

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074081.D
 Acq On : 23 Aug 2022 20:32
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Aug 24 01:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	70752	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	389094	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	348564	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	177939	29.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.967%
60) 4-Bromofluorobenzene	12.669	95	185257	30.016	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.067%
63) Toluene-d8	10.381	98	585121	29.812	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	88765	18.458	ug/l	99
3) Chloromethane	2.269	50	113932	17.919	ug/l	97
4) Vinyl Chloride	2.405	62	119685	15.336	ug/l	98
5) Bromomethane	2.805	94	68846	17.365	ug/l	99
6) Chloroethane	2.963	64	77141	14.590	ug/l	98
7) Trichlorofluoromethane	3.316	101	164241	21.397	ug/l	95
8) Diethyl Ether	3.769	74	58726	19.013	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	85733	18.526	ug/l #	62
10) 1,1-Dichloroethene	4.116	96	85579	19.320	ug/l	91
11) Methyl Iodide	4.346	142	90134	17.641	ug/l	89
12) Methyl Acetate	4.775	43	162166	21.542	ug/l	97
13) Acrolein	3.981	56	104879	79.251	ug/l	97
14) Acrylonitrile	5.475	53	346023	99.592	ug/l	98
15) Acetone	4.228	58	102944	106.579	ug/l	81
16) Carbon Disulfide	4.457	76	210681	17.405	ug/l	97
17) Allyl chloride	4.763	41	131687	17.823	ug/l	83
18) Methylene Chloride	5.010	84	104980	18.704	ug/l	95
19) trans-1,2-Dichloroethene	5.516	96	92360	18.806	ug/l	95
20) Diisopropyl ether	6.410	45	294016	18.293	ug/l	96
21) 1,1-Dichloroethane	6.310	63	175677	18.523	ug/l	99
22) cis-1,2-Dichloroethene	7.251	96	111817	18.926	ug/l	93
23) tert-Butyl Alcohol	5.287	59	68287	55.615	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	303367	19.434	ug/l #	72
25) Chloroform	7.745	83	185664	18.965	ug/l	99
26) Cyclohexane	8.022	56	141184	17.258	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	126651	17.421	ug/l	99
30) 2-Butanone	7.263	43	466273	92.776	ug/l	98
31) 2,2-Dichloropropane	7.245	77	89674	11.821	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	154413	18.350	ug/l	98
33) Carbon Tetrachloride	8.139	117	132054	18.301	ug/l	96
34) Benzene	8.392	78	419357	17.825	ug/l	99
35) Methacrylonitrile	7.569	41	80117	19.638	ug/l	95
36) 1,2-Dichloroethane	8.463	62	137923	17.779	ug/l #	94
37) Trichloroethene	9.151	130	105899	18.297	ug/l	93
38) Methylcyclohexane	9.392	83	150371	16.662	ug/l	98
39) 1,2-Dichloropropane	9.428	63	104566	17.618	ug/l	98
40) Dibromomethane	9.516	93	72282	17.947	ug/l	84
41) Bromodichloromethane	9.704	83	141576	17.958	ug/l	94
42) Vinyl Acetate	6.351	43	1255732	86.710	ug/l	96

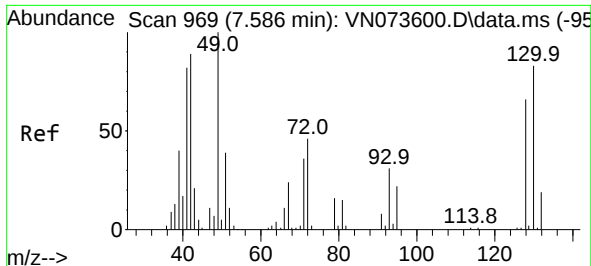
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074081.D
 Acq On : 23 Aug 2022 20:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 24 01:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	181161	18.988	ug/l	97
44) Isopropyl Acetate	8.492	43	232478	17.522	ug/l	94
45) 1,4-Dioxane	9.504	88	64660	408.712	ug/l #	95
46) Methyl methacrylate	9.498	41	103919	17.514	ug/l	78
47) n-amyl Acetate	12.327	43	183457	17.344	ug/l	91
48) t-1,3-Dichloropropene	10.663	75	132059	16.271	ug/l	99
49) cis-1,3-Dichloropropene	10.128	75	148622	16.492	ug/l #	84
50) 1,1,2-Trichloroethane	10.839	97	110595	18.304	ug/l	97
51) Ethyl methacrylate	10.704	69	165359	18.204	ug/l	79
52) 1,3-Dichloropropane	10.986	76	181883	17.859	ug/l	100
53) Dibromochloromethane	11.180	129	112864	18.432	ug/l	99
54) 1,2-Dibromoethane	11.286	107	112728	18.308	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	437465	107.375	ug/l	98
56) Bromoform	12.398	173	90802	18.870	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	862867	95.737	ug/l	92
59) 2-Hexanone	11.028	43	676259	97.415	ug/l	91
61) Tetrachloroethene	10.916	164	91446	17.127	ug/l	90
62) Toluene	10.445	91	454598	18.754	ug/l	98
64) Chlorobenzene	11.710	112	277563	19.165	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.780	131	104167	19.377	ug/l	98
66) Ethyl Benzene	11.786	91	472195	18.222	ug/l	98
67) m/p-Xylenes	11.892	106	377872	38.151	ug/l	95
68) o-Xylene	12.222	106	185529	18.859	ug/l	97
69) Styrene	12.233	104	303479	18.716	ug/l	96
70) Isopropylbenzene	12.522	105	473323	18.819	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	176760	19.987	ug/l	100
72) 1,2,3-Trichloropropane	12.822	75	207207	28.054	ug/l	49
73) Bromobenzene	12.804	156	123091	19.702	ug/l	93
74) n-propylbenzene	12.863	91	522228	17.841	ug/l	97
75) 2-Chlorotoluene	12.951	91	332182	18.932	ug/l	100
76) 1,3,5-Trimethylbenzene	12.998	105	392312	18.622	ug/l	95
77) t-1,4-Dichloro-2-butene	12.569	75	42303	15.716	ug/l	94
78) 4-Chlorotoluene	13.045	91	311602	18.487	ug/l	100
79) tert-butylbenzene	13.263	119	350067	19.220	ug/l	94
80) 1,2,4-Trimethylbenzene	13.445	105	468151	22.435	ug/l	100
81) sec-Butylbenzene	13.445	105	467775	17.887	ug/l	96
82) p-Isopropyltoluene	13.557	119	388717	18.104	ug/l	96
83) 1,3-Dichlorobenzene	13.551	146	215279	18.824	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	206507	18.719	ug/l	98
85) n-Butylbenzene	13.880	91	285412	16.399	ug/l	96
86) Hexachloroethane	14.151	117	71395	18.131	ug/l	71
87) 1,2-Dichlorobenzene	13.927	146	225838	19.532	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	38774	20.073	ug/l #	74
89) 1,2,4-Trichlorobenzene	15.198	180	126537	19.884	ug/l	94
90) Hexachlorobutadiene	15.304	225	65060	20.185	ug/l	99
91) Naphthalene	15.433	128	456074	21.826	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	137062	20.966	ug/l	98

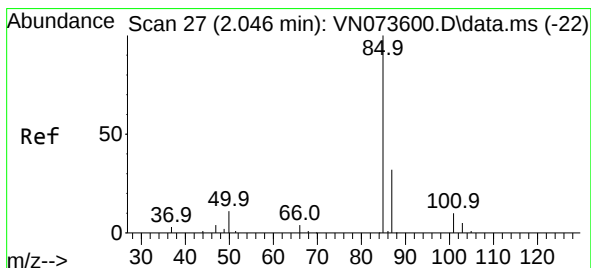
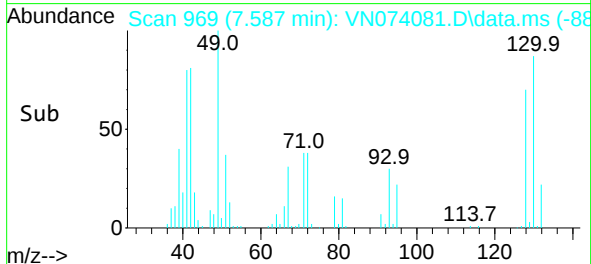
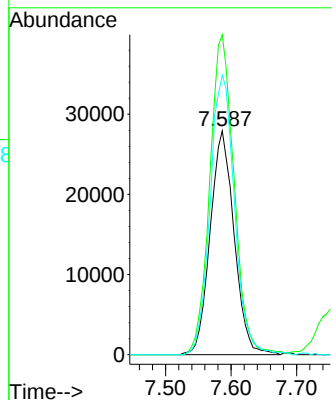
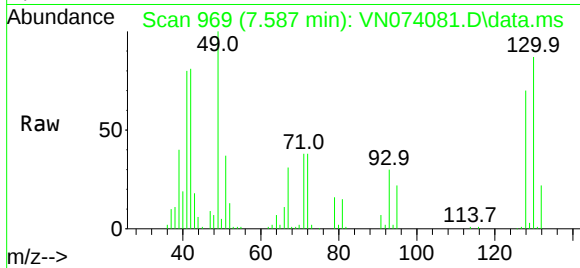
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.001 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

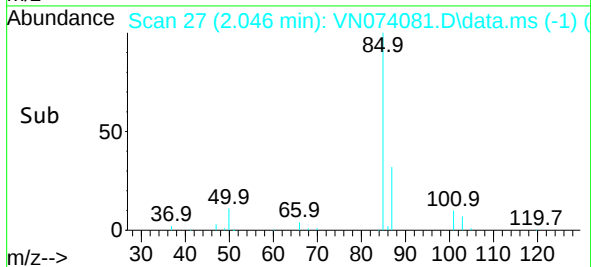
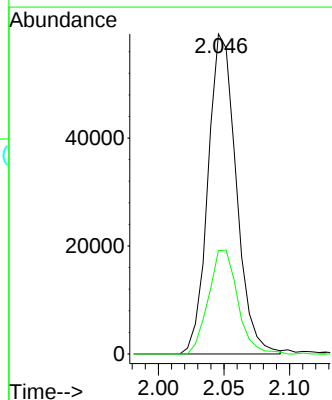
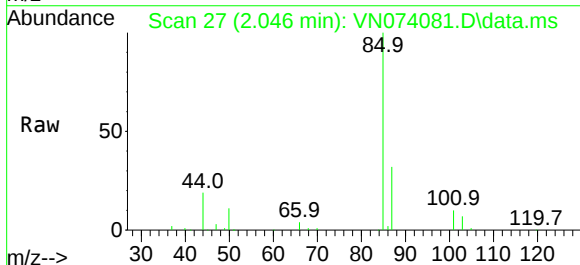
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

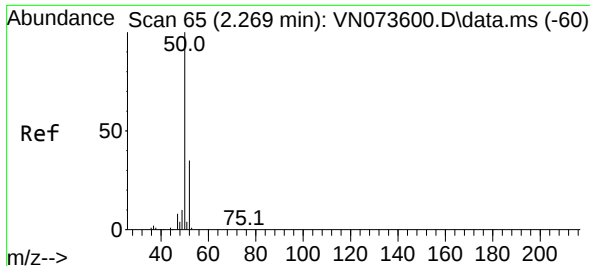
Tgt Ion:128 Resp: 70752
Ion Ratio Lower Upper
128 100
49 145.1 0.0 392.3
130 127.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 18.458 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 85 Resp: 88765
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

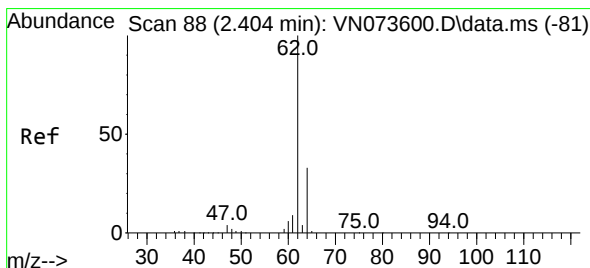
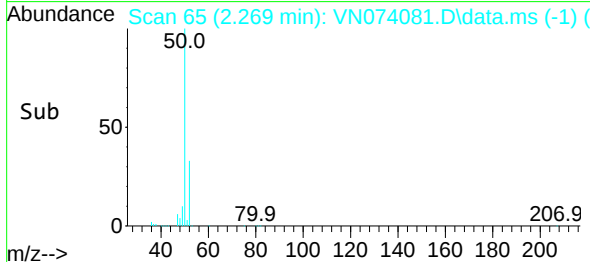
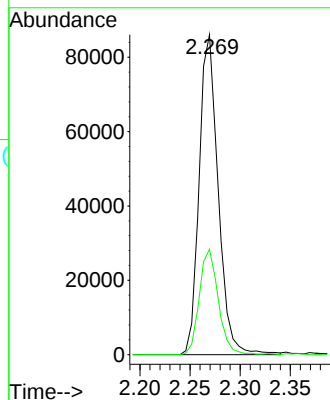
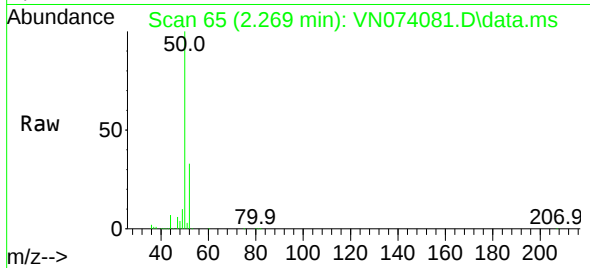




#3
Chloromethane
Concen: 17.919 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

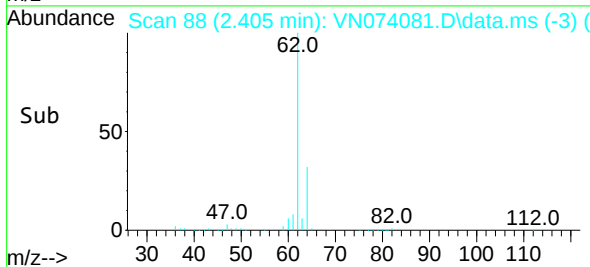
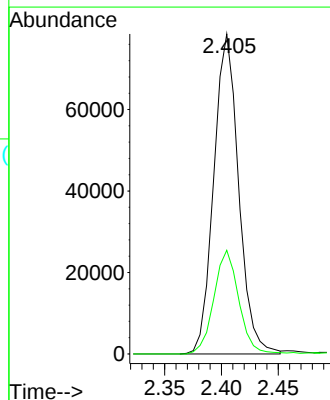
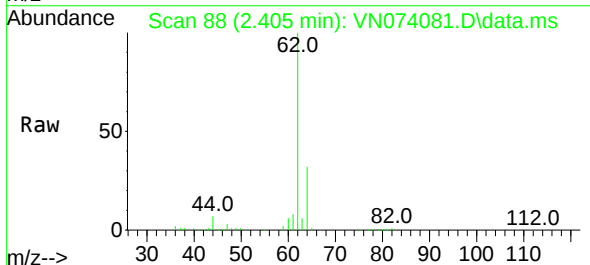
Instrument :
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ClientSampleId :
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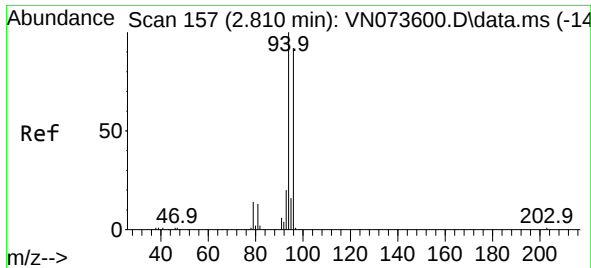
Tgt Ion: 50 Resp: 113932
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6



#4
Vinyl Chloride
Concen: 15.336 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 62 Resp: 119685
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7

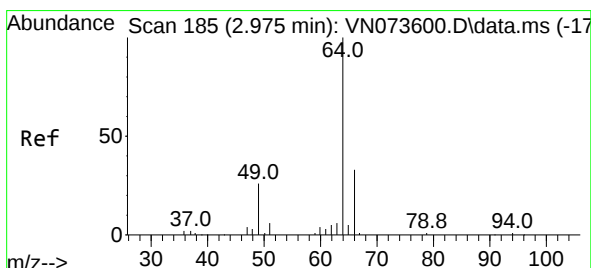
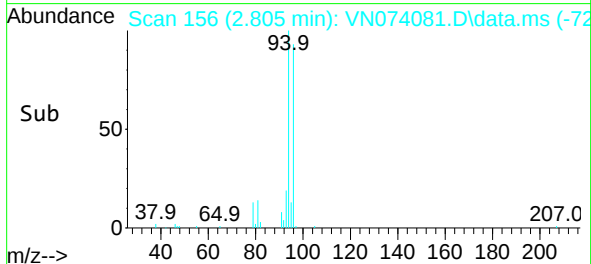
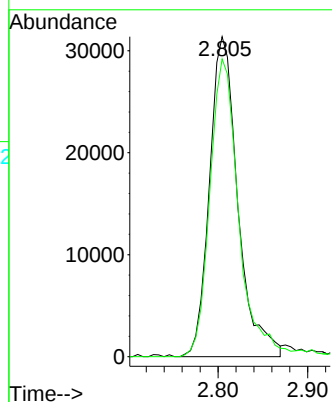
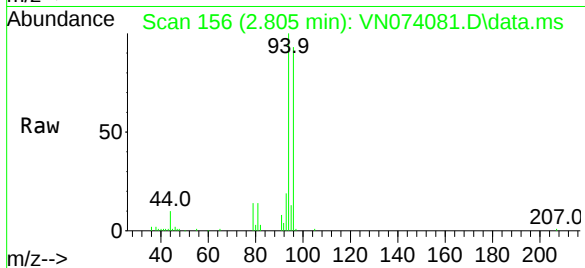




#5
Bromomethane
Concen: 17.365 ug/l
RT: 2.805 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

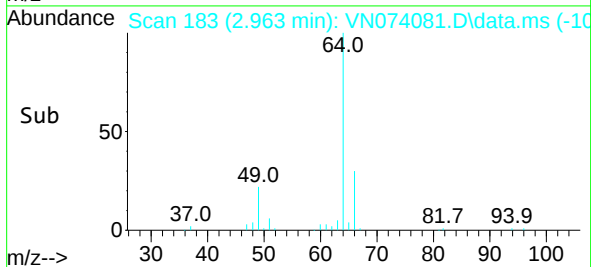
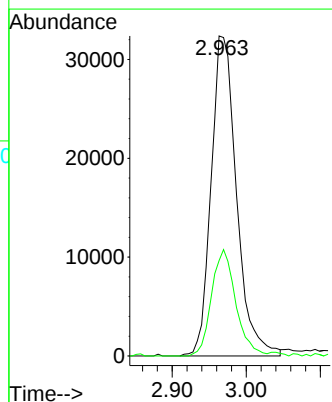
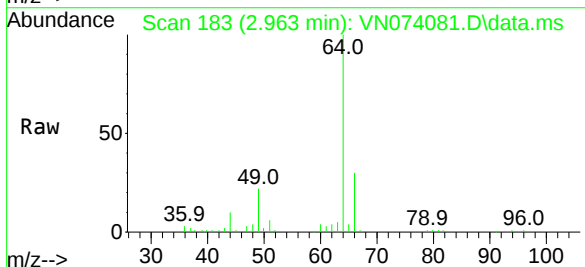
Instrument :
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ClientSampleId :
VSTDCCC020EC

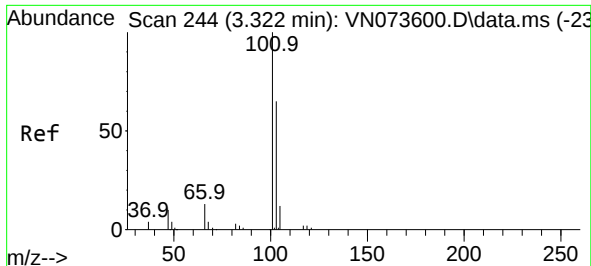
Tgt Ion: 94 Resp: 68846
Ion Ratio Lower Upper
94 100
96 93.0 75.2 112.8



#6
Chloroethane
Concen: 14.590 ug/l
RT: 2.963 min Scan# 183
Delta R.T. -0.012 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 64 Resp: 77141
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8

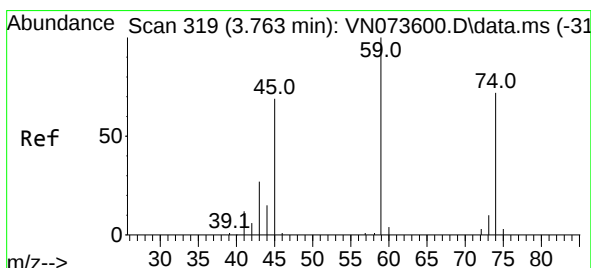
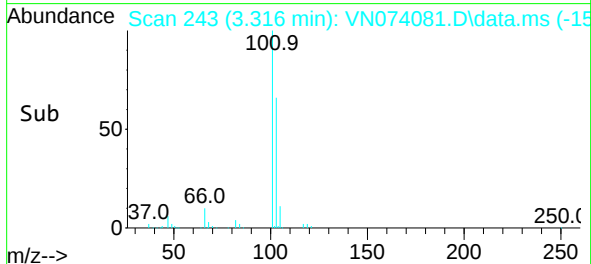
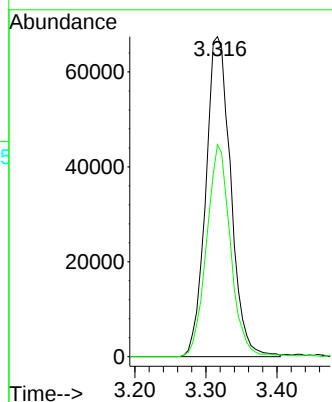
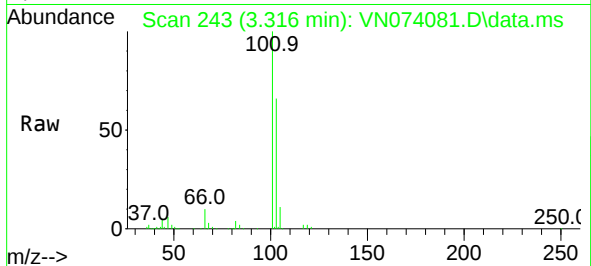




#7
 Trichlorofluoromethane
 Concen: 21.397 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

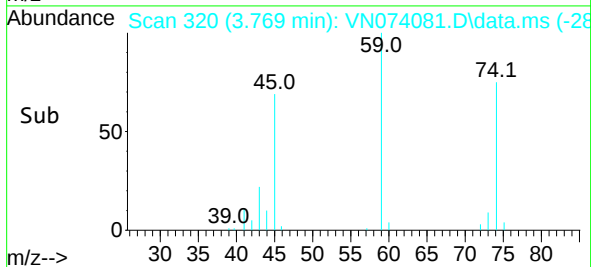
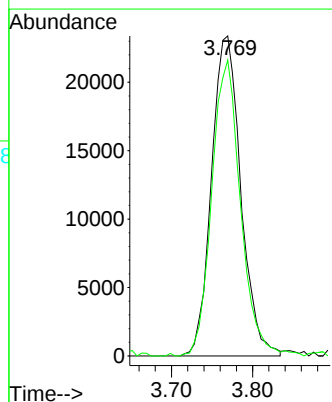
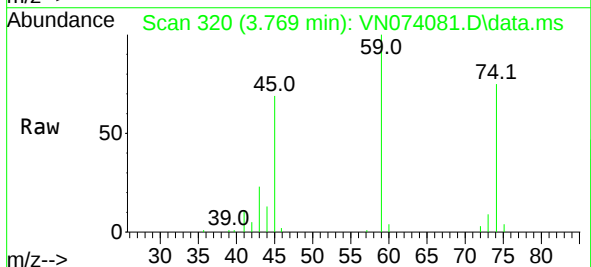
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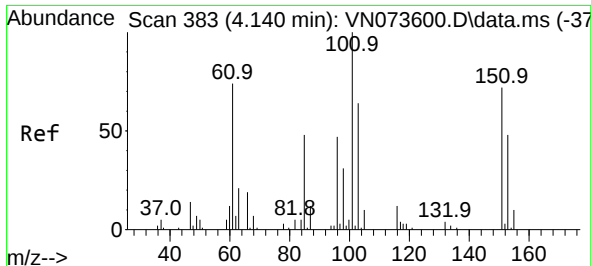
Tgt Ion:101 Resp: 164241
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.013 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

Tgt Ion: 74 Resp: 58726
 Ion Ratio Lower Upper
 74 100
 45 90.1 17.6 158.8

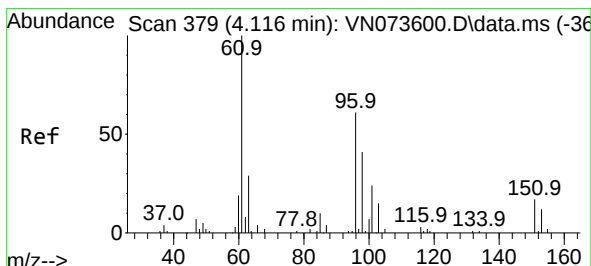
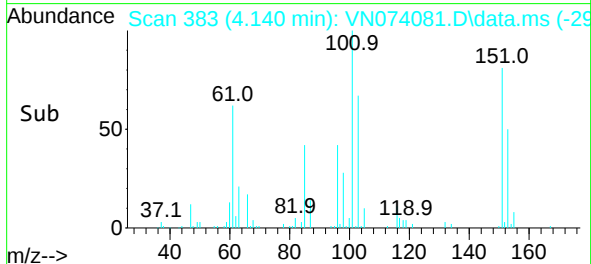
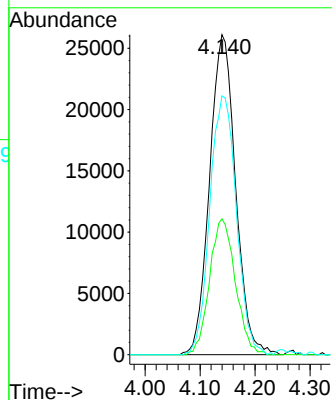
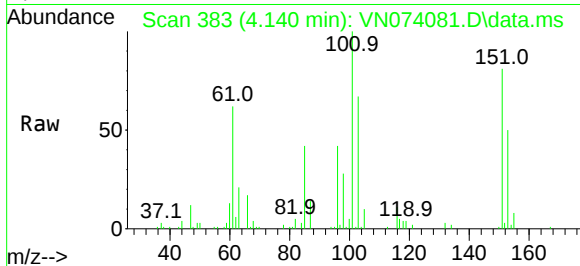




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.526 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

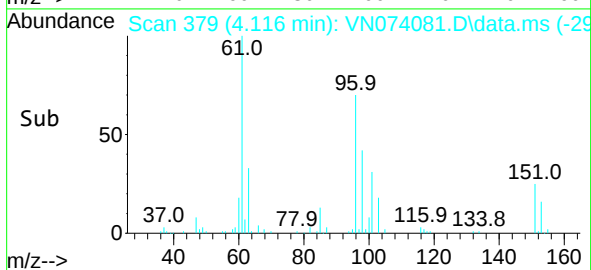
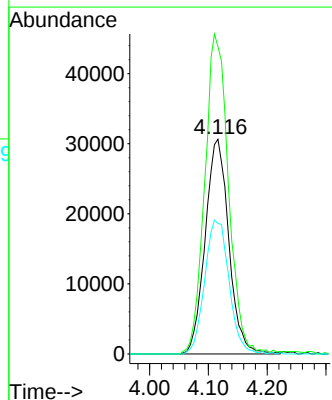
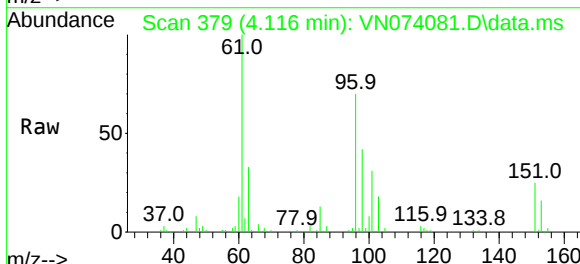
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

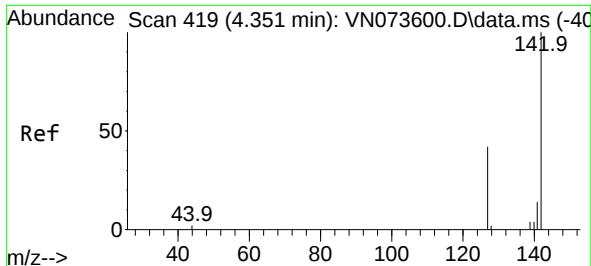
Tgt Ion:101 Resp: 85733
Ion Ratio Lower Upper
101 100
85 42.0 0.0 94.0
151 82.9 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 19.320 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 96 Resp: 85579
Ion Ratio Lower Upper
96 100
61 143.1 126.2 189.4
98 60.8 50.9 76.3

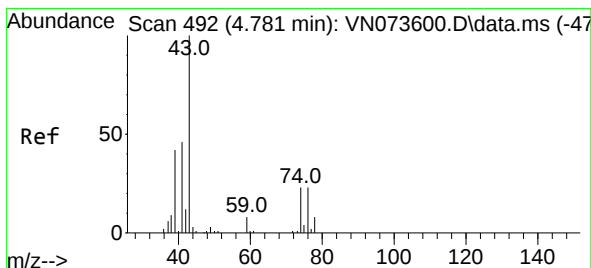
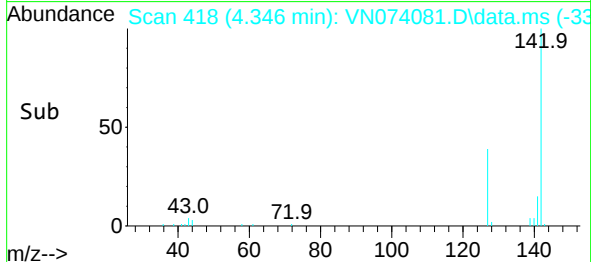
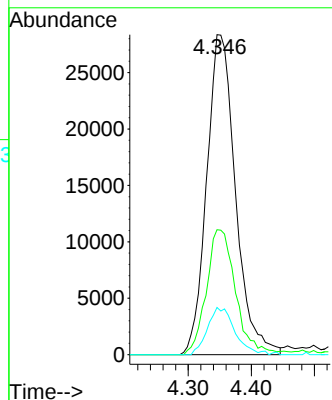
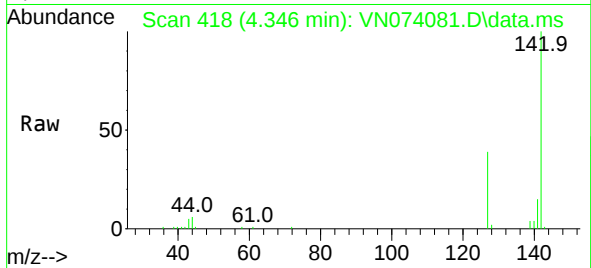




#11
Methyl Iodide
Concen: 17.641 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

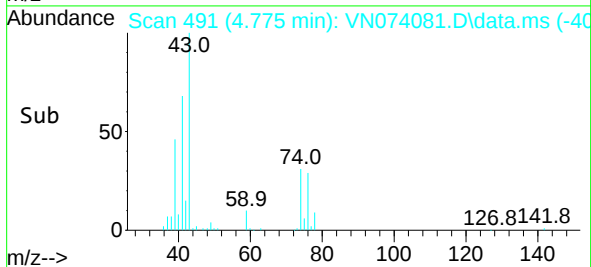
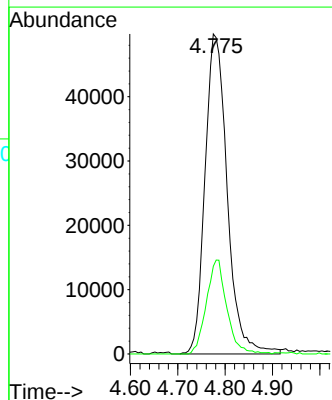
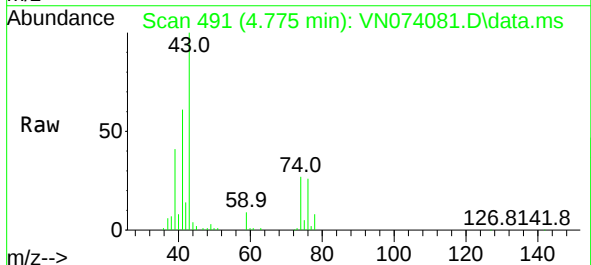
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

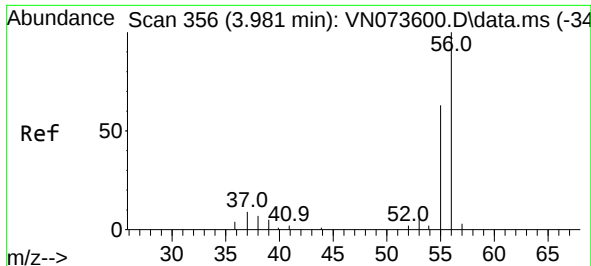
Tgt Ion:142 Resp: 90134
Ion Ratio Lower Upper
142 100
127 39.0 24.0 72.0
141 14.9 8.4 25.2



#12
Methyl Acetate
Concen: 21.542 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

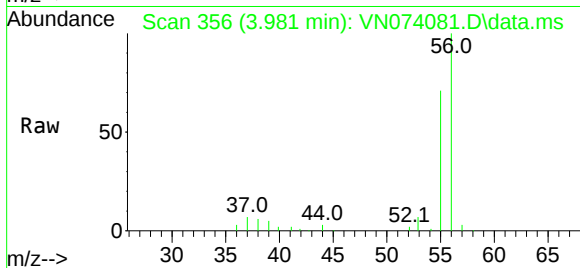
Tgt Ion: 43 Resp: 162166
Ion Ratio Lower Upper
43 100
74 27.4 20.8 31.2



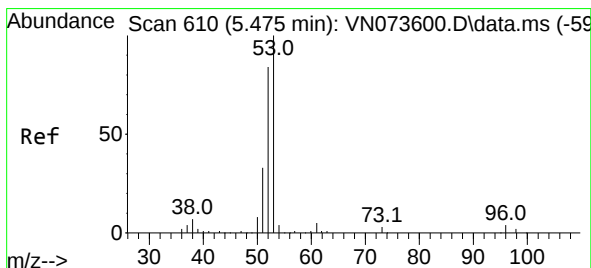
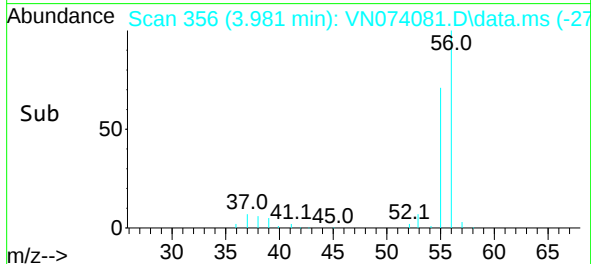
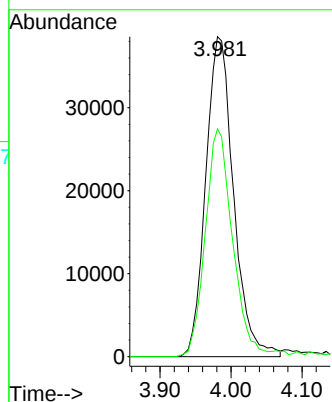


#13
Acrolein
Concen: 79.251 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

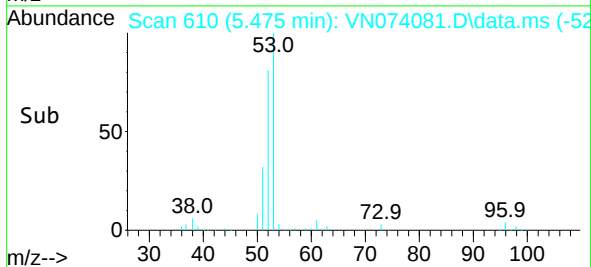
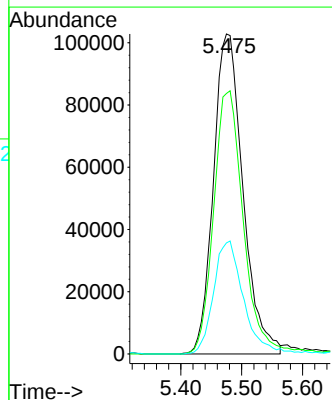
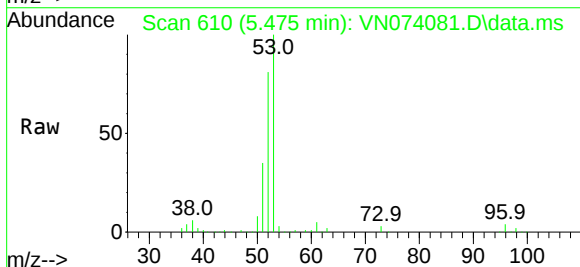


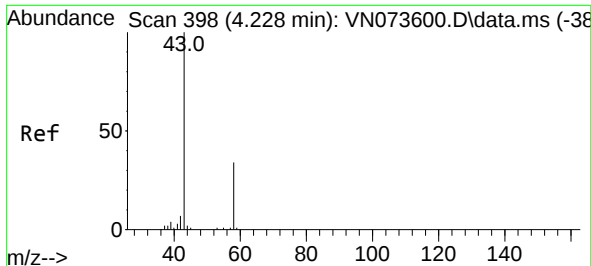
Tgt Ion: 56 Resp: 104879
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4



#14
Acrylonitrile
Concen: 99.592 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 53 Resp: 346023
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 35.2 19.0 57.0





#15

Acetone

Concen: 106.579 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

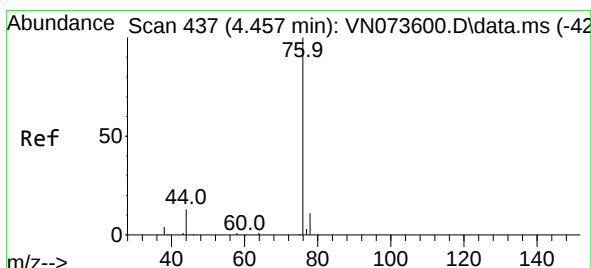
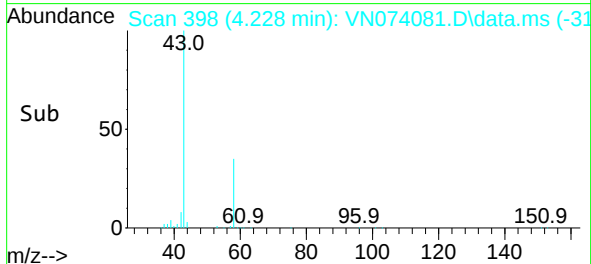
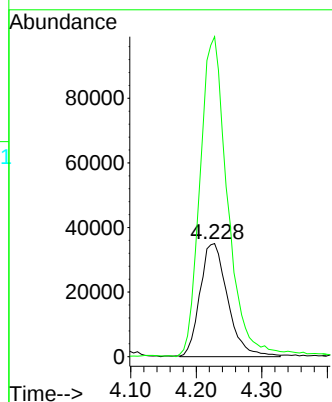
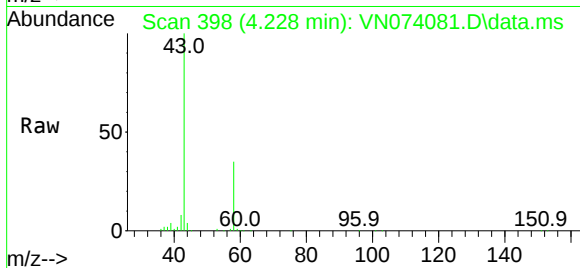
VSTDCCC020EC

Tgt Ion: 58 Resp: 102944

Ion Ratio Lower Upper

58 100

43 282.1 256.6 384.8



#16

Carbon Disulfide

Concen: 17.405 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN074081.D

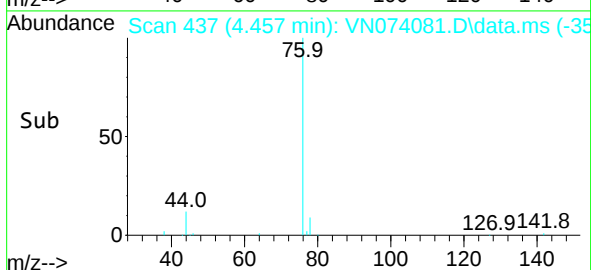
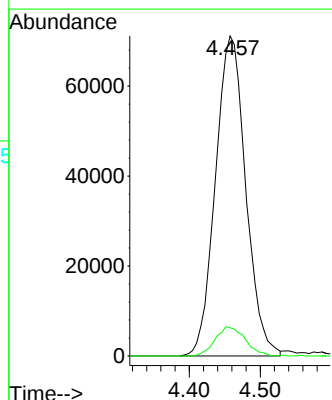
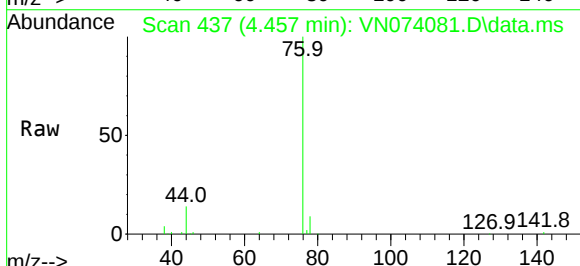
Acq: 23 Aug 2022 20:32

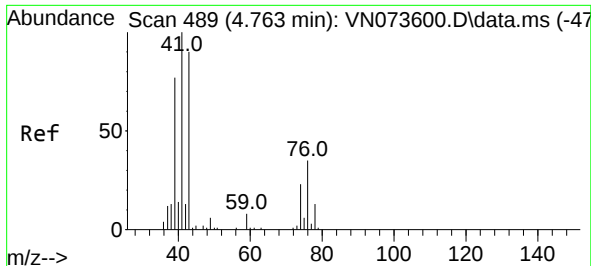
Tgt Ion: 76 Resp: 210681

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8

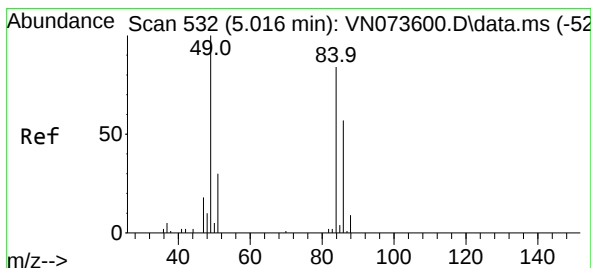
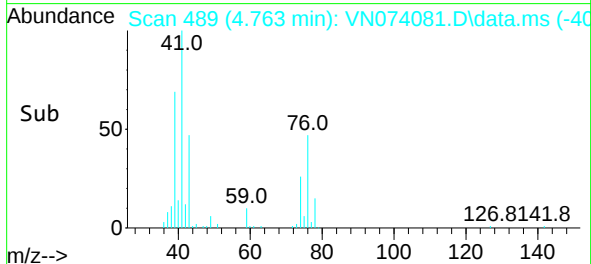
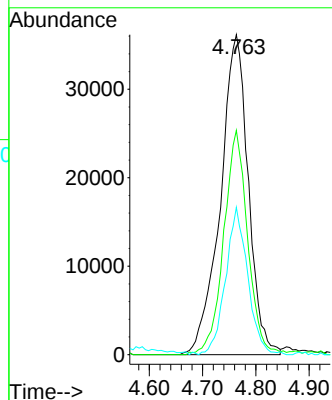
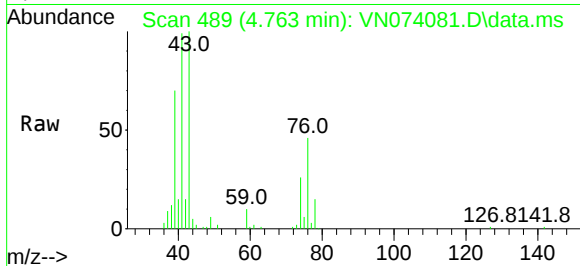




#17
 Allyl chloride
 Concen: 17.823 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

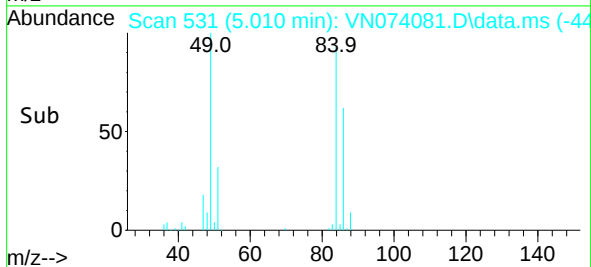
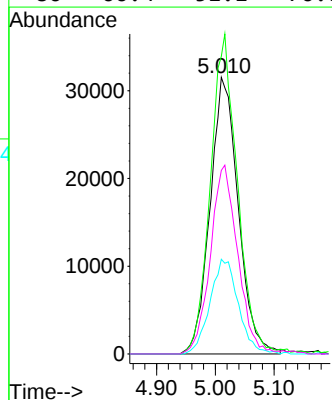
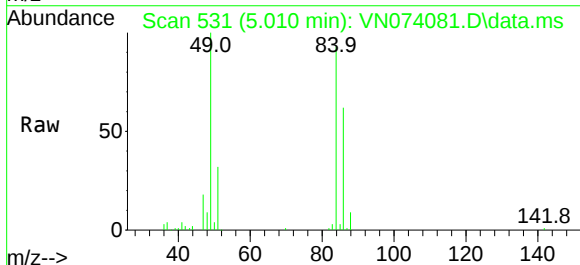
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

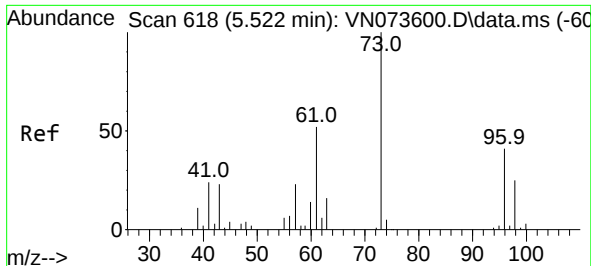
Tgt Ion: 41 Resp: 131687
 Ion Ratio Lower Upper
 41 100
 39 70.1 44.6 134.0
 76 45.4 19.6 58.7



#18
 Methylene Chloride
 Concen: 18.704 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.006 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

Tgt Ion: 84 Resp: 104980
 Ion Ratio Lower Upper
 84 100
 49 107.6 91.4 137.0
 51 34.3 29.4 44.0
 86 66.4 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 18.806 ug/l

RT: 5.516 min Scan# 618

Delta R.T. -0.006 min

Lab File: VN074081.D

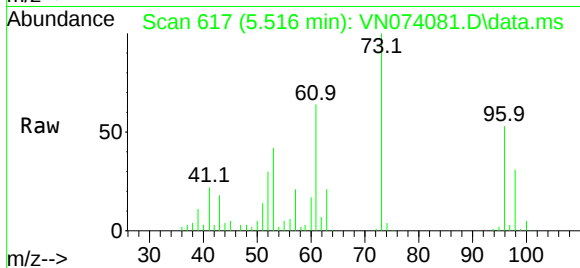
Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



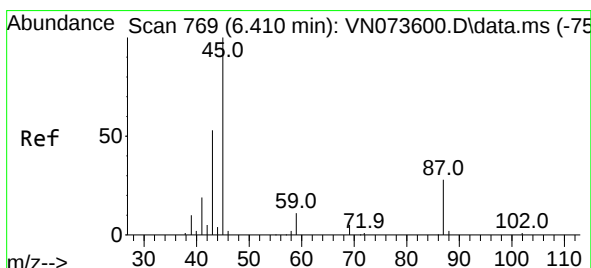
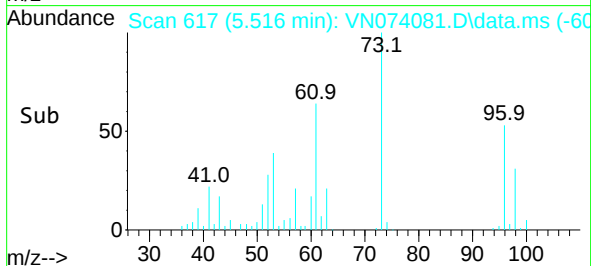
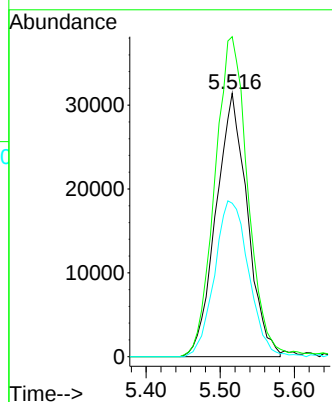
Tgt Ion: 96 Resp: 92360

Ion Ratio Lower Upper

96 100

61 121.5 102.8 154.2

98 58.3 49.3 73.9



#20

Diisopropyl ether

Concen: 18.293 ug/l

RT: 6.410 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Tgt Ion: 45 Resp: 294016

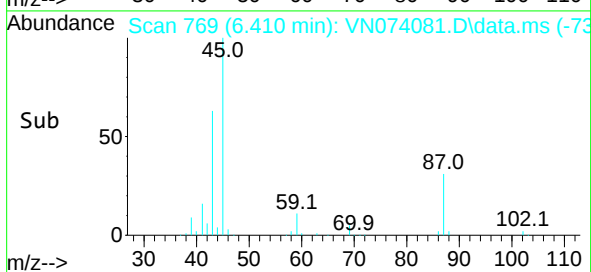
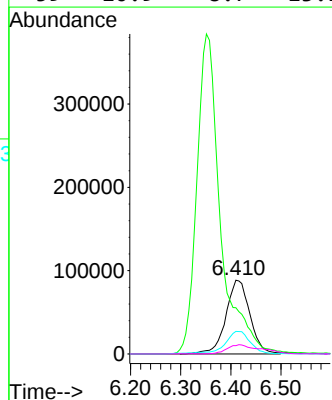
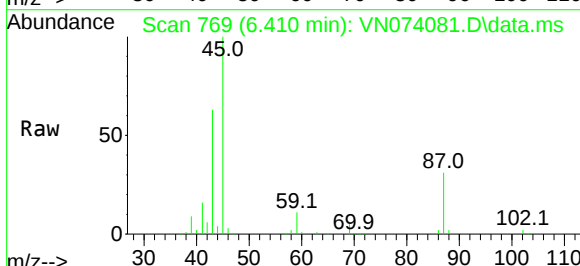
Ion Ratio Lower Upper

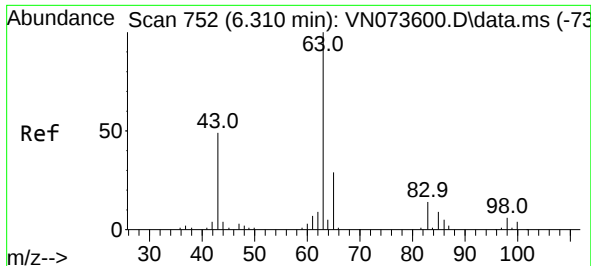
45 100

43 58.8 51.0 76.4

87 30.2 25.0 37.4

59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.523 ug/l

RT: 6.310 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

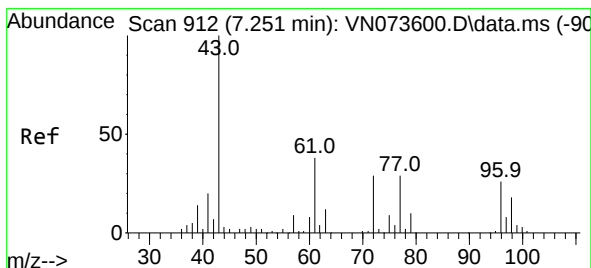
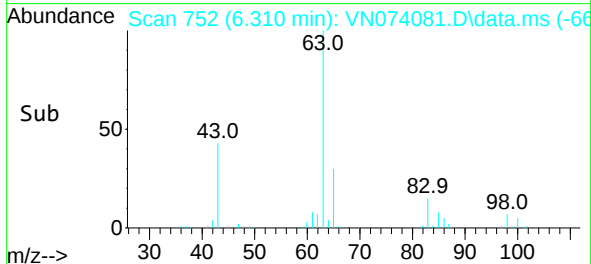
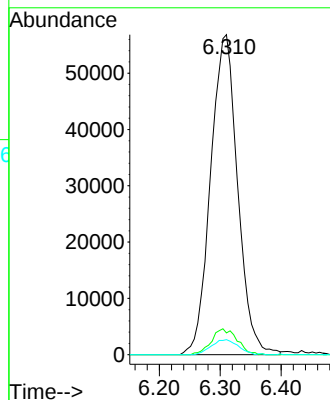
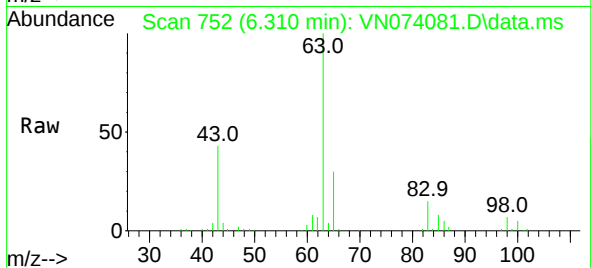
Tgt Ion: 63 Resp: 175677

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.7 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 18.926 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

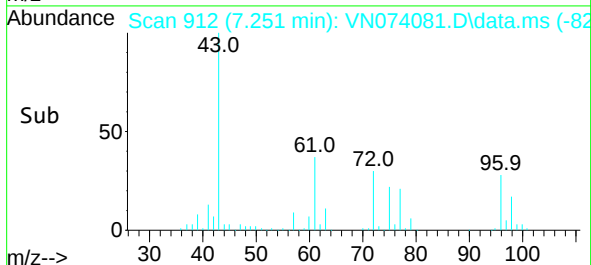
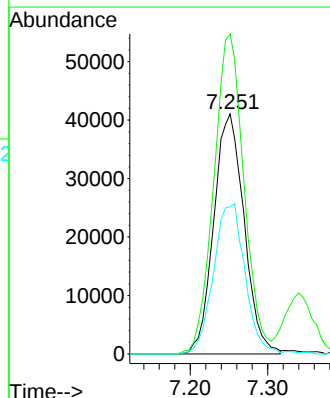
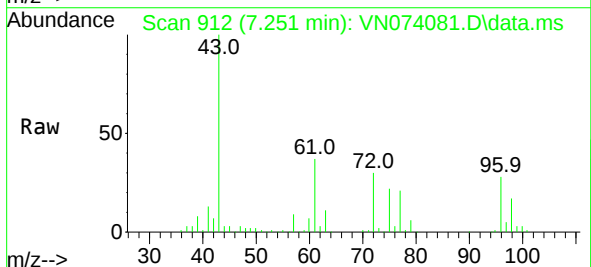
Tgt Ion: 96 Resp: 111817

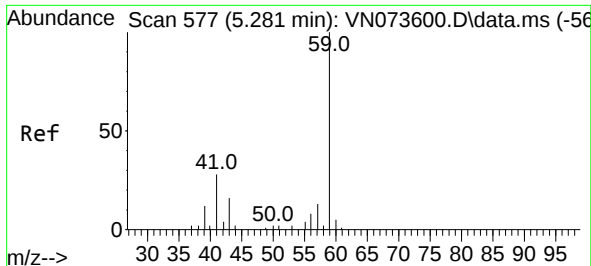
Ion Ratio Lower Upper

96 100

61 132.5 115.7 173.5

98 64.6 51.6 77.4

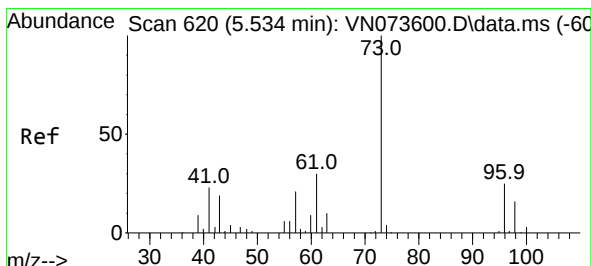
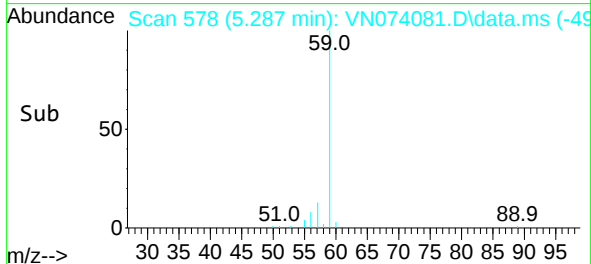
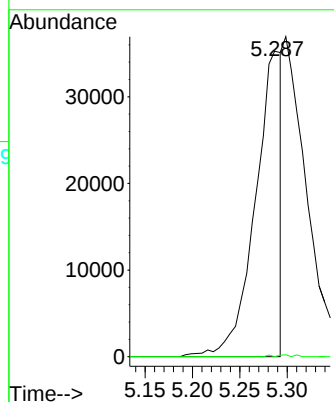
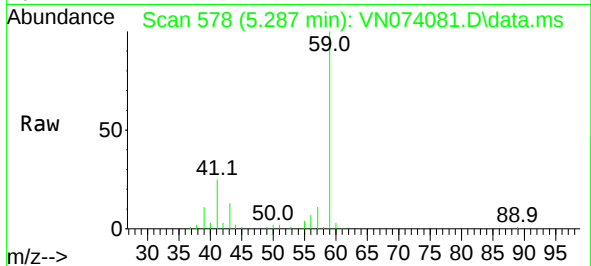




#23
tert-Butyl Alcohol
Concen: 55.615 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

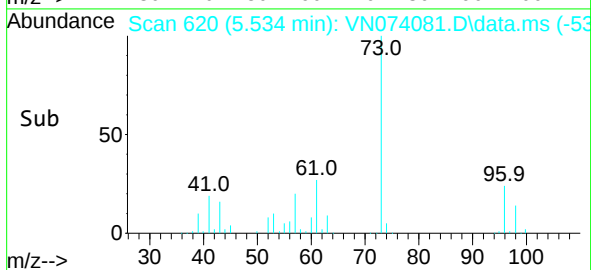
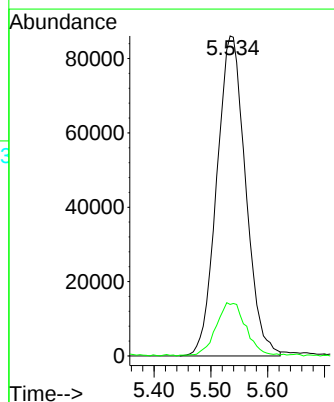
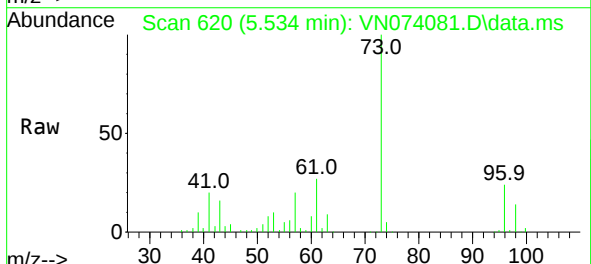
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

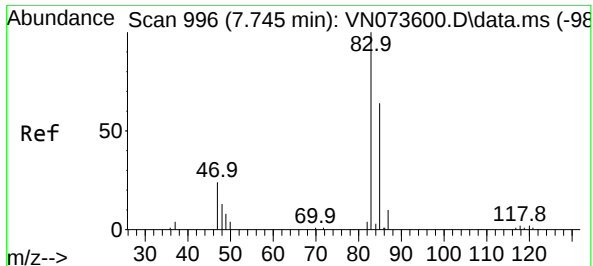
Tgt Ion: 59 Resp: 68287
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.434 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 73 Resp: 303367
Ion Ratio Lower Upper
73 100
43 8.9 18.1 27.1#

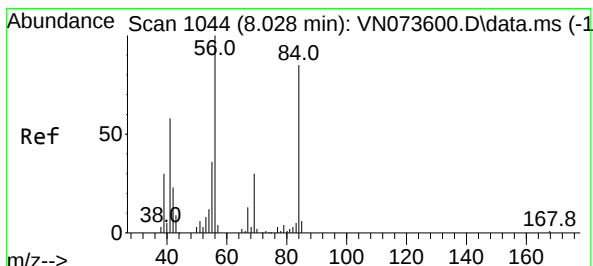
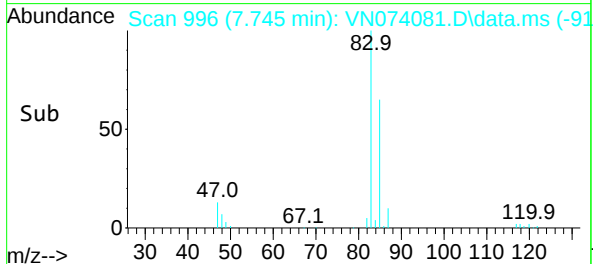
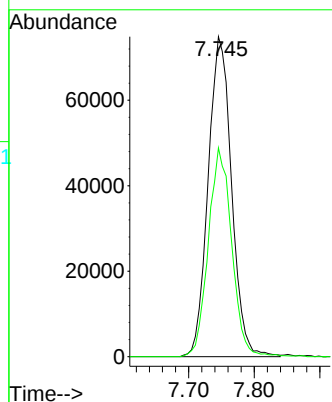
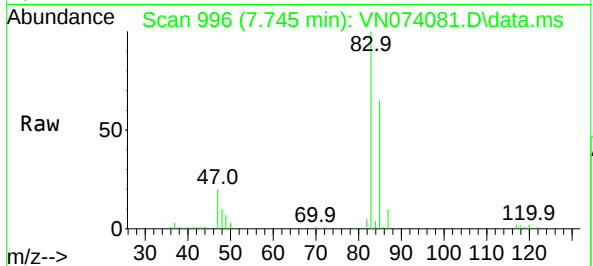




#25
Chloroform
Concen: 18.965 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

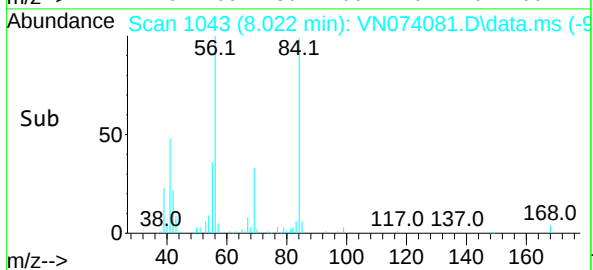
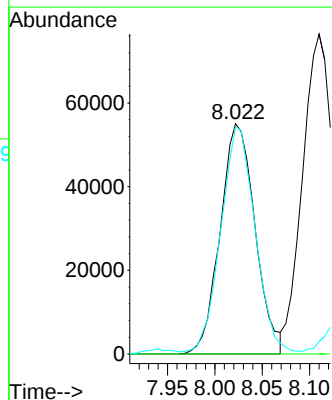
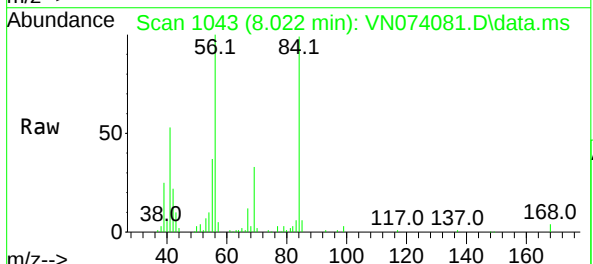
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

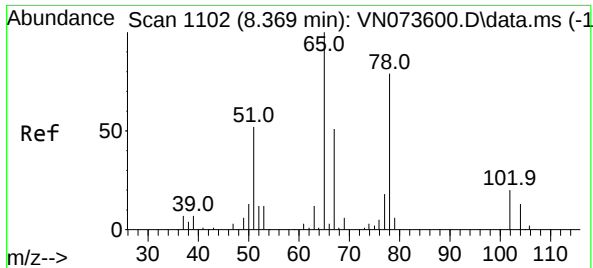
Tgt Ion: 83 Resp: 185664
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9



#26
Cyclohexane
Concen: 17.258 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 56 Resp: 141184
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 97.8 74.6 111.8

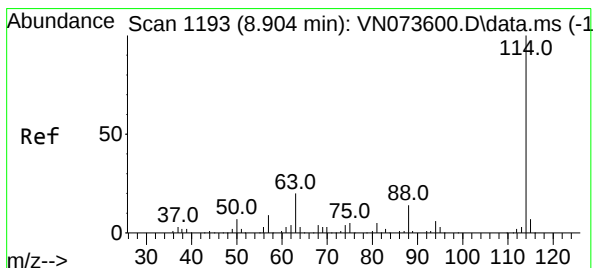
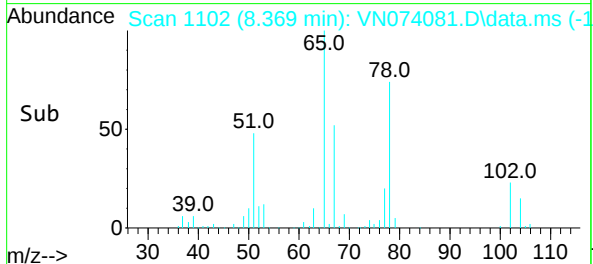
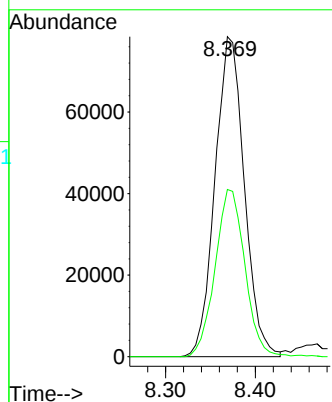
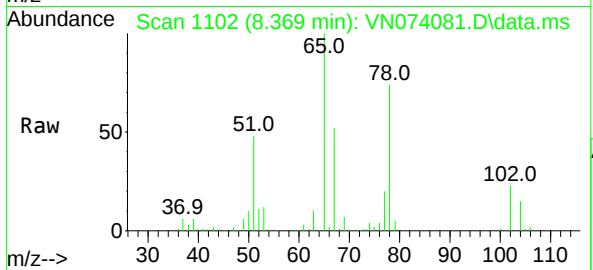




#27
 1,2-Dichloroethane-d4
 Concen: 29.088 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

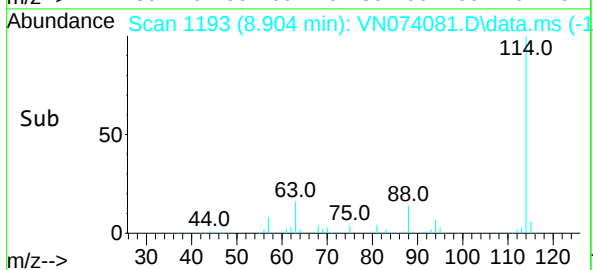
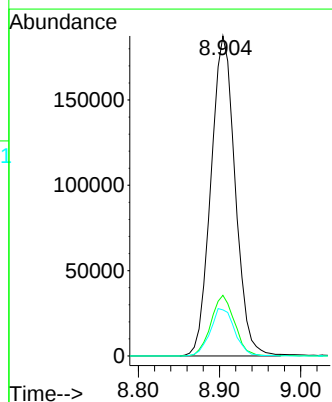
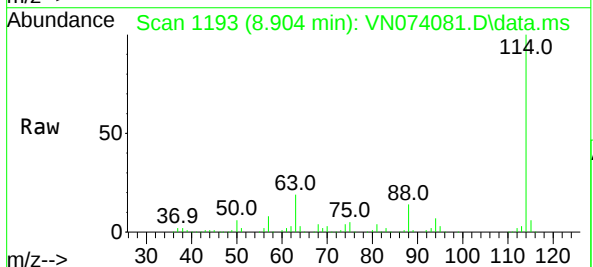
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

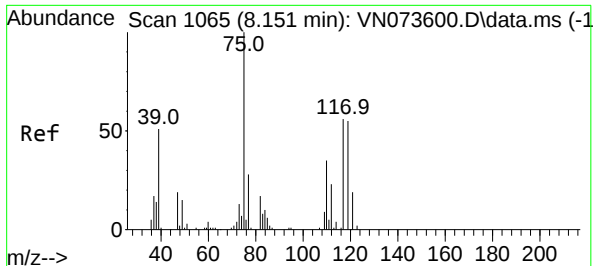
Tgt Ion: 65 Resp: 177939
 Ion Ratio Lower Upper
 65 100
 67 53.0 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

Tgt Ion: 114 Resp: 389094
 Ion Ratio Lower Upper
 114 100
 63 18.5 15.8 23.6
 88 14.9 11.6 17.4





#29

1,1-Dichloropropene

Concen: 17.421 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

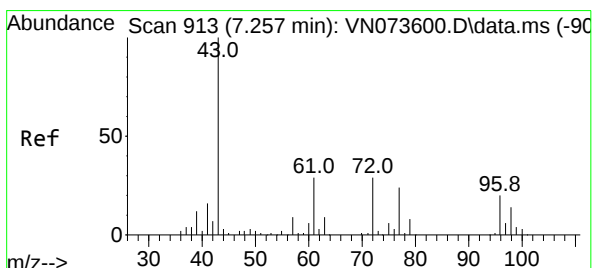
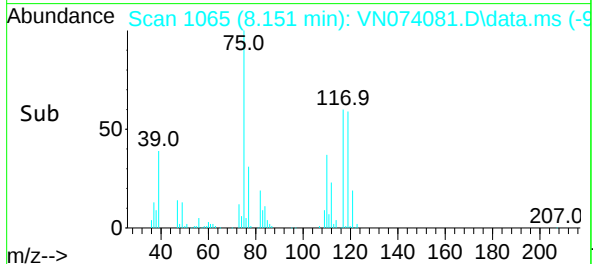
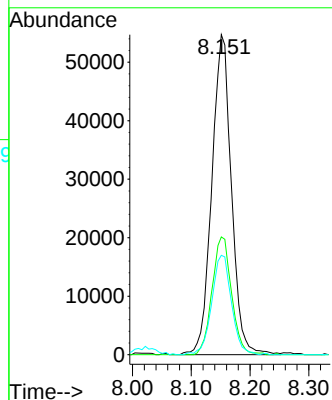
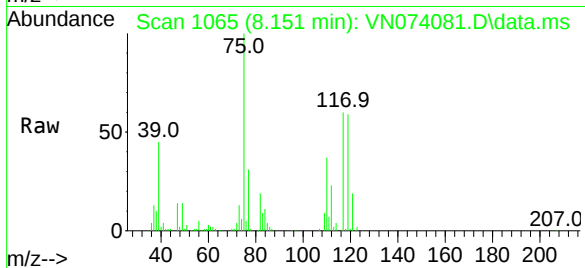
Tgt Ion: 75 Resp: 126651

Ion Ratio Lower Upper

75 100

110 36.5 0.0 74.2

77 31.0 0.0 63.2



#30

2-Butanone

Concen: 92.776 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

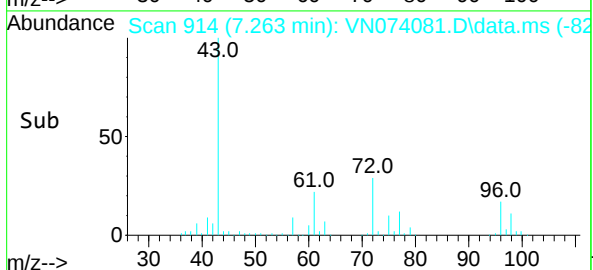
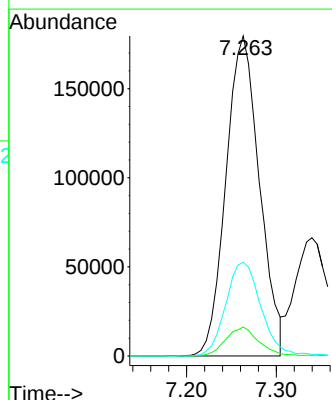
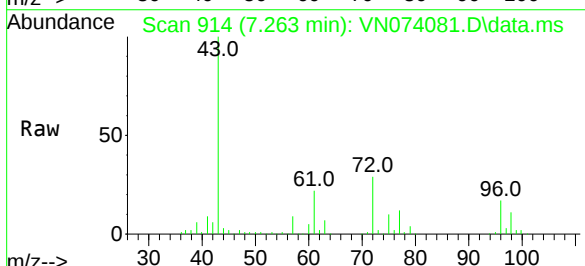
Tgt Ion: 43 Resp: 466273

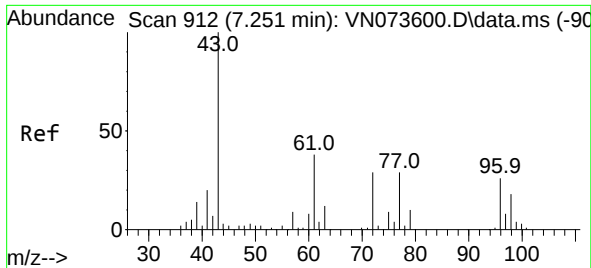
Ion Ratio Lower Upper

43 100

57 8.9 6.7 10.1

72 30.4 23.2 34.8

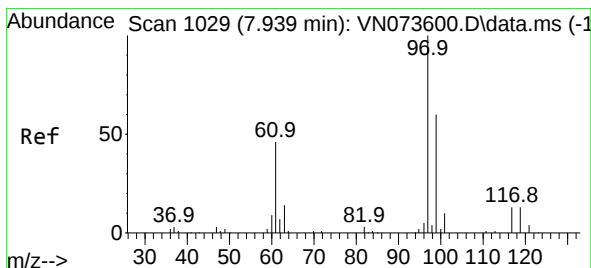
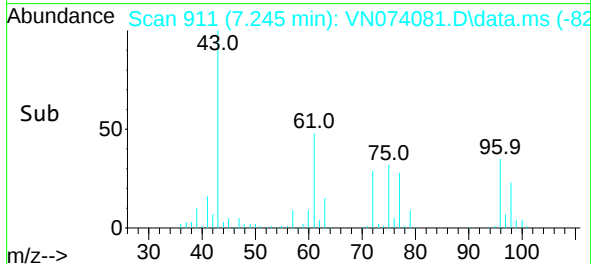
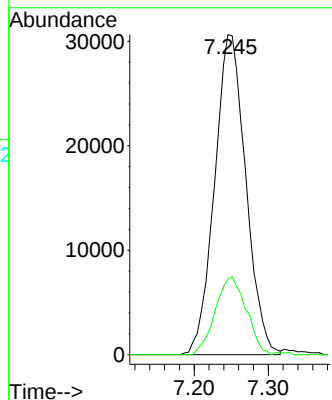
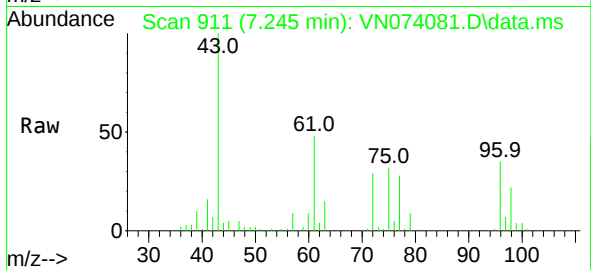




#31
2,2-Dichloropropane
Concen: 11.821 ug/l
RT: 7.245 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

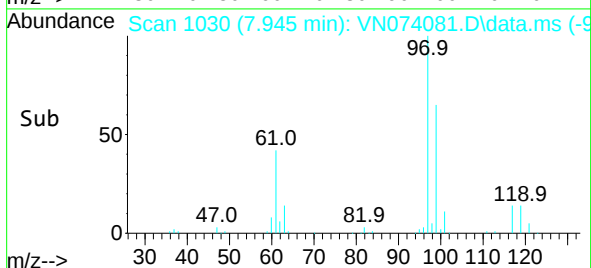
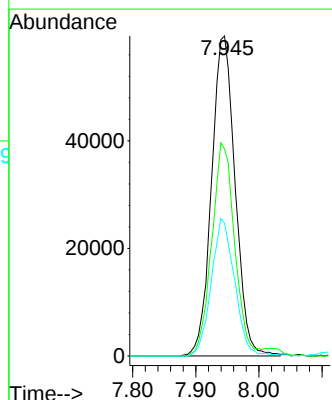
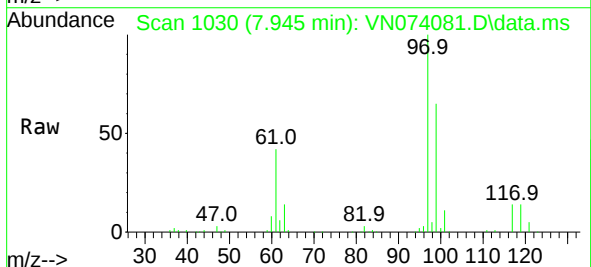
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

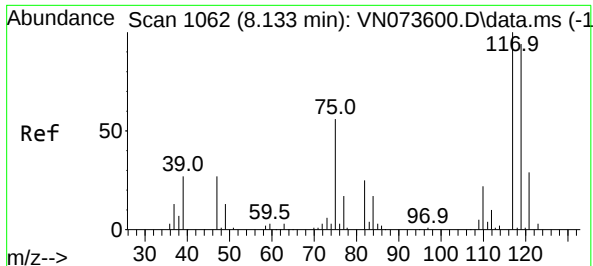
Tgt Ion: 77 Resp: 89674
Ion Ratio Lower Upper
77 100
97 24.1 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 18.350 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 97 Resp: 154413
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 41.9 34.6 51.8

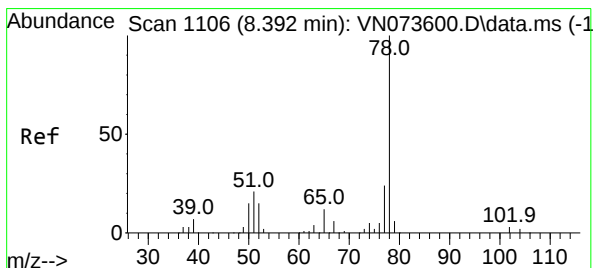
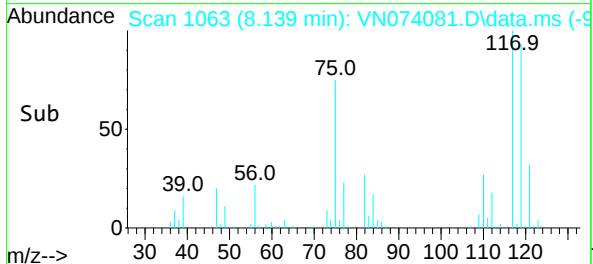
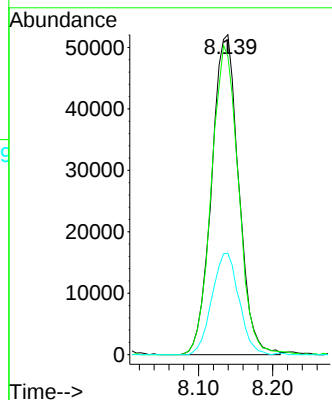
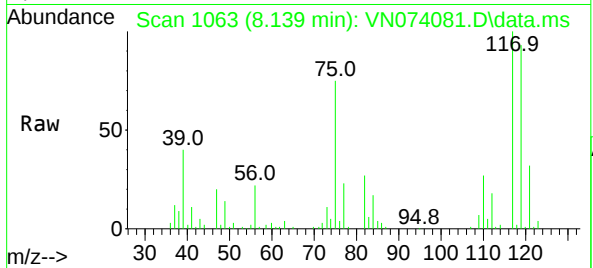




#33
Carbon Tetrachloride
Concen: 18.301 ug/l
RT: 8.139 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

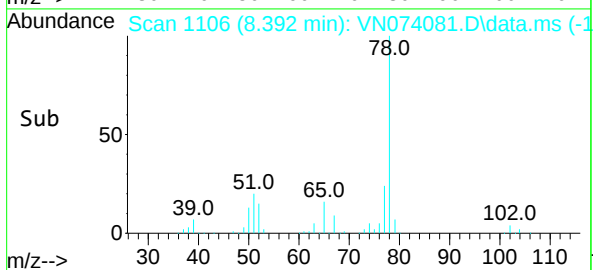
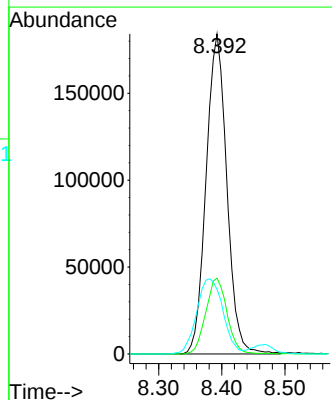
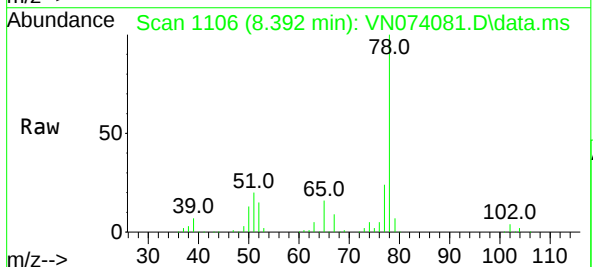
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

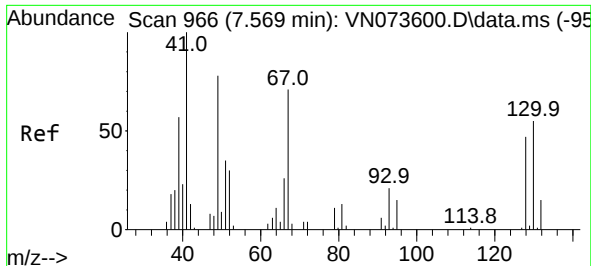
Tgt Ion:117 Resp: 132054
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3
121 31.6 23.5 35.3



#34
Benzene
Concen: 17.825 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 78 Resp: 419357
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 19.6 16.0 24.0

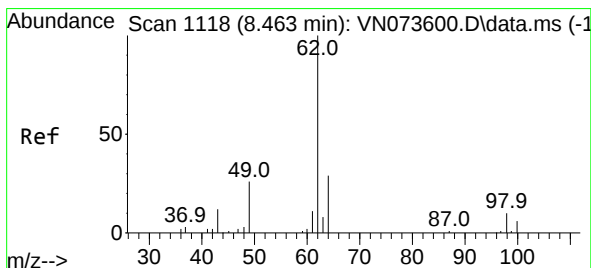
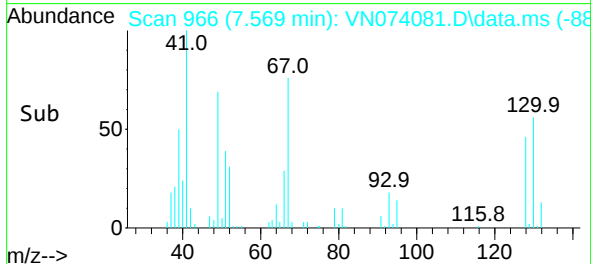
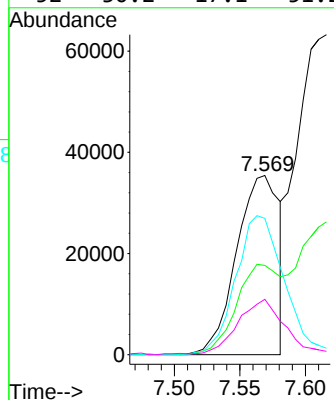
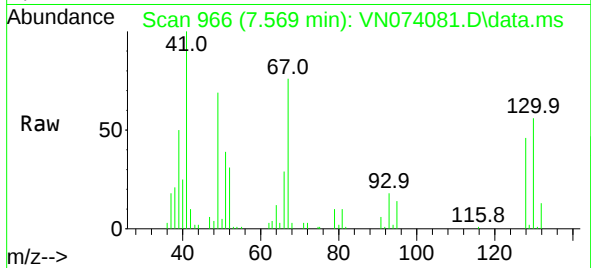




#35
Methacrylonitrile
Concen: 19.638 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

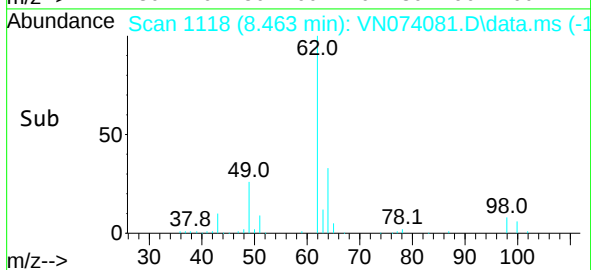
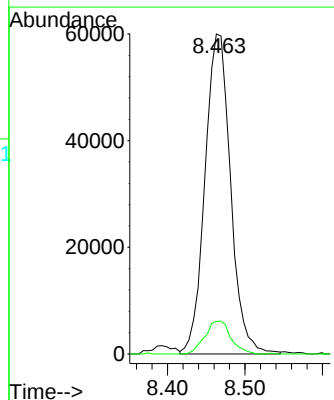
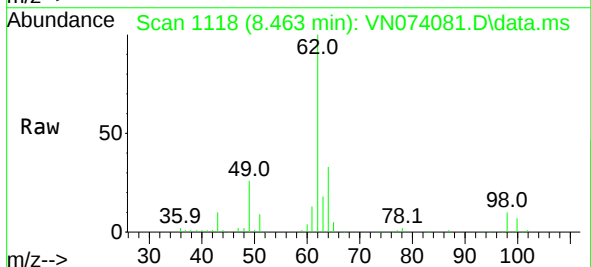
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

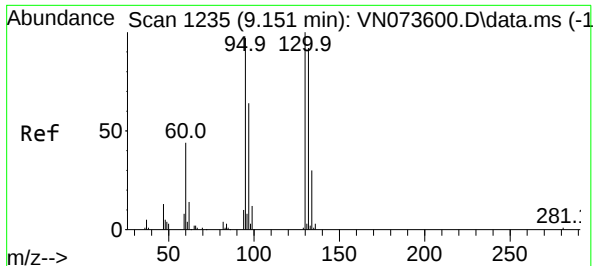
Tgt Ion: 41 Resp: 80117
Ion Ratio Lower Upper
41 100
39 49.8 28.0 83.9
67 76.1 37.7 113.1
52 30.2 17.1 51.2



#36
1,2-Dichloroethane
Concen: 17.779 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 62 Resp: 137923
Ion Ratio Lower Upper
62 100
98 10.4 6.6 10.0#





#37

Trichloroethene

Concen: 18.297 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

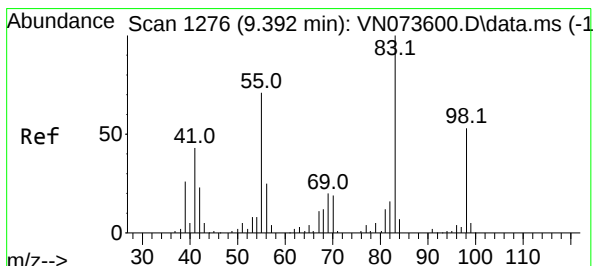
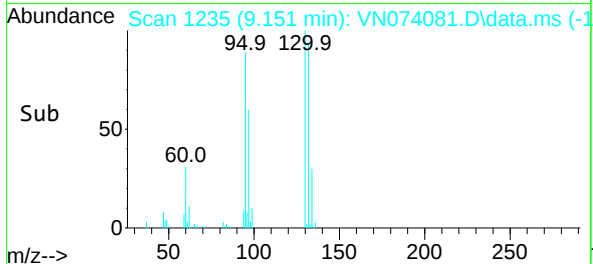
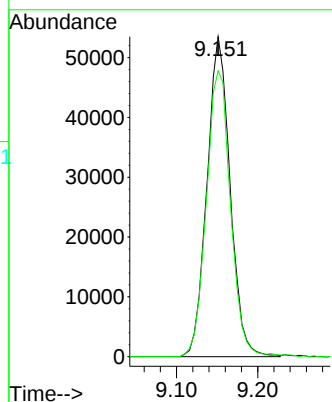
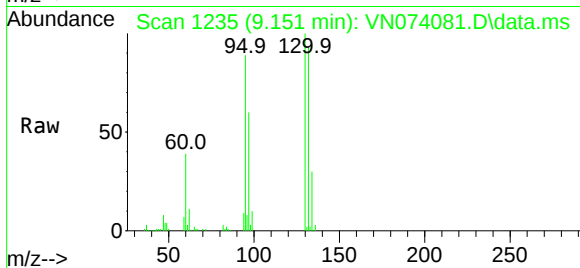
VSTDCCC020EC

Tgt Ion:130 Resp: 105899

Ion Ratio Lower Upper

130 100

95 89.3 76.6 115.0



#38

Methylcyclohexane

Concen: 16.662 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

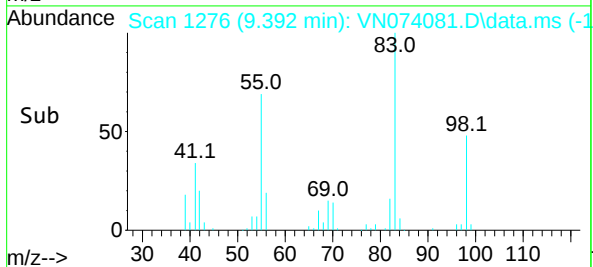
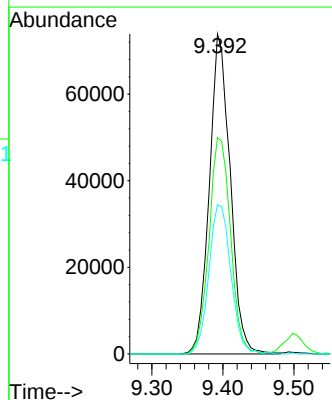
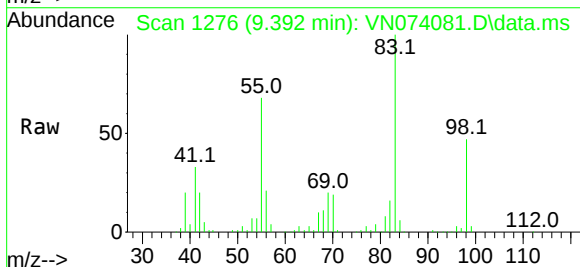
Tgt Ion: 83 Resp: 150371

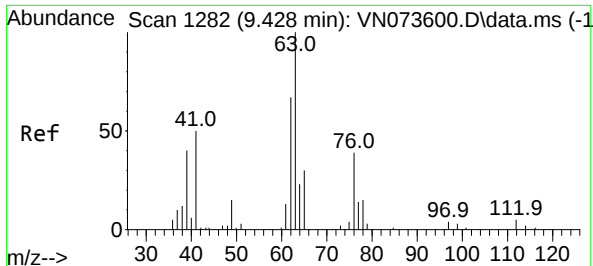
Ion Ratio Lower Upper

83 100

55 69.9 35.1 105.3

98 49.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 17.618 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

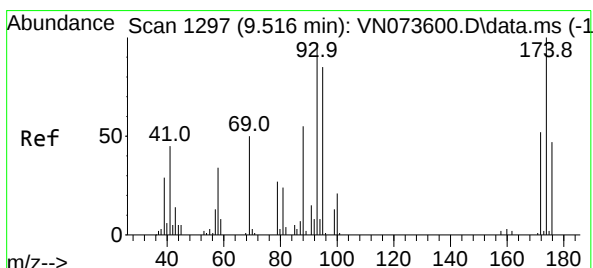
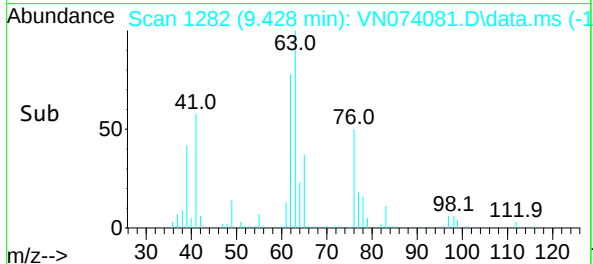
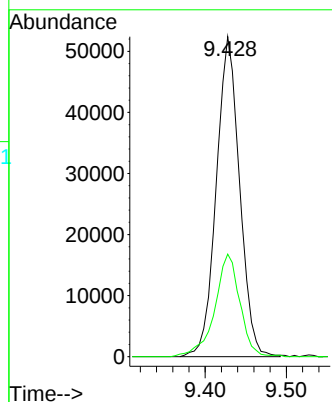
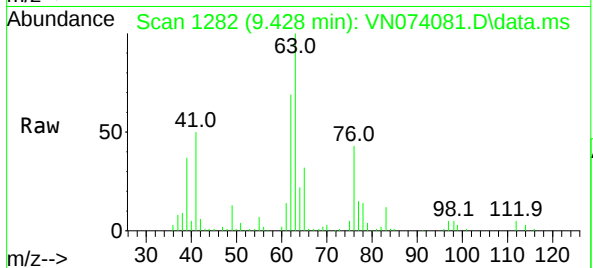
VSTDCCC020EC

Tgt Ion: 63 Resp: 104566

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#40

Dibromomethane

Concen: 17.947 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

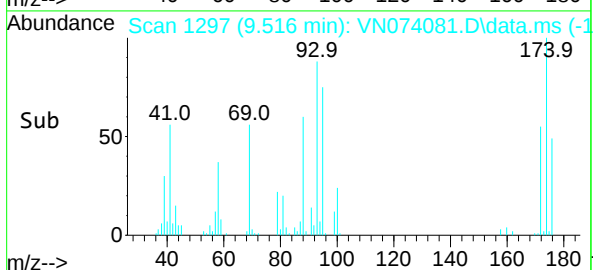
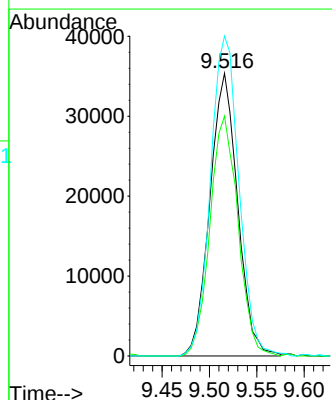
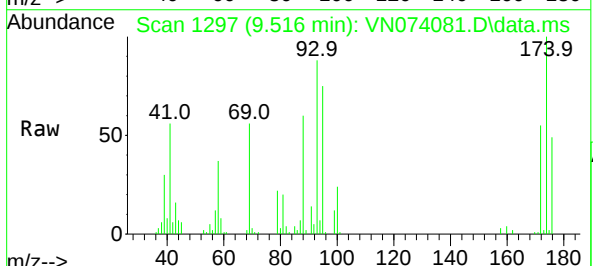
Tgt Ion: 93 Resp: 72282

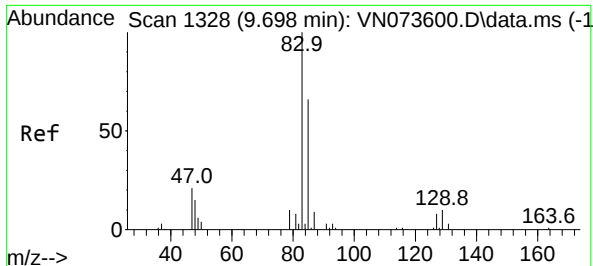
Ion Ratio Lower Upper

93 100

95 85.3 0.0 168.8

174 115.8 0.0 173.6

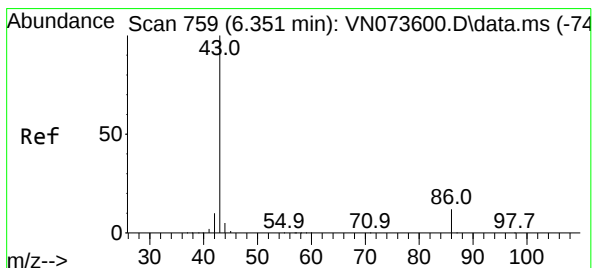
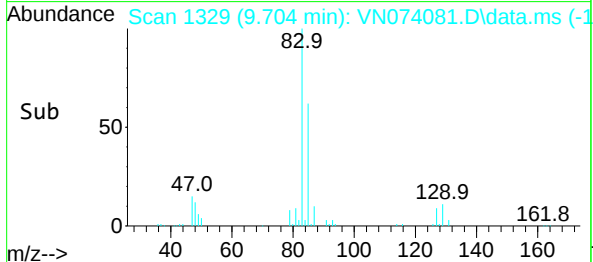
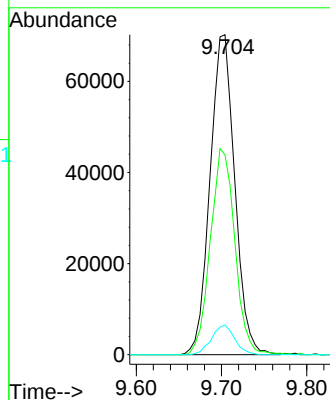
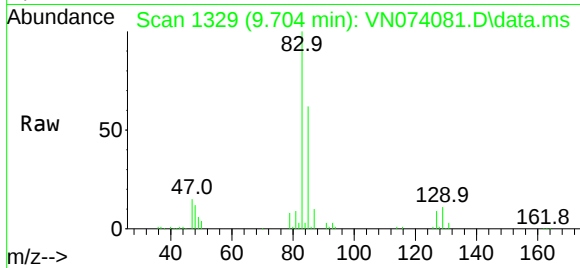




#41
Bromodichloromethane
Concen: 17.958 ug/l
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

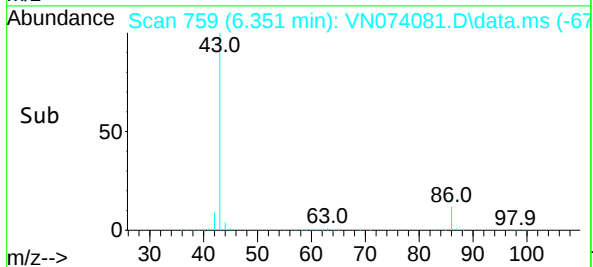
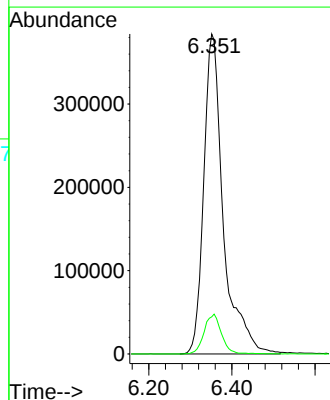
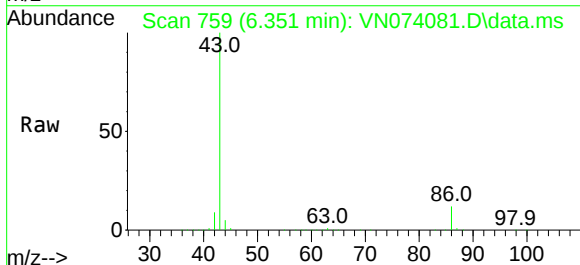
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

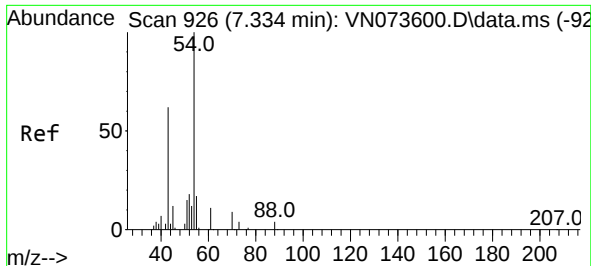
Tgt Ion: 83 Resp: 141576
Ion Ratio Lower Upper
83 100
85 62.5 54.1 81.1
127 9.3 7.6 11.4



#42
Vinyl Acetate
Concen: 86.710 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 43 Resp: 1255732
Ion Ratio Lower Upper
43 100
86 10.9 7.5 11.3

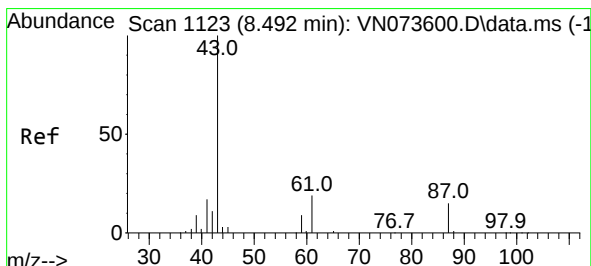
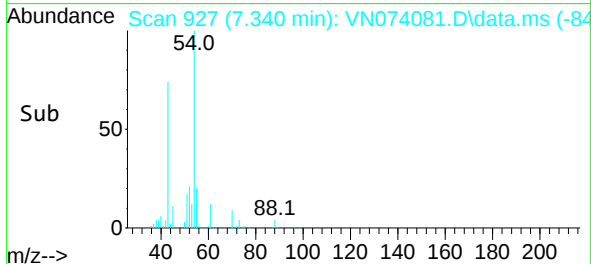
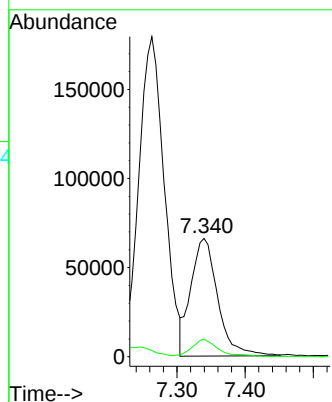
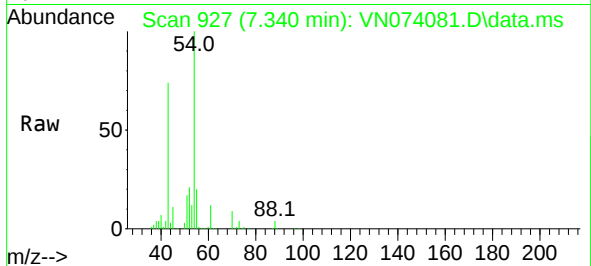




#43
Ethyl Acetate
Concen: 18.988 ug/l
RT: 7.340 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

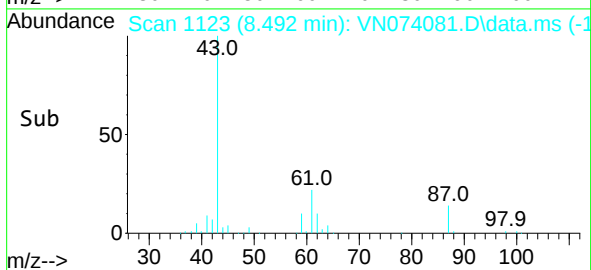
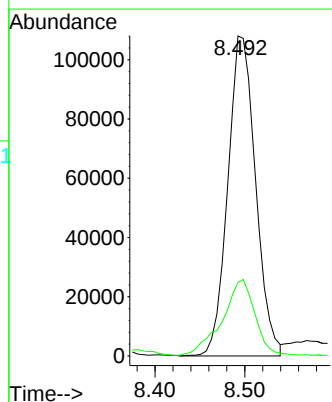
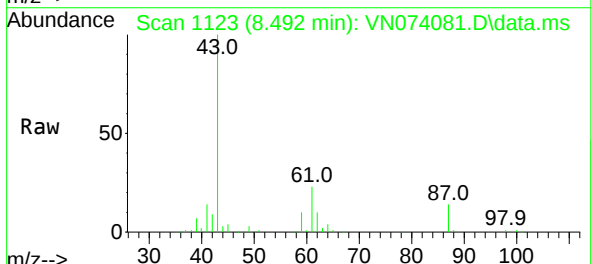
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

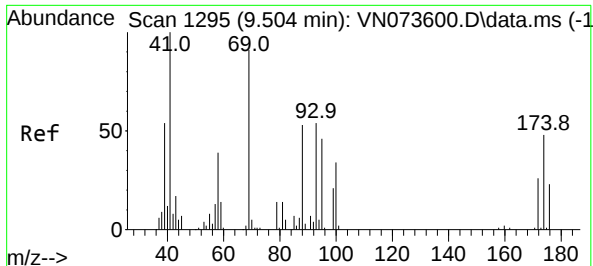
Tgt Ion: 43 Resp: 181161
Ion Ratio Lower Upper
43 100
45 11.9 10.6 16.0



#44
Isopropyl Acetate
Concen: 17.522 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 43 Resp: 232478
Ion Ratio Lower Upper
43 100
61 28.3 20.1 30.1

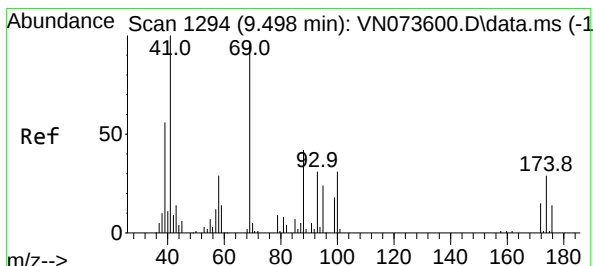
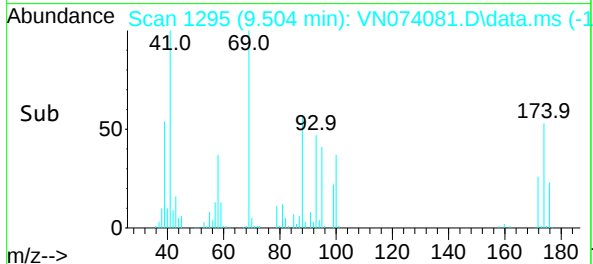
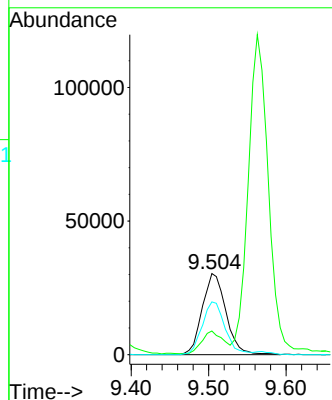
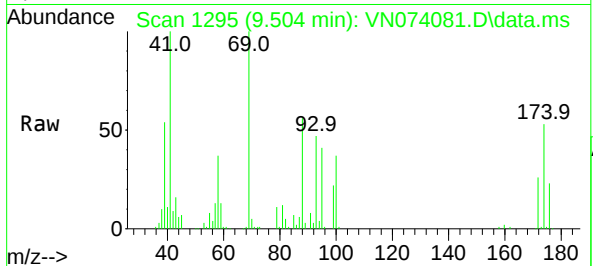




#45
1,4-Dioxane
Concen: 408.712 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

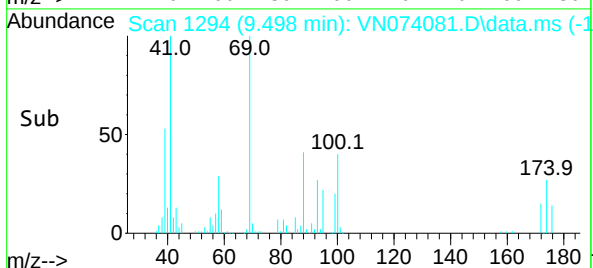
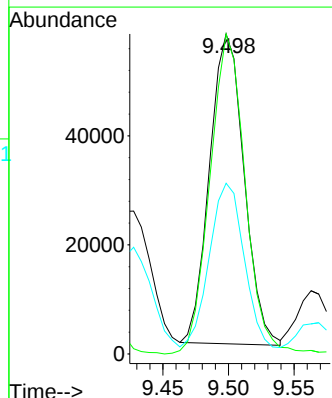
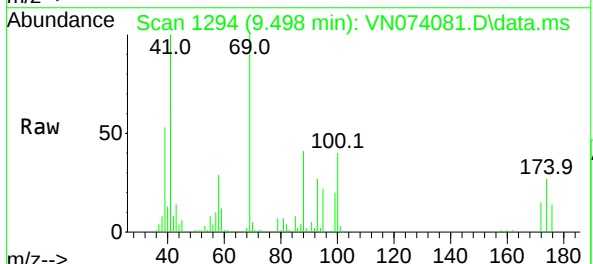
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

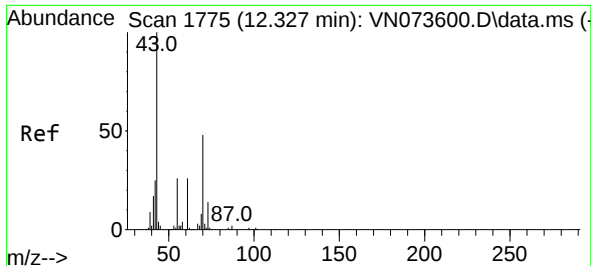
Tgt Ion: 88 Resp: 64660
Ion Ratio Lower Upper
88 100
43 24.8 25.0 37.6#
58 62.7 49.4 74.2



#46
Methyl methacrylate
Concen: 17.514 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 41 Resp: 103919
Ion Ratio Lower Upper
41 100
69 102.6 44.4 133.2
39 53.3 39.9 119.6

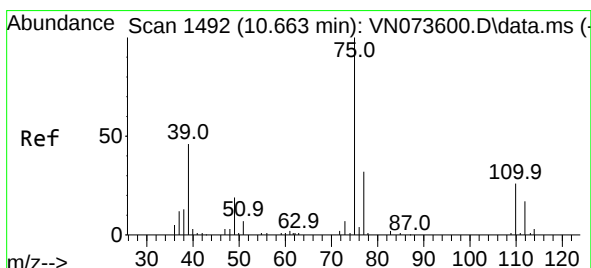
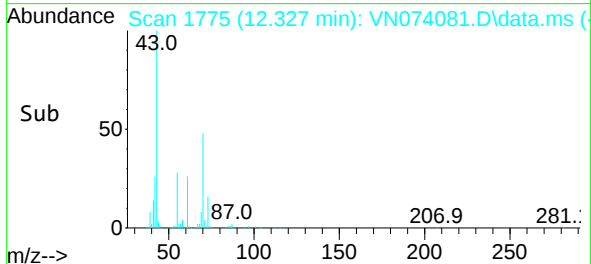
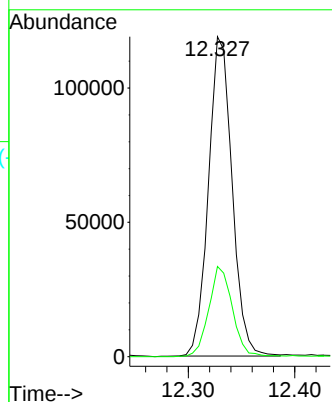
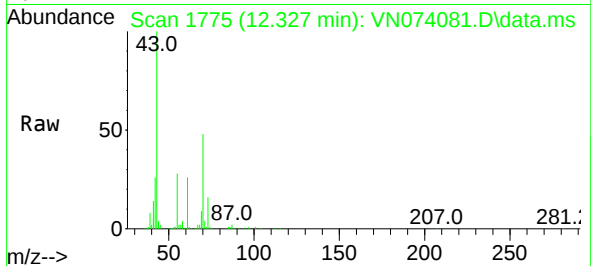




#47
n-amy1 Acetate
Concen: 17.344 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

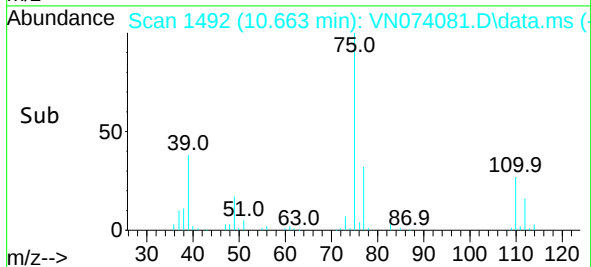
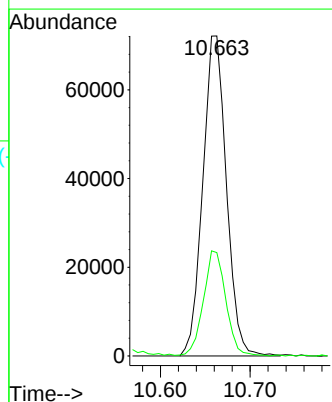
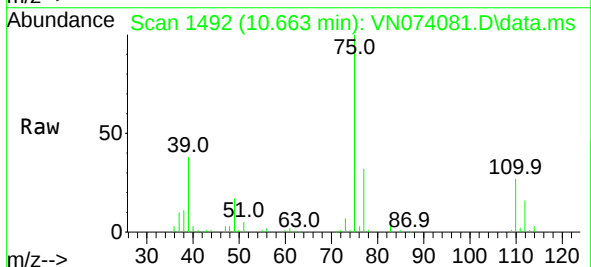
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

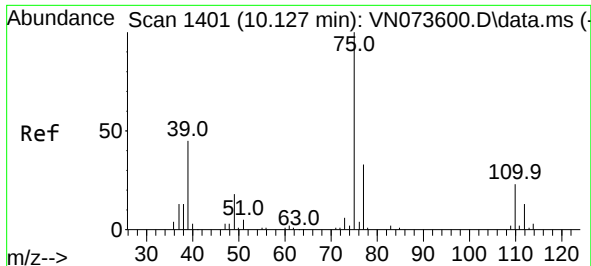
Tgt Ion: 43 Resp: 183457
Ion Ratio Lower Upper
43 100
55 28.1 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 16.271 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 75 Resp: 132059
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

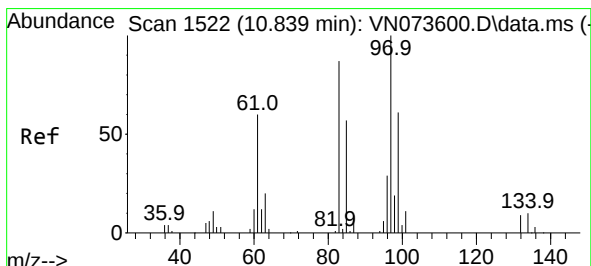
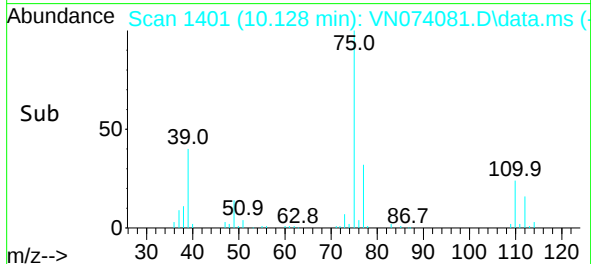
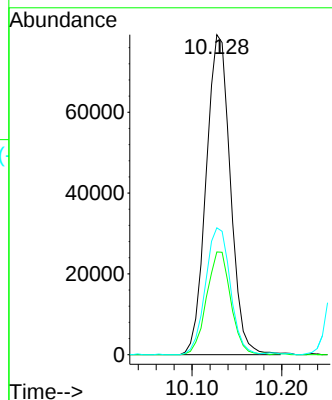
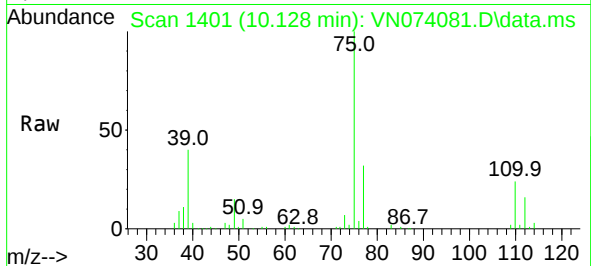




#49
 cis-1,3-Dichloropropene
 Concen: 16.492 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

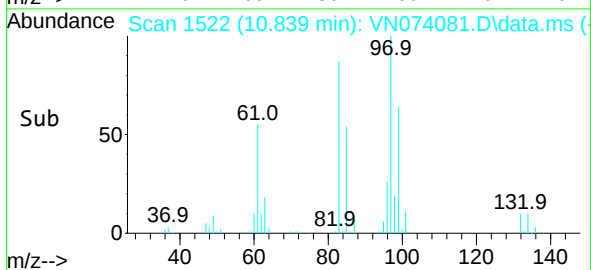
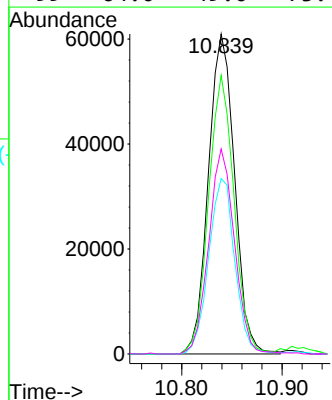
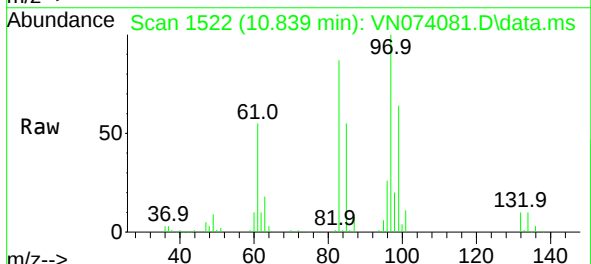
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

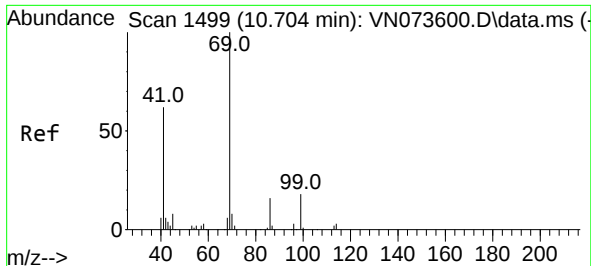
Tgt Ion: 75 Resp: 148622
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 39.6 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 18.304 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN074081.D
 Acq: 23 Aug 2022 20:32

Tgt Ion: 97 Resp: 110595
 Ion Ratio Lower Upper
 97 100
 83 87.0 67.2 100.8
 85 54.8 43.0 64.4
 99 64.0 49.0 73.4

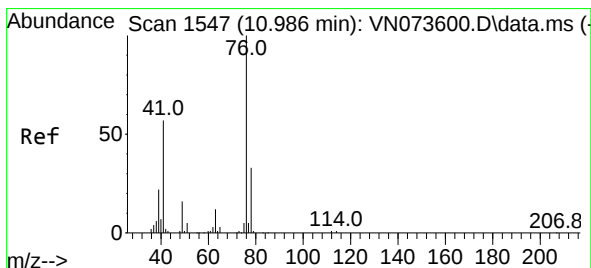
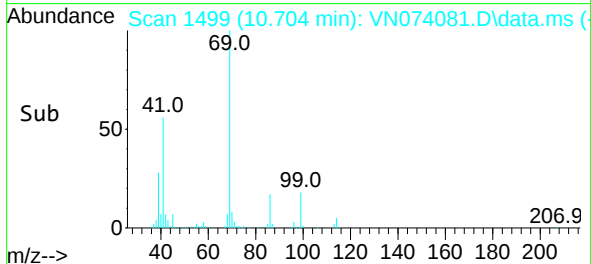
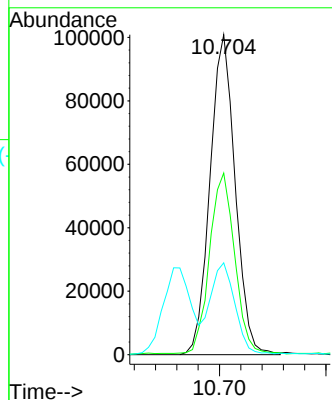
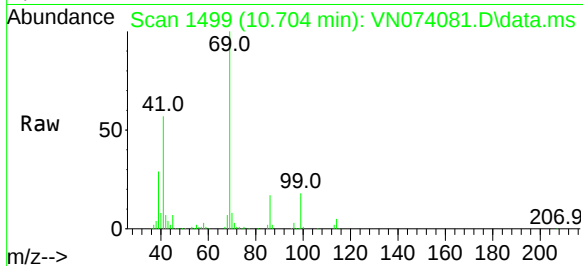




#51
Ethyl methacrylate
Concen: 18.204 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

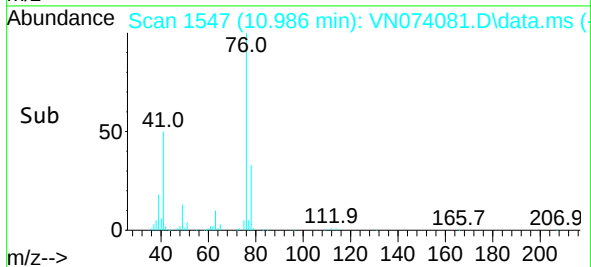
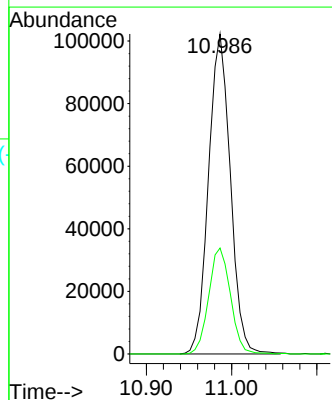
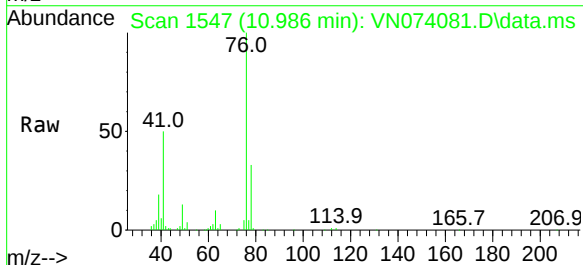
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

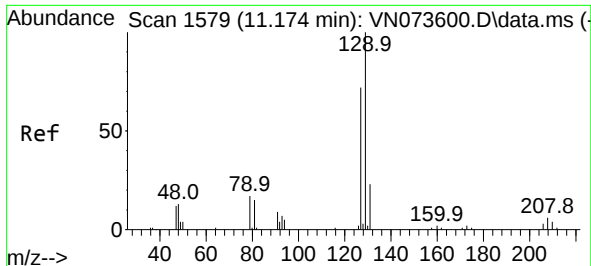
Tgt Ion: 69 Resp: 165359
Ion Ratio Lower Upper
69 100
41 56.2 33.0 98.9
39 28.3 25.4 76.4



#52
1,3-Dichloropropane
Concen: 17.859 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 76 Resp: 181883
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.4

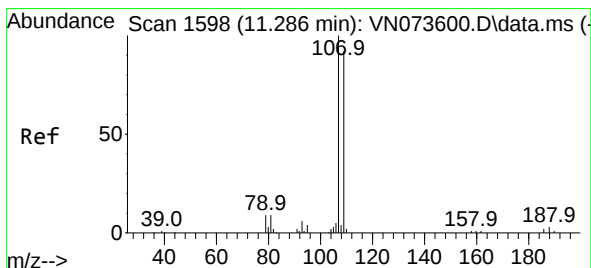
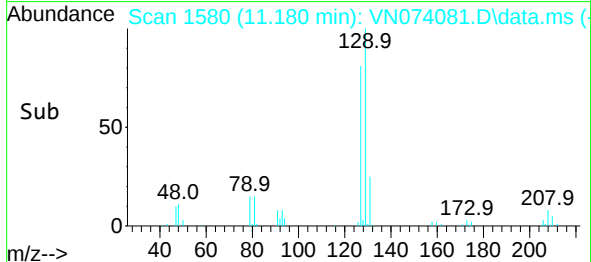
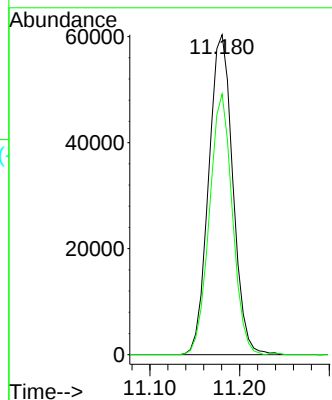
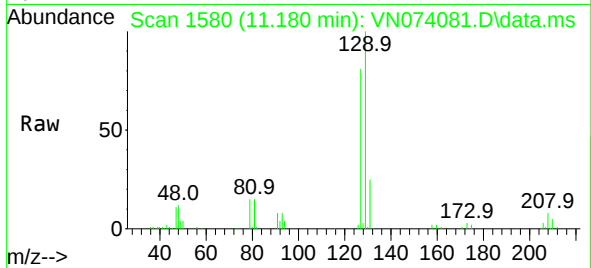




#53
Dibromochloromethane
Concen: 18.432 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

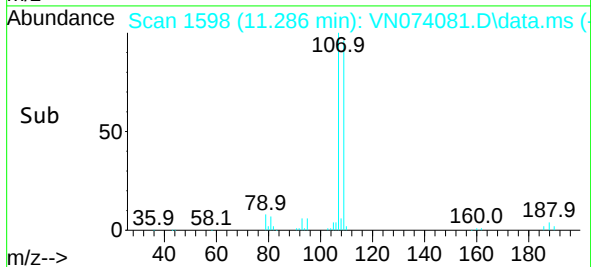
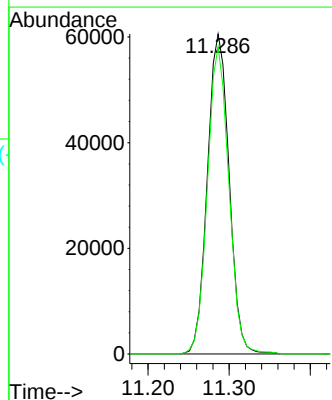
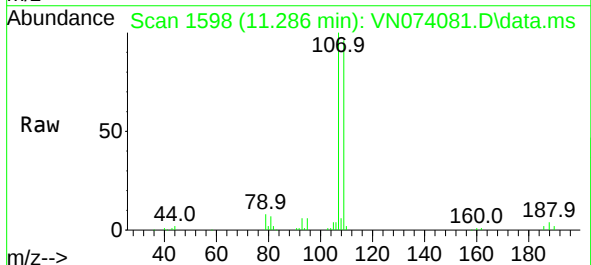
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

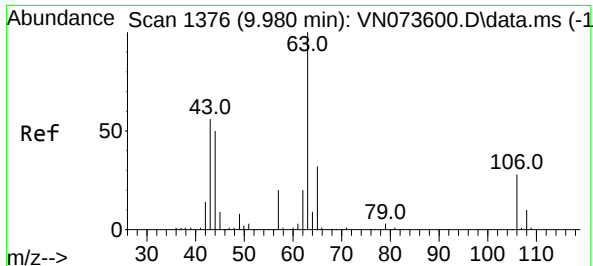
Tgt Ion:129 Resp: 112864
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 18.308 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:107 Resp: 112728
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 107.375 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

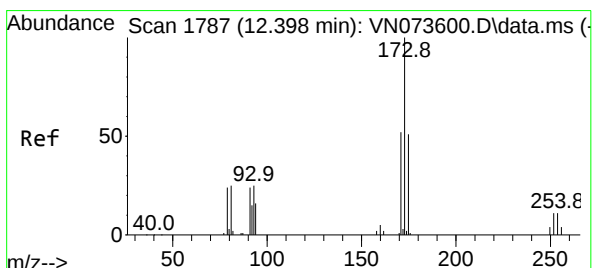
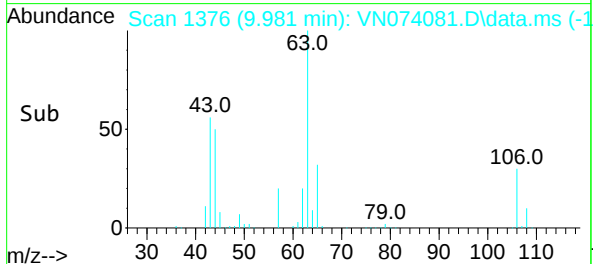
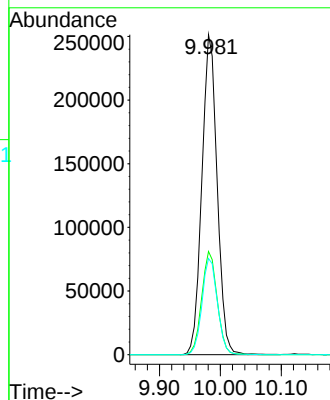
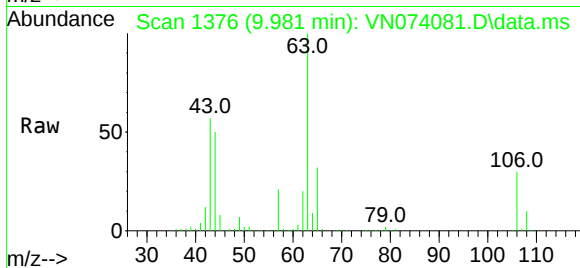
Tgt Ion: 63 Resp: 437465

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.0

106 30.2 23.2 34.8



#56

Bromoform

Concen: 18.870 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

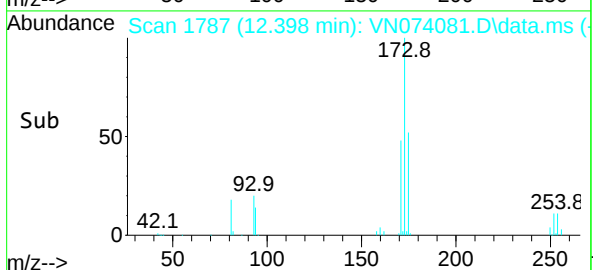
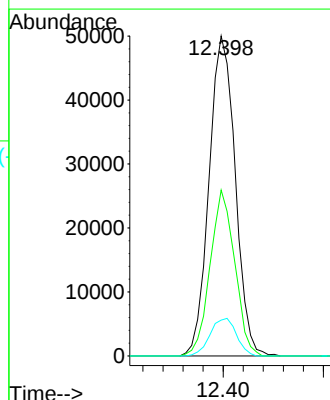
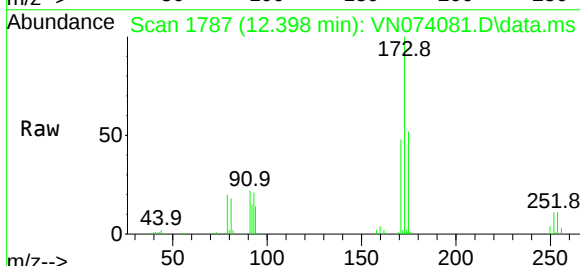
Tgt Ion: 173 Resp: 90802

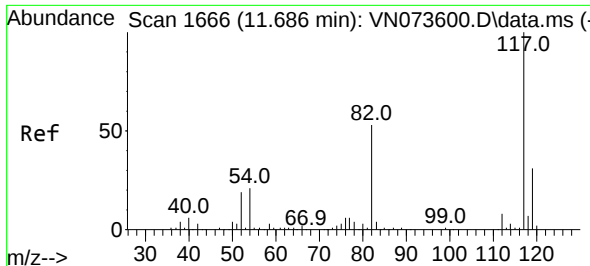
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

254 11.8 0.0 0.0#

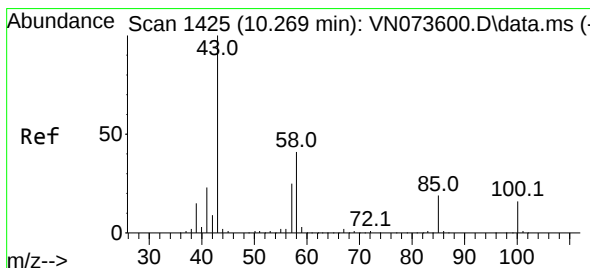
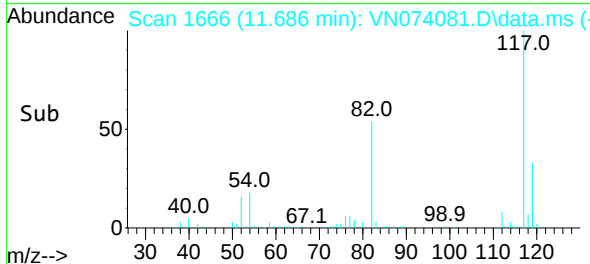
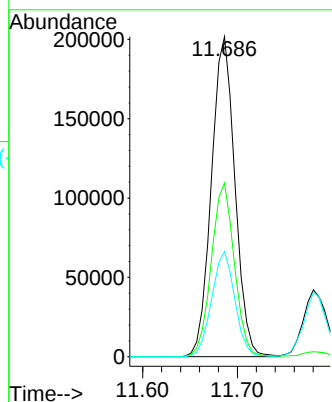
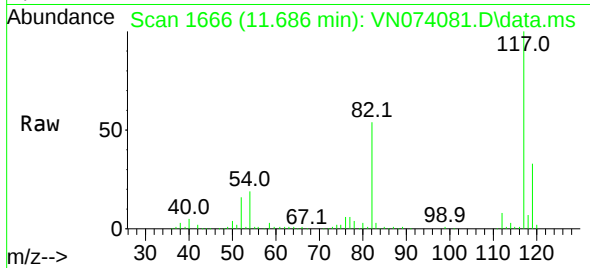




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

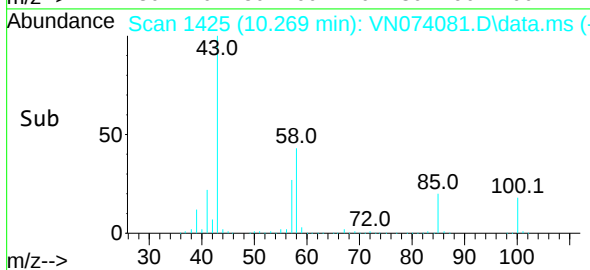
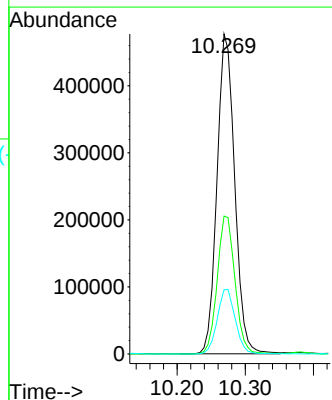
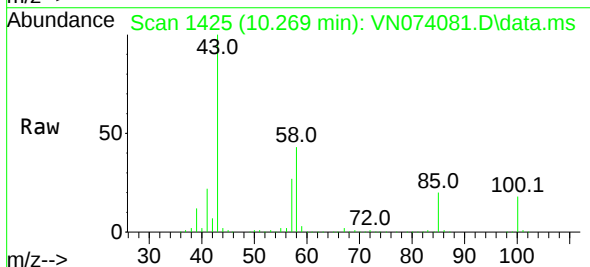
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

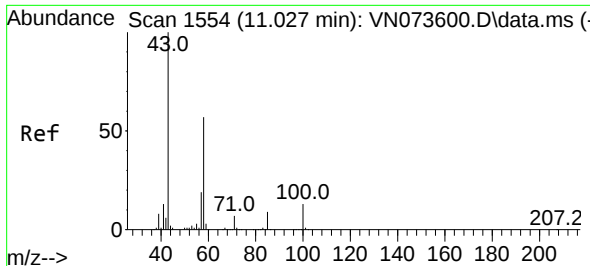
Tgt Ion:117 Resp: 348564
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 95.737 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 43 Resp: 862867
Ion Ratio Lower Upper
43 100
58 43.3 30.0 45.0
85 20.5 15.0 22.6

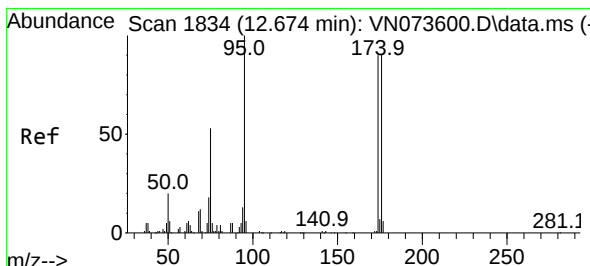
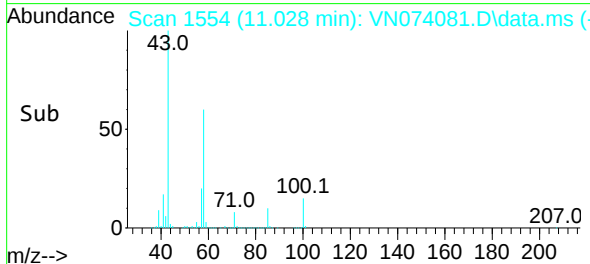
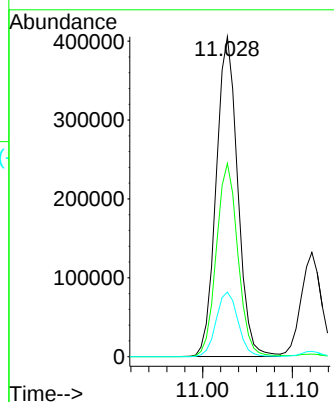
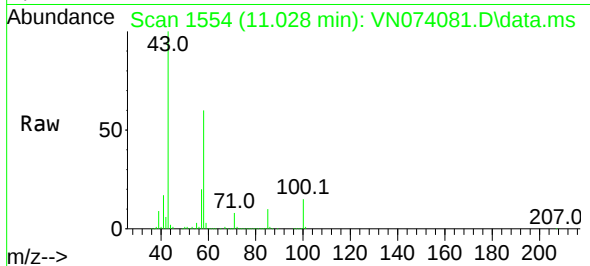




#59
2-Hexanone
Concen: 97.415 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

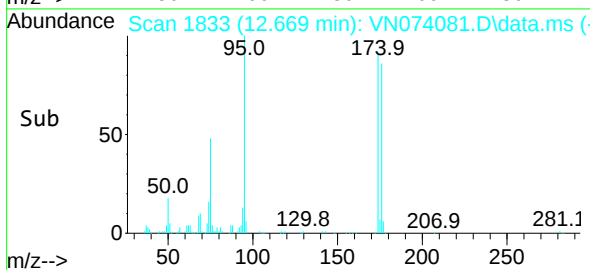
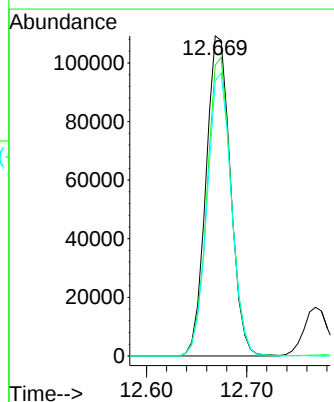
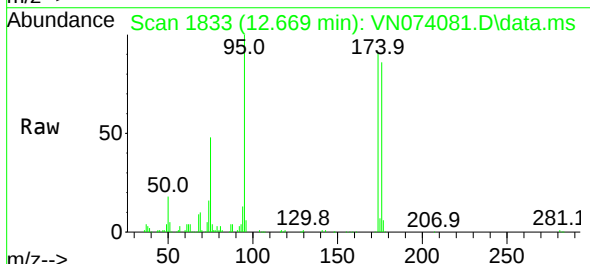
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

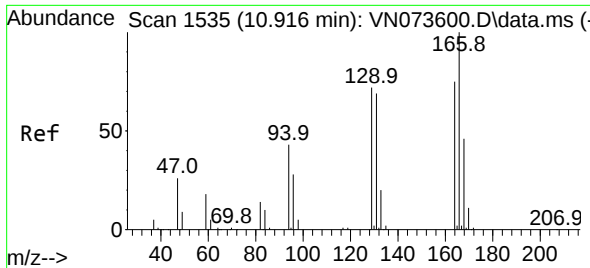
Tgt Ion: 43 Resp: 676259
Ion Ratio Lower Upper
43 100
58 60.2 42.2 63.2
57 20.6 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.016 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

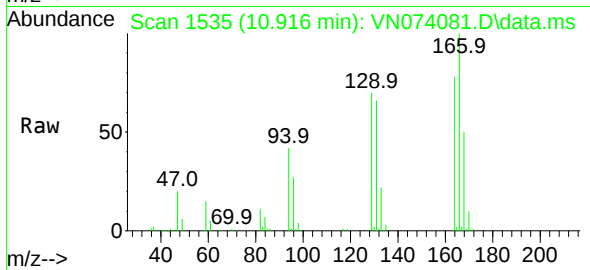
Tgt Ion: 95 Resp: 185257
Ion Ratio Lower Upper
95 100
174 92.0 62.9 94.3
176 87.9 61.0 91.4



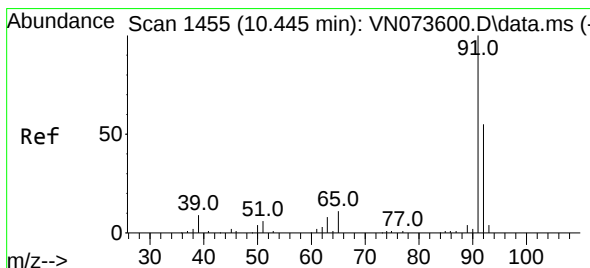
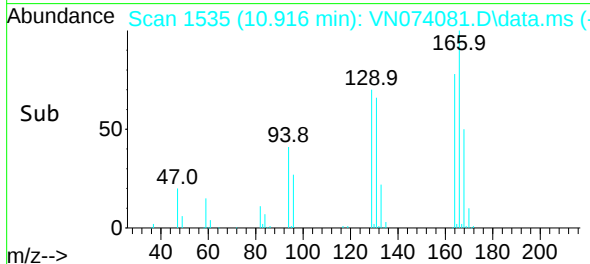
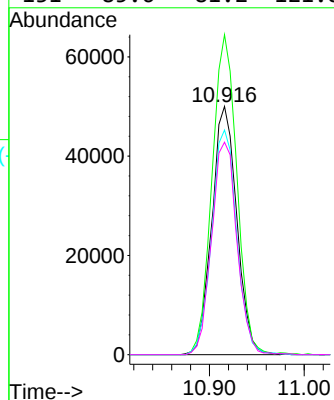


#61
Tetrachloroethene
Concen: 17.127 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

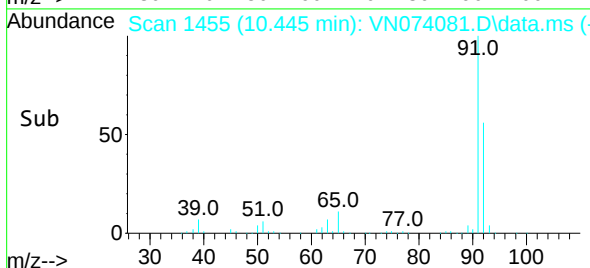
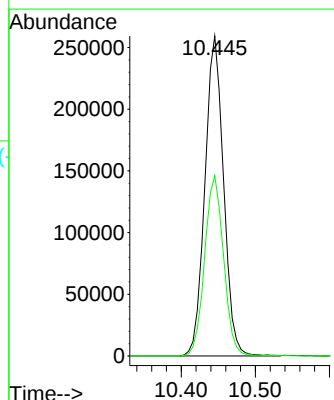
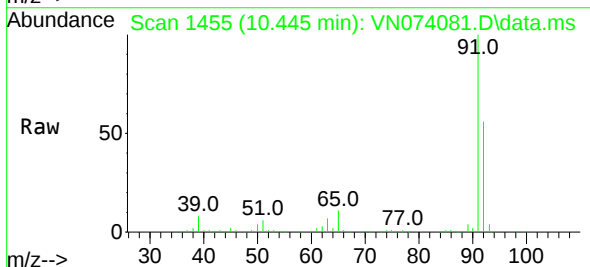


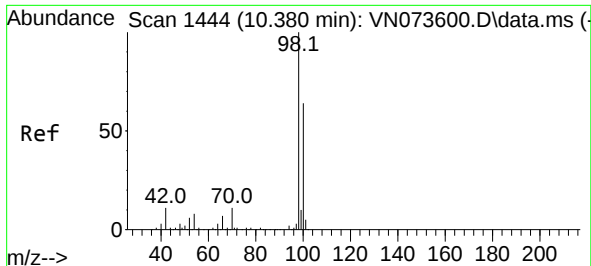
Tgt Ion:164 Resp: 91446
Ion Ratio Lower Upper
164 100
166 128.9 105.8 158.8
129 90.5 82.5 123.7
131 85.6 81.2 121.8



#62
Toluene
Concen: 18.754 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 91 Resp: 454598
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0

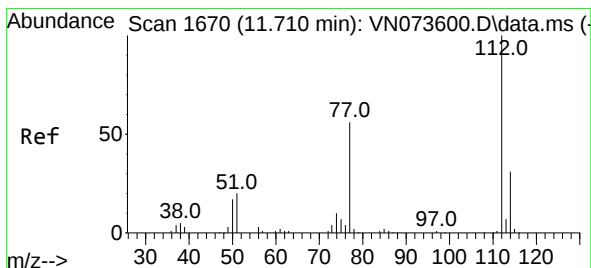
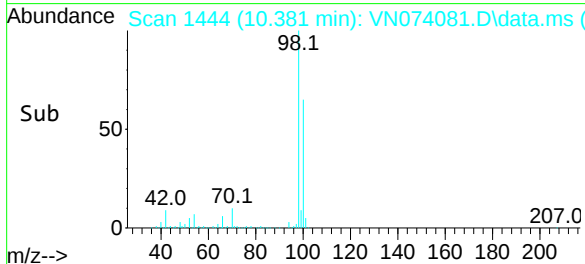
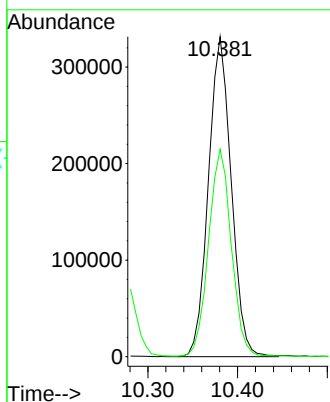
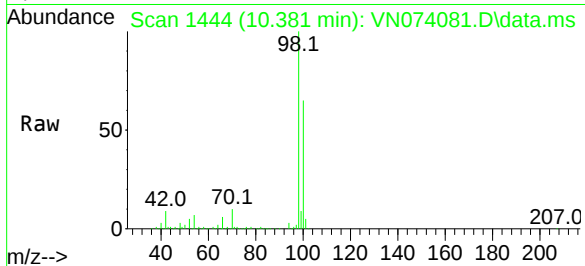




#63
Toluene-d8
Concen: 29.812 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

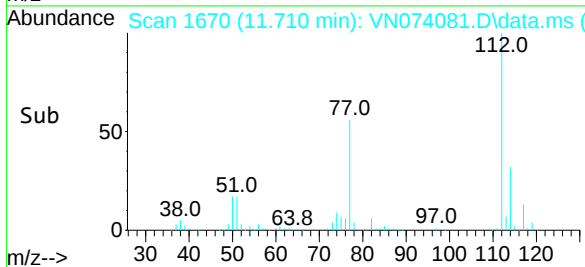
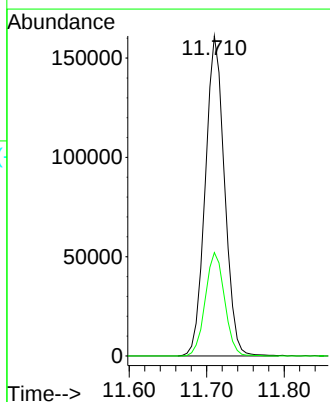
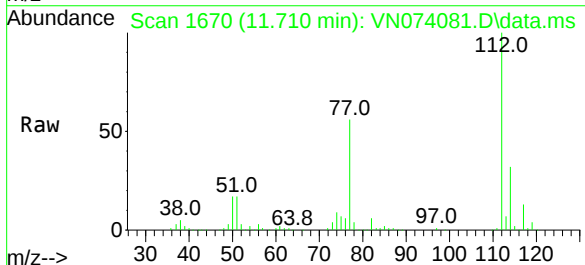
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

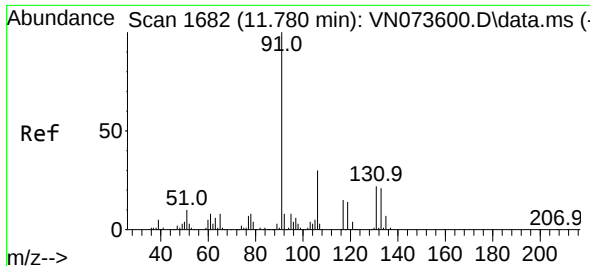
Tgt Ion: 98 Resp: 585121
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0



#64
Chlorobenzene
Concen: 19.165 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 112 Resp: 277563
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

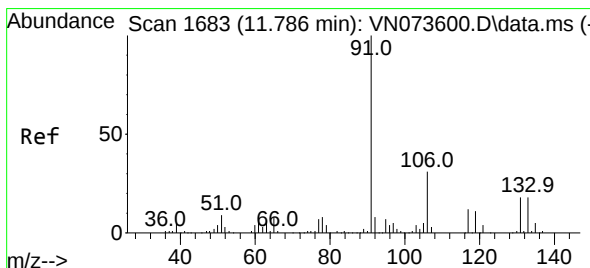
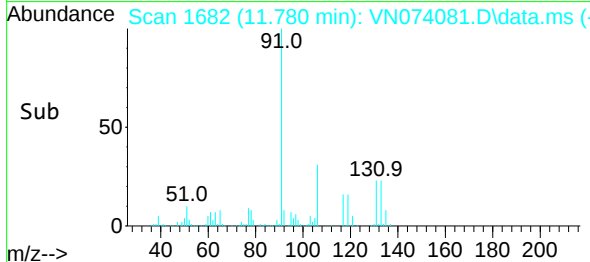
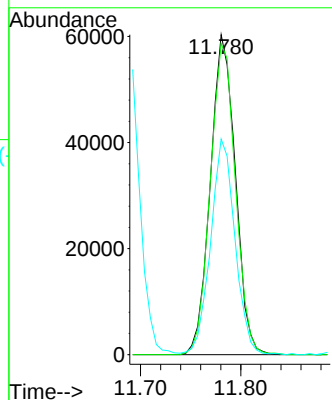
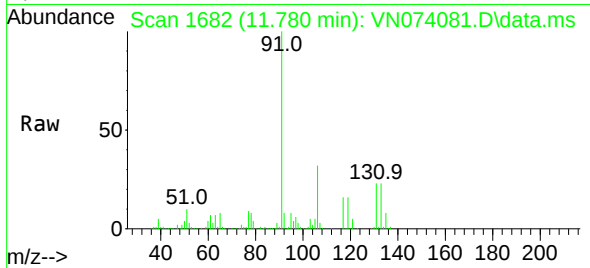




#65
1,1,1,2-Tetrachloroethane
Concen: 19.377 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

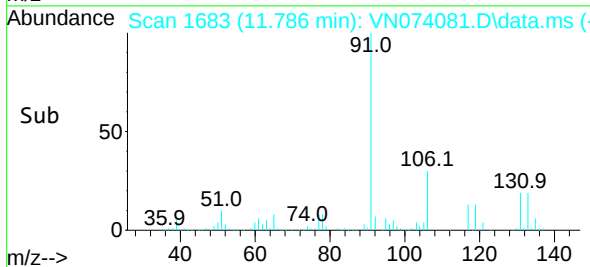
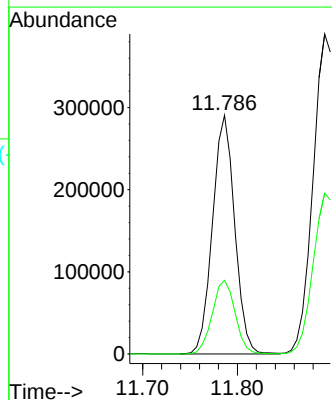
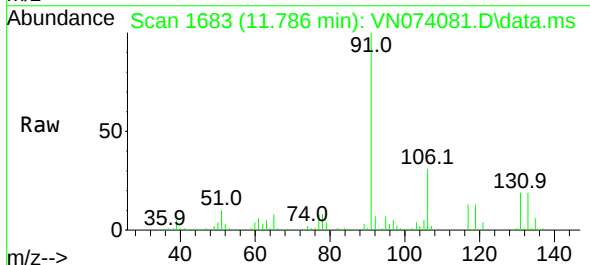
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

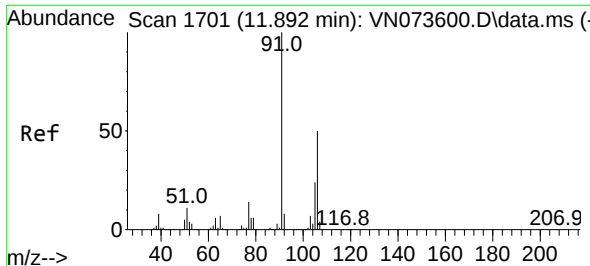
Tgt Ion:131 Resp: 104167
Ion Ratio Lower Upper
131 100
133 98.1 0.0 191.2
119 65.2 0.0 128.8



#66
Ethyl Benzene
Concen: 18.222 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 91 Resp: 472195
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

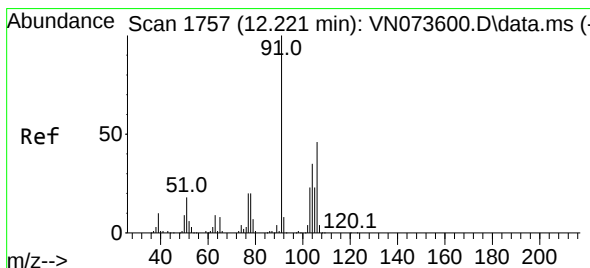
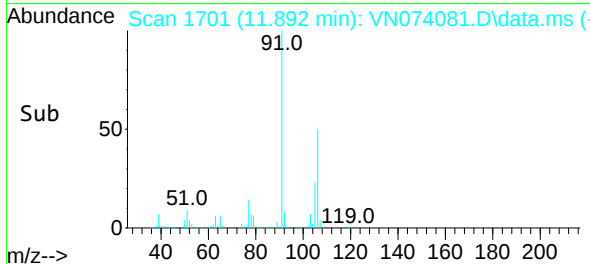
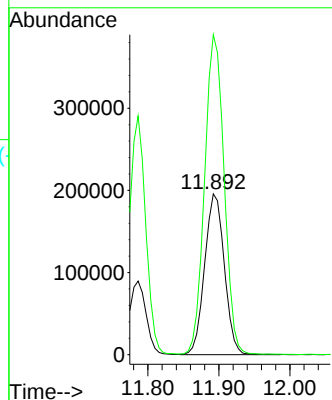
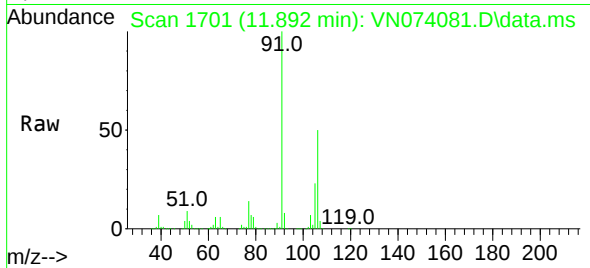




#67
m/p-Xylenes
Concen: 38.151 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

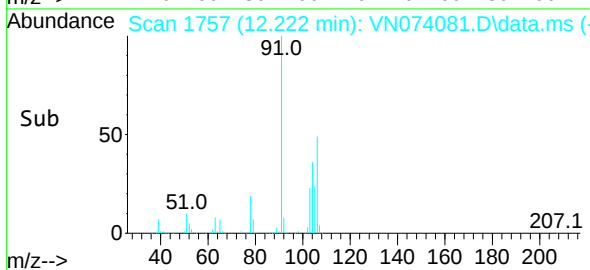
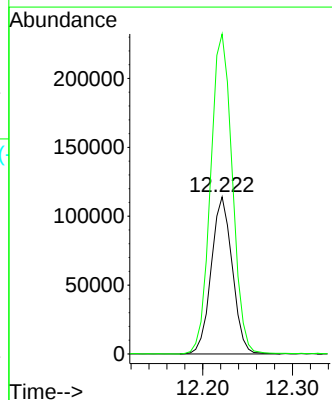
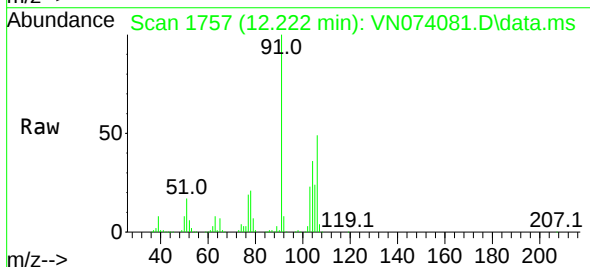
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

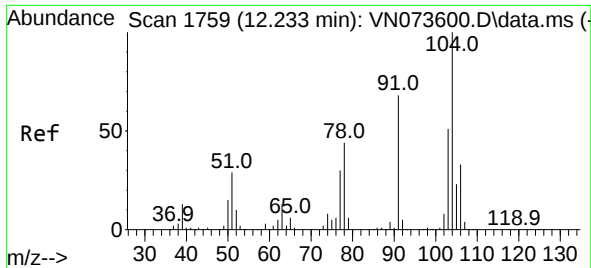
Tgt Ion:106 Resp: 377872
Ion Ratio Lower Upper
106 100
91 196.3 162.9 244.3



#68
o-Xylene
Concen: 18.859 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:106 Resp: 185529
Ion Ratio Lower Upper
106 100
91 210.5 107.7 323.1

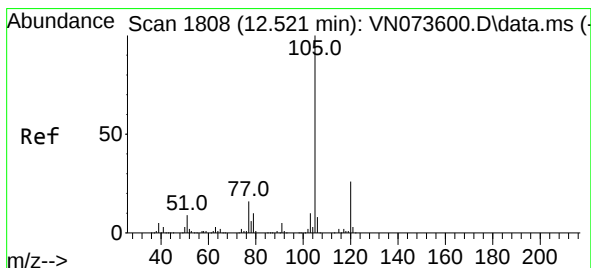
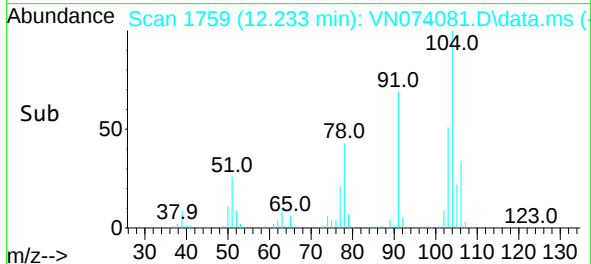
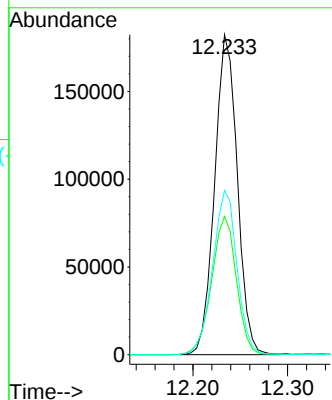
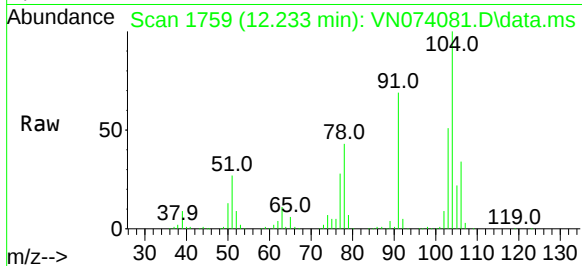




#69
Styrene
Concen: 18.716 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

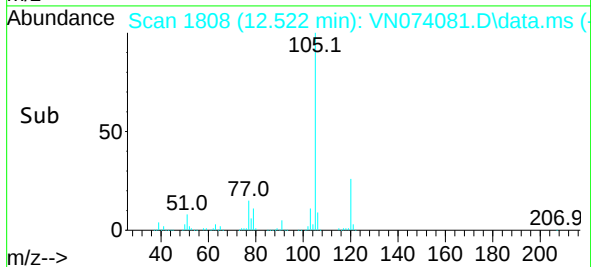
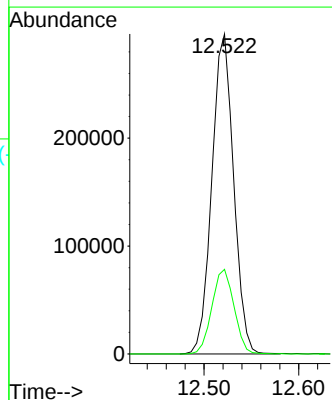
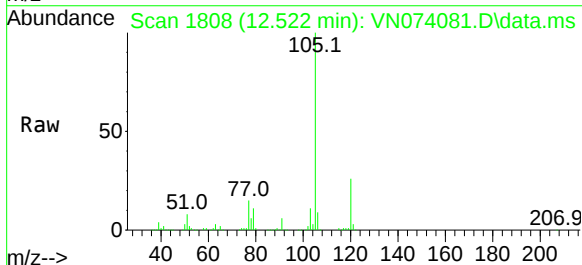
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

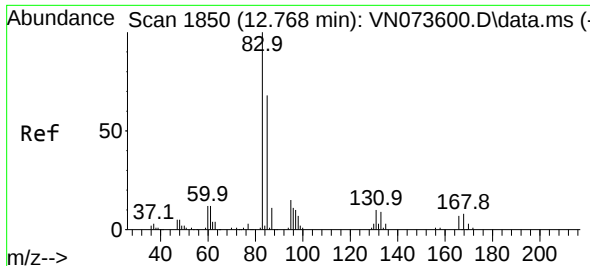
Tgt Ion:104 Resp: 303479
Ion Ratio Lower Upper
104 100
78 47.2 40.7 61.1
103 55.1 45.8 68.8



#70
Isopropylbenzene
Concen: 18.819 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:105 Resp: 473323
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1

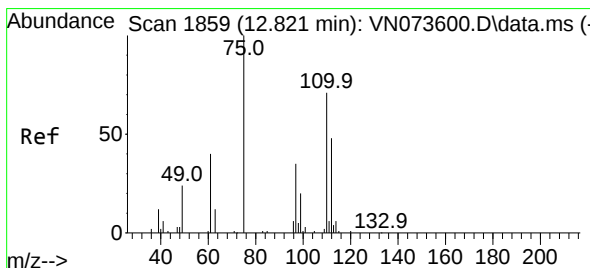
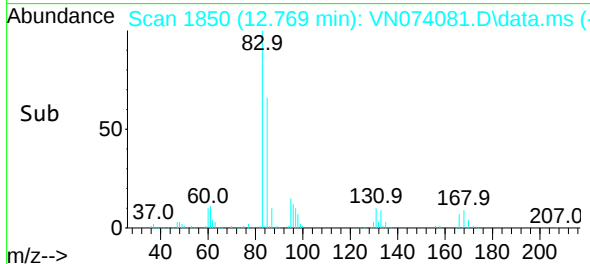
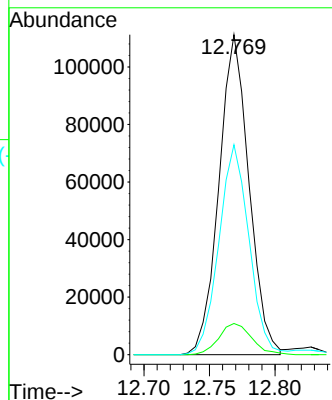
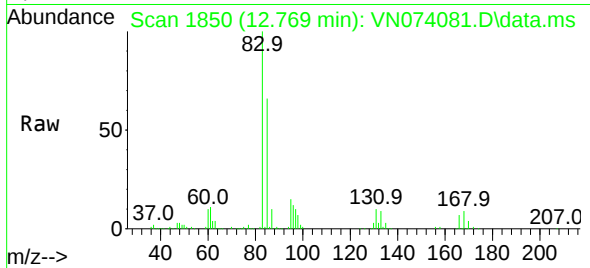




#71
1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

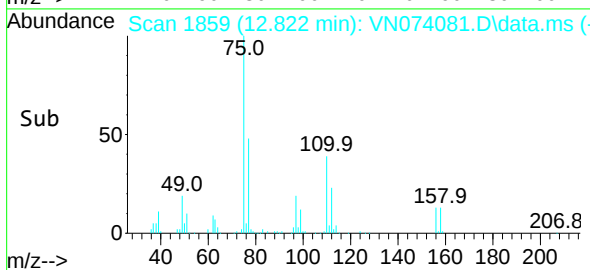
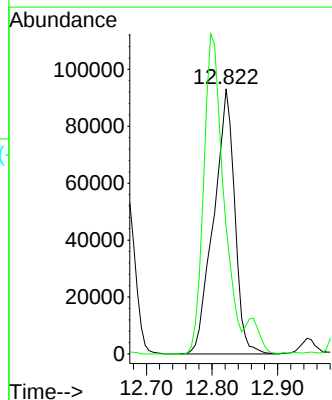
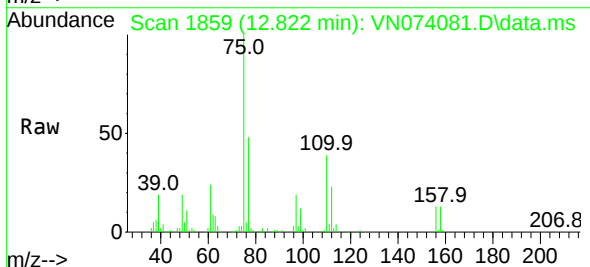
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

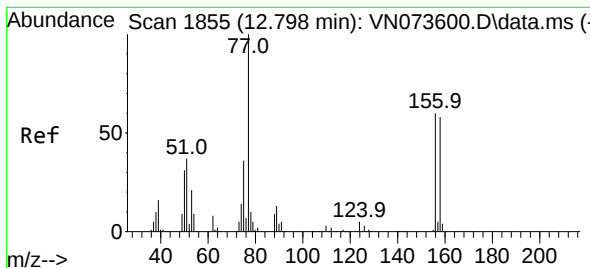
Tgt Ion: 83 Resp: 176760
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 66.0 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 28.054 ug/l
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 75 Resp: 207207
Ion Ratio Lower Upper
75 100
77 114.7 0.0 378.0





#73

Bromobenzene

Concen: 19.702 ug/l

RT: 12.804 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

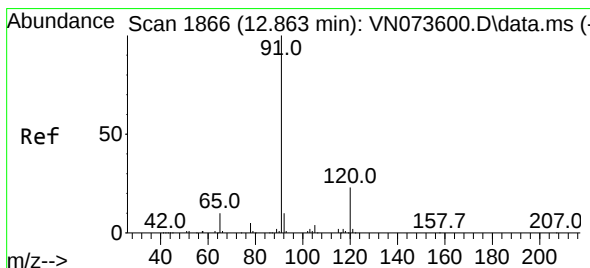
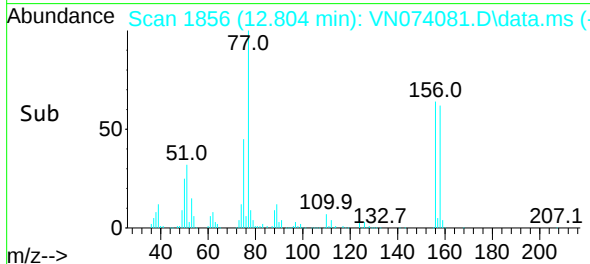
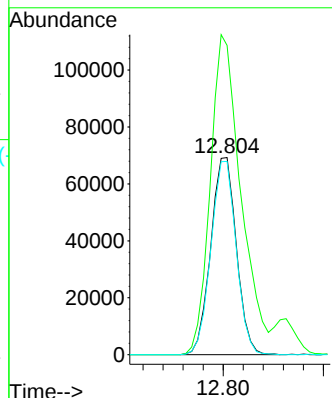
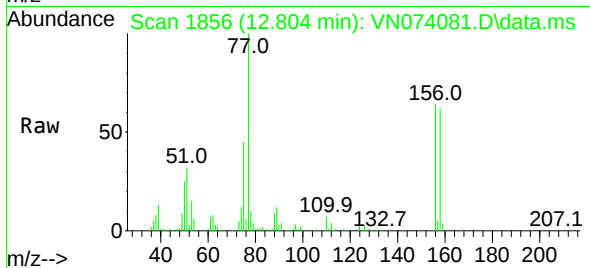
Tgt Ion:156 Resp: 123091

Ion Ratio Lower Upper

156 100

77 193.0 0.0 416.0

158 96.8 0.0 195.4



#74

n-propylbenzene

Concen: 17.841 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN074081.D

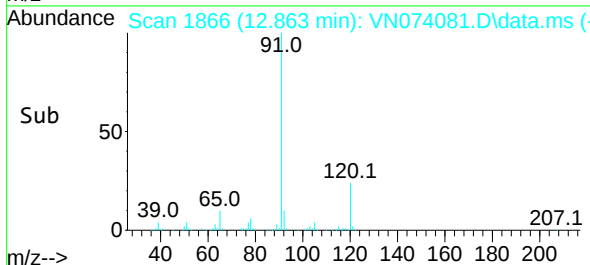
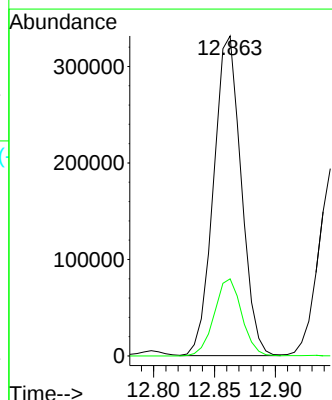
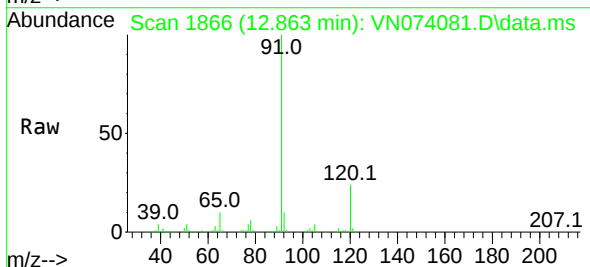
Acq: 23 Aug 2022 20:32

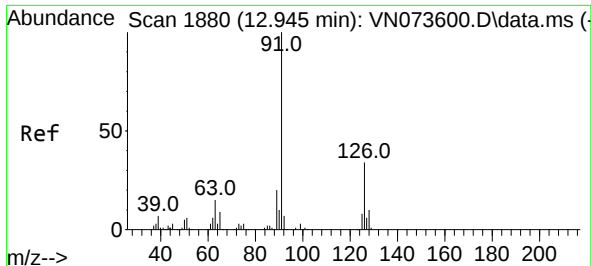
Tgt Ion: 91 Resp: 522228

Ion Ratio Lower Upper

91 100

120 24.0 0.0 45.0

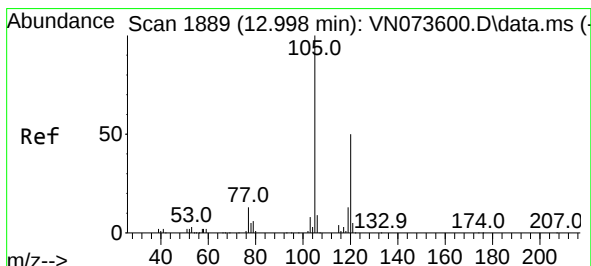
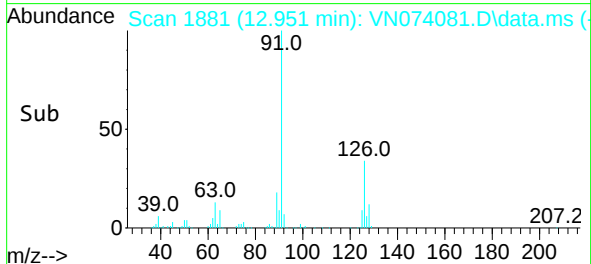
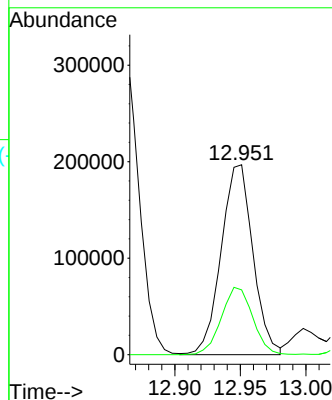
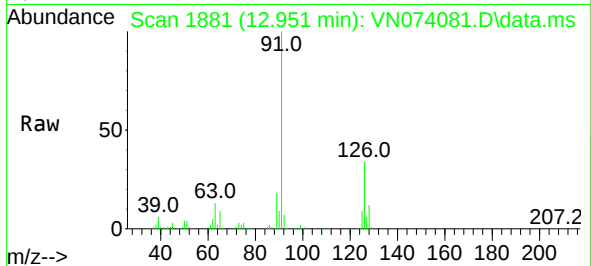




#75
2-Chlorotoluene
Concen: 18.932 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

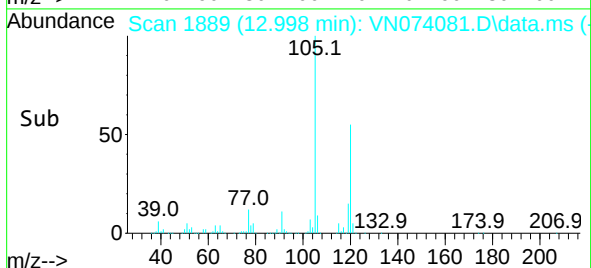
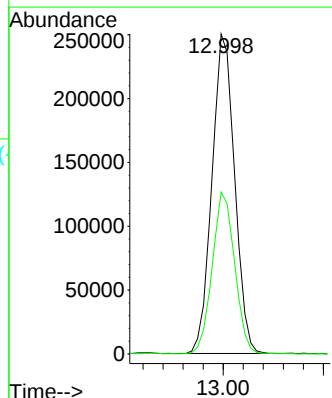
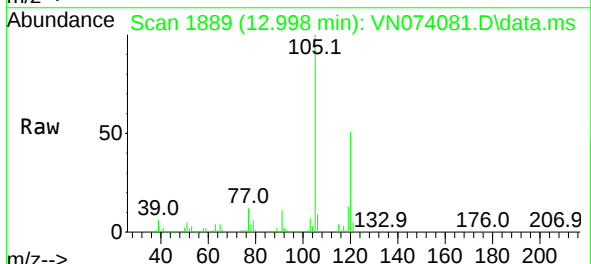
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

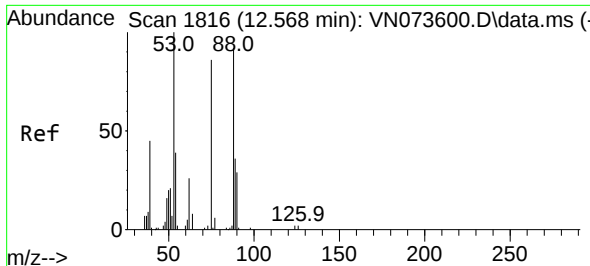
Tgt Ion: 91 Resp: 332182
Ion Ratio Lower Upper
91 100
126 35.0 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 18.622 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 105 Resp: 392312
Ion Ratio Lower Upper
105 100
120 50.2 0.0 93.8

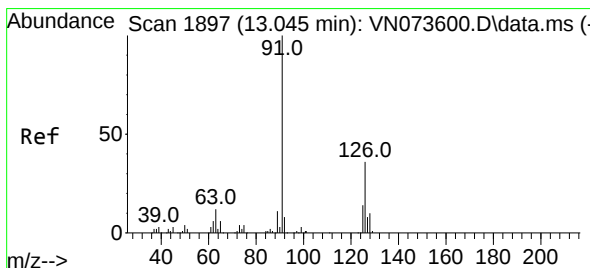
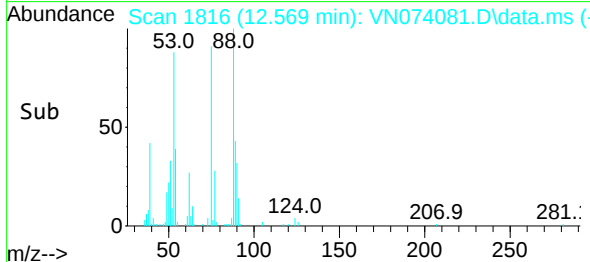
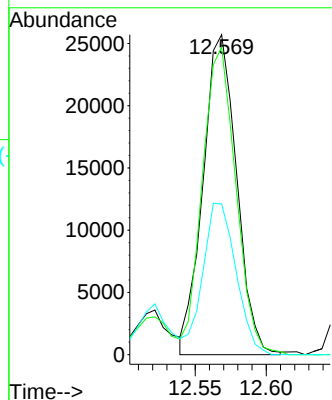
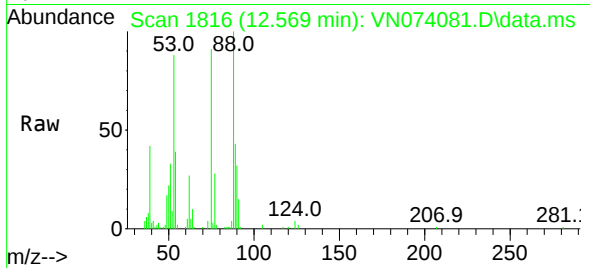




#77
t-1,4-Dichloro-2-butene
Concen: 15.716 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

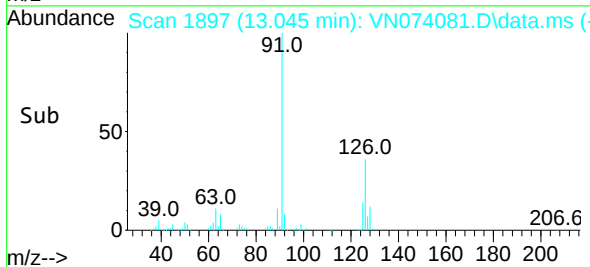
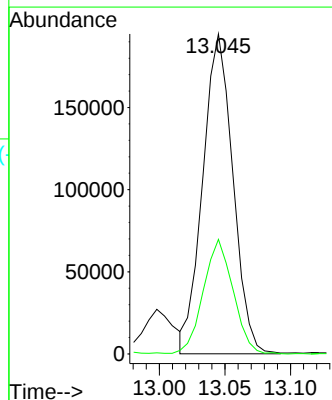
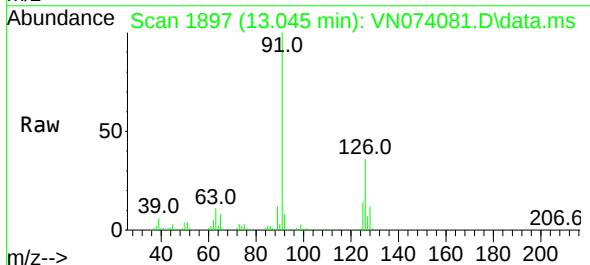
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

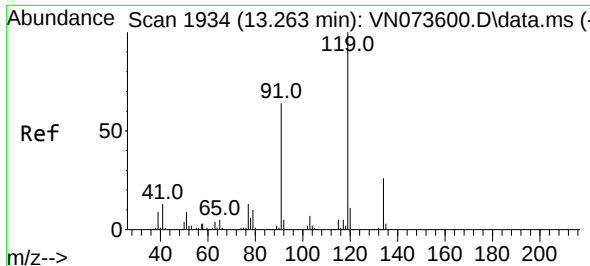
Tgt Ion: 75 Resp: 42303
Ion Ratio Lower Upper
75 100
53 95.9 51.8 155.5
89 47.5 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.487 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 91 Resp: 311602
Ion Ratio Lower Upper
91 100
126 35.4 0.0 70.6

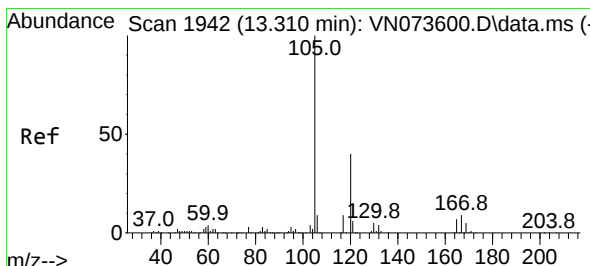
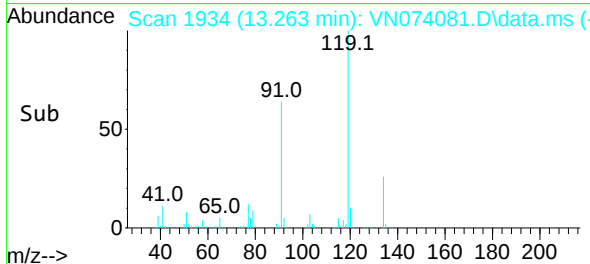
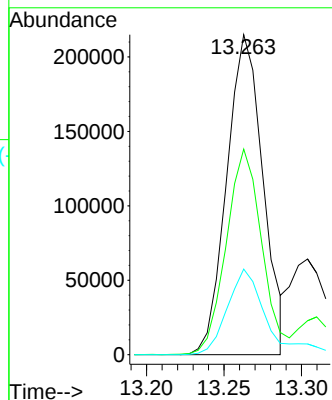
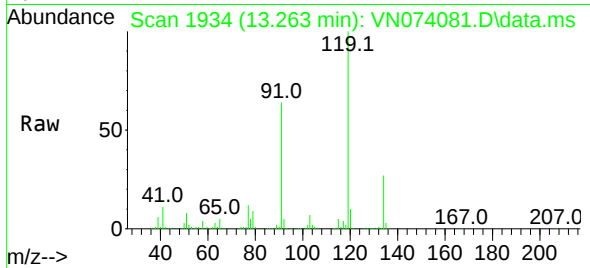




#79
tert-butylbenzene
Concen: 19.220 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

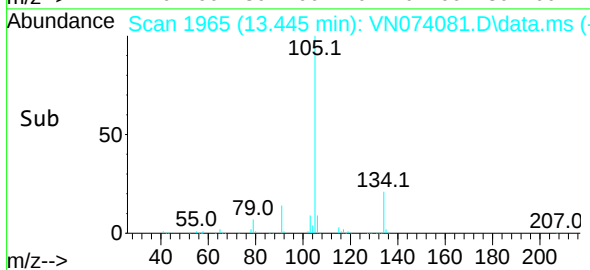
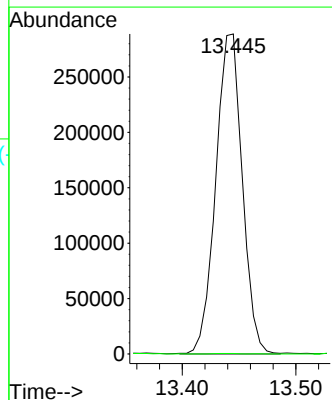
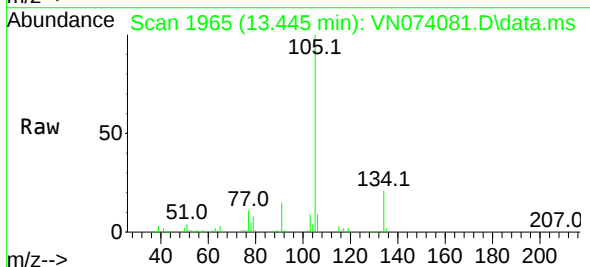
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

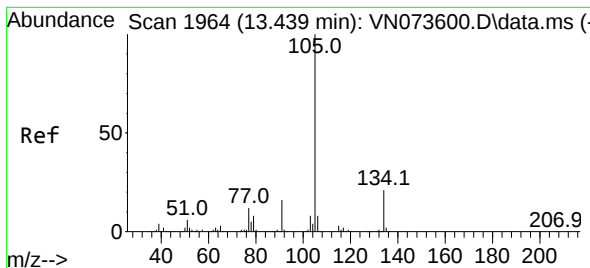
Tgt Ion:119 Resp: 350067
Ion Ratio Lower Upper
119 100
91 63.2 0.0 137.0
134 26.1 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 22.435 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.135 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:105 Resp: 468151
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81

sec-Butylbenzene

Concen: 17.887 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

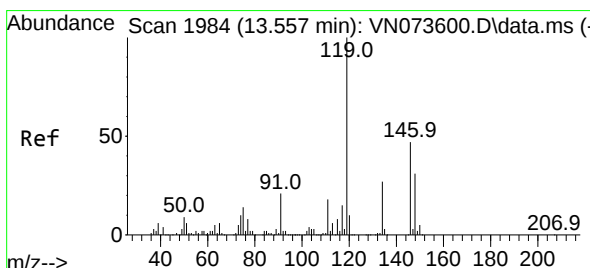
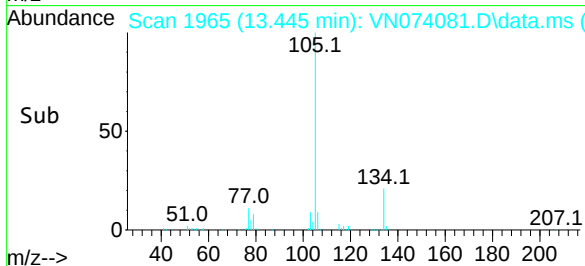
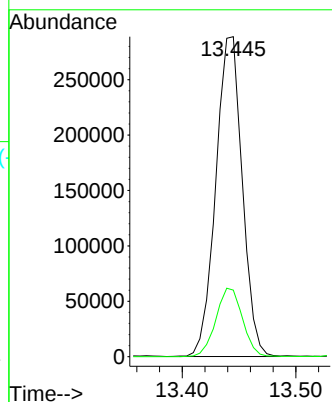
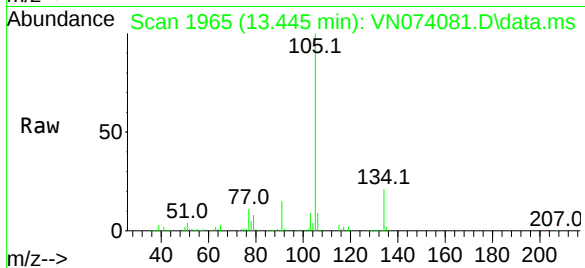
VSTDC0020EC

Tgt Ion:105 Resp: 467775

Ion Ratio Lower Upper

105 100

134 21.6 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.104 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

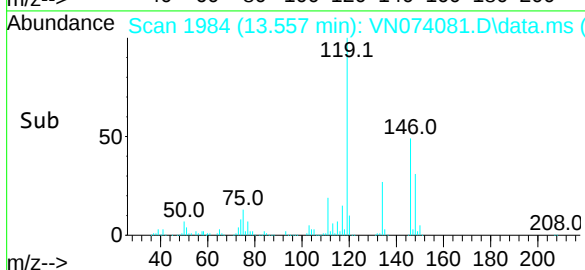
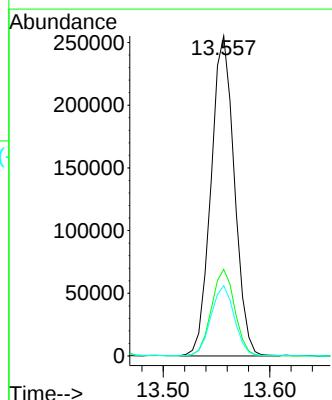
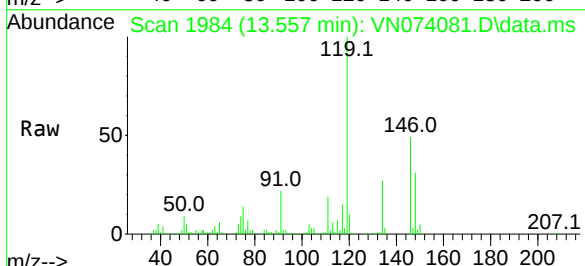
Tgt Ion:119 Resp: 388717

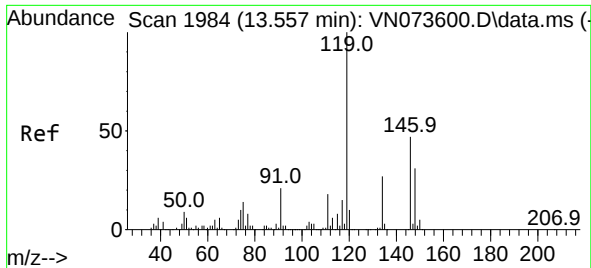
Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.8

91 21.8 0.0 50.4

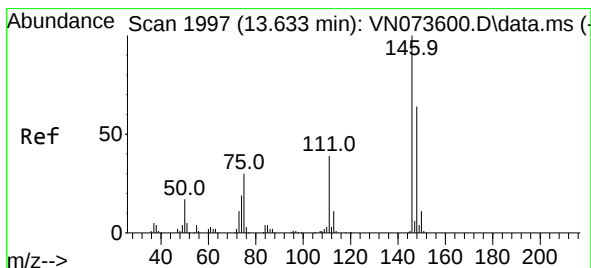
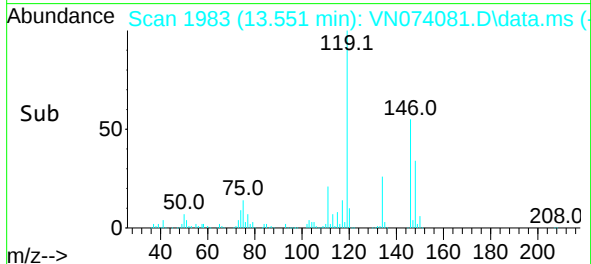
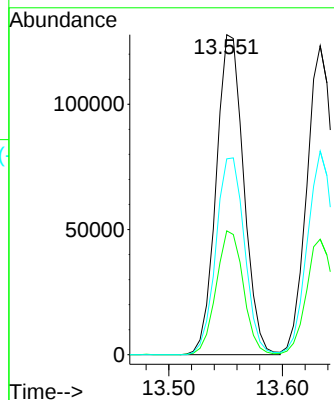
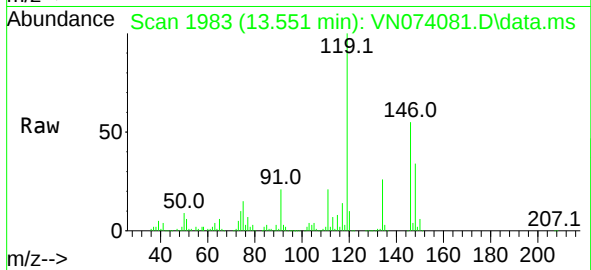




#83
1,3-Dichlorobenzene
Concen: 18.824 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

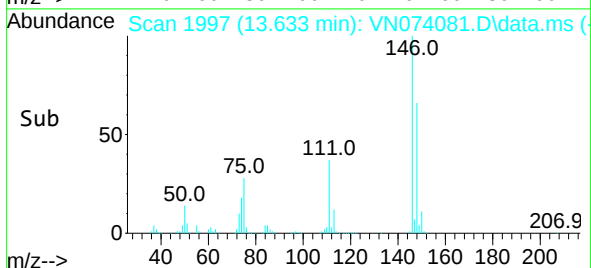
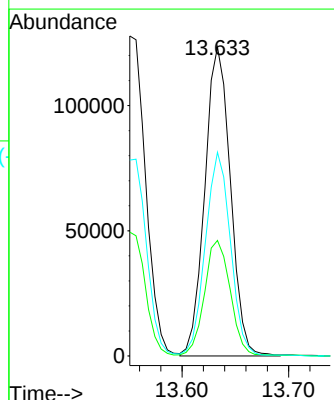
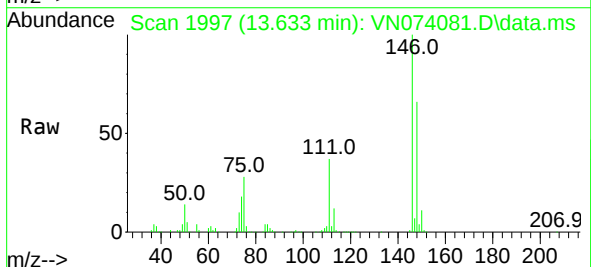
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

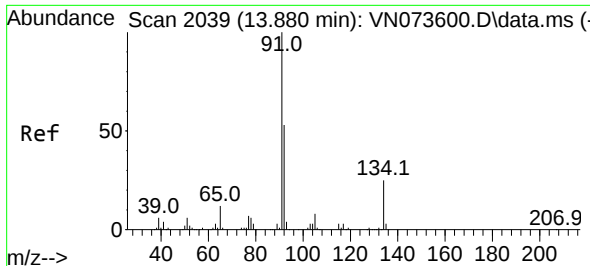
Tgt Ion:146 Resp: 215279
Ion Ratio Lower Upper
146 100
111 38.3 20.8 62.2
148 63.9 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 18.719 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:146 Resp: 206507
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 63.9 31.1 93.5

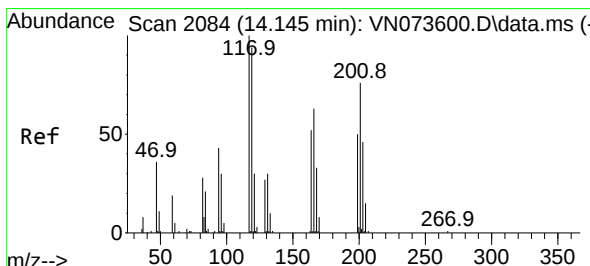
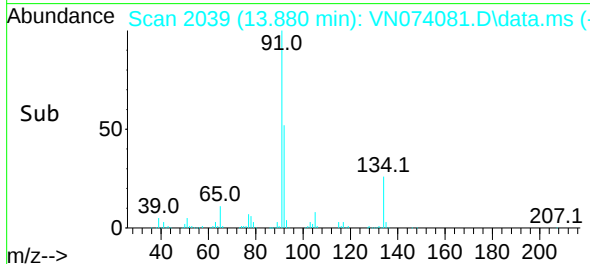
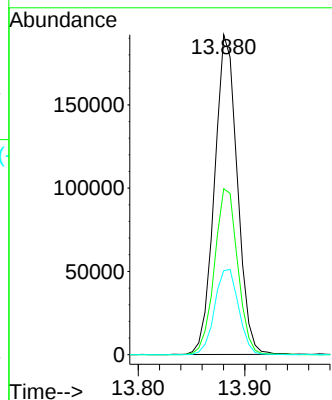
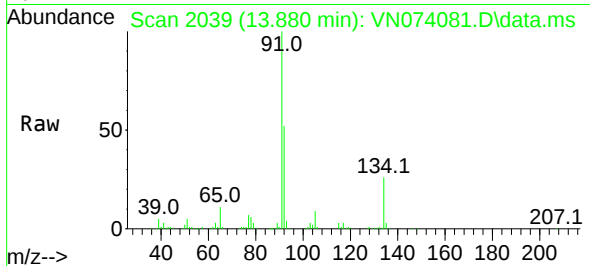




#85
n-Butylbenzene
Concen: 16.399 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

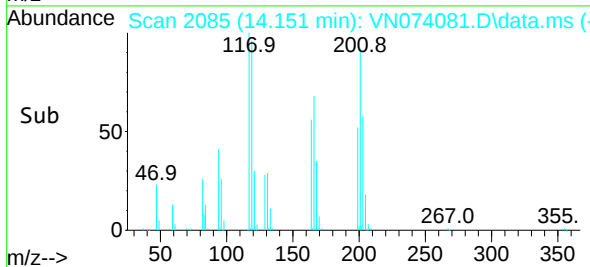
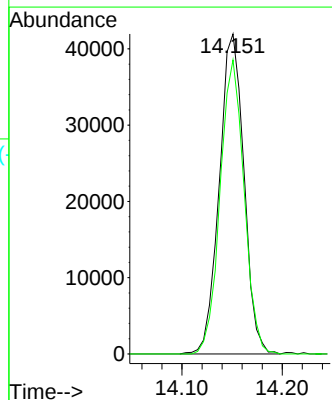
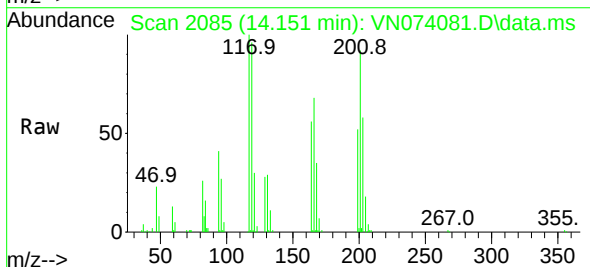
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

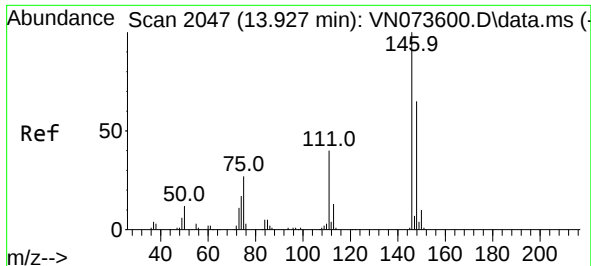
Tgt Ion: 91 Resp: 285412
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 28.0 0.0 50.2



#86
Hexachloroethane
Concen: 18.131 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion: 117 Resp: 71395
Ion Ratio Lower Upper
117 100
201 89.5 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.532 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

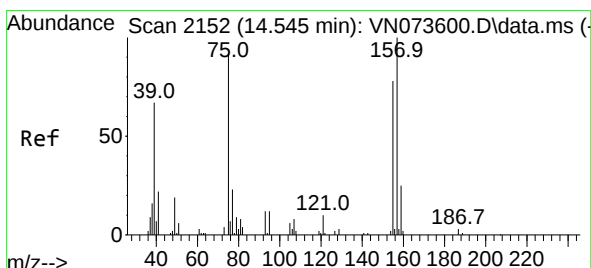
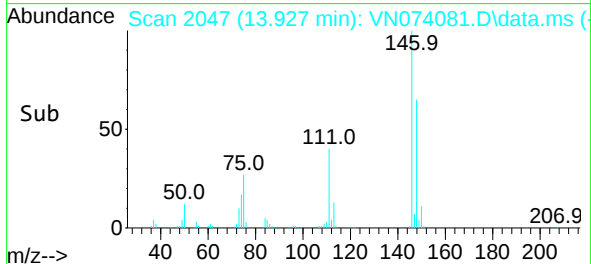
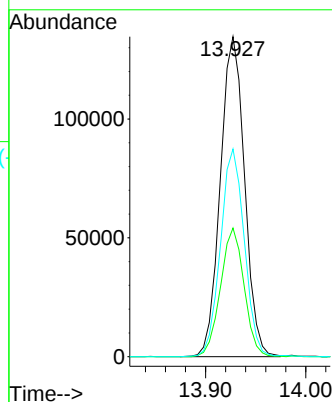
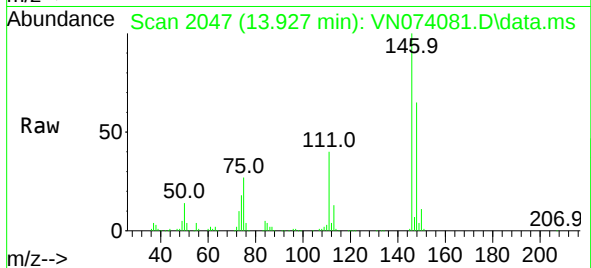
Tgt Ion:146 Resp: 225838

Ion Ratio Lower Upper

146 100

111 39.0 21.4 64.2

148 63.8 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.073 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN074081.D

Acq: 23 Aug 2022 20:32

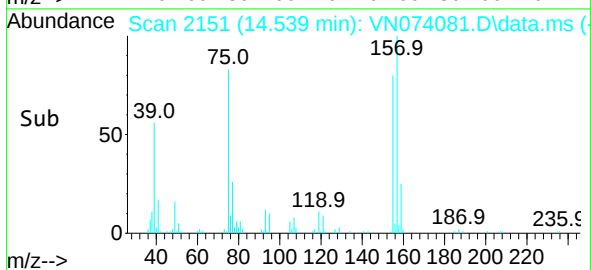
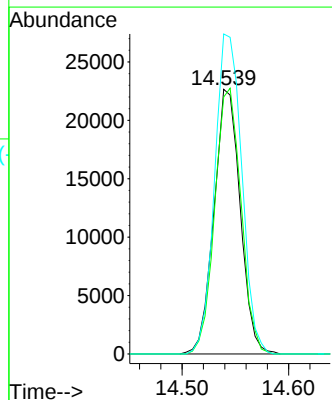
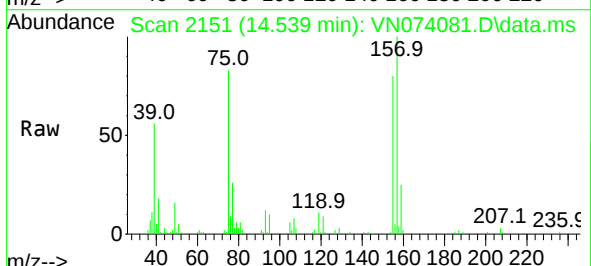
Tgt Ion: 75 Resp: 38774

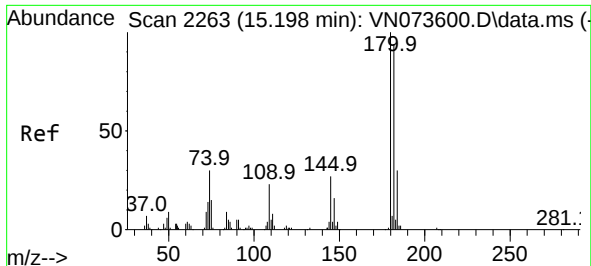
Ion Ratio Lower Upper

75 100

155 100.2 63.8 95.8#

157 124.7 77.9 116.9#

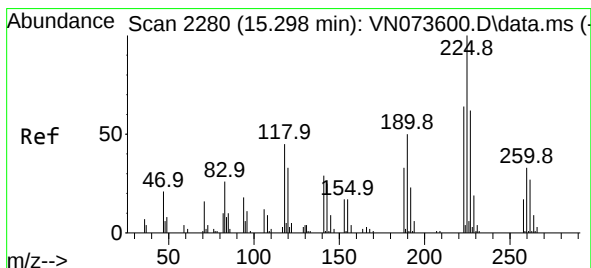
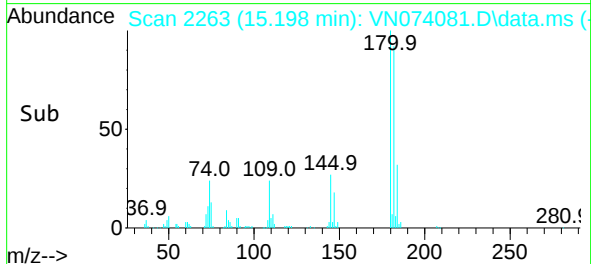
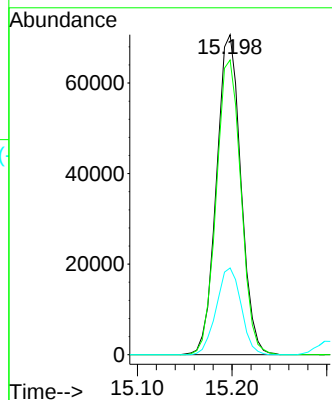
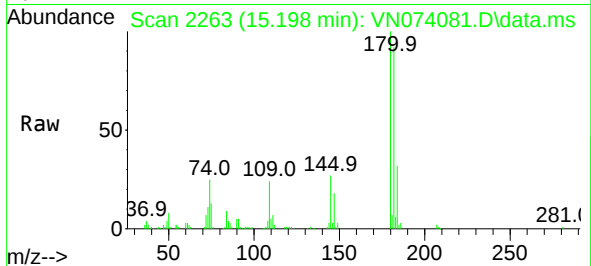




#89
1,2,4-Trichlorobenzene
Concen: 19.884 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

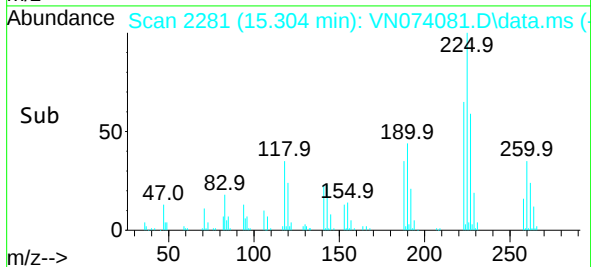
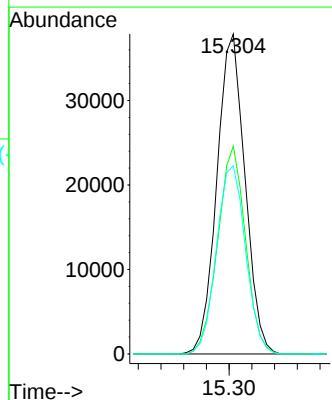
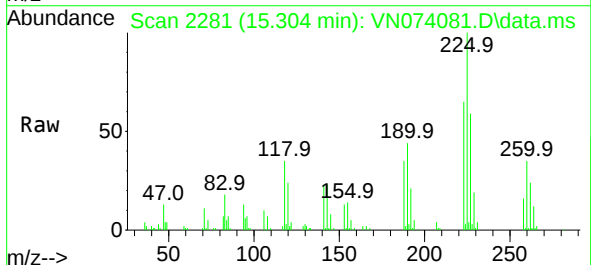
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

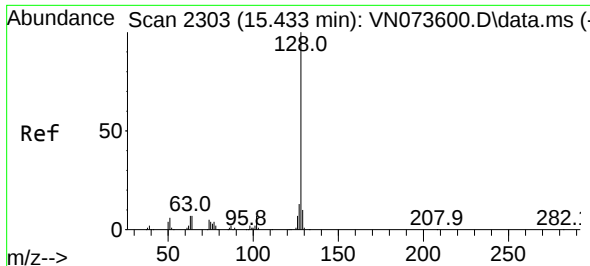
Tgt Ion:180 Resp: 126537
Ion Ratio Lower Upper
180 100
182 92.9 77.7 116.5
145 27.4 26.6 39.8



#90
Hexachlorobutadiene
Concen: 20.185 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:225 Resp: 65060
Ion Ratio Lower Upper
225 100
223 64.1 0.0 126.8
227 61.2 0.0 123.0

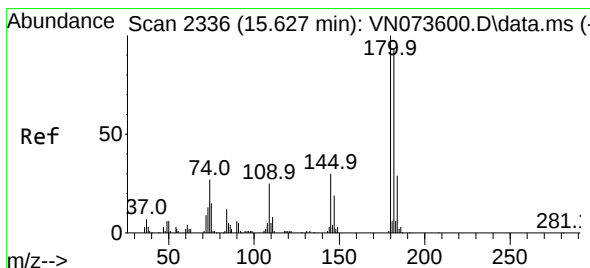
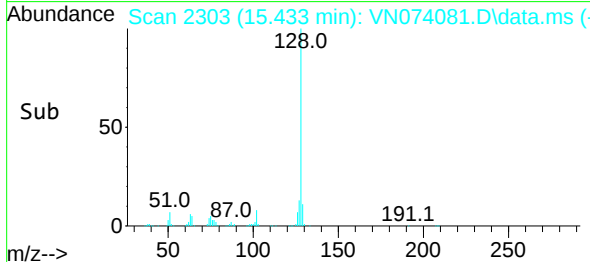
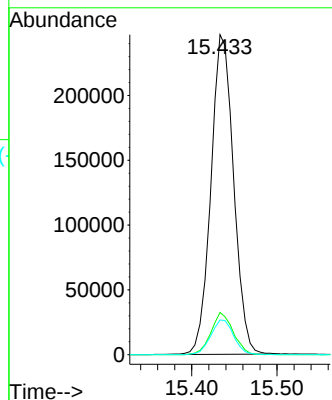
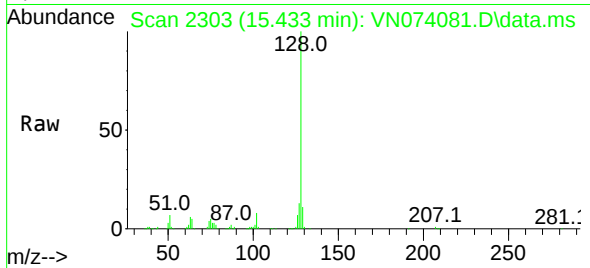




#91
Naphthalene
Concen: 21.826 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 456074
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 20.966 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074081.D
Acq: 23 Aug 2022 20:32

Tgt Ion:180 Resp: 137062
Ion Ratio Lower Upper
180 100
182 95.7 0.0 190.0
145 29.9 0.0 67.8

