

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070764.D
 Acq On : 24 Jan 2022 18:52
 Operator : JC/MD
 Sample : N1242-05
 Misc : 4.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC-124035

Quant Time: Jan 24 23:34:42 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)

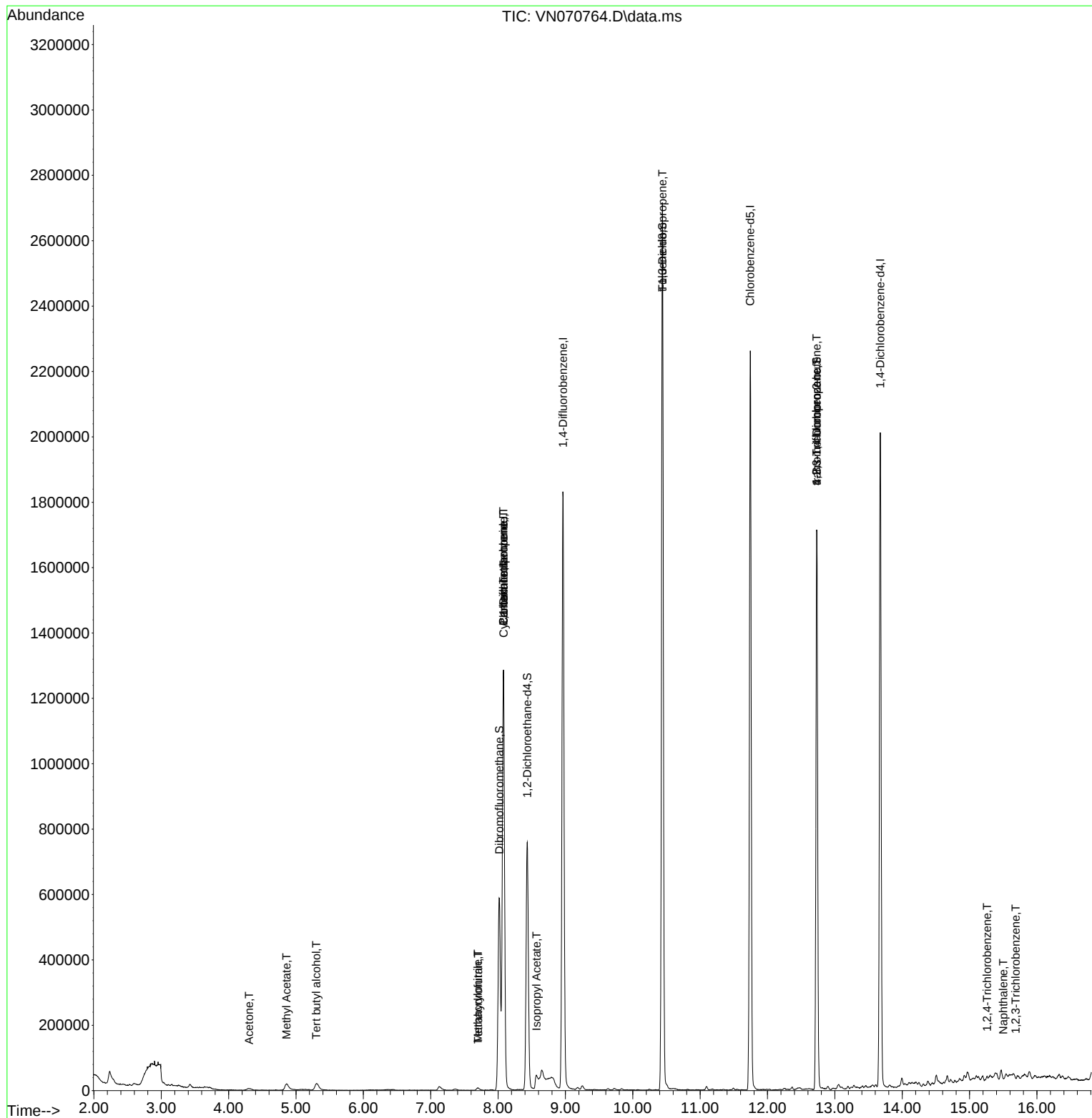
Internal Standards						
1) Pentafluorobenzene	8.080	168	981310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1587649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1305701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	548764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	667543	47.466	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.940%		
35) Dibromofluoromethane	8.019	113	443663	45.050	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.100%		
50) Toluene-d8	10.440	98	1923303	46.358	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.720%		
62) 4-Bromofluorobenzene	12.731	95	625142	42.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.580%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.302	59	11233	4.427	ug/l #	71
16) Acetone	4.304	43	5475	0.561	ug/l	100
18) Methyl Acetate	4.859	43	47776	2.489	ug/l	93
29) Tetrahydrofuran	7.705	42	7032	0.935	ug/l #	64
30) Chloroform	7.809	83	546	Below Cal		100
31) Cyclohexane	8.083	56	21615	0.873	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	82177	4.957	ug/l #	50
38) Carbon Tetrachloride	8.080	117	98528	6.680	ug/l #	17
41) Methacrylonitrile	7.699	41	3797	0.339	ug/l #	38
43) Isopropyl Acetate	8.571	43	42893	1.276	ug/l #	55
53) t-1,3-Dichloropropene	10.440	75	503	2.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	333756	22.931	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	333756	68.316	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	407	3.463	ug/l #	1
95) Naphthalene	15.501	128	635	4.969	ug/l #	48
96) 1,2,3-Trichlorobenzene	15.686	180	375	3.252	ug/l #	41

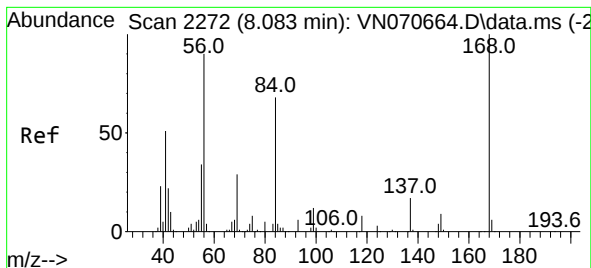
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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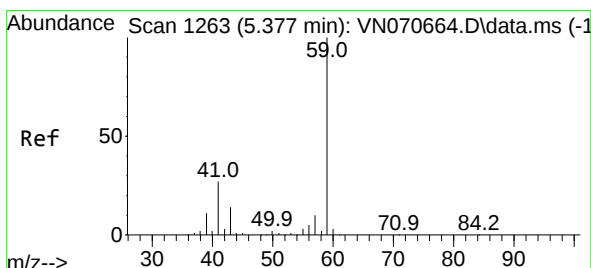
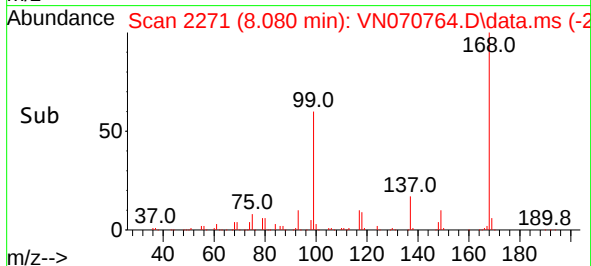
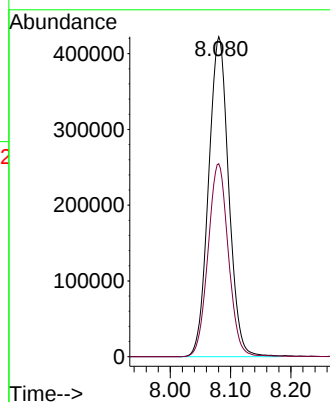
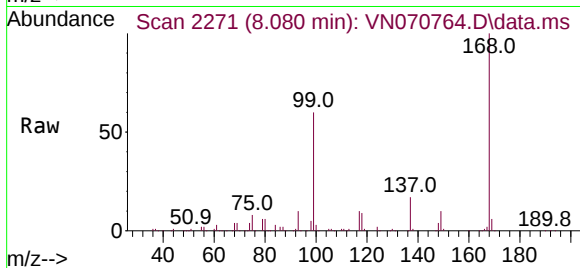




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

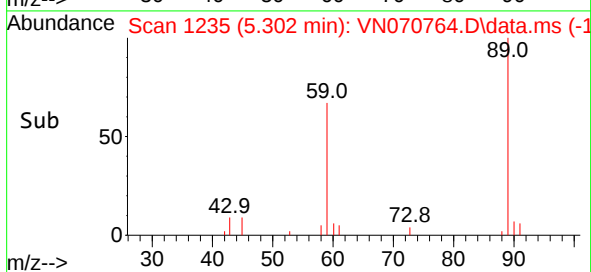
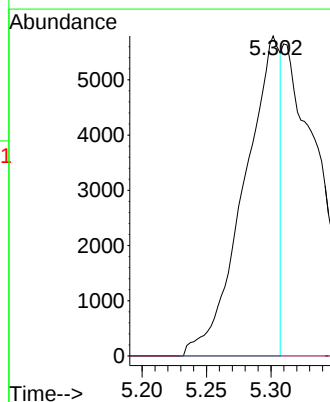
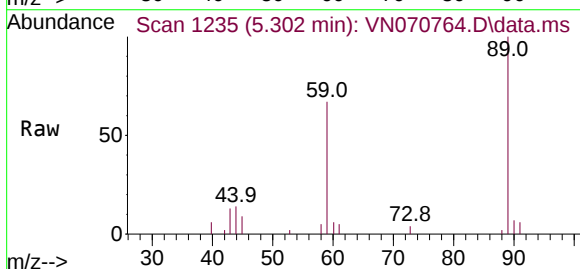
Instrument :
MSVOA_N
ClientSampleId :
PSC-124035

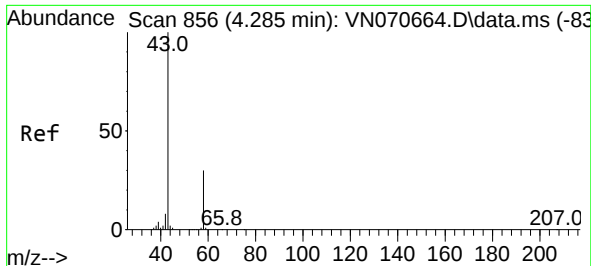
Tgt Ion:168 Resp: 981310
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 4.427 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.075 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion: 59 Resp: 11233
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

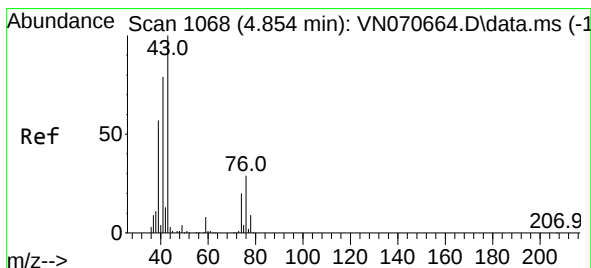
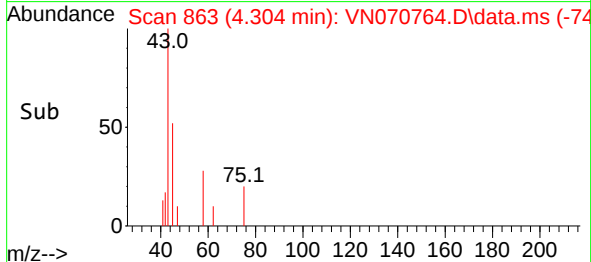
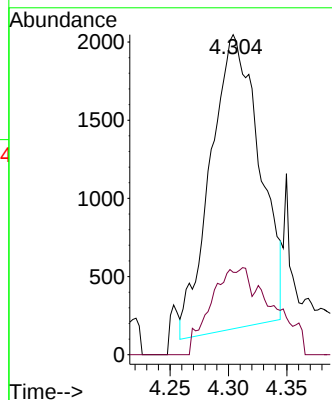
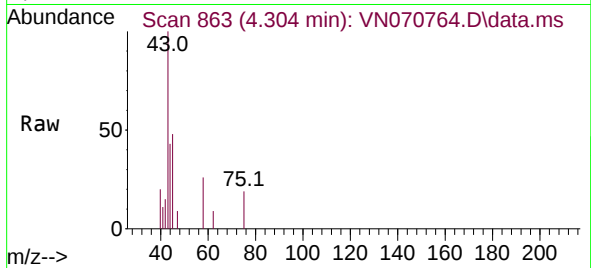




#16
Acetone
Concen: 0.561 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

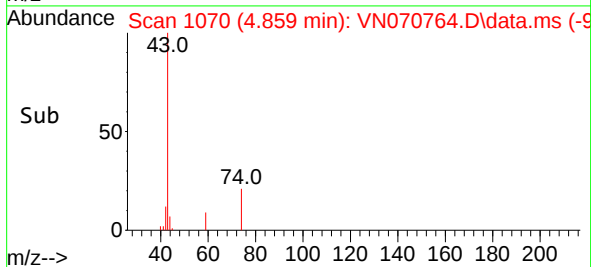
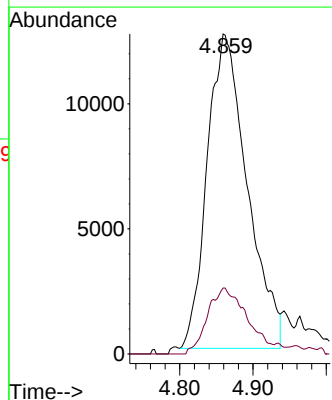
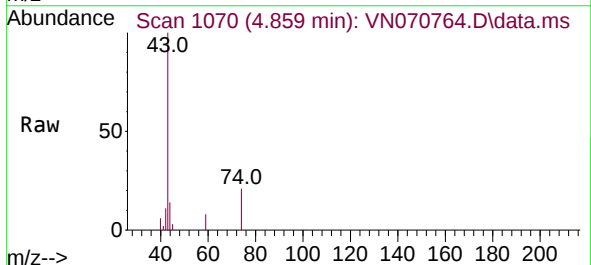
Instrument :
MSVOA_N
ClientSampleId :
PSC-124035

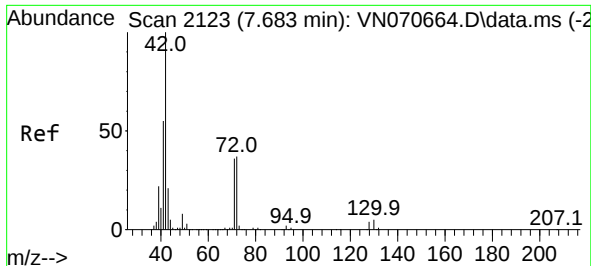
Tgt Ion: 43 Resp: 5475
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7



#18
Methyl Acetate
Concen: 2.489 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion: 43 Resp: 47776
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.935 ug/l

RT: 7.705 min Scan# 21

Delta R.T. 0.022 min

Lab File: VN070764.D

Acq: 24 Jan 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

PSC-124035

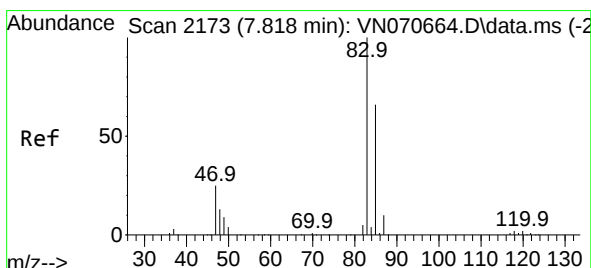
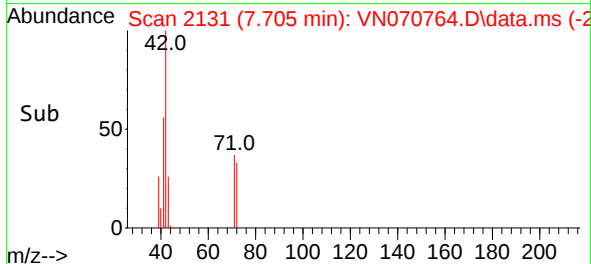
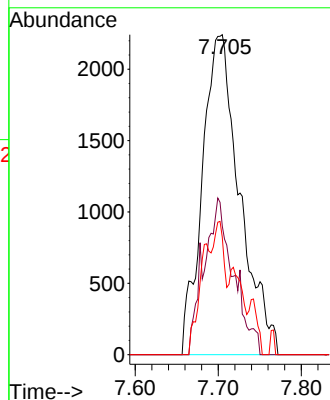
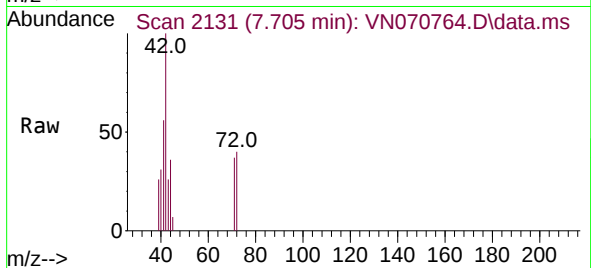
Tgt Ion: 42 Resp: 7032

Ion Ratio Lower Upper

42 100

72 31.5 36.3 54.5#

71 10.6 34.7 52.1#



#30

Chloroform

Concen: Below Cal

RT: 7.809 min Scan# 2170

Delta R.T. -0.009 min

Lab File: VN070764.D

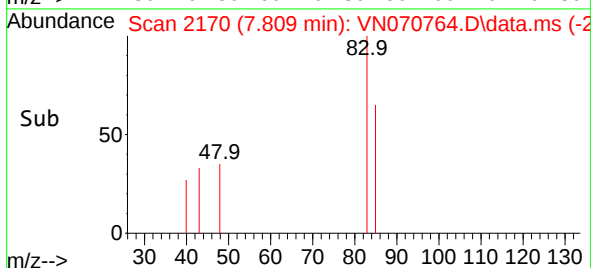
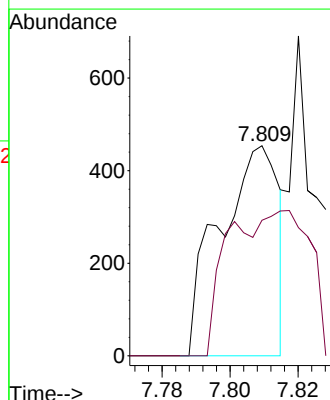
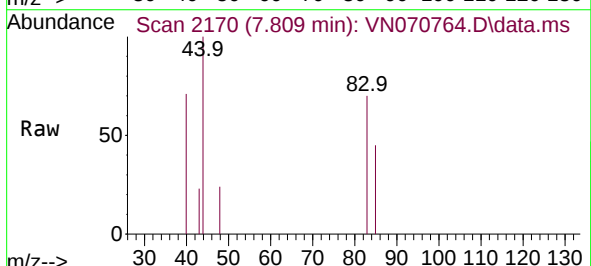
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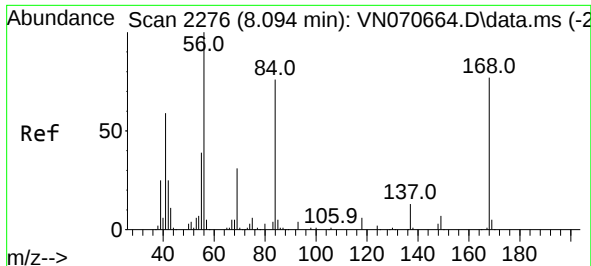
Tgt Ion: 83 Resp: 546

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

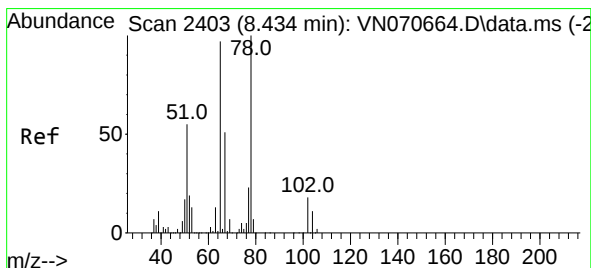
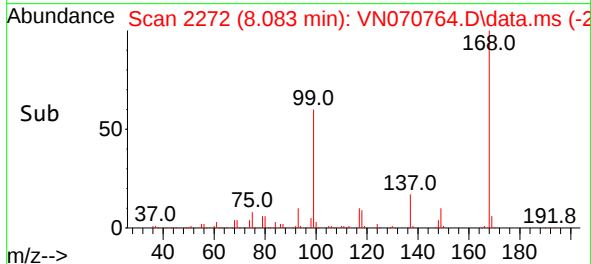
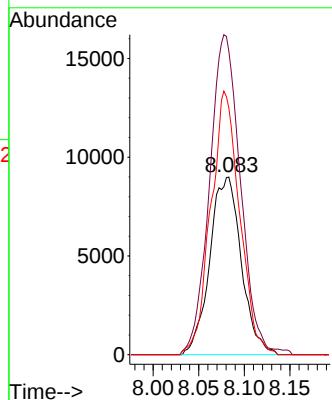
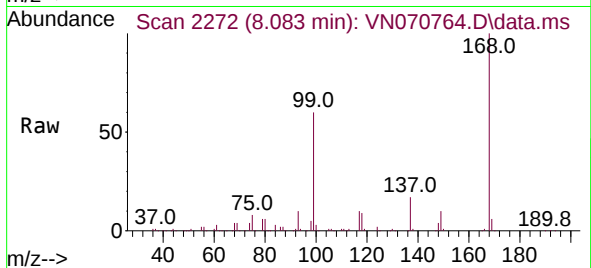




#31
Cyclohexane
Concen: 0.873 ug/l
RT: 8.083 min Scan# 21615
Delta R.T. -0.011 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

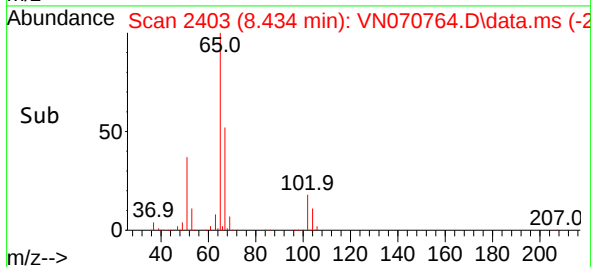
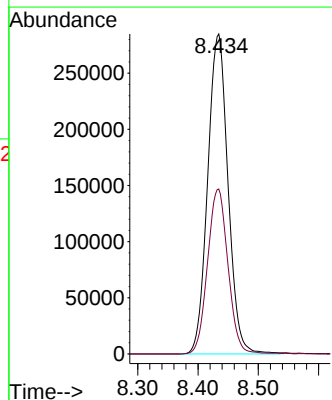
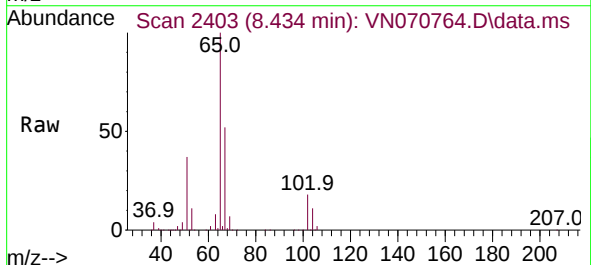
Instrument :
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PSC-124035

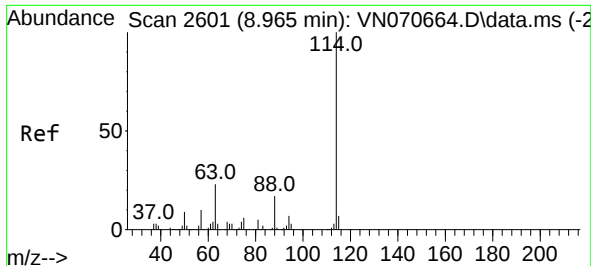
Tgt Ion: 56 Resp: 21615
Ion Ratio Lower Upper
56 100
69 170.8 27.1 40.7#
84 139.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.466 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion: 65 Resp: 667543
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

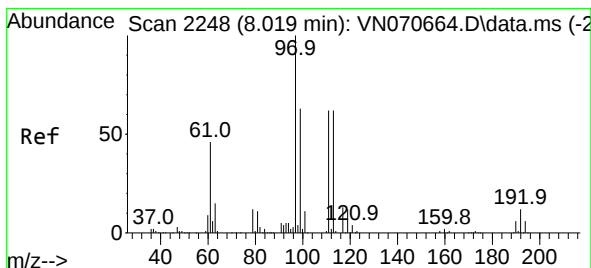
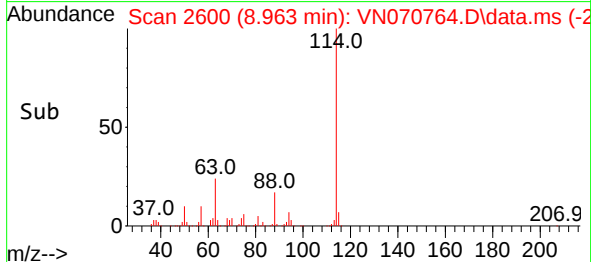
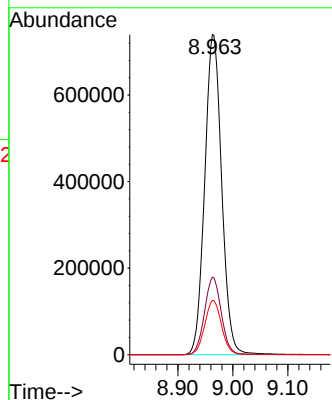
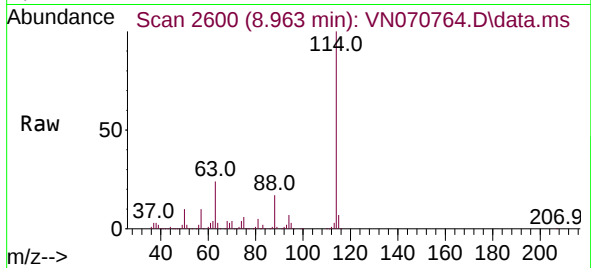




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

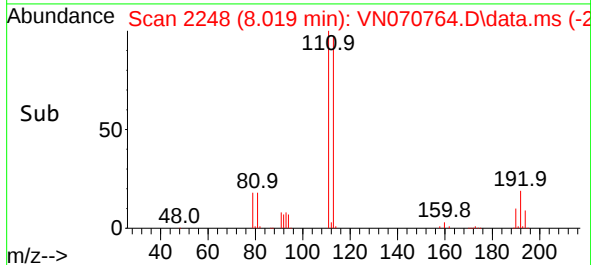
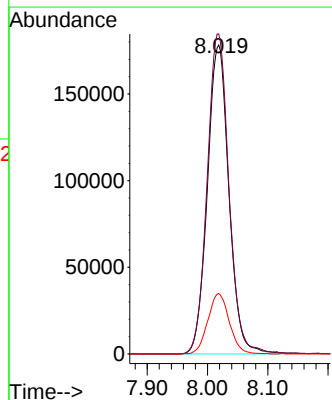
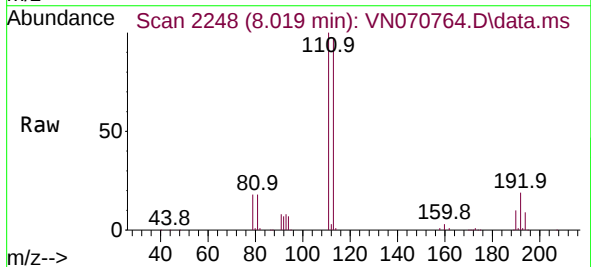
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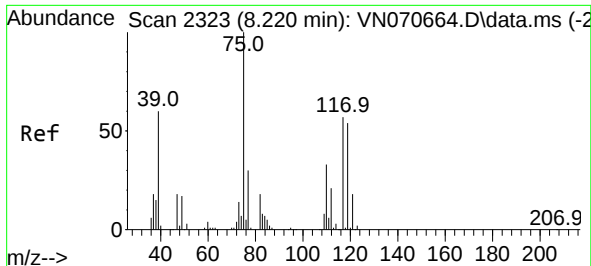
Tgt Ion:114 Resp: 1587649
Ion Ratio Lower Upper
114 100
63 24.2 0.0 37.8
88 17.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.050 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion:113 Resp: 443663
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 19.5 16.9 25.3

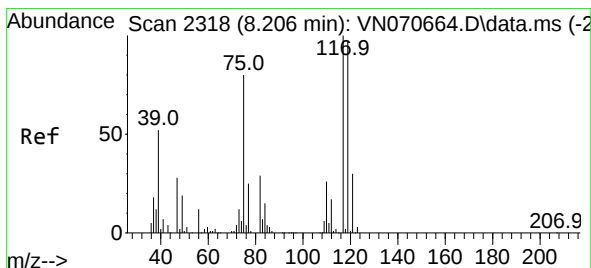
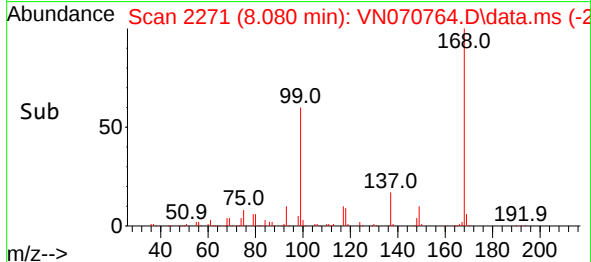
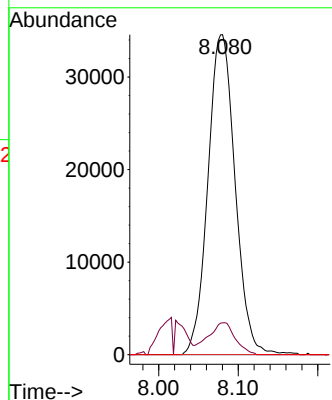
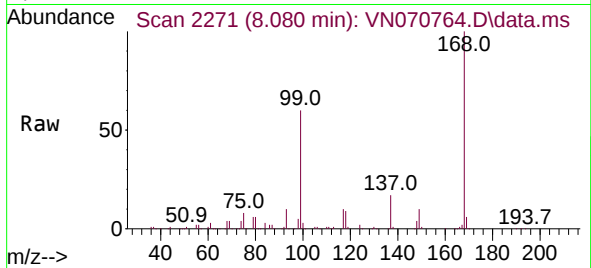




#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 8.080 min Scan# 2271
 Delta R.T. -0.140 min
 Lab File: VN070764.D
 Acq: 24 Jan 2022 18:52

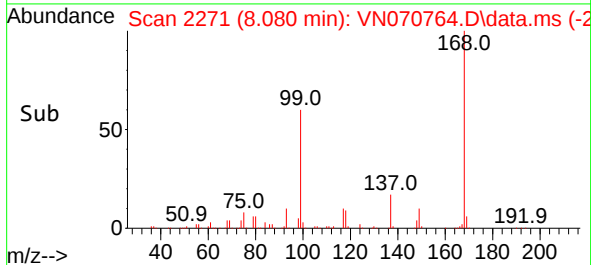
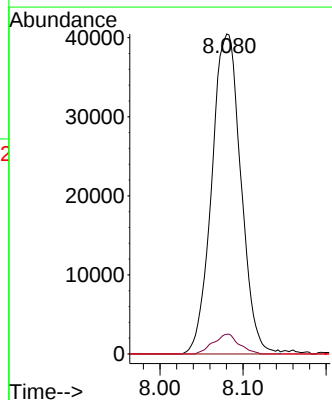
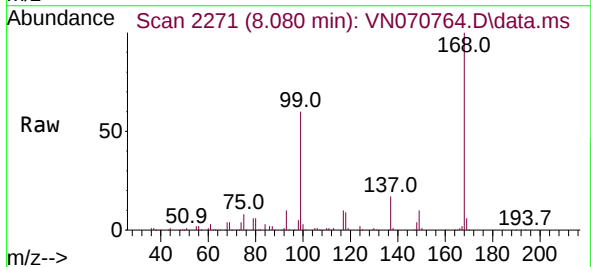
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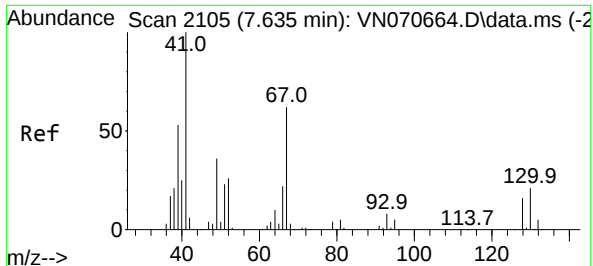
Tgt Ion: 75 Resp: 82177
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.680 ug/l
 RT: 8.080 min Scan# 2271
 Delta R.T. -0.126 min
 Lab File: VN070764.D
 Acq: 24 Jan 2022 18:52

Tgt Ion: 117 Resp: 98528
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.1 114.1#
 121 0.0 24.2 36.2#

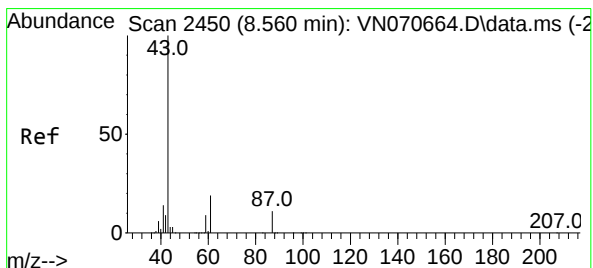
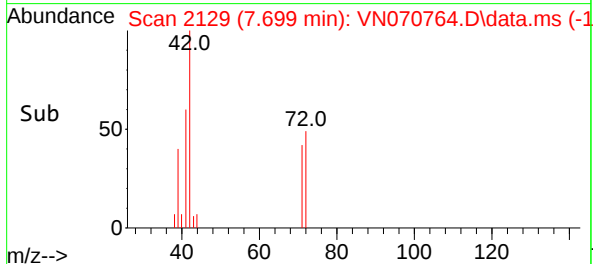
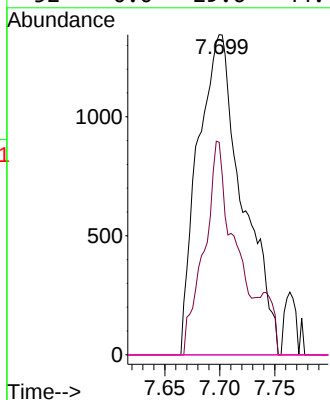
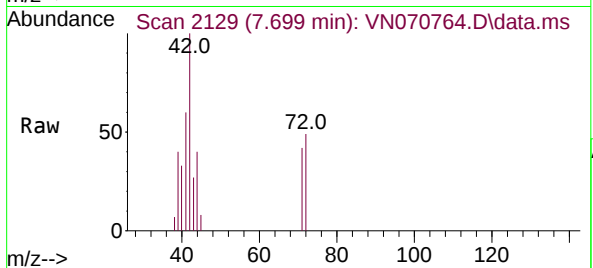




#41
Methacrylonitrile
Concen: 0.339 ug/l
RT: 7.699 min Scan# 2105
Delta R.T. 0.064 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

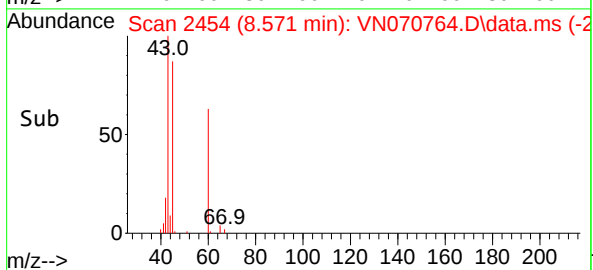
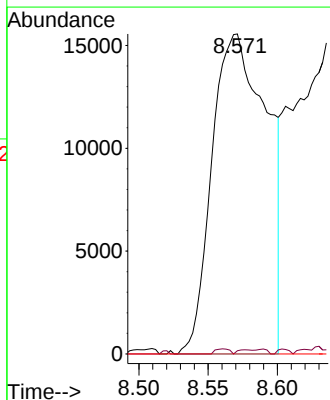
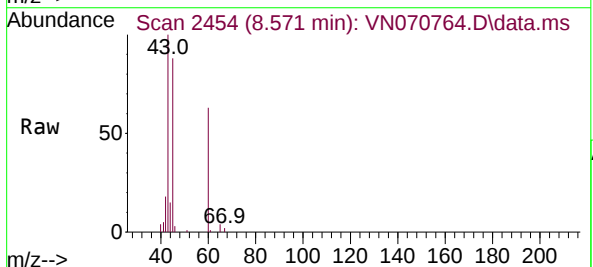
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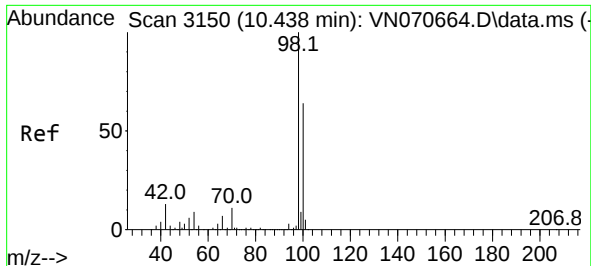
Tgt Ion:	41	Resp:	3797
Ion	Ratio	Lower	Upper
41	100		
39	45.8	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 1.276 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion:	43	Resp:	42893
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

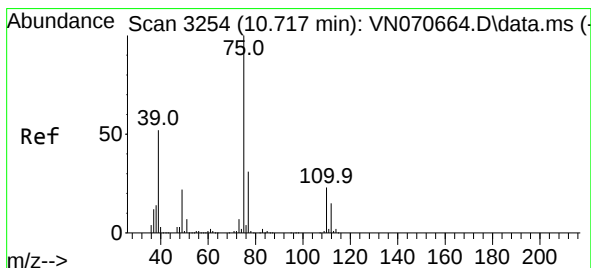
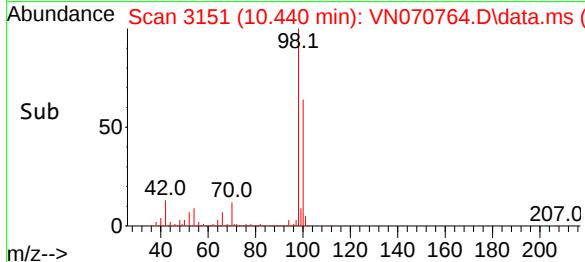
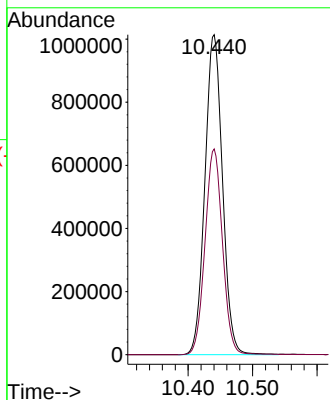
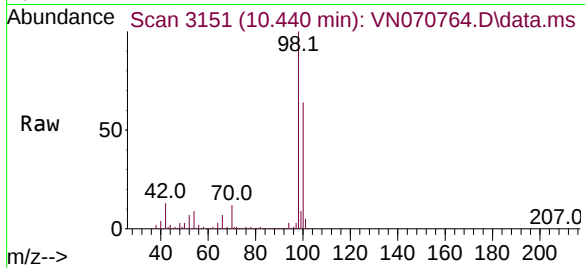




#50
Toluene-d8
Concen: 46.358 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

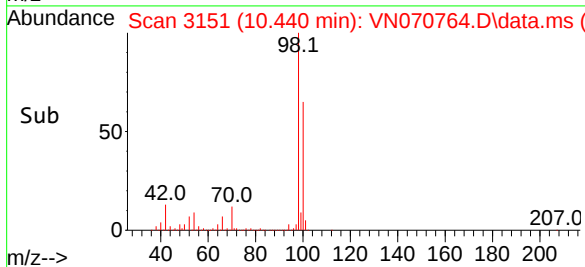
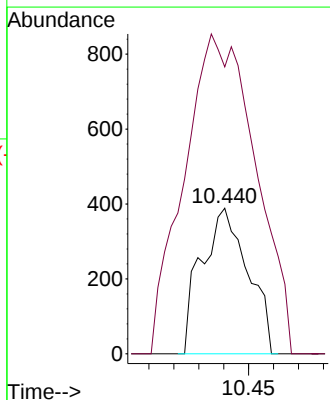
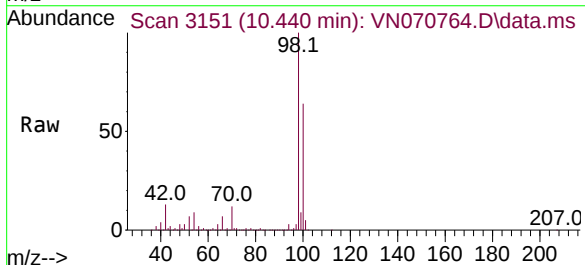
Instrument :
MSVOA_N
ClientSampleId :
PSC-124035

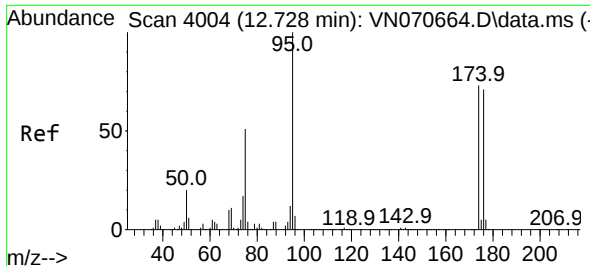
Tgt Ion: 98 Resp: 1923303
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.428 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.277 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion: 75 Resp: 503
Ion Ratio Lower Upper
75 100
77 130.1 25.6 38.4#





#62

4-Bromofluorobenzene

Concen: 42.285 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.003 min

Lab File: VN070764.D

Acq: 24 Jan 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

PSC-124035

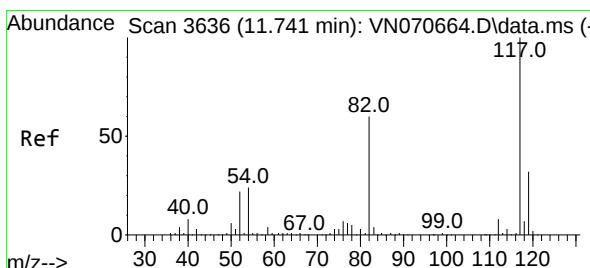
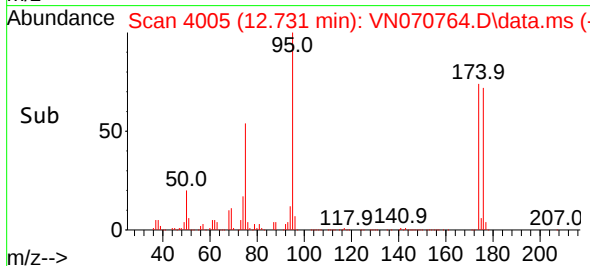
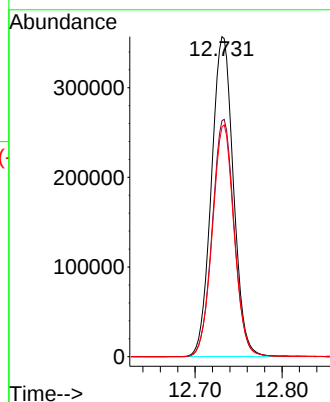
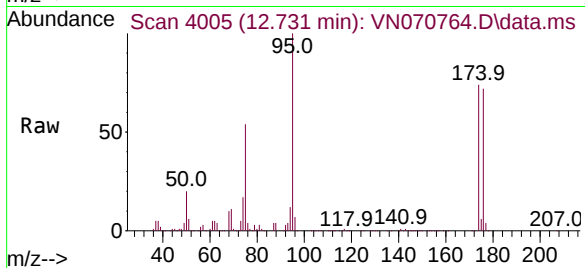
Tgt Ion: 95 Resp: 625142

Ion Ratio Lower Upper

95 100

174 74.1 0.0 187.2

176 72.1 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: VN070764.D

Acq: 24 Jan 2022 18:52

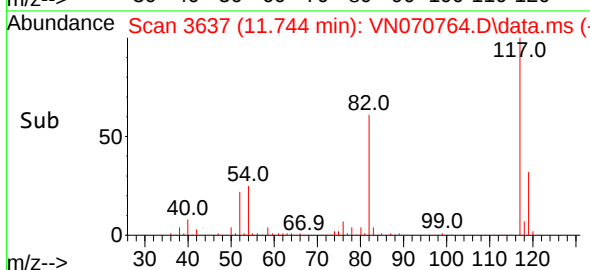
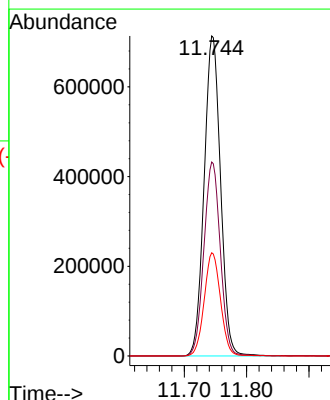
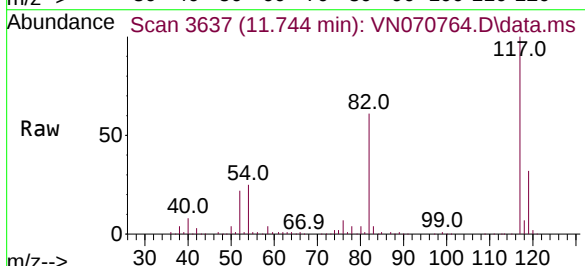
Tgt Ion: 117 Resp: 1305701

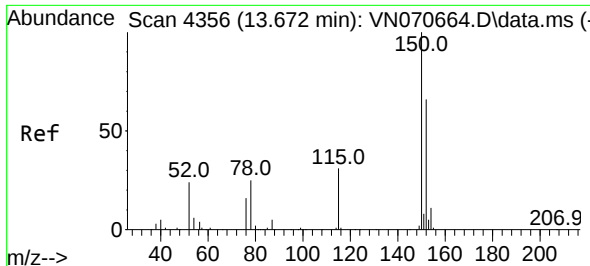
Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 32.3 25.4 38.2

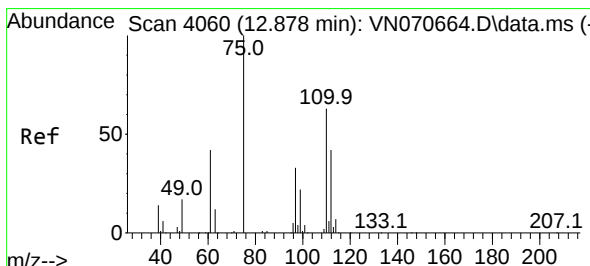
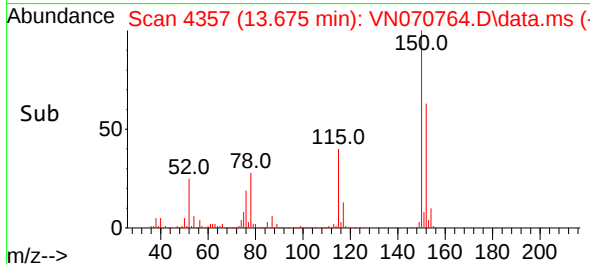
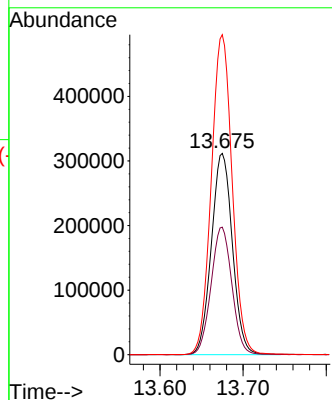
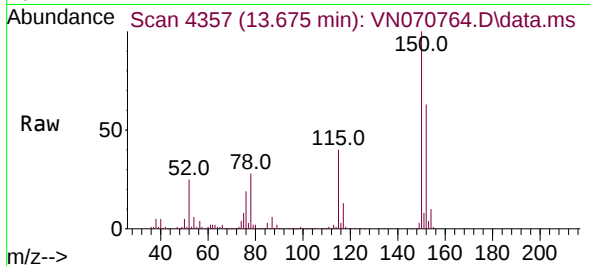




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070764.D
 Acq: 24 Jan 2022 18:52

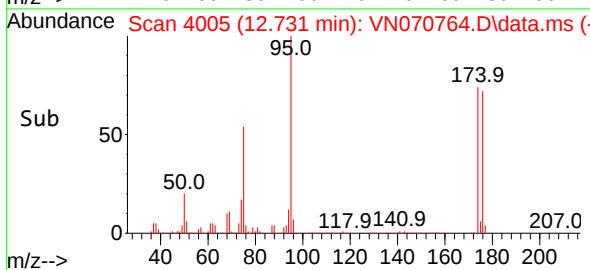
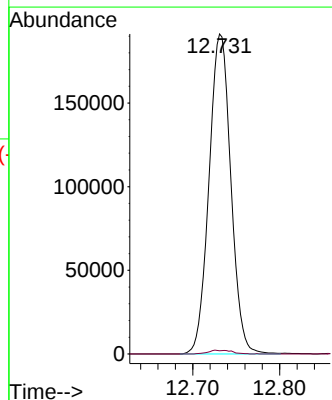
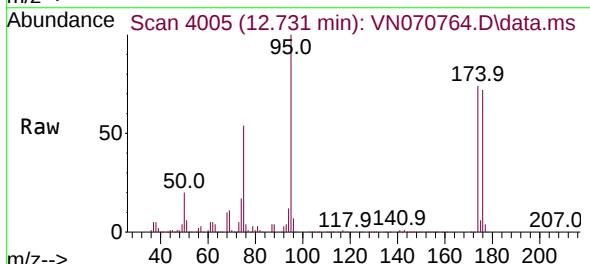
Instrument :
 MSVOA_N
 ClientSampleId :
 PSC-124035

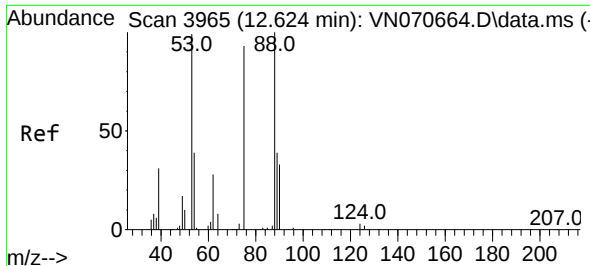
Tgt Ion:152 Resp: 548764
 Ion Ratio Lower Upper
 152 100
 115 62.7 27.5 82.5
 150 157.7 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 22.931 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070764.D
 Acq: 24 Jan 2022 18:52

Tgt Ion: 75 Resp: 333756
 Ion Ratio Lower Upper
 75 100
 77 0.6 82.6 247.8#

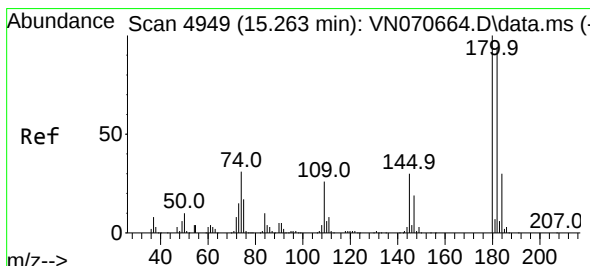
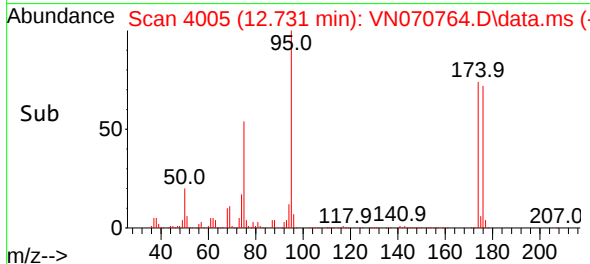
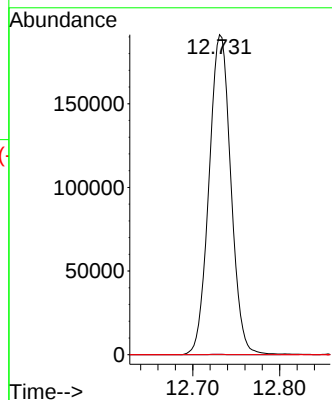
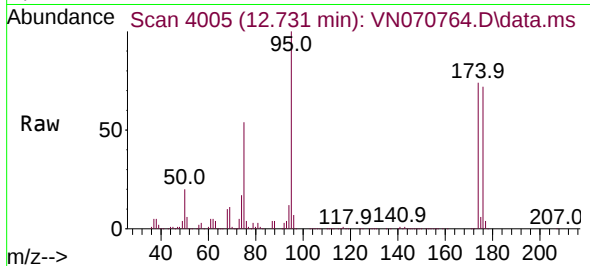




#81
trans-1,4-Dichloro-2-butene
Concen: 68.316 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

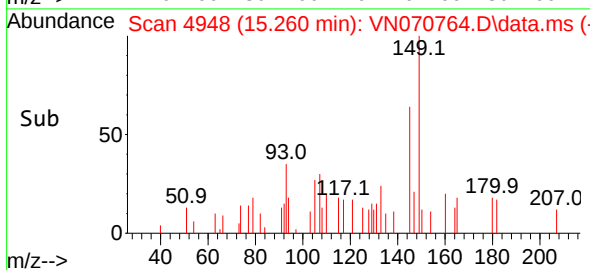
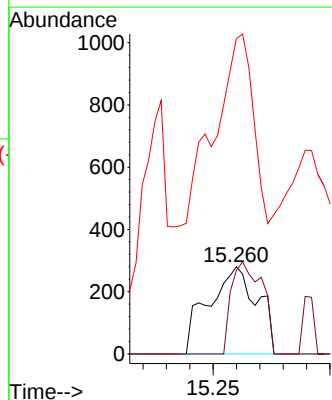
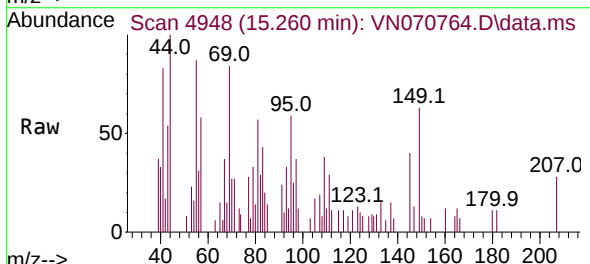
Instrument :
MSVOA_N
ClientSampleId :
PSC-124035

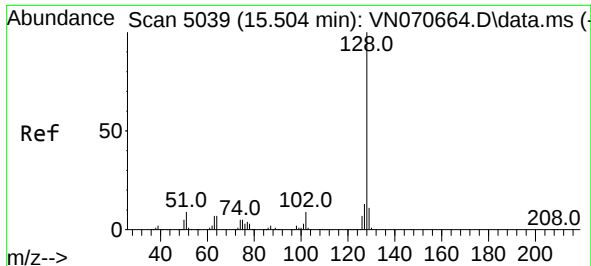
Tgt Ion: 75 Resp: 333756
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.463 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion: 180 Resp: 407
Ion Ratio Lower Upper
180 100
182 66.6 48.3 144.9
145 211.3 14.5 43.5#

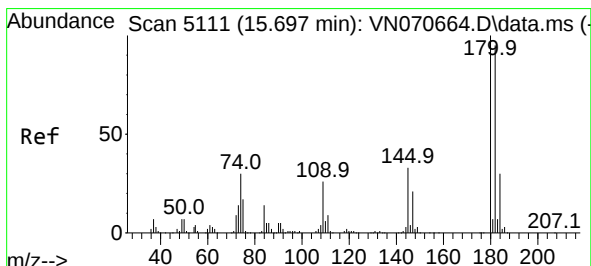
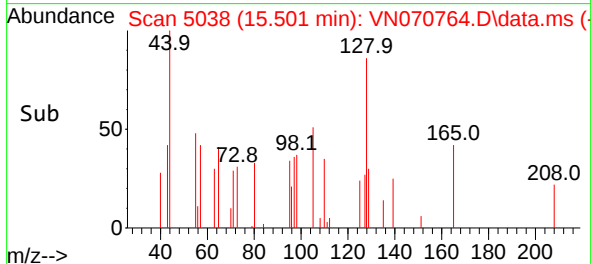
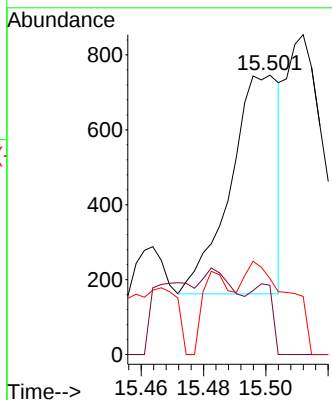
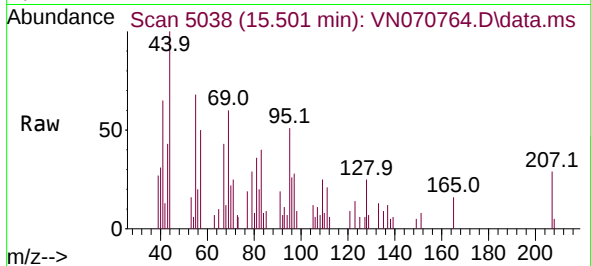




#95
Naphthalene
Concen: 4.969 ug/l
RT: 15.501 min Scan# 5107
Delta R.T. -0.003 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Instrument :
MSVOA_N
ClientSampleId :
PSC-124035

Tgt Ion:128 Resp: 635
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 39.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.252 ug/l
RT: 15.686 min Scan# 5107
Delta R.T. -0.011 min
Lab File: VN070764.D
Acq: 24 Jan 2022 18:52

Tgt Ion:180 Resp: 375
Ion Ratio Lower Upper
180 100
182 36.5 47.4 142.2#
145 0.0 15.0 45.1#

