

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070763.D
 Acq On : 24 Jan 2022 18:27
 Operator : JC/MD
 Sample : N1242-03ME
 Misc : 3.68g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC-124055ME

Quant Time: Jan 24 23:34:27 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)

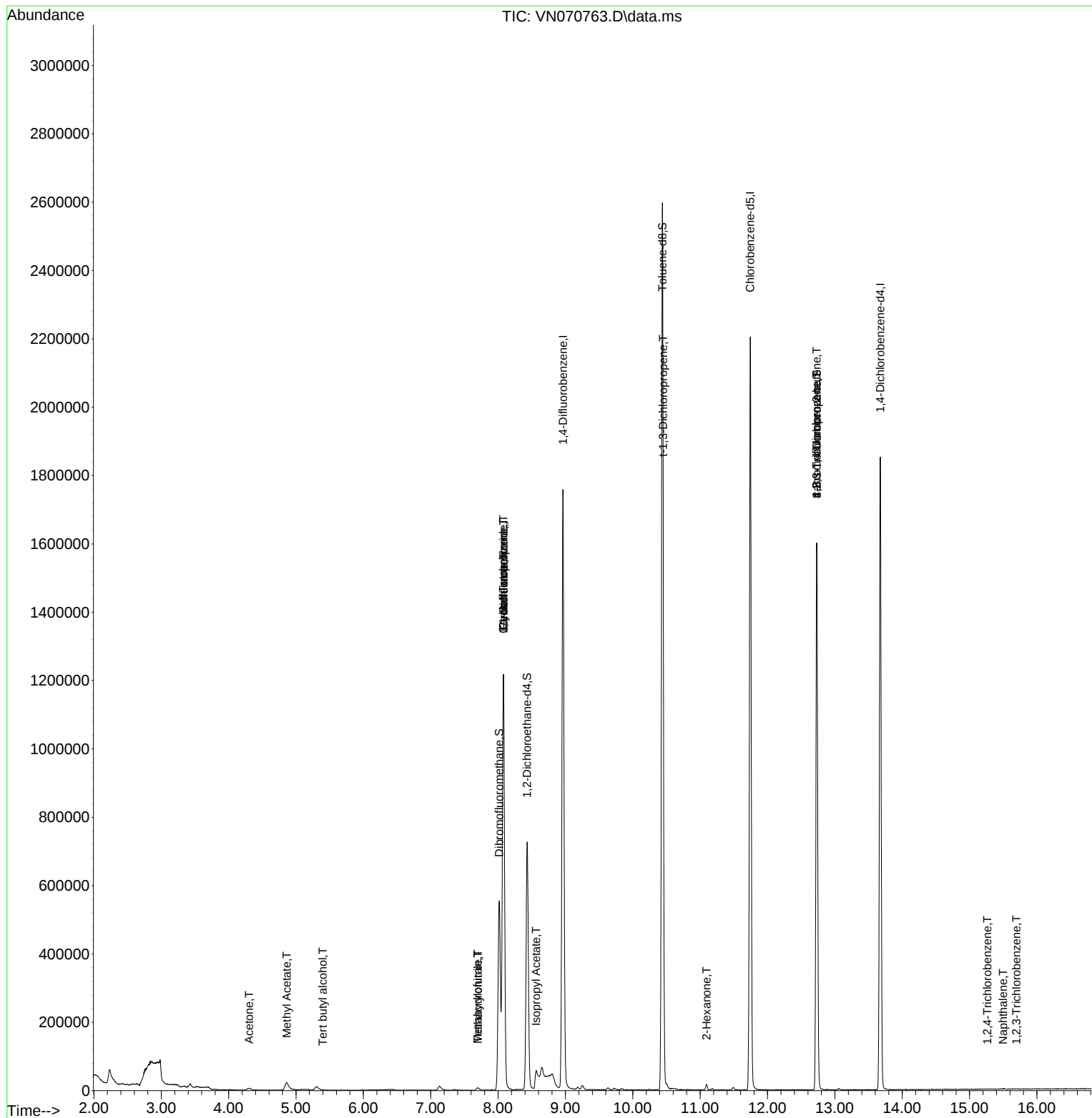
Internal Standards						
1) Pentafluorobenzene	8.080	168	926108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1504260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1253707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	507670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	631945	47.613	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.220%		
35) Dibromofluoromethane	8.016	113	418932	44.897	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.800%		
50) Toluene-d8	10.440	98	1843019	46.885	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.731	95	592624	42.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.620%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.396	59	510	0.213	ug/l #	71
16) Acetone	4.304	43	6125	0.665	ug/l	99
18) Methyl Acetate	4.862	43	56540	3.121	ug/l #	67
29) Tetrahydrofuran	7.697	42	4503	0.634	ug/l	92
30) Chloroform	7.799	83	527	Below Cal	#	66
31) Cyclohexane	8.080	56	20620	0.882	ug/l #	6
36) 1,1-Dichloropropene	8.078	75	77706	4.947	ug/l #	49
38) Carbon Tetrachloride	8.078	117	93177	6.668	ug/l #	17
41) Methacrylonitrile	7.699	41	3803	0.358	ug/l #	29
43) Isopropyl Acetate	8.566	43	61399	1.928	ug/l #	56
53) t-1,3-Dichloropropene	10.451	75	126	2.410	ug/l #	1
59) 2-Hexanone	11.095	43	3353	0.227	ug/l #	53
76) 1,2,3-Trichloropropane	12.731	75	311451	23.131	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	311451	68.911	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	86	3.434	ug/l #	57
95) Naphthalene	15.496	128	562	4.968	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.694	180	154	3.232	ug/l #	33

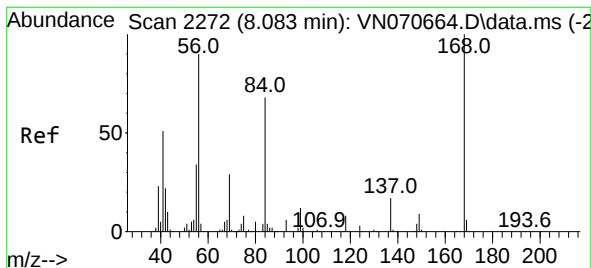
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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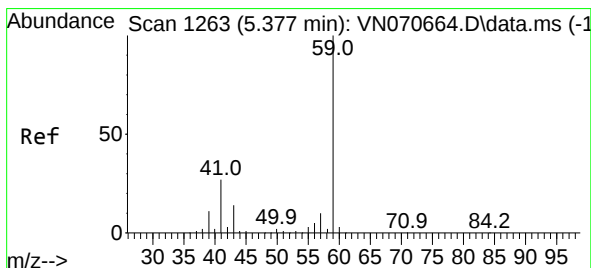
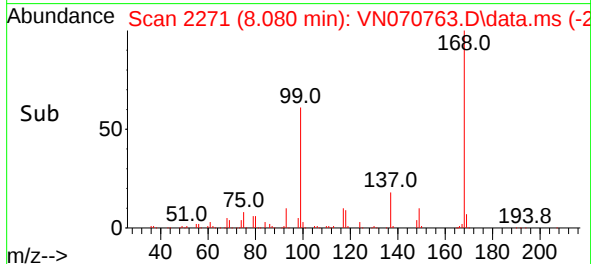
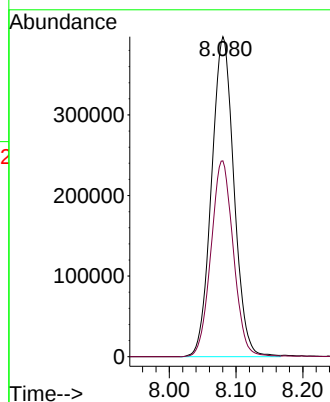
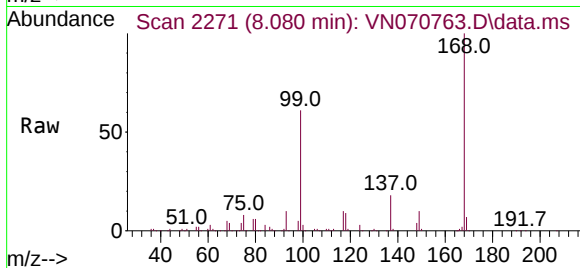




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

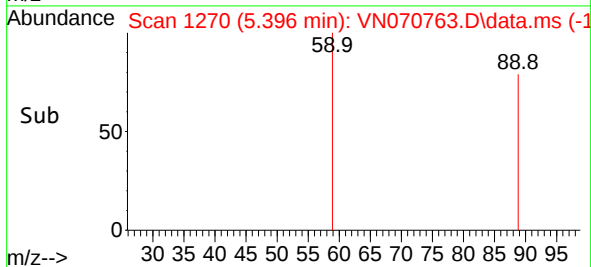
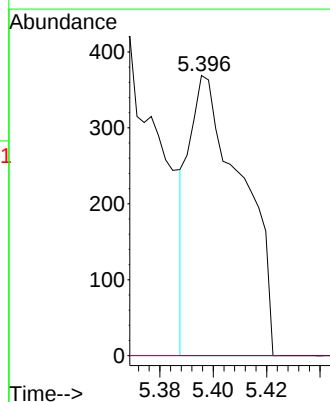
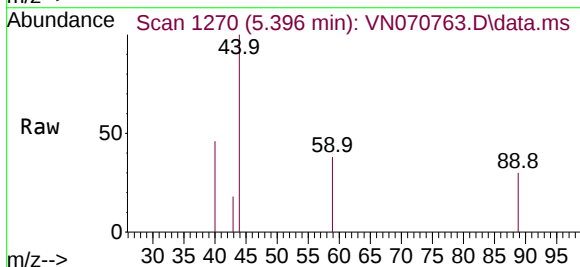
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

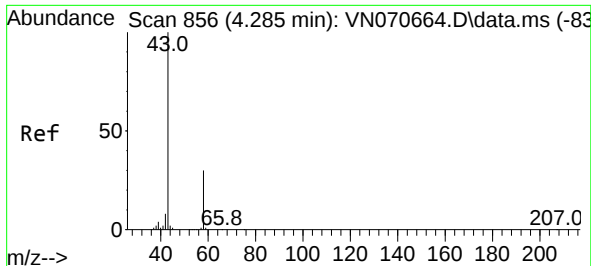
Tgt Ion:168 Resp: 926108
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.213 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.019 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

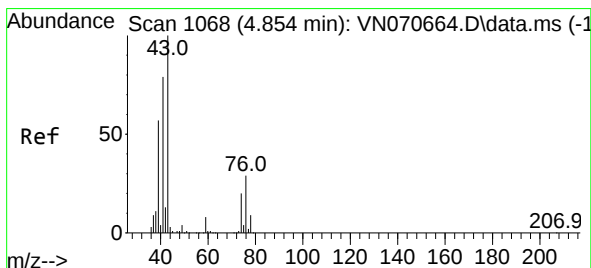
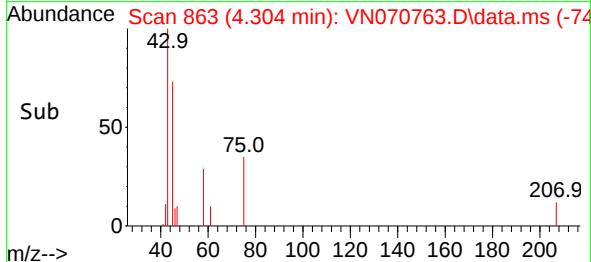
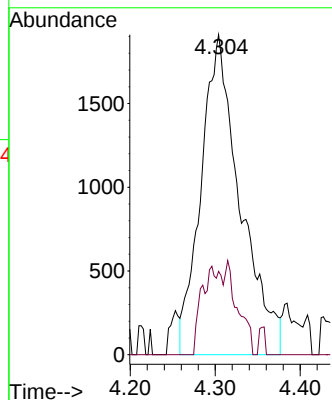
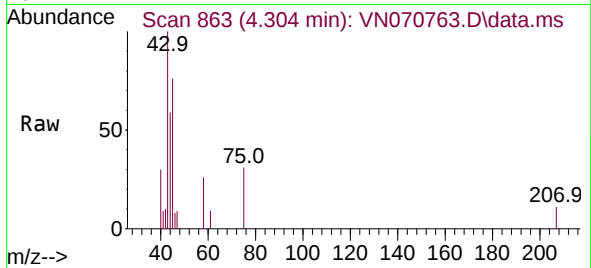




#16
Acetone
Concen: 0.665 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

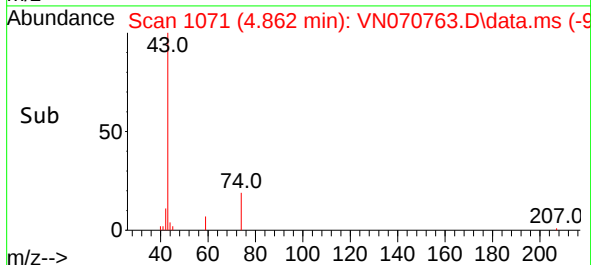
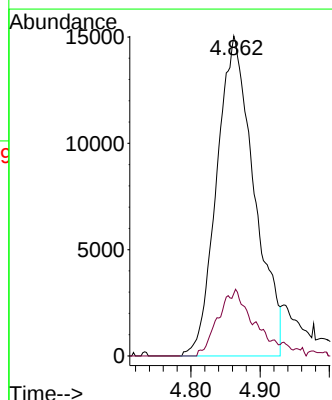
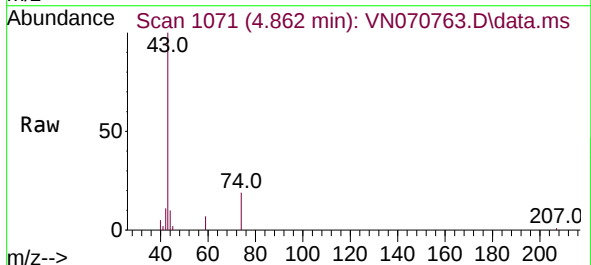
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

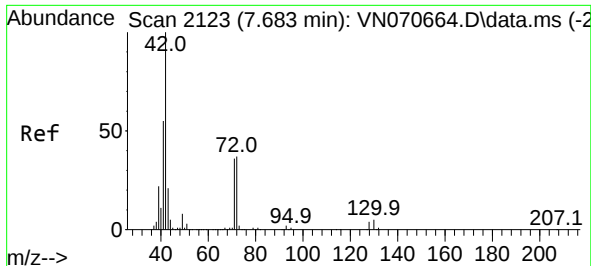
Tgt Ion: 43 Resp: 6125
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7



#18
Methyl Acetate
Concen: 3.121 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 43 Resp: 56540
Ion Ratio Lower Upper
43 100
74 8.1 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.634 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070763.D

Acq: 24 Jan 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

PSC-124055ME

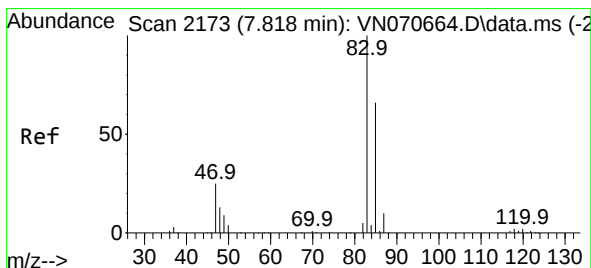
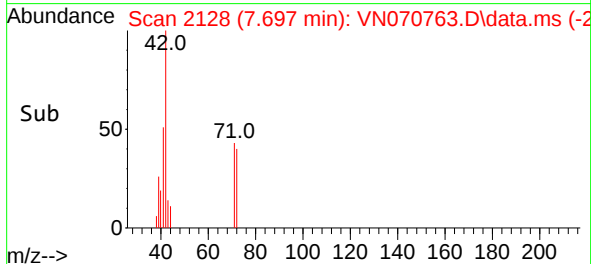
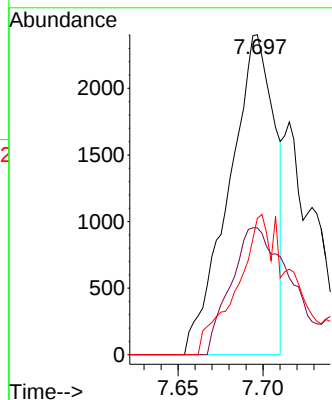
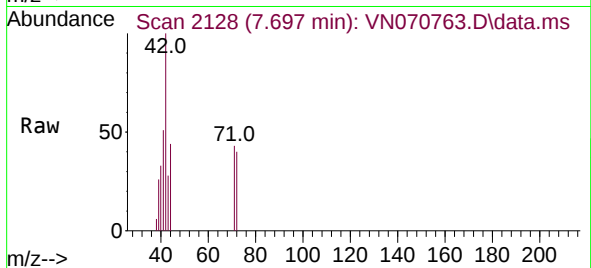
Tgt Ion: 42 Resp: 4503

Ion Ratio Lower Upper

42 100

72 51.7 36.3 54.5

71 39.6 34.7 52.1



#30

Chloroform

Concen: Below Cal

RT: 7.799 min Scan# 2166

Delta R.T. -0.019 min

Lab File: VN070763.D

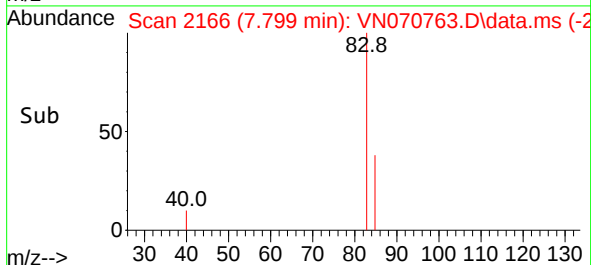
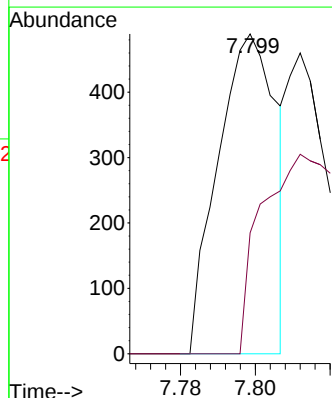
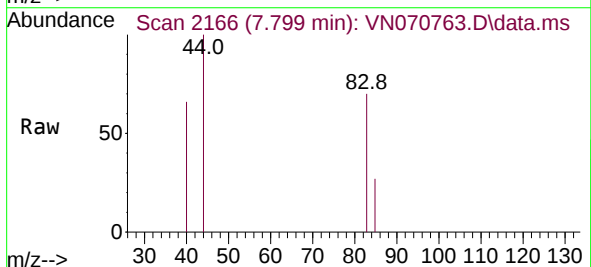
Acq: 24 Jan 2022 18:27

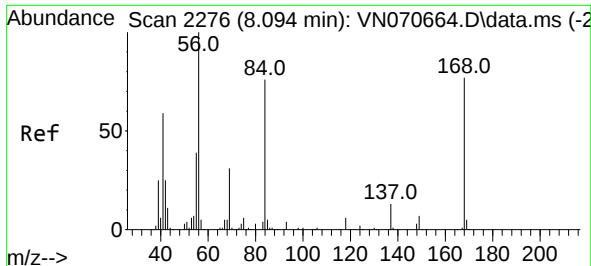
Tgt Ion: 83 Resp: 527

Ion Ratio Lower Upper

83 100

85 37.8 51.9 77.9#

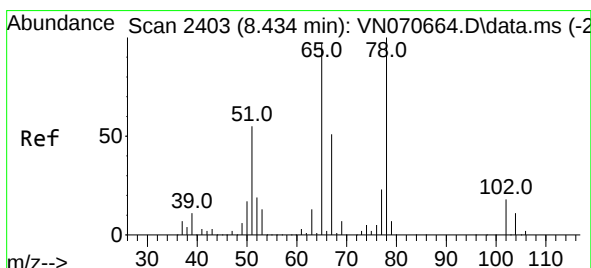
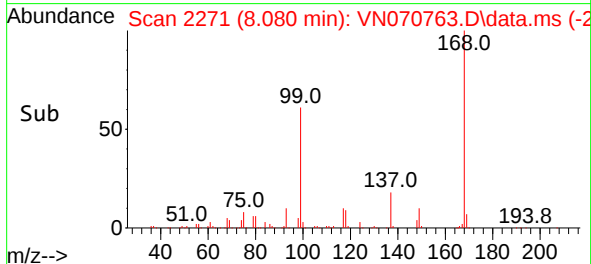
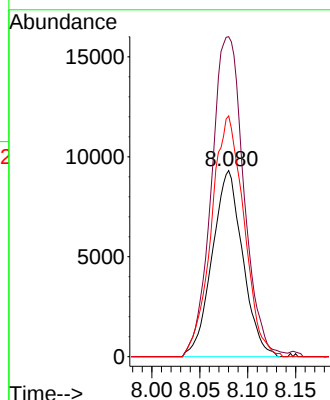
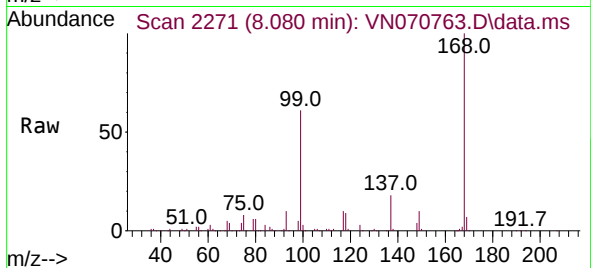




#31
Cyclohexane
Concen: 0.882 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

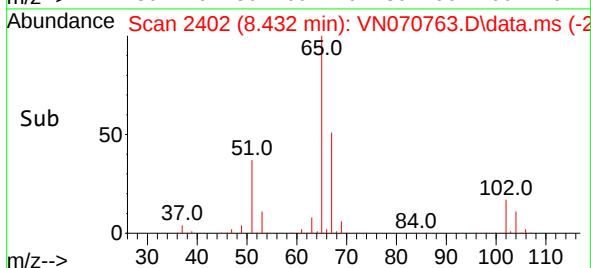
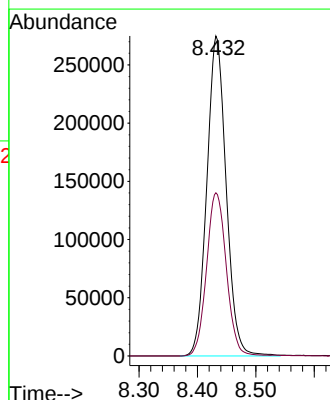
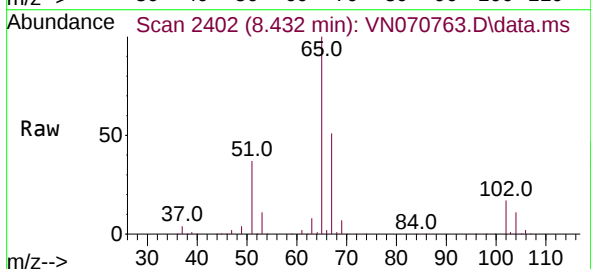
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

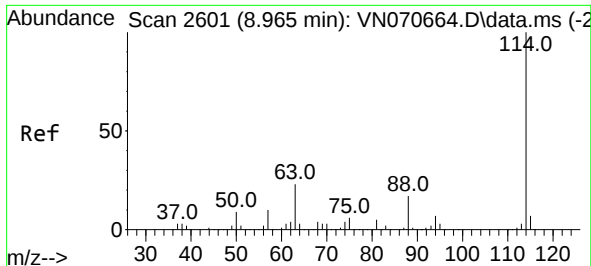
Tgt Ion: 56 Resp: 20620
Ion Ratio Lower Upper
56 100
69 171.9 27.1 40.7#
84 129.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.613 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 65 Resp: 631945
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2

Delta R.T. -0.002 min

Lab File: VN070763.D

Acq: 24 Jan 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

PSC-124055ME

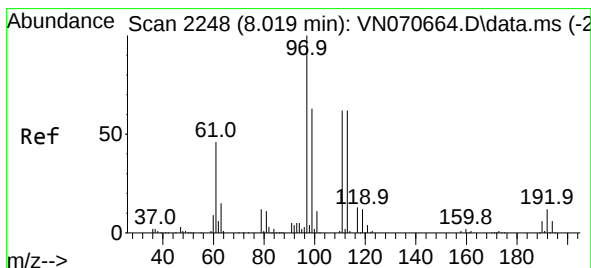
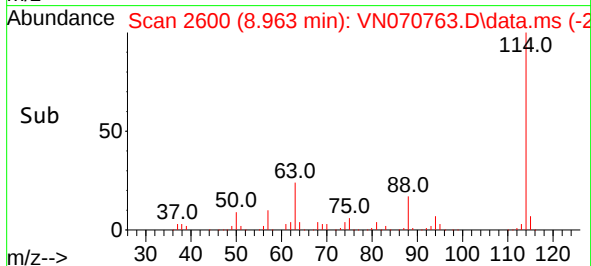
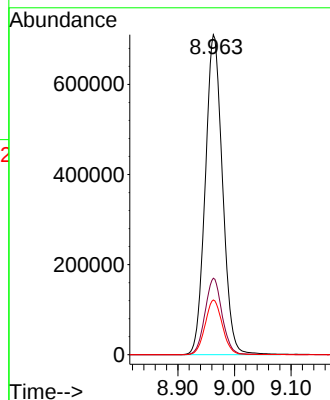
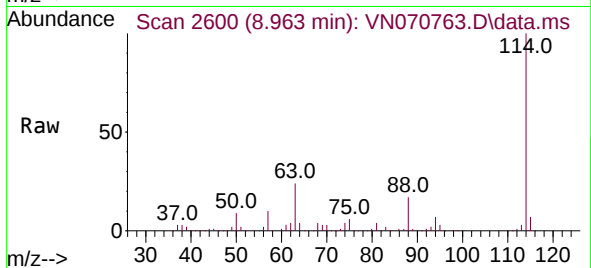
Tgt Ion:114 Resp: 1504260

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 17.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.897 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.003 min

Lab File: VN070763.D

Acq: 24 Jan 2022 18:27

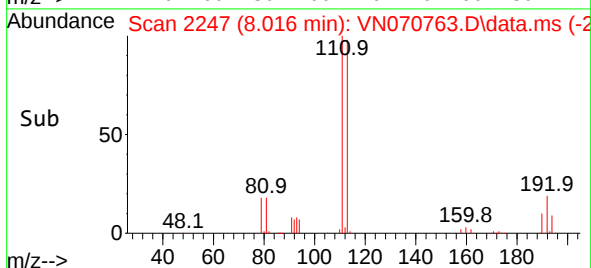
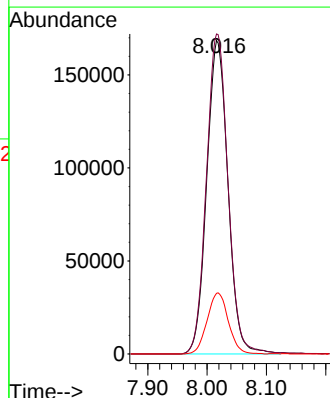
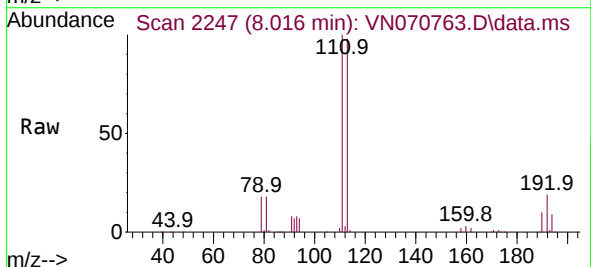
Tgt Ion:113 Resp: 418932

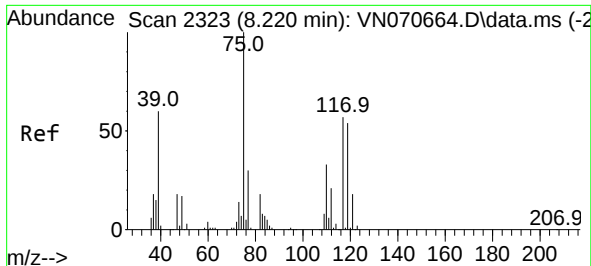
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 19.5 16.9 25.3

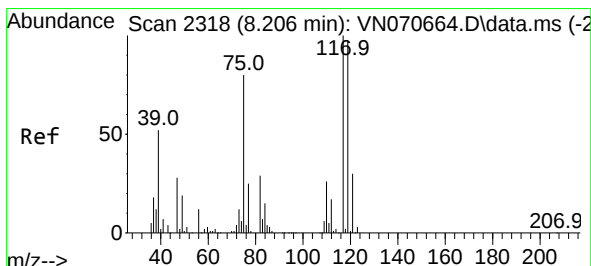
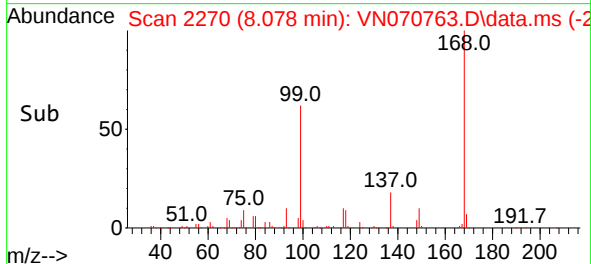
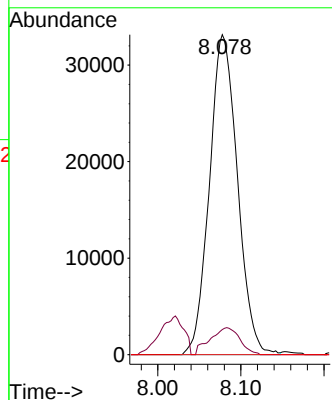
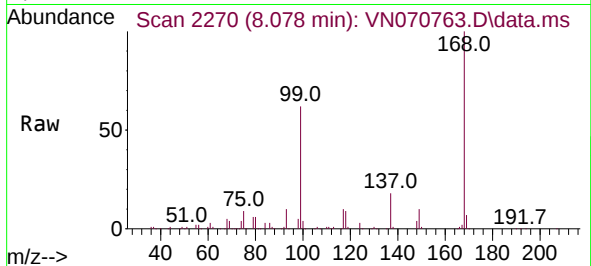




#36
1,1-Dichloropropene
Concen: 4.947 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.142 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

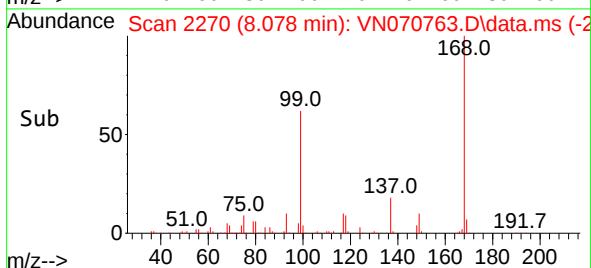
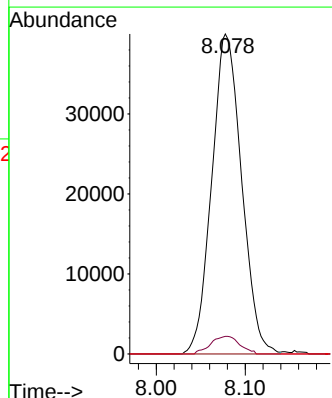
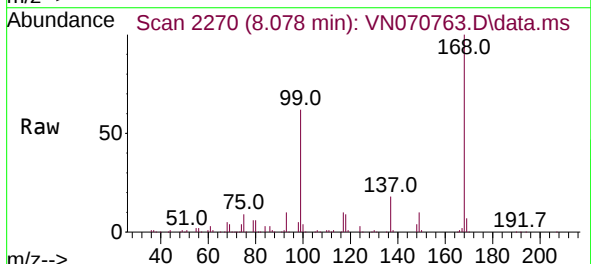
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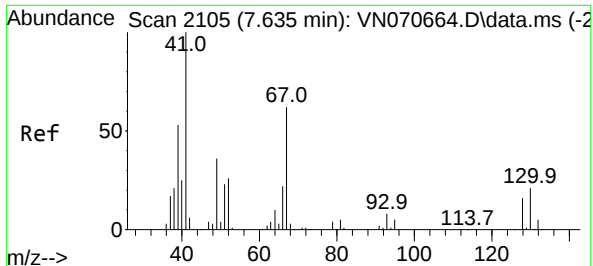
Tgt Ion: 75 Resp: 77706
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.668 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 117 Resp: 93177
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#

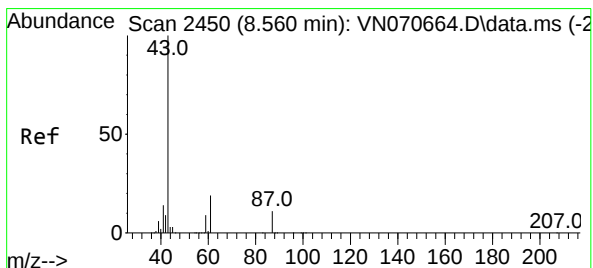
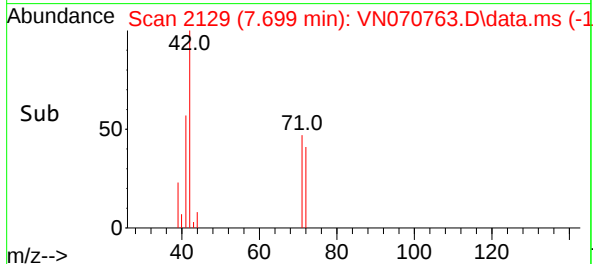
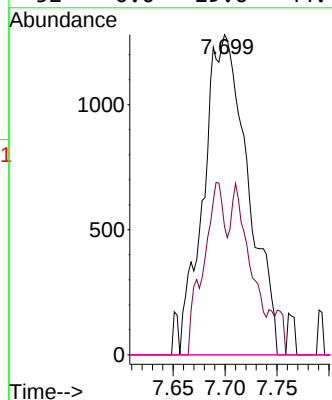
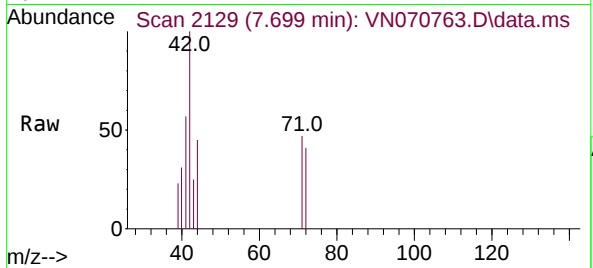




#41
Methacrylonitrile
Concen: 0.358 ug/l
RT: 7.699 min Scan# 2105
Delta R.T. 0.064 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

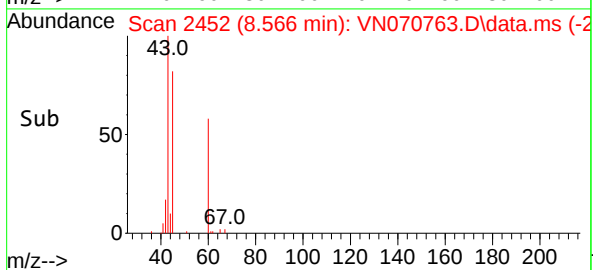
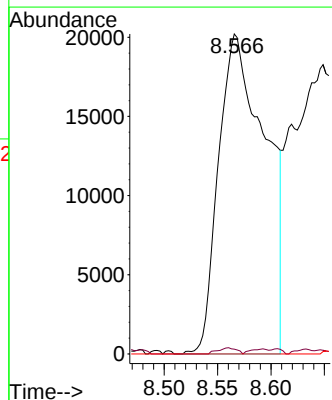
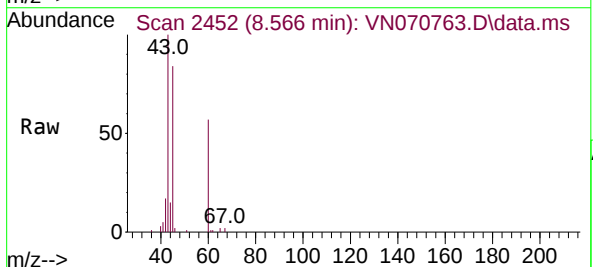
Instrument :
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PSC-124055ME

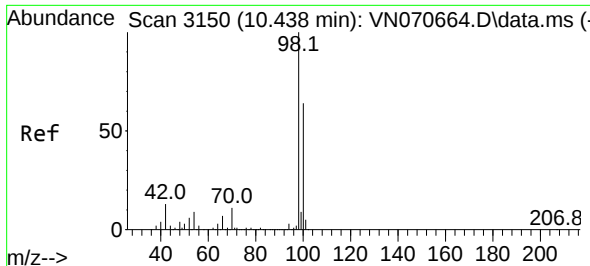
Tgt Ion: 41	Resp:	3803
Ion	Ratio	Lower Upper
41	100	
39	26.6	48.1 72.1#
67	0.0	68.3 102.5#
52	0.0	29.6 44.4#



#43
Isopropyl Acetate
Concen: 1.928 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.006 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 43	Resp:	61399
Ion	Ratio	Lower Upper
43	100	
61	0.8	20.4 30.6#
87	0.0	11.2 16.8#

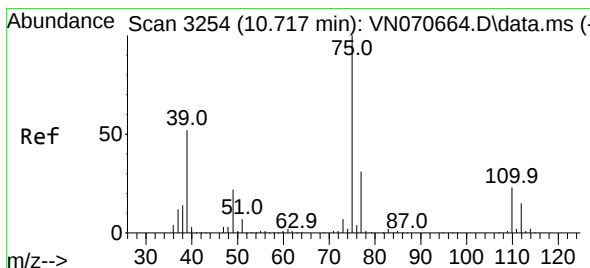
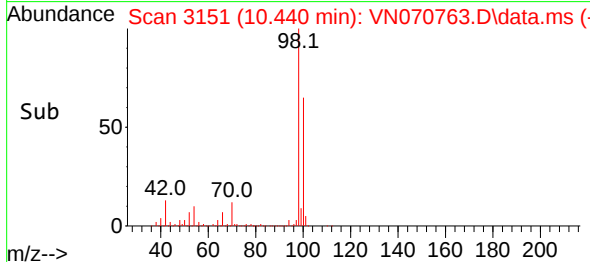
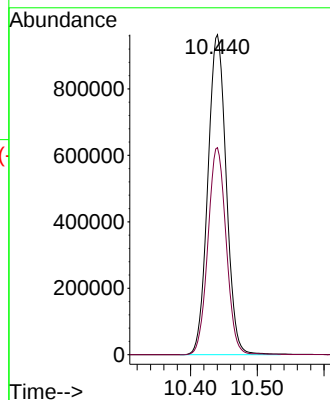
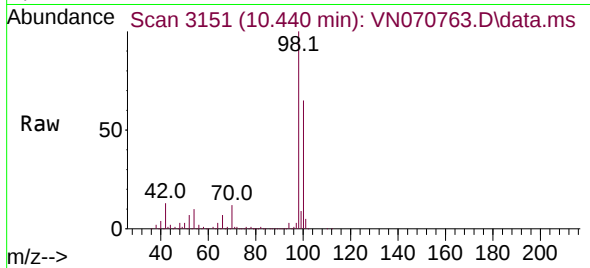




#50
Toluene-d8
Concen: 46.885 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

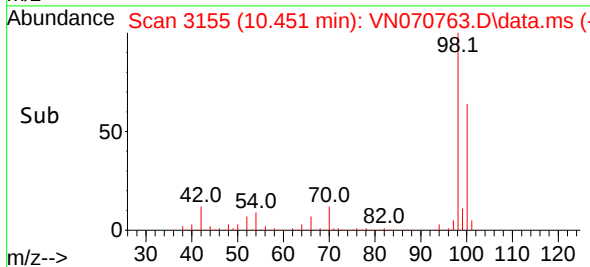
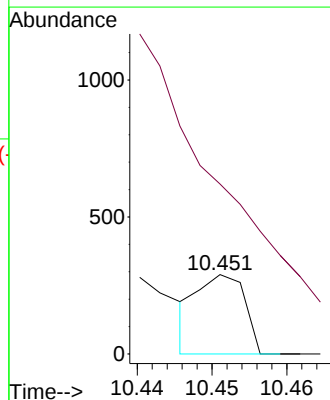
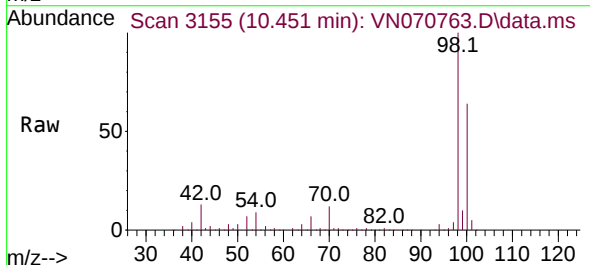
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

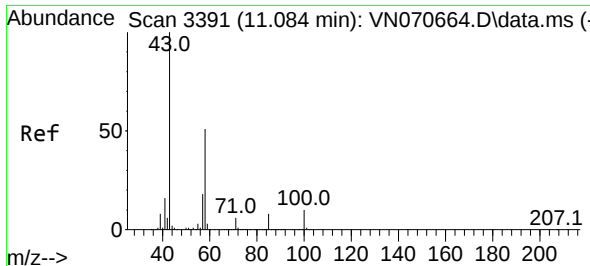
Tgt Ion: 98 Resp: 1843019
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.410 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.266 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
77 89.7 25.6 38.4#

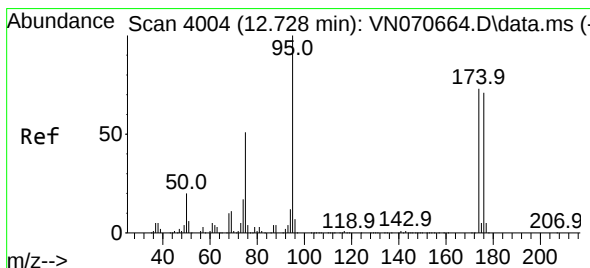
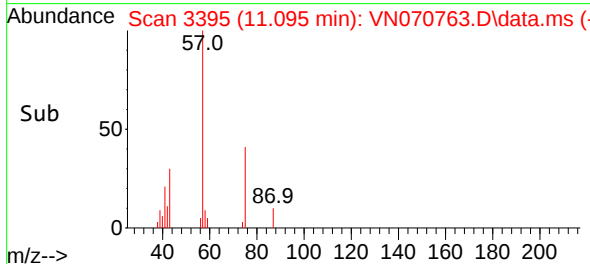
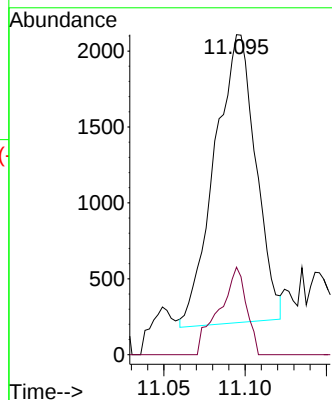
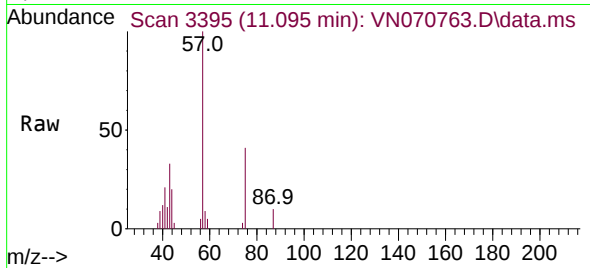




#59
2-Hexanone
Concen: 0.227 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

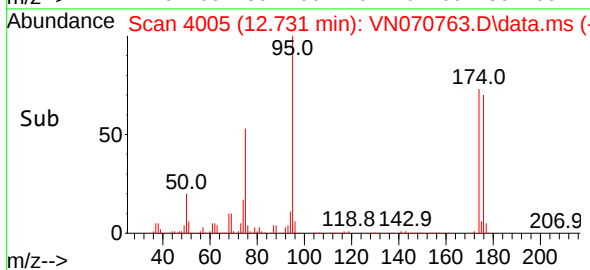
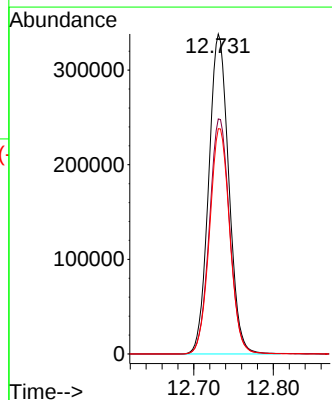
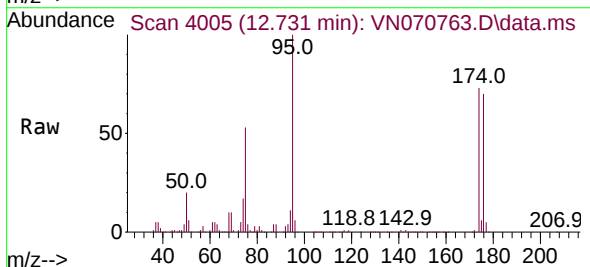
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

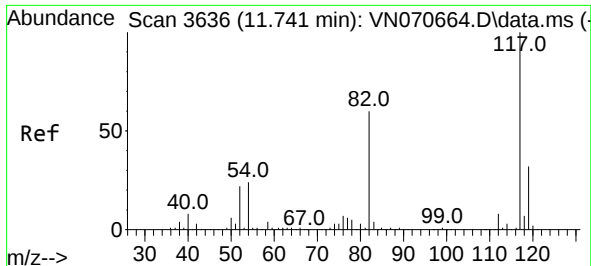
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 20.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 42.308 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 95 Resp: 592624
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 70.9 0.0 181.4

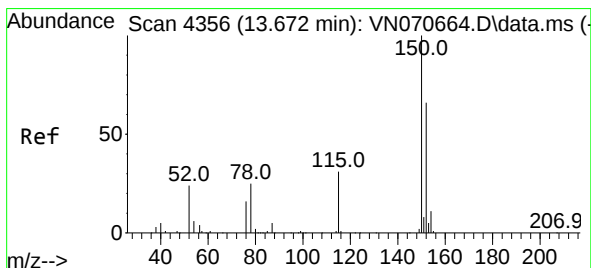
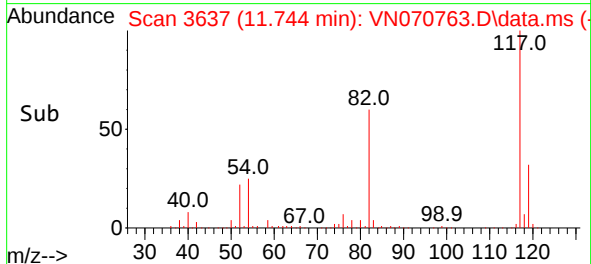
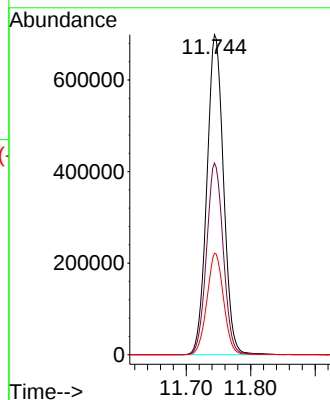
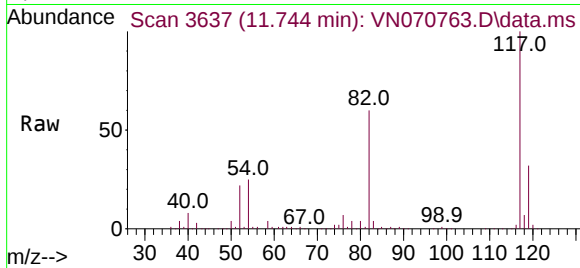




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

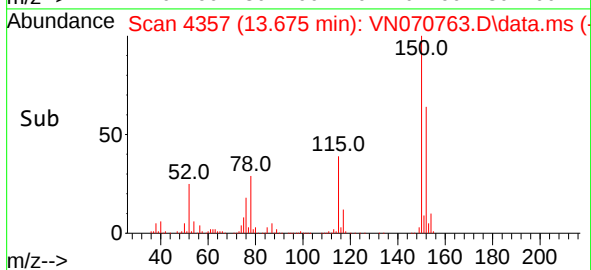
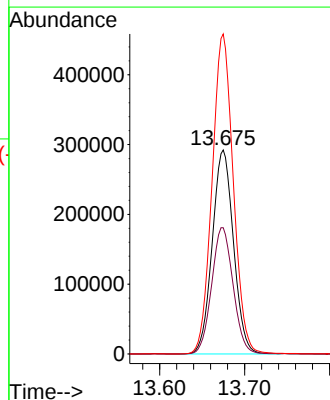
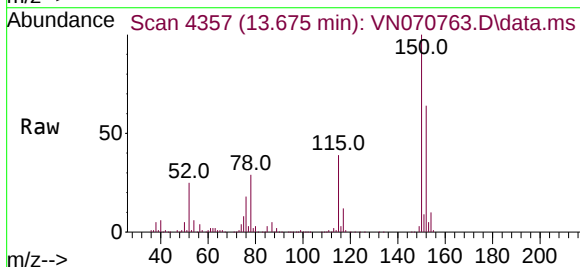
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

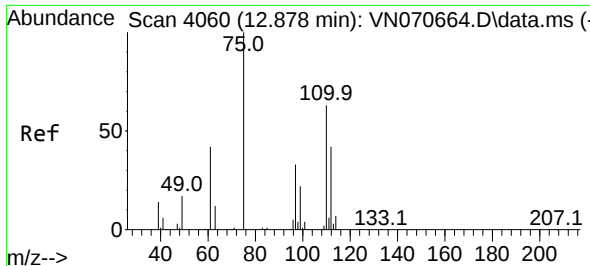
Tgt Ion:117 Resp: 1253707
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion:152 Resp: 507670
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 156.4 0.0 344.4

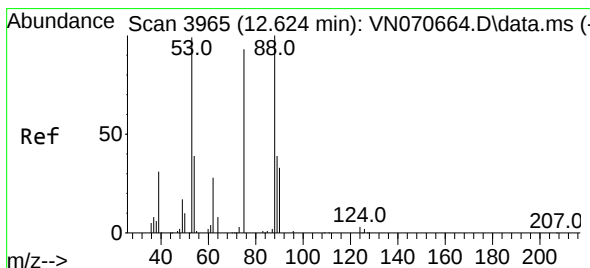
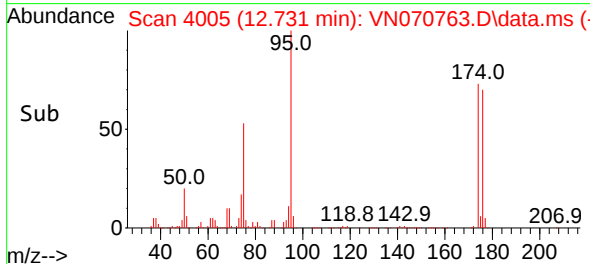
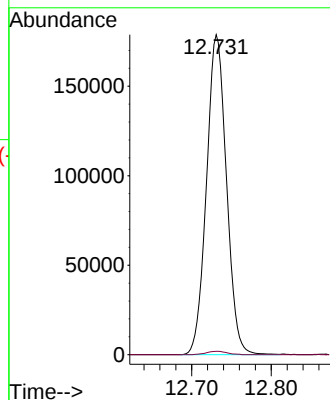
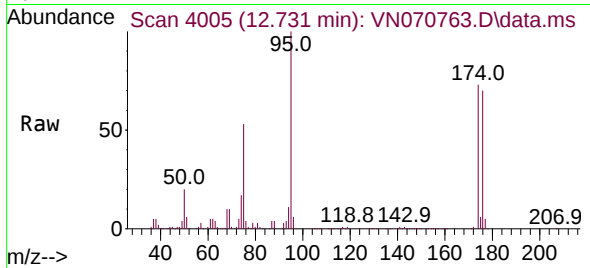




#76
1,2,3-Trichloropropane
Concen: 23.131 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

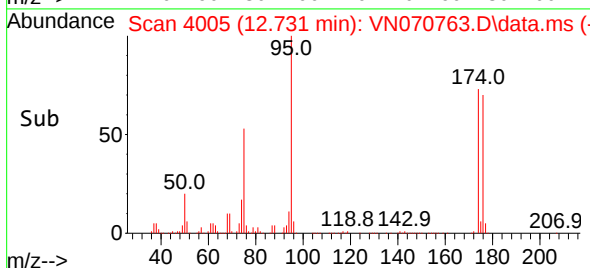
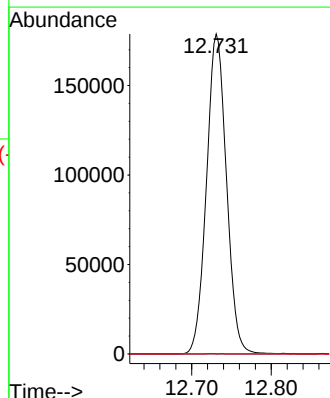
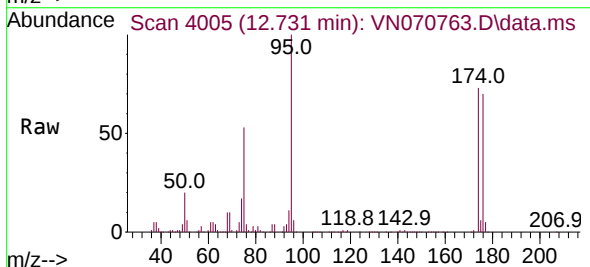
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

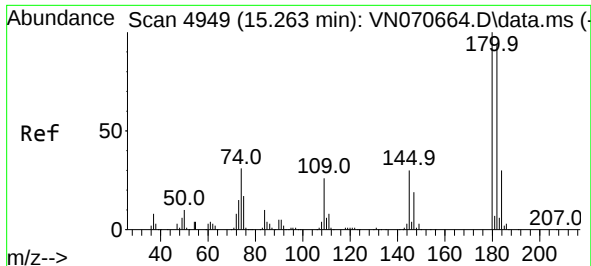
Tgt Ion: 75 Resp: 311451
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.911 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion: 75 Resp: 311451
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

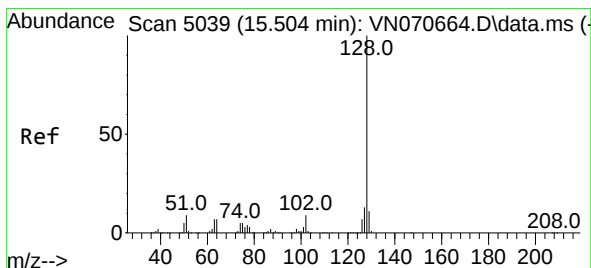
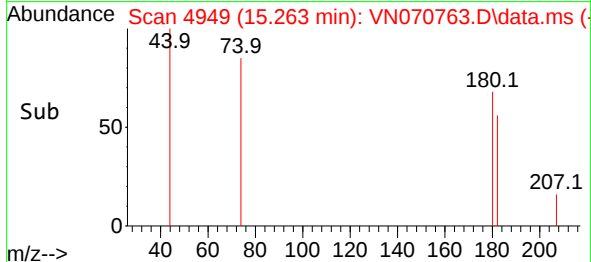
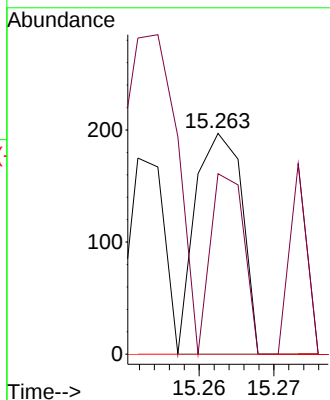
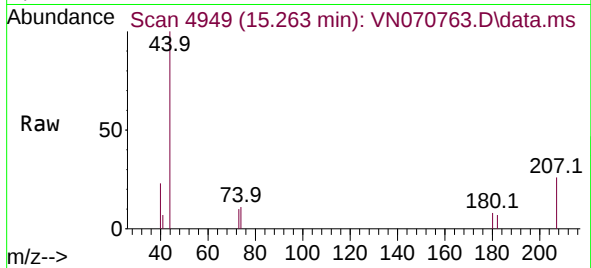




#93
1,2,4-Trichlorobenzene
Concen: 3.434 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

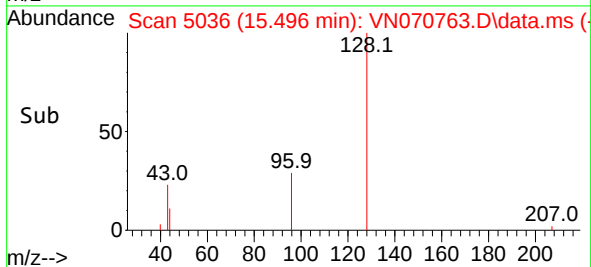
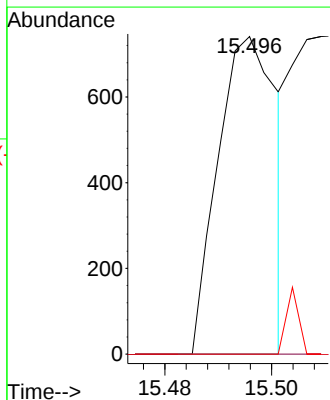
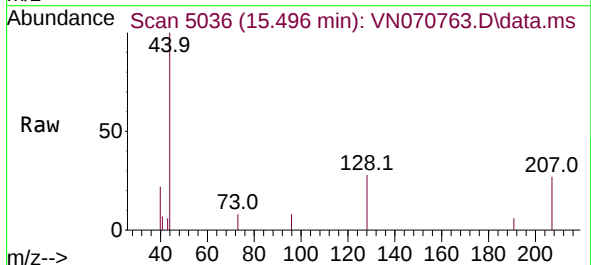
Instrument :
MSVOA_N
ClientSampleId :
PSC-124055ME

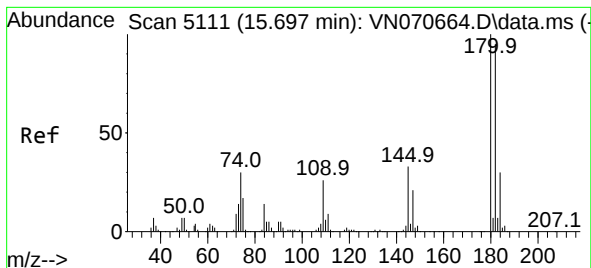
Tgt Ion:180 Resp: 86
Ion Ratio Lower Upper
180 100
182 58.1 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.968 ug/l
RT: 15.496 min Scan# 5036
Delta R.T. -0.008 min
Lab File: VN070763.D
Acq: 24 Jan 2022 18:27

Tgt Ion:128 Resp: 562
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 4.4 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 3.232 ug/l

RT: 15.694 min Scan# 51

Delta R.T. -0.003 min

Lab File: VN070763.D

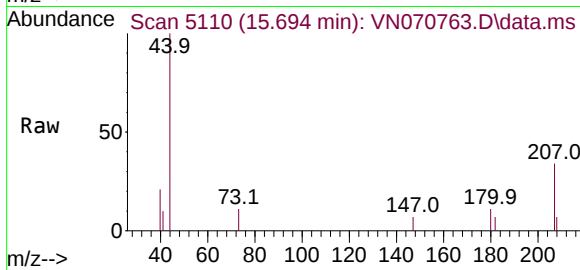
Acq: 24 Jan 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

PSC-124055ME



Tgt Ion:180 Resp: 154

Ion Ratio Lower Upper

180 100

182 163.6 47.4 142.2#

145 0.0 15.0 45.1#

