

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072588.D
 Acq On : 24 May 2022 15:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 25 09:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	219681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	310219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	232278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	99186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	109691	43.896	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.800%
35) Dibromofluoromethane	8.016	113	97196	48.341	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.680%
50) Toluene-d8	10.439	98	323413	42.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.260%
62) 4-Bromofluorobenzene	12.727	95	90767	36.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	72.700%

Target Compounds			Qvalue			
3) Chloromethane	2.299	50	1351	Below Cal	#	86
5) Bromomethane	2.828	94	461	1.820	ug/l #	74
6) Chloroethane	2.975	64	82	Below Cal	#	42
10) Methyl Iodide	4.416	142	1664	0.676	ug/l #	48
13) Acrolein	4.034	56	54	4.201	ug/l #	16
15) Acrylonitrile	5.546	53	810	0.541	ug/l #	60
16) Acetone	4.299	43	1760	1.433	ug/l #	42
17) Carbon Disulfide	4.528	76	2381	0.485	ug/l #	75
20) Methylene Chloride	5.099	84	503	Below Cal	#	63
25) 2-Butanone	7.340	43	3554	1.715	ug/l #	87
29) Tetrahydrofuran	7.698	42	470	0.364	ug/l #	48
31) Cyclohexane	8.081	56	4006	1.012	ug/l #	1
37) Ethyl Acetate	7.340	43	3554	0.956	ug/l #	85
38) Carbon Tetrachloride	8.081	117	20200	6.727	ug/l #	17
49) 1,4-Dioxane	9.569	88	56	1.144	ug/l #	25
51) 4-Methyl-2-Pentanone	10.328	43	1508	0.418	ug/l	98
59) 2-Hexanone	11.086	43	3753	1.467	ug/l	77
64) Tetrachloroethene	10.975	164	455	0.265	ug/l #	66
65) Chlorobenzene	11.769	112	1320	0.254	ug/l #	76
68) m/p-Xylenes	11.951	106	923	0.274	ug/l #	65
70) Styrene	12.292	104	1171	0.222	ug/l #	77
74) N-amyl acetate	12.386	43	1668	0.526	ug/l #	86
76) 1,2,3-Trichloropropane	12.727	75	47816	17.757	ug/l #	1
77) Bromobenzene	12.857	156	606	0.276	ug/l	99
78) n-propylbenzene	12.910	91	2525	0.258	ug/l	92
79) 2-Chlorotoluene	13.004	91	1586	0.262	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.727	75	47816	52.109	ug/l #	10
82) 4-Chlorotoluene	13.098	91	2416	0.437	ug/l	92
84) 1,2,4-Trimethylbenzene	13.357	105	1642	0.244	ug/l	94
85) sec-Butylbenzene	13.498	105	2251	0.263	ug/l	86
86) p-Isopropyltoluene	13.616	119	1787	0.265	ug/l	92
87) 1,3-Dichlorobenzene	13.610	146	1893	0.512	ug/l	91
88) 1,4-Dichlorobenzene	13.610	146	1893	0.522	ug/l	92
89) n-Butylbenzene	13.939	91	3008	0.552	ug/l	83
91) 1,2-Dichlorobenzene	13.986	146	1761	0.497	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	403	0.758	ug/l	73

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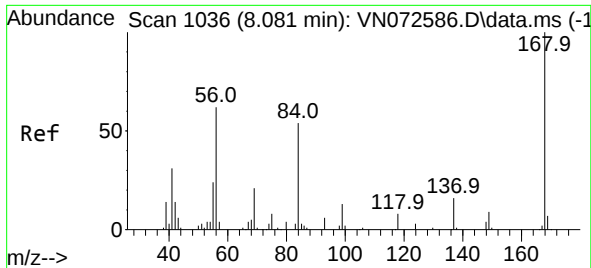
Quant Time: May 25 09:18:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.263	180	3012	1.614	ug/l	97
94) Hexachlorobutadiene	15.363	225	598	0.543	ug/l	87
95) Naphthalene	15.504	128	16009	2.593	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	4412	2.208	ug/l	96

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

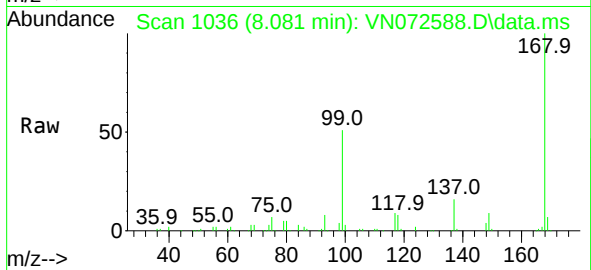
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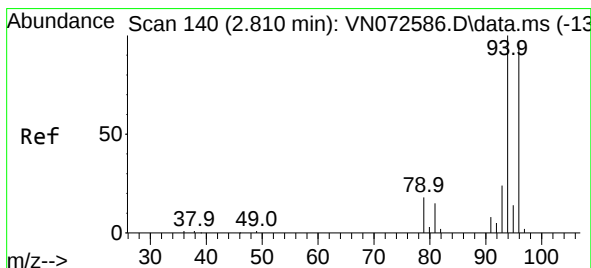
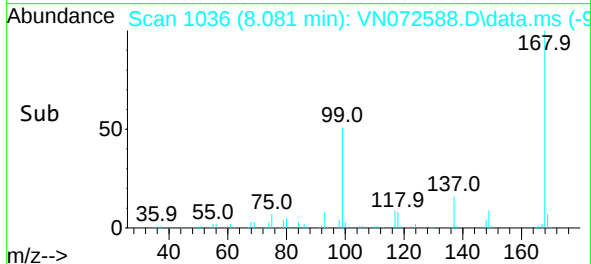
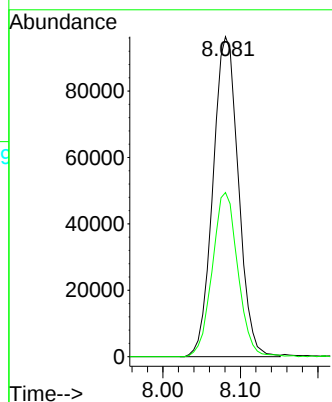


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

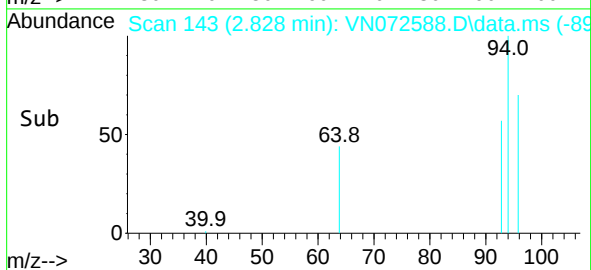
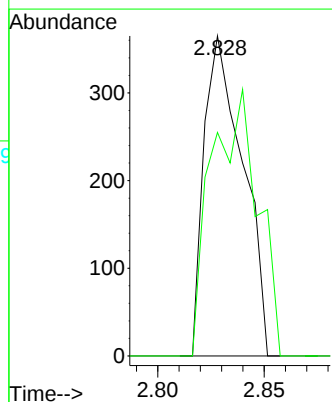
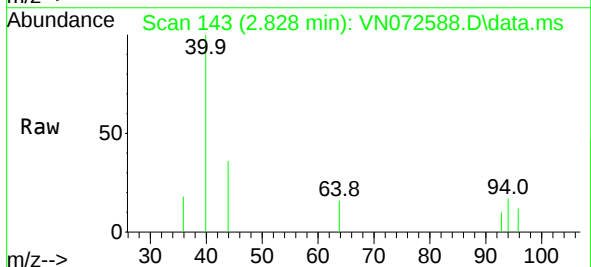


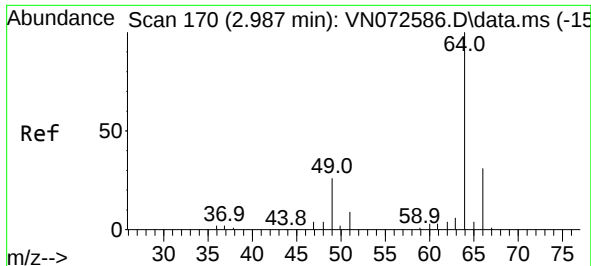
Tgt Ion:168 Resp: 219681
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5



#5
Bromomethane
Concen: 1.820 ug/l
RT: 2.828 min Scan# 143
Delta R.T. 0.018 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 69.9 76.0 114.0#

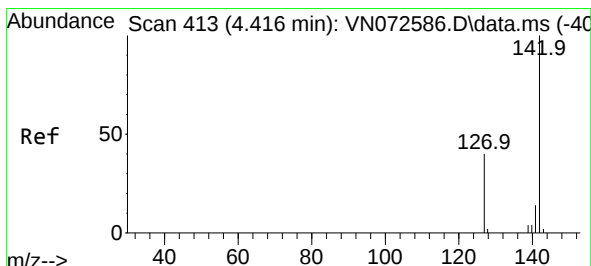
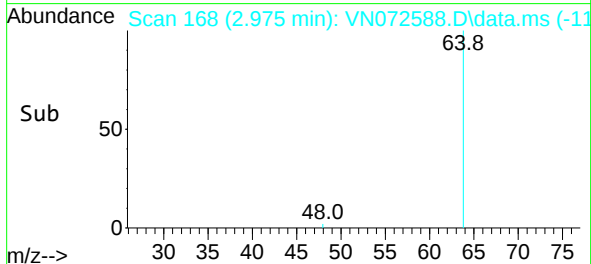
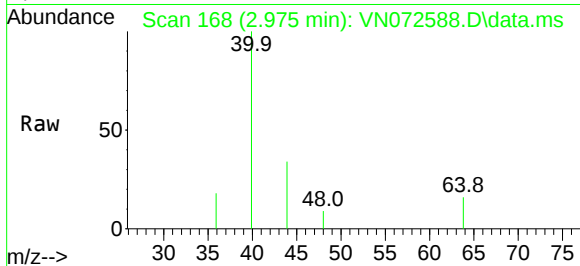




#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

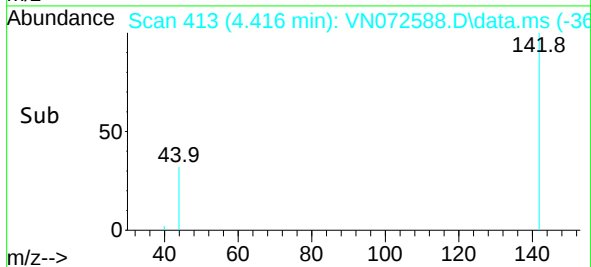
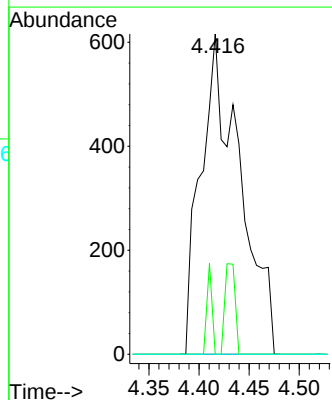
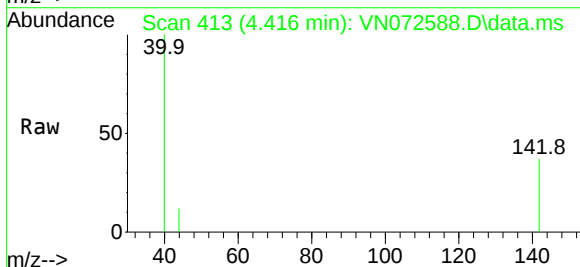
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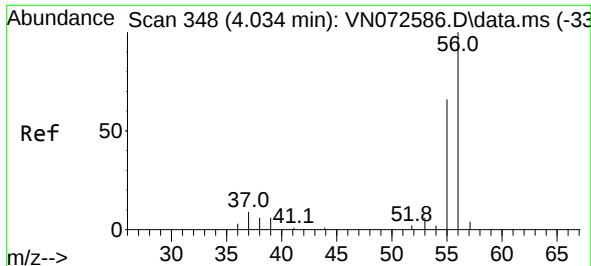
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.676 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 142 Resp: 1664
Ion Ratio Lower Upper
142 100
127 3.7 31.3 46.9#
141 0.0 11.2 16.8#

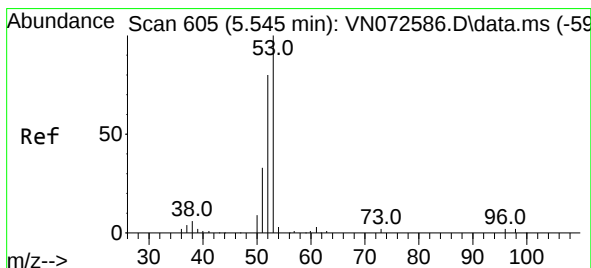
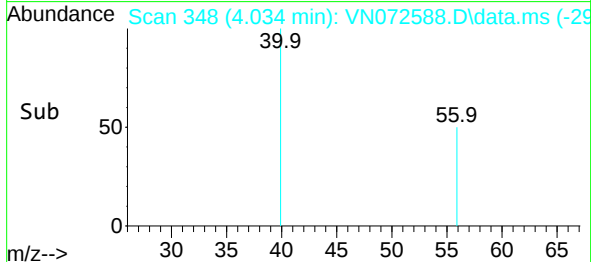
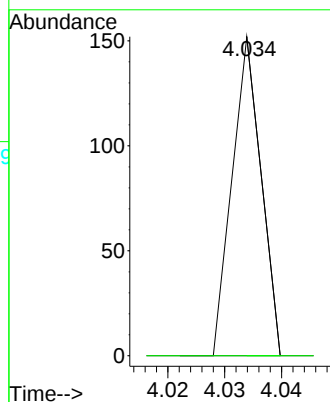
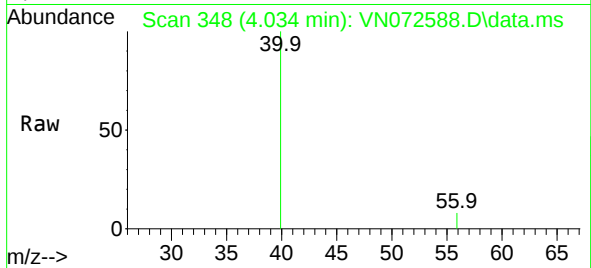




#13
Acrolein
Concen: 4.201 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

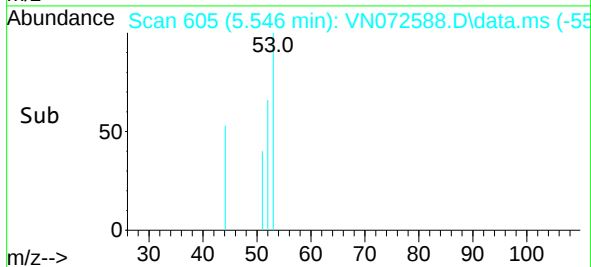
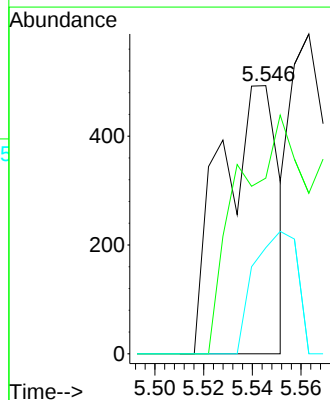
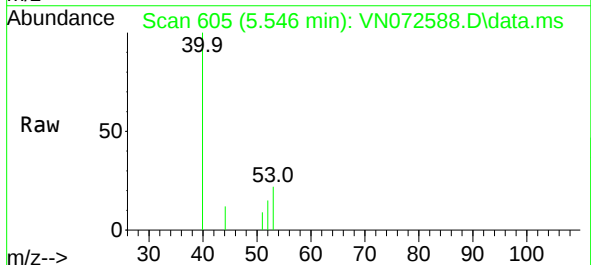
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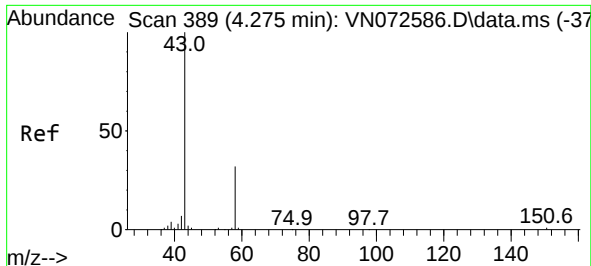
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#15
Acrylonitrile
Concen: 0.541 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.001 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 53 Resp: 810
Ion Ratio Lower Upper
53 100
52 133.5 66.4 99.6#
51 34.4 28.5 42.7

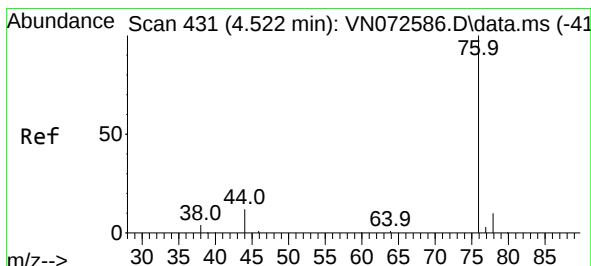
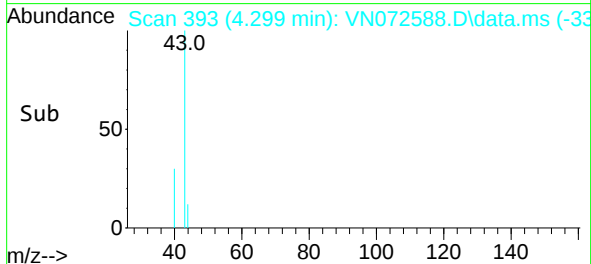
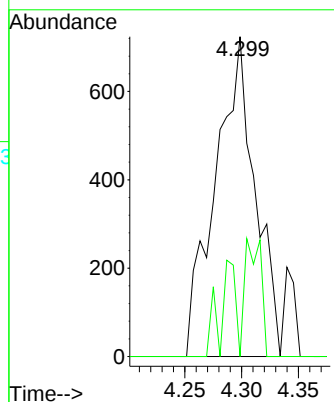
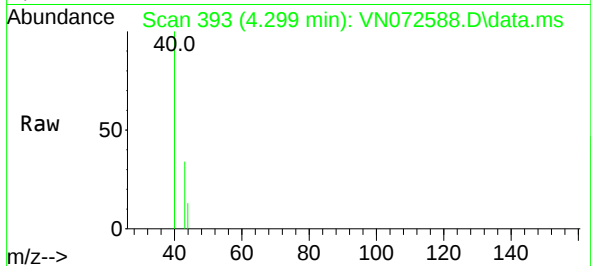




#16
Acetone
Concen: 1.433 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

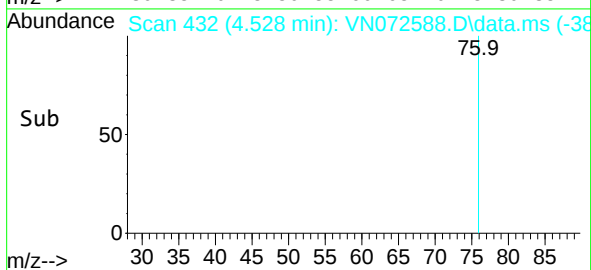
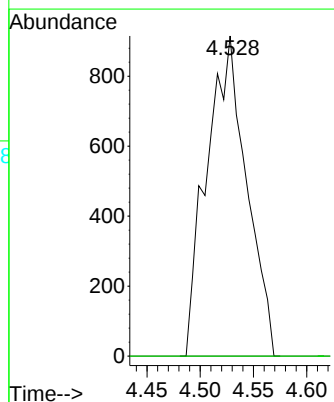
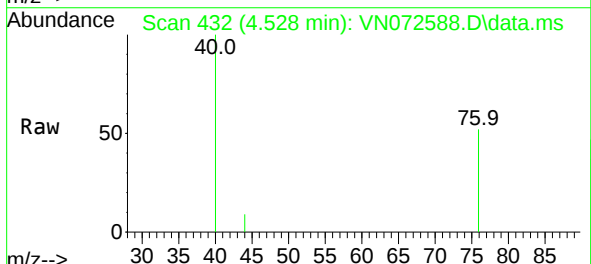
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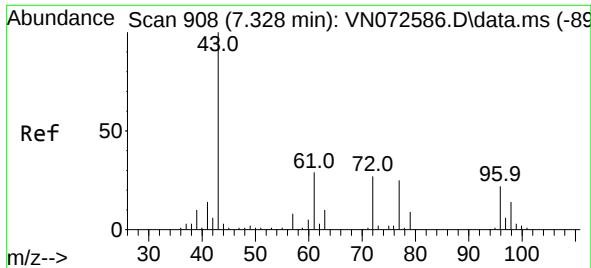
Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.485 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 76 Resp: 2381
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

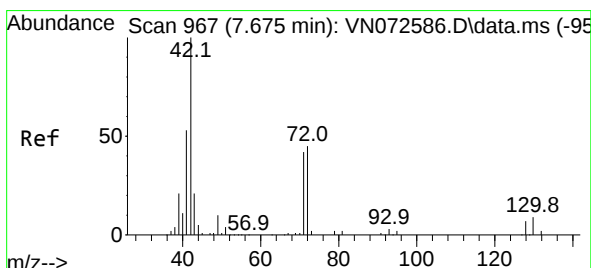
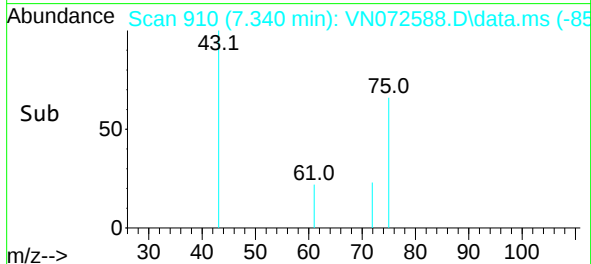
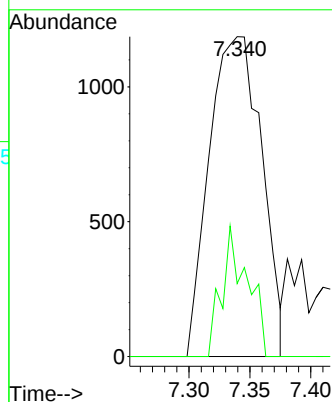
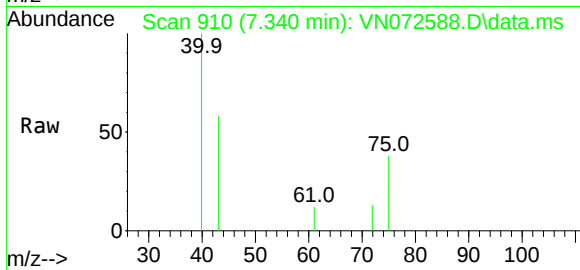




#25
2-Butanone
Concen: 1.715 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

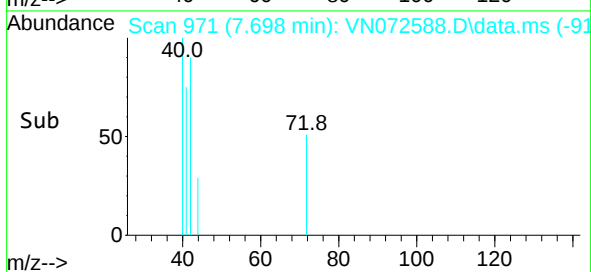
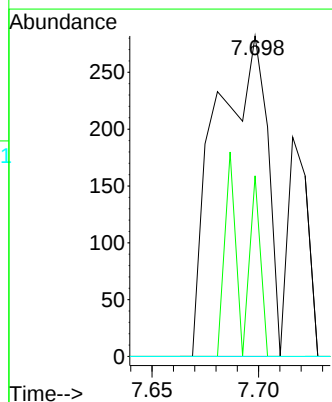
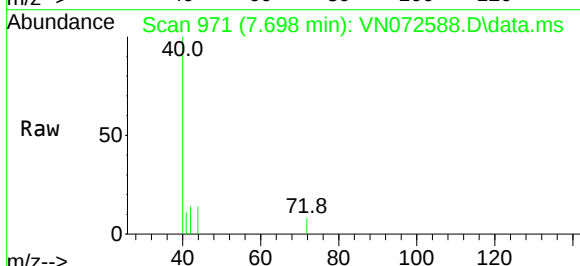
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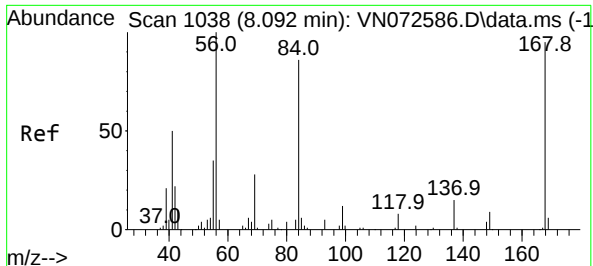
Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.364 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 42 Resp: 470
Ion Ratio Lower Upper
42 100
72 25.5 39.7 59.5#
71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

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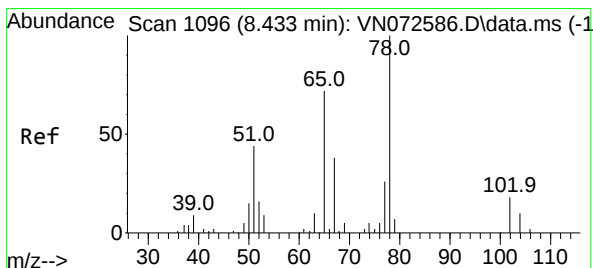
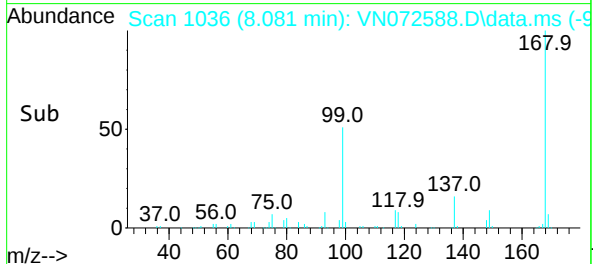
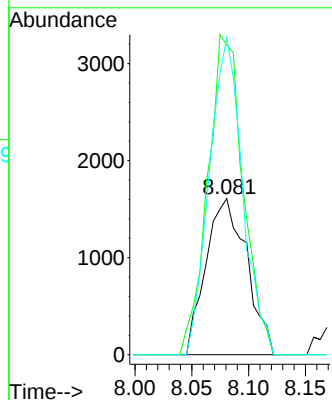
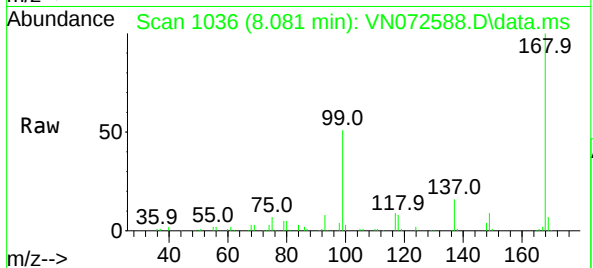
Tgt Ion: 56 Resp: 4006

Ion Ratio Lower Upper

56 100

69 198.1 27.8 41.8#

84 203.0 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.896 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072588.D

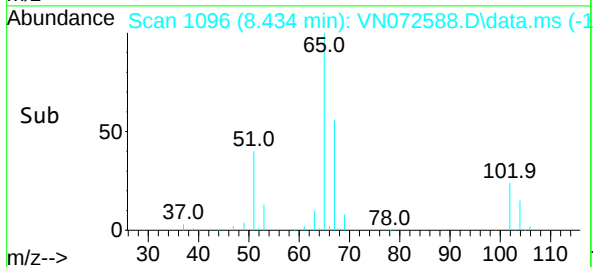
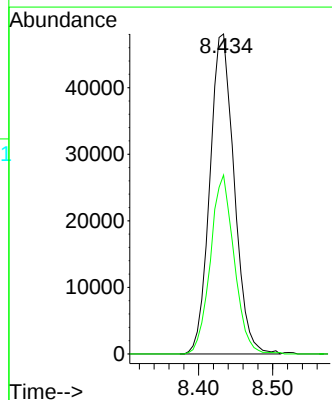
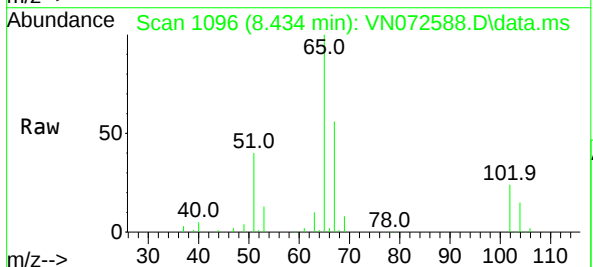
Acq: 24 May 2022 15:04

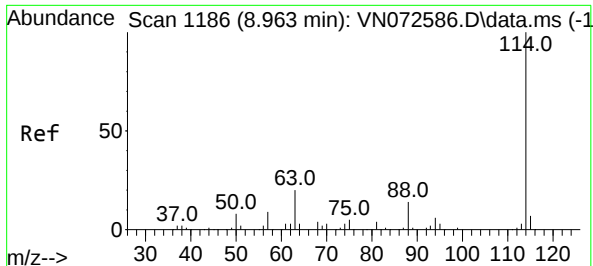
Tgt Ion: 65 Resp: 109691

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

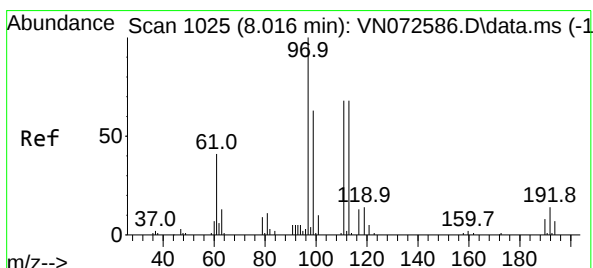
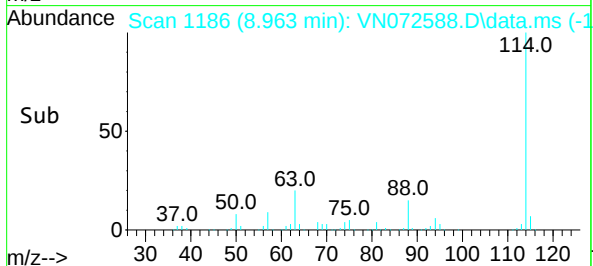
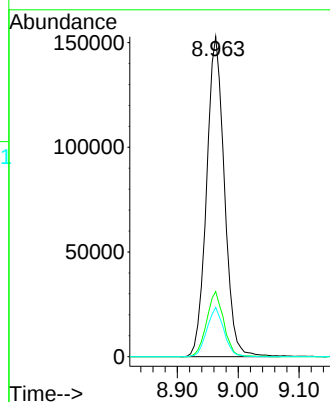
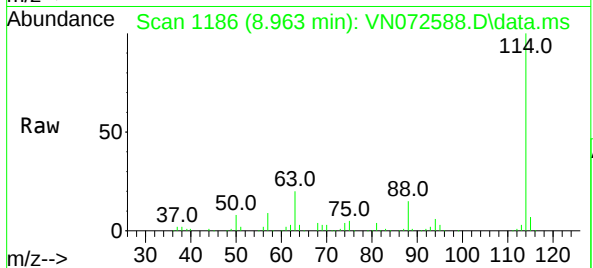
Tgt Ion:114 Resp: 310219

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.341 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

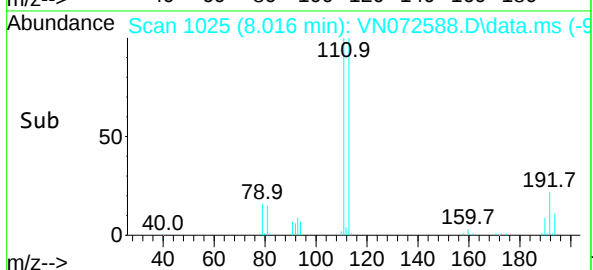
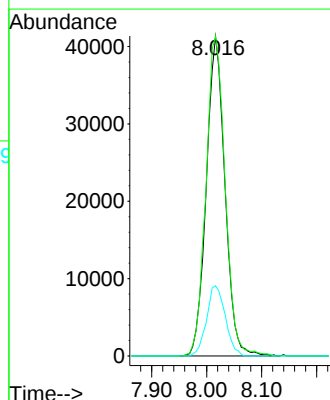
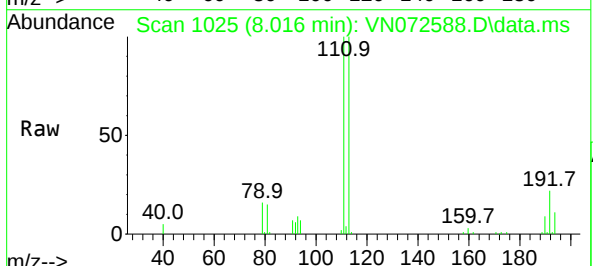
Tgt Ion:113 Resp: 97196

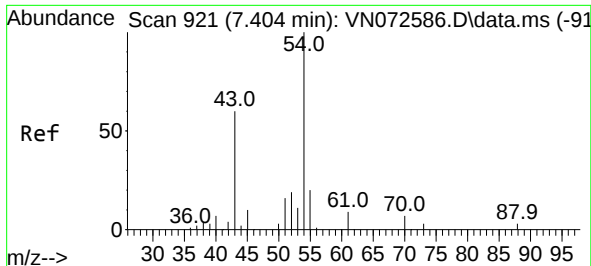
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.1 17.0 25.6

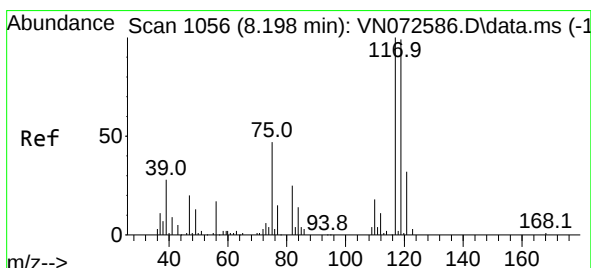
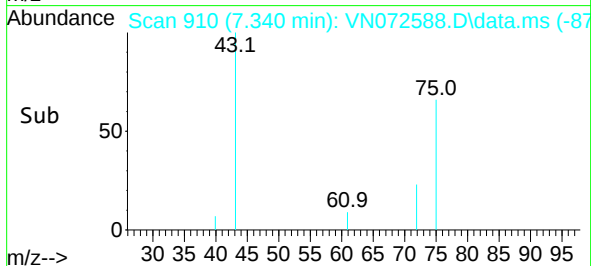
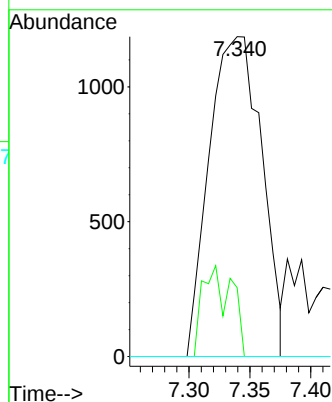
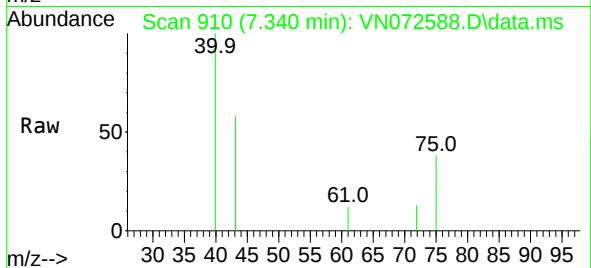




#37
Ethyl Acetate
Concen: 0.956 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.064 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

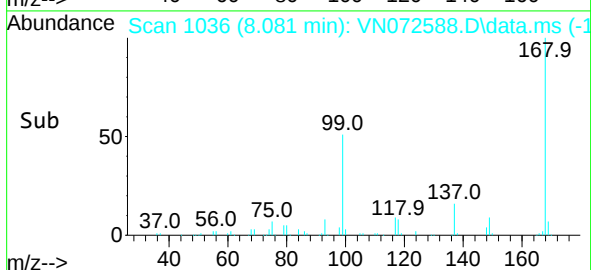
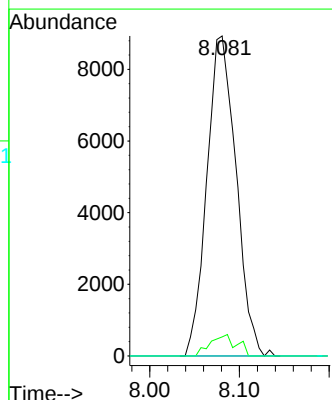
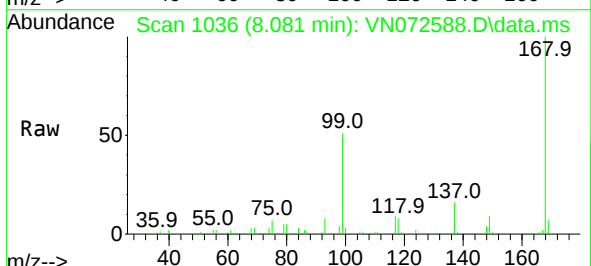
Instrument :
MSVOA_N
ClientSampleId :
IBLK

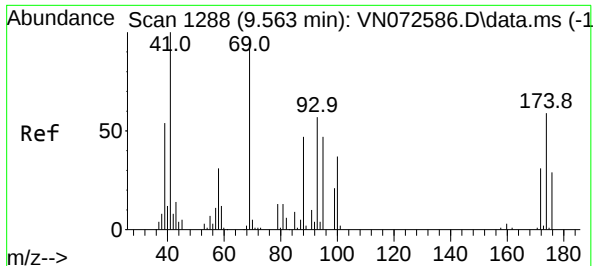
Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.117 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 117 Resp: 20200
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 1.144 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

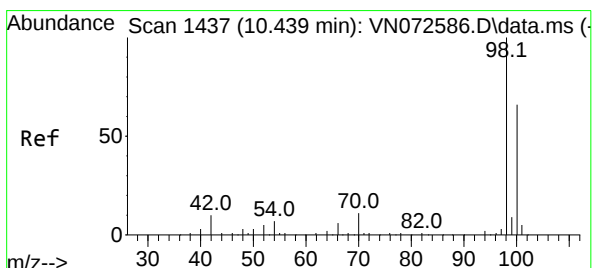
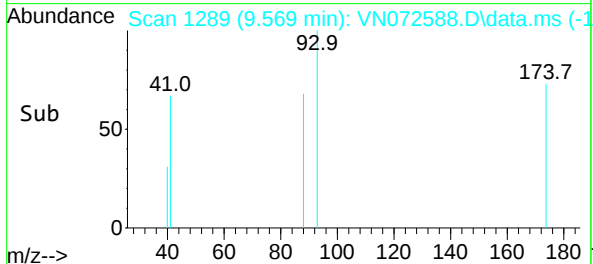
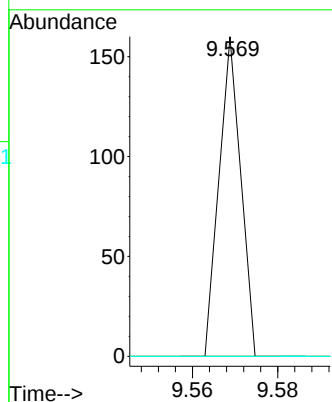
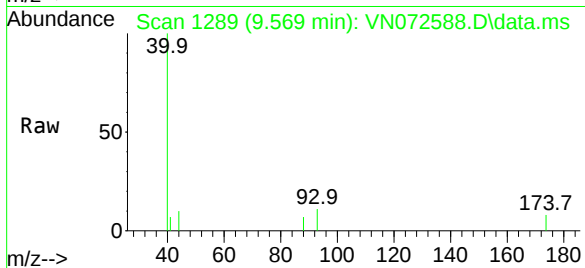
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#



#50

Toluene-d8

Concen: 42.126 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072588.D

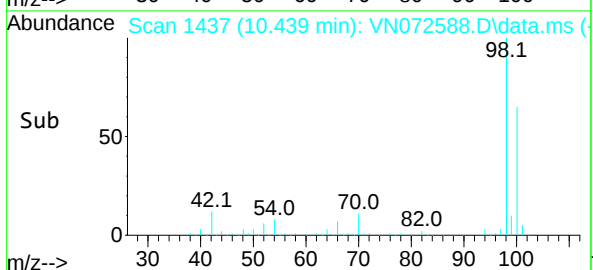
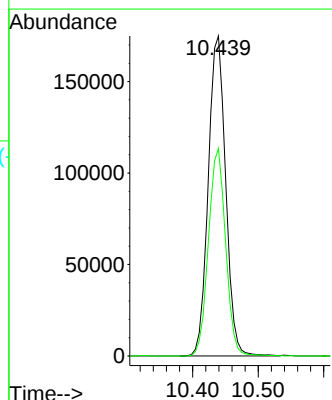
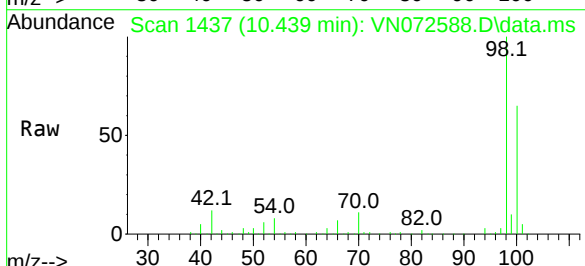
Acq: 24 May 2022 15:04

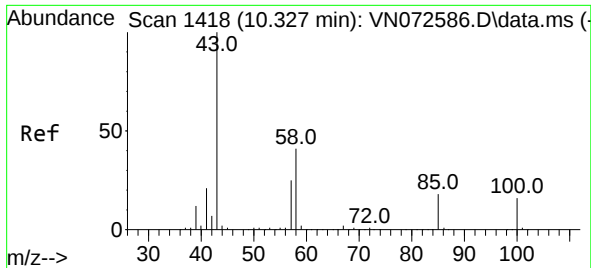
Tgt Ion: 98 Resp: 323413

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

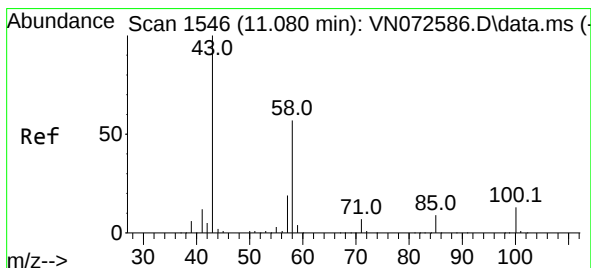
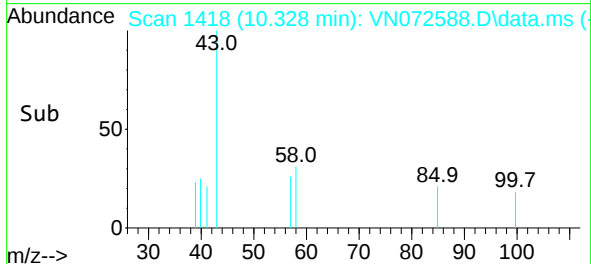
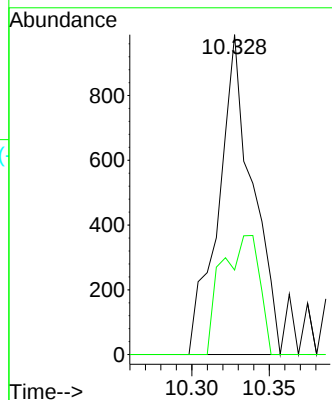
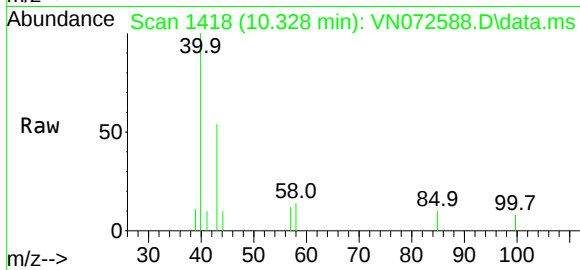




#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

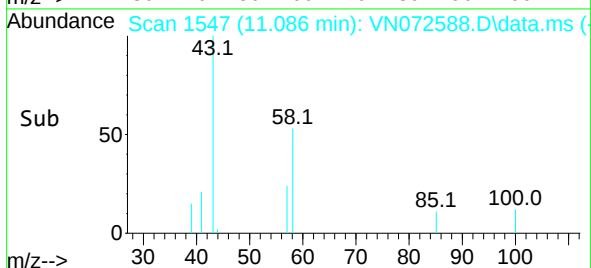
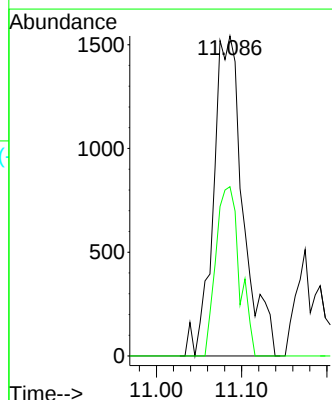
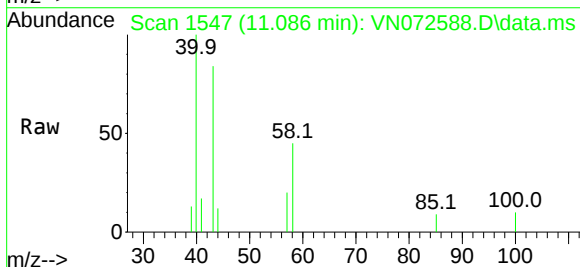
Instrument :
MSVOA_N
ClientSampleId :
IBLK

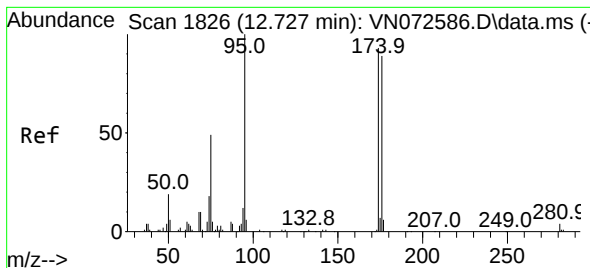
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 41.2 34.1 51.1



#59
2-Hexanone
Concen: 1.467 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 43 Resp: 3753
Ion Ratio Lower Upper
43 100
58 41.9 29.7 89.1

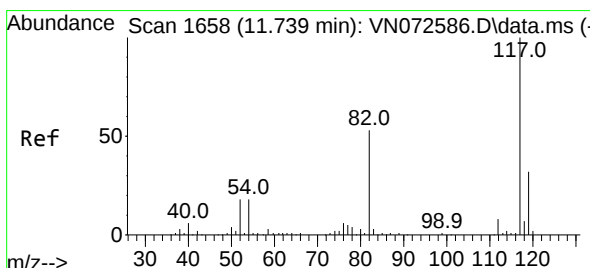
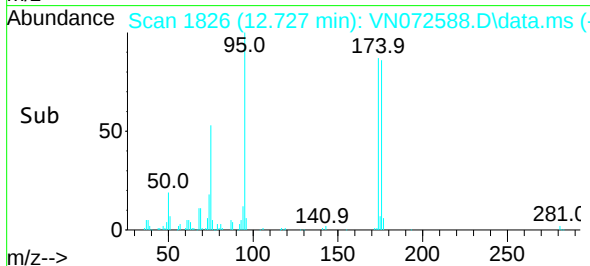
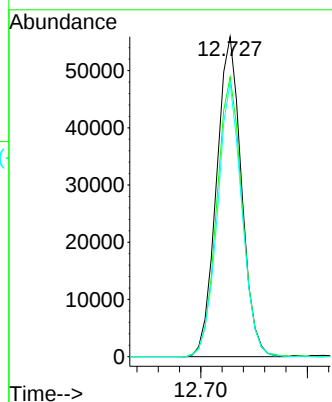
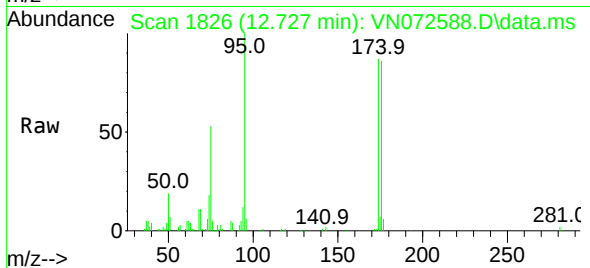




#62
4-Bromofluorobenzene
Concen: 36.351 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

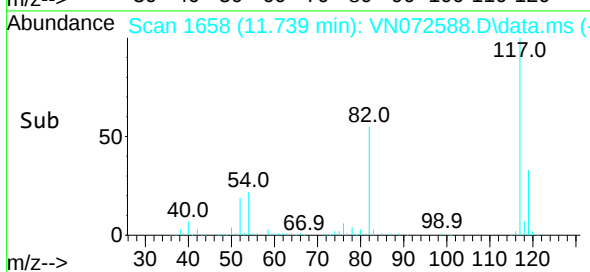
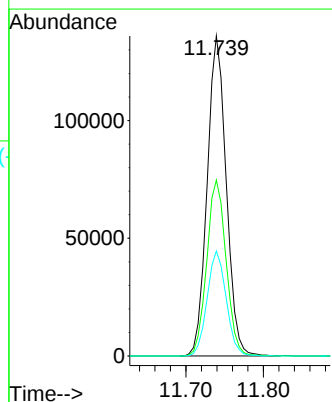
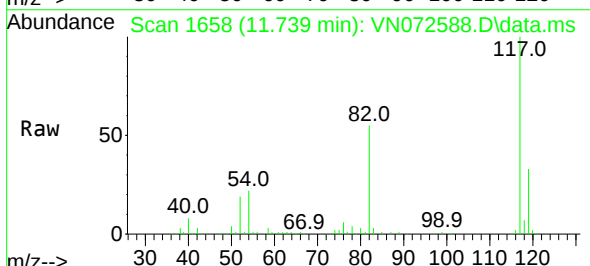
Instrument :
MSVOA_N
ClientSampleId :
IBLK

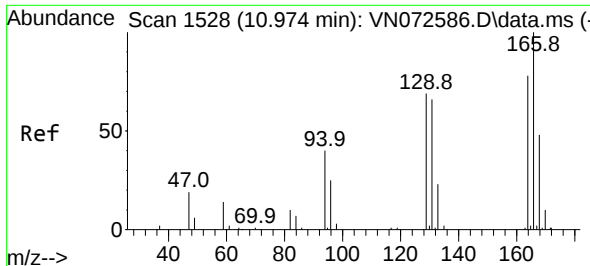
Tgt Ion: 95 Resp: 90767
Ion Ratio Lower Upper
95 100
174 88.6 0.0 167.6
176 83.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 117 Resp: 232278
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.8 25.4 38.0

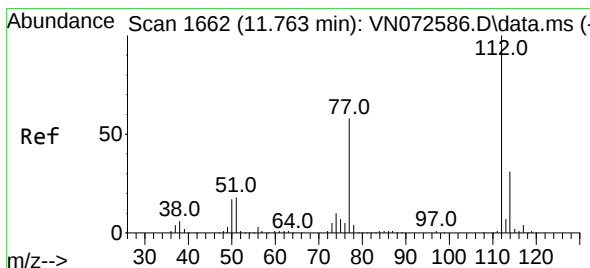
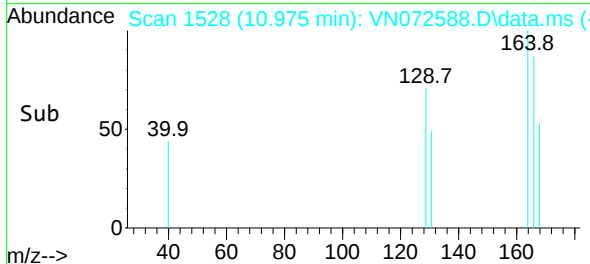
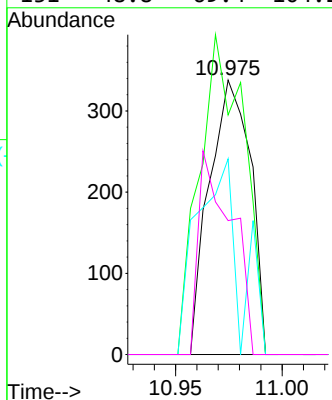
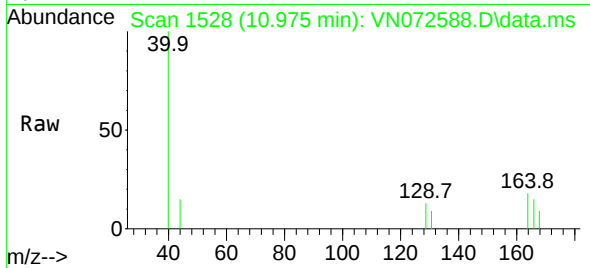




#64
Tetrachloroethene
Concen: 0.265 ug/l
RT: 10.975 min Scan# 111
Delta R.T. 0.001 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

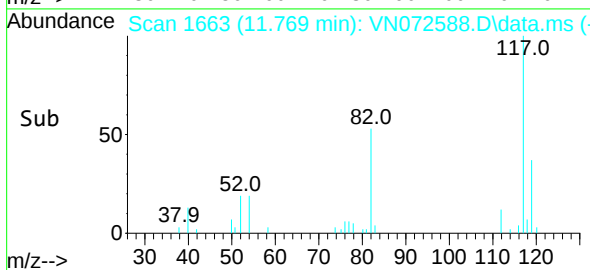
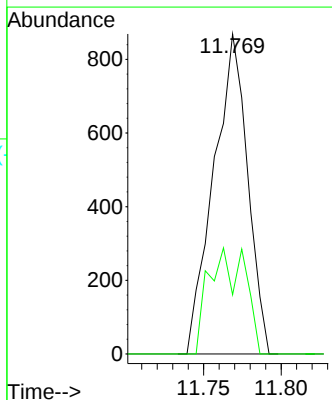
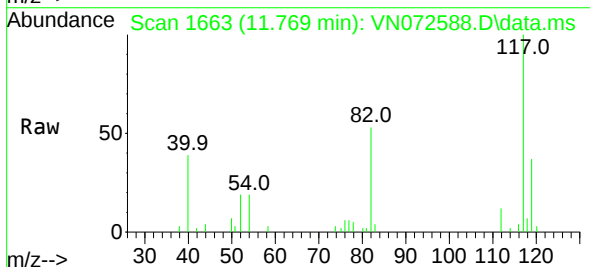
Instrument :
MSVOA_N
ClientSampleId :
IBLK

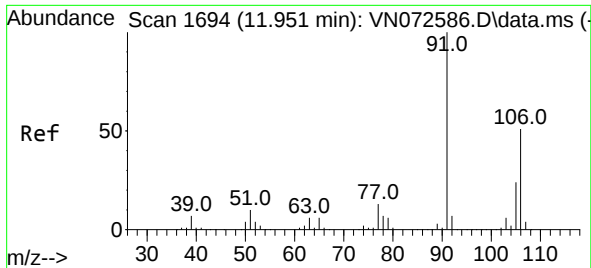
Tgt Ion:164 Resp: 455
Ion Ratio Lower Upper
164 100
166 87.3 104.2 156.2#
129 71.3 73.9 110.9#
131 48.8 69.4 104.2#



#65
Chlorobenzene
Concen: 0.254 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion:112 Resp: 1320
Ion Ratio Lower Upper
112 100
114 18.5 25.4 38.2#

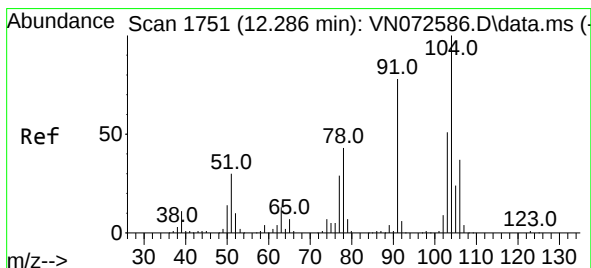
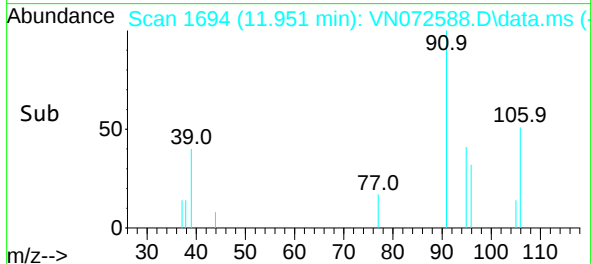
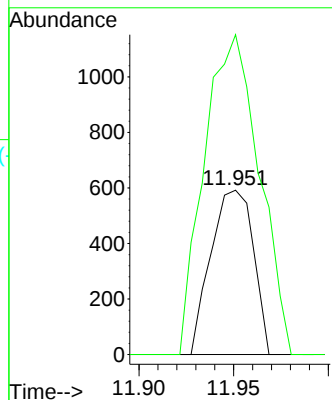
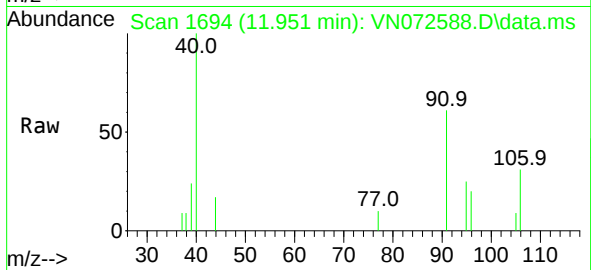




#68
m/p-Xylenes
Concen: 0.274 ug/l
RT: 11.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

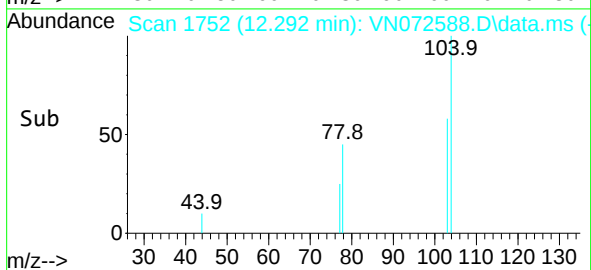
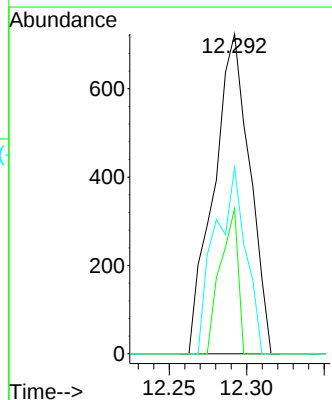
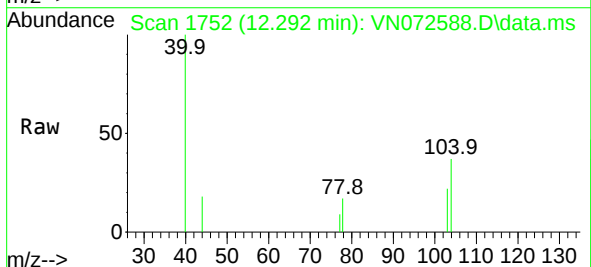
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MSVOA_N
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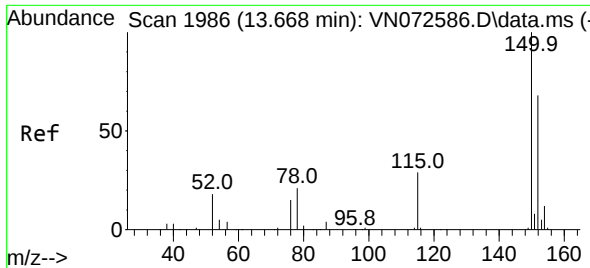
Tgt Ion:106 Resp: 923
Ion Ratio Lower Upper
106 100
91 251.6 158.9 238.3#



#70
Styrene
Concen: 0.222 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion:104 Resp: 1171
Ion Ratio Lower Upper
104 100
78 22.4 39.5 59.3#
103 49.3 44.0 66.0

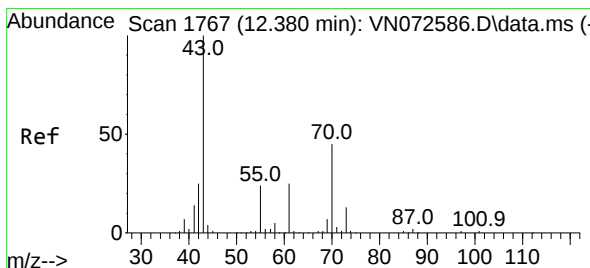
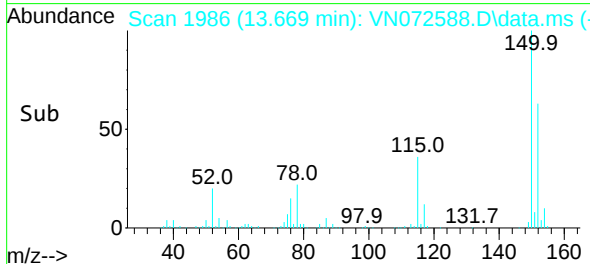
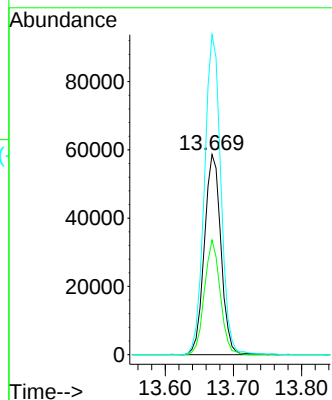
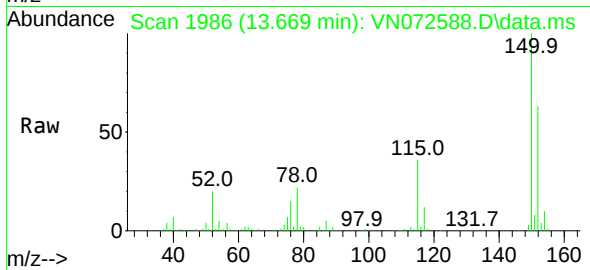




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

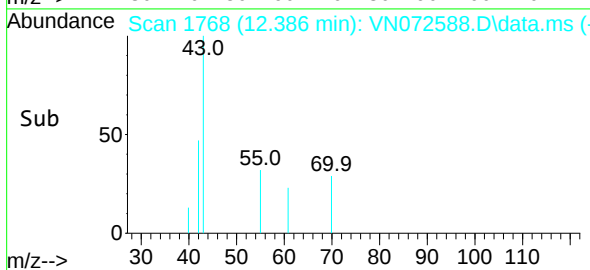
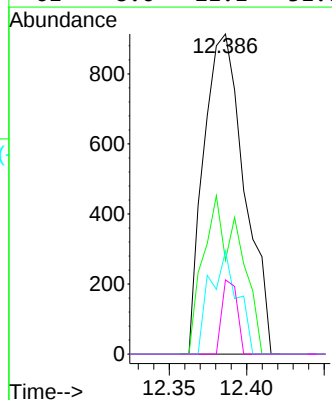
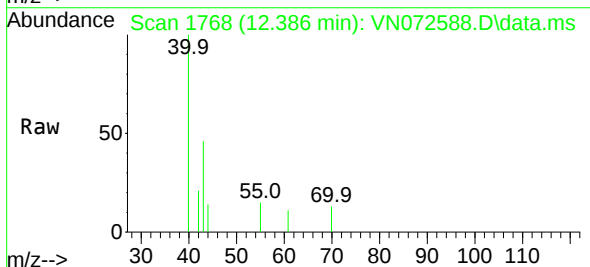
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MSVOA_N
ClientSampleId :
IBLK

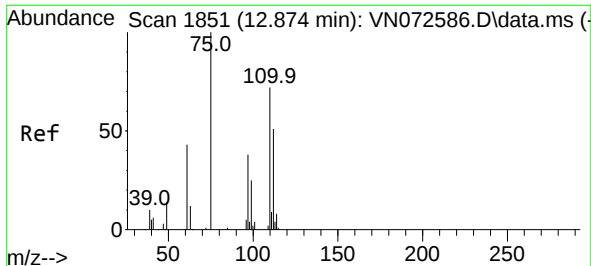
Tgt Ion:152 Resp: 99186
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 158.3 0.0 356.2



#74
N-ethyl acetate
Concen: 0.526 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
70 44.3 39.0 58.4
55 21.8 21.1 31.7
61 8.6 21.1 31.7#

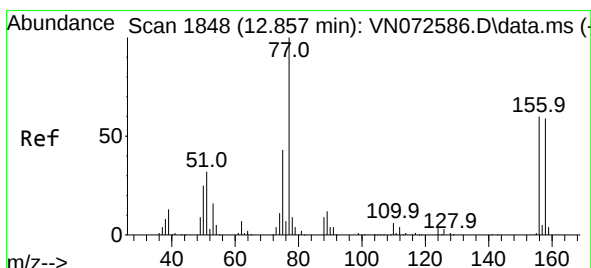
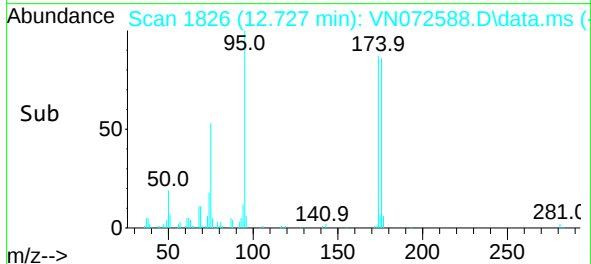
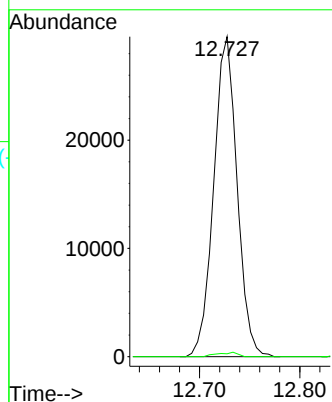
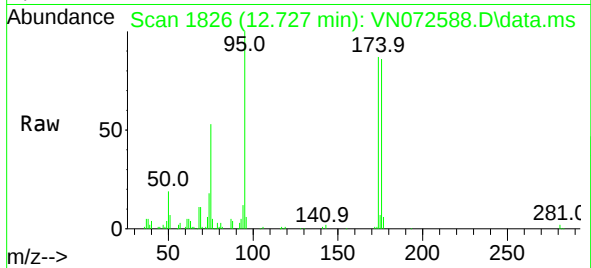




#76
1,2,3-Trichloropropane
Concen: 17.757 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

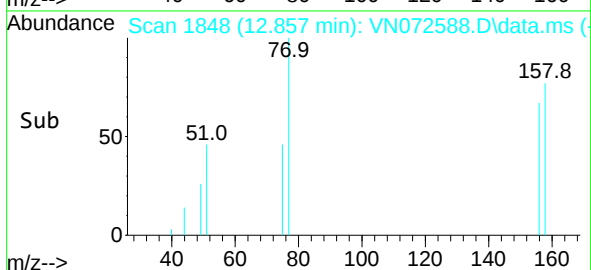
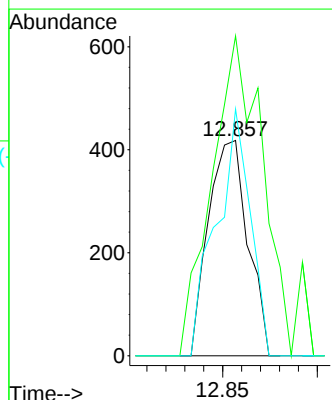
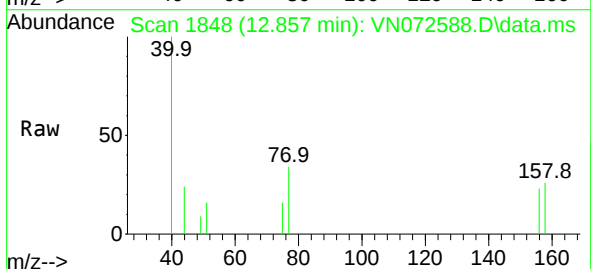
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ClientSampleId :
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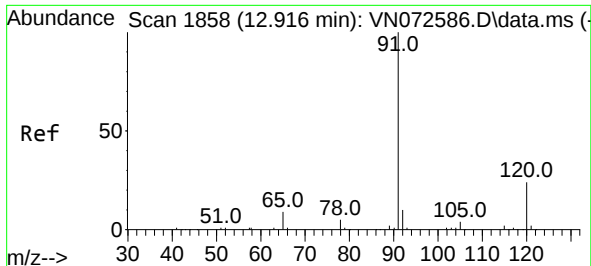
Tgt Ion: 75 Resp: 47816
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#77
Bromobenzene
Concen: 0.276 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 156 Resp: 606
Ion Ratio Lower Upper
156 100
77 199.7 100.5 301.5
158 98.3 48.9 146.6

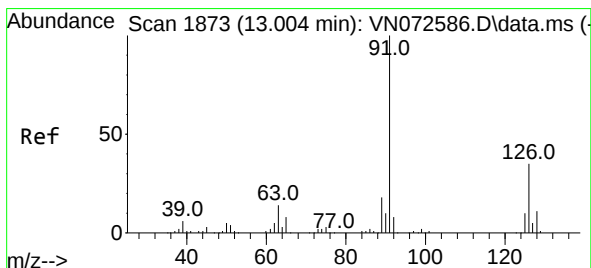
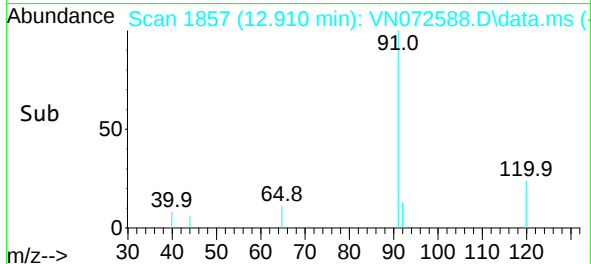
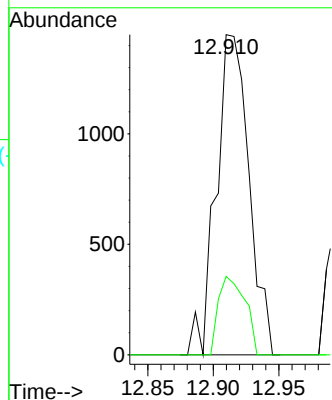
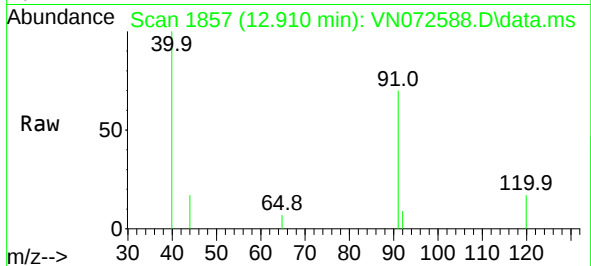




#78
n-propylbenzene
Concen: 0.258 ug/l
RT: 12.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

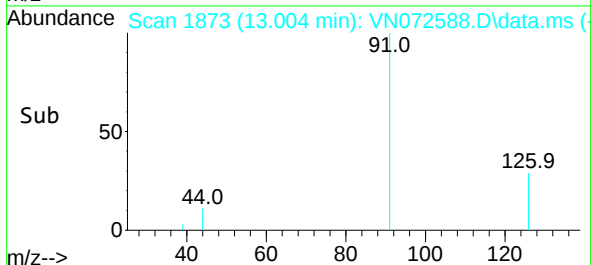
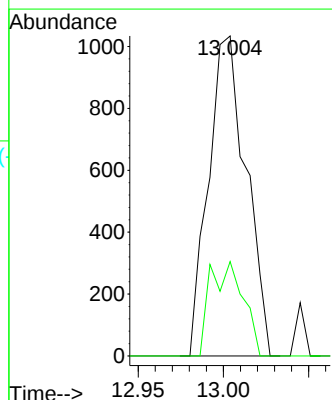
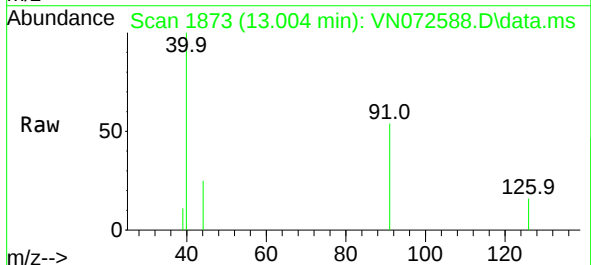
Instrument :
MSVOA_N
ClientSampleId :
IBLK

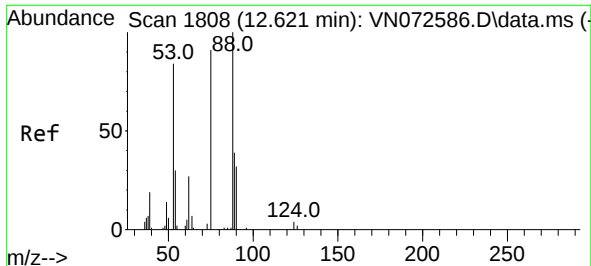
Tgt Ion: 91 Resp: 2525
Ion Ratio Lower Upper
91 100
120 19.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.262 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 91 Resp: 1586
Ion Ratio Lower Upper
91 100
126 25.9 17.3 51.9

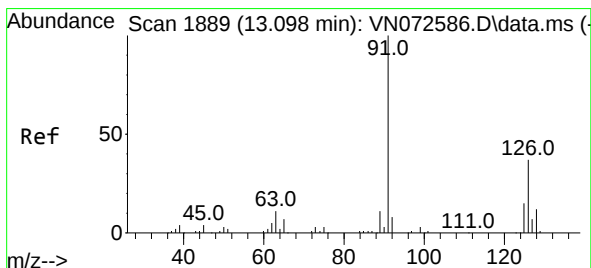
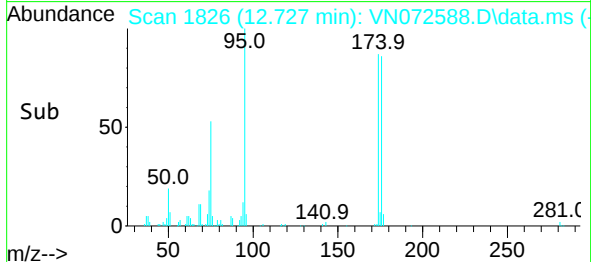
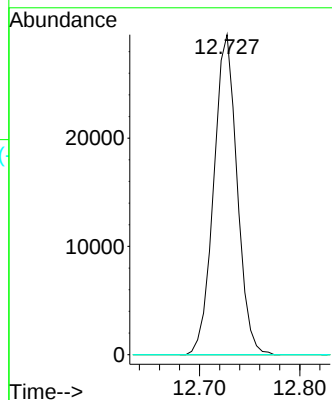
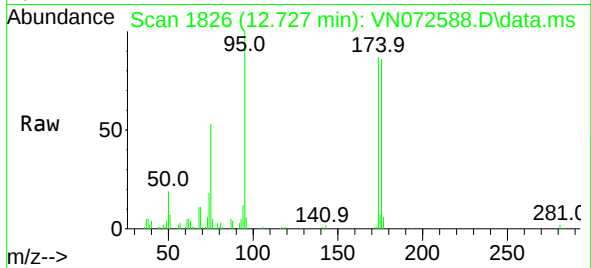




#81
trans-1,4-Dichloro-2-butene
Concen: 52.109 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

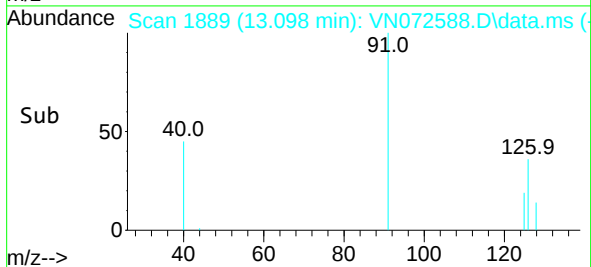
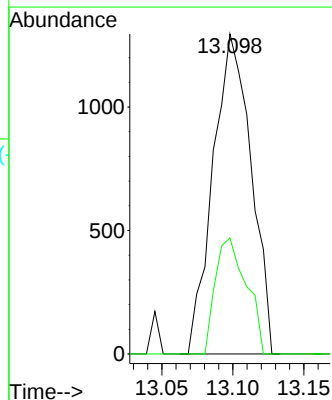
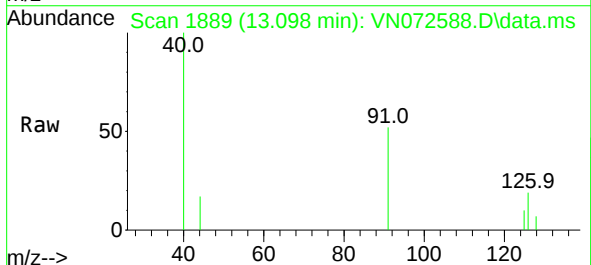
Instrument :
MSVOA_N
ClientSampleId :
IBLK

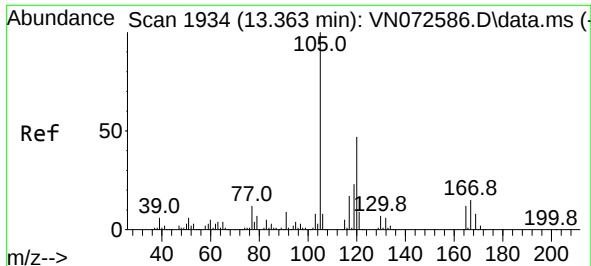
Tgt Ion: 75 Resp: 47816
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.437 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 91 Resp: 2416
Ion Ratio Lower Upper
91 100
126 29.6 17.2 51.6

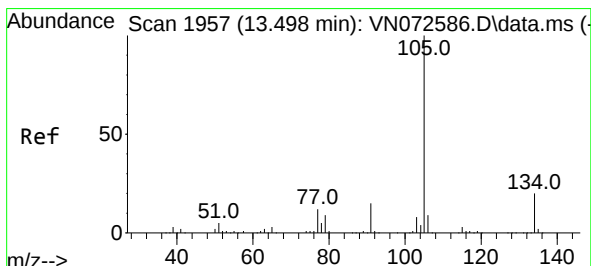
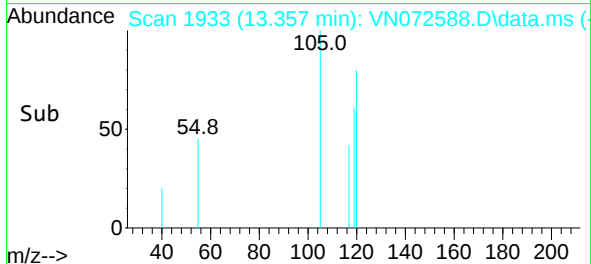
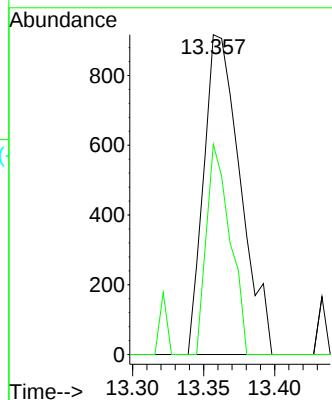
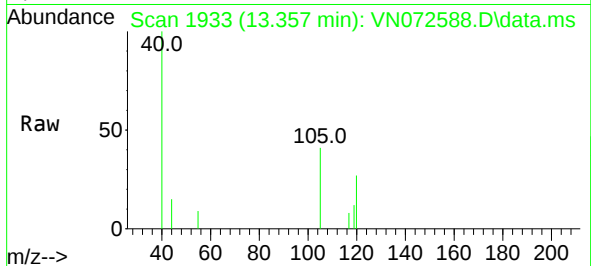




#84
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 13.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

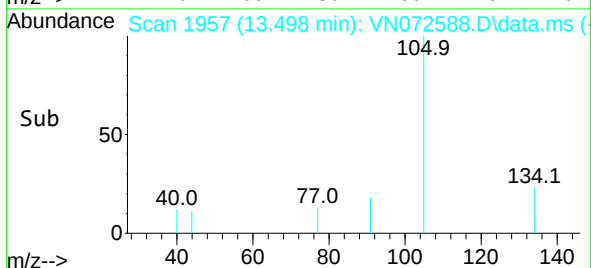
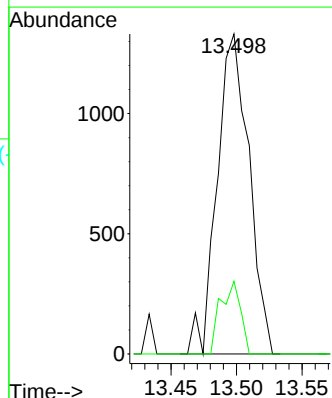
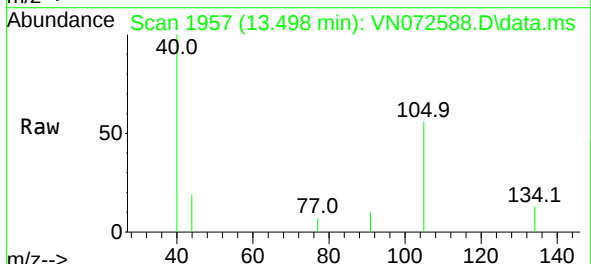
Instrument :
MSVOA_N
ClientSampleId :
IBLK

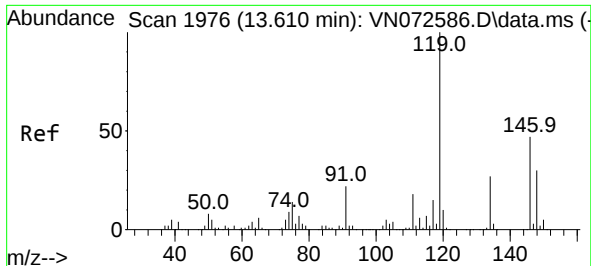
Tgt Ion:105 Resp: 1642
Ion Ratio Lower Upper
105 100
120 42.4 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.263 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion:105 Resp: 2251
Ion Ratio Lower Upper
105 100
134 14.3 10.4 31.1

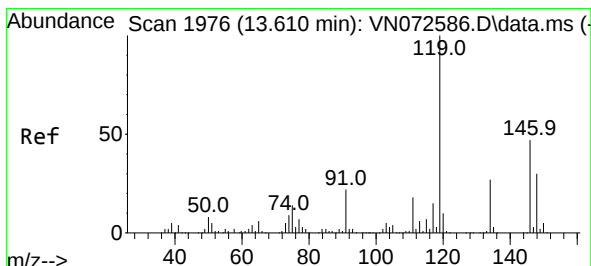
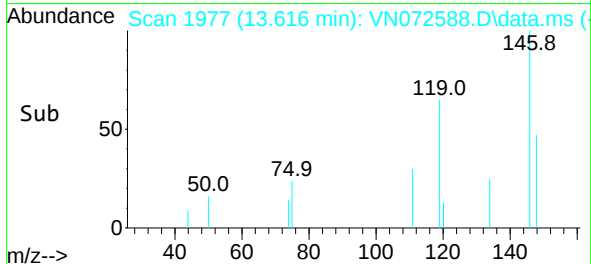
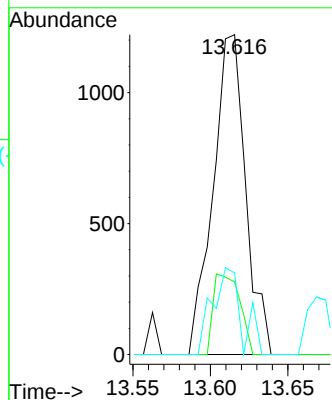
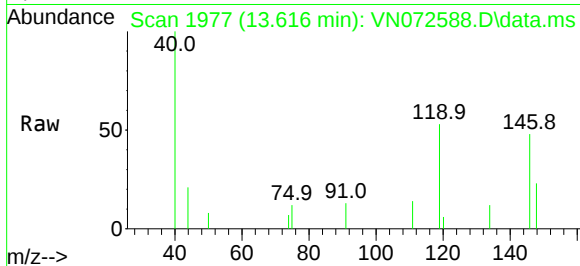




#86
 p-Isopropyltoluene
 Concen: 0.265 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072588.D
 Acq: 24 May 2022 15:04

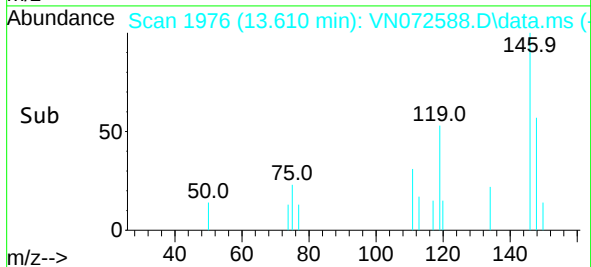
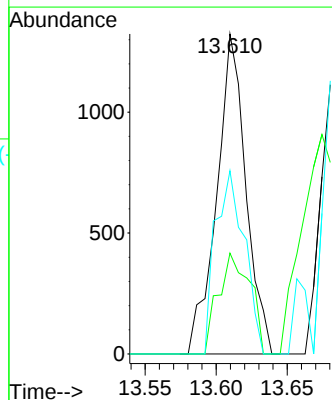
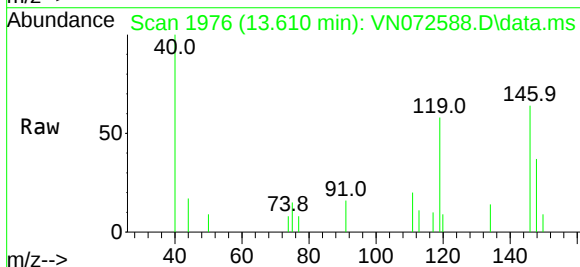
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

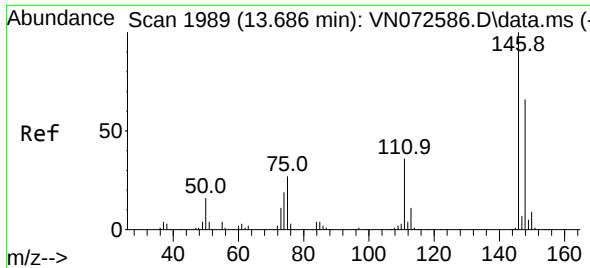
Tgt Ion:119 Resp: 1787
 Ion Ratio Lower Upper
 119 100
 134 20.4 13.3 39.8
 91 24.3 11.3 33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.512 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072588.D
 Acq: 24 May 2022 15:04

Tgt Ion:146 Resp: 1893
 Ion Ratio Lower Upper
 146 100
 111 34.0 20.0 60.0
 148 56.7 32.0 96.0

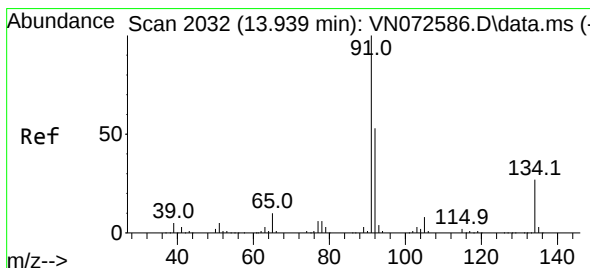
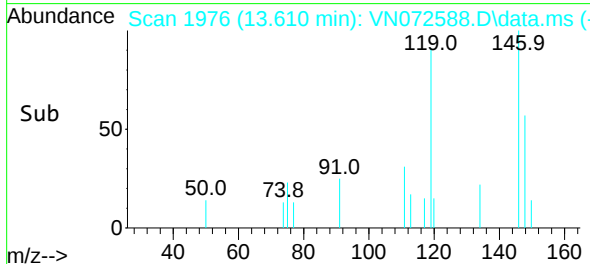
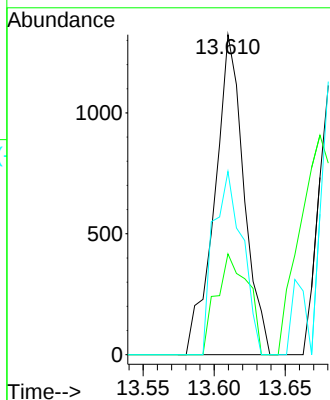
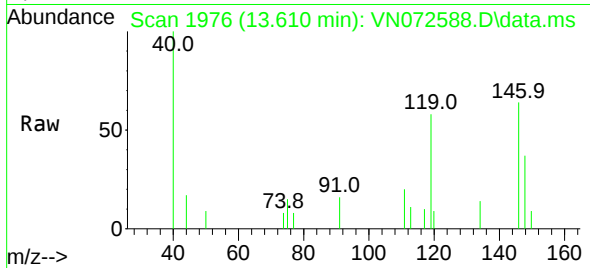




#88
1,4-Dichlorobenzene
Concen: 0.522 ug/l
RT: 13.610 min Scan# 1989
Delta R.T. -0.076 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

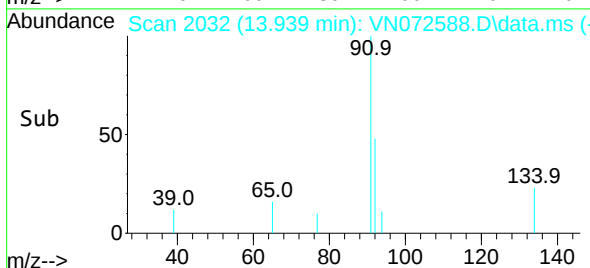
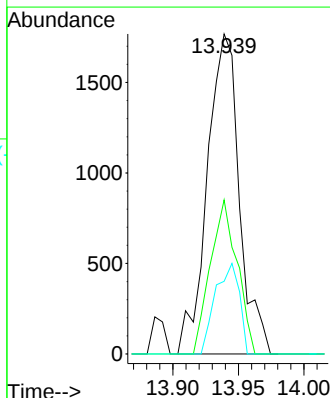
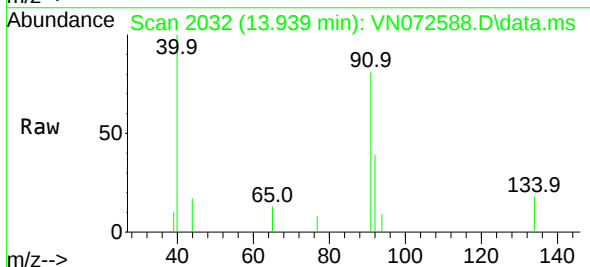
Instrument :
MSVOA_N
ClientSampleId :
IBLK

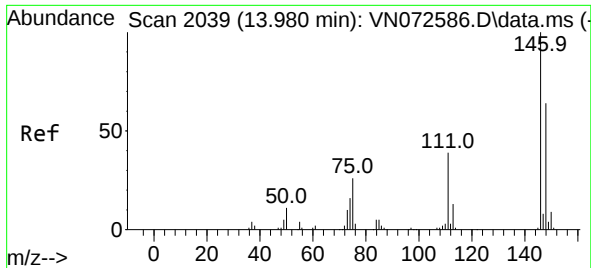
Tgt Ion:146 Resp: 1893
Ion Ratio Lower Upper
146 100
111 34.0 19.1 57.1
148 56.7 31.4 94.3



#89
n-Butylbenzene
Concen: 0.552 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 91 Resp: 3008
Ion Ratio Lower Upper
91 100
92 40.2 26.9 80.7
134 21.1 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.497 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

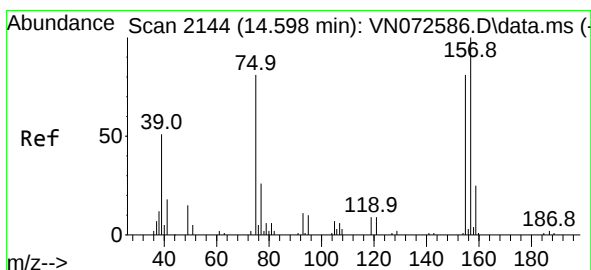
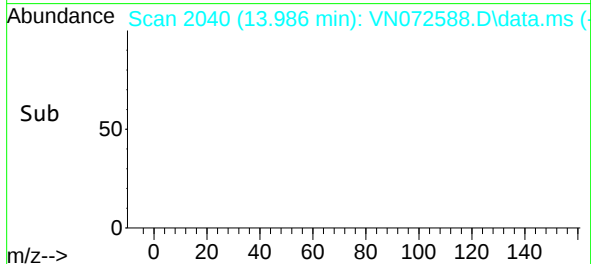
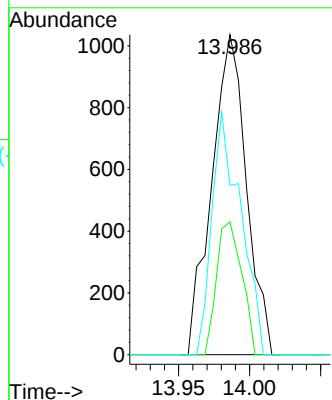
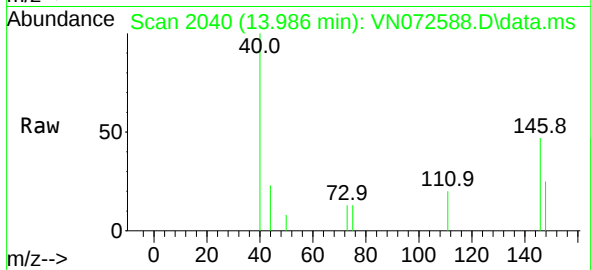
Tgt Ion:146 Resp: 1761

Ion Ratio Lower Upper

146 100

111 30.1 20.9 62.8

148 62.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.758 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

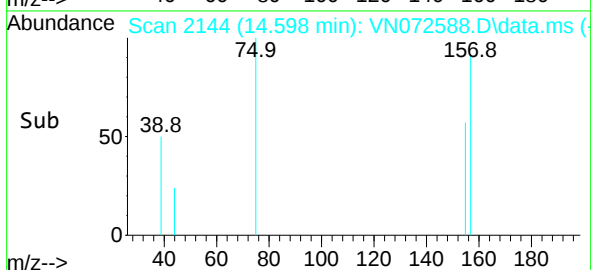
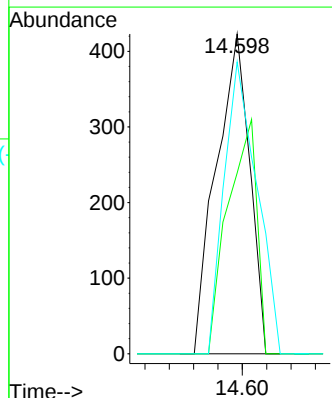
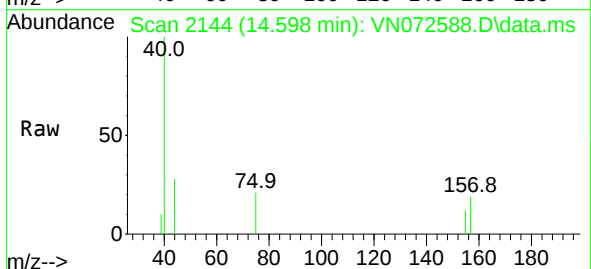
Tgt Ion: 75 Resp: 403

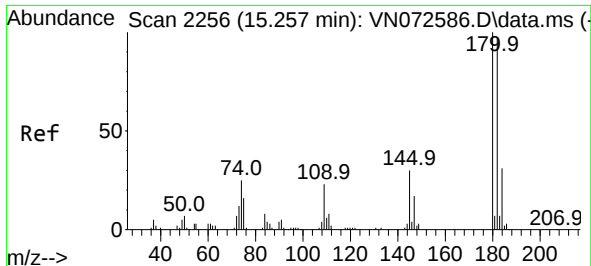
Ion Ratio Lower Upper

75 100

155 63.3 44.9 134.5

157 89.6 59.0 176.8

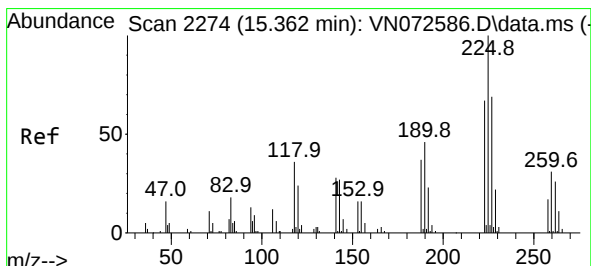
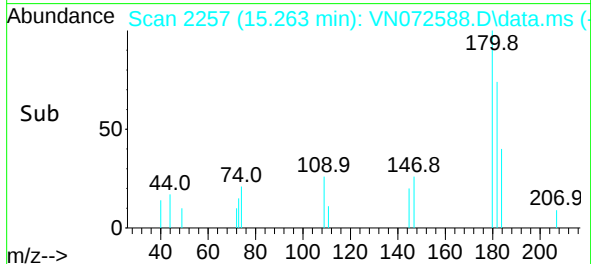
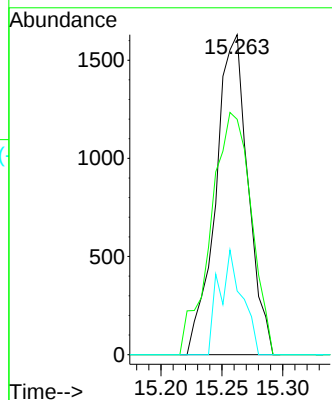
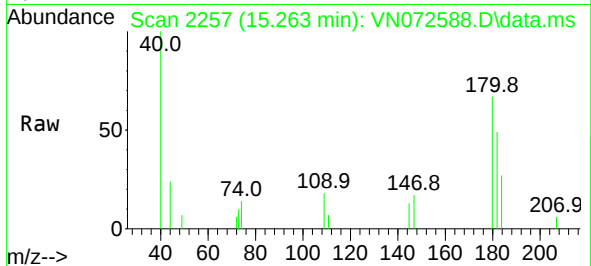




#93
 1,2,4-Trichlorobenzene
 Concen: 1.614 ug/l
 RT: 15.263 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072588.D
 Acq: 24 May 2022 15:04

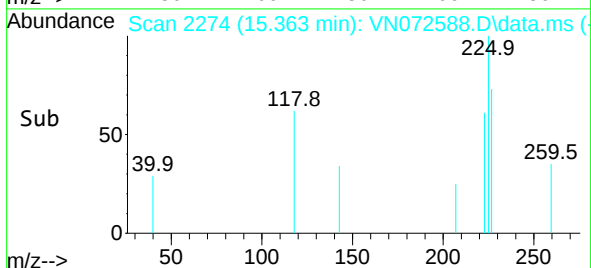
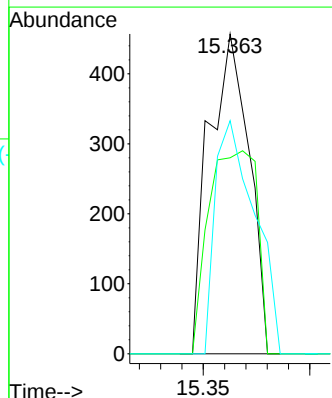
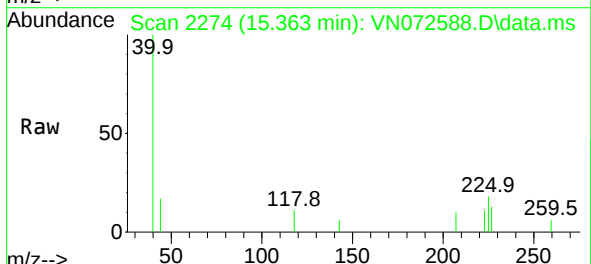
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

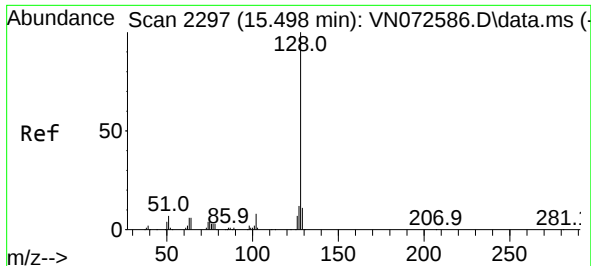
Tgt Ion:180 Resp: 3012
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.5
 145 23.4 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.543 ug/l
 RT: 15.363 min Scan# 2274
 Delta R.T. 0.001 min
 Lab File: VN072588.D
 Acq: 24 May 2022 15:04

Tgt Ion:225 Resp: 598
 Ion Ratio Lower Upper
 225 100
 223 76.8 32.4 97.2
 227 72.1 31.8 95.4

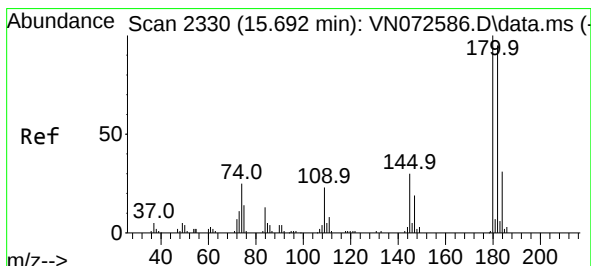
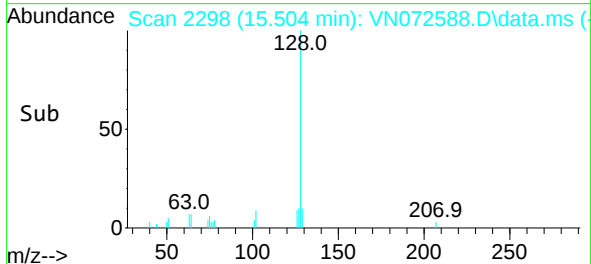
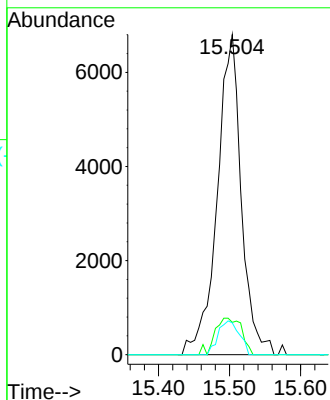
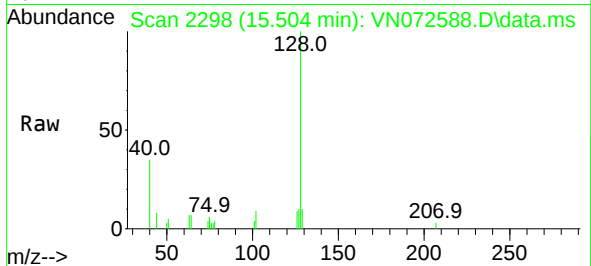




#95
Naphthalene
Concen: 2.593 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	16009
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.3 15.5
129	9.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.208 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion:180	Resp:	4412
Ion Ratio	Lower	Upper
180	100	
182	92.7	47.8 143.3
145	26.4	15.5 46.5

