

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071966.D
 Acq On : 12 Apr 2022 20:14
 Operator : JC\MD
 Sample : N2368-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 13 04:48:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

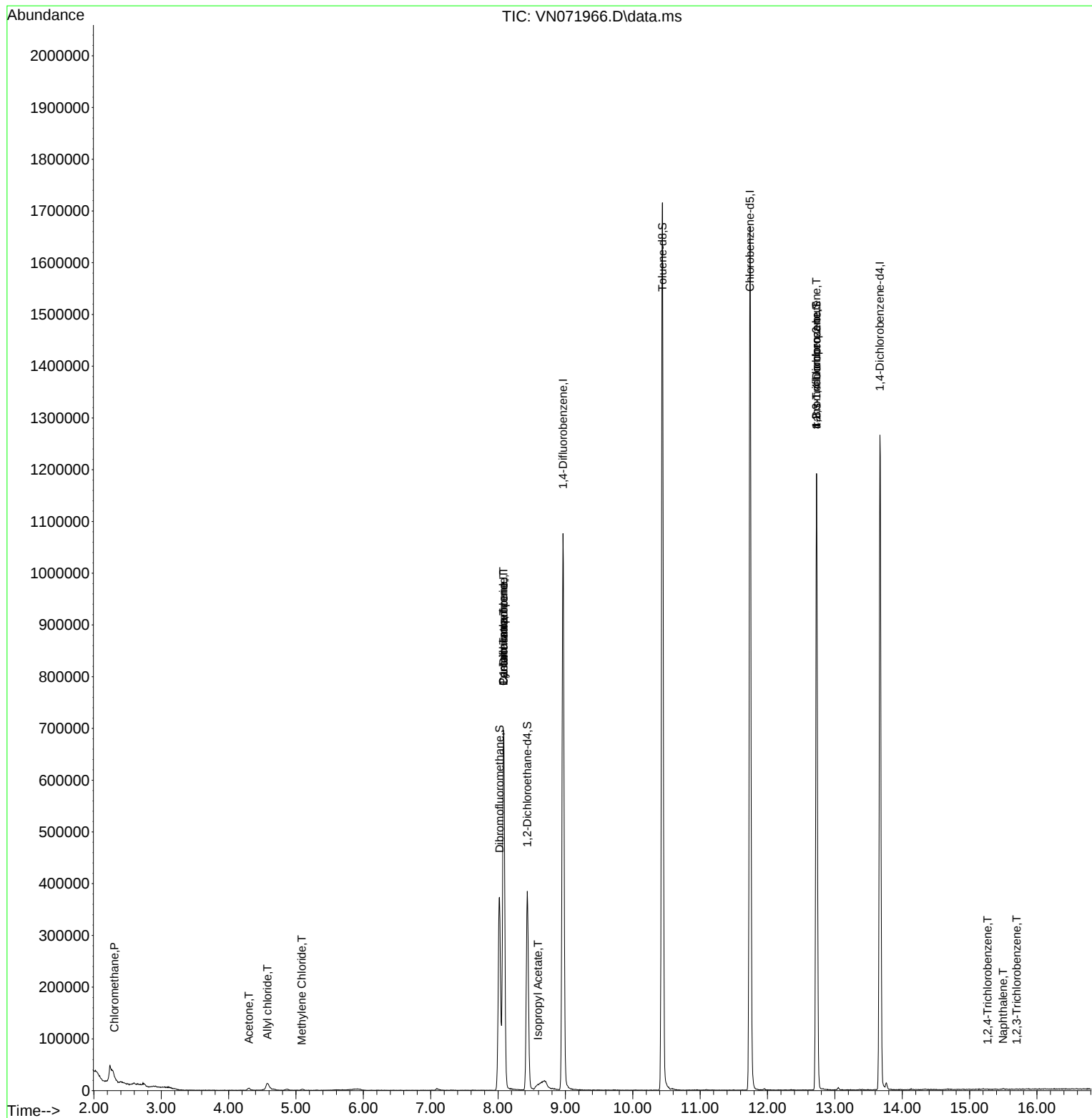
Internal Standards						
1) Pentafluorobenzene	8.081	168	586950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1010664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1053401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	381459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	314984	47.007	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.020%	
35) Dibromofluoromethane	8.022	113	286237	48.130	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	96.260%	
50) Toluene-d8	10.439	98	1256742	51.657	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	103.320%	
62) 4-Bromofluorobenzene	12.727	95	429412	54.575	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	109.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2740	0.463	ug/l	89
14) Allyl chloride	4.575	41	2003	0.255	ug/l #	68
16) Acetone	4.299	43	4522	1.579	ug/l	96
18) Methyl Acetate	4.869	43	4667	Below Cal		97
20) Methylene Chloride	5.087	84	1676	0.278	ug/l #	84
31) Cyclohexane	8.081	56	8813	0.967	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	39115	4.710	ug/l #	48
38) Carbon Tetrachloride	8.081	117	52924	6.502	ug/l #	16
43) Isopropyl Acetate	8.592	43	8949	0.592	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	204608	23.154	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	204608	71.754	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	326	2.137	ug/l #	33
95) Naphthalene	15.498	128	2051	3.912	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	115	2.433	ug/l #	54

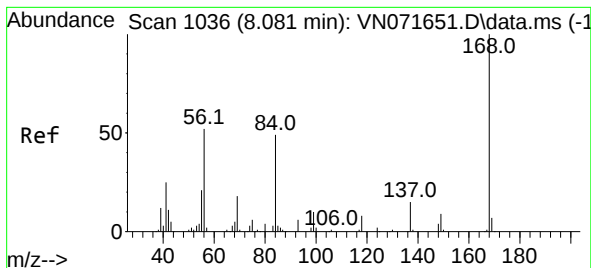
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN071966.D

Acq: 12 Apr 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

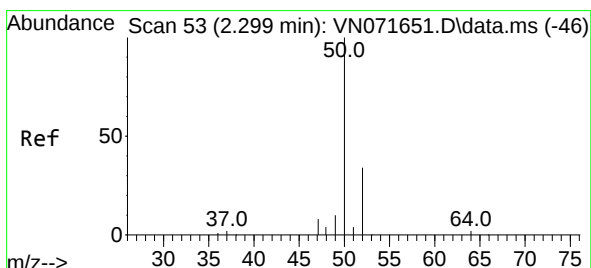
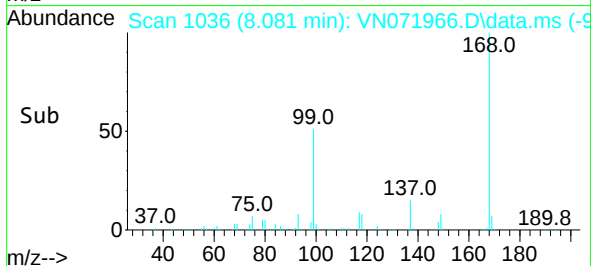
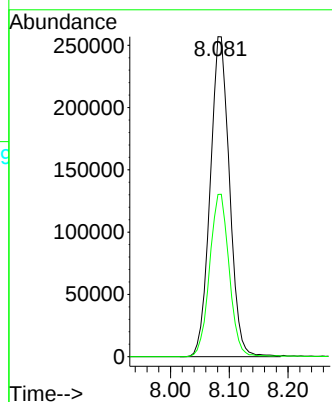
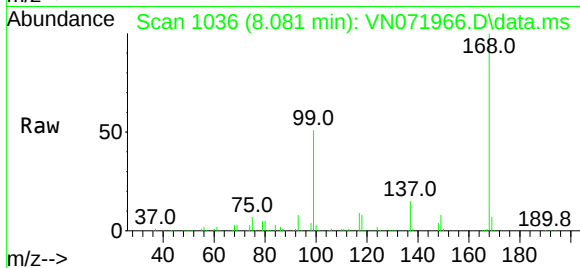
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Tgt Ion:168 Resp: 586950

Ion Ratio Lower Upper

168 100

99 50.7 42.3 63.5



#3

Chloromethane

Concen: 0.463 ug/l

RT: 2.305 min Scan# 54

Delta R.T. 0.006 min

Lab File: VN071966.D

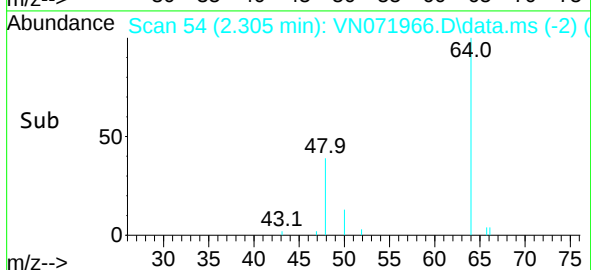
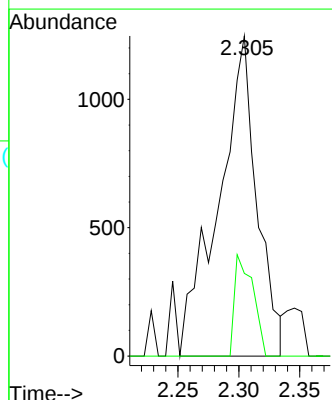
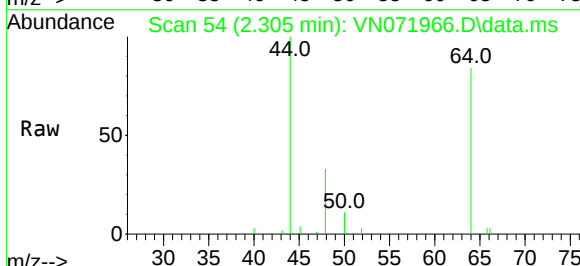
Acq: 12 Apr 2022 20:14

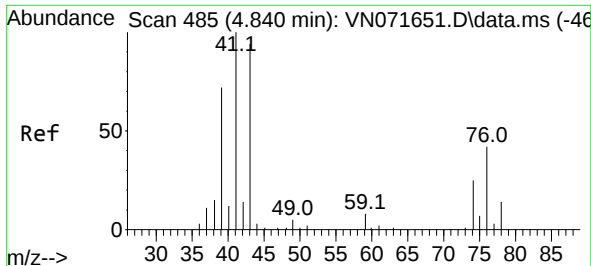
Tgt Ion: 50 Resp: 2740

Ion Ratio Lower Upper

50 100

52 25.8 25.7 38.5

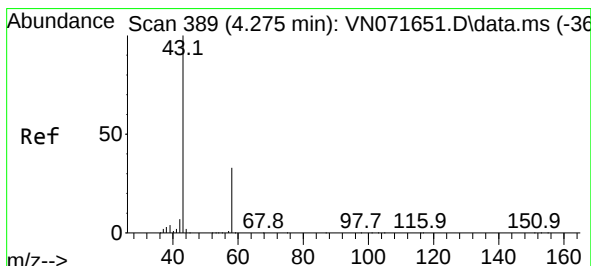
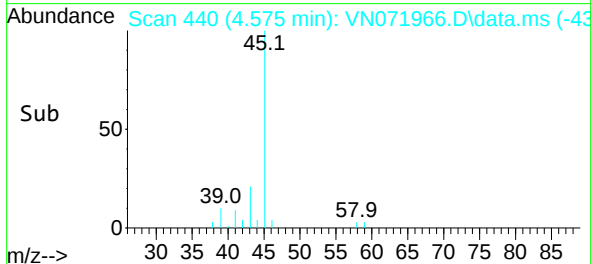
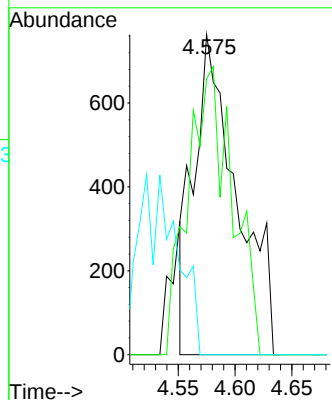
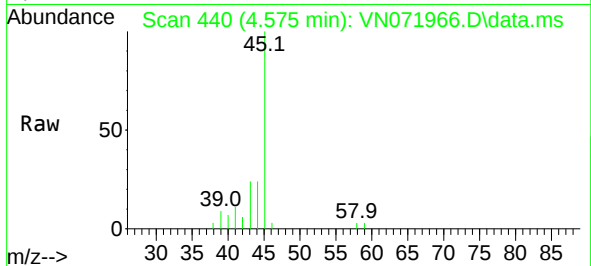




#14
 Allyl chloride
 Concen: 0.255 ug/l
 RT: 4.575 min Scan# 41
 Delta R.T. -0.265 min
 Lab File: VN071966.D
 Acq: 12 Apr 2022 20:14

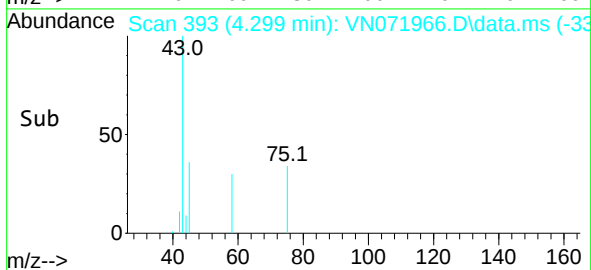
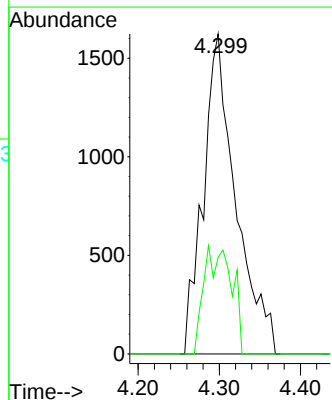
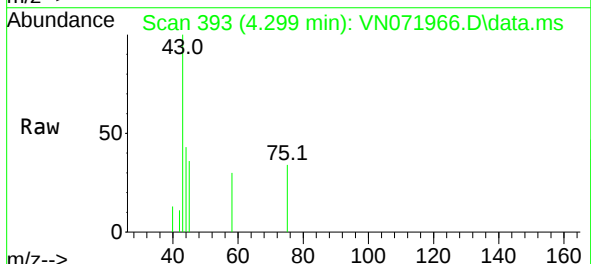
Instrument :
 MSVOA_N
 ClientSampleId :
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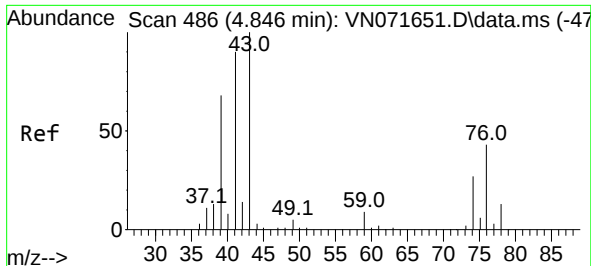
Tgt Ion: 41 Resp: 2003
 Ion Ratio Lower Upper
 41 100
 39 78.6 53.2 79.8
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 1.579 ug/l
 RT: 4.299 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VN071966.D
 Acq: 12 Apr 2022 20:14

Tgt Ion: 43 Resp: 4522
 Ion Ratio Lower Upper
 43 100
 58 30.2 26.0 39.0

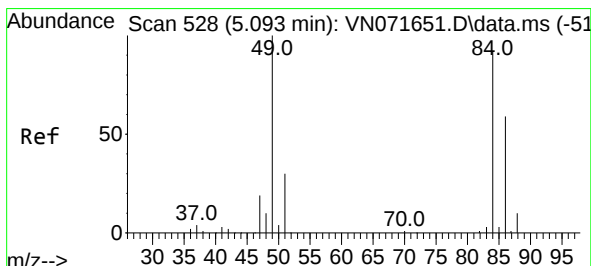
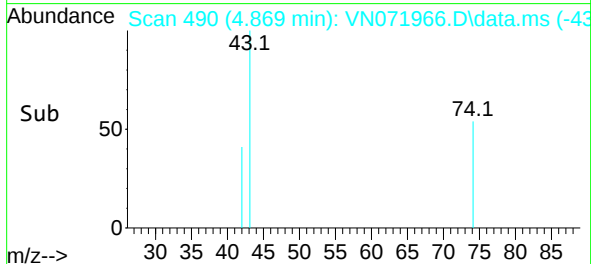
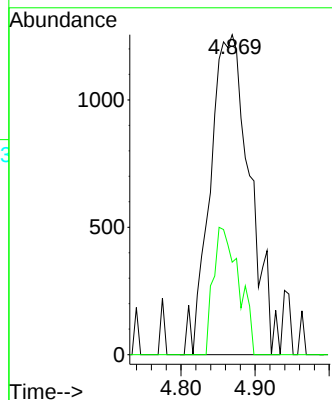
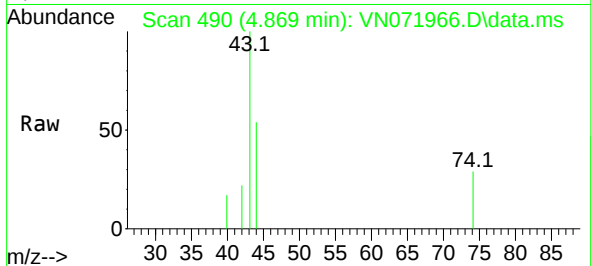




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

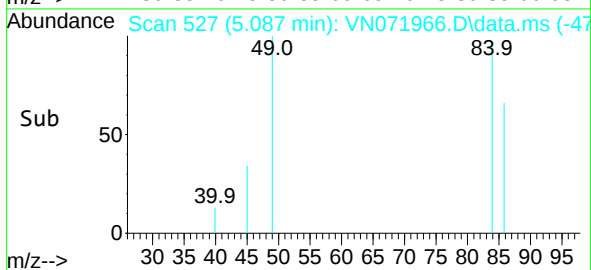
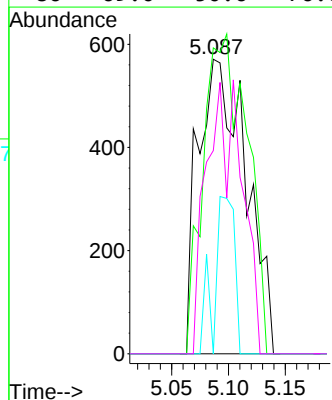
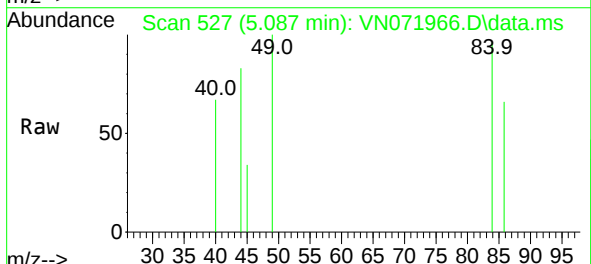
Instrument :
MSVOA_N
ClientSampleId :
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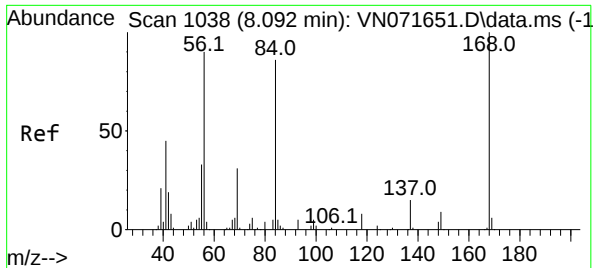
Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
74 25.6 21.6 32.4



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

Tgt Ion: 84 Resp: 1676
Ion Ratio Lower Upper
84 100
49 103.9 88.3 132.5
51 0.0 28.2 42.2#
86 69.0 50.6 76.0

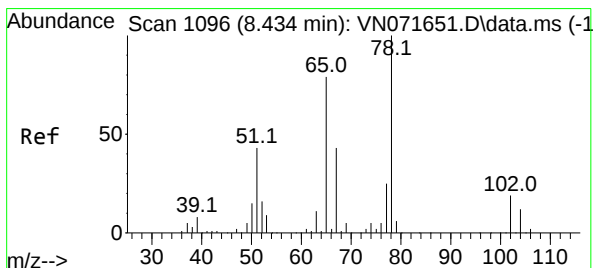
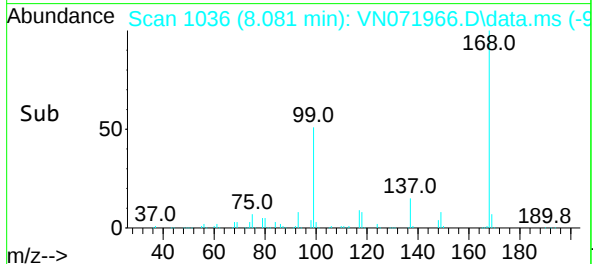
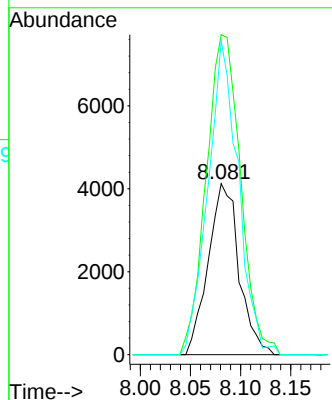
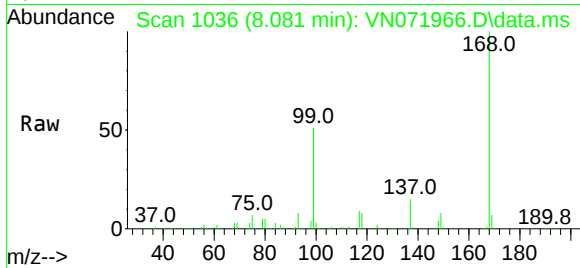




#31
Cyclohexane
Concen: 0.967 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

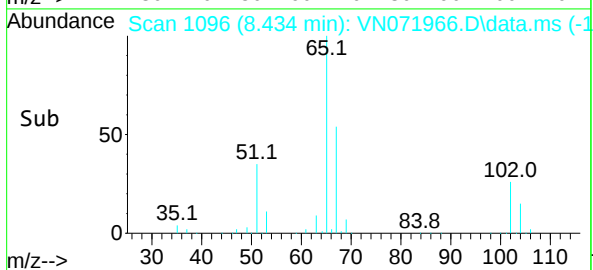
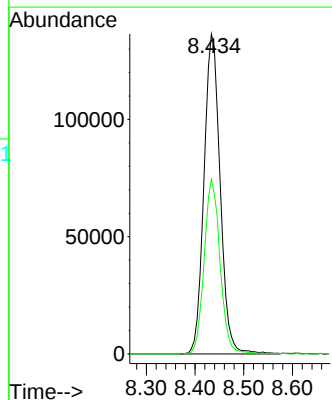
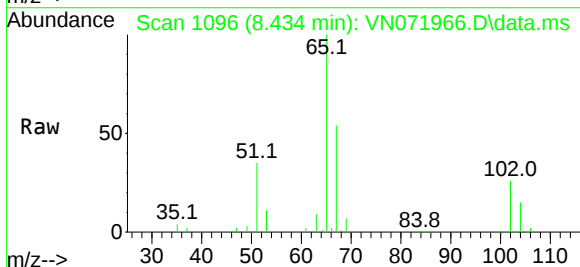
Instrument :
MSVOA_N
ClientSampleId :
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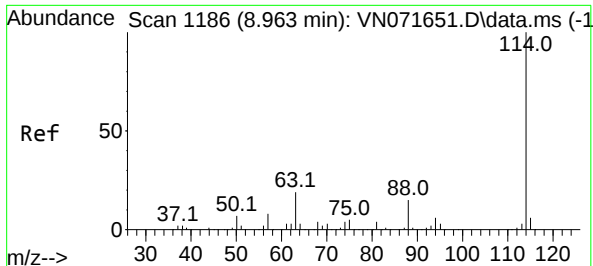
Tgt Ion: 56 Resp: 8813
Ion Ratio Lower Upper
56 100
69 187.1 27.8 41.8#
84 183.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.007 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

Tgt Ion: 65 Resp: 314984
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8

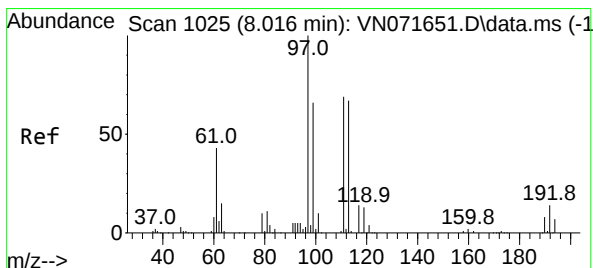
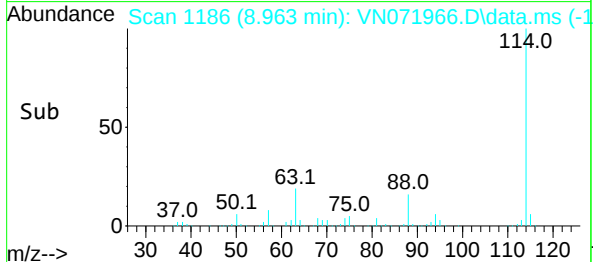
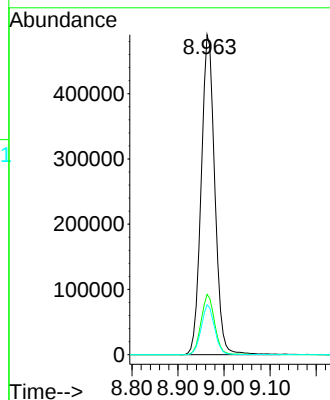
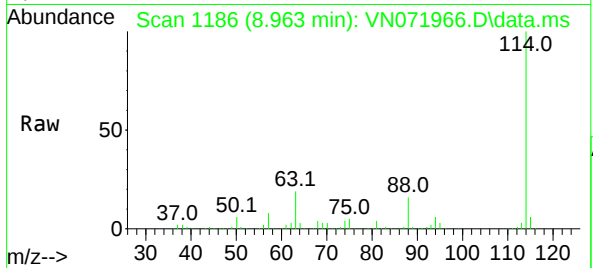




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

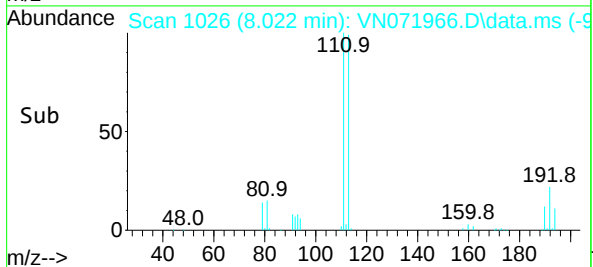
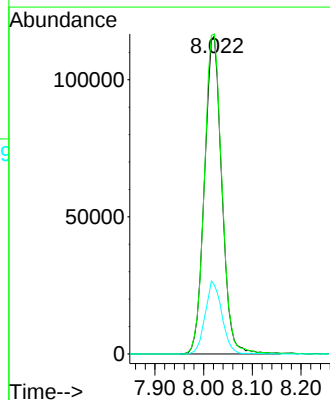
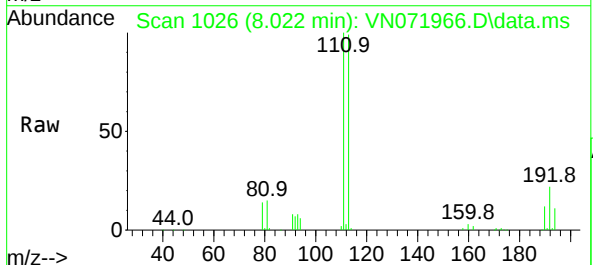
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ClientSampleId :
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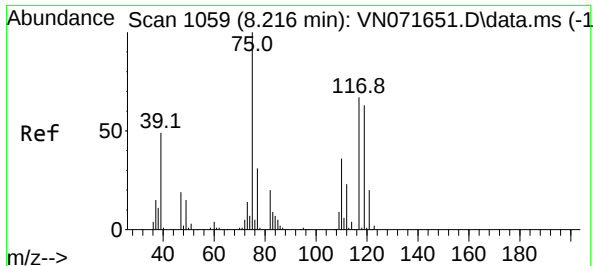
Tgt Ion:114 Resp: 1010664
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.130 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

Tgt Ion:113 Resp: 286237
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.710 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071966.D

Acq: 12 Apr 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

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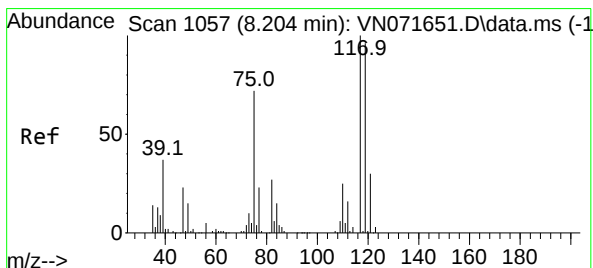
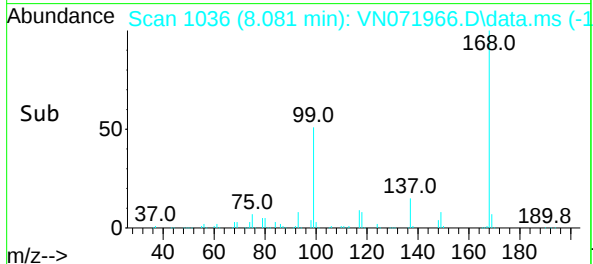
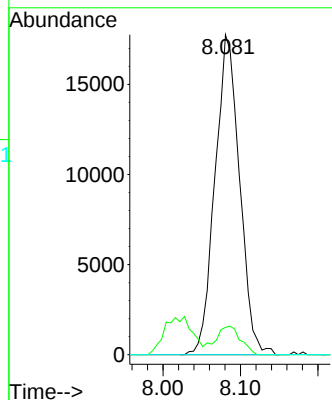
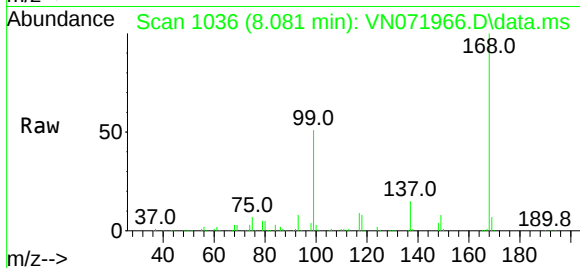
Tgt Ion: 75 Resp: 39115

Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.502 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071966.D

Acq: 12 Apr 2022 20:14

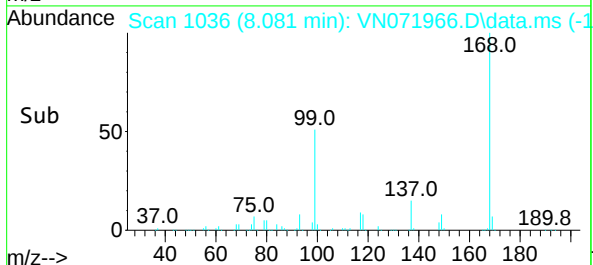
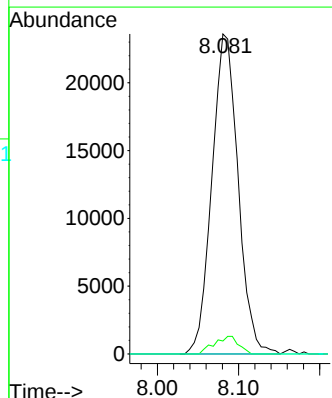
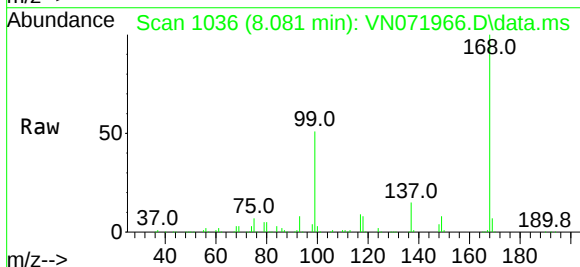
Tgt Ion: 117 Resp: 52924

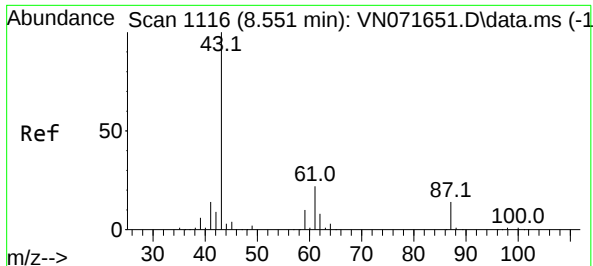
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.592 ug/l

RT: 8.592 min Scan# 1116

Delta R.T. 0.041 min

Lab File: VN071966.D

Acq: 12 Apr 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

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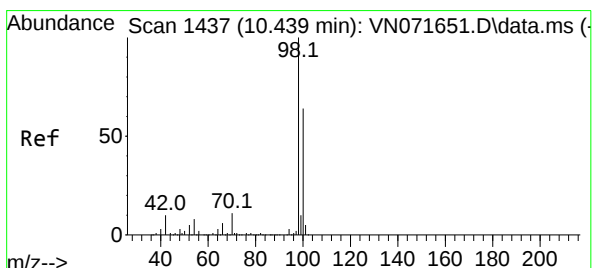
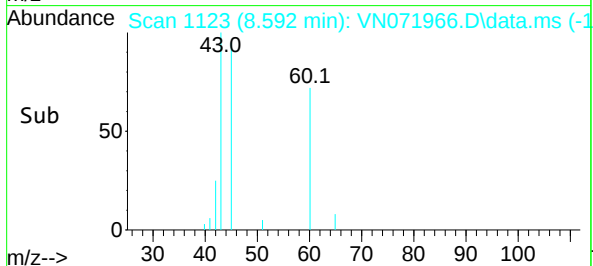
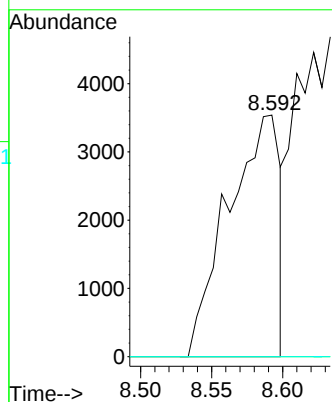
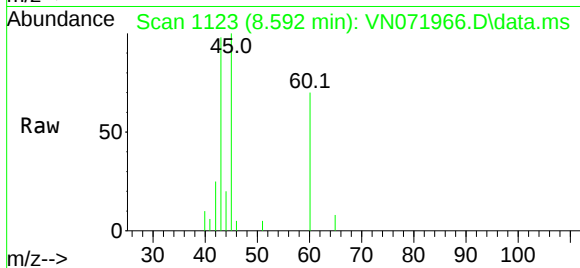
Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.657 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071966.D

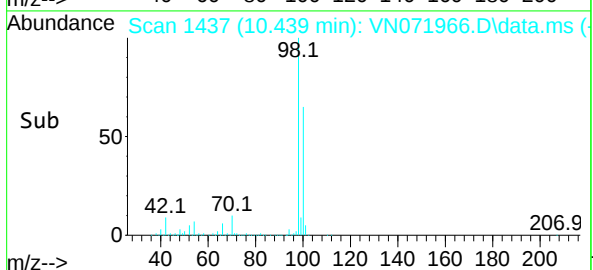
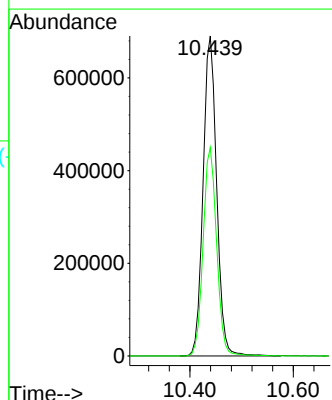
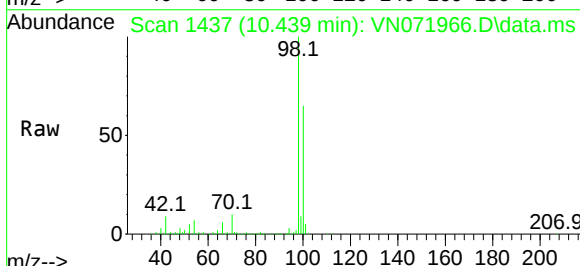
Acq: 12 Apr 2022 20:14

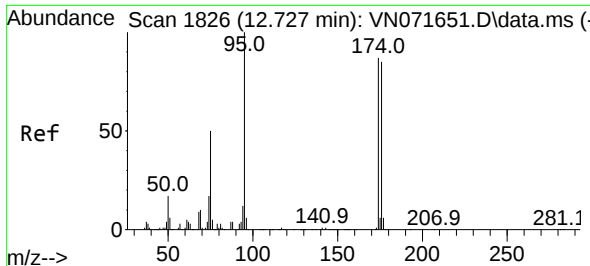
Tgt Ion: 98 Resp: 1256742

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

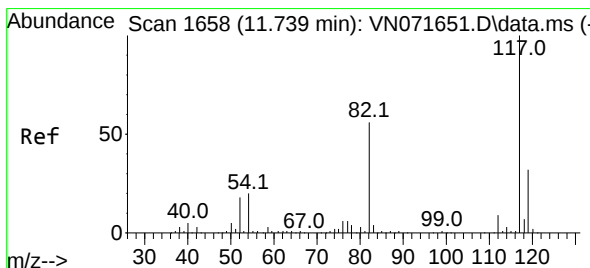
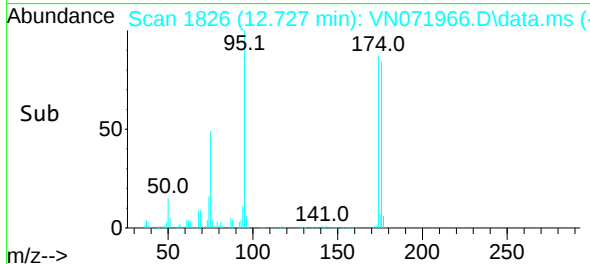
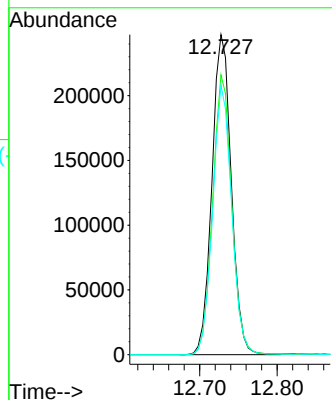
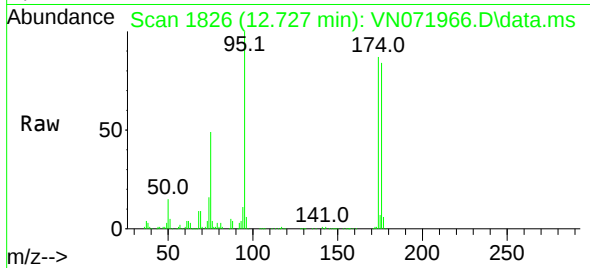




#62
4-Bromofluorobenzene
Concen: 54.575 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

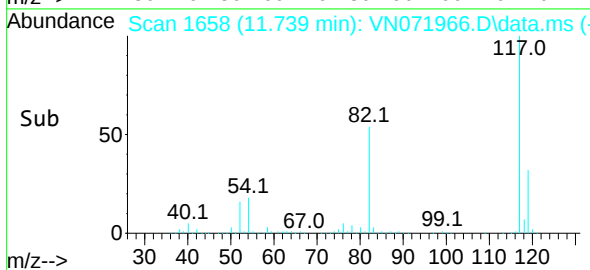
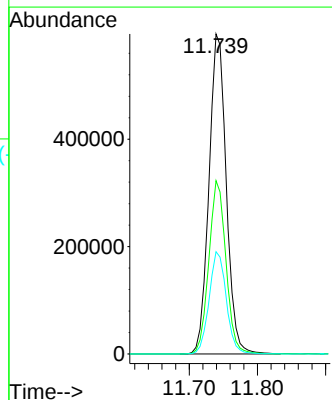
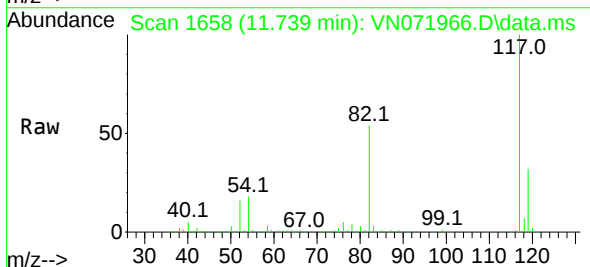
Instrument :
MSVOA_N
ClientSampleId :
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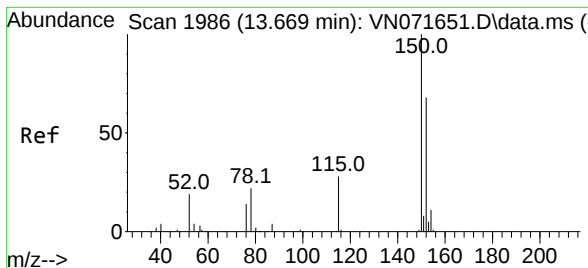
Tgt Ion: 95 Resp: 429412
Ion Ratio Lower Upper
95 100
174 86.6 0.0 167.6
176 82.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

Tgt Ion: 117 Resp: 1053401
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN071966.D

Acq: 12 Apr 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

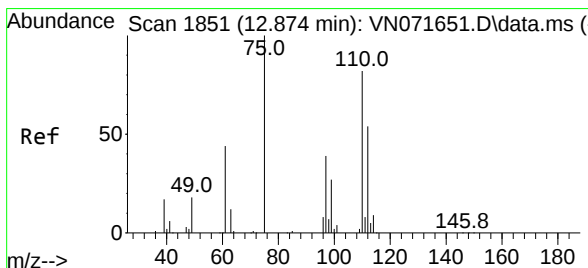
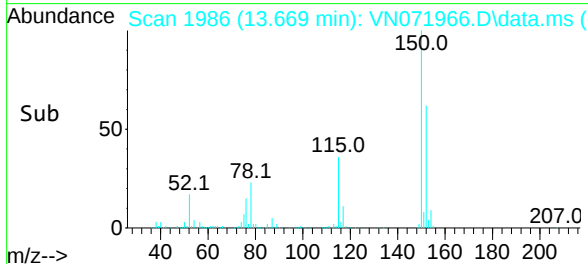
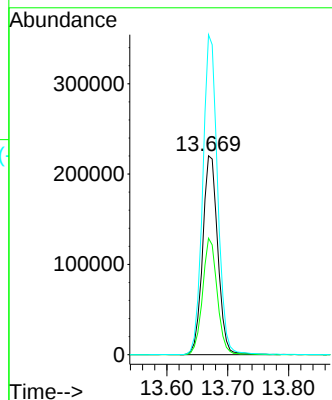
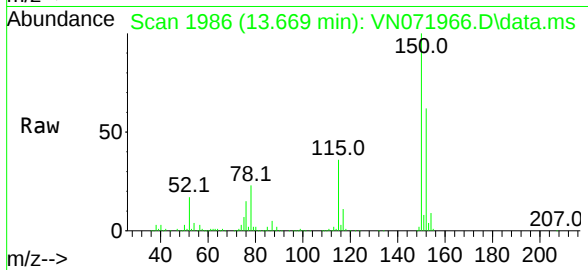
Tgt Ion:152 Resp: 381459

Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 156.9 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 23.154 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN071966.D

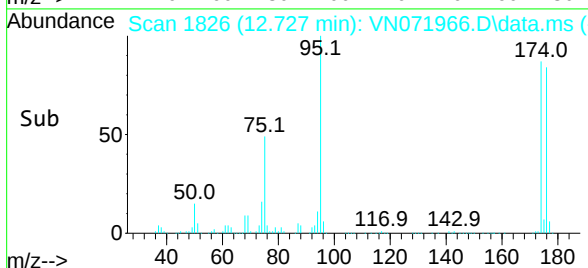
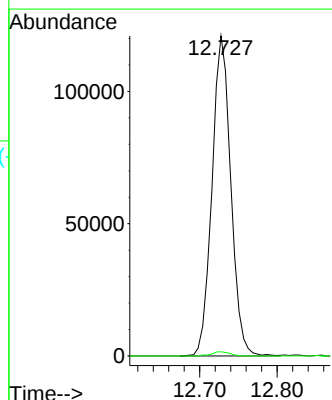
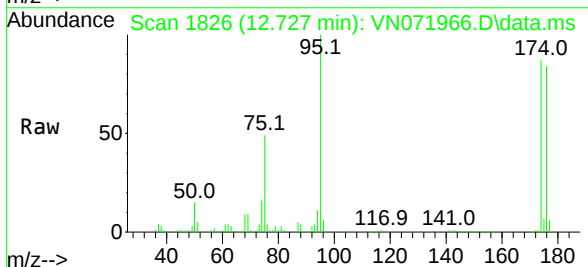
Acq: 12 Apr 2022 20:14

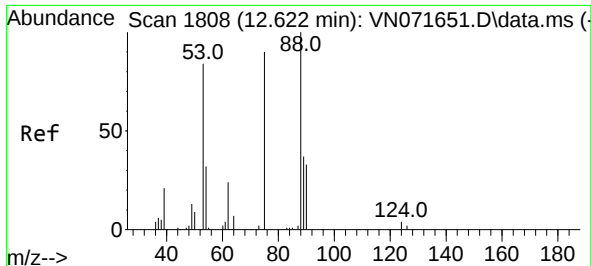
Tgt Ion: 75 Resp: 204608

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#

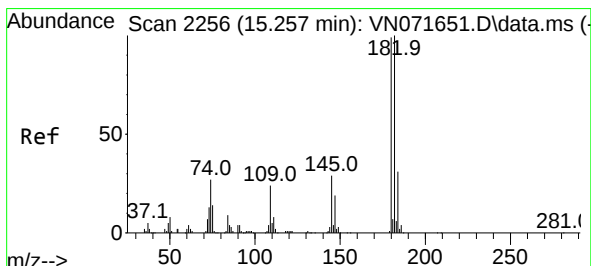
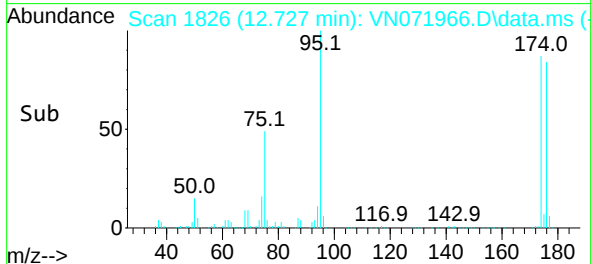
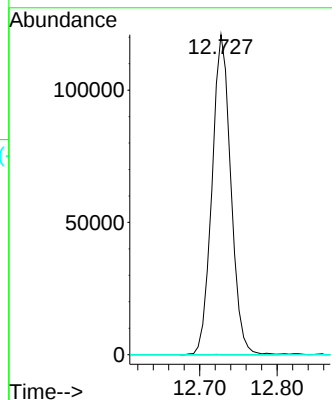
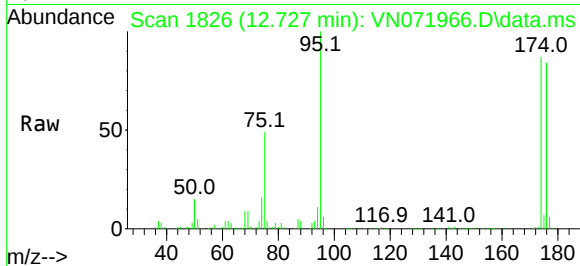




#81
trans-1,4-Dichloro-2-butene
Concen: 71.754 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

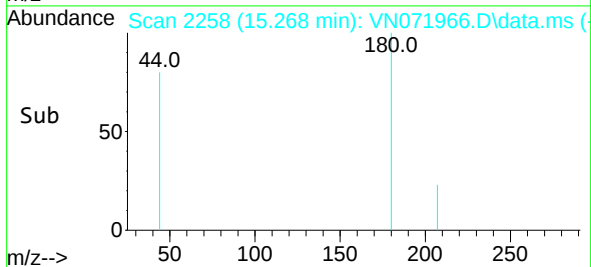
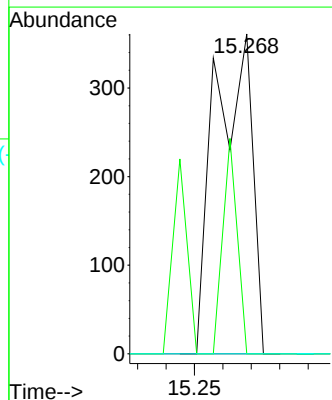
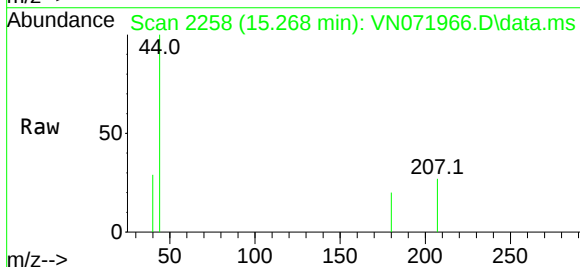
Instrument :
MSVOA_N
ClientSampleId :
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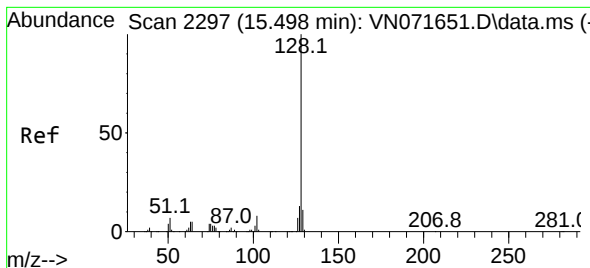
Tgt Ion: 75 Resp: 204608
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.137 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071966.D
Acq: 12 Apr 2022 20:14

Tgt Ion: 180 Resp: 326
Ion Ratio Lower Upper
180 100
182 26.4 47.5 142.5#
145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 3.912 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071966.D

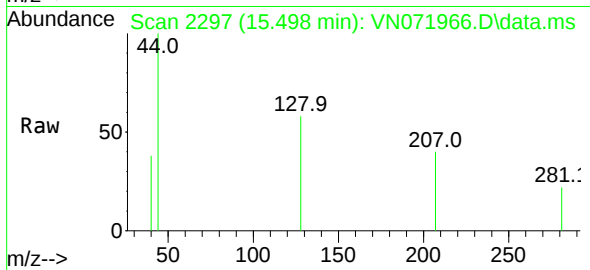
Acq: 12 Apr 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK



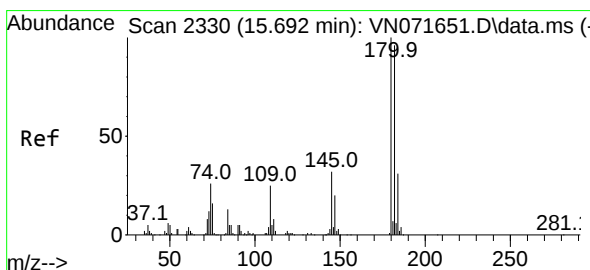
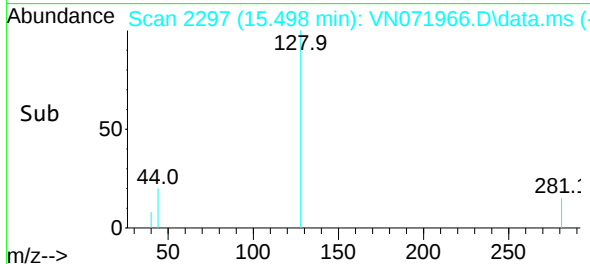
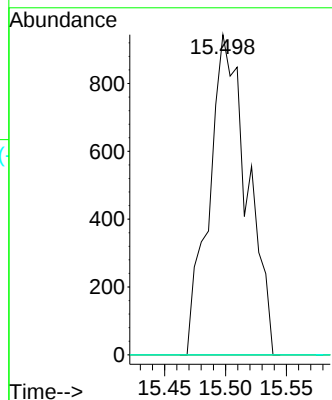
Tgt Ion:128 Resp: 2051

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.433 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN071966.D

Acq: 12 Apr 2022 20:14

Tgt Ion:180 Resp: 115

Ion Ratio Lower Upper

180 100

182 53.9 47.8 143.3

145 0.0 15.5 46.5#

