

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070809.D
 Acq On : 27 Jan 2022 16:30
 Operator : JC/MD
 Sample : N1217-06ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-72017ME

Quant Time: Jan 28 00:37:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

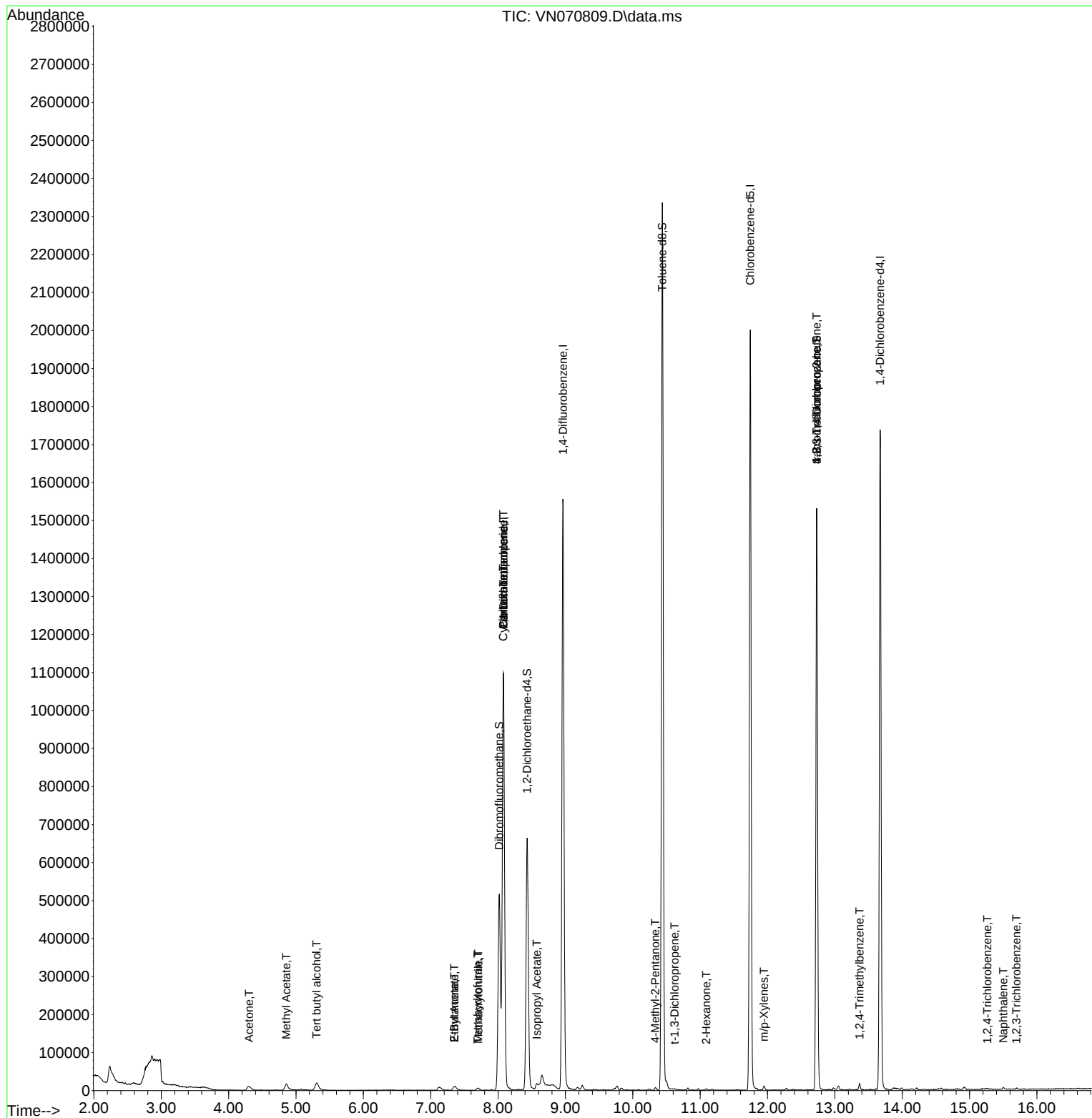
Internal Standards						
1) Pentafluorobenzene	8.080	168	833761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	1355974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1141148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	476668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	588507	49.251	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.500%
35) Dibromofluoromethane	8.016	113	389847	46.349	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.700%
50) Toluene-d8	10.438	98	1644423	46.408	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.731	95	545326	43.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.304	59	21210	9.839	ug/l	# 71
16) Acetone	4.304	43	19704	2.376	ug/l	98
18) Methyl Acetate	4.857	43	38725	2.374	ug/l	# 88
25) 2-Butanone	7.351	43	21032	2.015	ug/l	97
29) Tetrahydrofuran	7.697	42	5513	0.863	ug/l	# 68
30) Chloroform	7.812	83	927	Below Cal		84
31) Cyclohexane	8.075	56	19560	0.930	ug/l	# 12
36) 1,1-Dichloropropene	8.080	75	70409	4.972	ug/l	# 49
37) Ethyl Acetate	7.351	43	21032	1.119	ug/l	# 68
38) Carbon Tetrachloride	8.078	117	86482	6.865	ug/l	# 17
41) Methacrylonitrile	7.707	41	2853	0.298	ug/l	# 33
43) Isopropyl Acetate	8.574	43	12163	0.424	ug/l	# 55
51) 4-Methyl-2-Pentanone	10.336	43	5576	0.304	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	26	2.405	ug/l	# 43
59) 2-Hexanone	11.092	43	2947	0.221	ug/l	81
68) m/p-Xylenes	11.948	106	3377	0.203	ug/l	93
76) 1,2,3-Trichloropropane	12.731	75	295390	23.365	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	295390	69.608	ug/l	# 5
84) 1,2,4-Trimethylbenzene	13.366	105	9444	0.269	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	1073	3.539	ug/l	68
95) Naphthalene	15.501	128	5542	5.151	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.697	180	999	3.327	ug/l	91

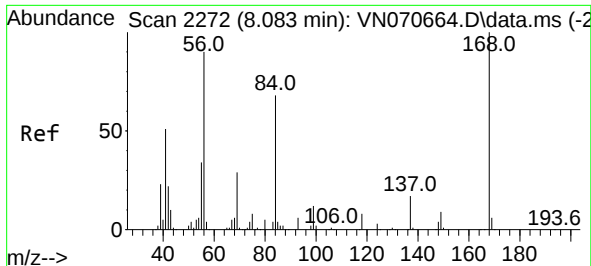
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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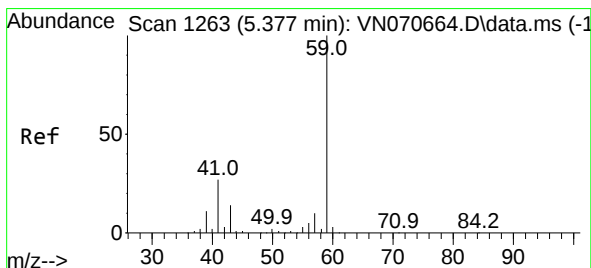
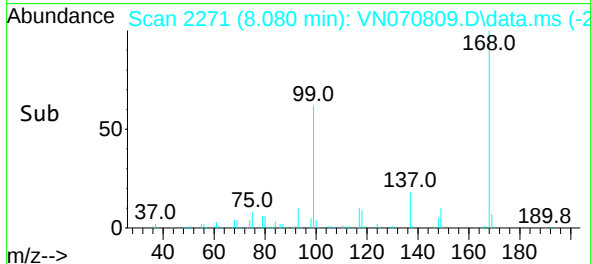
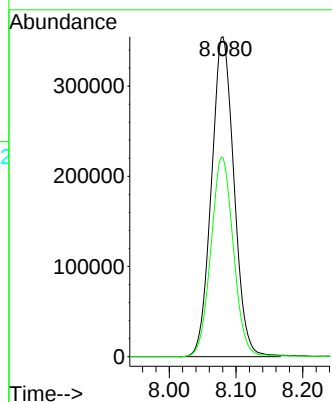
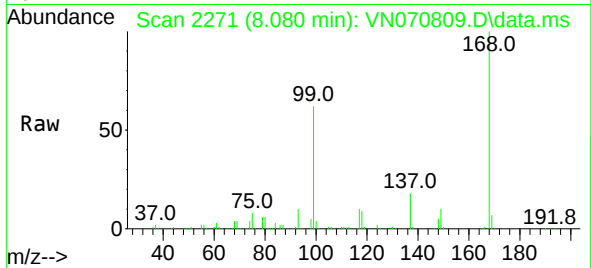




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

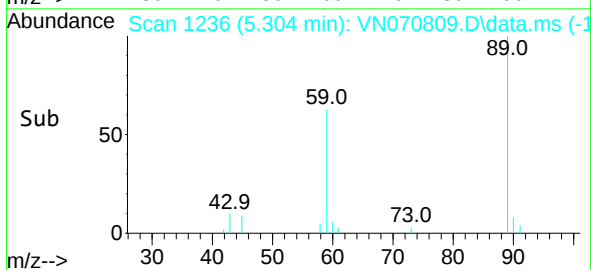
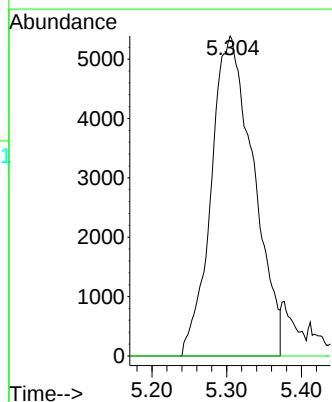
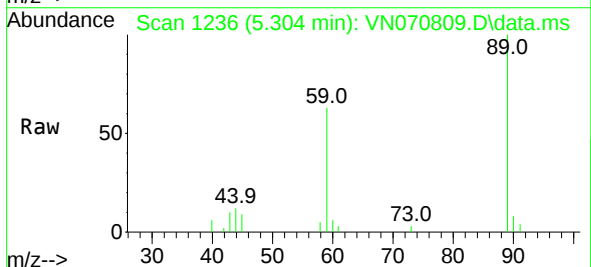
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

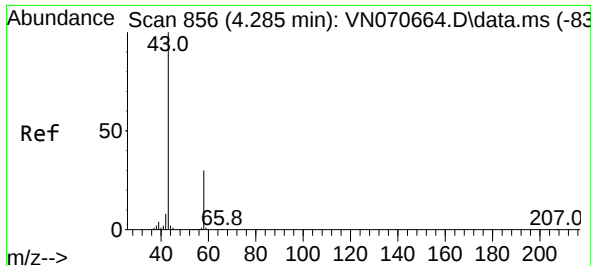
Tgt Ion:168 Resp: 833761
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9#



#11
Tert butyl alcohol
Concen: 9.839 ug/l
RT: 5.304 min Scan# 1236
Delta R.T. -0.073 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 59 Resp: 21210
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

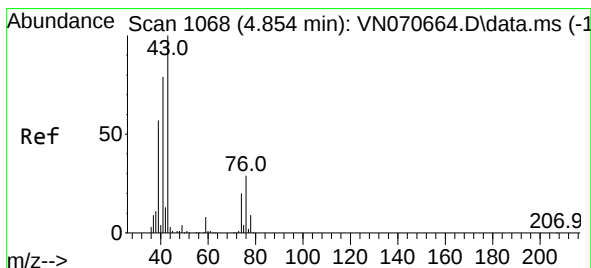
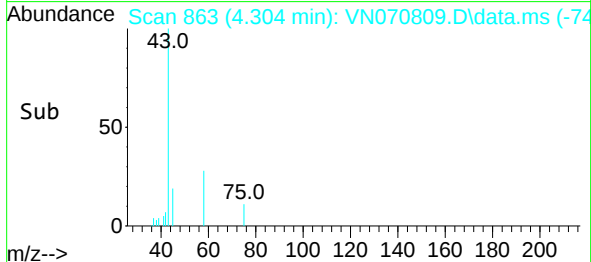
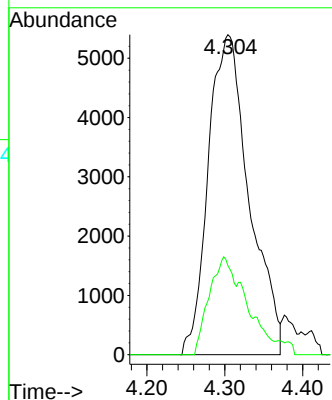
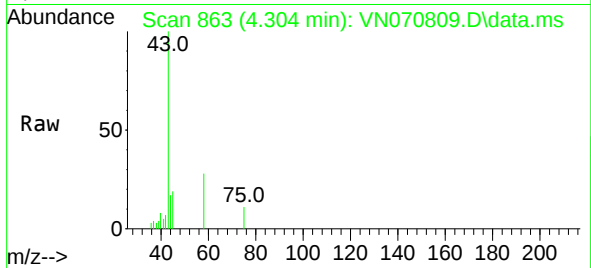




#16
Acetone
Concen: 2.376 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

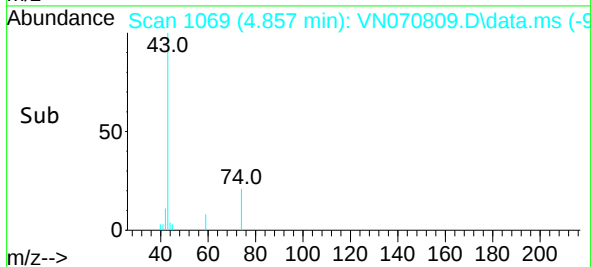
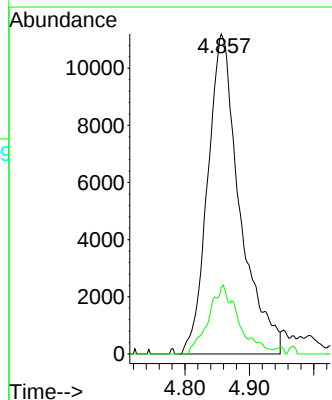
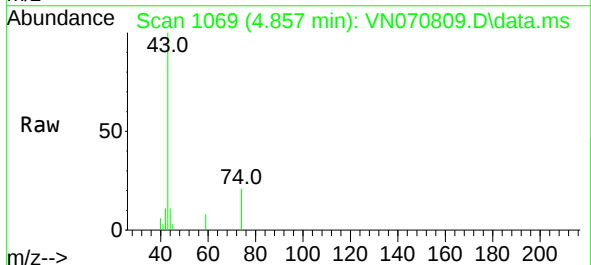
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

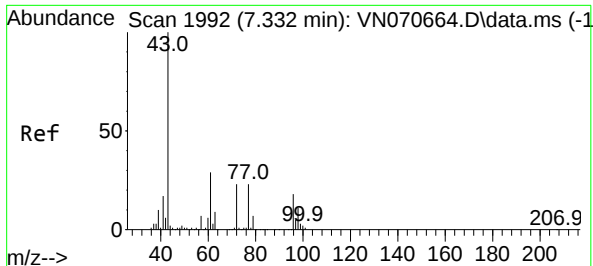
Tgt Ion: 43 Resp: 19704
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7



#18
Methyl Acetate
Concen: 2.374 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 43 Resp: 38725
Ion Ratio Lower Upper
43 100
74 18.2 19.4 29.2#





#25

2-Butanone

Concen: 2.015 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.019 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

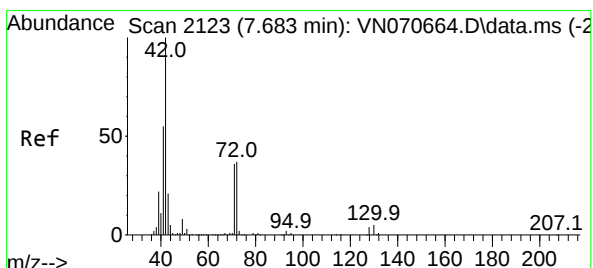
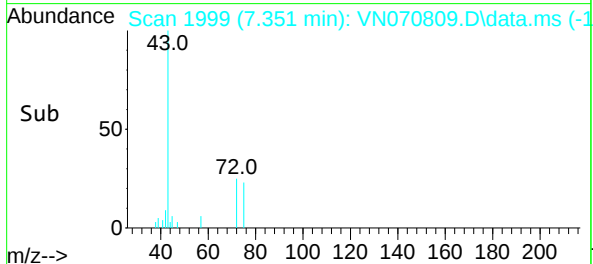
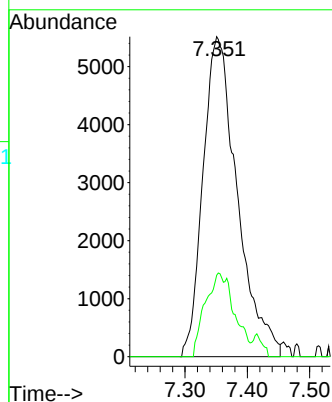
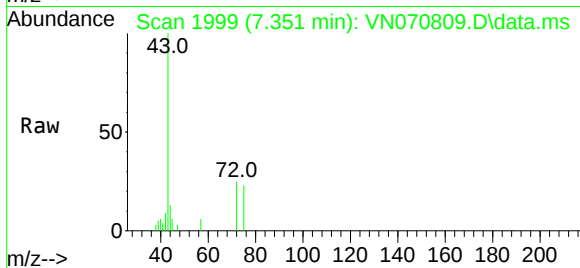
72-72017ME

Tgt Ion: 43 Resp: 21032

Ion Ratio Lower Upper

43 100

72 25.4 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.863 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

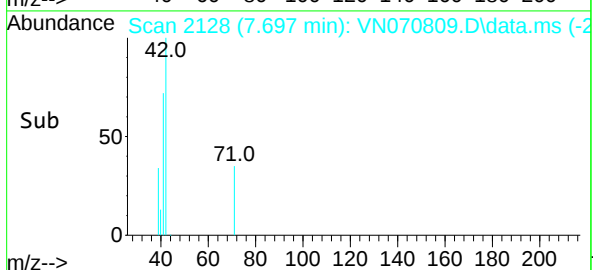
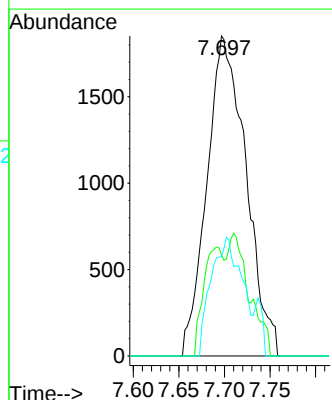
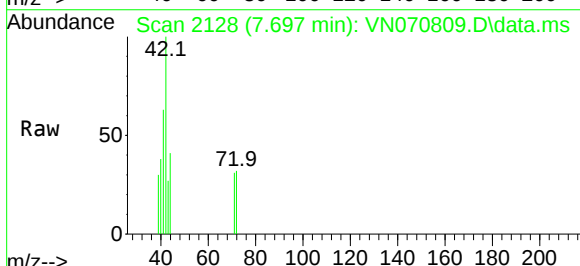
Tgt Ion: 42 Resp: 5513

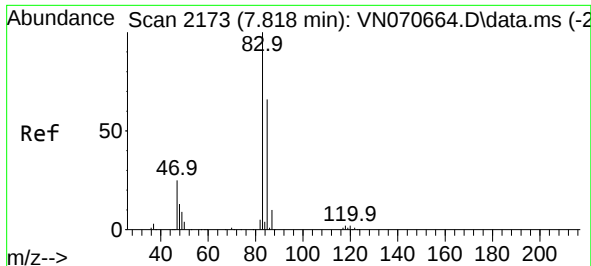
Ion Ratio Lower Upper

42 100

72 17.3 36.3 54.5#

71 29.6 34.7 52.1#





#30

Chloroform

Concen: Below Cal

RT: 7.812 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

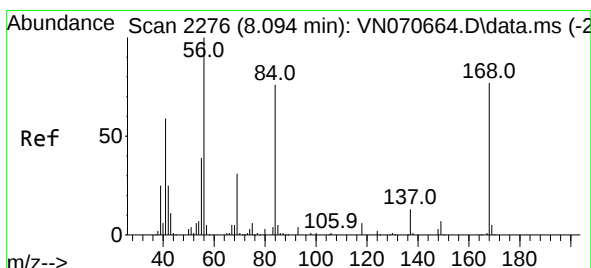
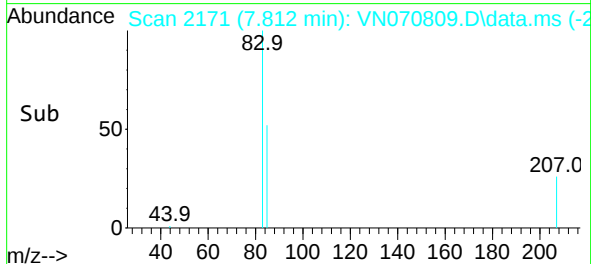
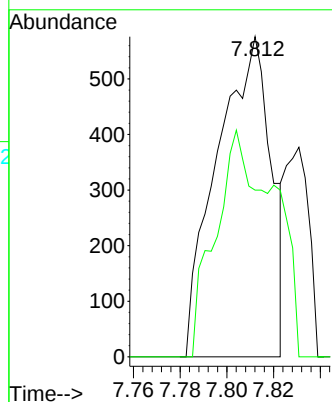
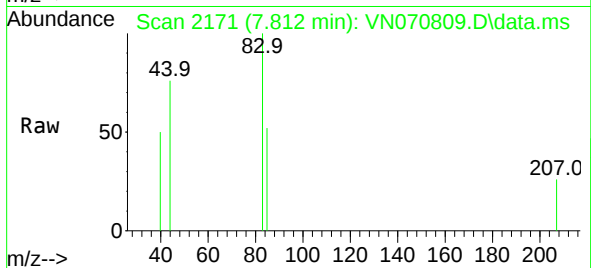
72-72017ME

Tgt Ion: 83 Resp: 927

Ion Ratio Lower Upper

83 100

85 52.1 51.9 77.9



#31

Cyclohexane

Concen: 0.930 ug/l

RT: 8.075 min Scan# 2269

Delta R.T. -0.019 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

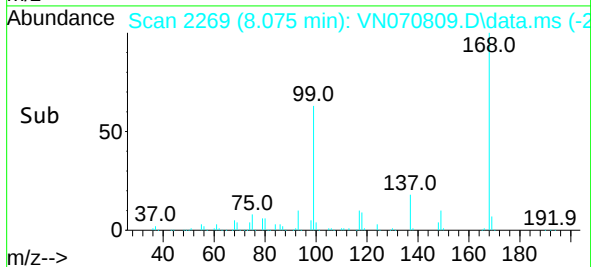
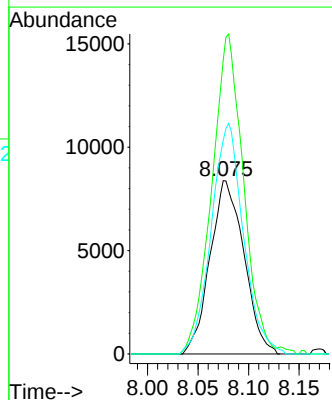
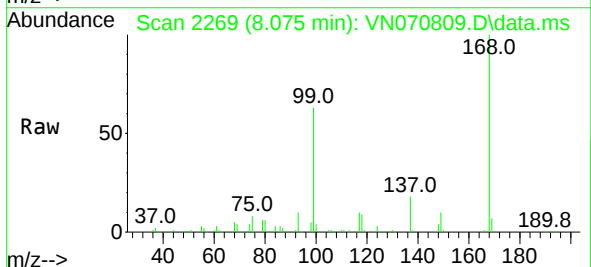
Tgt Ion: 56 Resp: 19560

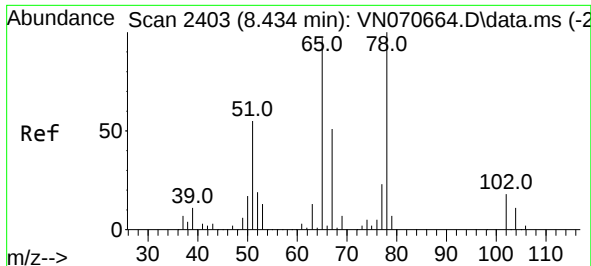
Ion Ratio Lower Upper

56 100

69 169.7 27.1 40.7#

84 123.3 73.4 110.0#

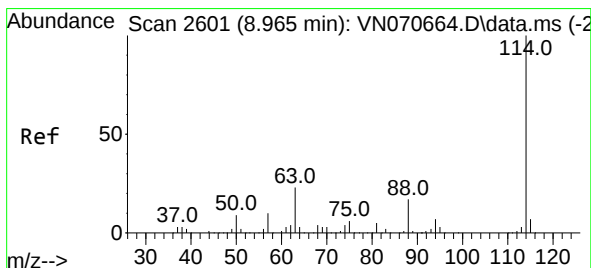
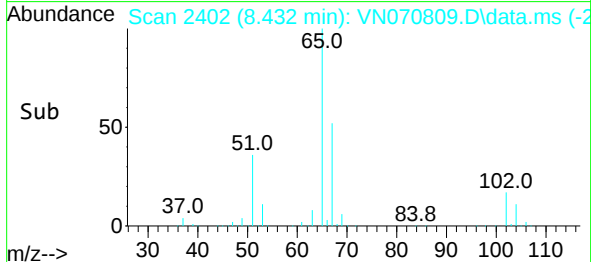
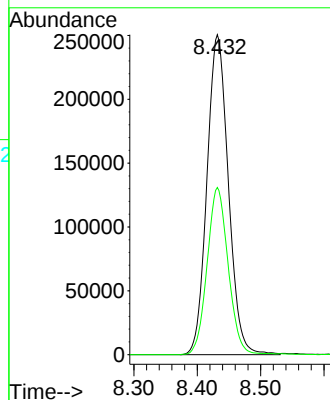
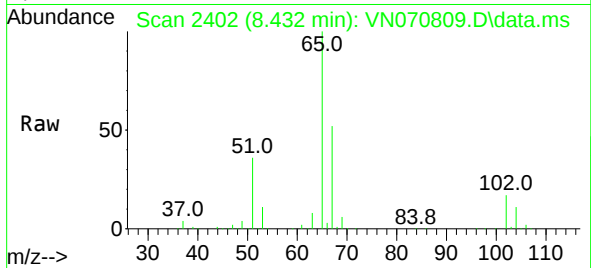




#33
 1,2-Dichloroethane-d4
 Concen: 49.251 ug/l
 RT: 8.432 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: VN070809.D
 Acq: 27 Jan 2022 16:30

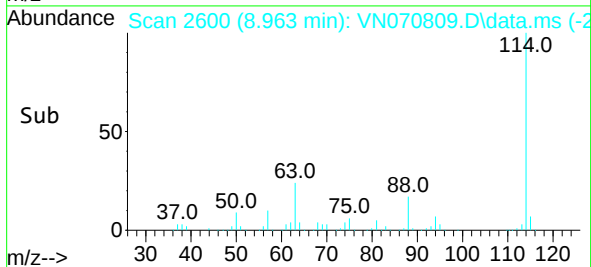
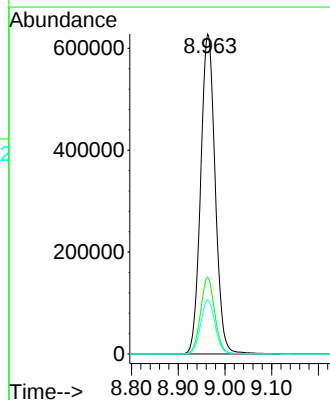
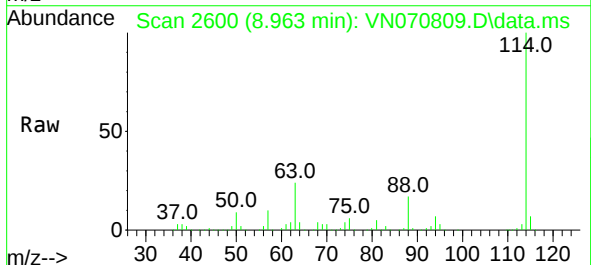
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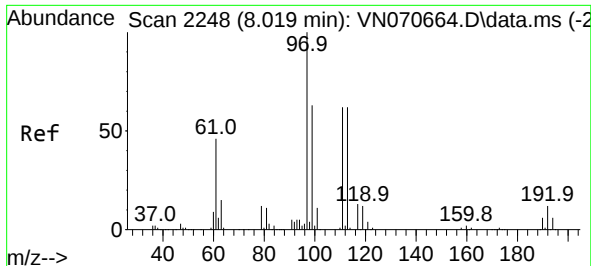
Tgt Ion: 65 Resp: 588507
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 2600
 Delta R.T. -0.002 min
 Lab File: VN070809.D
 Acq: 27 Jan 2022 16:30

Tgt Ion: 114 Resp: 1355974
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 37.8
 88 16.9 0.0 27.4

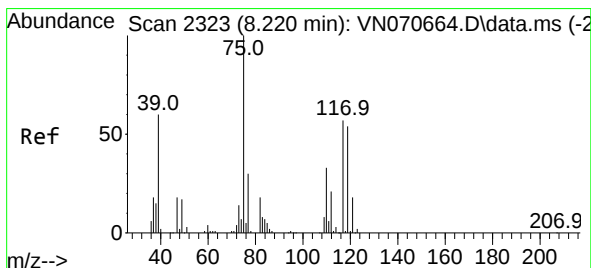
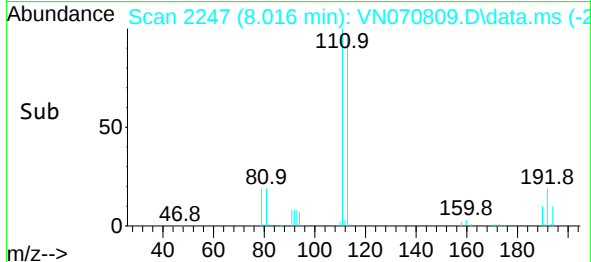
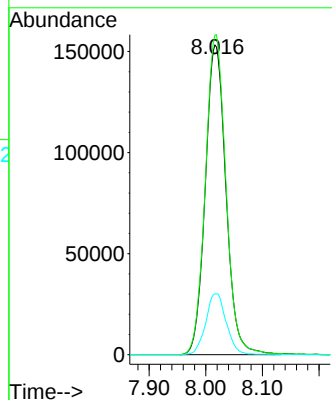
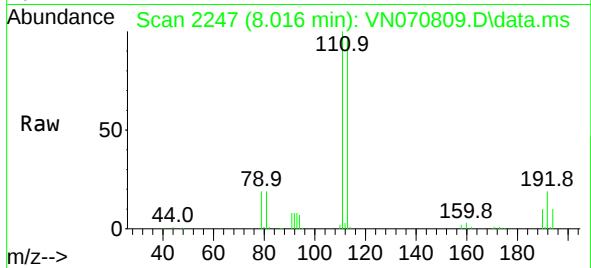




#35
Dibromofluoromethane
Concen: 46.349 ug/l
RT: 8.016 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

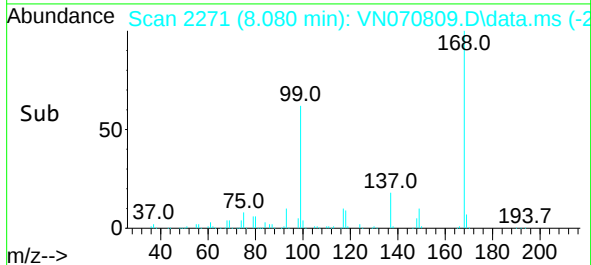
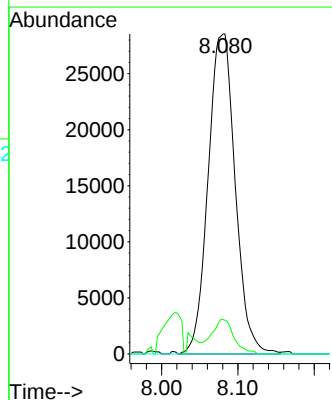
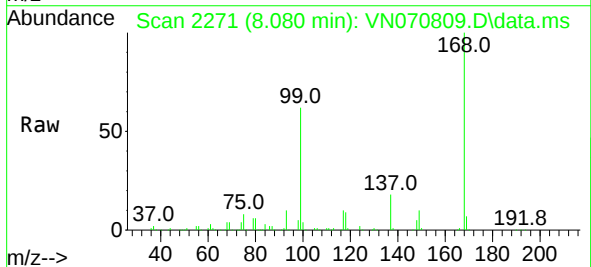
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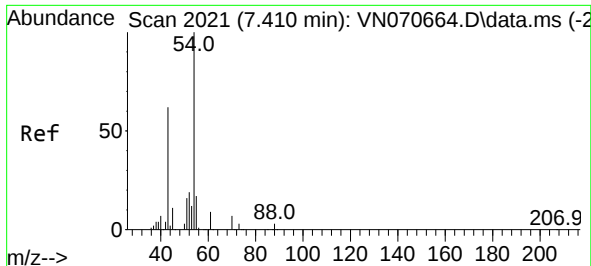
Tgt Ion:113 Resp: 389847
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.140 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 75 Resp: 70409
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.119 ug/l

RT: 7.351 min Scan# 19

Delta R.T. -0.059 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

72-72017ME

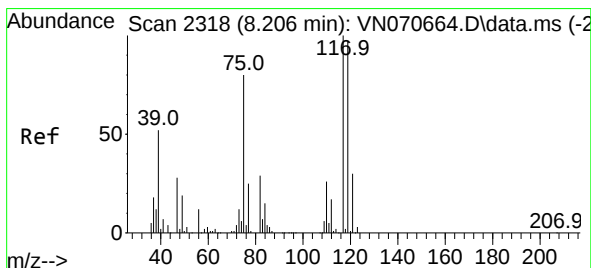
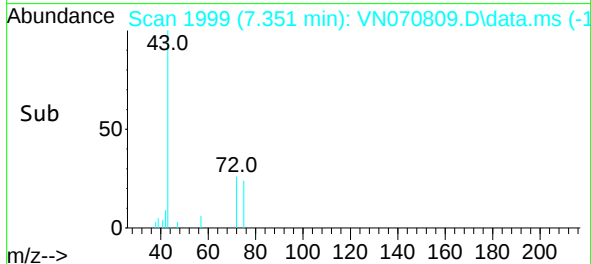
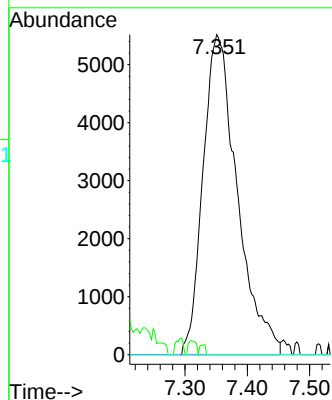
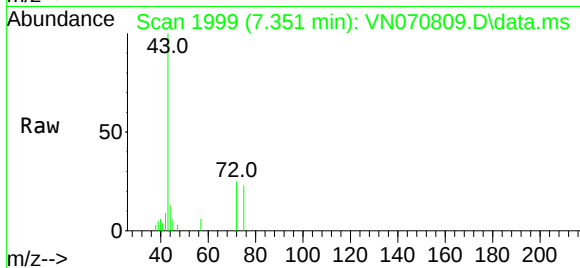
Tgt Ion: 43 Resp: 21032

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.865 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.128 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

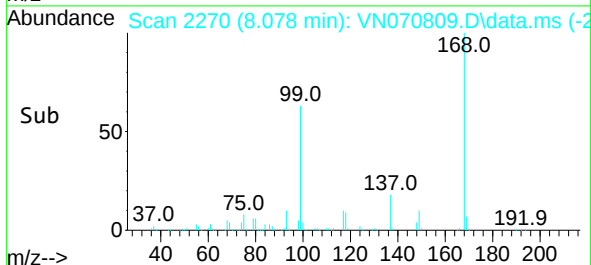
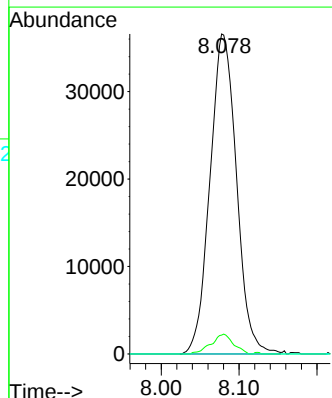
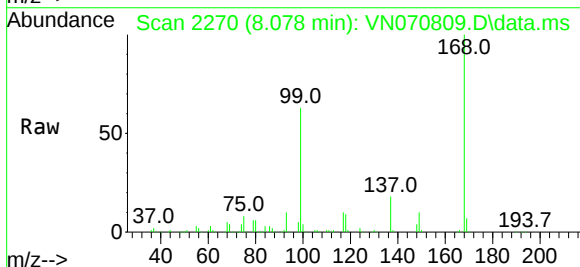
Tgt Ion: 117 Resp: 86482

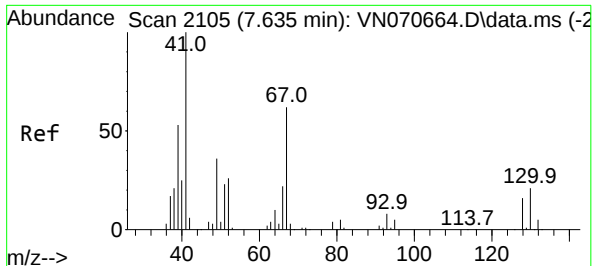
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.2 36.2#

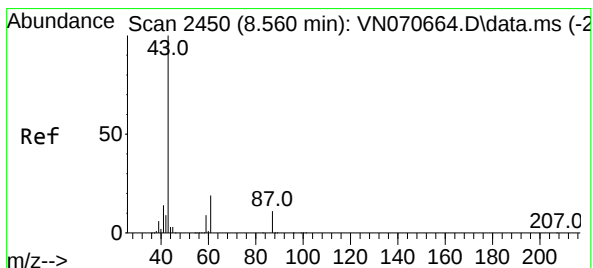
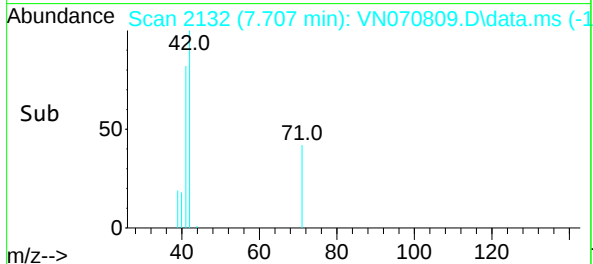
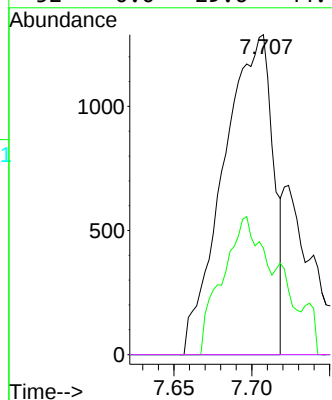
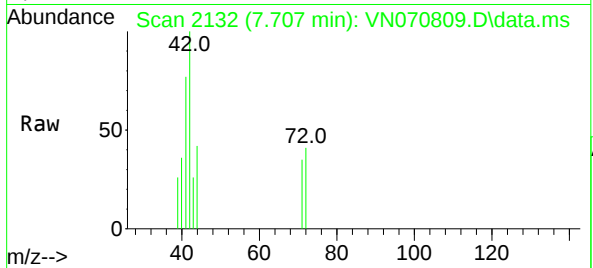




#41
Methacrylonitrile
Concen: 0.298 ug/l
RT: 7.707 min Scan# 2105
Delta R.T. 0.072 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

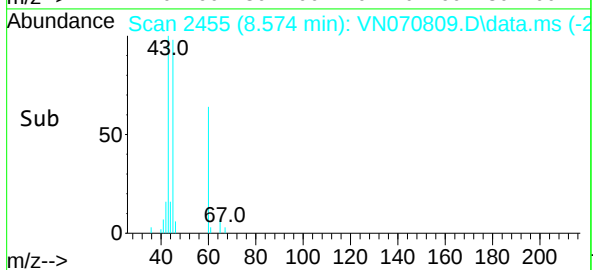
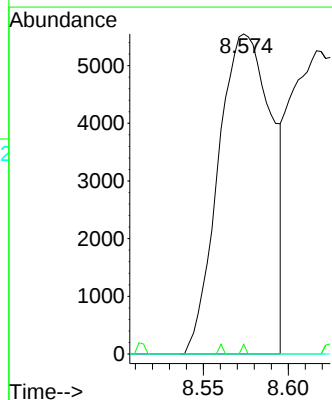
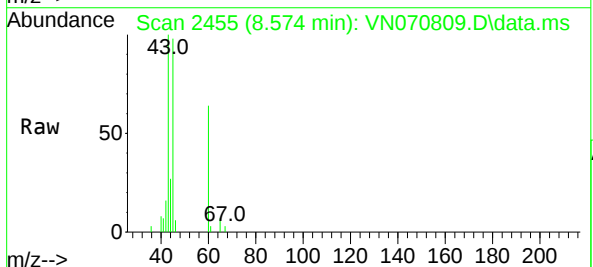
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

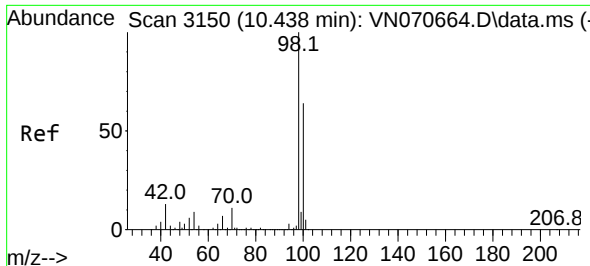
Tgt Ion:	41	Resp:	2853
Ion	Ratio	Lower	Upper
41	100		
39	36.4	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 0.424 ug/l
RT: 8.574 min Scan# 2455
Delta R.T. 0.014 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion:	43	Resp:	12163
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

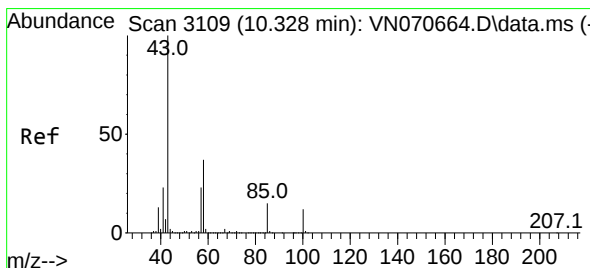
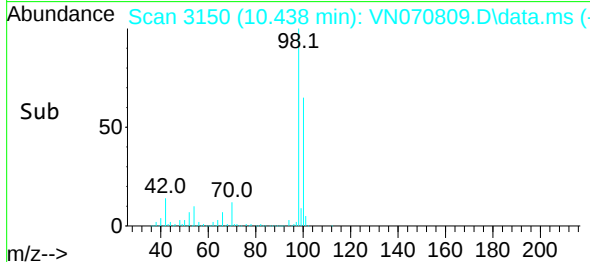
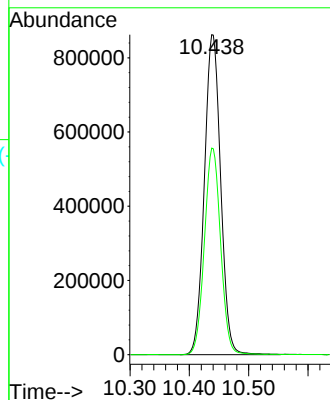
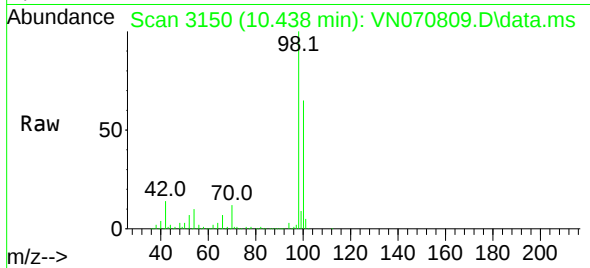




#50
Toluene-d8
Concen: 46.408 ug/l
RT: 10.438 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

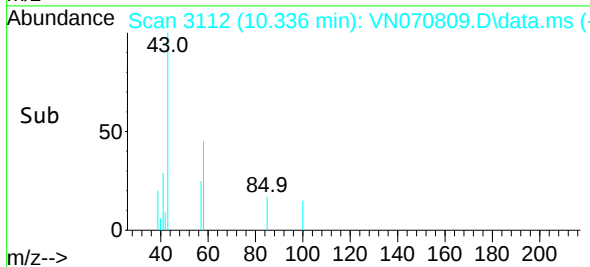
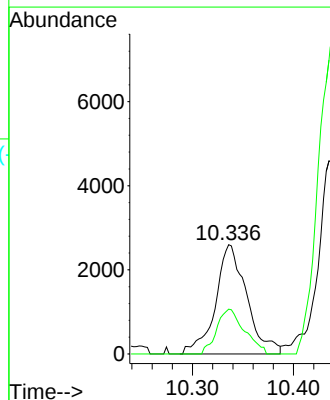
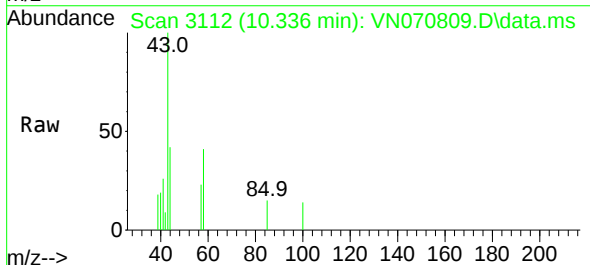
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

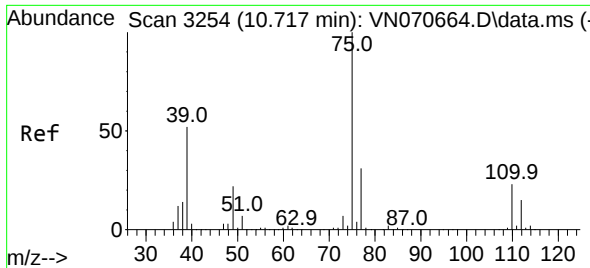
Tgt Ion: 98 Resp: 1644423
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.304 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 43 Resp: 5576
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

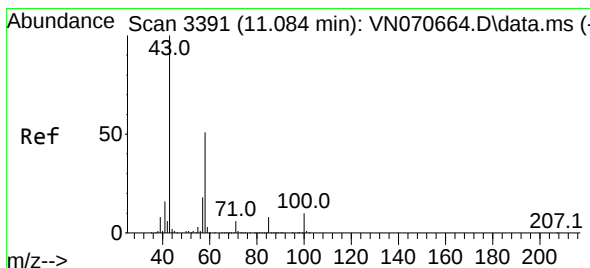
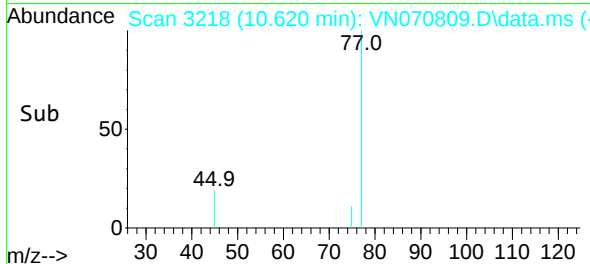
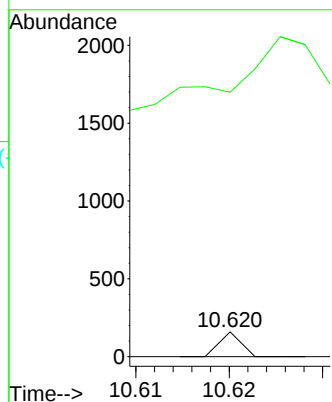
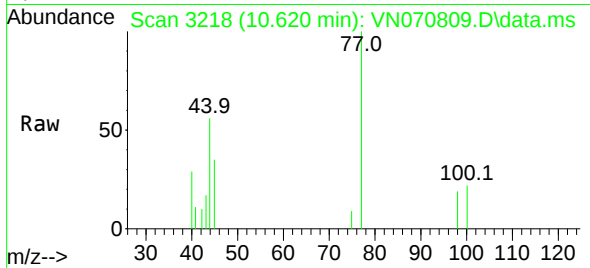




#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.620 min Scan# 31
Delta R.T. -0.097 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

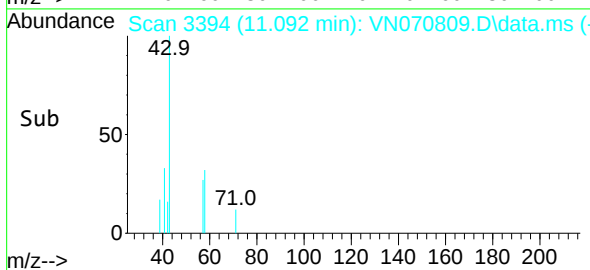
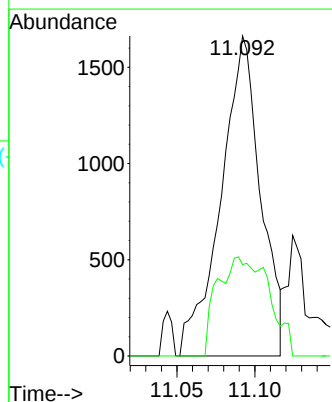
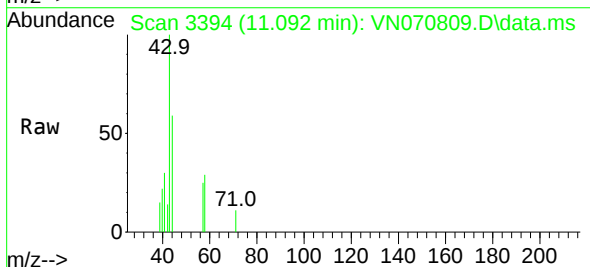
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

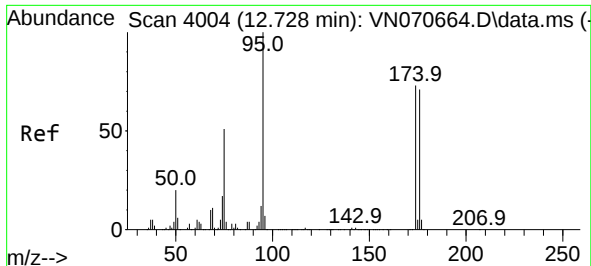
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 0.221 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
58 40.2 26.9 80.7

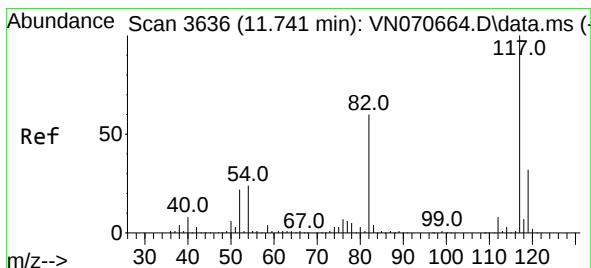
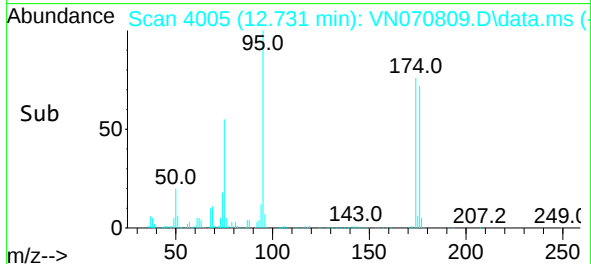
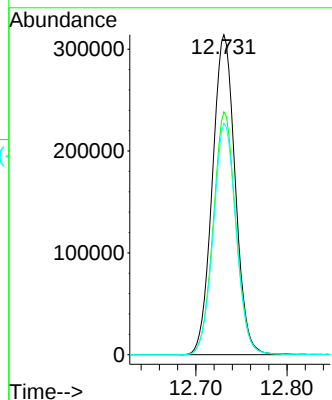
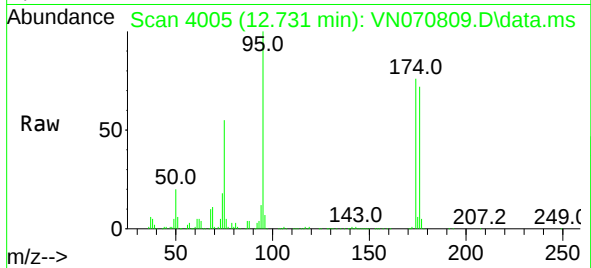




#62
4-Bromofluorobenzene
Concen: 43.188 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

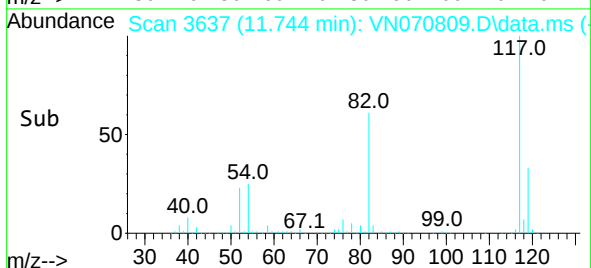
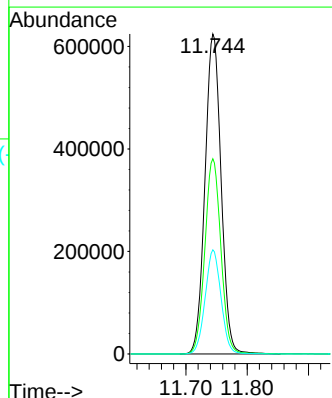
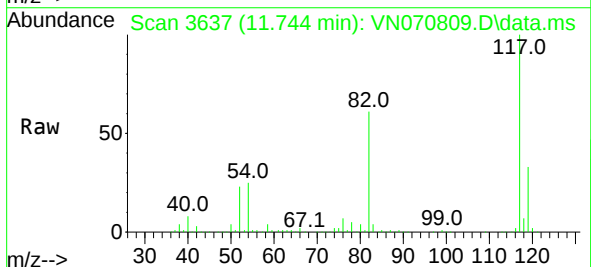
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

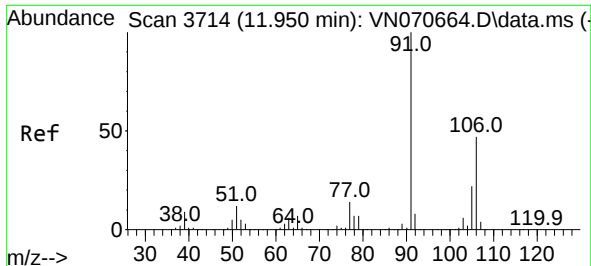
Tgt Ion: 95 Resp: 545326
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 117 Resp: 1141148
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.6 25.4 38.2

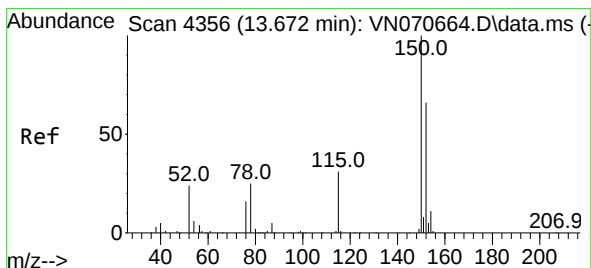
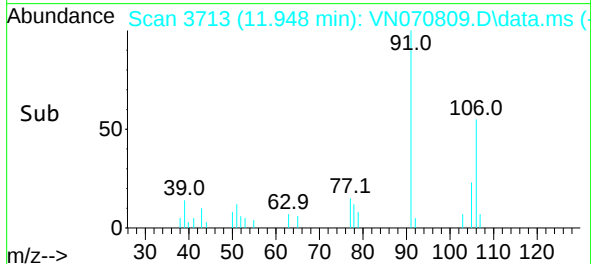
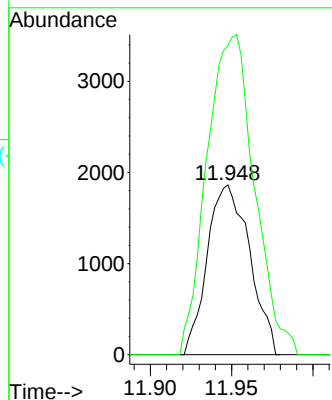
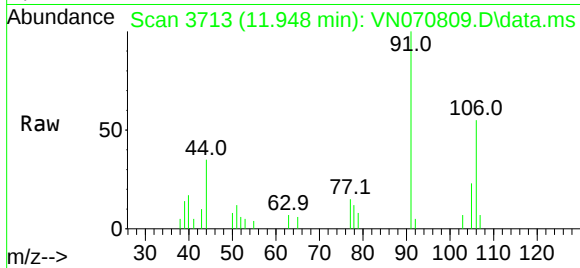




#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

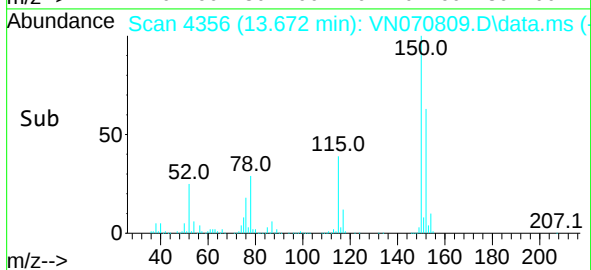
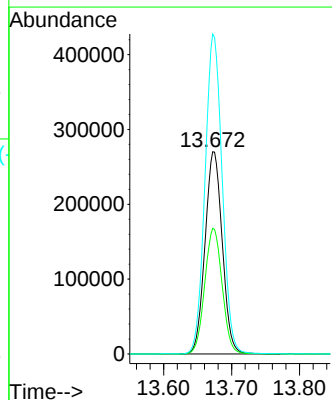
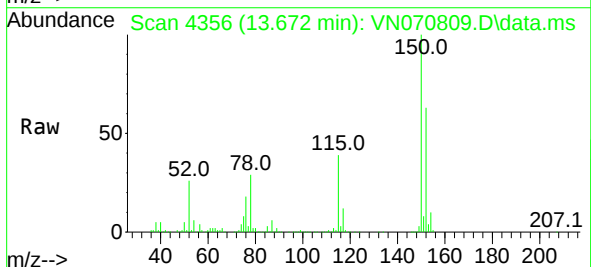
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

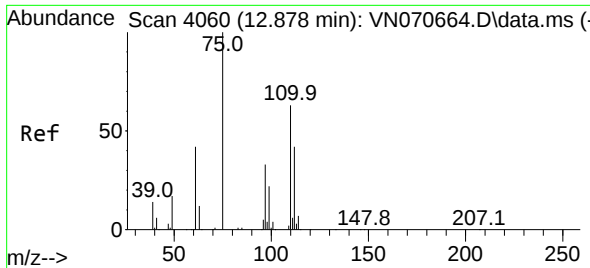
Tgt Ion:106 Resp: 3377
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion:152 Resp: 476668
Ion Ratio Lower Upper
152 100
115 62.6 27.5 82.5
150 157.5 0.0 344.4

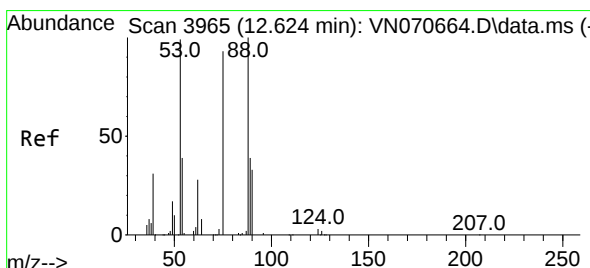
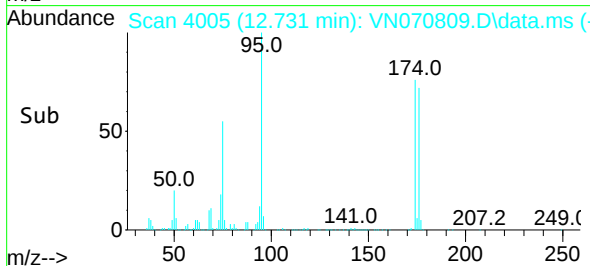
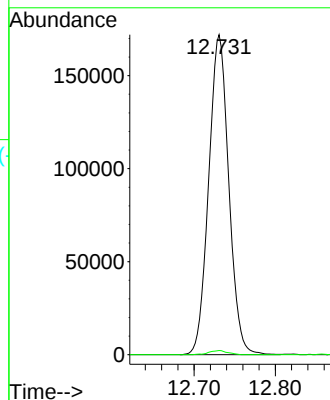
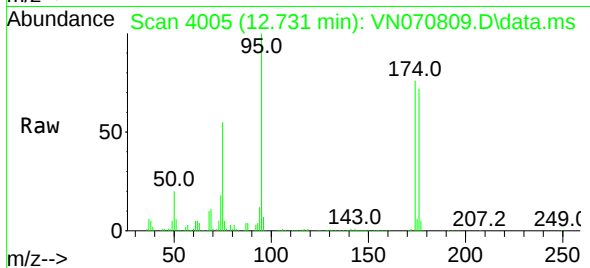




#76
1,2,3-Trichloropropane
Concen: 23.365 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

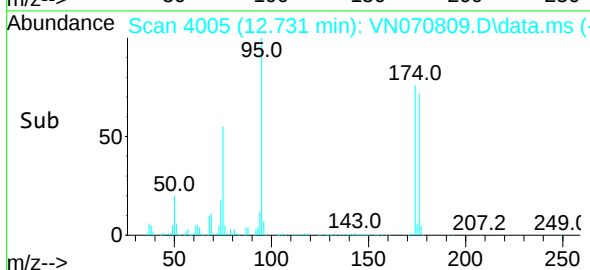
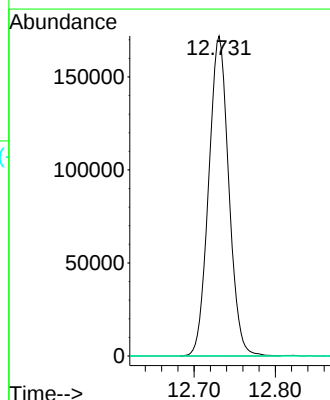
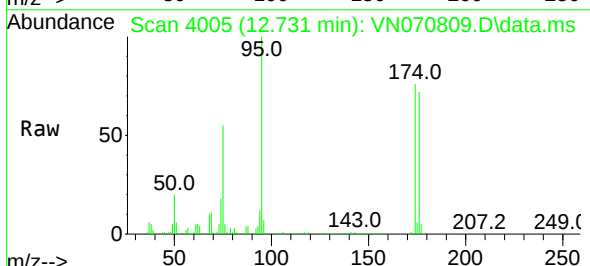
Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

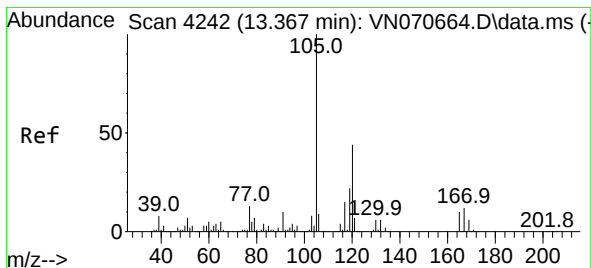
Tgt Ion: 75 Resp: 295390
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.608 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion: 75 Resp: 295390
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.269 ug/l

RT: 13.366 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

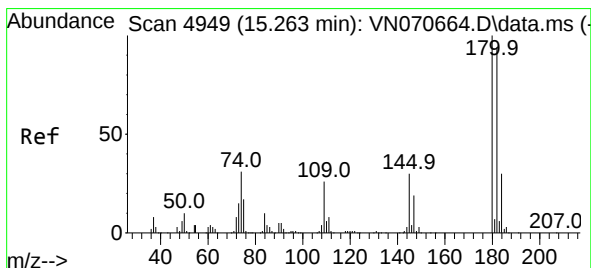
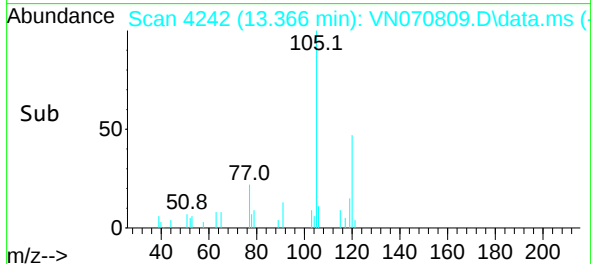
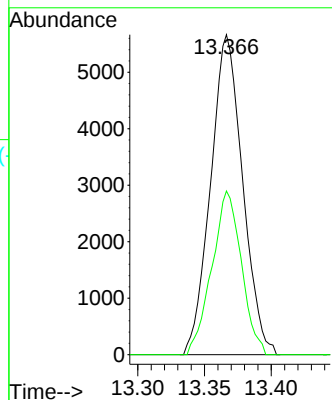
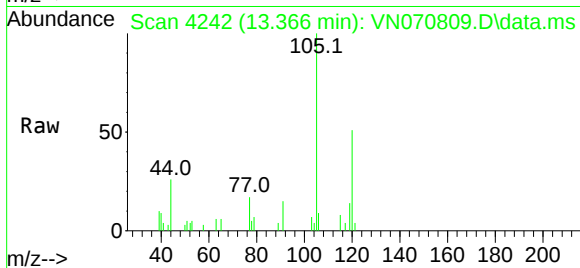
72-72017ME

Tgt Ion:105 Resp: 9444

Ion Ratio Lower Upper

105 100

120 47.1 22.8 68.4



#93

1,2,4-Trichlorobenzene

Concen: 3.539 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070809.D

Acq: 27 Jan 2022 16:30

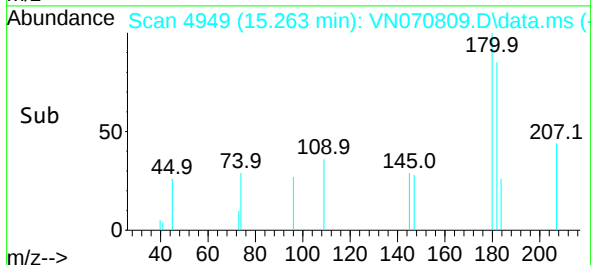
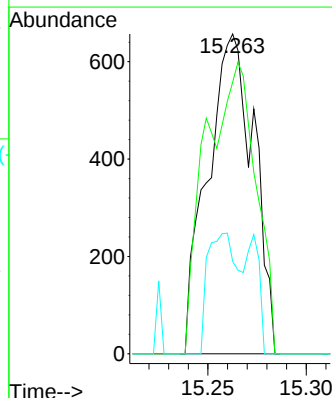
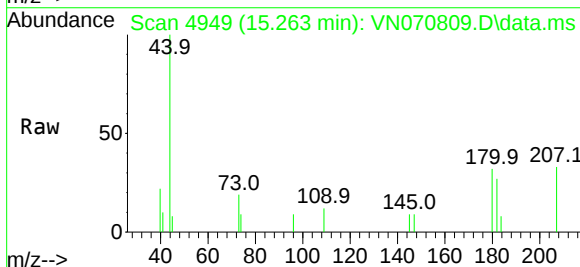
Tgt Ion:180 Resp: 1073

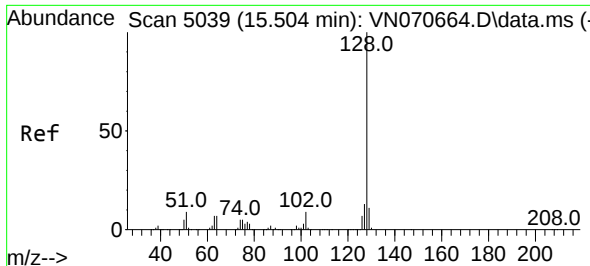
Ion Ratio Lower Upper

180 100

182 57.8 48.3 144.9

145 25.2 14.5 43.5

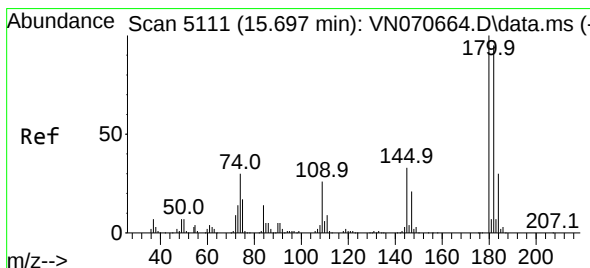
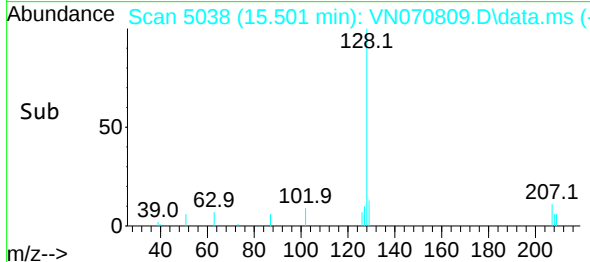
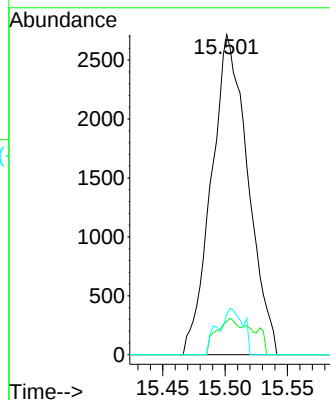
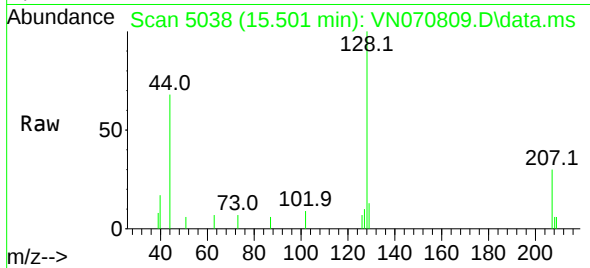




#95
Naphthalene
Concen: 5.151 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Instrument :
MSVOA_N
ClientSampleId :
72-72017ME

Tgt Ion:128 Resp: 5542
Ion Ratio Lower Upper
128 100
127 10.1 10.5 15.7#
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.327 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070809.D
Acq: 27 Jan 2022 16:30

Tgt Ion:180 Resp: 999
Ion Ratio Lower Upper
180 100
182 88.0 47.4 142.2
145 37.6 15.0 45.1

