

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073764.D
 Acq On : 05 Aug 2022 17:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 07 20:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	419728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	638416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	608094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	301550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218080	42.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.260%
35) Dibromofluoromethane	7.951	113	192764	48.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.381	98	749772	47.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.669	95	262625	49.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	174222	42.795	ug/l	99
3) Chloromethane	2.263	50	207615	42.032	ug/l	98
4) Vinyl Chloride	2.405	62	269036	37.786	ug/l	99
5) Bromomethane	2.769	94	97332	23.571	ug/l	95
6) Chloroethane	2.934	64	187294	44.883	ug/l	96
7) Trichlorofluoromethane	3.293	101	380698	51.881	ug/l	98
8) Diethyl Ether	3.757	74	127787	46.378	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.128	101	198628	48.925	ug/l	97
10) Methyl Iodide	4.340	142	190798	46.229	ug/l	98
11) Tert butyl alcohol	5.293	59	262585	238.035	ug/l	100
12) 1,1-Dichloroethene	4.104	96	185850	46.670	ug/l	91
13) Acrolein	3.969	56	407102	372.244	ug/l	99
14) Allyl chloride	4.751	41	283468	44.523	ug/l	99
15) Acrylonitrile	5.469	53	702192	230.115	ug/l	99
16) Acetone	4.216	43	570821	207.772	ug/l	98
17) Carbon Disulfide	4.446	76	436703	41.358	ug/l	99
18) Methyl Acetate	4.769	43	326695	47.797	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	678612	49.882	ug/l	96
20) Methylene Chloride	5.004	84	227890	51.334	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	199772	46.342	ug/l	96
22) Diisopropyl ether	6.404	45	644579	46.927	ug/l	97
23) Vinyl Acetate	6.345	43	2768738	240.419	ug/l	100
24) 1,1-Dichloroethane	6.298	63	377222	44.640	ug/l	98
25) 2-Butanone	7.257	43	958059	224.551	ug/l	99
26) 2,2-Dichloropropane	7.240	77	290955	44.752	ug/l	98
27) cis-1,2-Dichloroethene	7.240	96	250705	47.203	ug/l	94
28) Bromochloromethane	7.581	49	157844	44.486	ug/l	97
29) Tetrahydrofuran	7.604	42	607251	225.114	ug/l	97
30) Chloroform	7.739	83	407169	46.246	ug/l	99
31) Cyclohexane	8.016	56	326772	42.910	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	348458	47.666	ug/l	98
36) 1,1-Dichloropropene	8.145	75	294615	51.564	ug/l	99
37) Ethyl Acetate	7.334	43	347056	46.123	ug/l	97
38) Carbon Tetrachloride	8.128	117	299560	51.622	ug/l	99
39) Methylcyclohexane	9.392	83	369175	54.071	ug/l	97
40) Benzene	8.387	78	912151	49.163	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	168683	49.541	ug/l	97
42) 1,2-Dichloroethane	8.463	62	306038	48.943	ug/l	98
43) Isopropyl Acetate	8.492	43	525565	51.712	ug/l	99
44) Trichloroethene	9.145	130	240486	51.113	ug/l	100
45) 1,2-Dichloropropane	9.422	63	228942	49.367	ug/l	99
46) Dibromomethane	9.510	93	166831	51.832	ug/l	99
47) Bromodichloromethane	9.698	83	320753	51.922	ug/l	98
48) Methyl methacrylate	9.498	41	233357	52.454	ug/l	92
49) 1,4-Dioxane	9.504	88	134911	1075.800	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	1874998	257.217	ug/l	100
52) Toluene	10.445	92	594837	52.488	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	334680	54.840	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	368422	53.572	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	246666	52.195	ug/l	97
56) Ethyl methacrylate	10.704	69	381901	58.633	ug/l	98
57) 1,3-Dichloropropane	10.986	76	412061	51.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	829776	241.110	ug/l	100
59) 2-Hexanone	11.028	43	1433537	259.565	ug/l	100
60) Dibromochloromethane	11.180	129	275519	58.603	ug/l	96
61) 1,2-Dibromoethane	11.286	107	260278	53.476	ug/l	99
64) Tetrachloroethene	10.916	164	233621	48.342	ug/l	96
65) Chlorobenzene	11.710	112	659056	51.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	246096	53.120	ug/l	99
67) Ethyl Benzene	11.786	91	1171234	53.749	ug/l	98
68) m/p-Xylenes	11.892	106	911809	109.712	ug/l	99
69) o-Xylene	12.222	106	458447	56.580	ug/l	98
70) Styrene	12.233	104	753831	58.119	ug/l	98
71) Bromoform	12.398	173	217864	56.973	ug/l #	98
73) Isopropylbenzene	12.522	105	1181940	53.544	ug/l	100
74) N-amyl acetate	12.327	43	434353	52.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	388651	45.626	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	486412	90.674	ug/l #	1
77) Bromobenzene	12.798	156	299549	52.109	ug/l	94
78) n-propylbenzene	12.863	91	1362185	54.843	ug/l	100
79) 2-Chlorotoluene	12.945	91	801527	51.705	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	987673	54.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	116568	50.096	ug/l	99
82) 4-Chlorotoluene	13.045	91	769098	52.347	ug/l	96
83) tert-Butylbenzene	13.263	119	882206	54.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	979789	54.852	ug/l	100
85) sec-Butylbenzene	13.439	105	1256825	56.515	ug/l	99
86) p-Isopropyltoluene	13.557	119	1062125	60.585	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	536999	51.177	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	531932	50.667	ug/l	98
89) n-Butylbenzene	13.880	91	859143	60.230	ug/l	99
90) Hexachloroethane	14.151	117	181679	52.232	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	541902	50.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	84871	49.590	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	326344	61.805	ug/l	99
94) Hexachlorobutadiene	15.304	225	167004	58.178	ug/l	98
95) Naphthalene	15.433	128	1052653	61.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	335353	60.345	ug/l	99

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QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

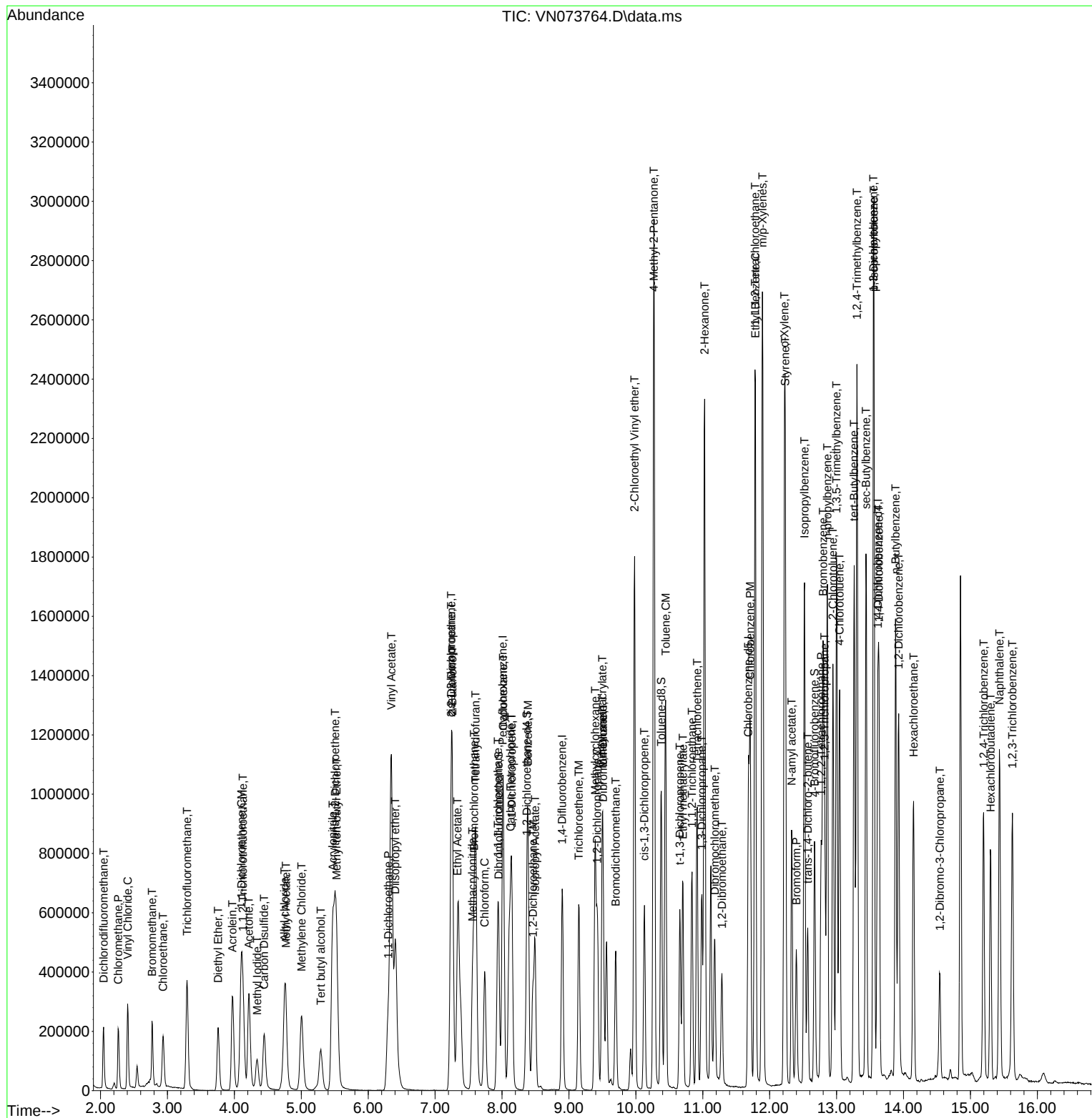
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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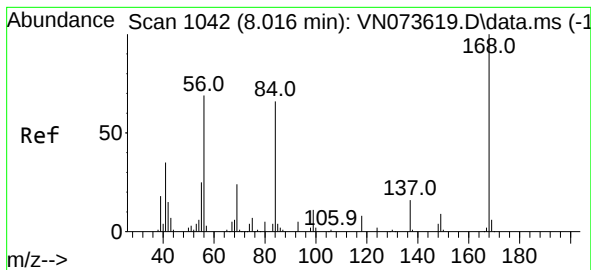
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.010 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073764.D

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Instrument :

MSVOA_N

ClientSampleId :

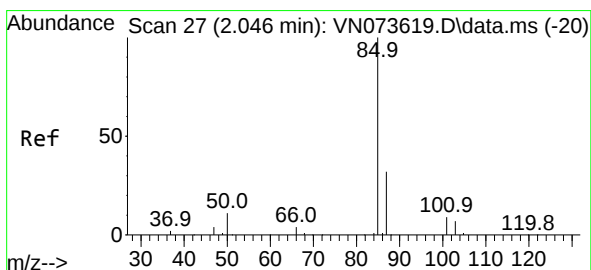
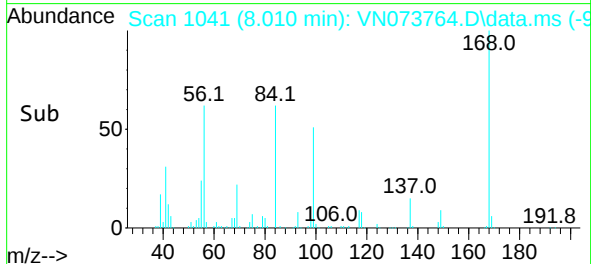
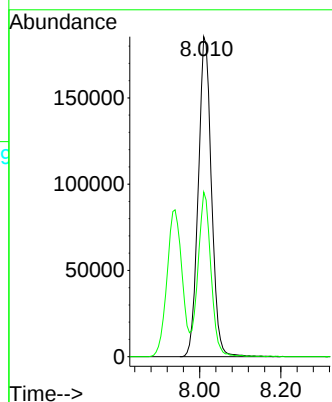
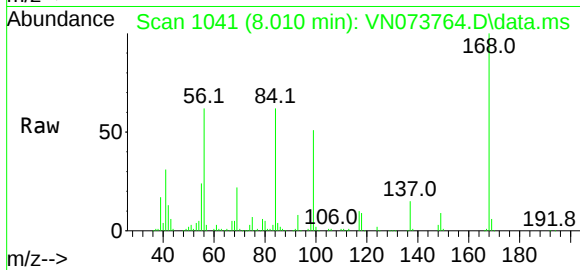
VSTDCCC050EC

Tgt Ion:168 Resp: 419728

Ion Ratio Lower Upper

168 100

99 51.5 42.3 63.5



#2

Dichlorodifluoromethane

Concen: 42.795 ug/l

RT: 2.046 min Scan# 27

Delta R.T. 0.000 min

Lab File: VN073764.D

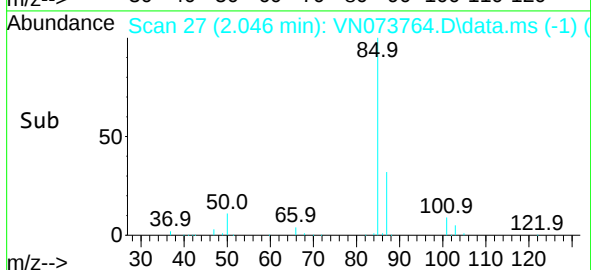
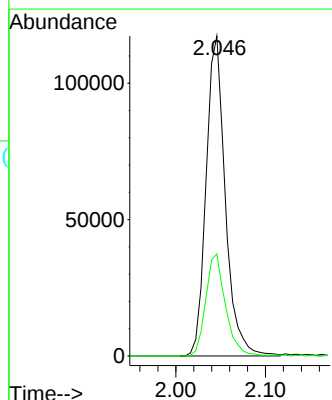
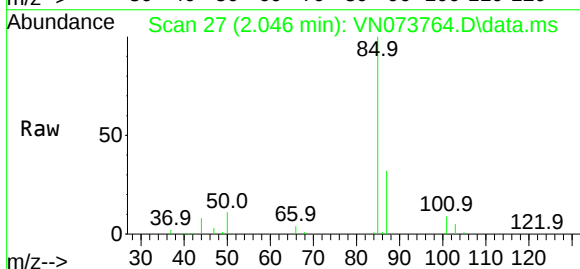
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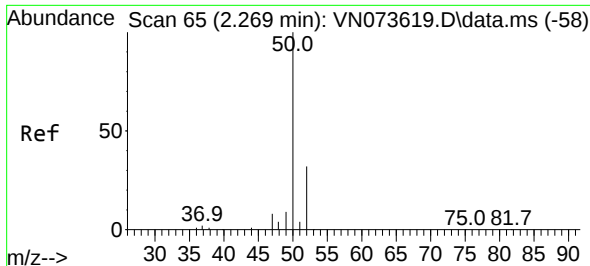
Tgt Ion: 85 Resp: 174222

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1

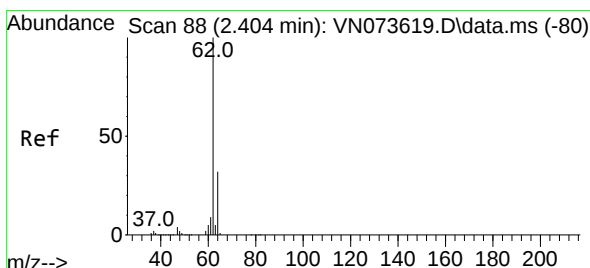
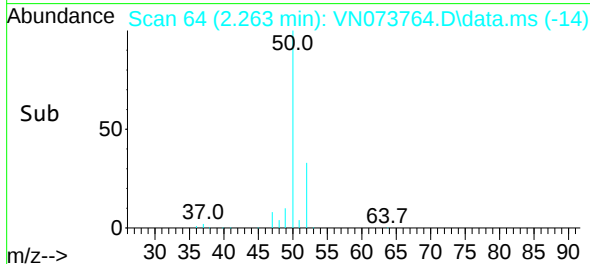
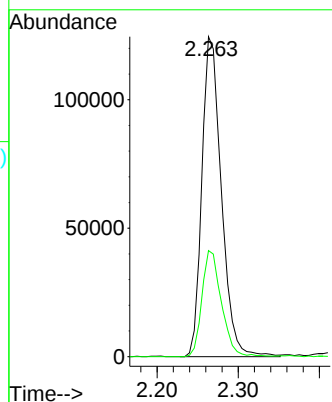
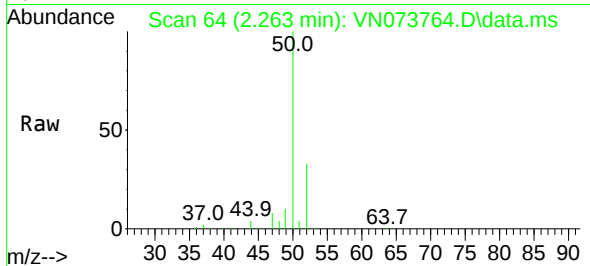




#3
Chloromethane
Concen: 42.032 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073764.D
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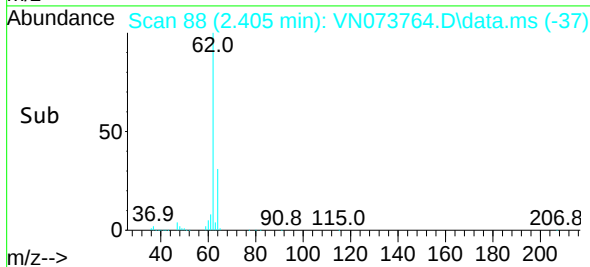
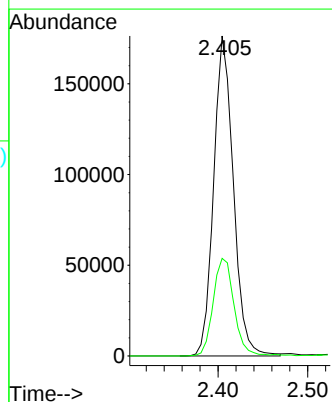
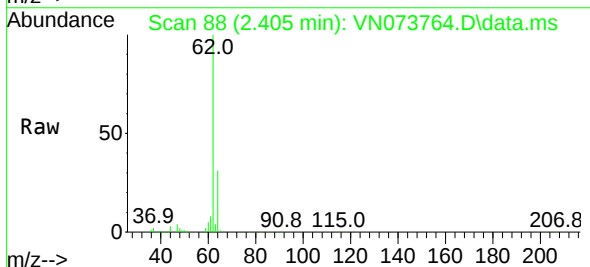
Instrument :
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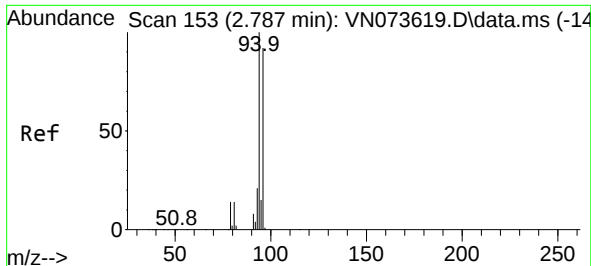
Tgt Ion: 50 Resp: 207615
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 37.786 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 62 Resp: 269036
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4

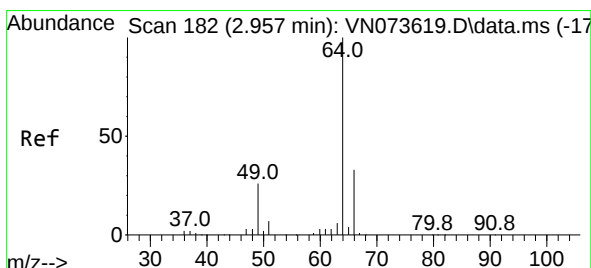
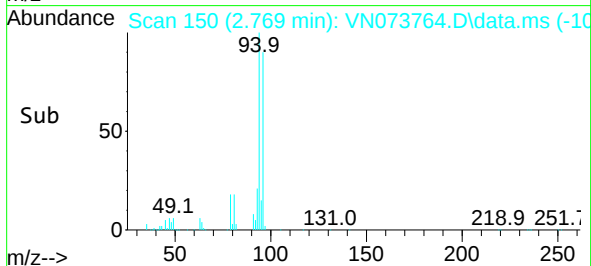
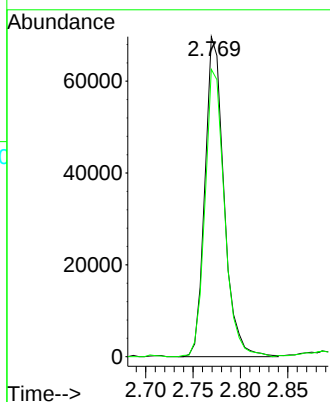
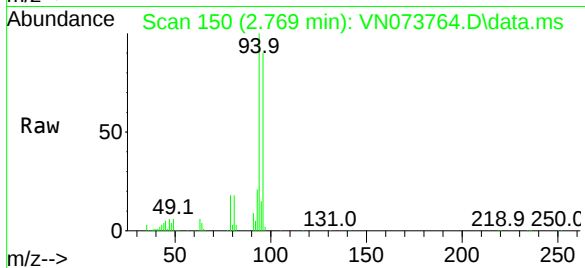




#5
Bromomethane
Concen: 23.571 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073764.D
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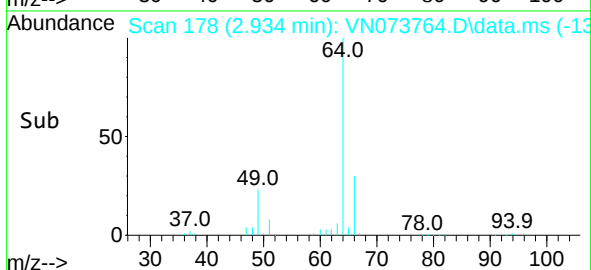
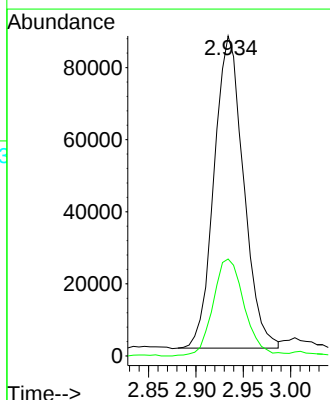
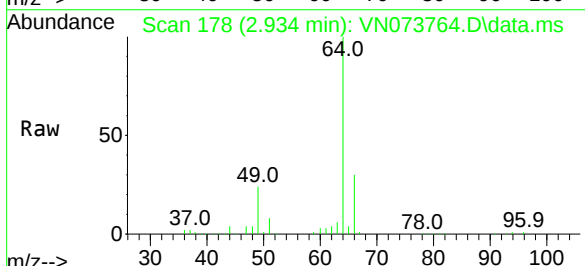
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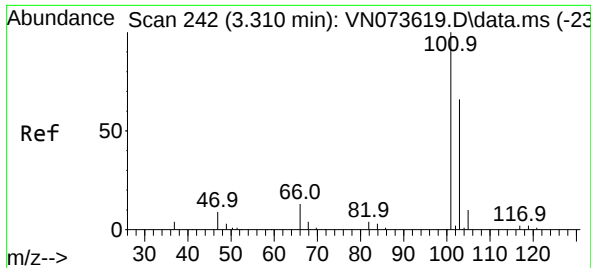
Tgt Ion: 94 Resp: 97332
Ion Ratio Lower Upper
94 100
96 89.8 76.0 114.0



#6
Chloroethane
Concen: 44.883 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.023 min
Lab File: VN073764.D
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Tgt Ion: 64 Resp: 187294
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4

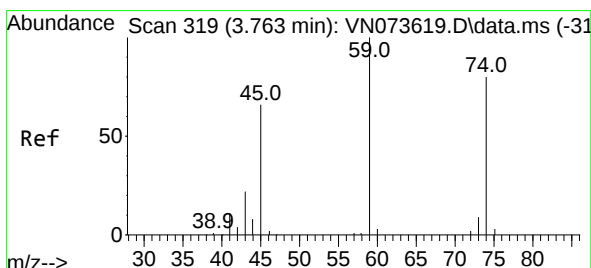
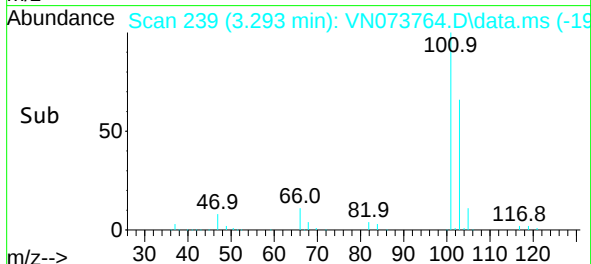
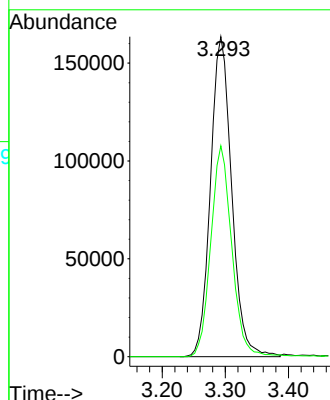
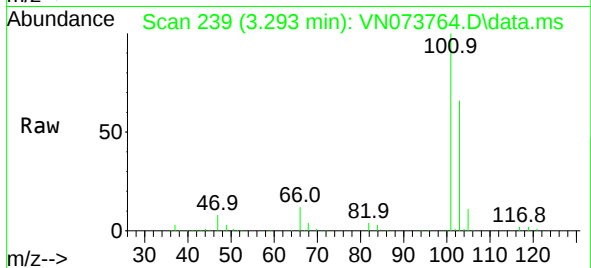




#7
 Trichlorofluoromethane
 Concen: 51.881 ug/l
 RT: 3.293 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

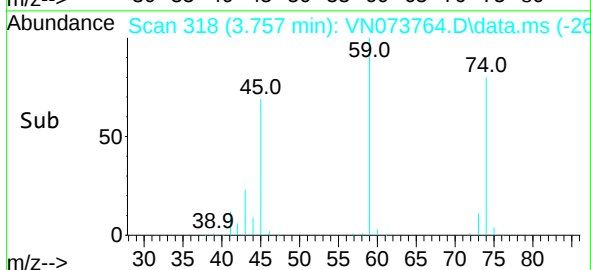
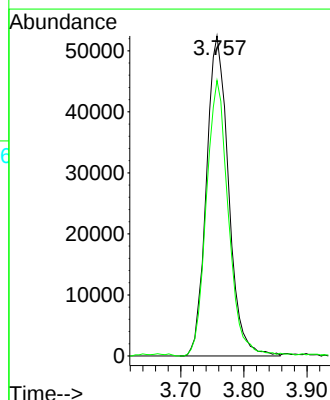
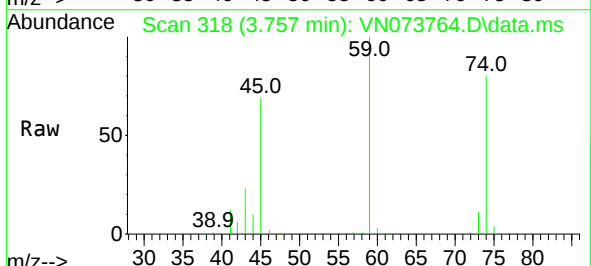
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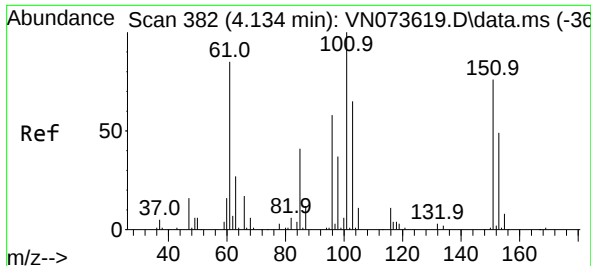
Tgt Ion:101 Resp: 380698
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 46.378 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

Tgt Ion: 74 Resp: 127787
 Ion Ratio Lower Upper
 74 100
 45 86.0 42.9 128.5

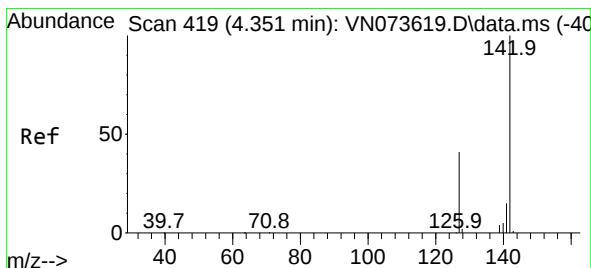
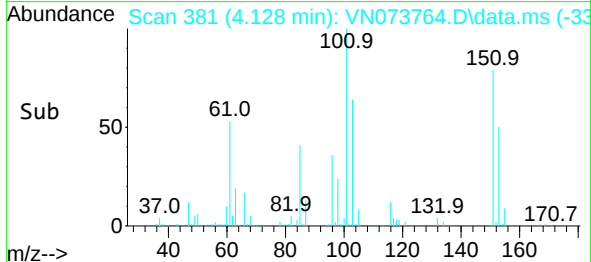
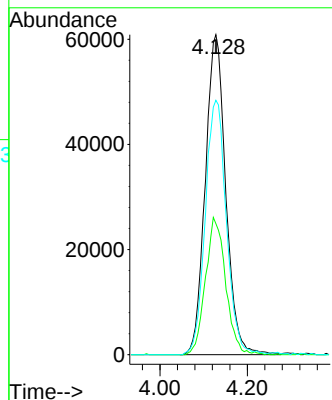
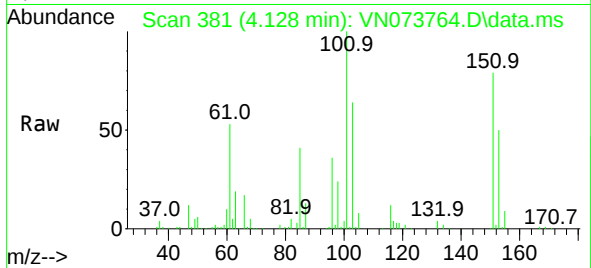




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.925 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

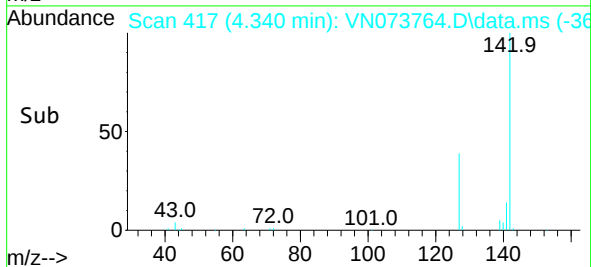
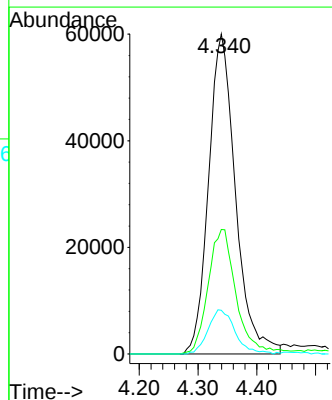
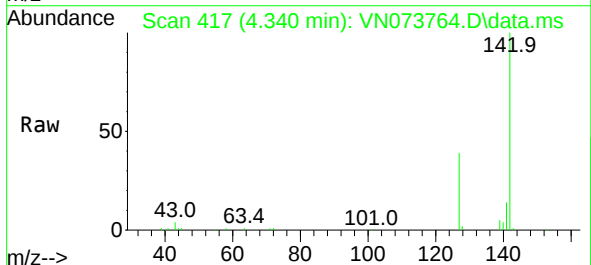
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

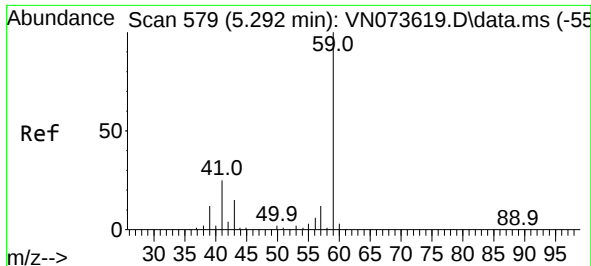
Tgt Ion:101 Resp: 198628
Ion Ratio Lower Upper
101 100
85 42.1 34.7 52.1
151 82.0 63.0 94.4



#10
Methyl Iodide
Concen: 46.229 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:142 Resp: 190798
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 13.9 11.2 16.8

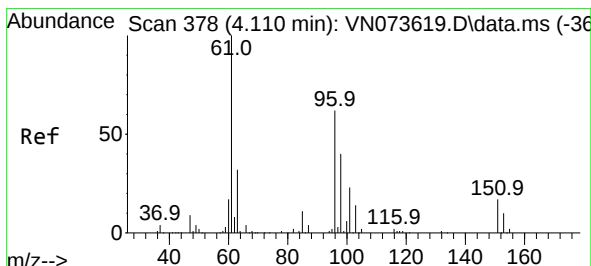
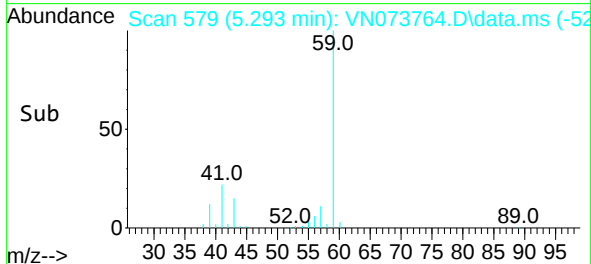
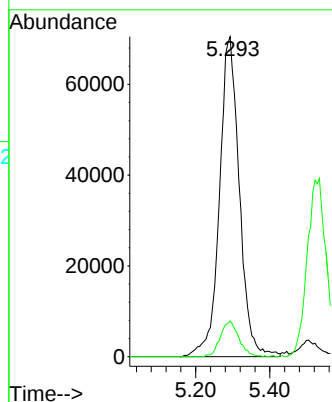
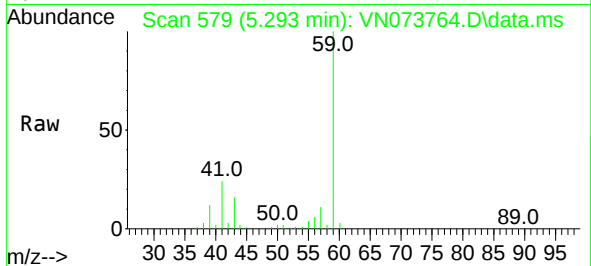




#11
Tert butyl alcohol
Concen: 238.035 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

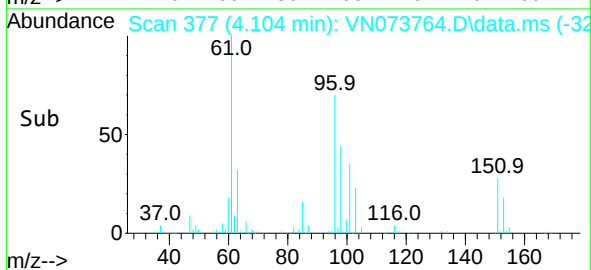
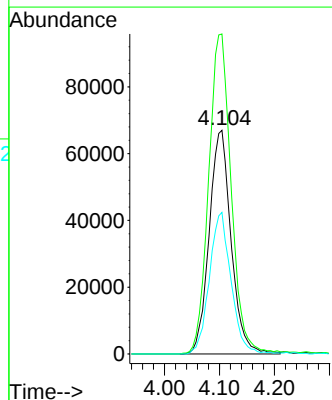
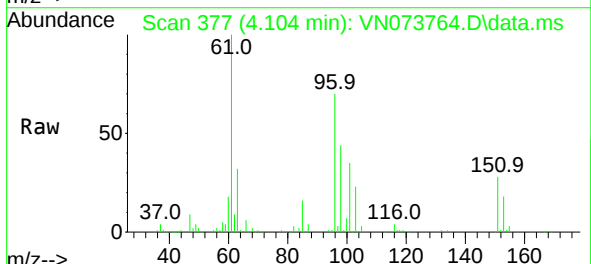
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

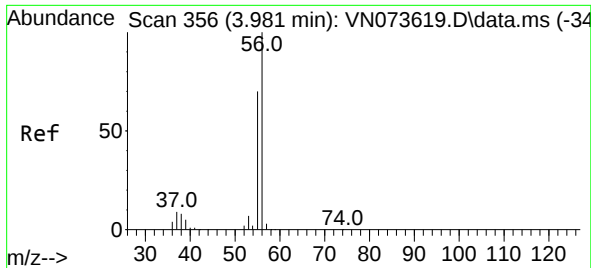
Tgt Ion: 59 Resp: 262585
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.670 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 96 Resp: 185850
Ion Ratio Lower Upper
96 100
61 143.0 127.6 191.4
98 63.3 51.2 76.8

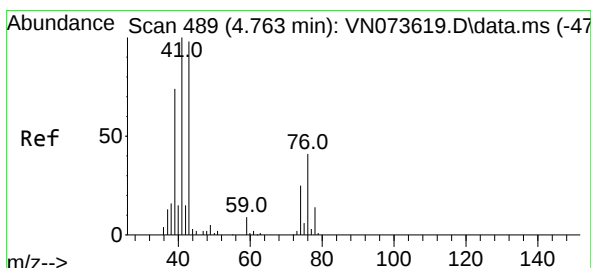
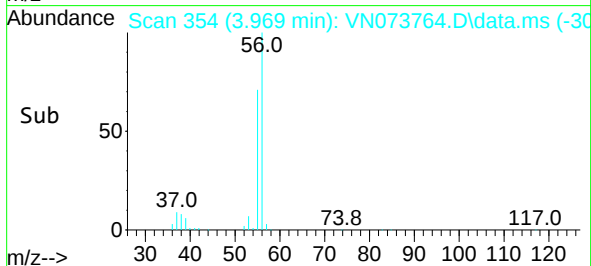
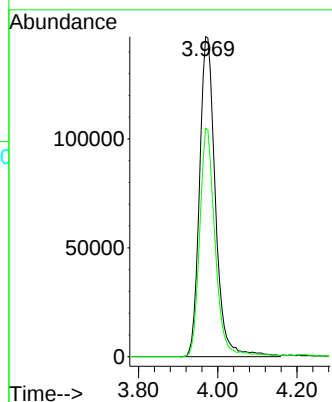
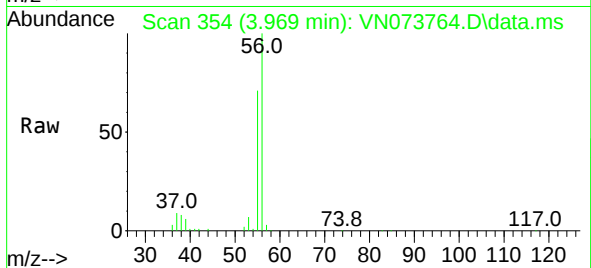




#13
Acrolein
Concen: 372.244 ug/l
RT: 3.969 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

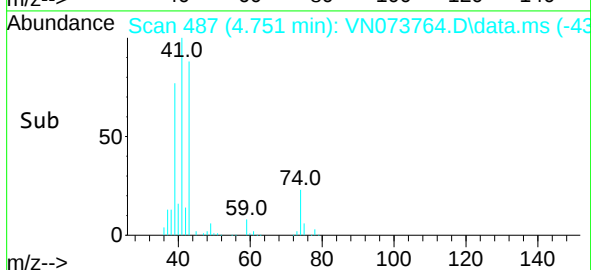
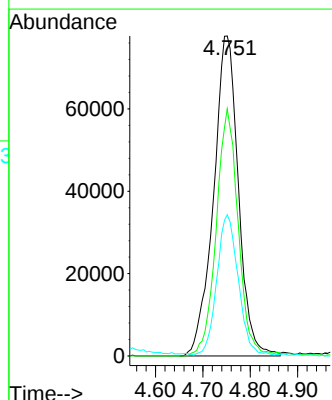
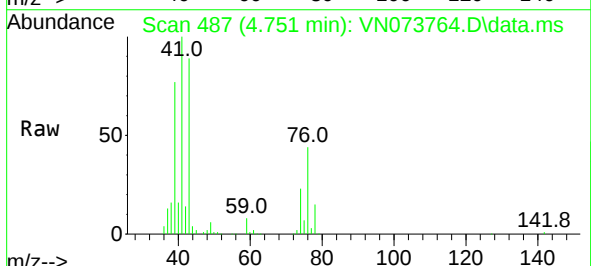
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

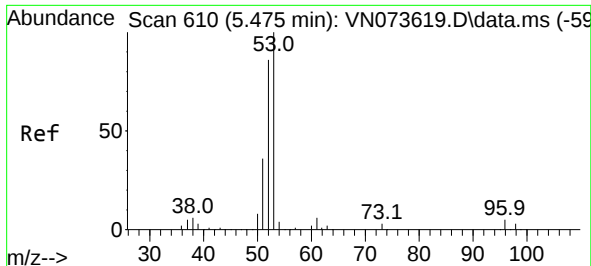
Tgt Ion: 56 Resp: 407102
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2



#14
Allyl chloride
Concen: 44.523 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 41 Resp: 283468
Ion Ratio Lower Upper
41 100
39 67.8 53.2 79.8
76 37.6 29.9 44.9

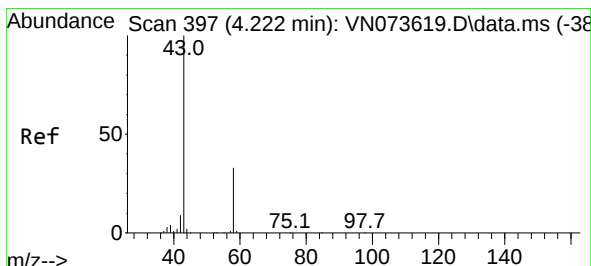
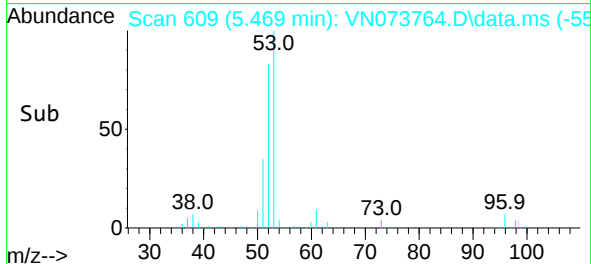
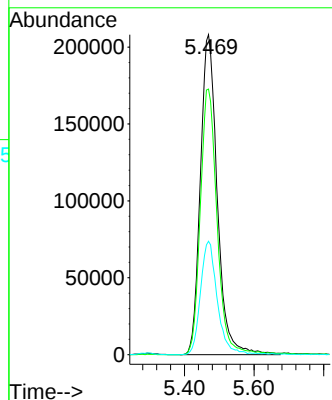
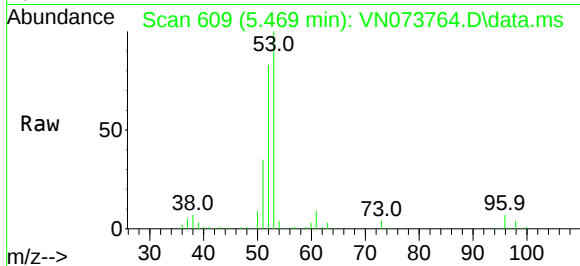




#15
Acrylonitrile
Concen: 230.115 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

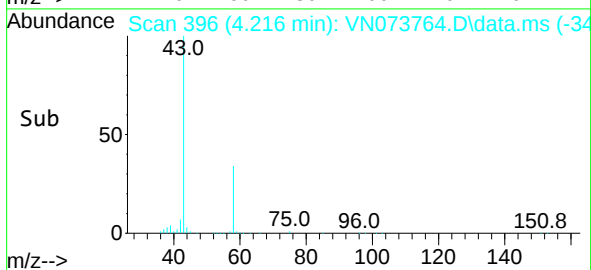
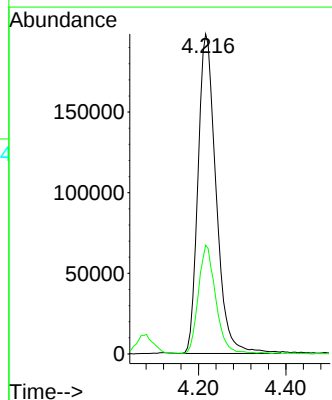
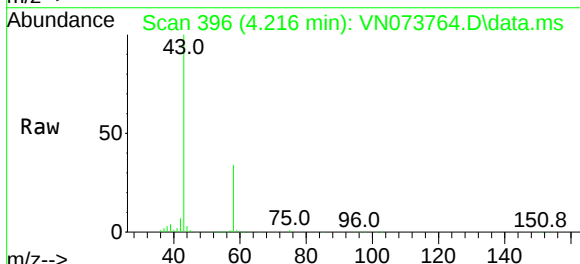
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

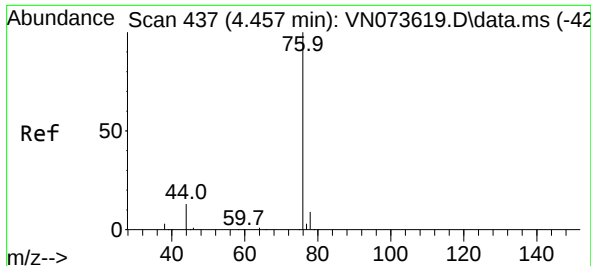
Tgt Ion: 53 Resp: 702192
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.4 28.5 42.7



#16
Acetone
Concen: 207.772 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 43 Resp: 570821
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0

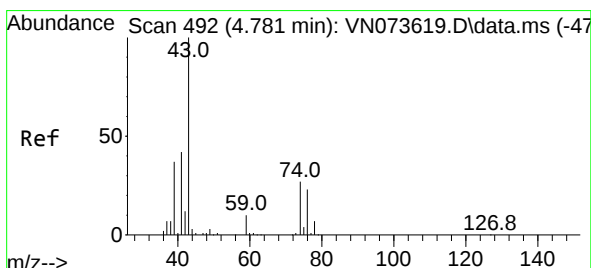
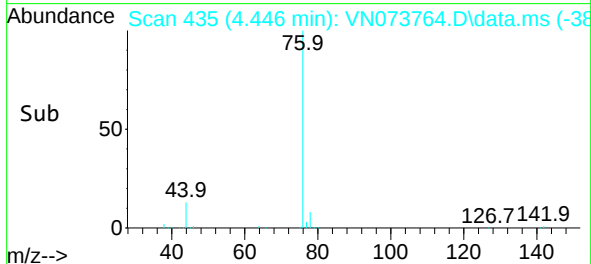
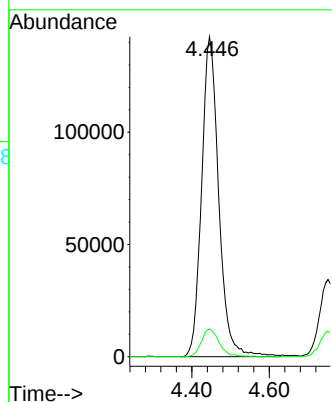
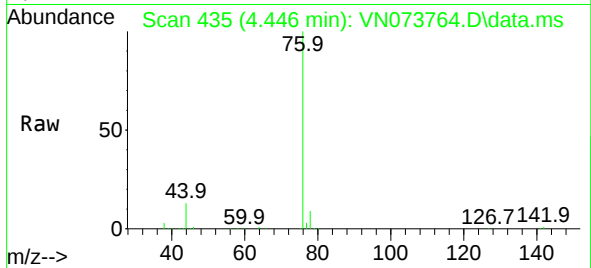




#17
Carbon Disulfide
Concen: 41.358 ug/l
RT: 4.446 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

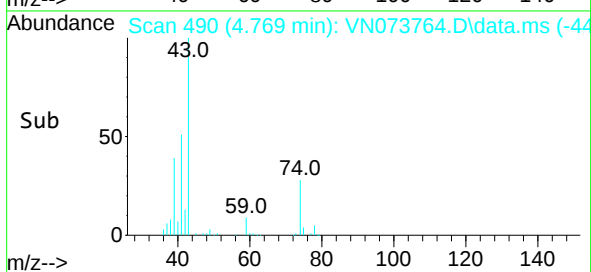
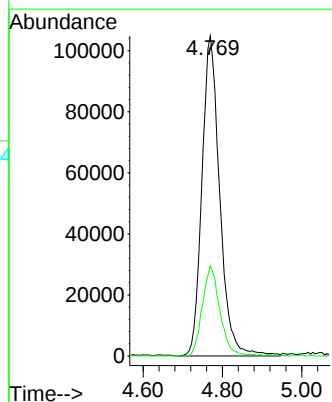
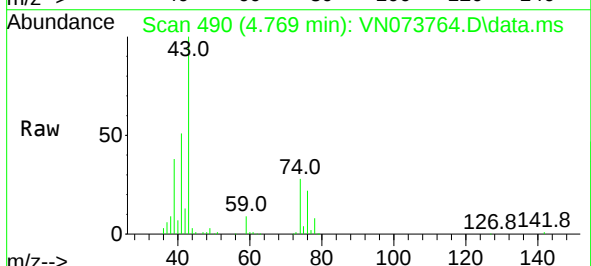
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

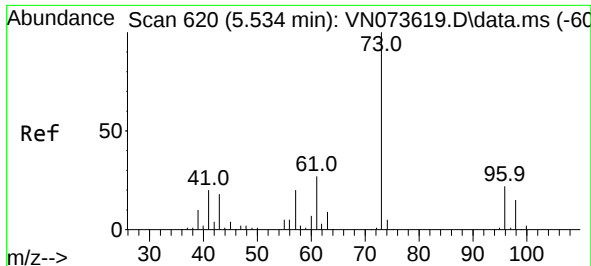
Tgt Ion: 76 Resp: 436703
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 47.797 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 43 Resp: 326695
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4

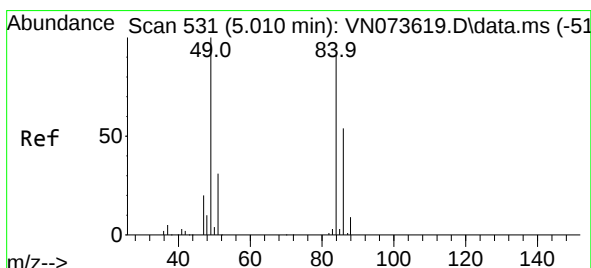
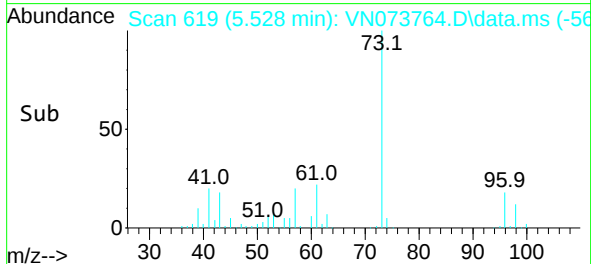
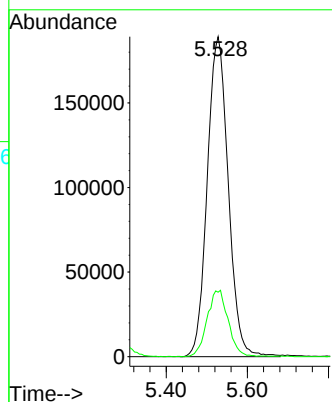
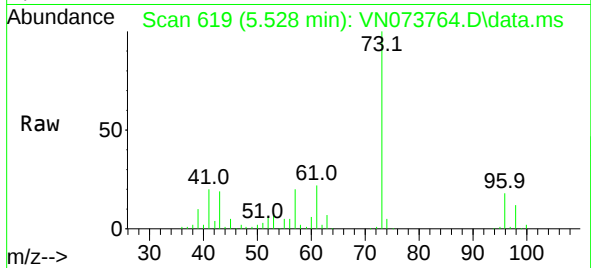




#19
Methyl tert-butyl Ether
Concen: 49.882 ug/l
RT: 5.528 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

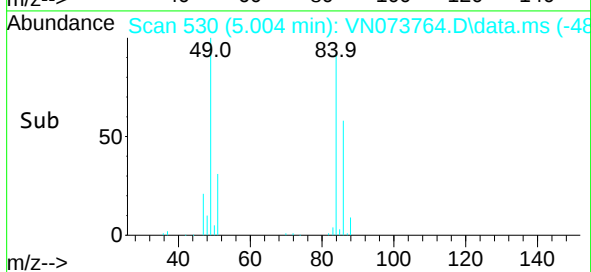
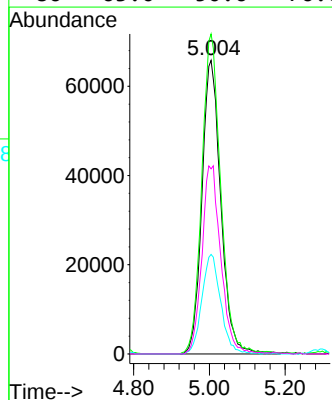
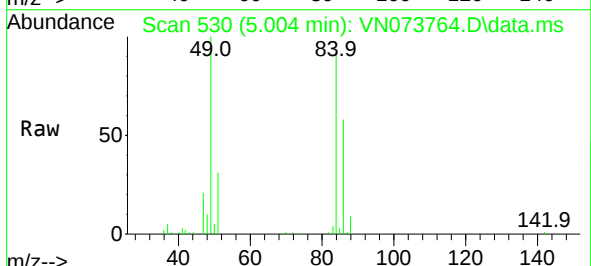
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

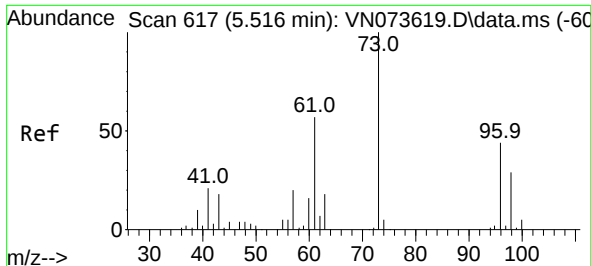
Tgt Ion: 73 Resp: 678612
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4



#20
Methylene Chloride
Concen: 51.334 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 84 Resp: 227890
Ion Ratio Lower Upper
84 100
49 109.0 88.3 132.5
51 33.9 28.2 42.2
86 63.0 50.6 76.0

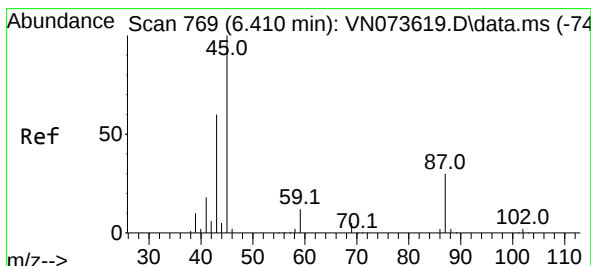
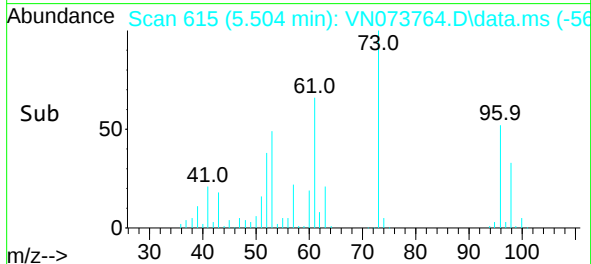
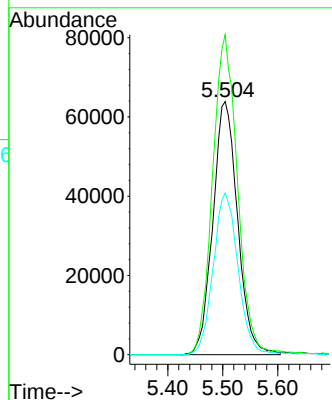
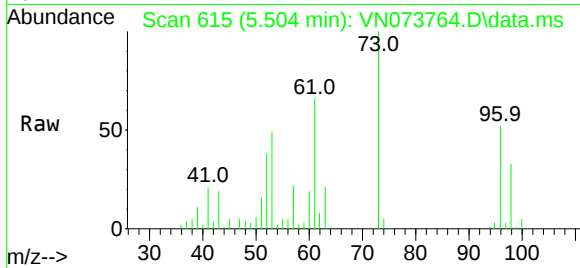




#21
trans-1,2-Dichloroethene
Concen: 46.342 ug/l
RT: 5.504 min Scan# 617
Delta R.T. -0.012 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

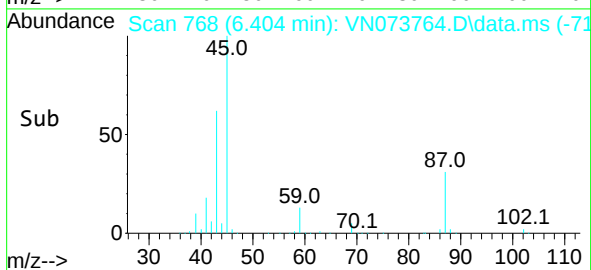
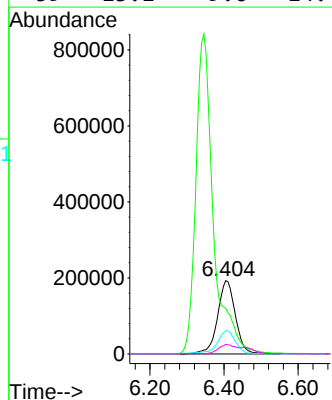
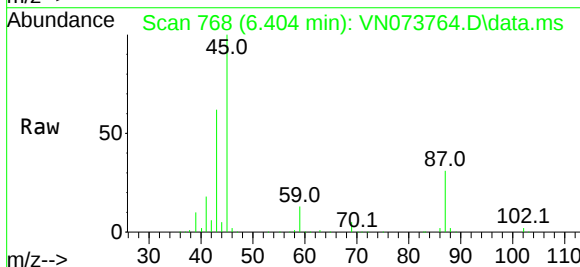
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

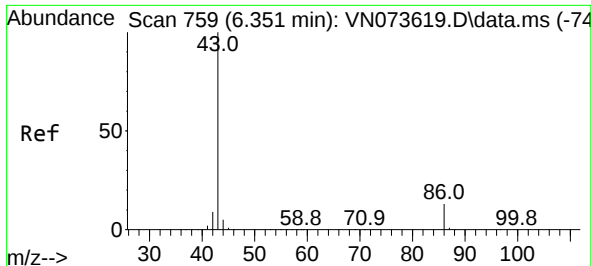
Tgt Ion: 96 Resp: 199772
Ion Ratio Lower Upper
96 100
61 126.5 105.8 158.8
98 63.9 50.3 75.5



#22
Diisopropyl ether
Concen: 46.927 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 45 Resp: 644579
Ion Ratio Lower Upper
45 100
43 61.5 46.6 70.0
87 31.3 24.3 36.5
59 13.1 9.6 14.4

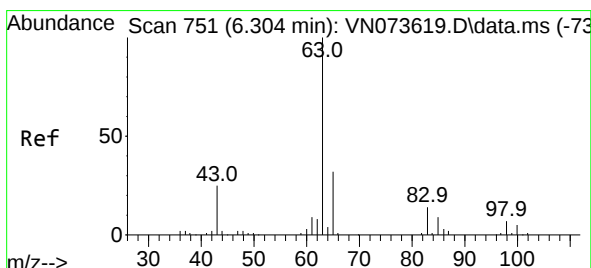
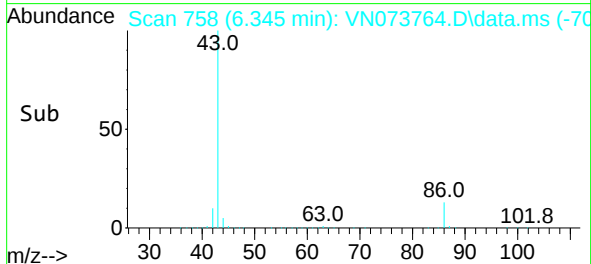
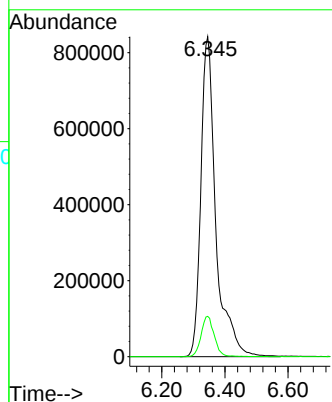
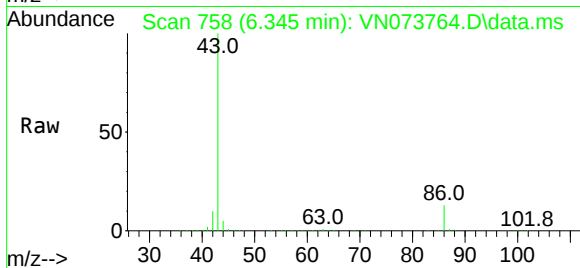




#23
 Vinyl Acetate
 Concen: 240.419 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

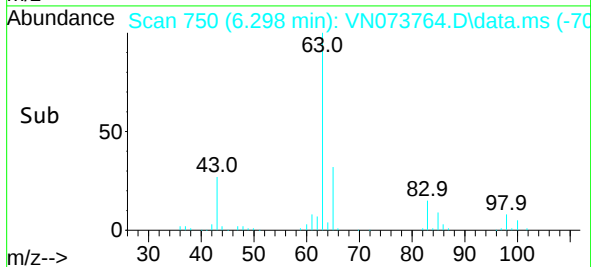
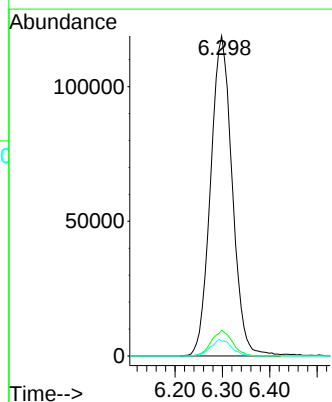
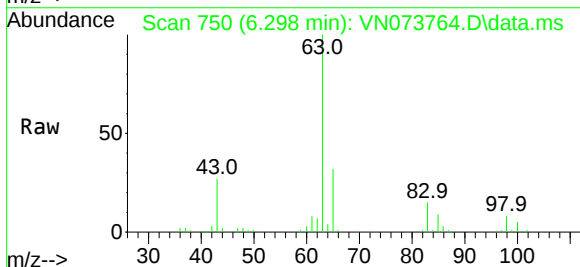
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

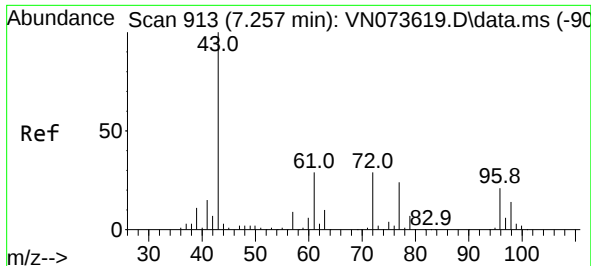
Tgt Ion: 43 Resp: 2768738
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 44.640 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

Tgt Ion: 63 Resp: 377222
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 224.551 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

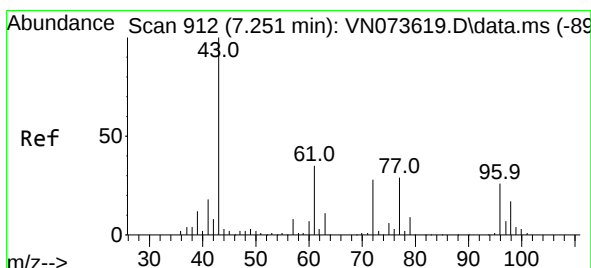
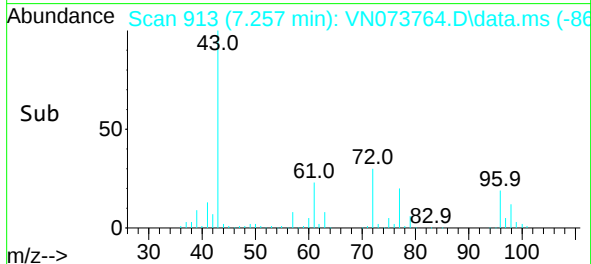
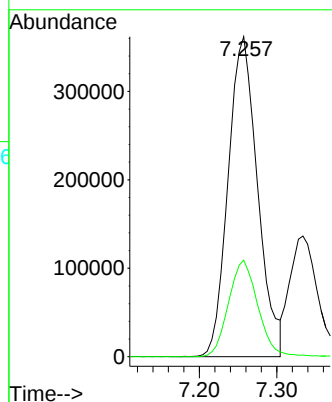
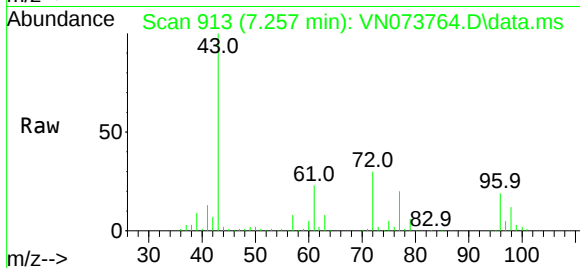
VSTDCCC050EC

Tgt Ion: 43 Resp: 958059

Ion Ratio Lower Upper

43 100

72 30.1 23.7 35.5



#26

2,2-Dichloropropane

Concen: 44.752 ug/l

RT: 7.240 min Scan# 910

Delta R.T. -0.012 min

Lab File: VN073764.D

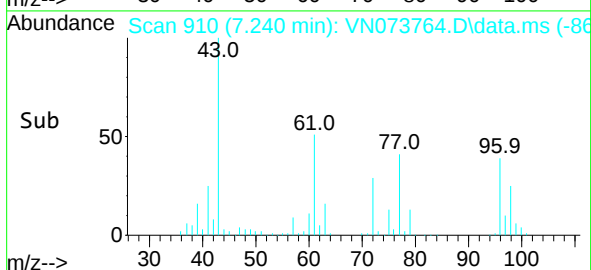
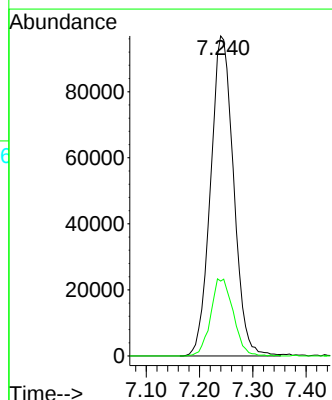
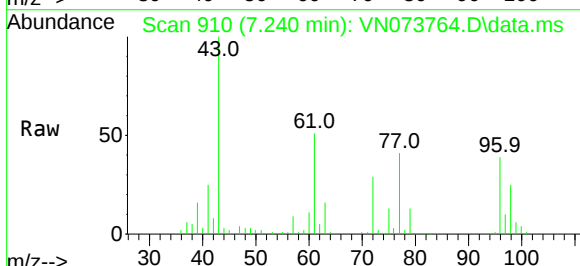
Acq: 05 Aug 2022 17:09

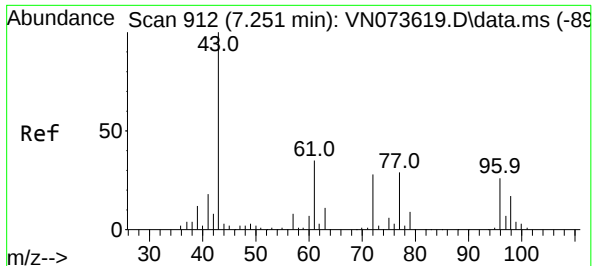
Tgt Ion: 77 Resp: 290955

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.203 ug/l

RT: 7.240 min Scan# 912

Delta R.T. -0.012 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

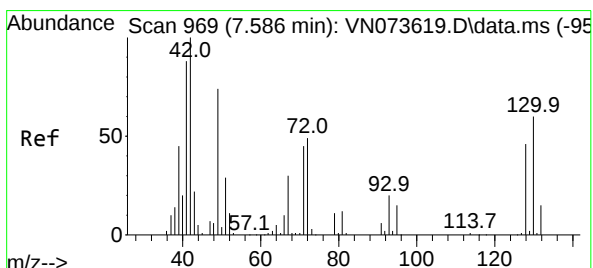
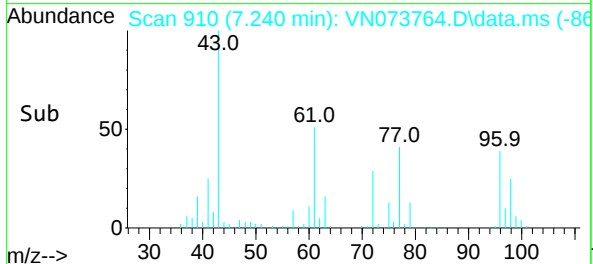
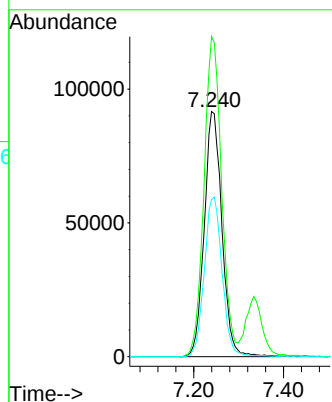
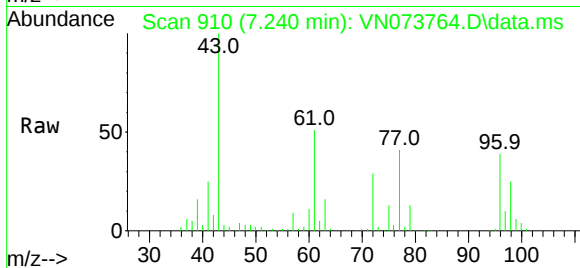
Tgt Ion: 96 Resp: 250705

Ion Ratio Lower Upper

96 100

61 130.0 0.0 280.6

98 65.7 0.0 128.4



#28

Bromochloromethane

Concen: 44.486 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.006 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

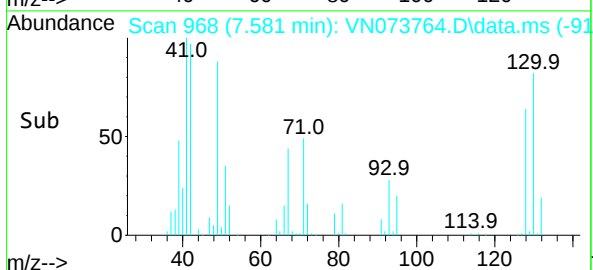
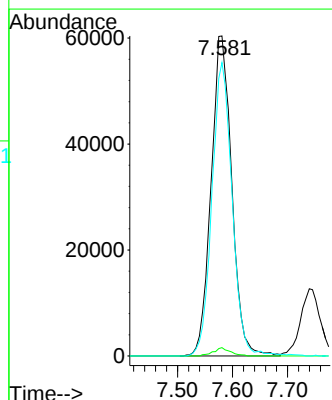
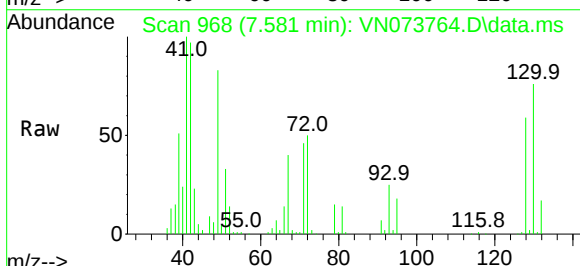
Tgt Ion: 49 Resp: 157844

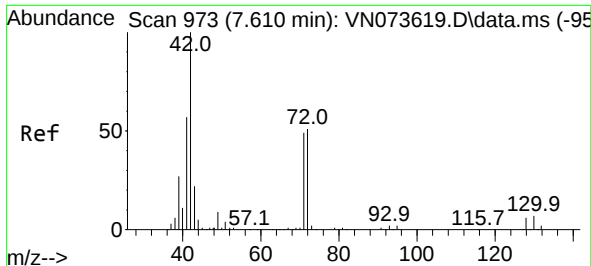
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 89.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 225.114 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

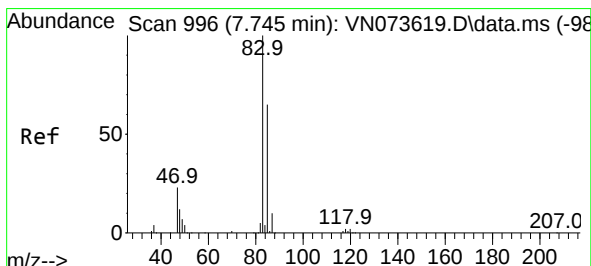
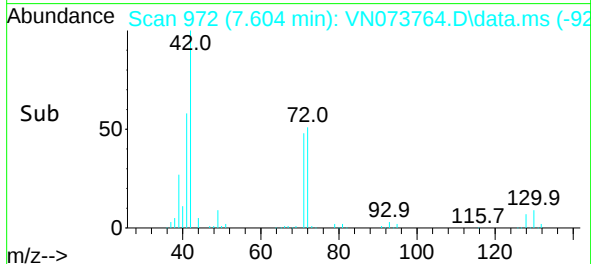
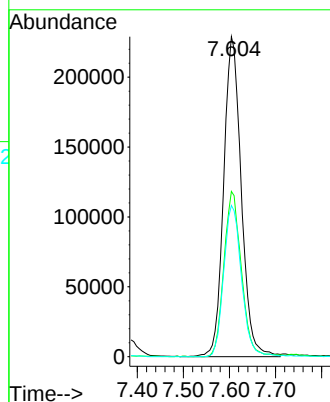
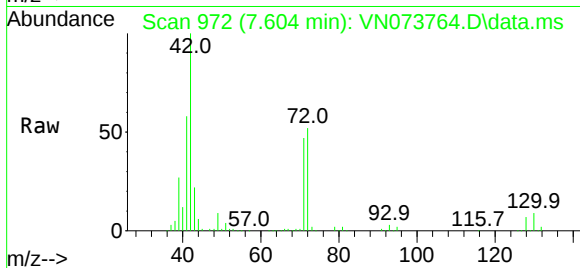
Tgt Ion: 42 Resp: 607251

Ion Ratio Lower Upper

42 100

72 51.4 39.7 59.5

71 47.7 36.6 55.0



#30

Chloroform

Concen: 46.246 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN073764.D

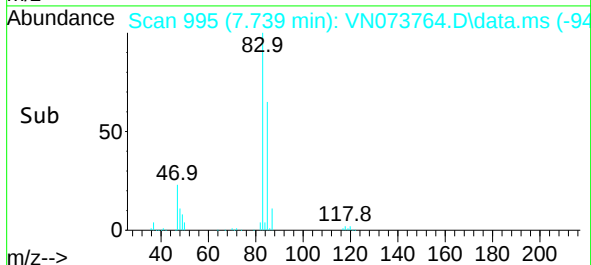
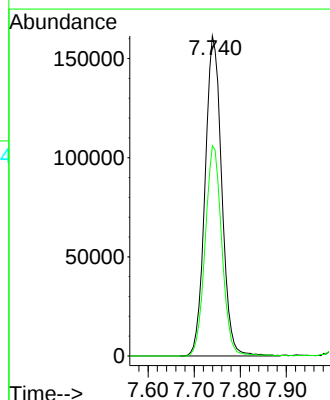
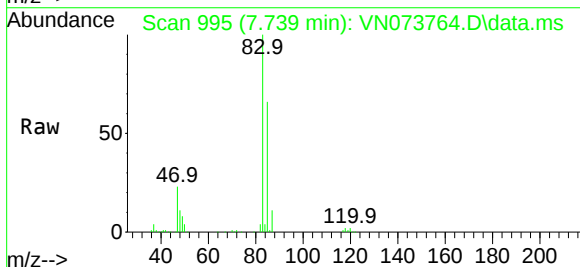
Acq: 05 Aug 2022 17:09

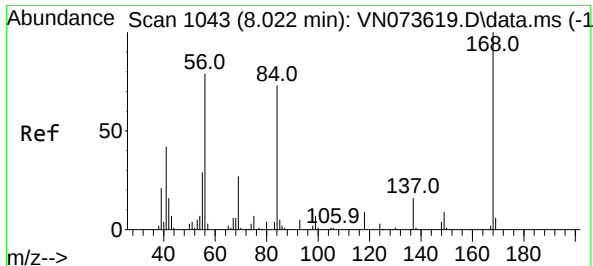
Tgt Ion: 83 Resp: 407169

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

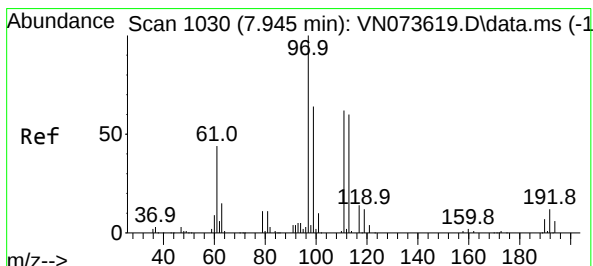
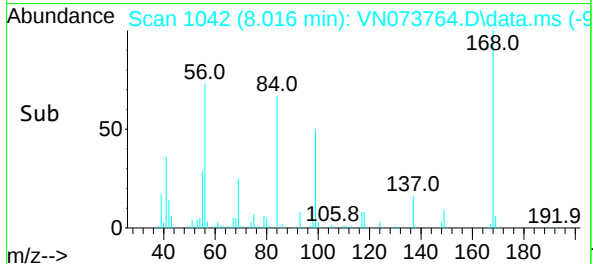
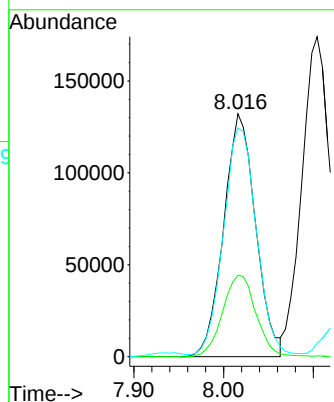
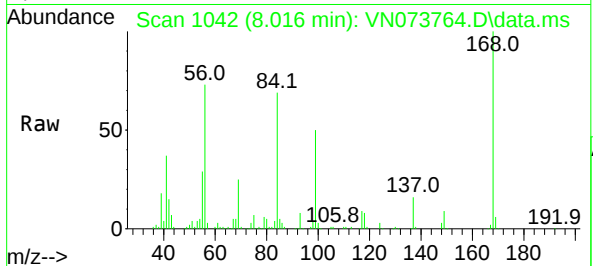




#31
Cyclohexane
Concen: 42.910 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

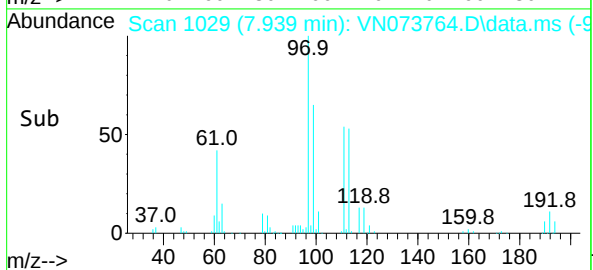
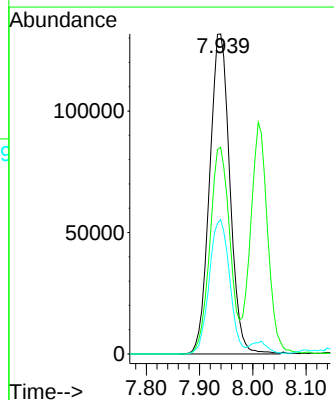
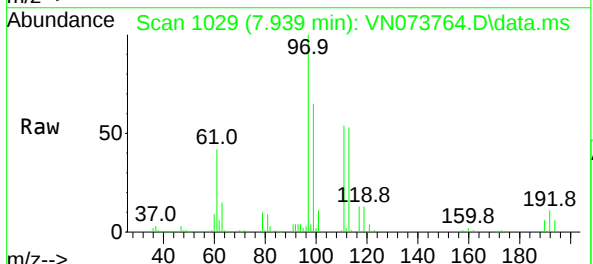
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

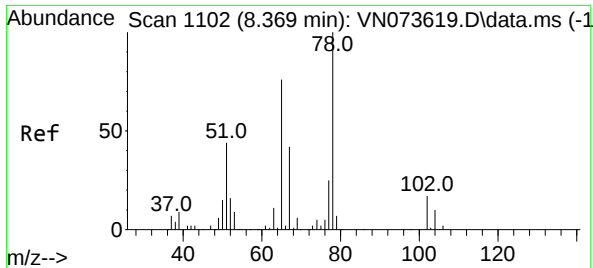
Tgt Ion: 56 Resp: 326772
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.8
84 93.0 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 47.666 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 97 Resp: 348458
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 42.3 36.0 54.0

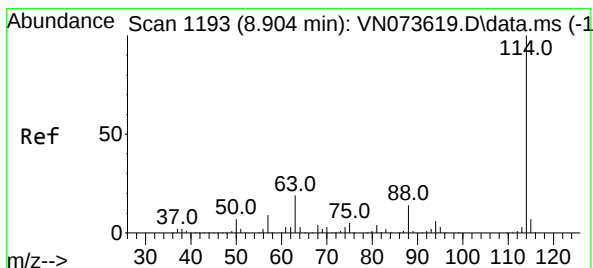
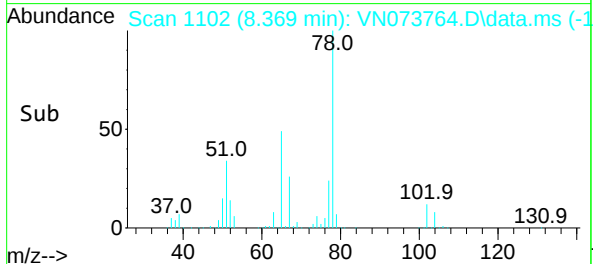
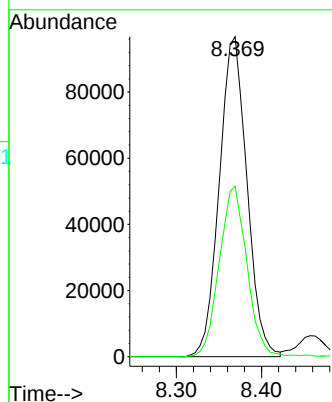
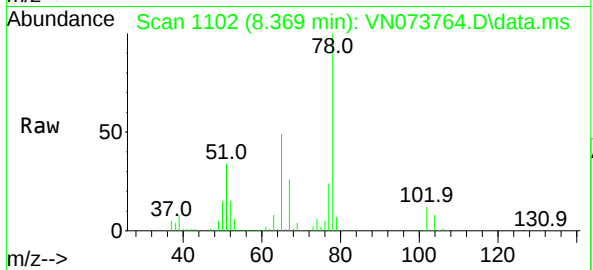




#33
1,2-Dichloroethane-d4
Concen: 42.635 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

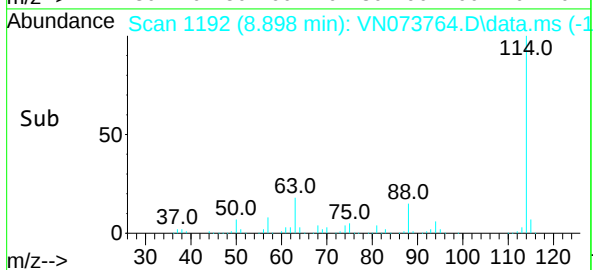
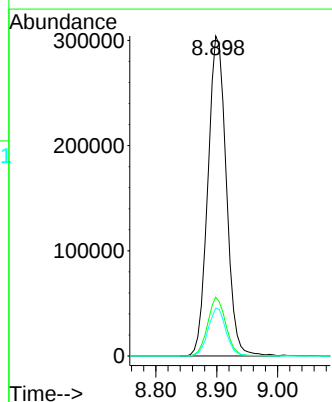
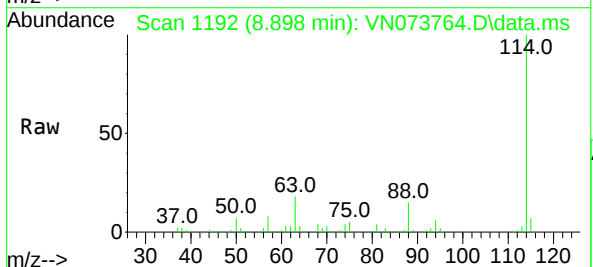
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

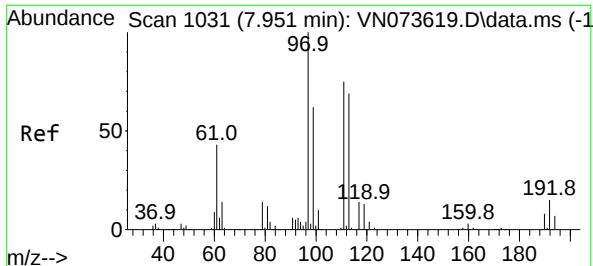
Tgt Ion: 65 Resp: 218080
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 114 Resp: 638416
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.085 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

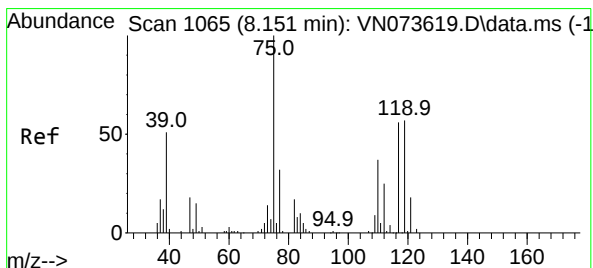
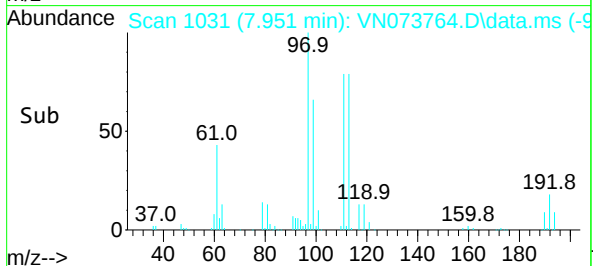
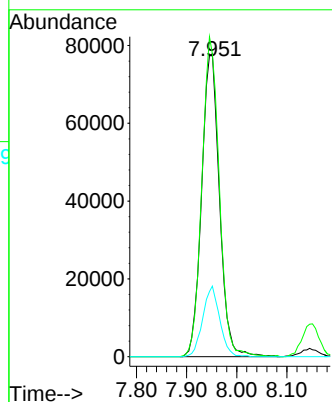
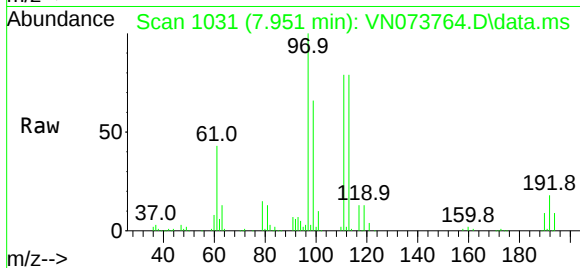
Tgt Ion:113 Resp: 192764

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 22.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.564 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

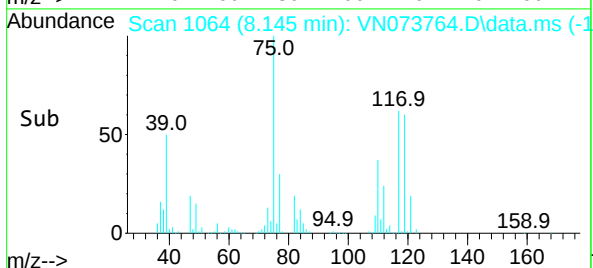
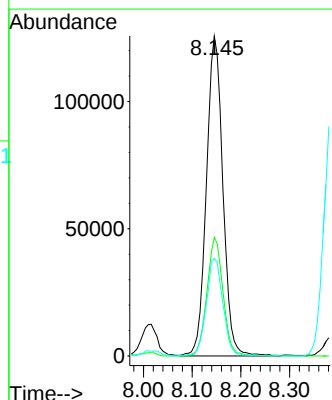
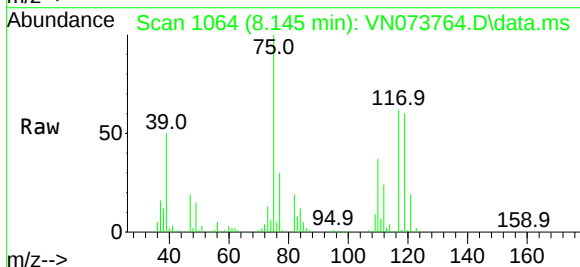
Tgt Ion: 75 Resp: 294615

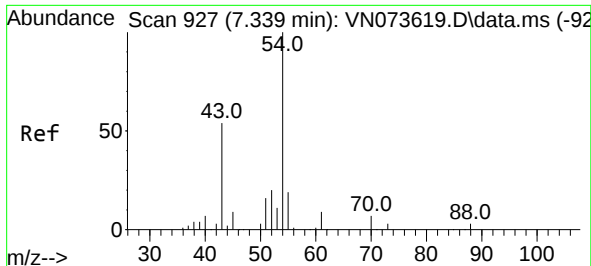
Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

77 30.8 25.1 37.7

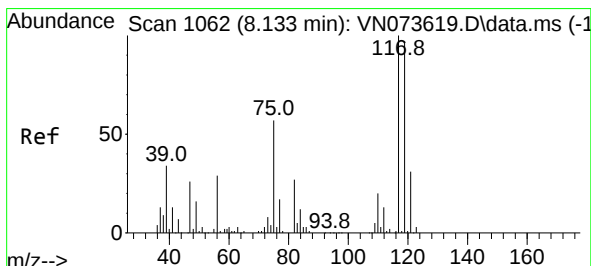
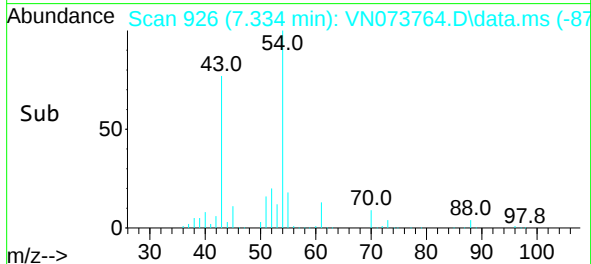
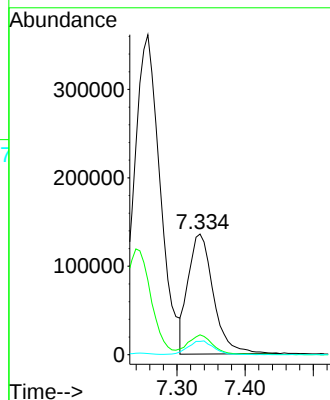
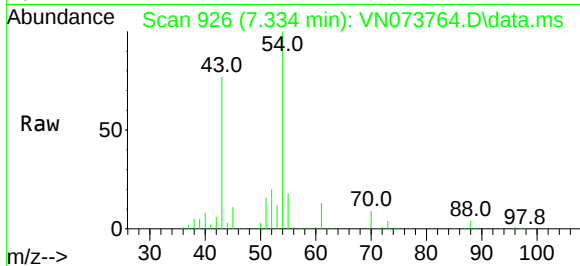




#37
Ethyl Acetate
Concen: 46.123 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

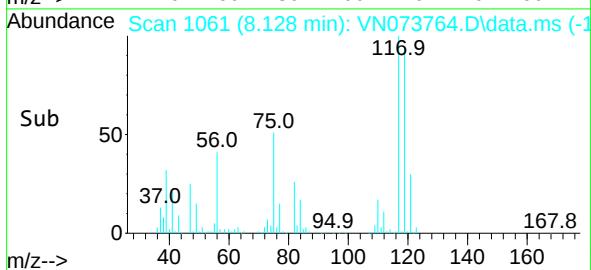
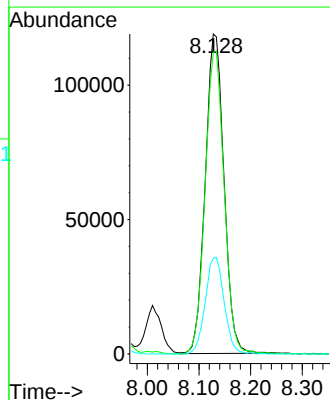
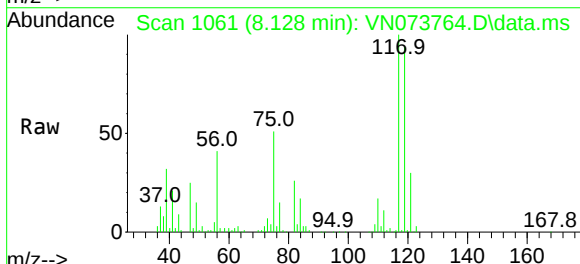
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

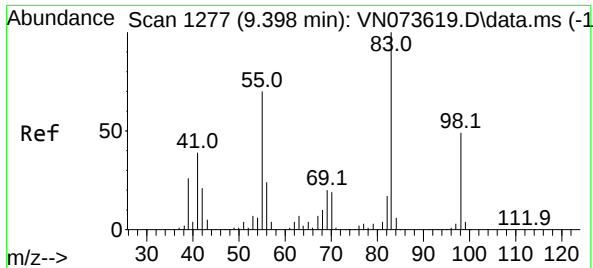
Tgt Ion: 43 Resp: 347056
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.622 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 117 Resp: 299560
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
121 29.9 24.6 37.0

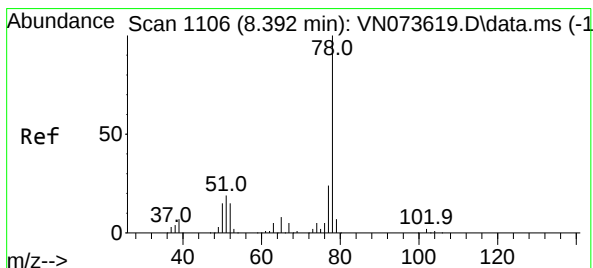
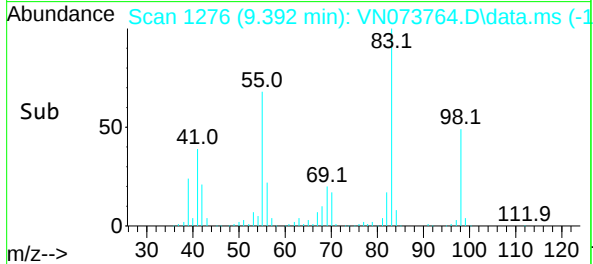
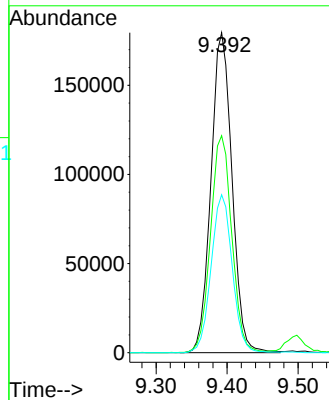
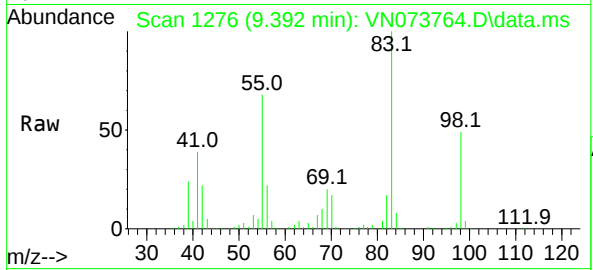




#39
Methylcyclohexane
Concen: 54.071 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

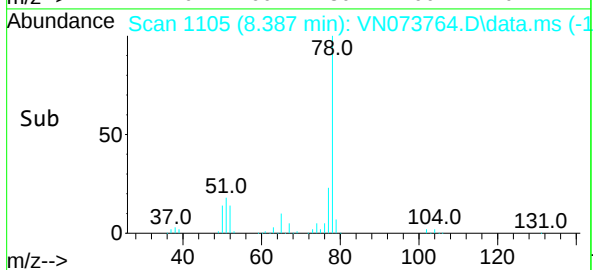
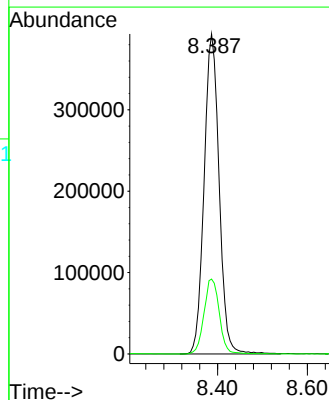
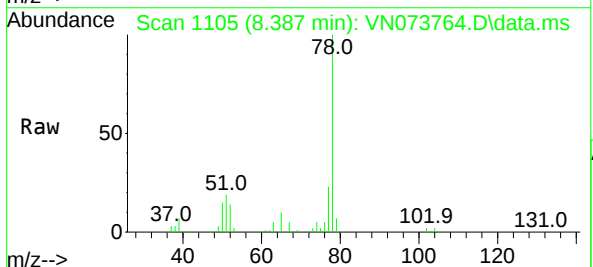
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

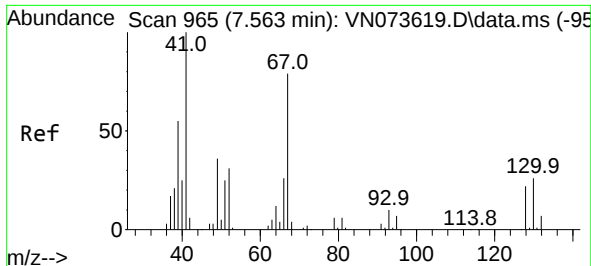
Tgt Ion: 83 Resp: 369175
Ion Ratio Lower Upper
83 100
55 67.7 57.8 86.8
98 49.3 39.4 59.2



#40
Benzene
Concen: 49.163 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 78 Resp: 912151
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



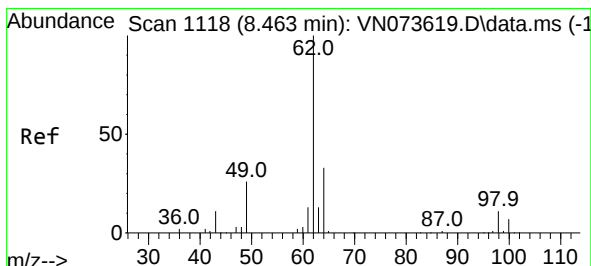
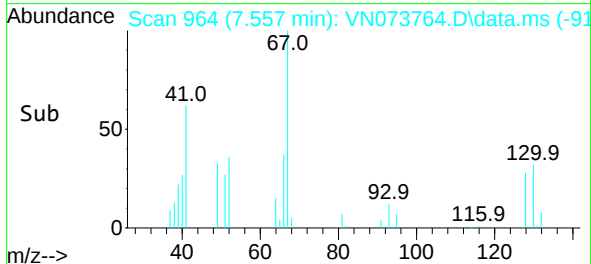
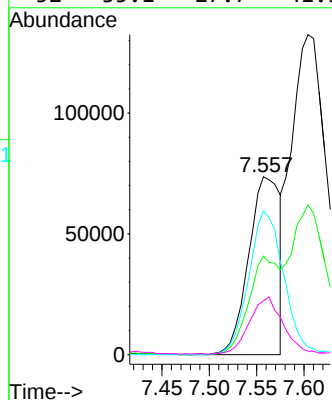
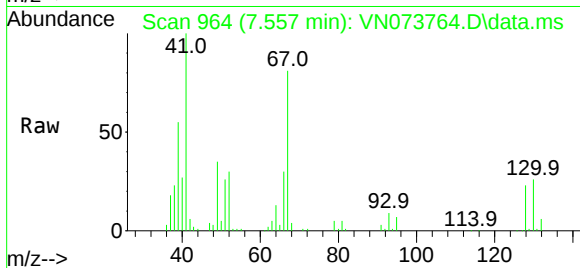


#41
Methacrylonitrile
Concen: 49.541 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 168683

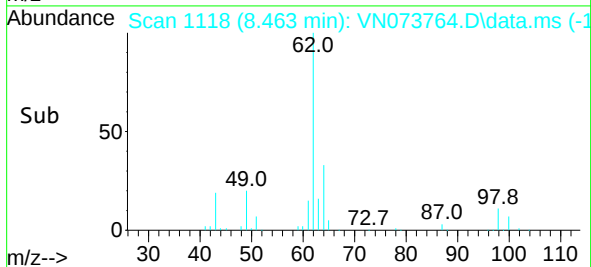
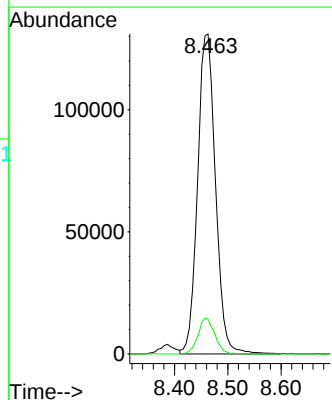
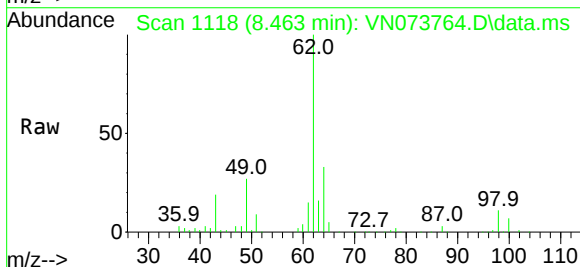
Ion	Ratio	Lower	Upper
41	100		
39	54.1	48.6	73.0
67	91.5	73.4	110.2
52	35.1	27.7	41.5

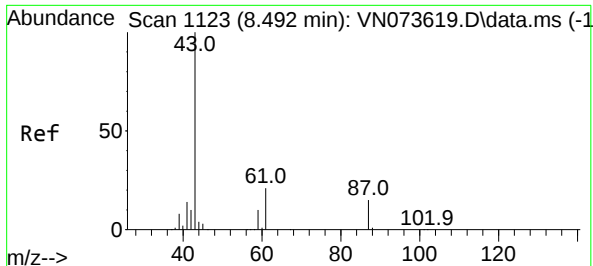


#42
1,2-Dichloroethane
Concen: 48.943 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 62 Resp: 306038

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4

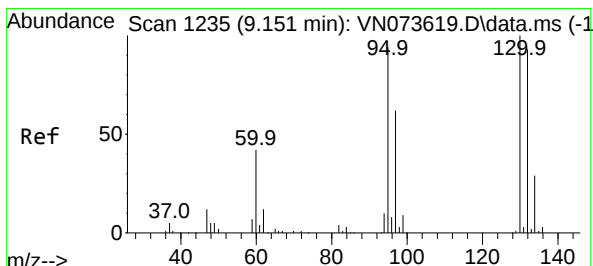
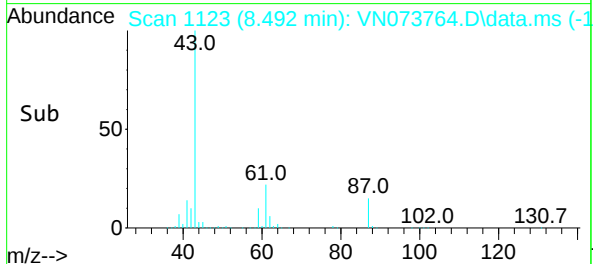
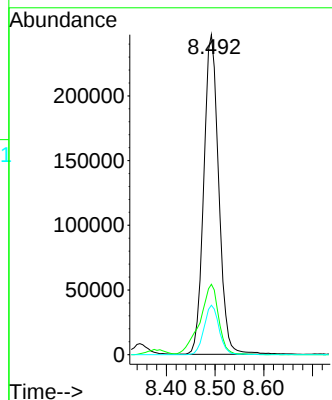
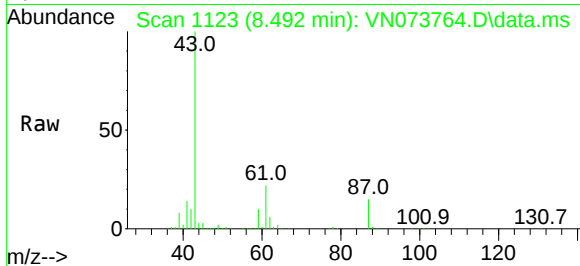




#43
Isopropyl Acetate
Concen: 51.712 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

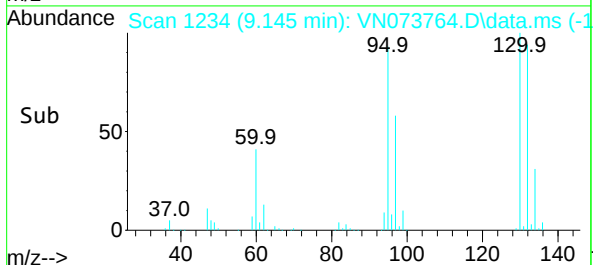
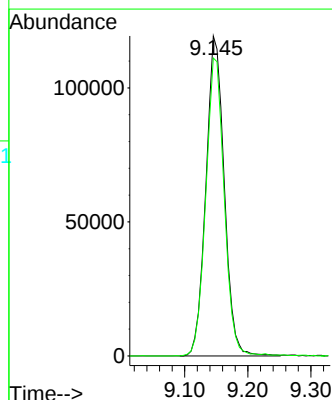
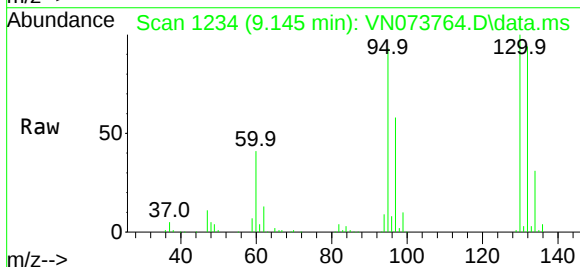
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

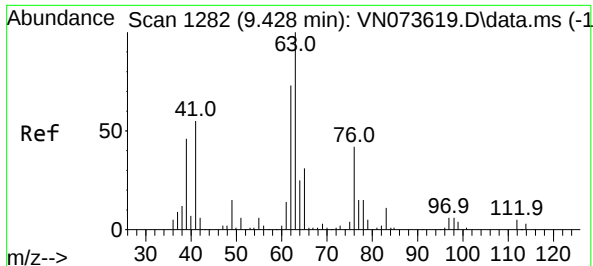
Tgt Ion: 43 Resp: 525565
Ion Ratio Lower Upper
43 100
61 27.8 21.9 32.9
87 15.6 12.0 18.0



#44
Trichloroethene
Concen: 51.113 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 130 Resp: 240486
Ion Ratio Lower Upper
130 100
95 93.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.367 ug/l

RT: 9.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

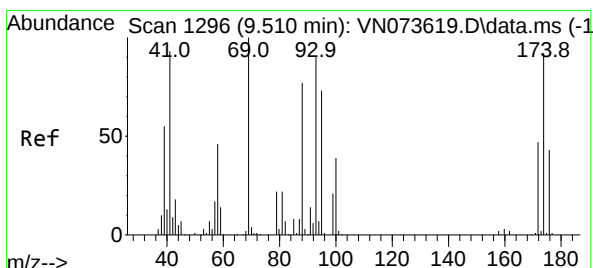
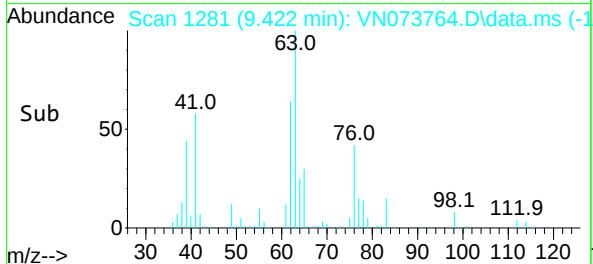
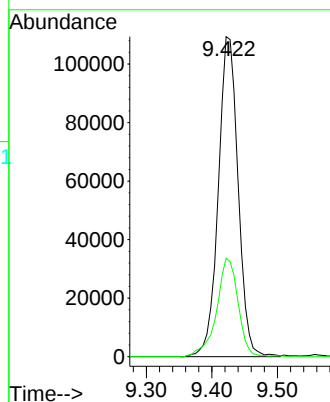
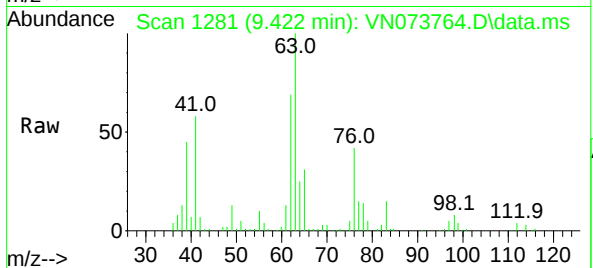
VSTDCCC050EC

Tgt Ion: 63 Resp: 228942

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 51.832 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

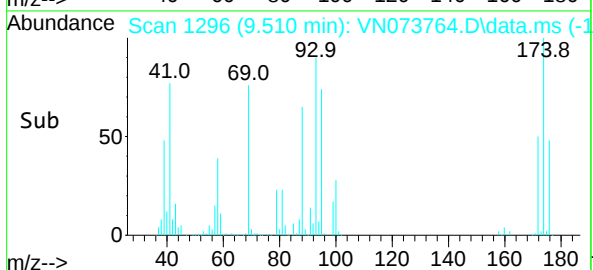
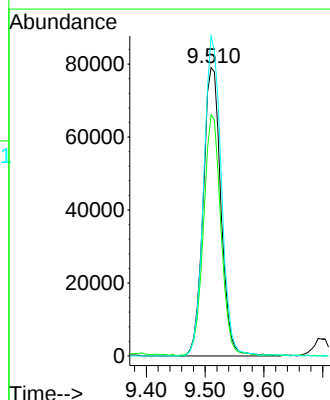
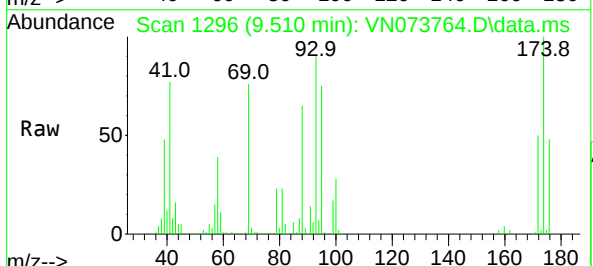
Tgt Ion: 93 Resp: 166831

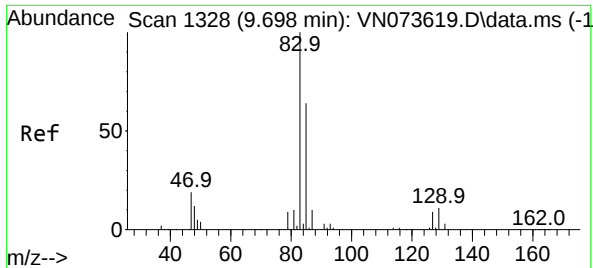
Ion Ratio Lower Upper

93 100

95 82.1 66.9 100.3

174 108.9 86.6 130.0

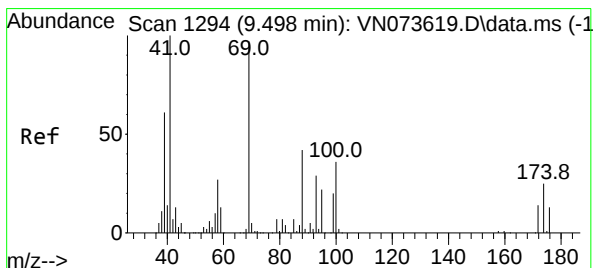
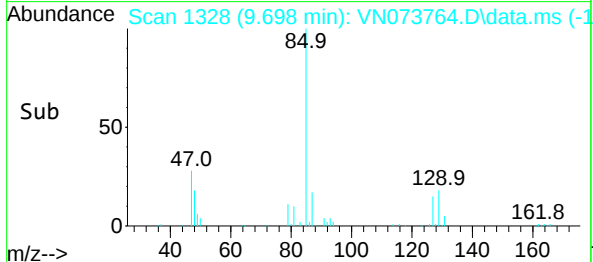
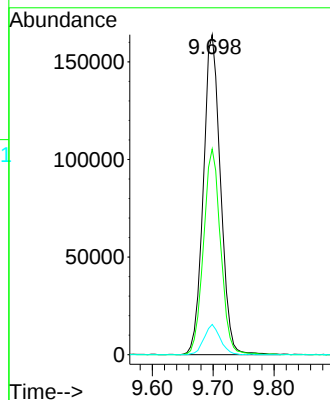
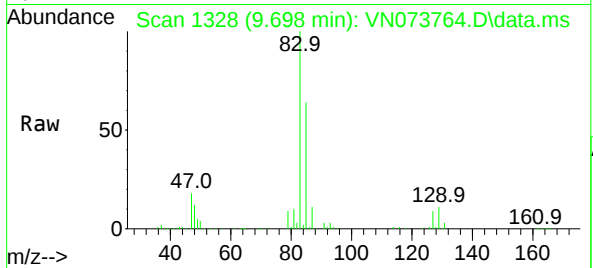




#47
Bromodichloromethane
Concen: 51.922 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

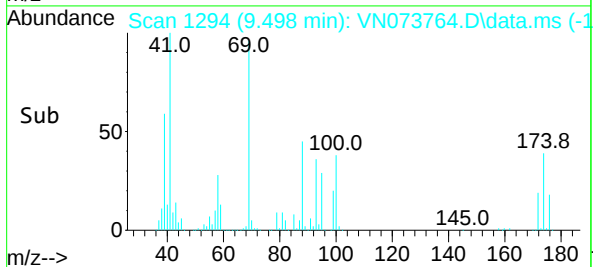
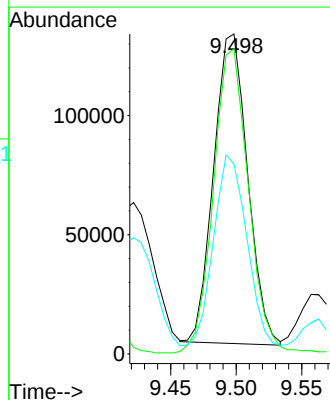
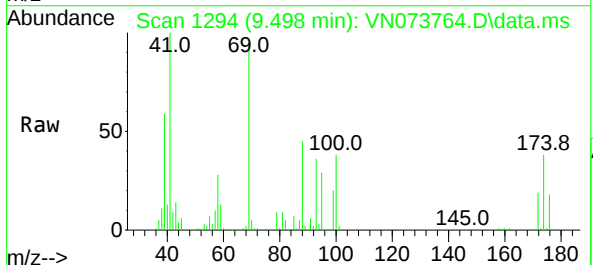
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

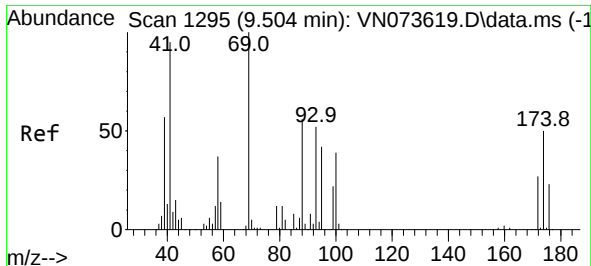
Tgt Ion: 83 Resp: 320753
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 9.4 6.8 10.2



#48
Methyl methacrylate
Concen: 52.454 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 41 Resp: 233357
Ion Ratio Lower Upper
41 100
69 102.9 74.7 112.1
39 60.8 45.6 68.4

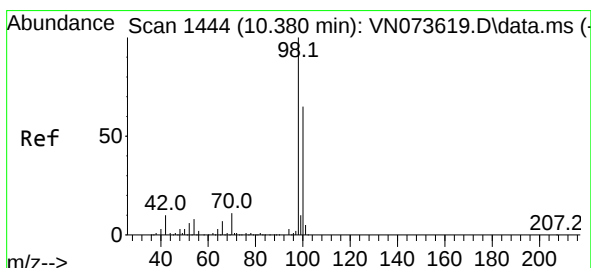
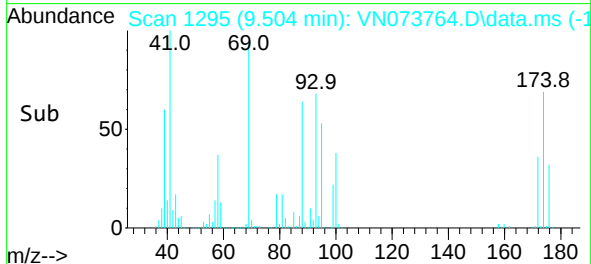
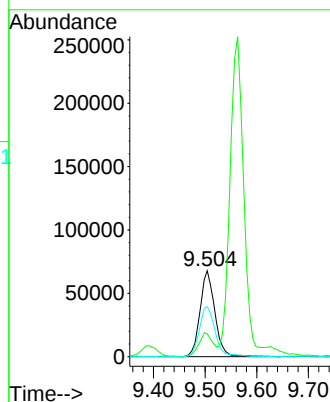
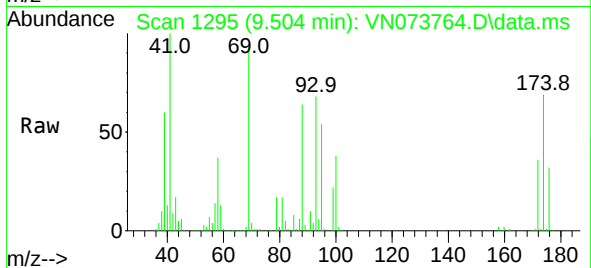




#49
1,4-Dioxane
Concen: 1075.800 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

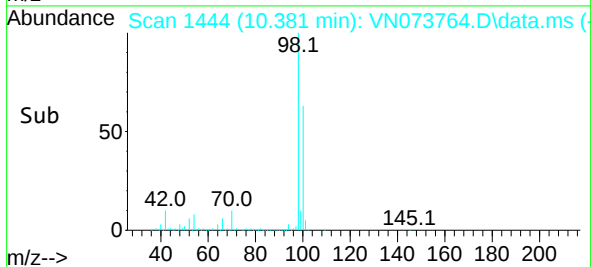
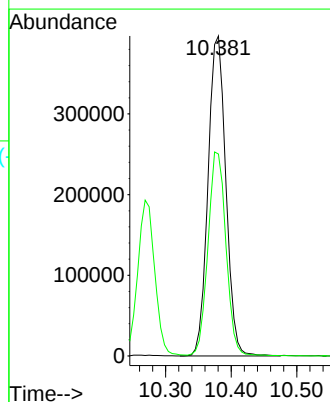
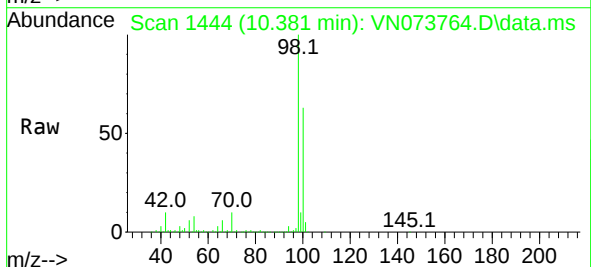
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

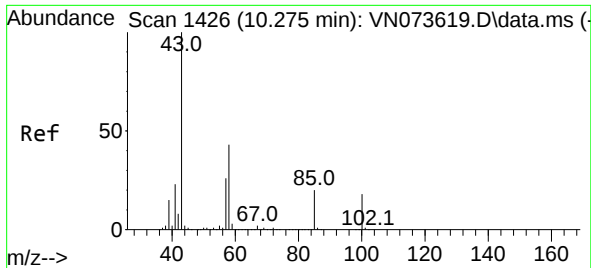
Tgt Ion: 88 Resp: 134911
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.4
58 62.2 54.2 81.4



#50
Toluene-d8
Concen: 47.528 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 98 Resp: 749772
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

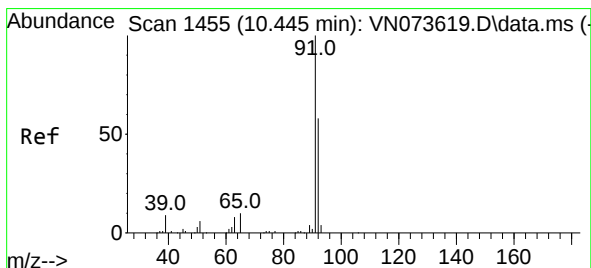
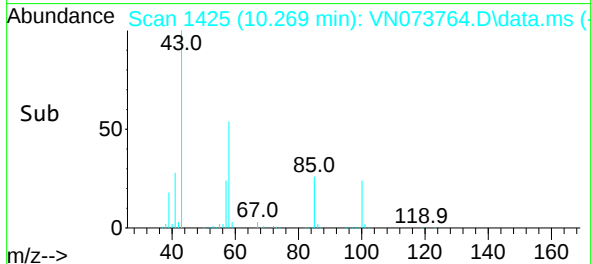
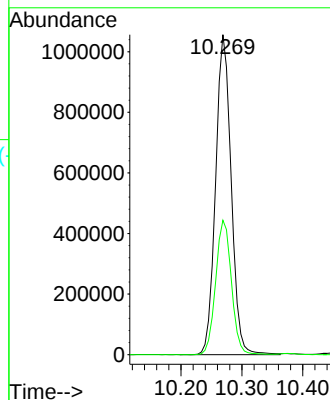
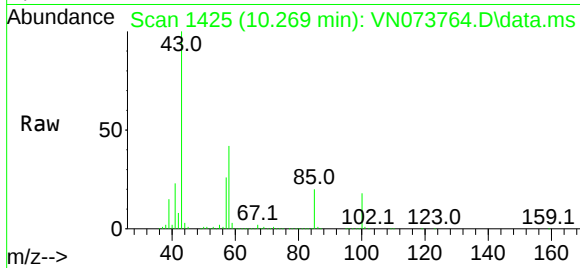




#51
4-Methyl-2-Pentanone
Concen: 257.217 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

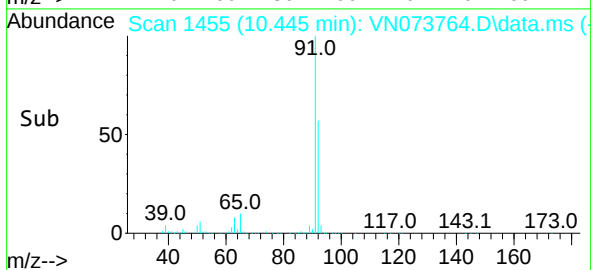
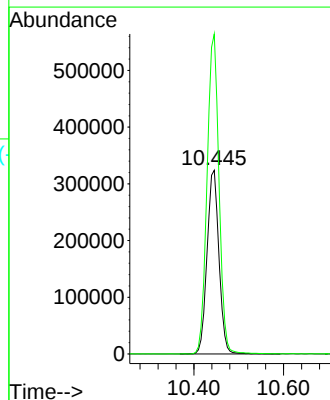
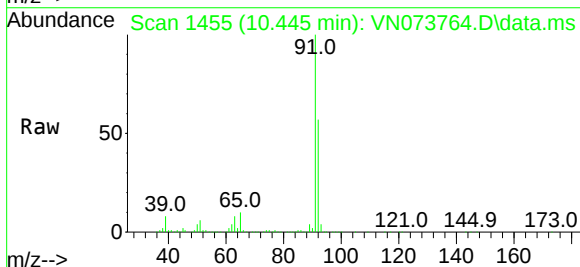
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

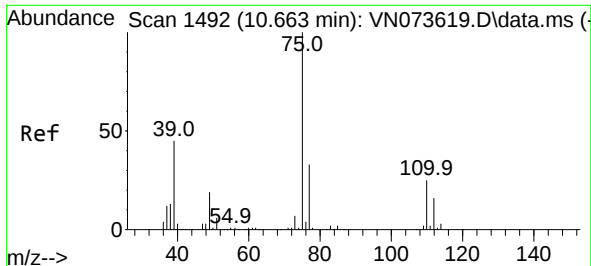
Tgt Ion: 43 Resp: 1874998
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1



#52
Toluene
Concen: 52.488 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 92 Resp: 594837
Ion Ratio Lower Upper
92 100
91 174.9 138.6 207.8

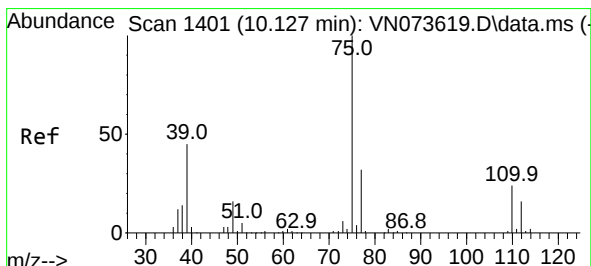
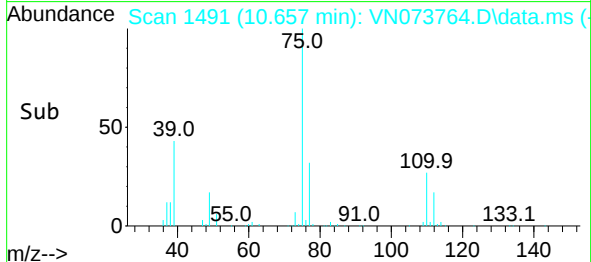
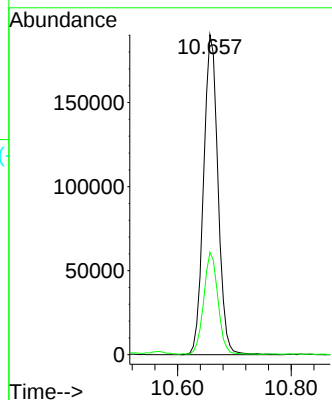
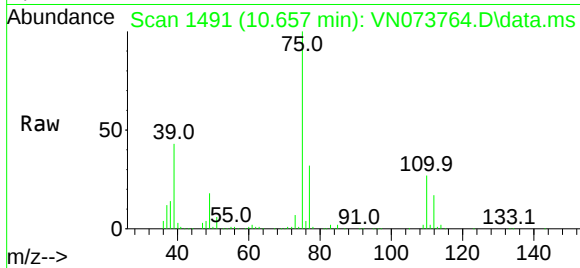




#53
 t-1,3-Dichloropropene
 Concen: 54.840 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

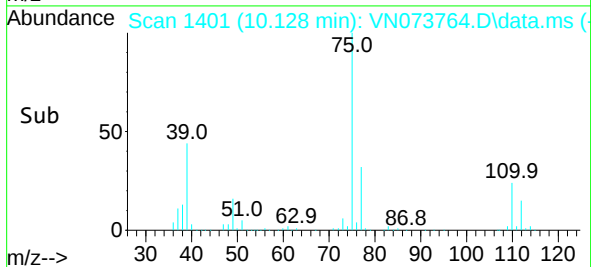
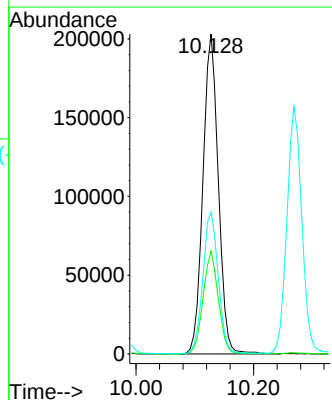
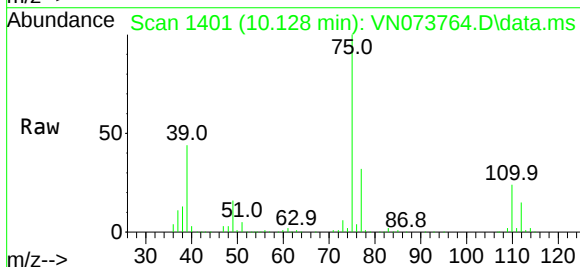
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

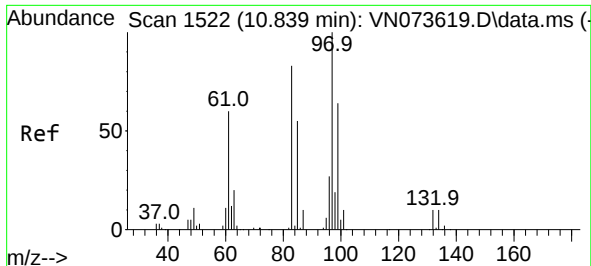
Tgt Ion: 75 Resp: 334680
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.572 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073764.D
 Acq: 05 Aug 2022 17:09

Tgt Ion: 75 Resp: 368422
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 44.1 35.7 53.5

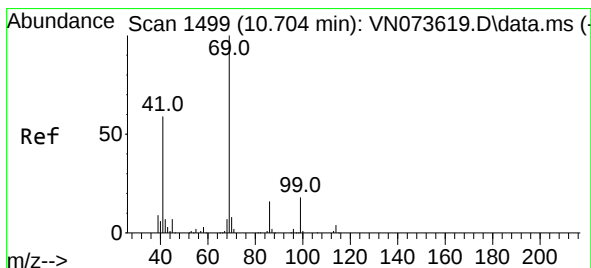
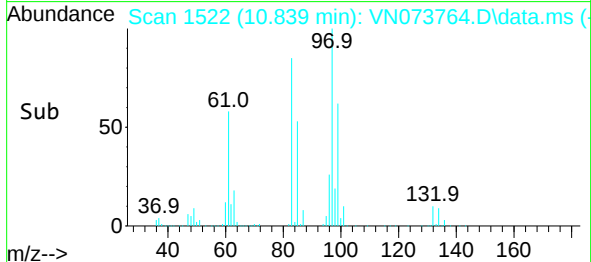
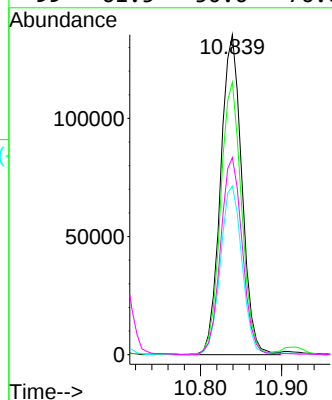
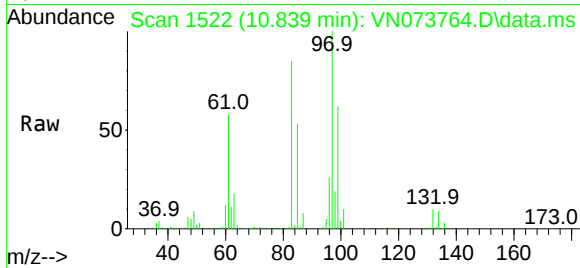




#55
1,1,2-Trichloroethane
Concen: 52.195 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

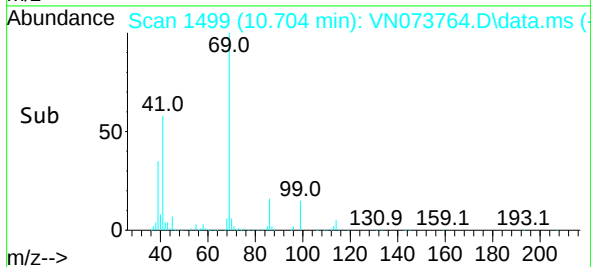
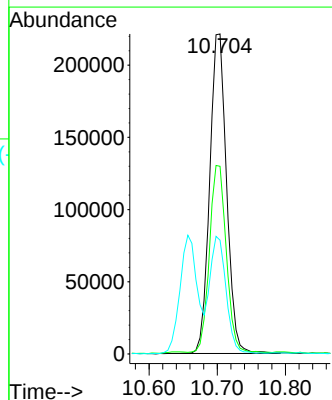
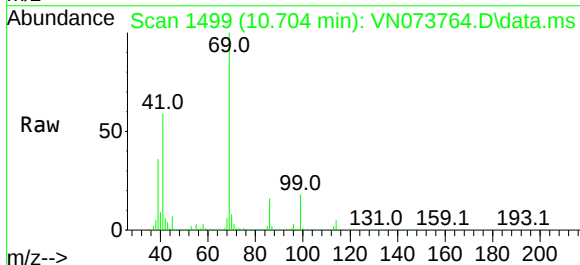
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

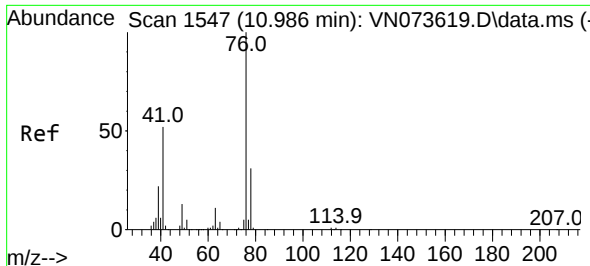
Tgt Ion:	97	Resp:	246666
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.4
85	52.8	43.9	65.9
99	61.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 58.633 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:	69	Resp:	381901
Ion	Ratio	Lower	Upper
69	100		
41	58.0	47.8	71.6
39	34.8	27.3	40.9





#57

1,3-Dichloropropane

Concen: 51.392 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

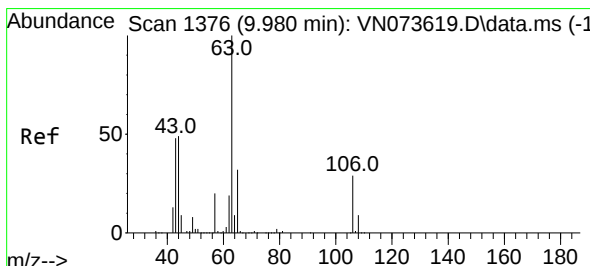
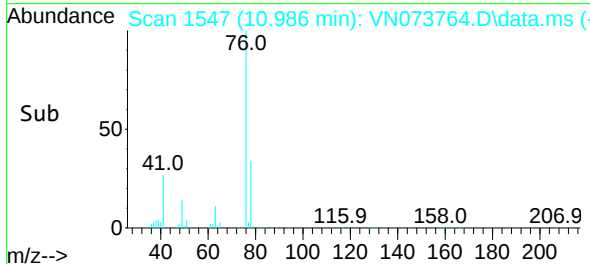
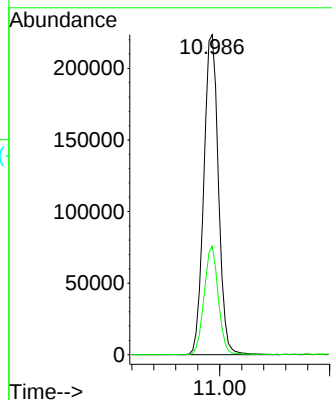
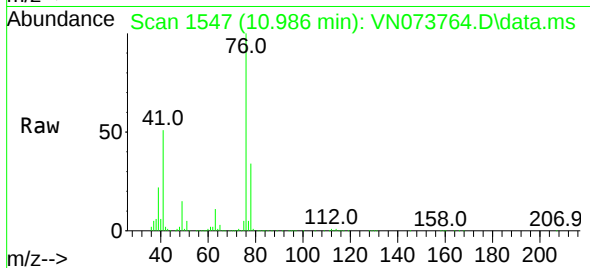
VSTDCCC050EC

Tgt Ion: 76 Resp: 412061

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 241.110 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VN073764.D

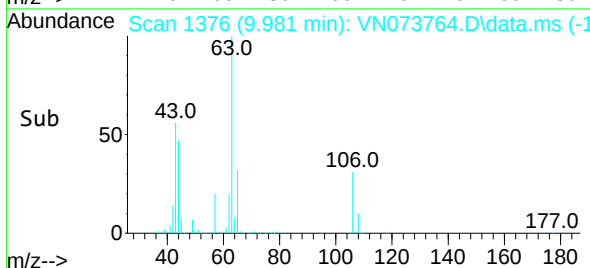
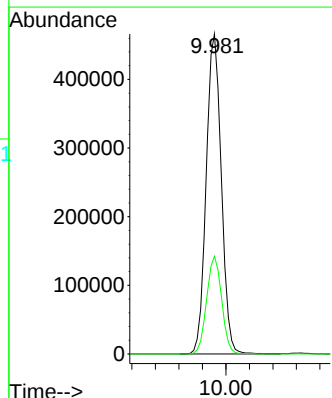
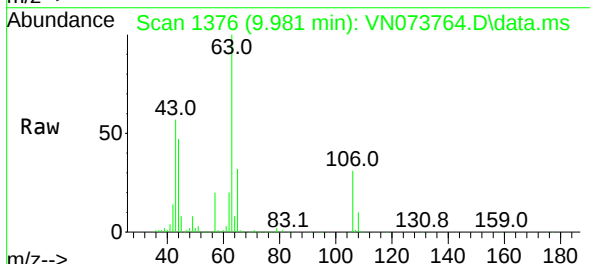
Acq: 05 Aug 2022 17:09

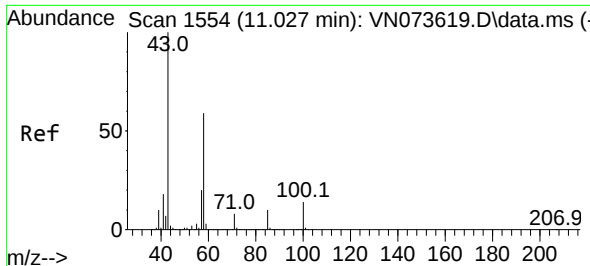
Tgt Ion: 63 Resp: 829776

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

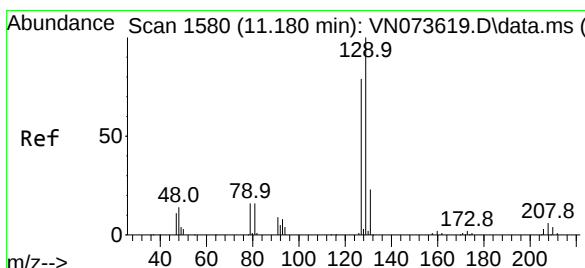
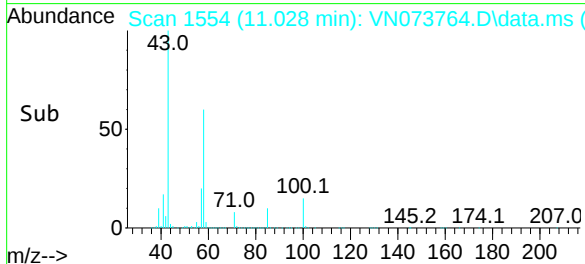
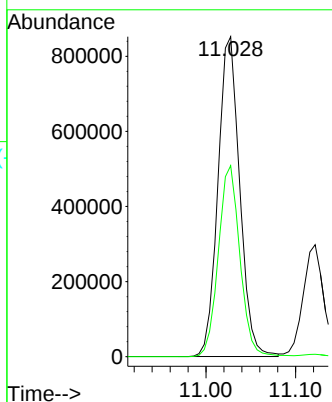
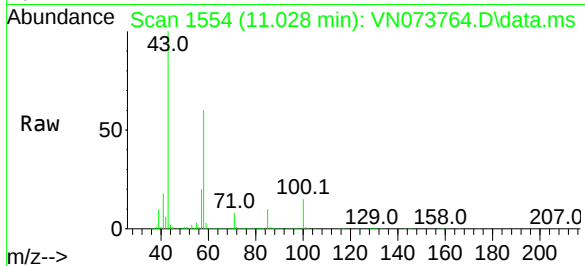




#59
2-Hexanone
Concen: 259.565 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

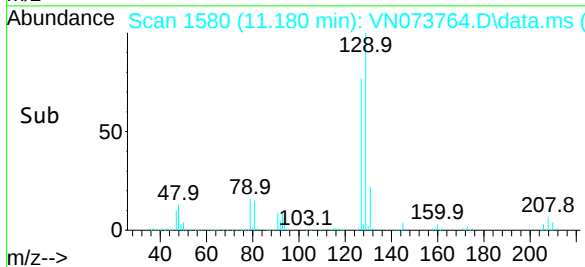
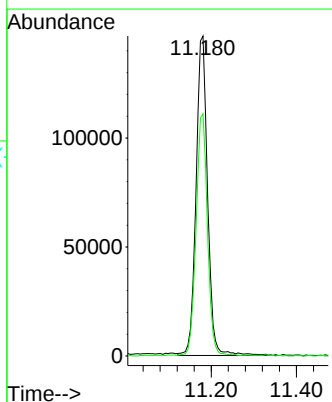
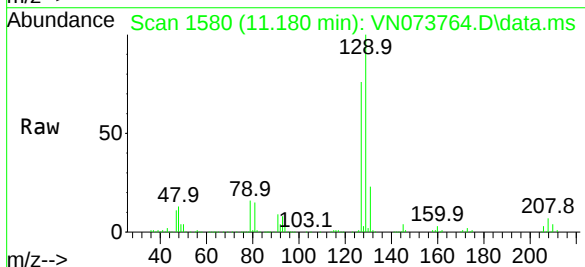
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

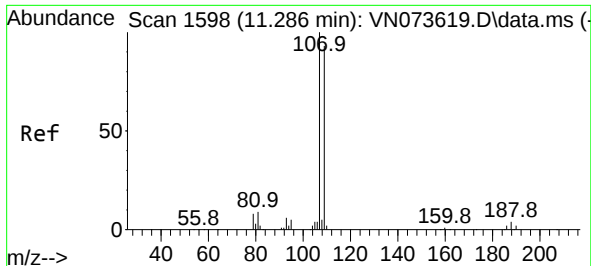
Tgt Ion: 43 Resp: 1433537
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1



#60
Dibromochloromethane
Concen: 58.603 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 129 Resp: 275519
Ion Ratio Lower Upper
129 100
127 74.2 38.8 116.4

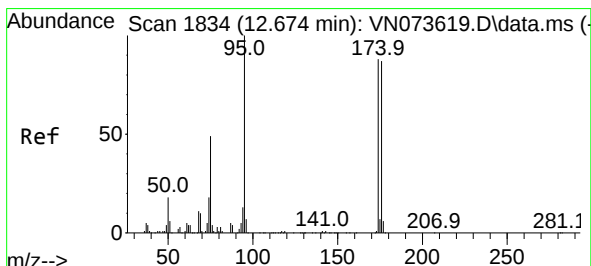
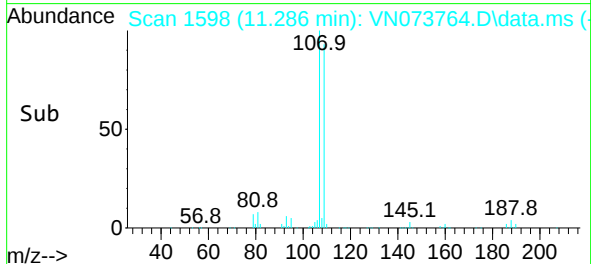
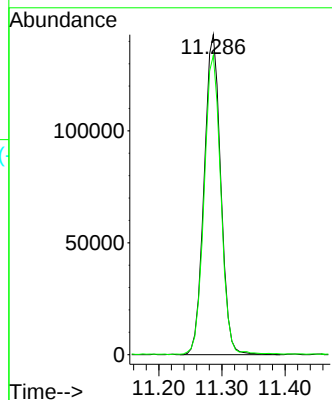
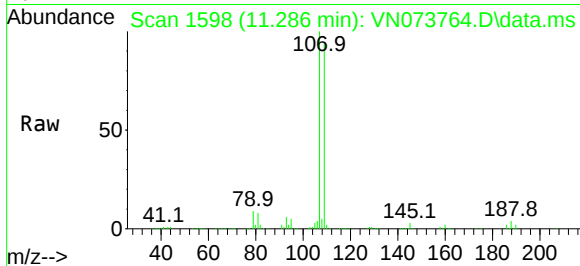




#61
1,2-Dibromoethane
Concen: 53.476 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

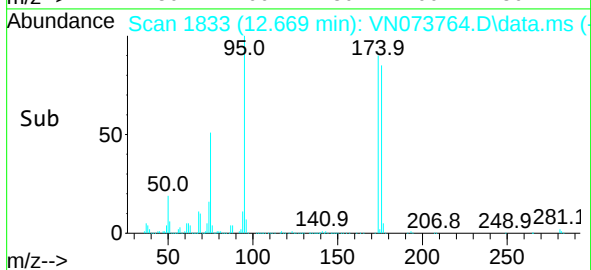
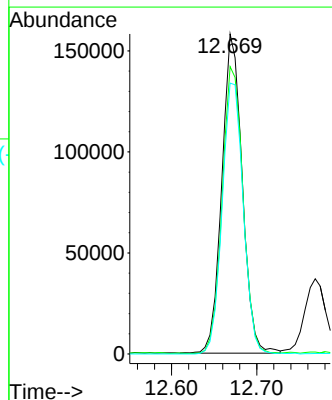
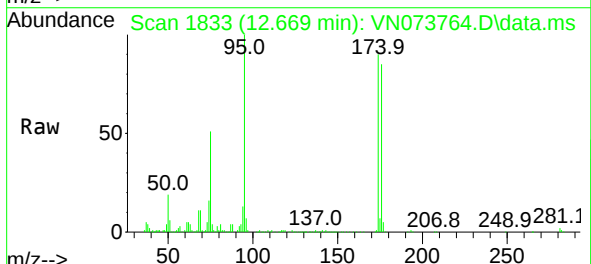
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

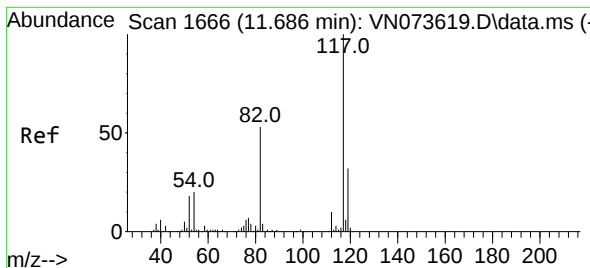
Tgt Ion:107 Resp: 260278
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.857 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 95 Resp: 262625
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 87.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

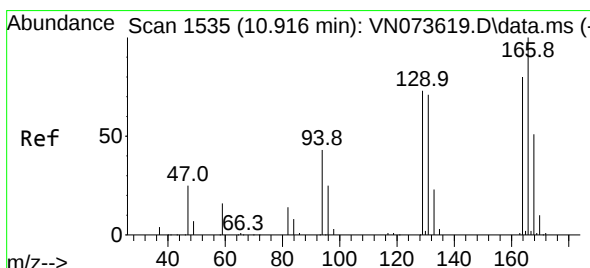
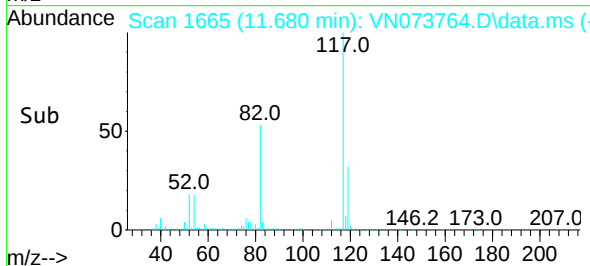
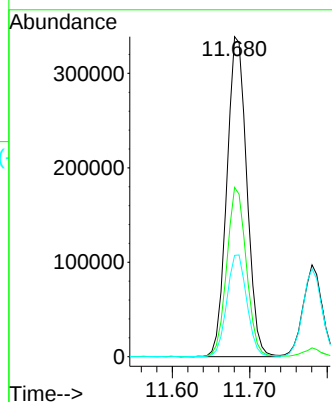
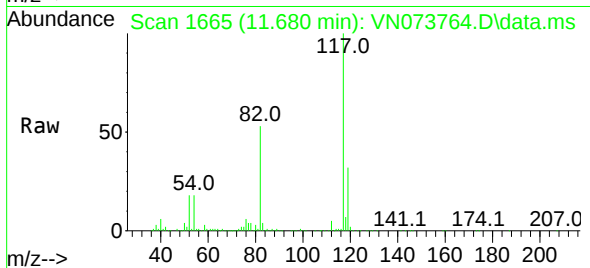
Tgt Ion:117 Resp: 608094

Ion Ratio Lower Upper

117 100

82 52.9 44.2 66.2

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 48.342 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Tgt Ion:164 Resp: 233621

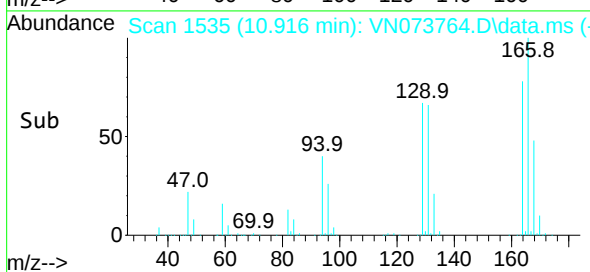
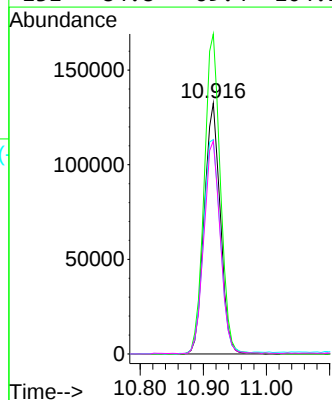
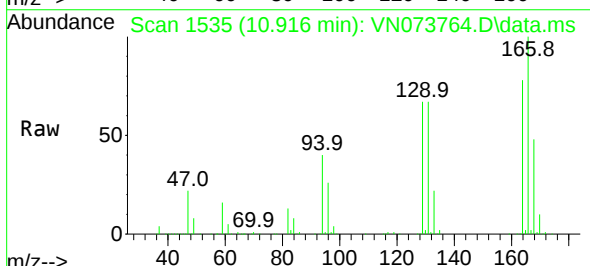
Ion Ratio Lower Upper

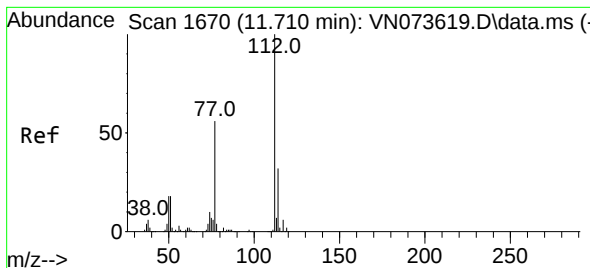
164 100

166 127.5 104.2 156.2

129 85.1 73.9 110.9

131 84.8 69.4 104.2





#65

Chlorobenzene

Concen: 51.025 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

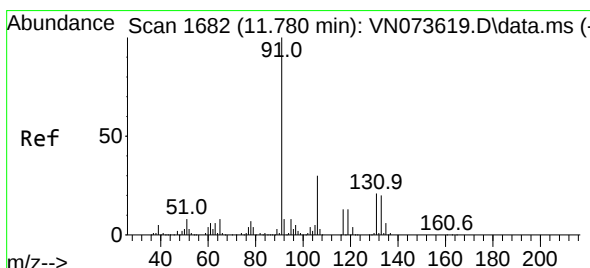
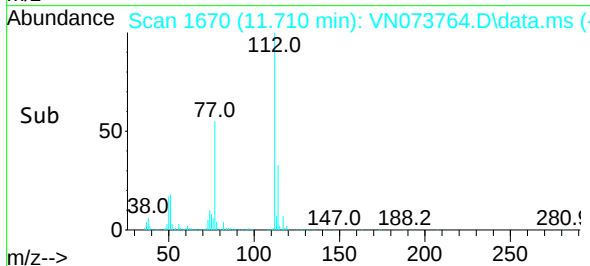
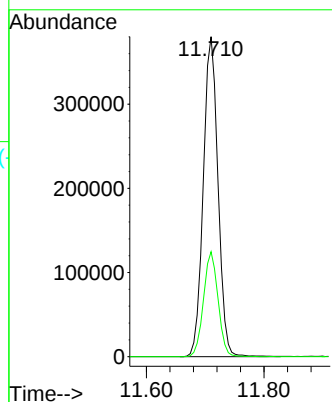
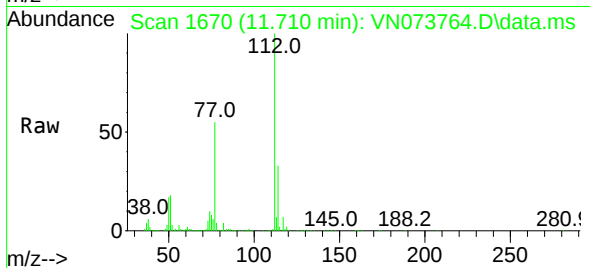
VSTDCCC050EC

Tgt Ion:112 Resp: 659056

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 53.120 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

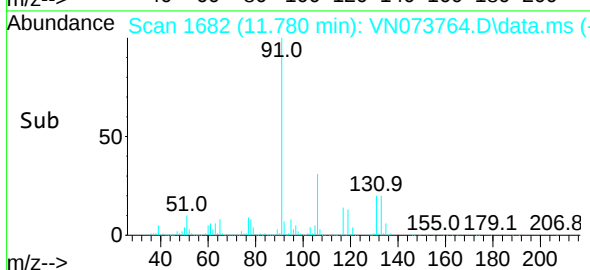
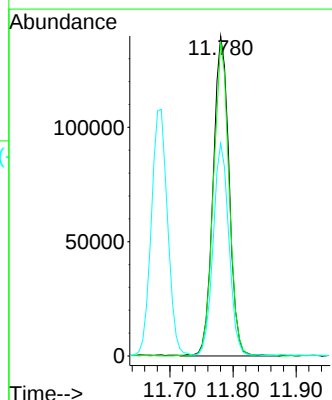
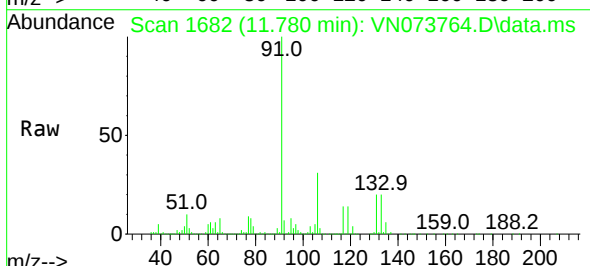
Tgt Ion:131 Resp: 246096

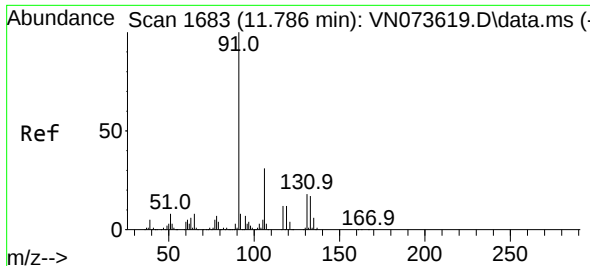
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.4

119 65.0 33.4 100.2

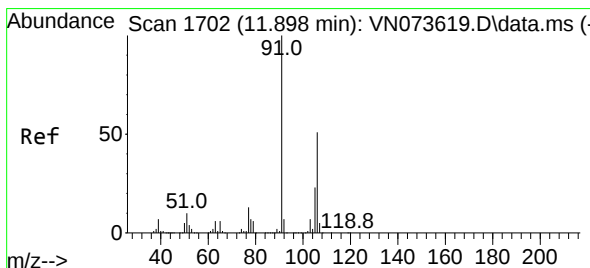
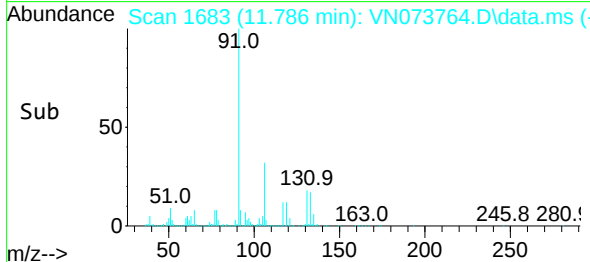
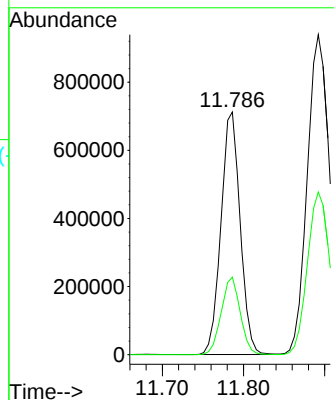
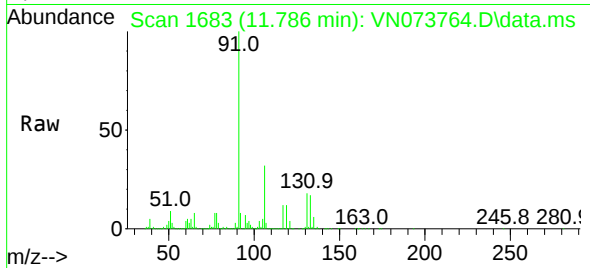




#67
Ethyl Benzene
Concen: 53.749 ug/l
RT: 11.786 min Scan# 1171234
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

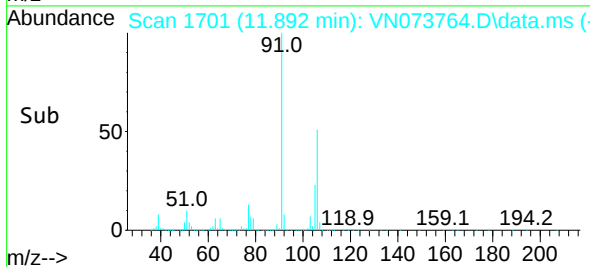
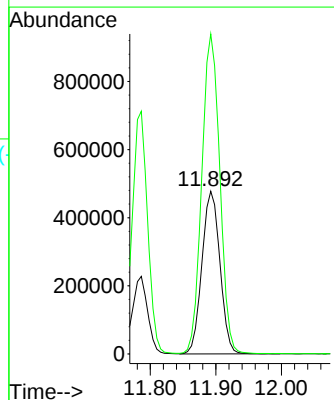
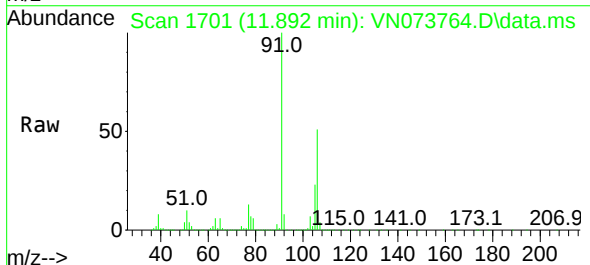
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

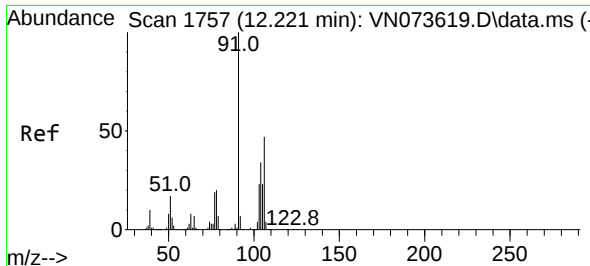
Tgt Ion: 91 Resp: 1171234
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 109.712 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 106 Resp: 911809
Ion Ratio Lower Upper
106 100
91 197.1 158.9 238.3

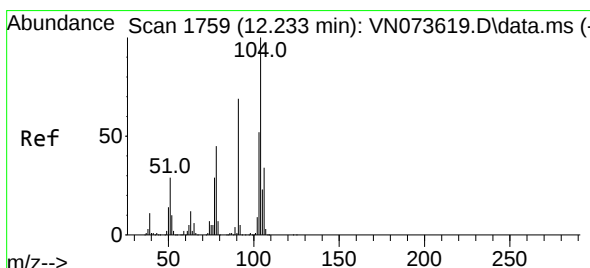
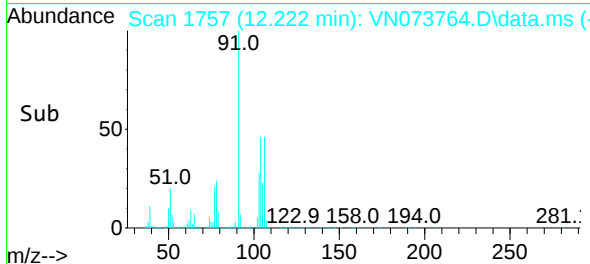
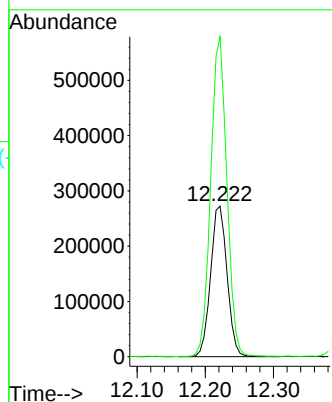
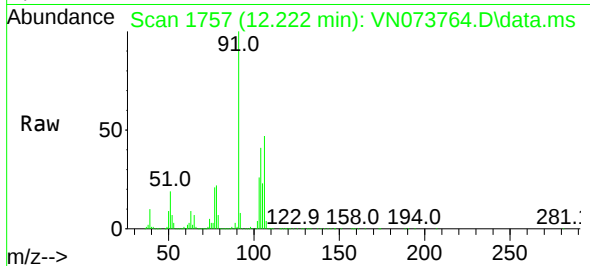




#69
o-Xylene
Concen: 56.580 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

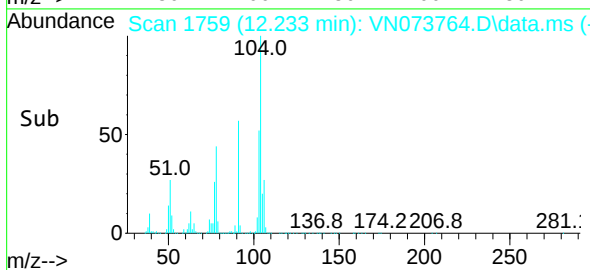
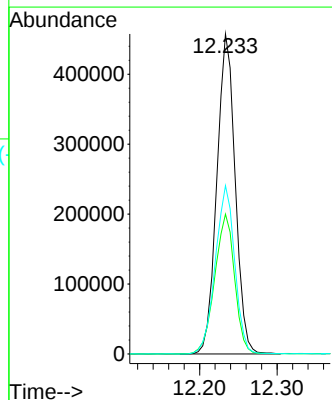
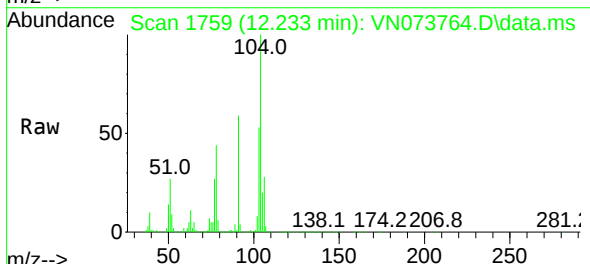
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

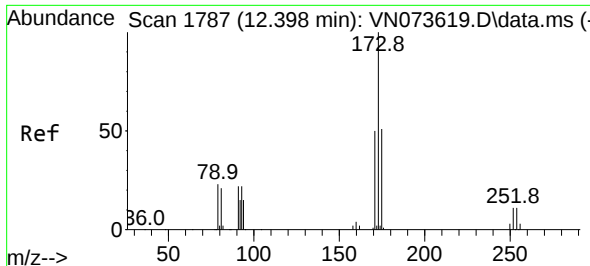
Tgt Ion:106 Resp: 458447
Ion Ratio Lower Upper
106 100
91 208.2 106.0 318.0



#70
Styrene
Concen: 58.119 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:104 Resp: 753831
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 55.9 44.0 66.0

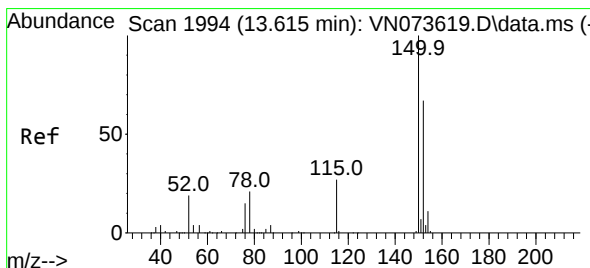
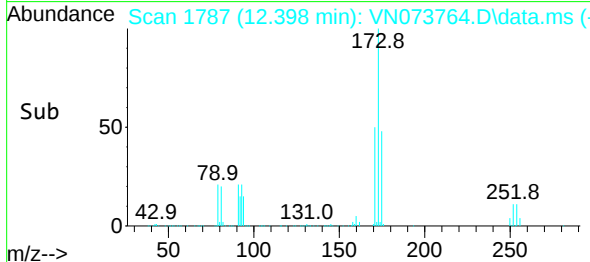
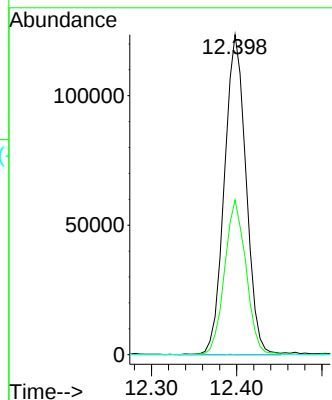
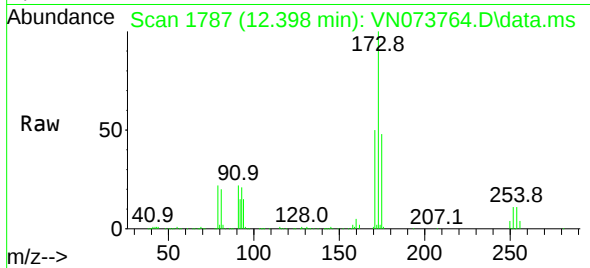




#71
Bromoform
Concen: 56.973 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

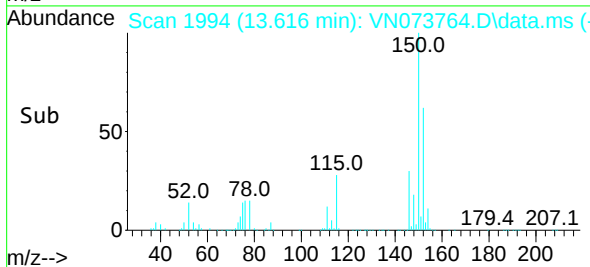
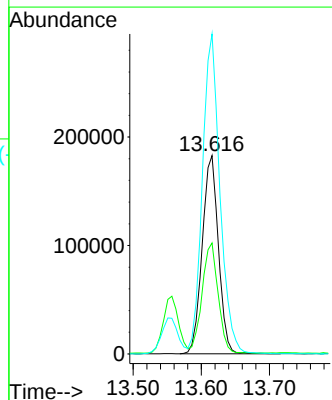
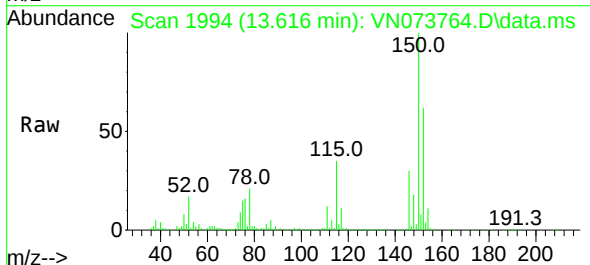
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

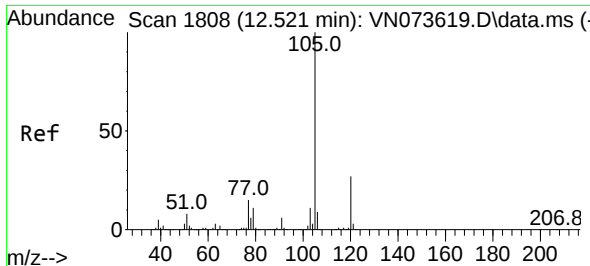
Tgt Ion:173 Resp: 217864
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:152 Resp: 301550
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 174.9 0.0 356.2

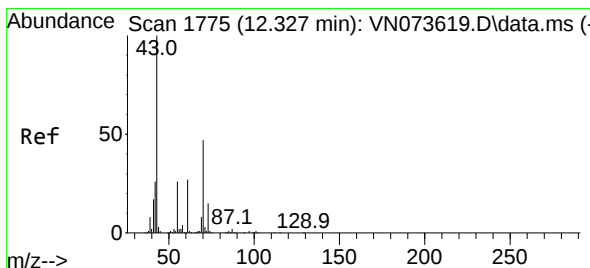
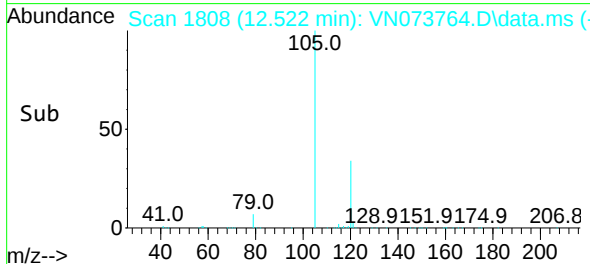
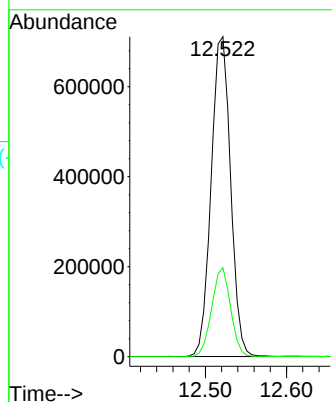
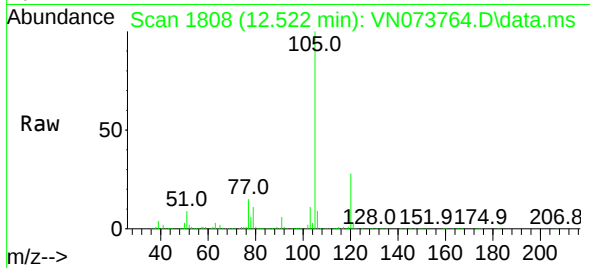




#73
Isopropylbenzene
Concen: 53.544 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

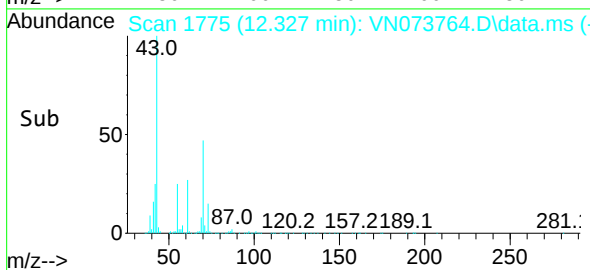
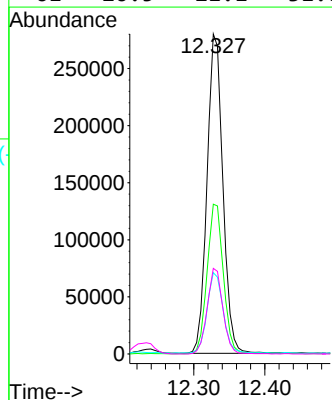
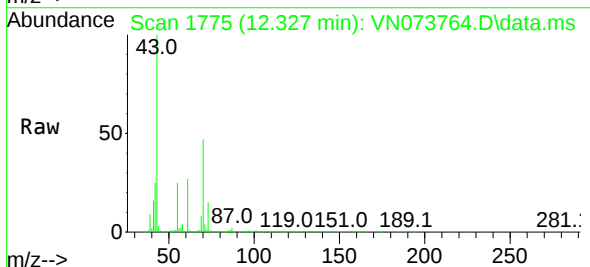
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

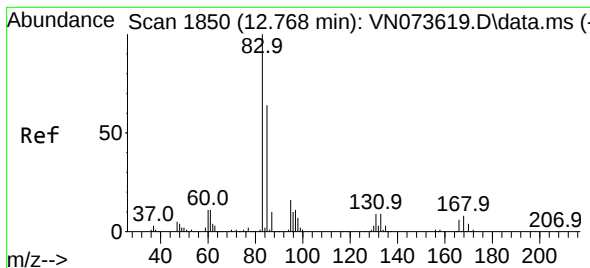
Tgt Ion:105 Resp: 1181940
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 52.079 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 43 Resp: 434353
Ion Ratio Lower Upper
43 100
70 48.0 39.0 58.4
55 25.7 21.1 31.7
61 26.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.626 ug/l

RT: 12.769 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

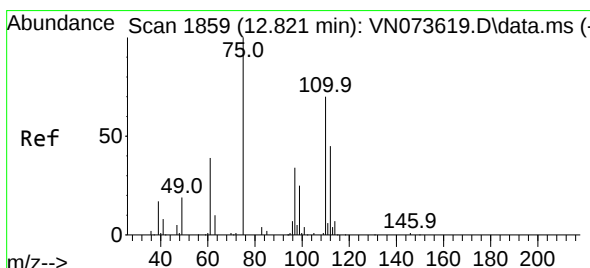
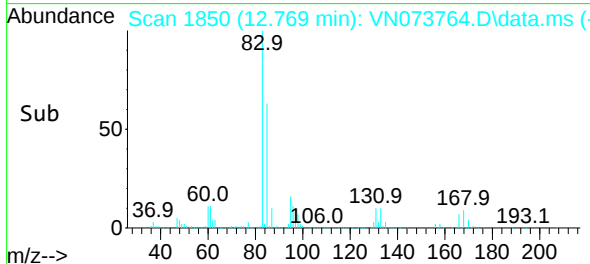
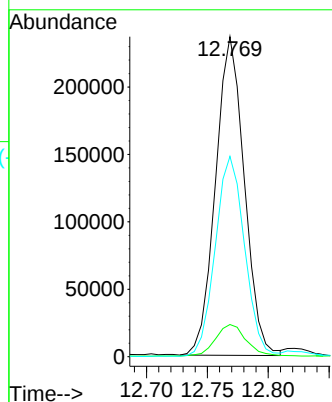
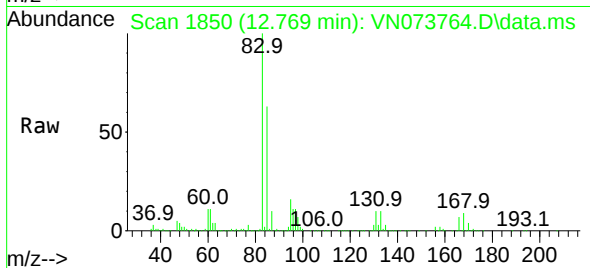
Tgt Ion: 83 Resp: 388651

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

85 63.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 90.674 ug/l

RT: 12.822 min Scan# 1859

Delta R.T. 0.001 min

Lab File: VN073764.D

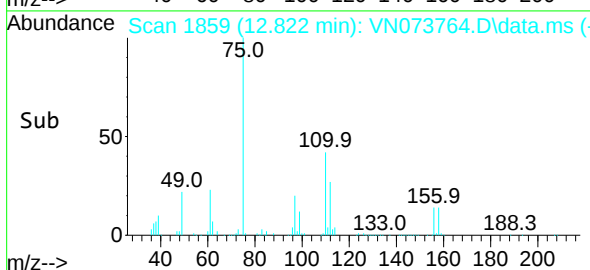
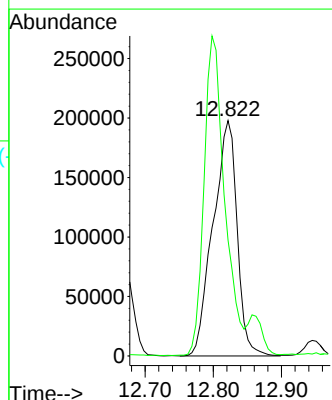
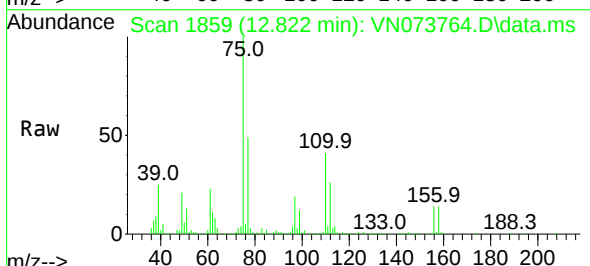
Acq: 05 Aug 2022 17:09

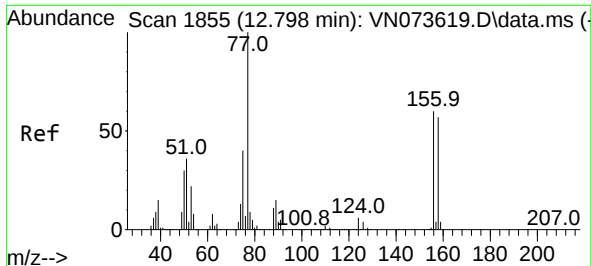
Tgt Ion: 75 Resp: 486412

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

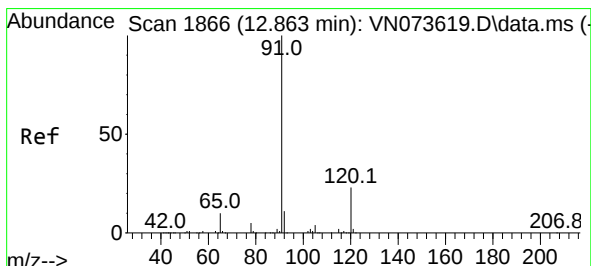
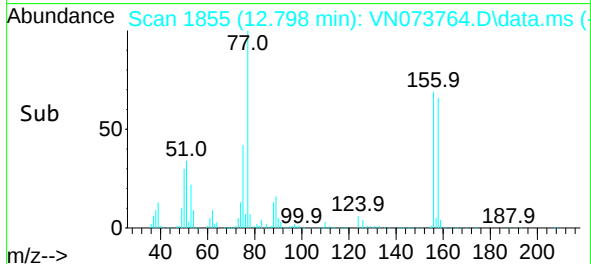
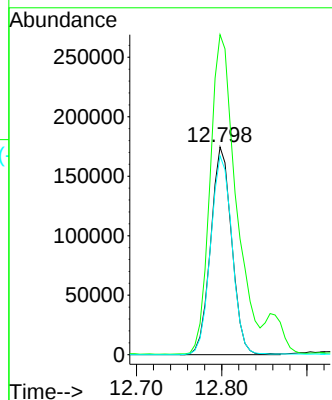
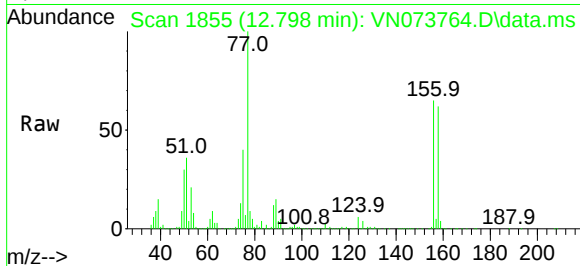




#77
Bromobenzene
Concen: 52.109 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

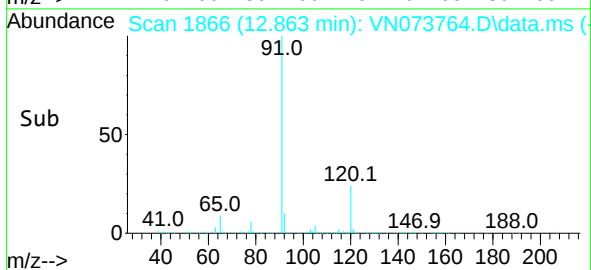
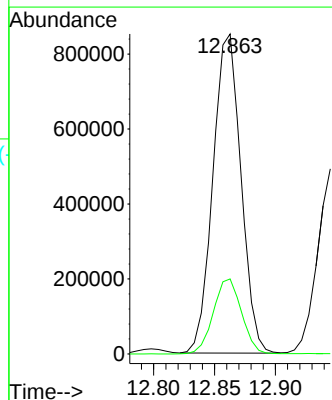
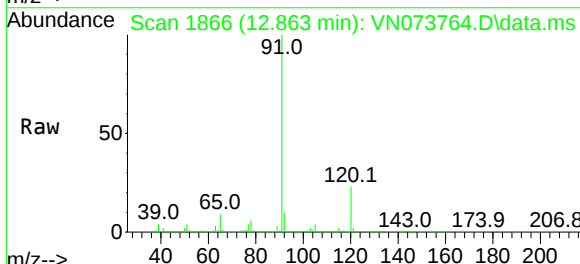
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

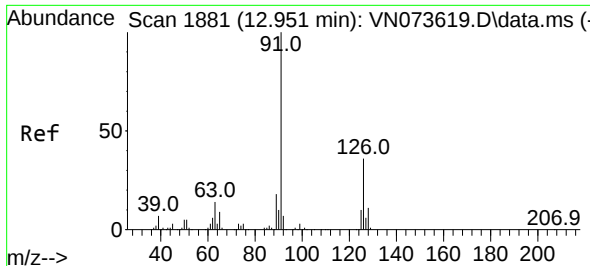
Tgt Ion:156 Resp: 299549
Ion Ratio Lower Upper
156 100
77 188.6 100.5 301.5
158 97.4 48.9 146.6



#78
n-propylbenzene
Concen: 54.843 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 91 Resp: 1362185
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

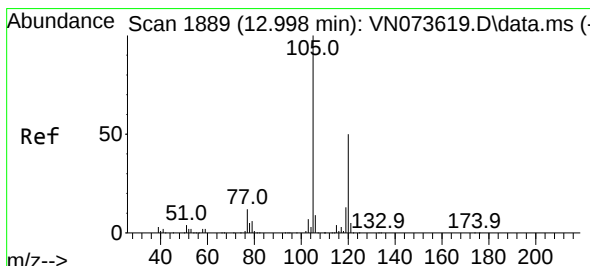
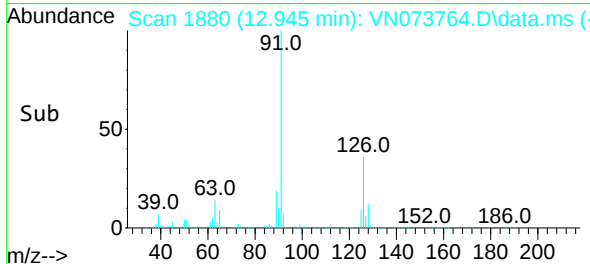
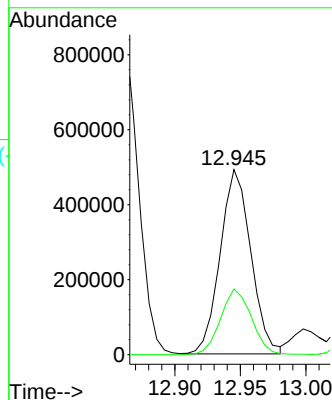
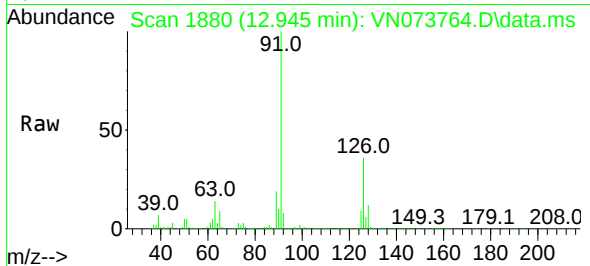




#79
2-Chlorotoluene
Concen: 51.705 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

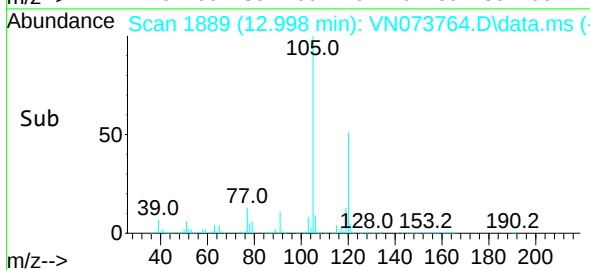
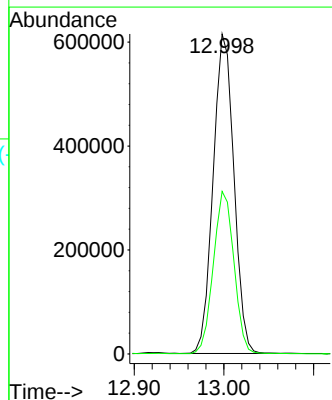
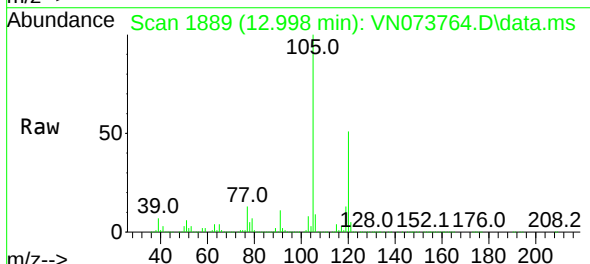
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

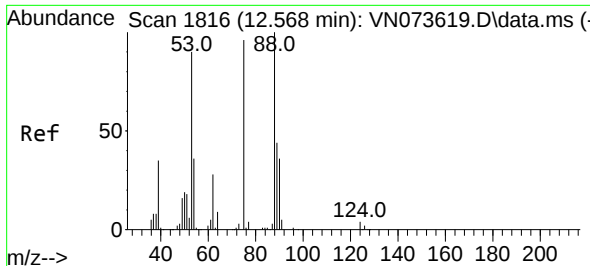
Tgt Ion: 91 Resp: 801527
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 54.370 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 105 Resp: 987673
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.7

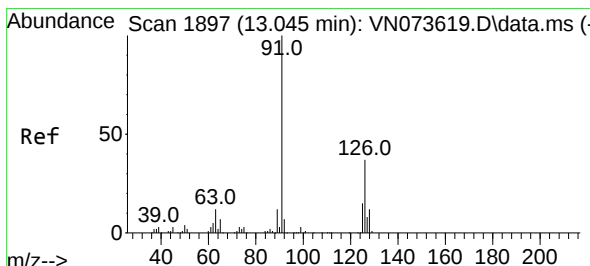
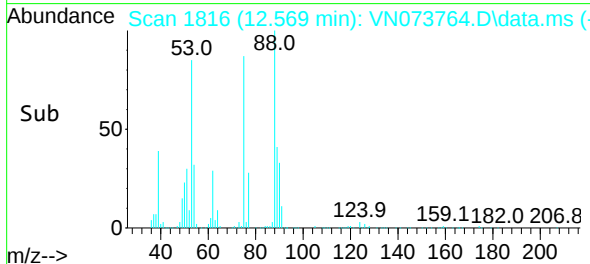
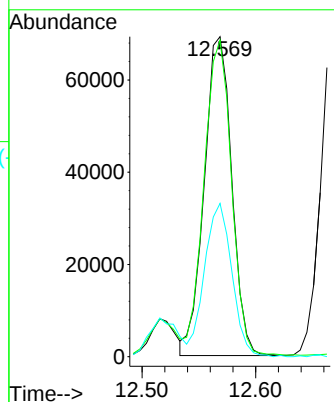
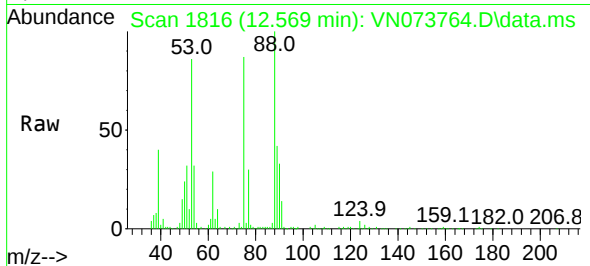




#81
trans-1,4-Dichloro-2-butene
Concen: 50.096 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

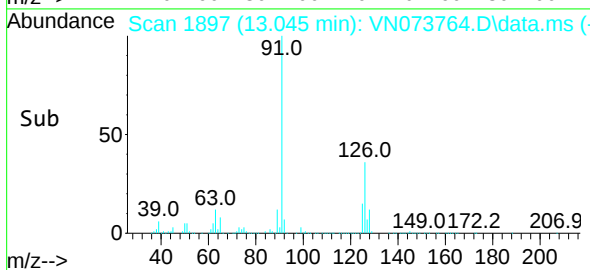
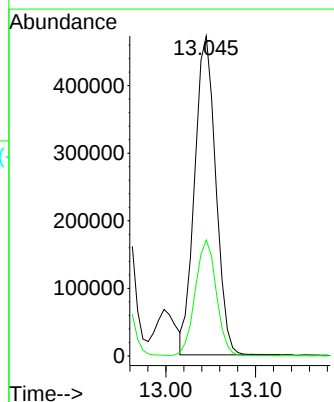
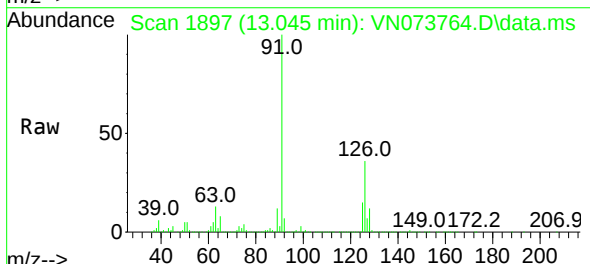
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

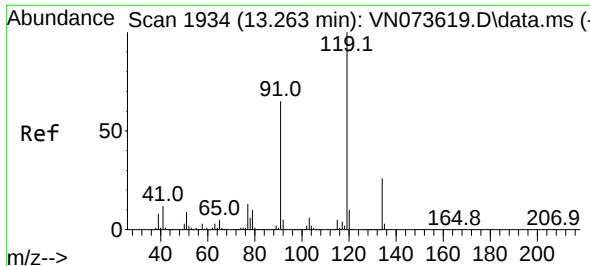
Tgt Ion: 75 Resp: 116568
Ion Ratio Lower Upper
75 100
53 98.5 78.0 117.0
89 47.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.347 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion: 91 Resp: 769098
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6

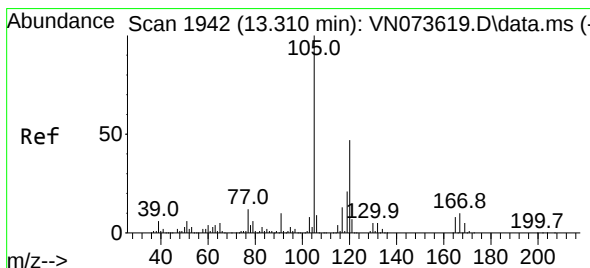
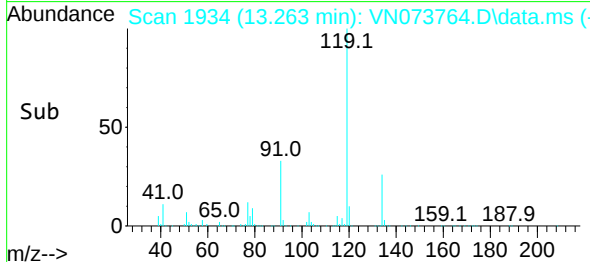
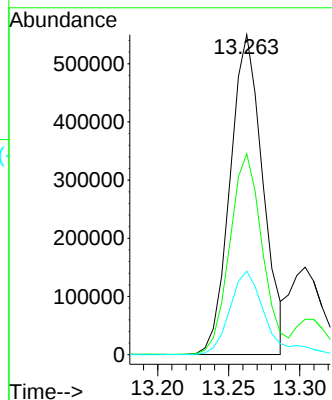
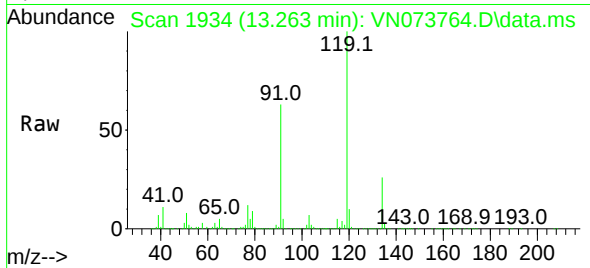




#83
tert-Butylbenzene
Concen: 54.828 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

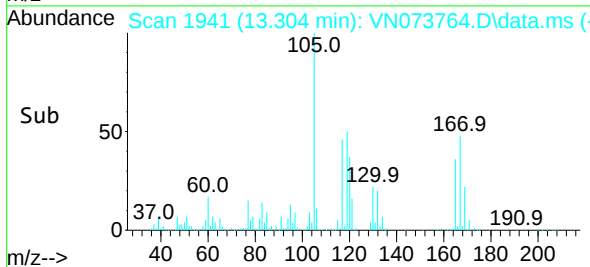
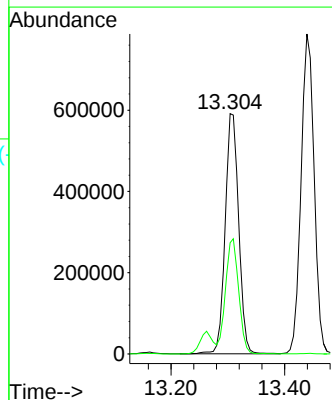
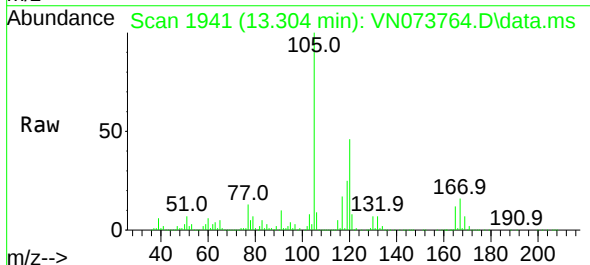
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

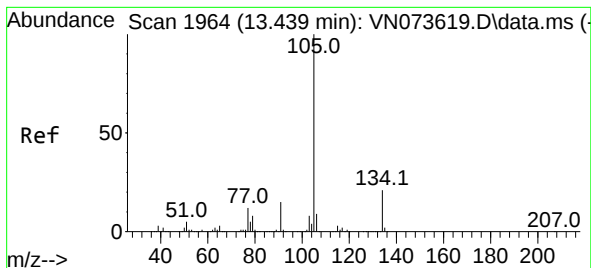
Tgt Ion:119 Resp: 882206
Ion Ratio Lower Upper
119 100
91 62.8 31.6 94.8
134 28.5 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 54.852 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:105 Resp: 979789
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 56.515 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

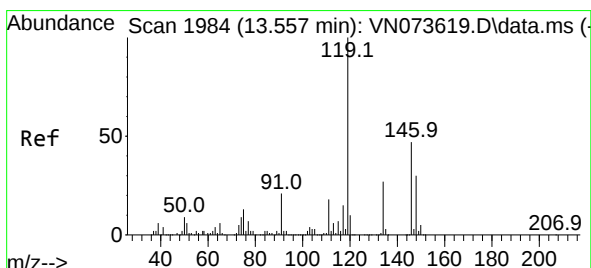
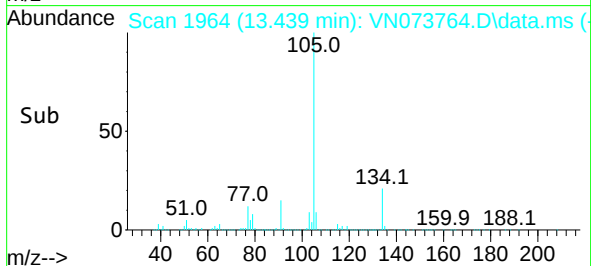
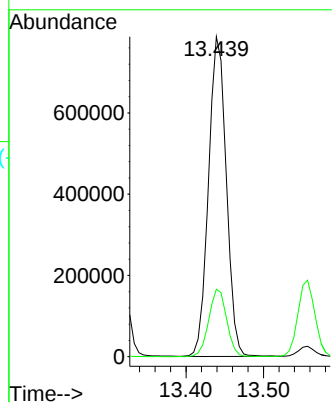
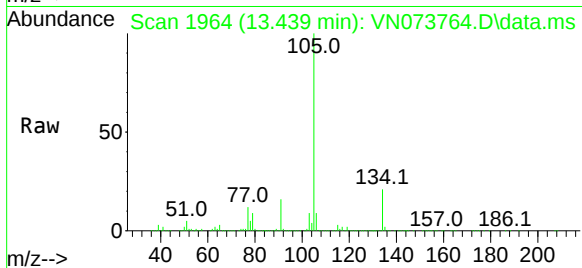
VSTDCCC050EC

Tgt Ion:105 Resp: 1256825

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 60.585 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

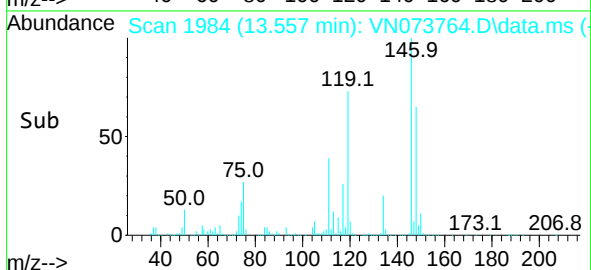
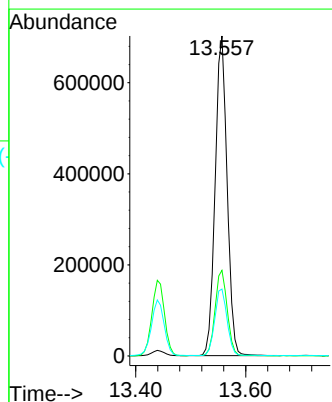
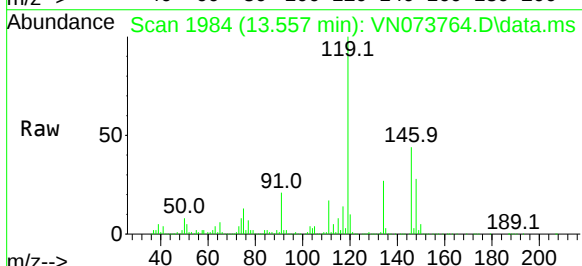
Tgt Ion:119 Resp: 1062125

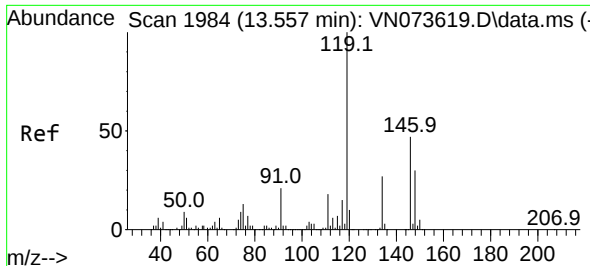
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 21.3 11.3 33.9

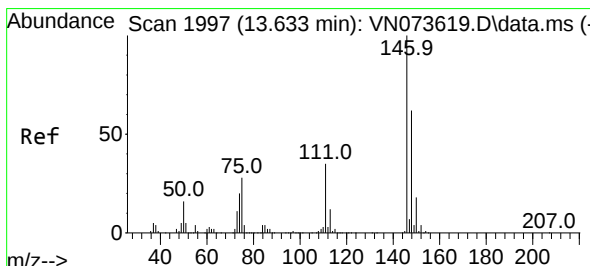
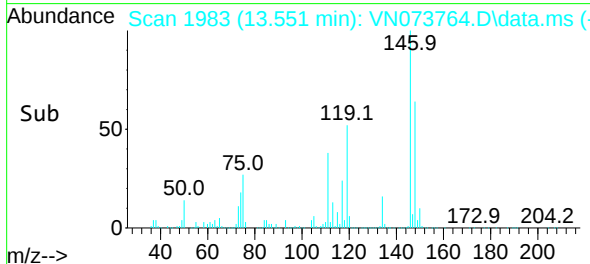
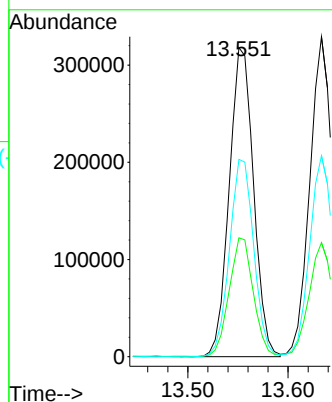
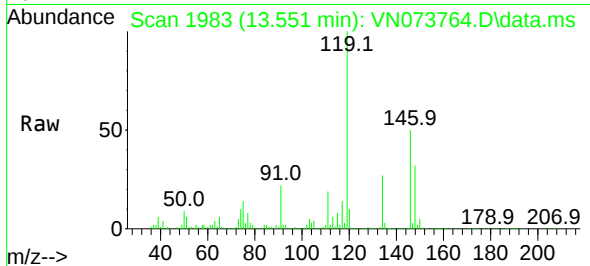




#87
1,3-Dichlorobenzene
Concen: 51.177 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

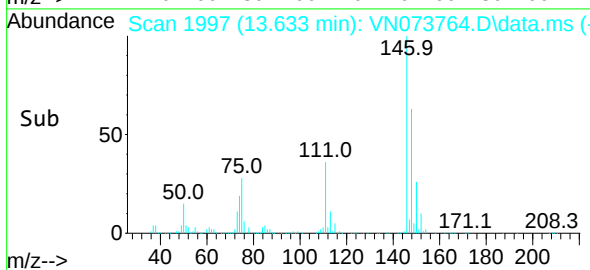
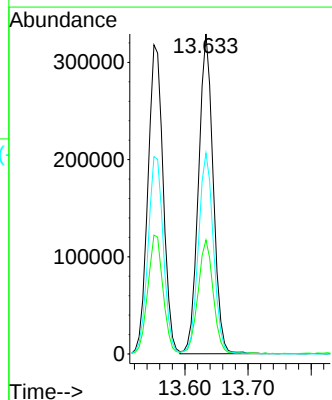
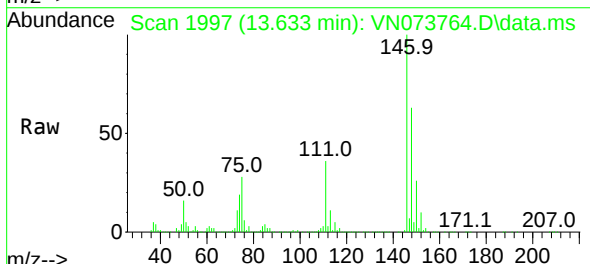
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

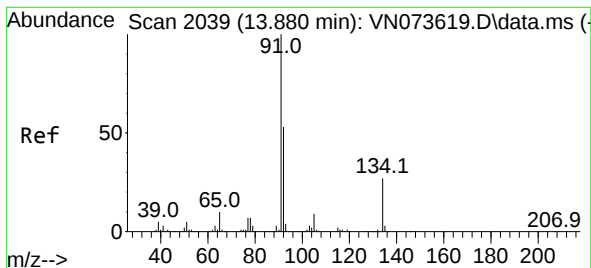
Tgt Ion:146 Resp: 536999
Ion Ratio Lower Upper
146 100
111 38.0 20.0 60.0
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.667 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:146 Resp: 531932
Ion Ratio Lower Upper
146 100
111 36.3 19.1 57.1
148 64.3 31.4 94.3





#89

n-Butylbenzene

Concen: 60.230 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

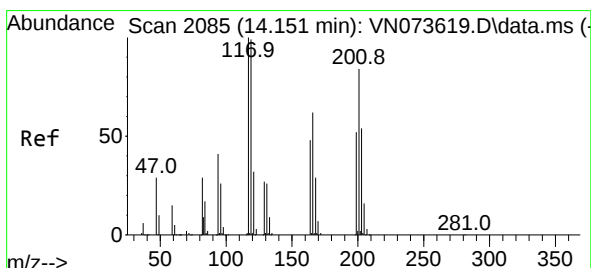
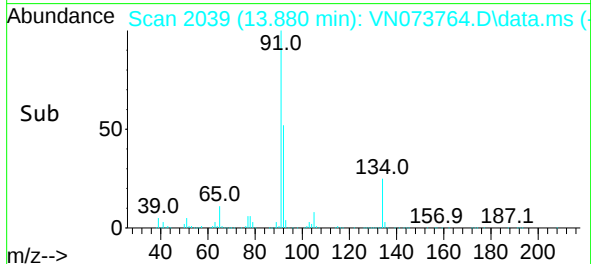
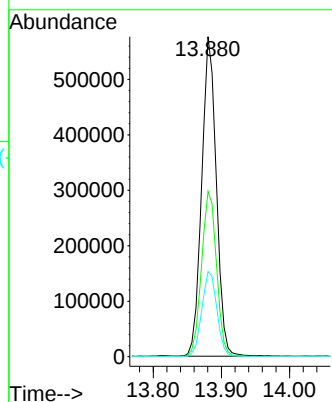
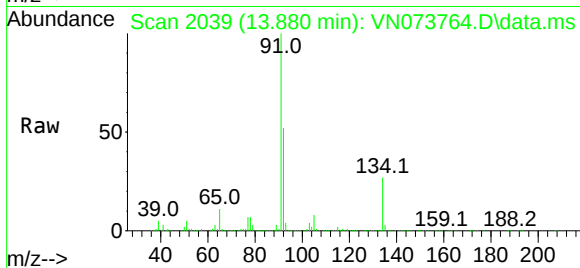
Tgt Ion: 91 Resp: 859143

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 27.5 13.6 40.8



#90

Hexachloroethane

Concen: 52.232 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: VN073764.D

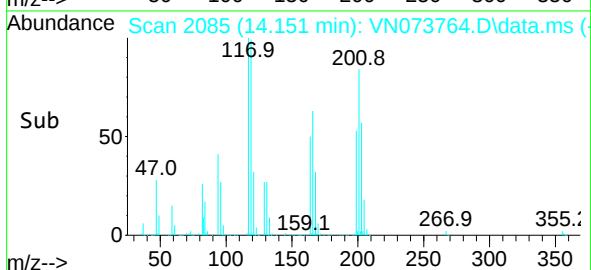
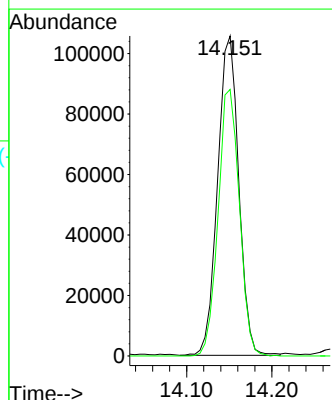
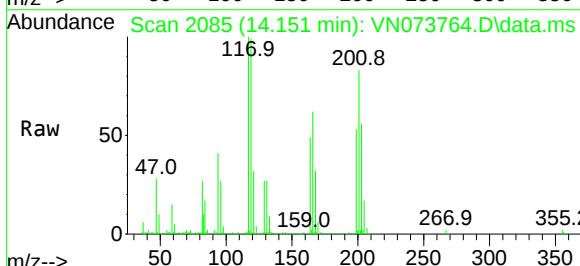
Acq: 05 Aug 2022 17:09

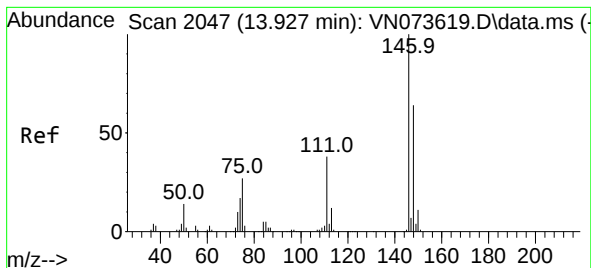
Tgt Ion: 117 Resp: 181679

Ion Ratio Lower Upper

117 100

201 84.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 50.965 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

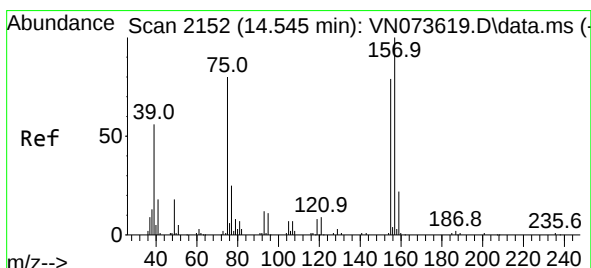
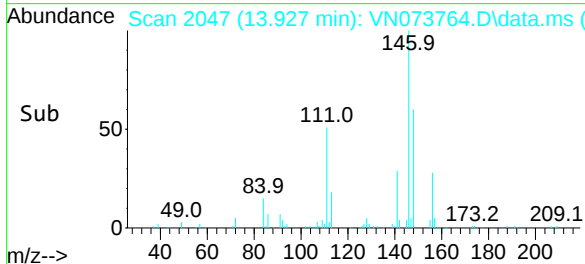
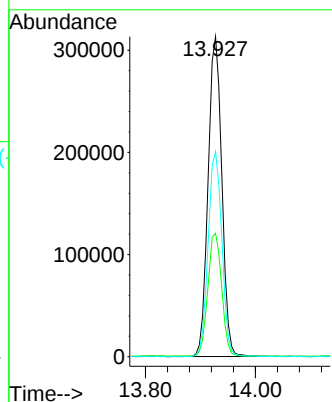
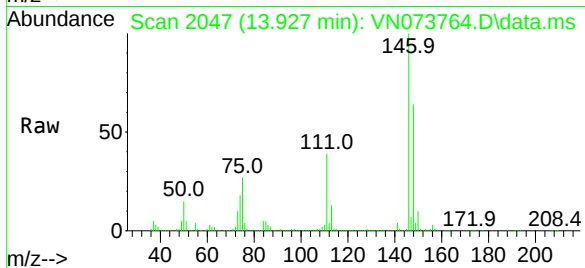
Tgt Ion:146 Resp: 541902

Ion Ratio Lower Upper

146 100

111 38.6 20.9 62.8

148 64.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.590 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

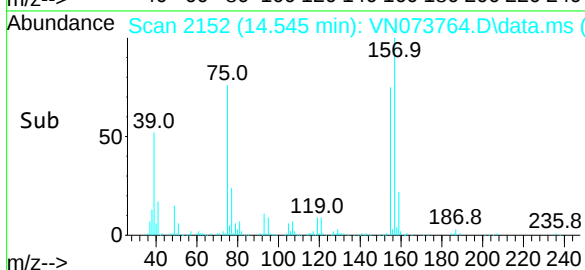
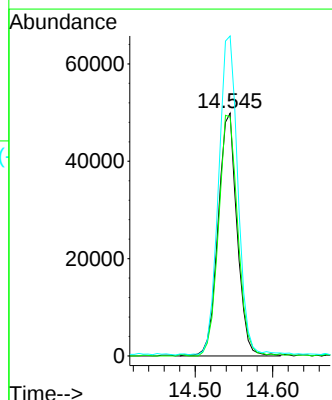
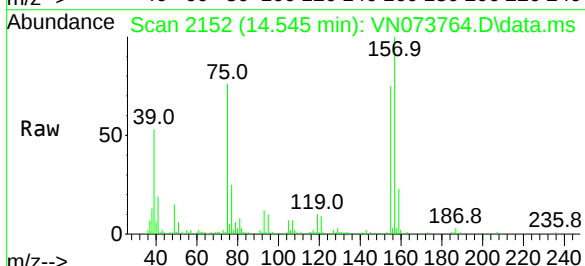
Tgt Ion: 75 Resp: 84871

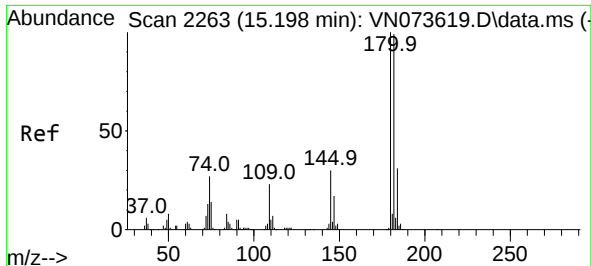
Ion Ratio Lower Upper

75 100

155 100.9 44.9 134.5

157 133.6 59.0 176.8

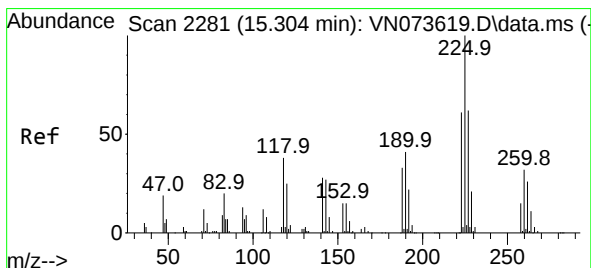
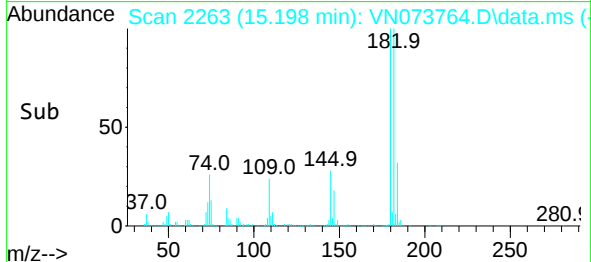
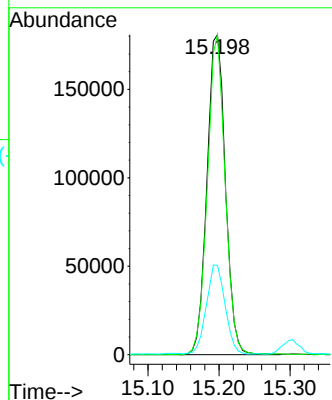
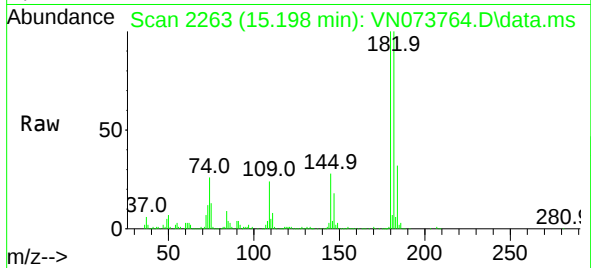




#93
1,2,4-Trichlorobenzene
Concen: 61.805 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

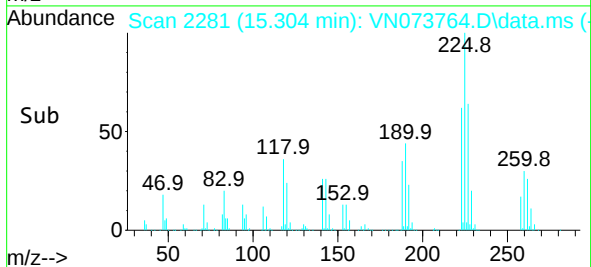
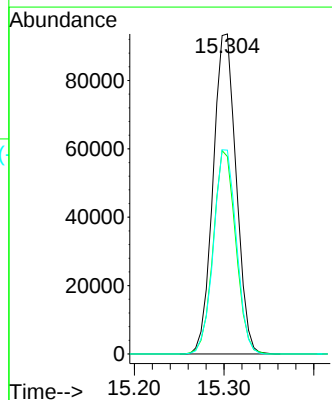
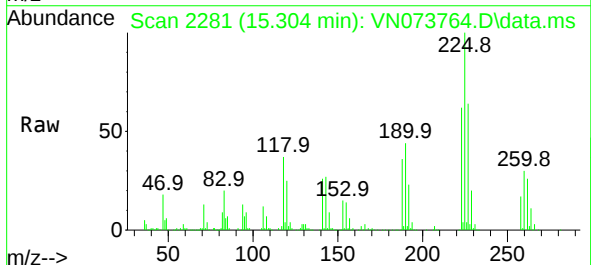
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

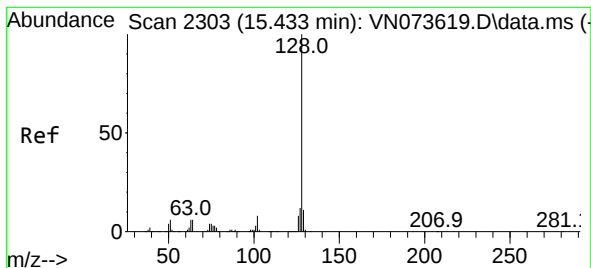
Tgt Ion:180 Resp: 326344
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 28.2 14.5 43.5



#94
Hexachlorobutadiene
Concen: 58.178 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073764.D
Acq: 05 Aug 2022 17:09

Tgt Ion:225 Resp: 167004
Ion Ratio Lower Upper
225 100
223 62.0 32.4 97.2
227 63.2 31.8 95.4





#95

Naphthalene

Concen: 61.434 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

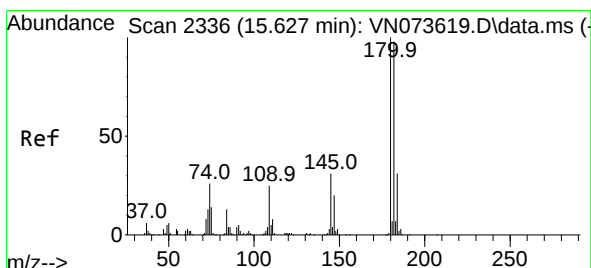
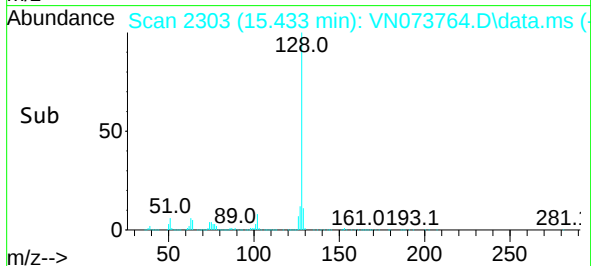
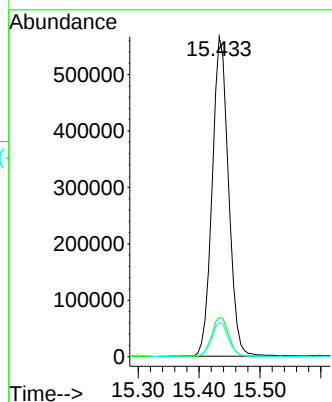
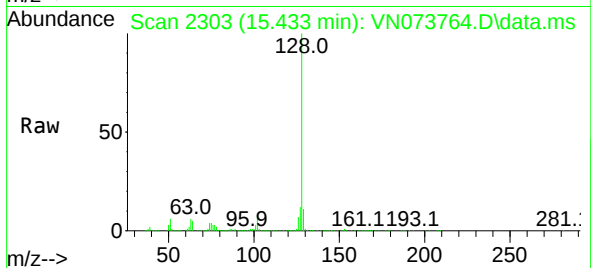
Tgt Ion:128 Resp: 1052653

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 60.345 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073764.D

Acq: 05 Aug 2022 17:09

Tgt Ion:180 Resp: 335353

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 28.8 15.5 46.5

