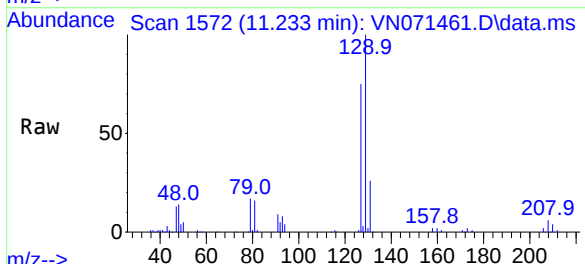
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

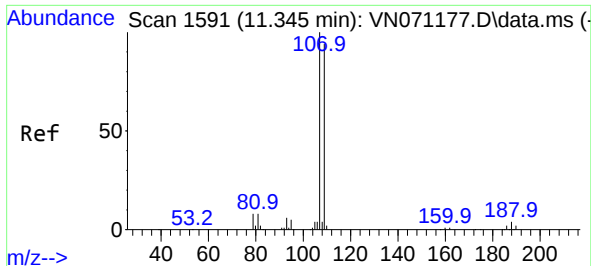
Tgt Ion: 43 Resp: 849603
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7



#60
Dibromochloromethane
Concen: 21.344 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 129 Resp: 133240
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0

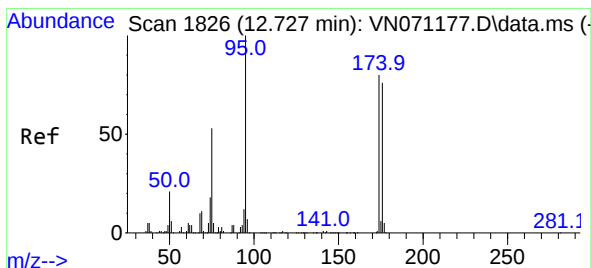
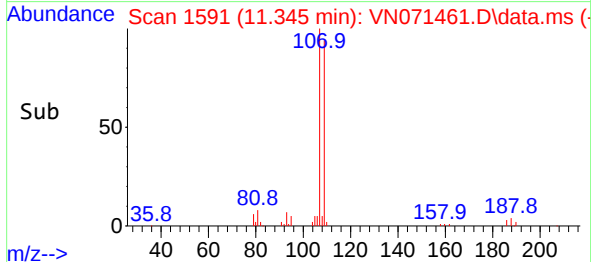
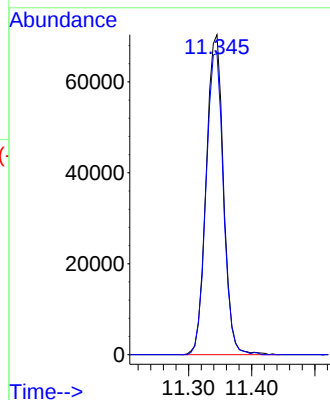
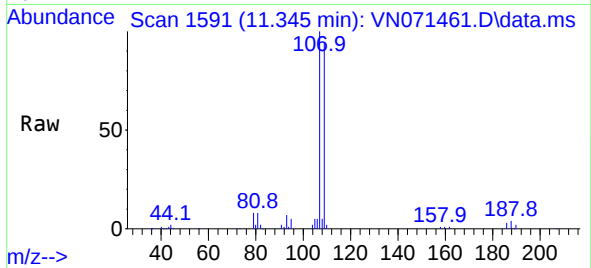




#61
1,2-Dibromoethane
Concen: 20.782 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

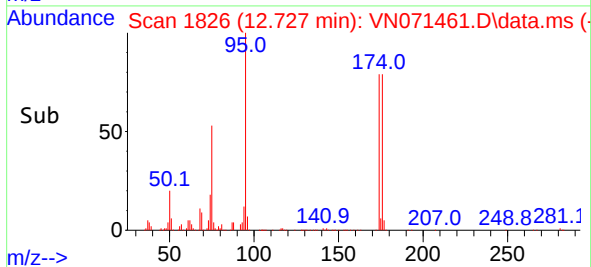
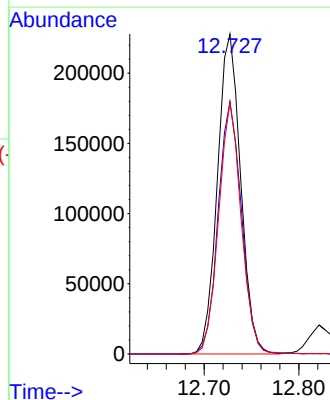
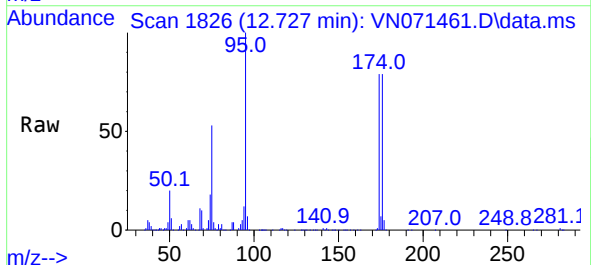
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

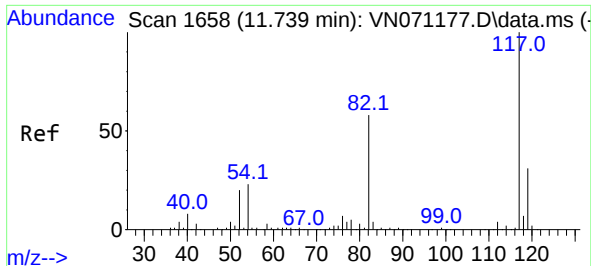
Tgt Ion:107 Resp: 133440
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 54.051 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 95 Resp: 388688
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.3 0.0 181.4

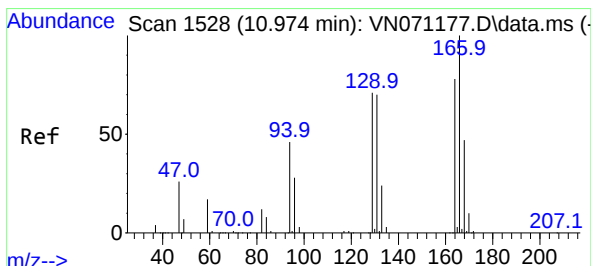
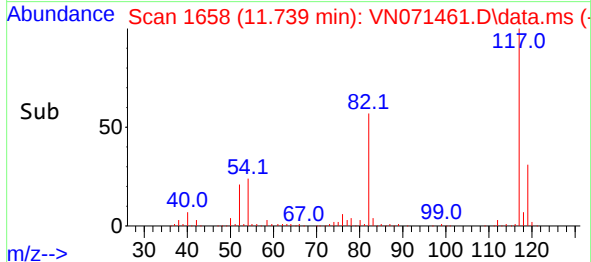
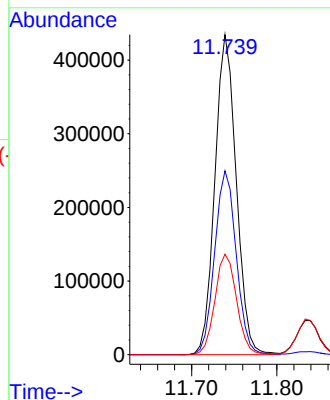
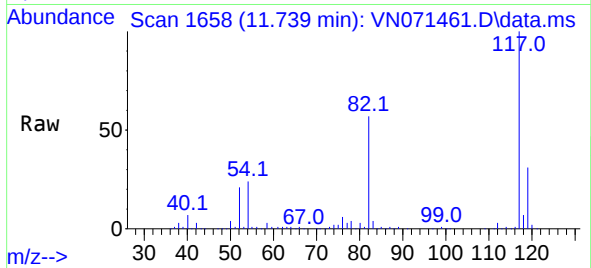




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

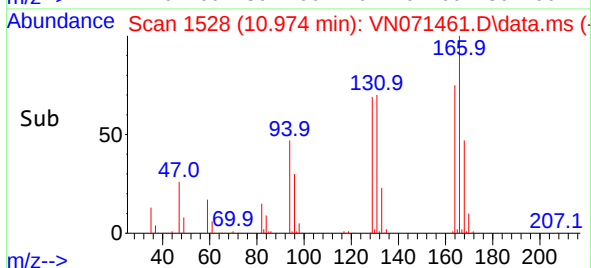
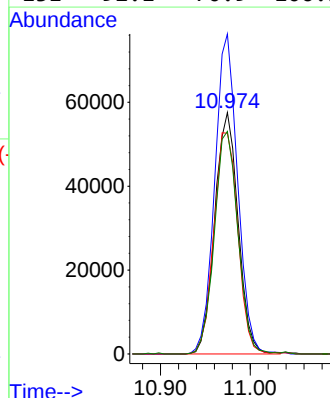
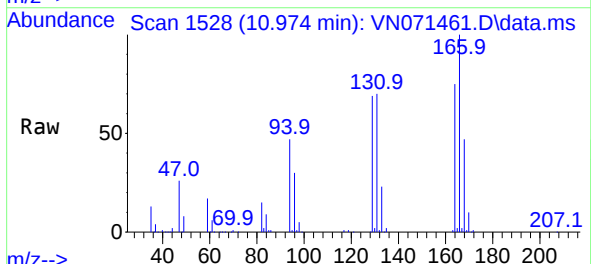
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

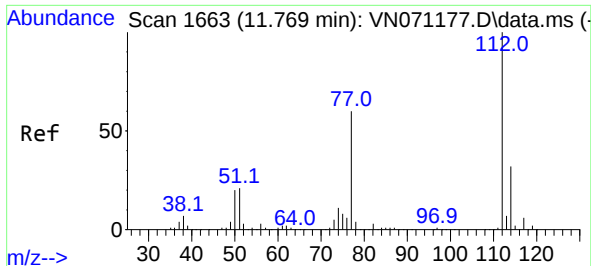
Tgt Ion:117 Resp: 757172
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 19.714 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:164 Resp: 104105
Ion Ratio Lower Upper
164 100
166 132.5 101.9 152.9
129 91.5 72.0 108.0
131 92.1 70.9 106.3

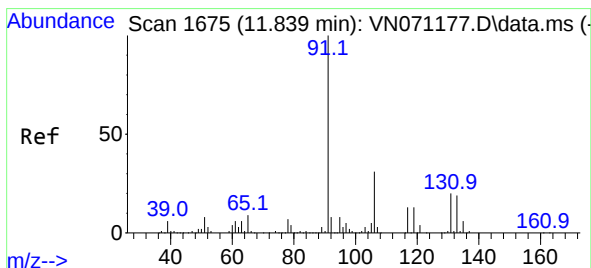
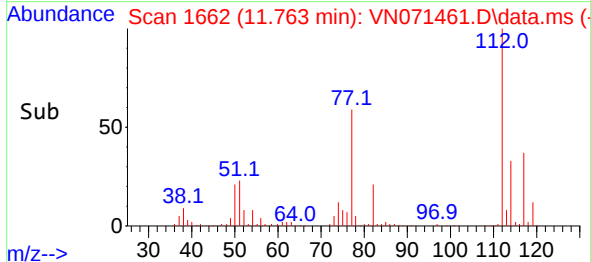
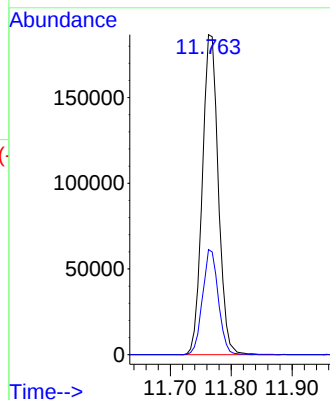
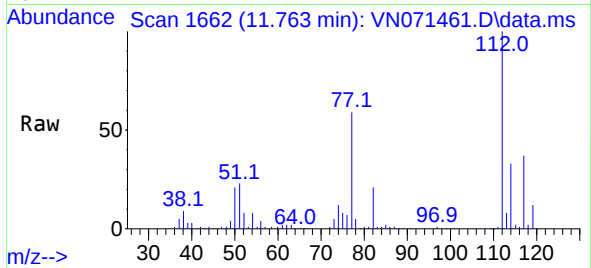




#65
Chlorobenzene
Concen: 20.931 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

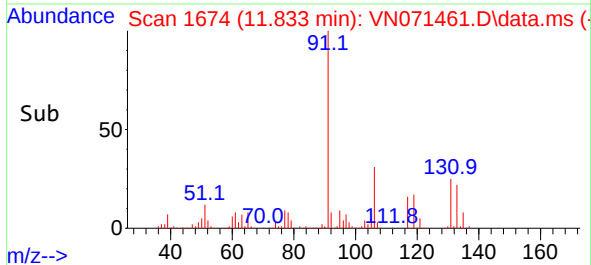
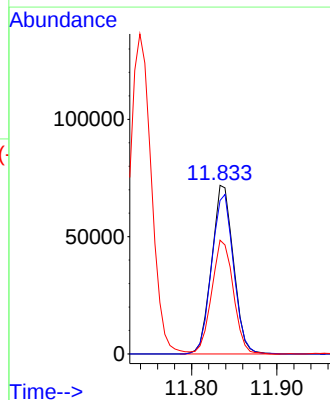
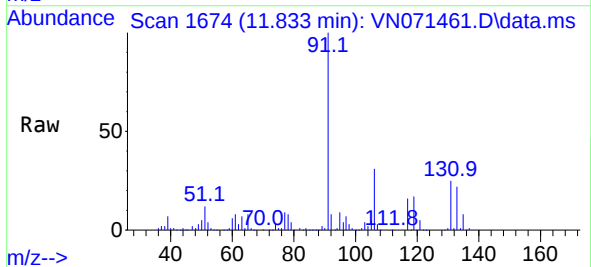
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

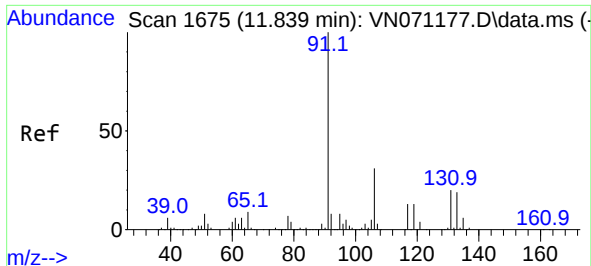
Tgt Ion:112 Resp: 340353
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.445 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:131 Resp: 127866
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 67.0 32.1 96.5

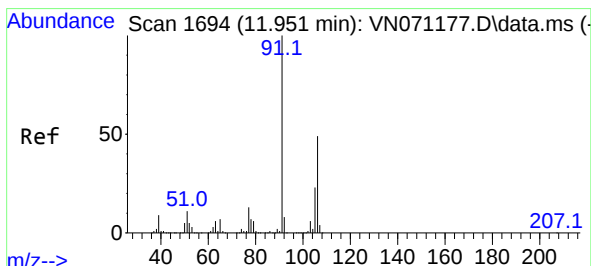
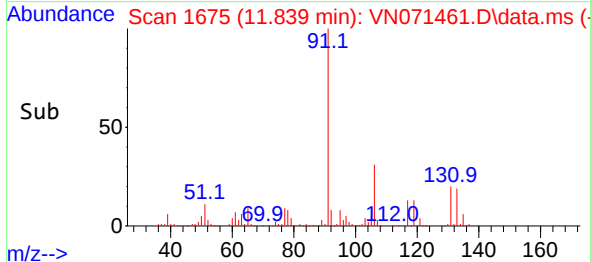
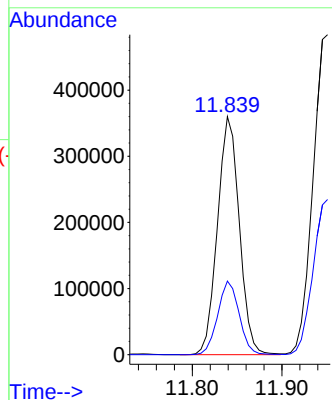
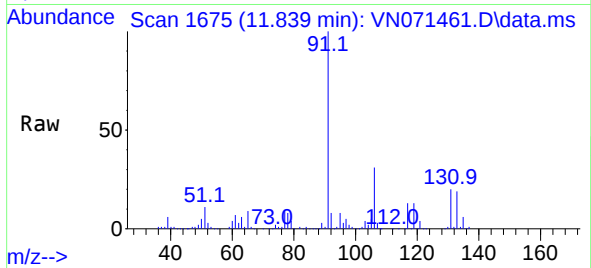




#67
Ethyl Benzene
Concen: 21.165 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

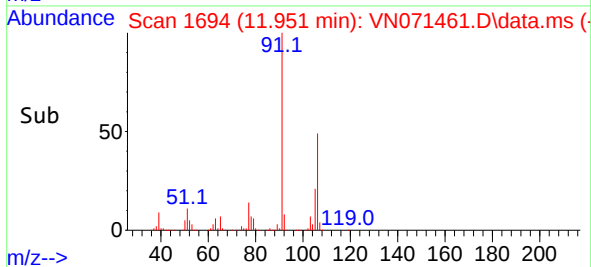
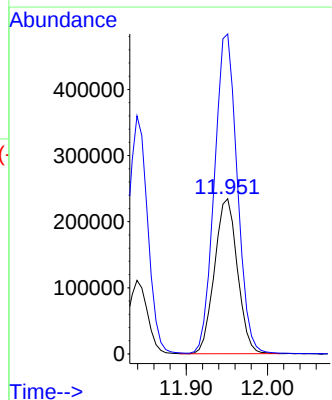
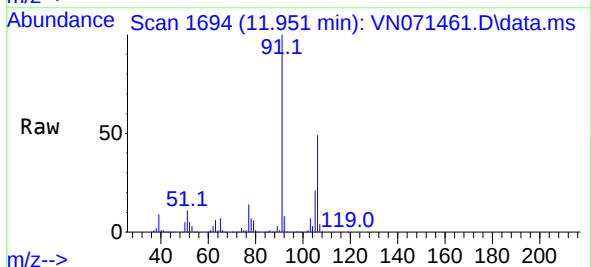
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

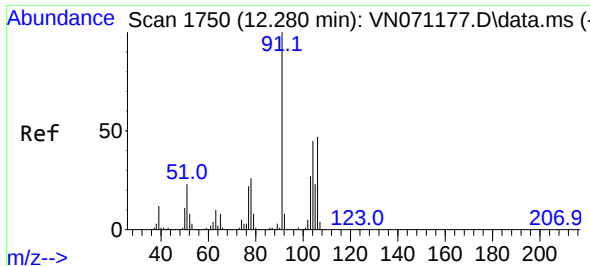
Tgt Ion: 91 Resp: 608508
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5



#68
m/p-Xylenes
Concen: 43.744 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:106 Resp: 460093
Ion Ratio Lower Upper
106 100
91 206.1 160.6 240.8

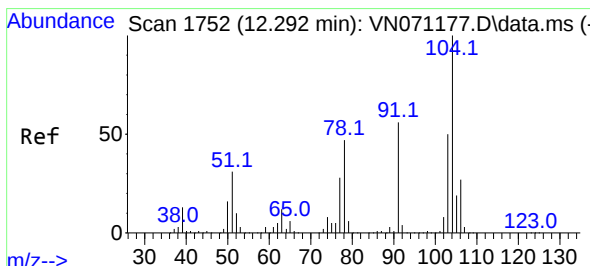
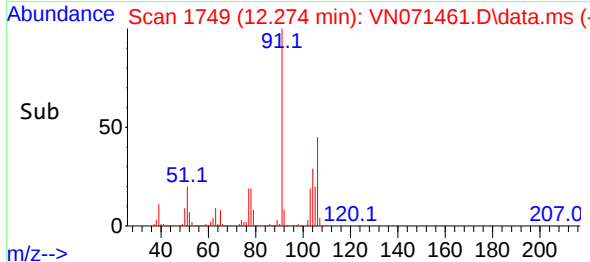
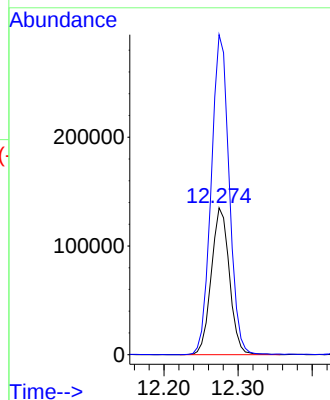
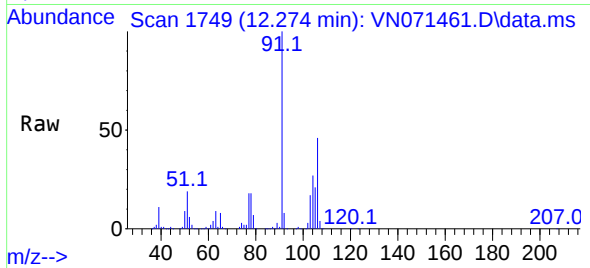




#69
o-Xylene
Concen: 21.747 ug/l
RT: 12.274 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

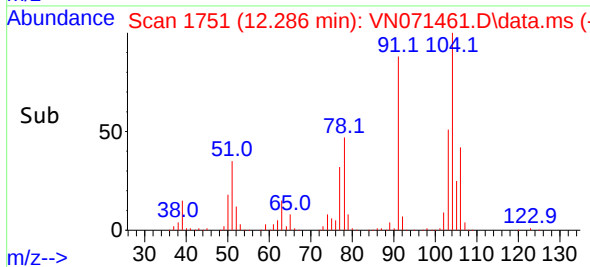
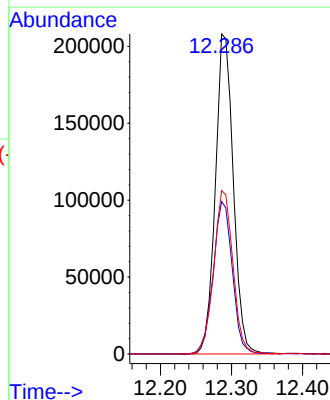
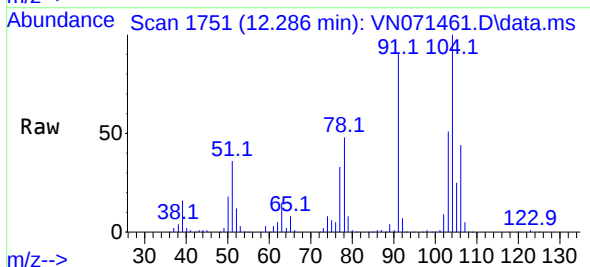
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

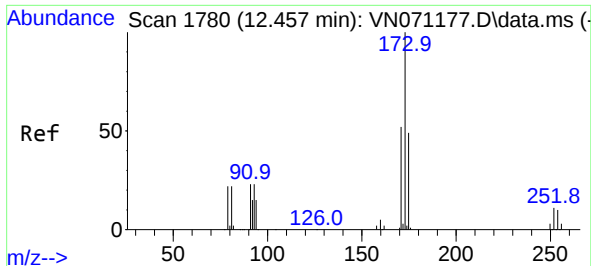
Tgt Ion:106 Resp: 229281
Ion Ratio Lower Upper
106 100
91 216.5 105.8 317.3



#70
Styrene
Concen: 22.329 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:104 Resp: 364409
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 54.5 45.0 67.6

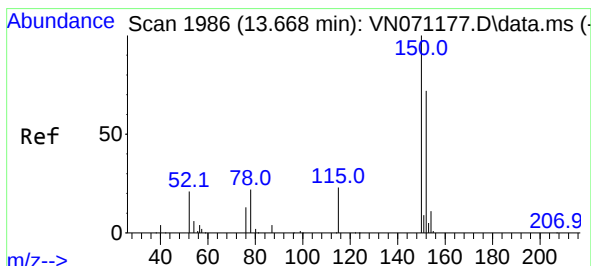
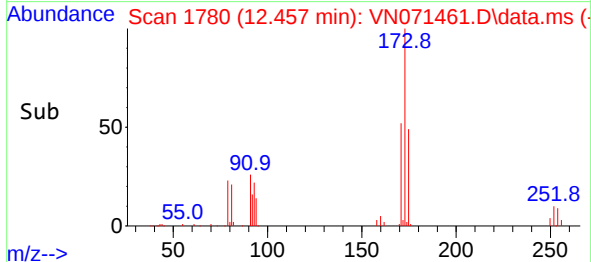
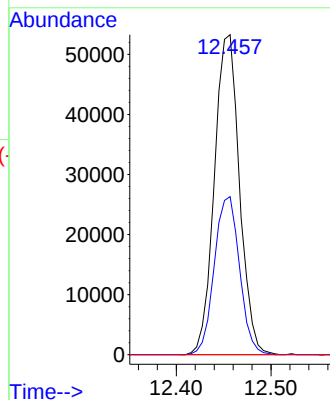
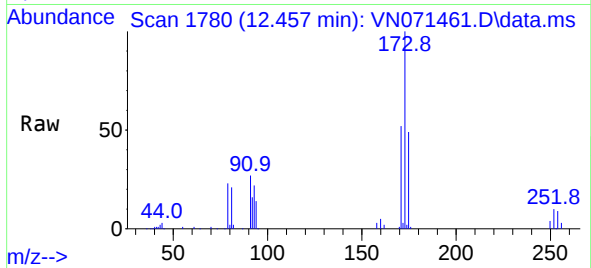




#71
Bromoform
Concen: 21.704 ug/l
RT: 12.457 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

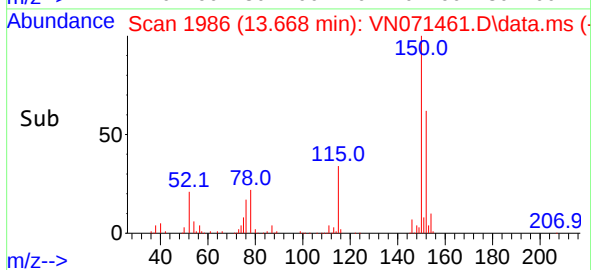
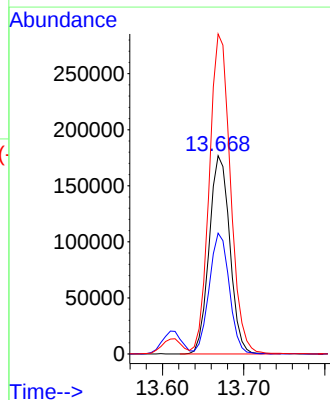
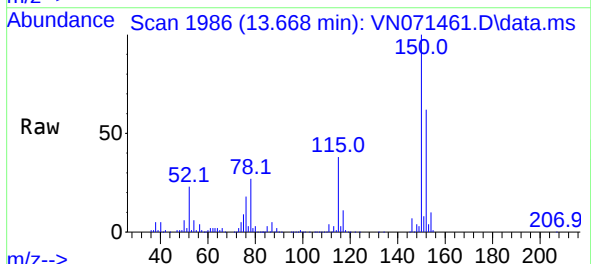
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

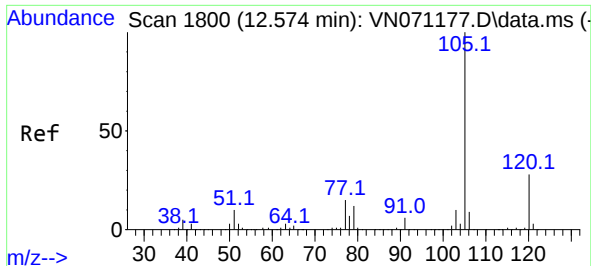
Tgt Ion:173 Resp: 98274
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:152 Resp: 311914
Ion Ratio Lower Upper
152 100
115 59.6 27.5 82.5
150 165.4 0.0 344.4

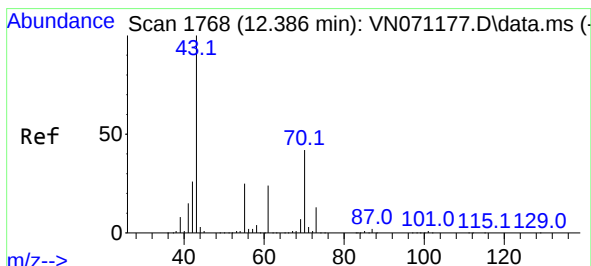
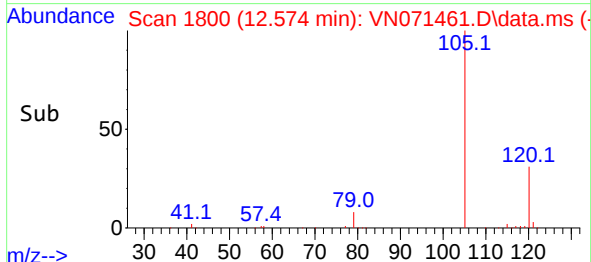
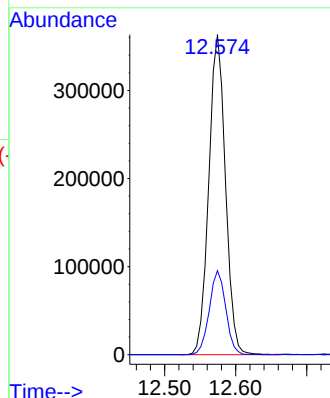
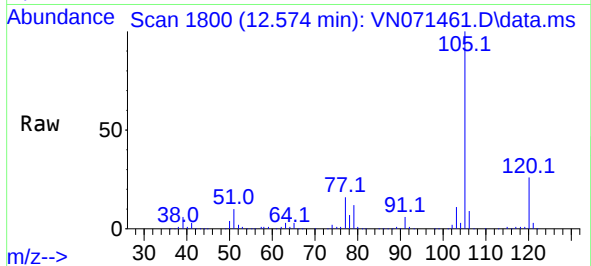




#73
Isopropylbenzene
Concen: 19.703 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

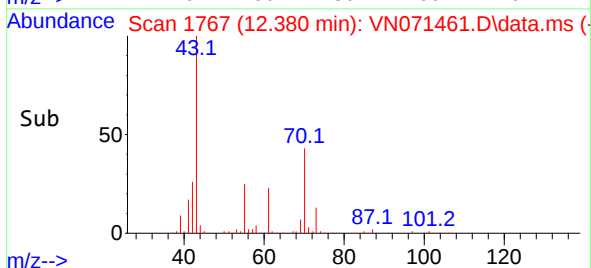
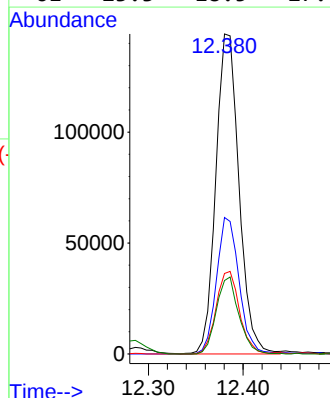
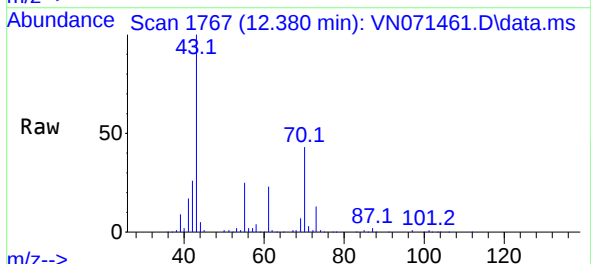
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

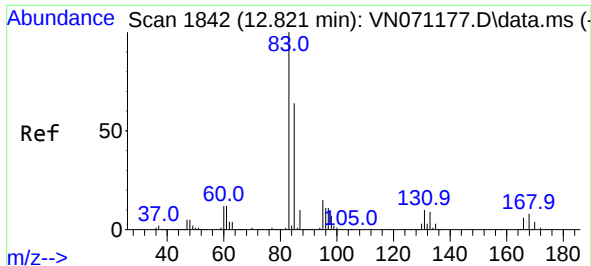
Tgt Ion:105 Resp: 592439
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#74
N-ethyl acetate
Concen: 21.740 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 43 Resp: 245778
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.0
55 26.2 19.3 28.9
61 23.3 18.5 27.7

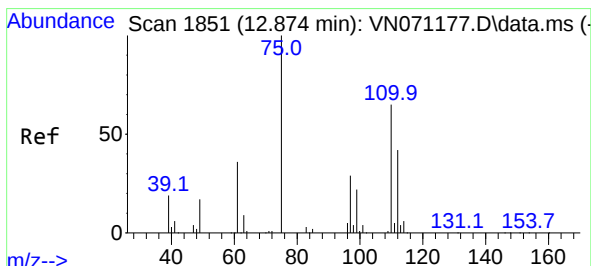
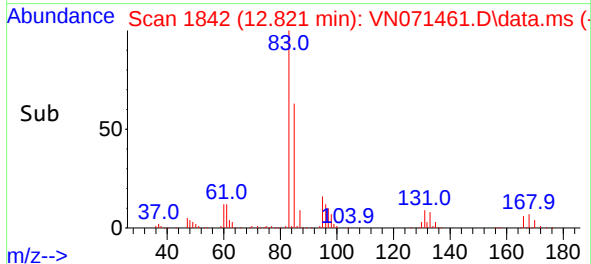
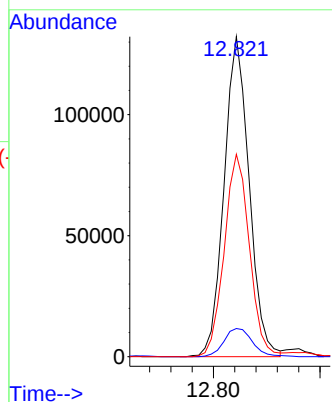
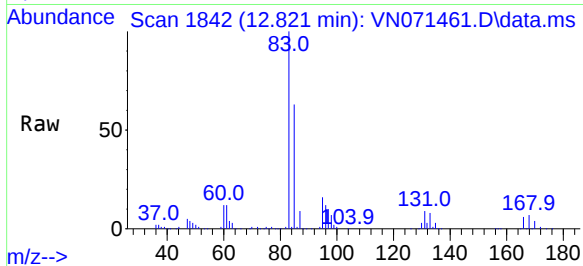




#75
1,1,2,2-Tetrachloroethane
Concen: 22.707 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

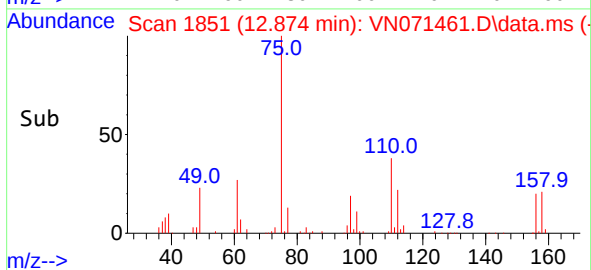
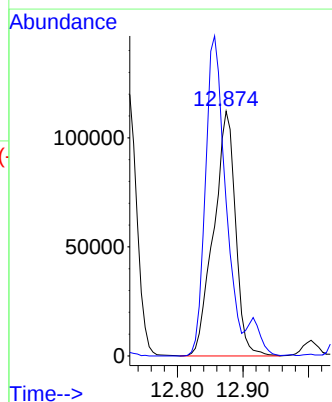
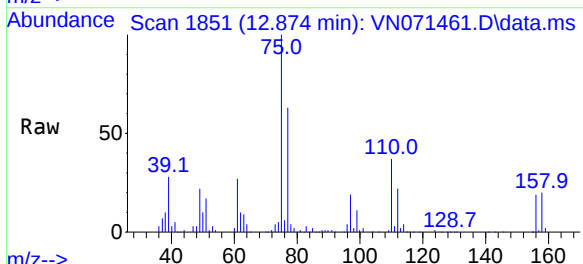
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

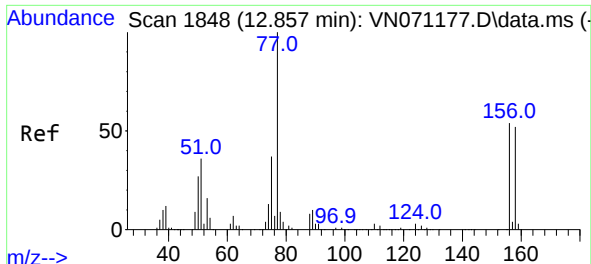
Tgt Ion: 83 Resp: 215389
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 33.341 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 75 Resp: 259161
Ion Ratio Lower Upper
75 100
77 119.2 82.6 247.8

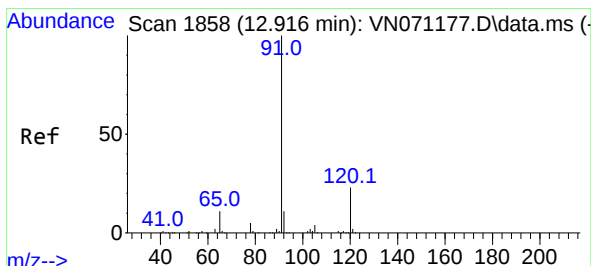
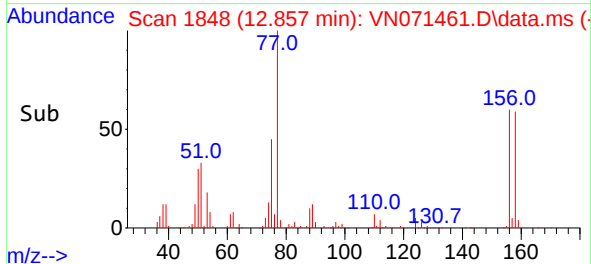
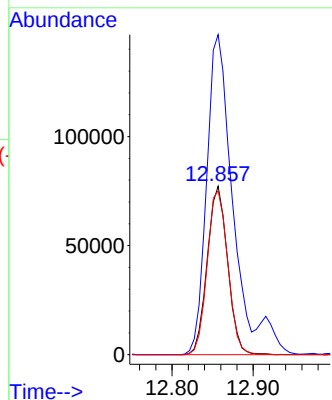
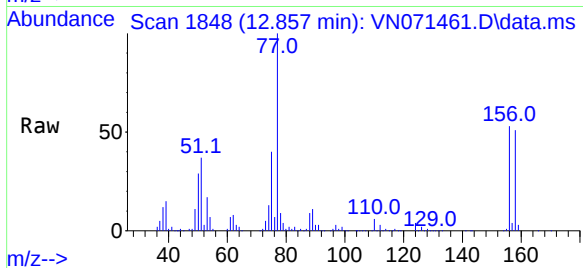




#77
Bromobenzene
Concen: 19.281 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

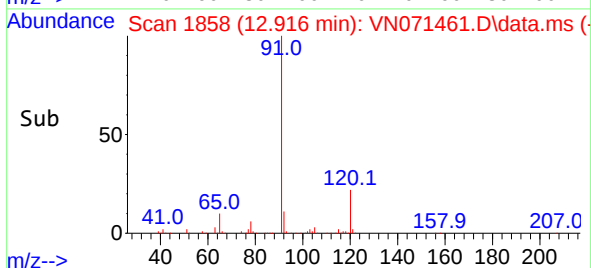
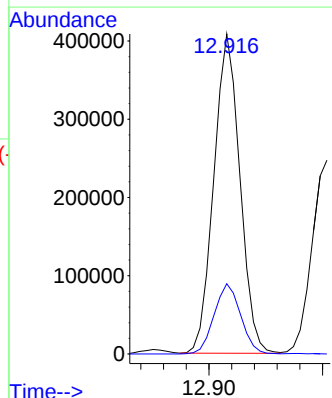
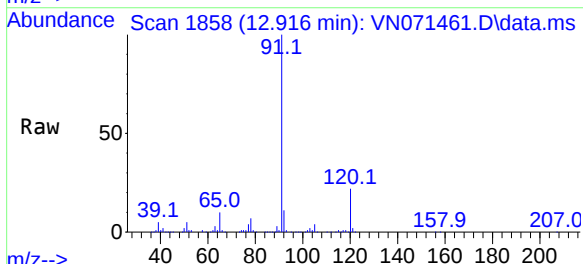
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

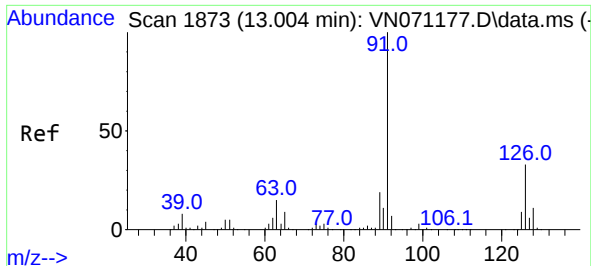
Tgt Ion:156 Resp: 135189
Ion Ratio Lower Upper
156 100
77 228.6 90.6 271.8
158 98.1 48.9 146.7



#78
n-propylbenzene
Concen: 20.162 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 91 Resp: 650518
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9

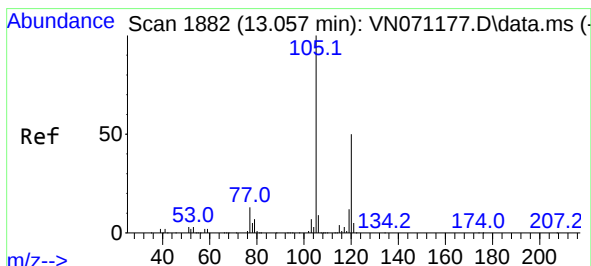
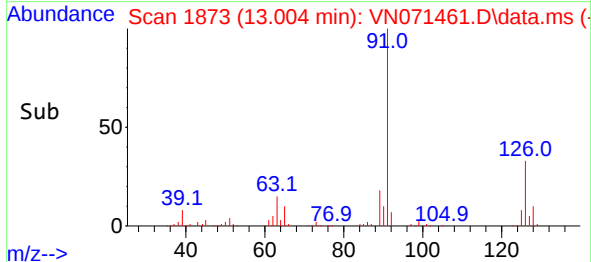
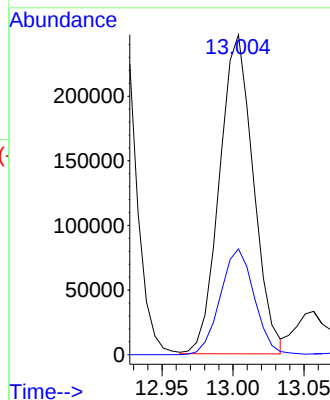
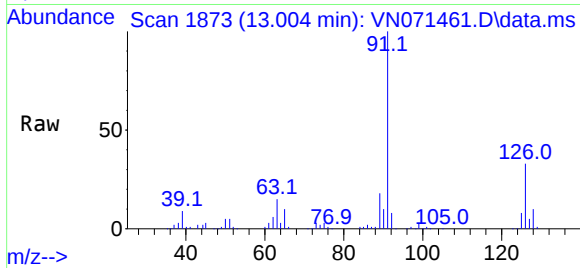




#79
2-Chlorotoluene
Concen: 19.765 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

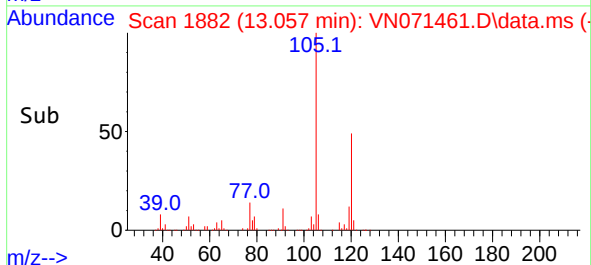
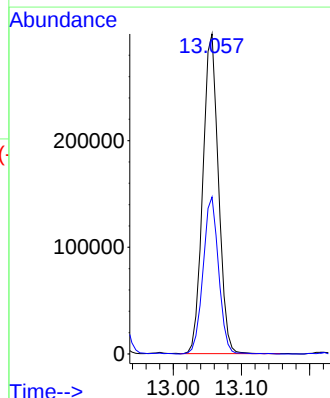
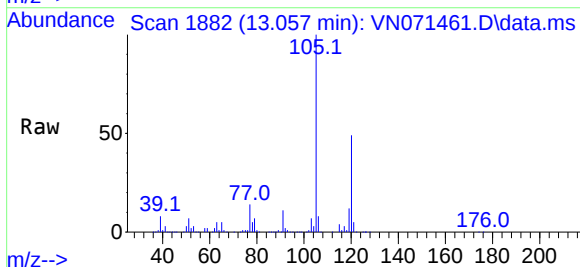
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

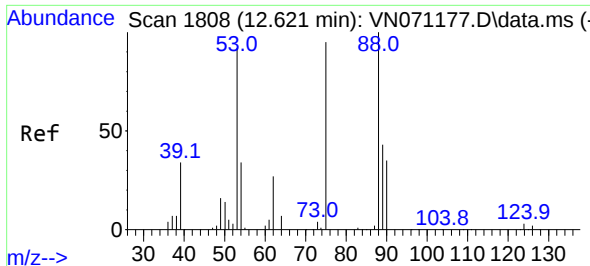
Tgt Ion: 91 Resp: 409372
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.388 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:105 Resp: 476945
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

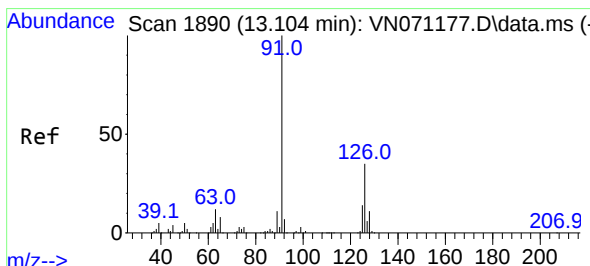
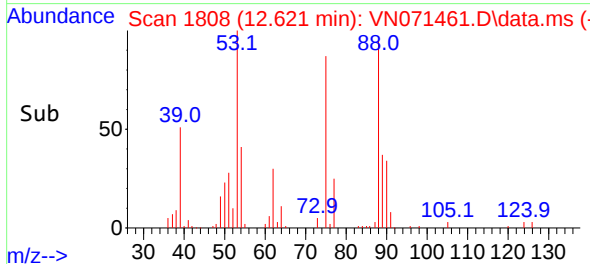
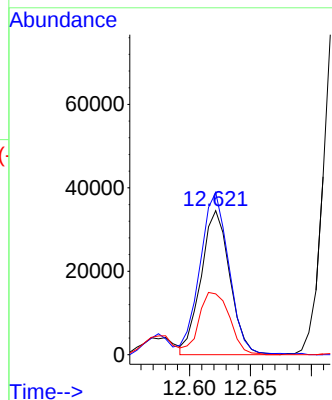
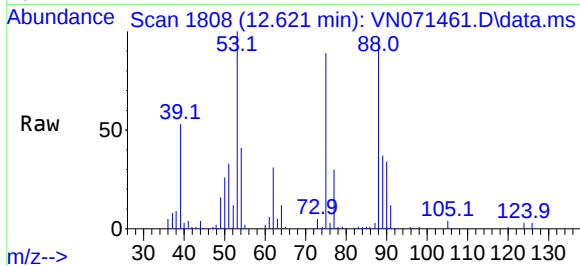




#81
trans-1,4-Dichloro-2-butene
Concen: 19.693 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

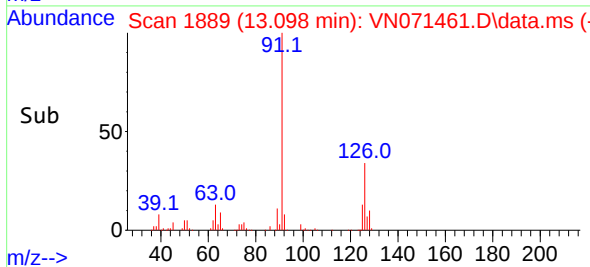
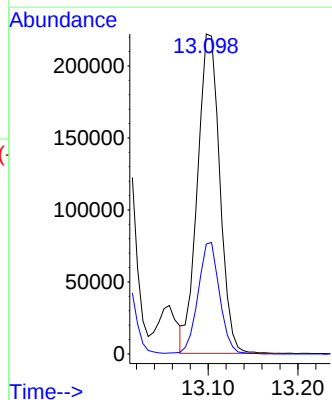
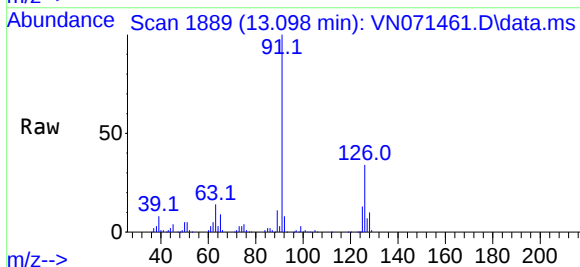
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

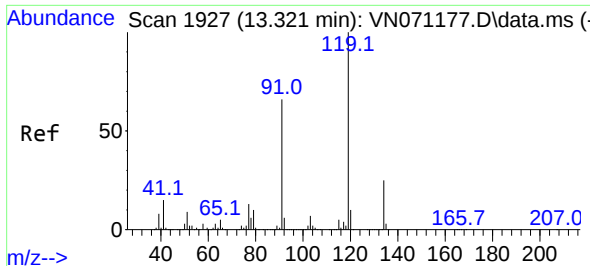
Tgt Ion: 75 Resp: 56822
Ion Ratio Lower Upper
75 100
53 114.6 90.5 135.7
89 45.9 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.740 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 91 Resp: 382619
Ion Ratio Lower Upper
91 100
126 33.9 18.2 54.6

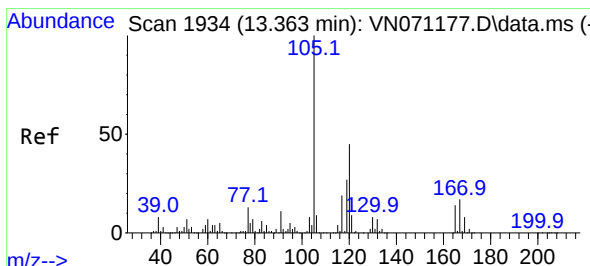
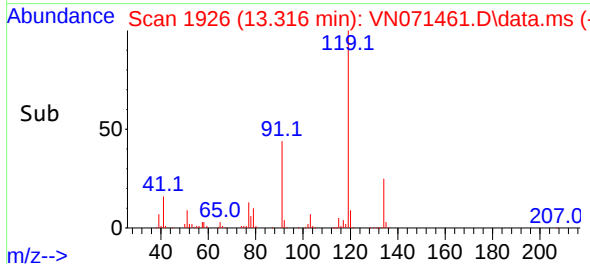
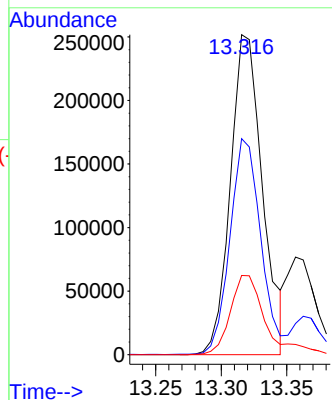
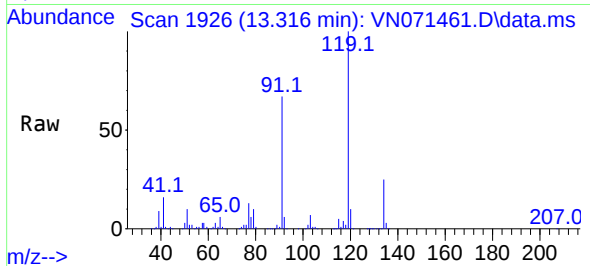




#83
tert-Butylbenzene
Concen: 20.523 ug/l
RT: 13.316 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

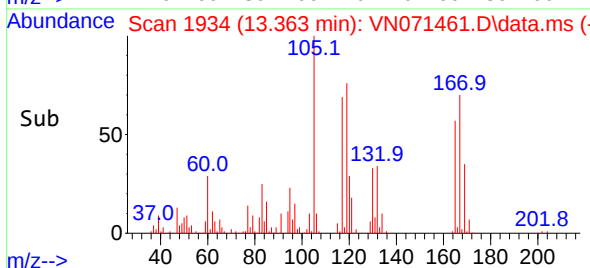
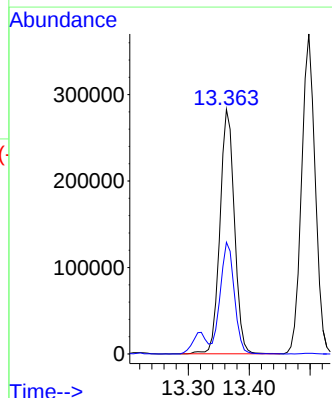
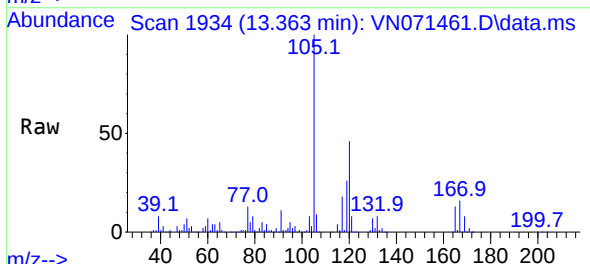
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

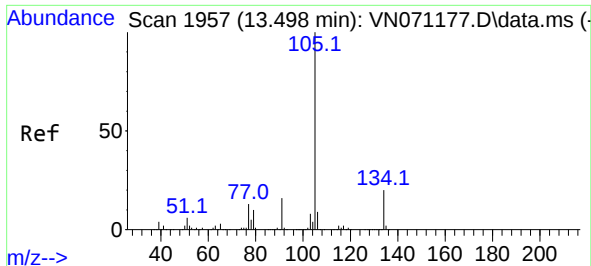
Tgt Ion:119 Resp: 428444
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 27.1 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.763 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:105 Resp: 465235
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4

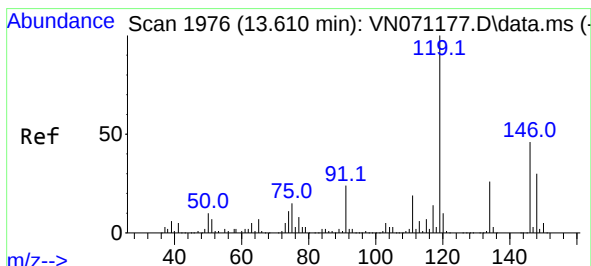
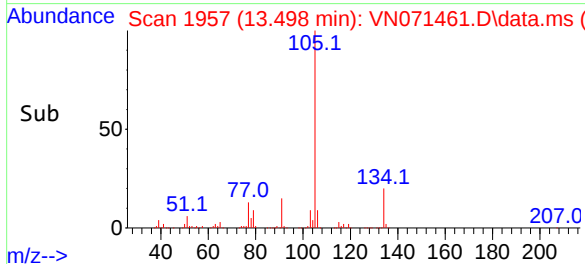
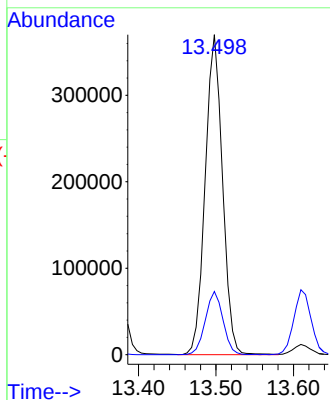
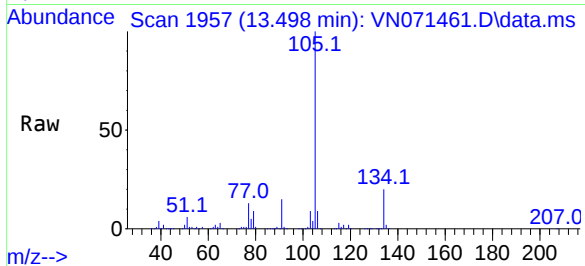




#85
 sec-Butylbenzene
 Concen: 20.698 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071461.D
 Acq: 22 Mar 2022 12:31

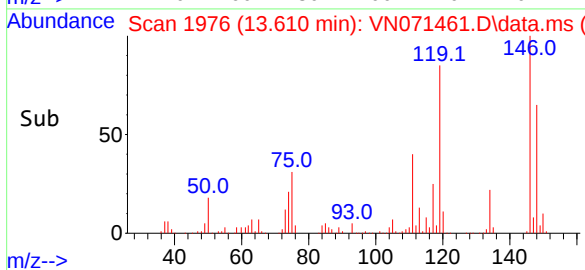
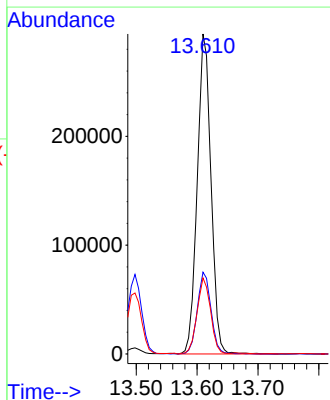
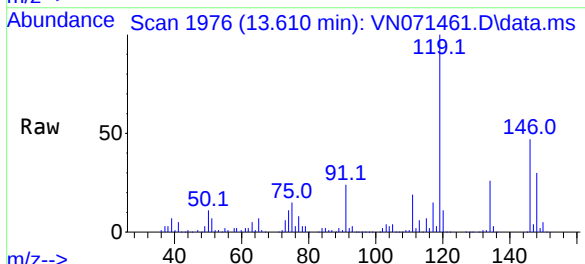
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

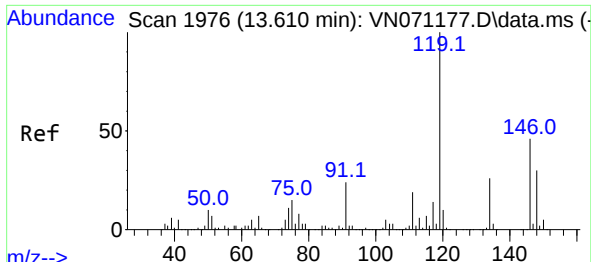
Tgt Ion:105 Resp: 574326
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.062 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071461.D
 Acq: 22 Mar 2022 12:31

Tgt Ion:119 Resp: 459613
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 23.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.080 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBSD01

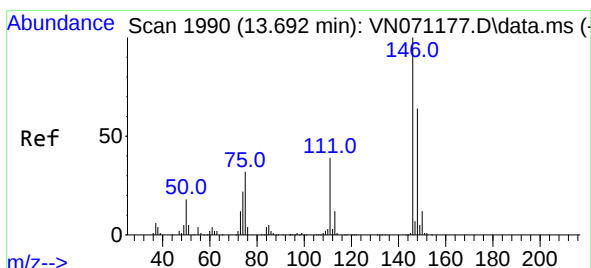
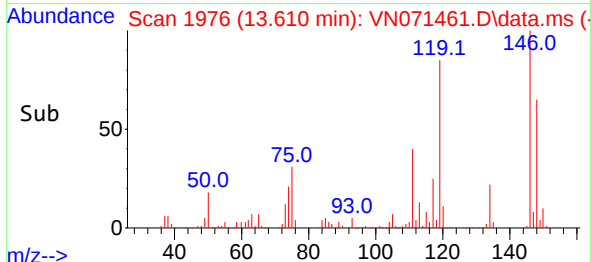
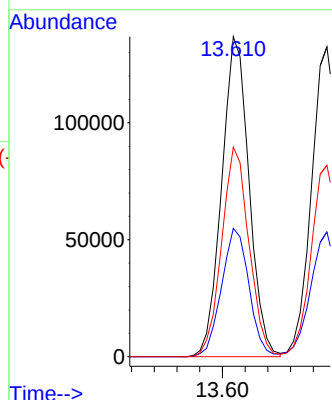
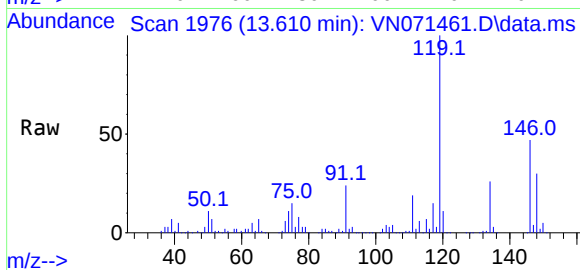
Tgt Ion:146 Resp: 228764

Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.6

148 65.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.123 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

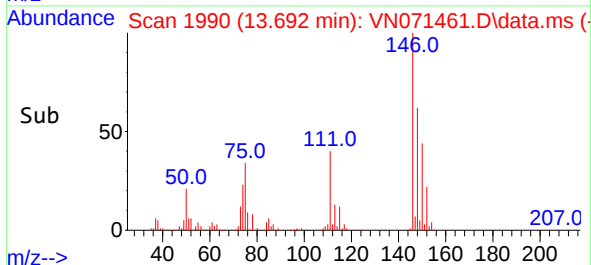
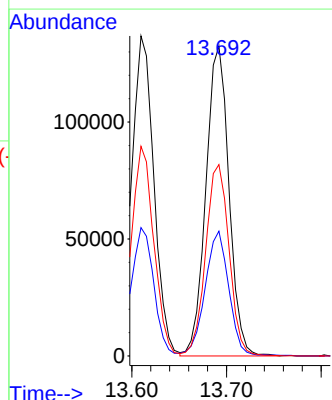
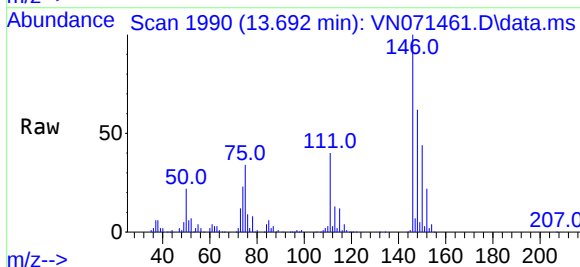
Tgt Ion:146 Resp: 224087

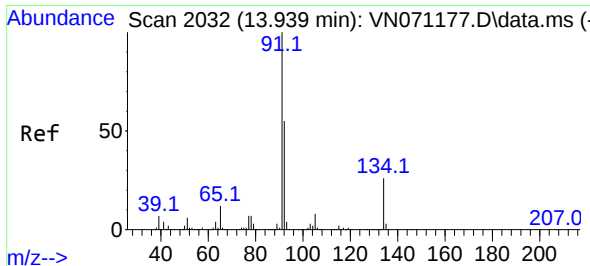
Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 62.9 31.8 95.4

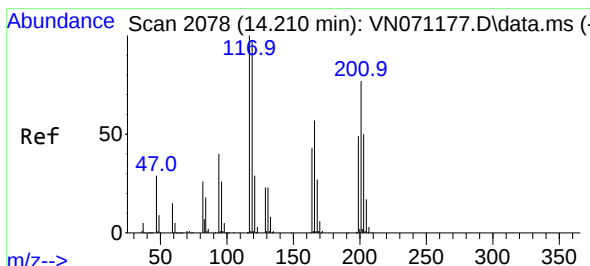
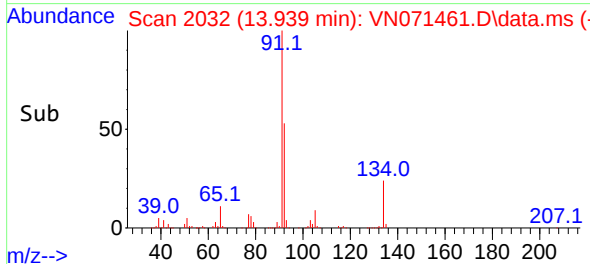
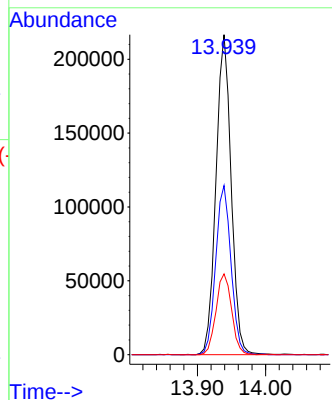
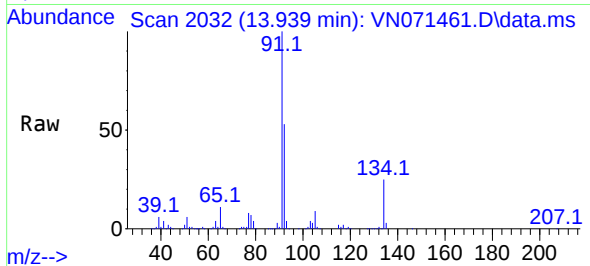




#89
n-Butylbenzene
Concen: 19.667 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

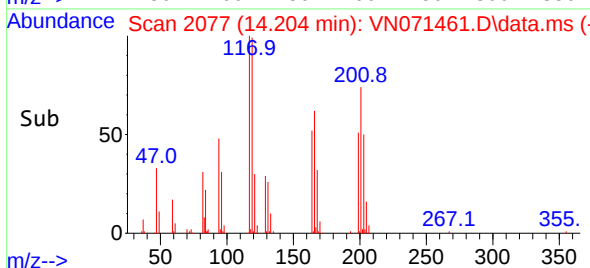
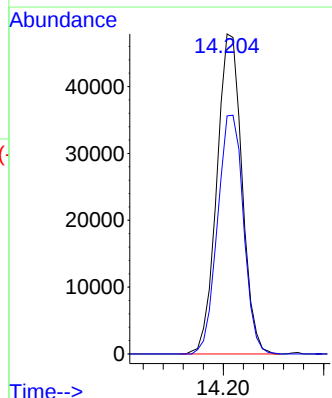
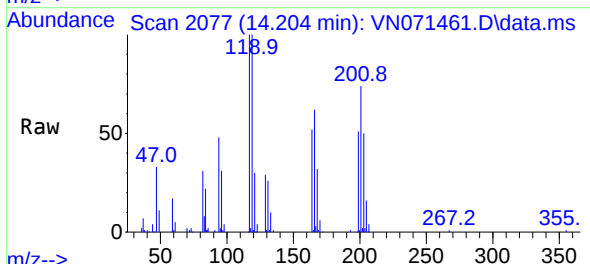
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

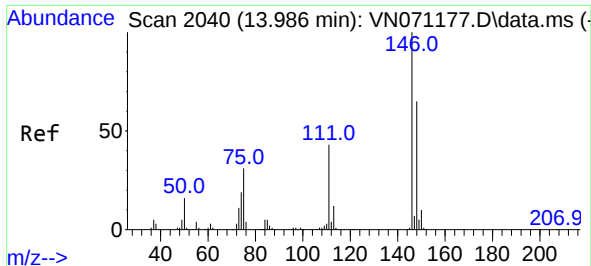
Tgt Ion: 91 Resp: 335680
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 19.158 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion: 117 Resp: 83140
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 20.943 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN071461.D

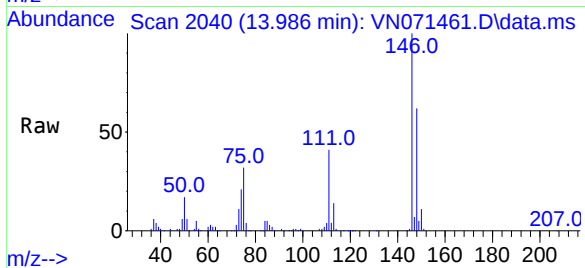
Acq: 22 Mar 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBSD01



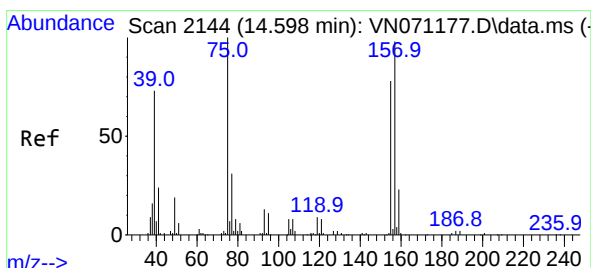
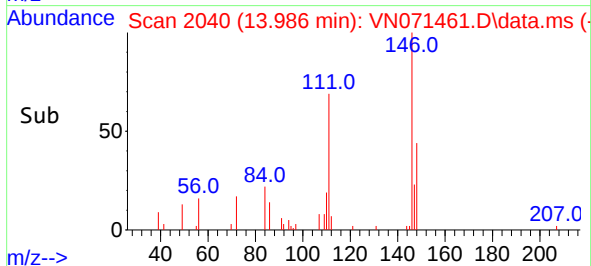
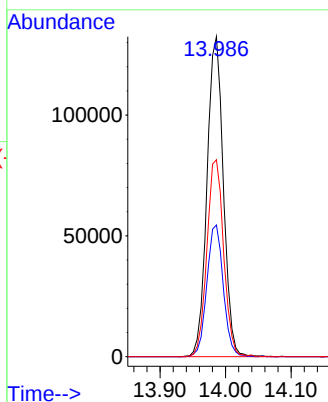
Tgt Ion:146 Resp: 229378

Ion Ratio Lower Upper

146 100

111 41.4 19.1 57.3

148 63.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.368 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071461.D

Acq: 22 Mar 2022 12:31

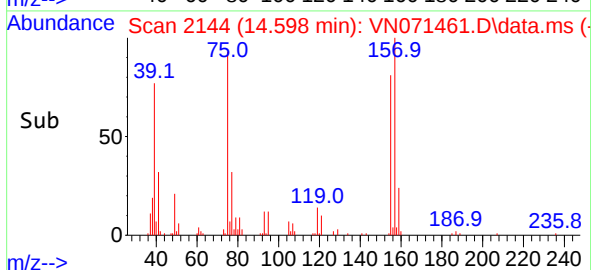
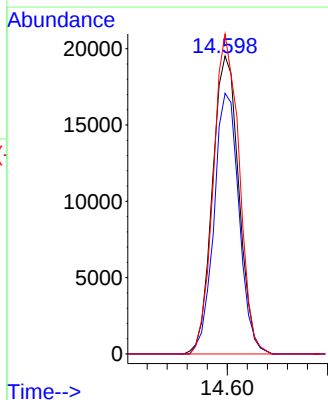
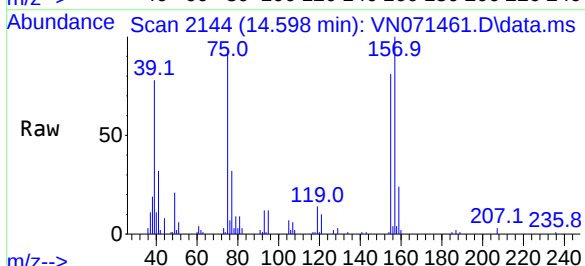
Tgt Ion: 75 Resp: 35633

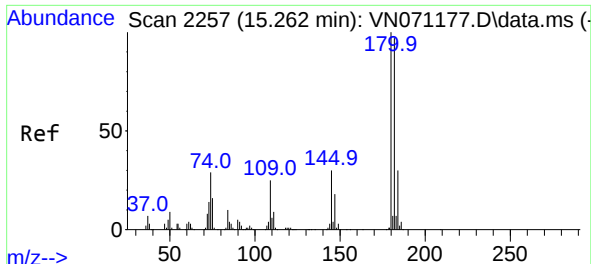
Ion Ratio Lower Upper

75 100

155 83.3 46.9 140.7

157 105.1 60.6 181.7

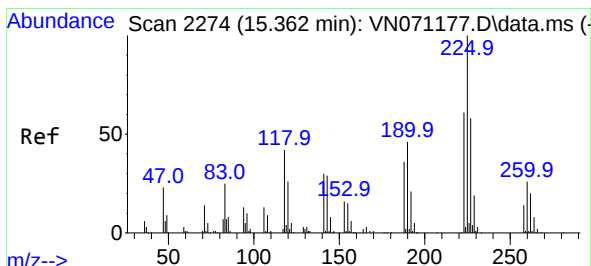
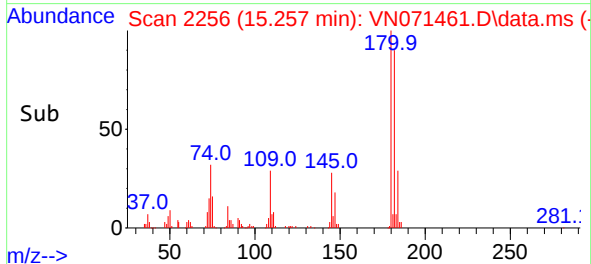
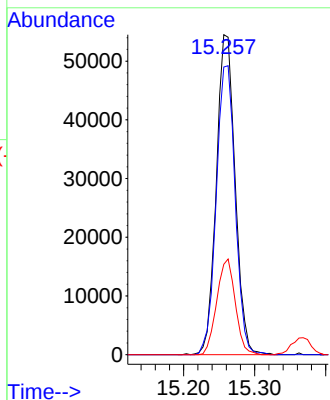
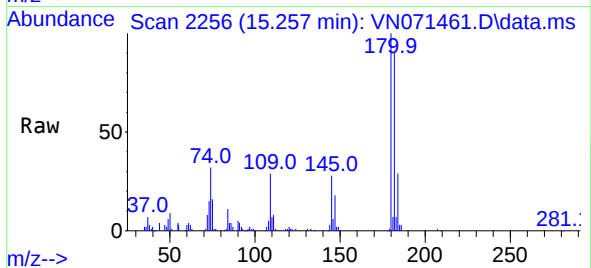




#93
1,2,4-Trichlorobenzene
Concen: 21.389 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

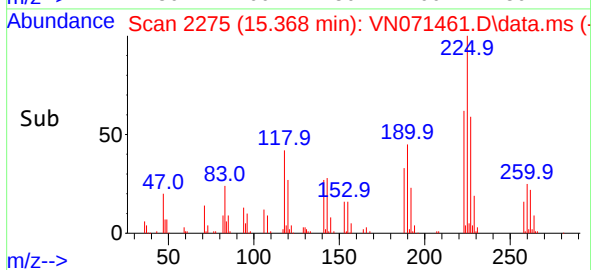
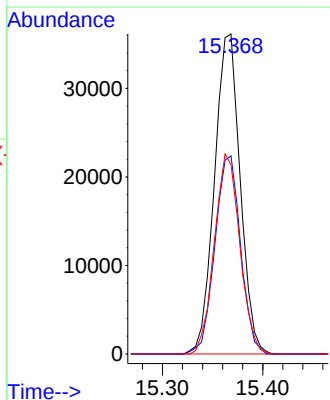
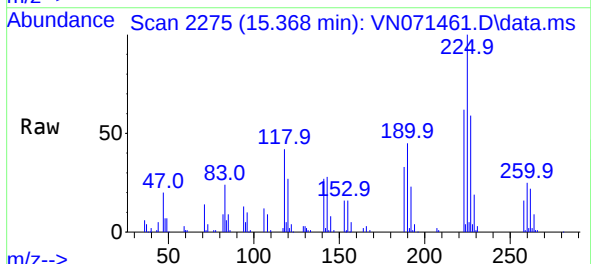
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

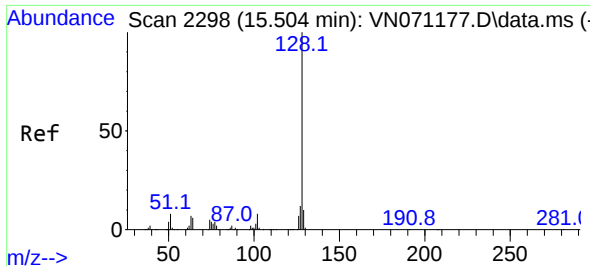
Tgt Ion:180 Resp: 100034
Ion Ratio Lower Upper
180 100
182 90.9 48.3 144.9
145 29.4 14.5 43.5



#94
Hexachlorobutadiene
Concen: 20.941 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:225 Resp: 64388
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 61.9 32.1 96.3

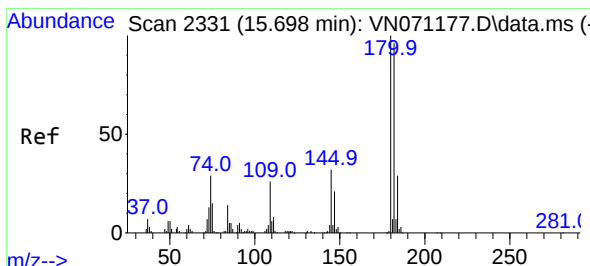
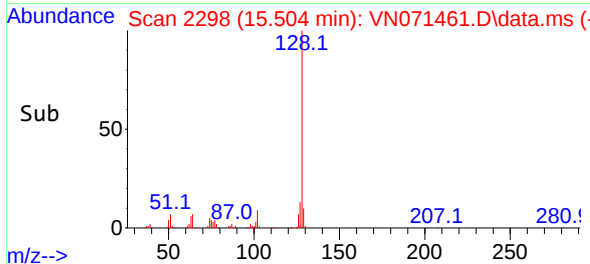
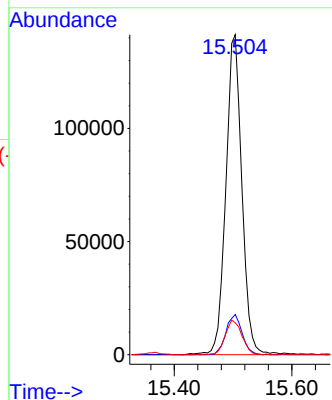
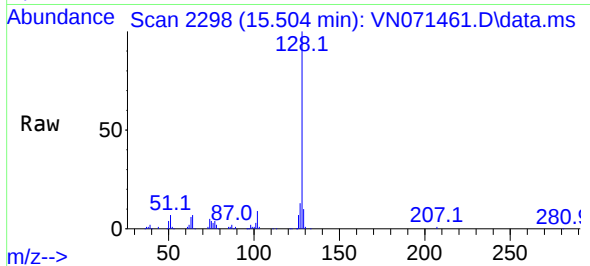




#95
Naphthalene
Concen: 21.830 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBSD01

Tgt Ion:128 Resp: 266710
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.374 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071461.D
Acq: 22 Mar 2022 12:31

Tgt Ion:180 Resp: 96565
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 31.1 15.0 45.1

