

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070762.D
 Acq On : 24 Jan 2022 18:01
 Operator : JC/MD
 Sample : N1242-01
 Misc : 4.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC-124042

Quant Time: Jan 24 23:34:11 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)

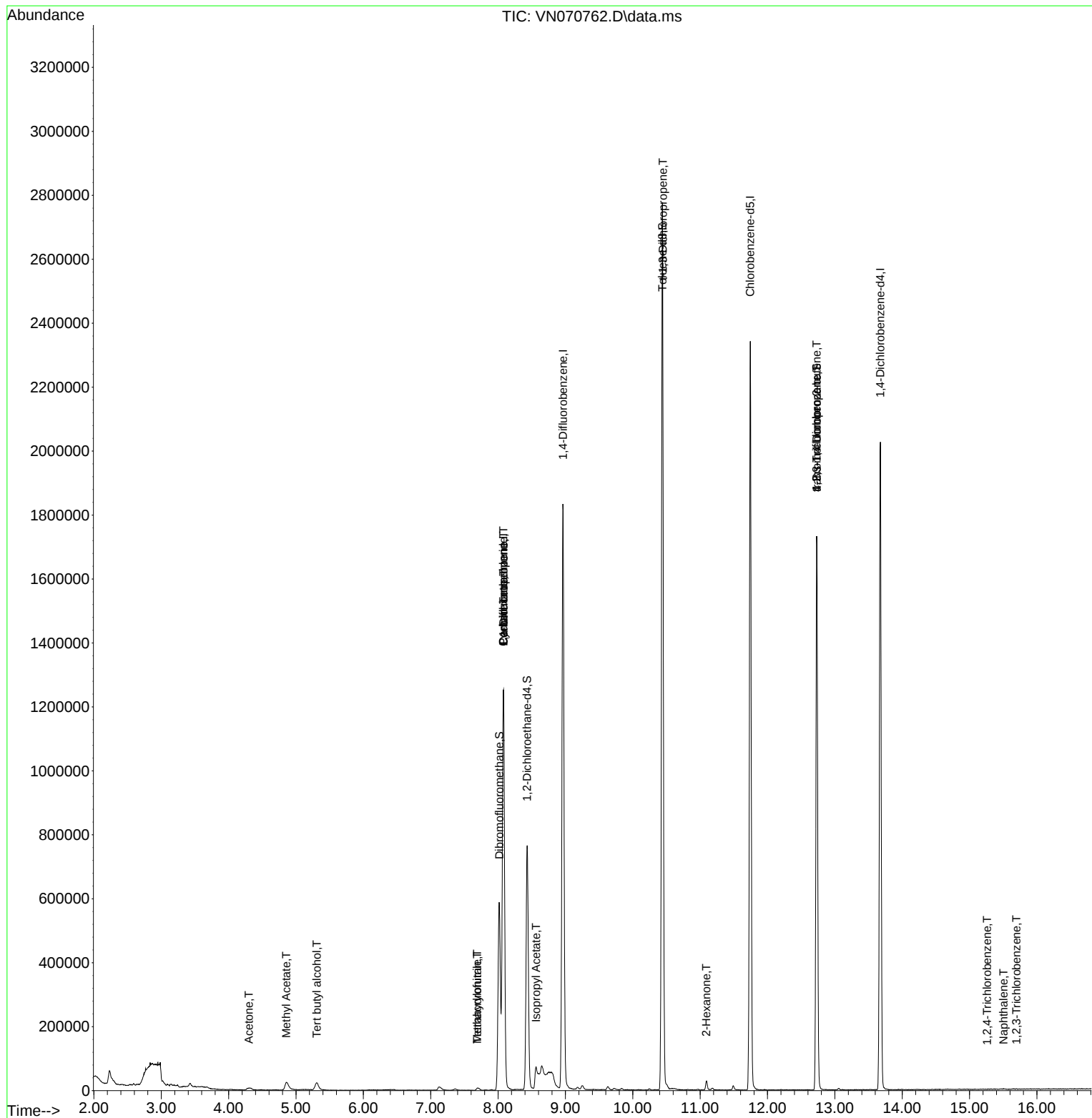
Internal Standards						
1) Pentafluorobenzene	8.080	168	977372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1580528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1324500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	551541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	663910	47.398	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.800%		
35) Dibromofluoromethane	8.019	113	444798	45.369	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.740%		
50) Toluene-d8	10.440	98	1925168	46.612	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.220%		
62) 4-Bromofluorobenzene	12.731	95	631813	42.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.860%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.310	59	25357	10.034	ug/l #	71
16) Acetone	4.299	43	4289	0.441	ug/l	95
18) Methyl Acetate	4.854	43	64972	3.398	ug/l	91
29) Tetrahydrofuran	7.689	42	2411	0.322	ug/l	96
30) Chloroform	7.809	83	780	Below Cal		98
31) Cyclohexane	8.078	56	22596	0.916	ug/l #	11
36) 1,1-Dichloropropene	8.078	75	80175	4.858	ug/l #	49
38) Carbon Tetrachloride	8.080	117	100345	6.834	ug/l #	16
41) Methacrylonitrile	7.691	41	4268	0.383	ug/l #	31
43) Isopropyl Acetate	8.563	43	57018	1.704	ug/l #	57
53) t-1,3-Dichloropropene	10.446	75	365	2.421	ug/l #	1
59) 2-Hexanone	11.092	43	5154	0.332	ug/l #	54
76) 1,2,3-Trichloropropane	12.731	75	330467	22.591	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	330467	67.302	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	201	3.444	ug/l #	73
95) Naphthalene	15.504	128	1964	5.010	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.694	180	135	3.229	ug/l #	64

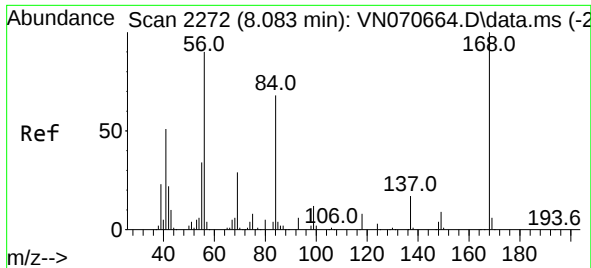
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
Data File : VN070762.D
Acq On : 24 Jan 2022 18:01
Operator : JC/MD
Sample : N1242-01
Misc : 4.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

Quant Time: Jan 24 23:34:11 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

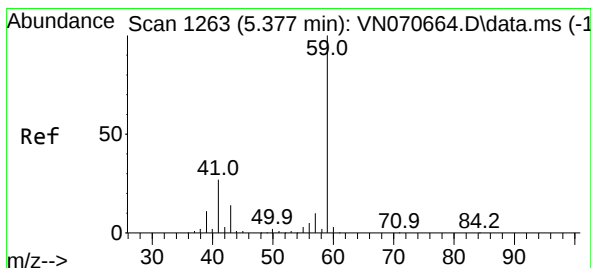
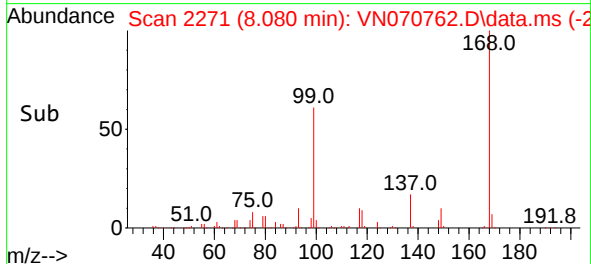
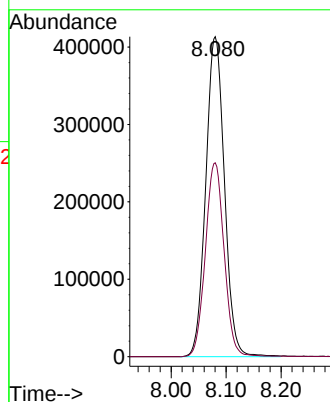
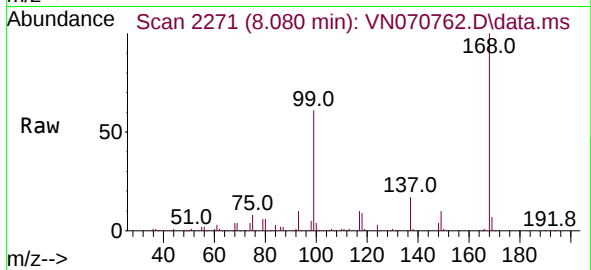




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

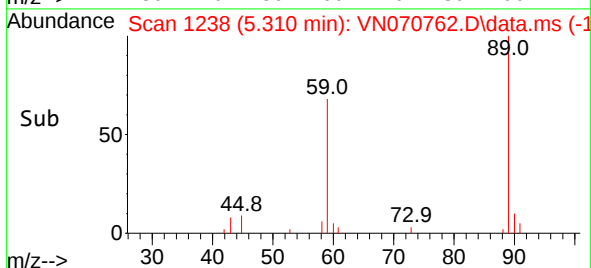
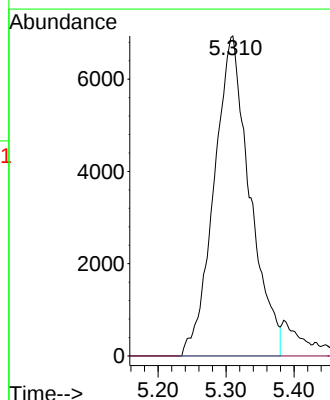
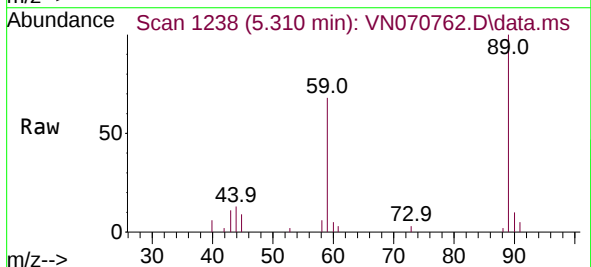
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

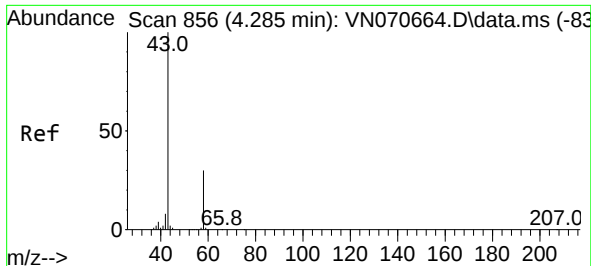
Tgt Ion:168 Resp: 977372
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 10.034 ug/l
RT: 5.310 min Scan# 1238
Delta R.T. -0.067 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion: 59 Resp: 25357
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

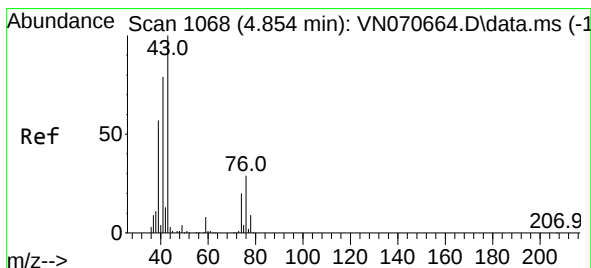
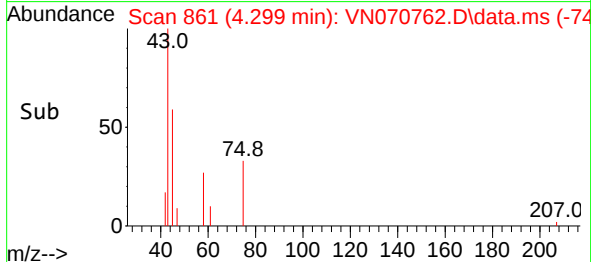
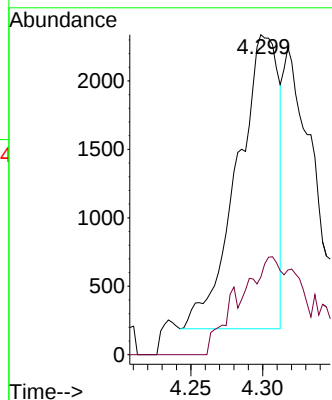
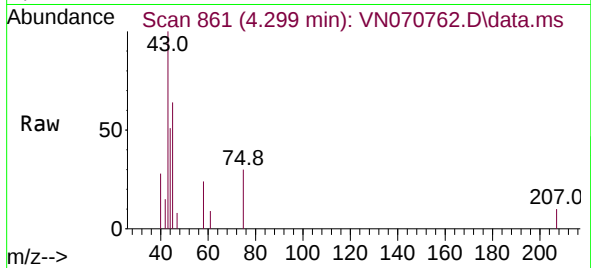




#16
Acetone
Concen: 0.441 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.014 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

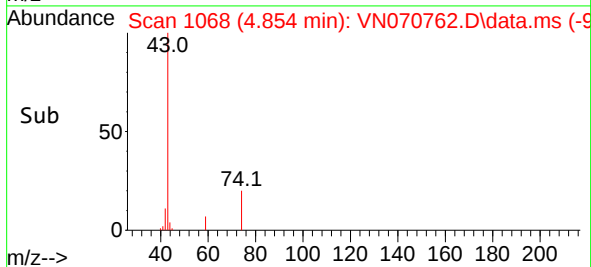
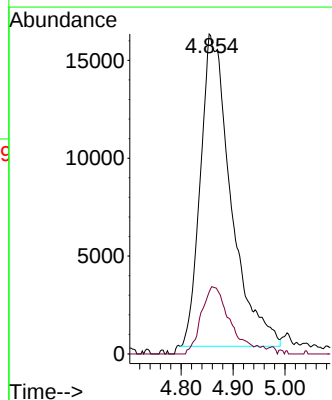
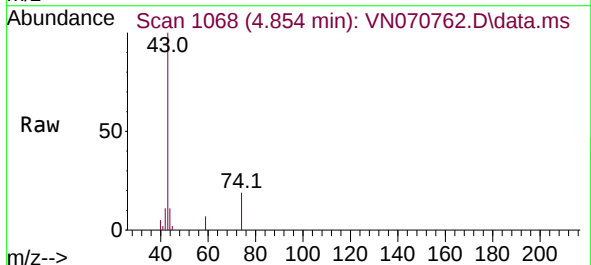
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

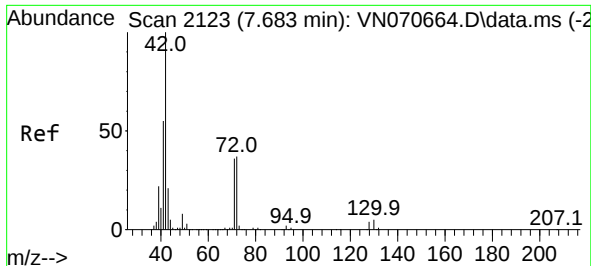
Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7



#18
Methyl Acetate
Concen: 3.398 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion: 43 Resp: 64972
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.322 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.006 min

Lab File: VN070762.D

Acq: 24 Jan 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

PSC-124042

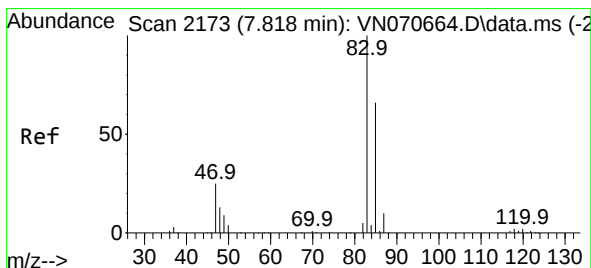
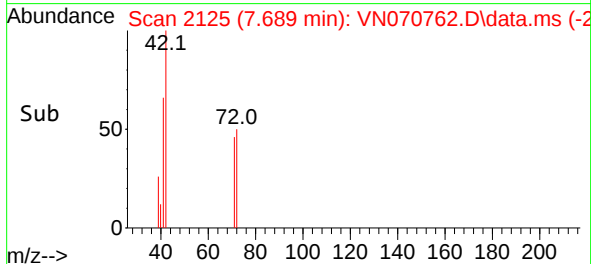
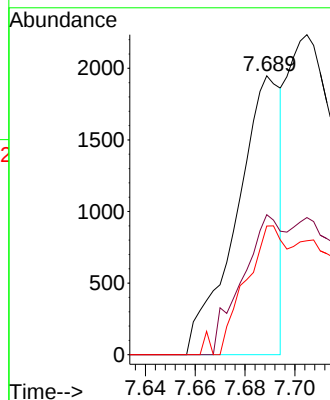
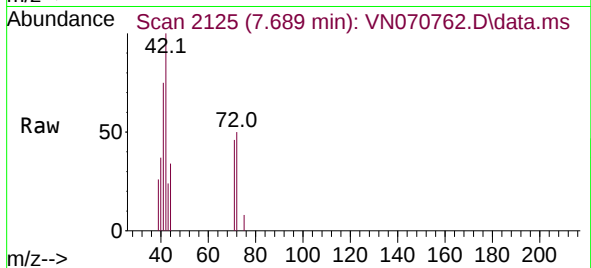
Tgt Ion: 42 Resp: 2411

Ion Ratio Lower Upper

42 100

72 48.8 36.3 54.5

71 41.2 34.7 52.1



#30

Chloroform

Concen: Below Cal

RT: 7.809 min Scan# 2170

Delta R.T. -0.009 min

Lab File: VN070762.D

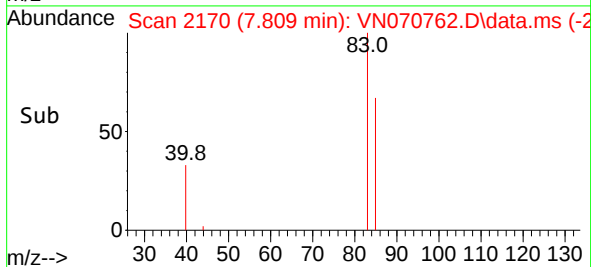
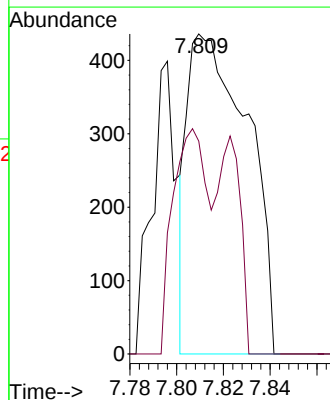
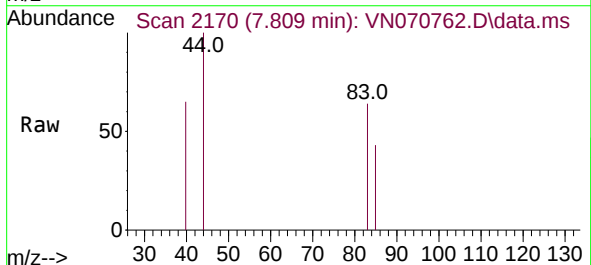
Acq: 24 Jan 2022 18:01

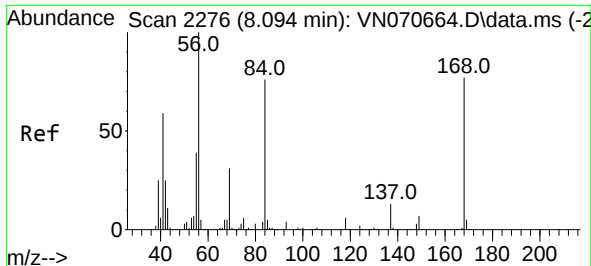
Tgt Ion: 83 Resp: 780

Ion Ratio Lower Upper

83 100

85 66.5 51.9 77.9

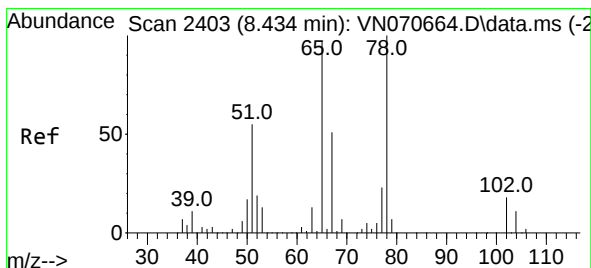
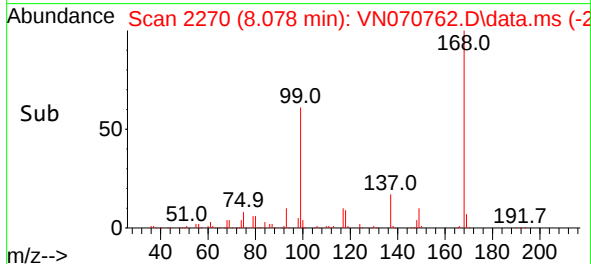
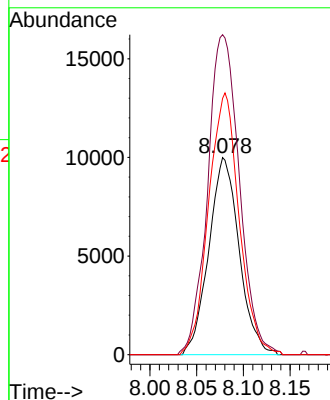
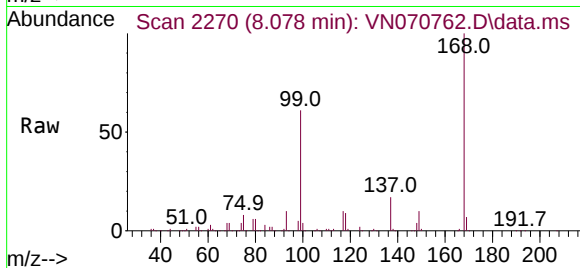




#31
Cyclohexane
Concen: 0.916 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

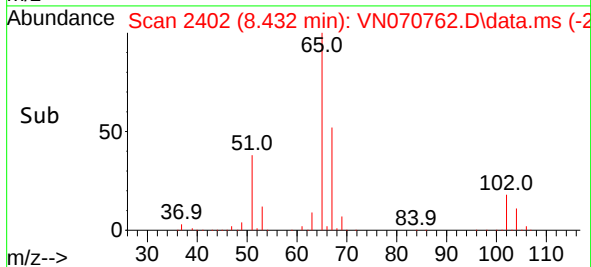
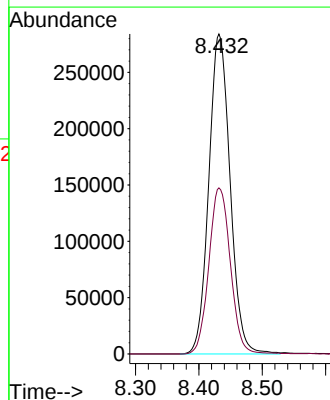
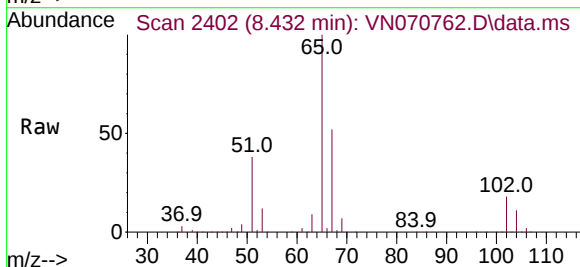
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

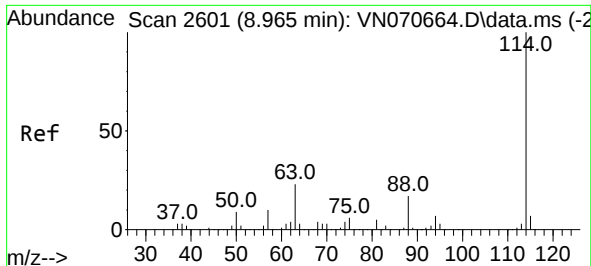
Tgt Ion: 56 Resp: 22596
Ion Ratio Lower Upper
56 100
69 160.7 27.1 40.7#
84 130.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.398 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion: 65 Resp: 663910
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

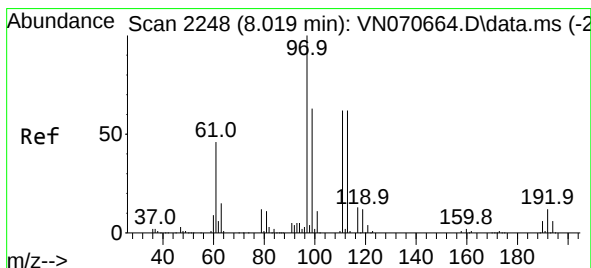
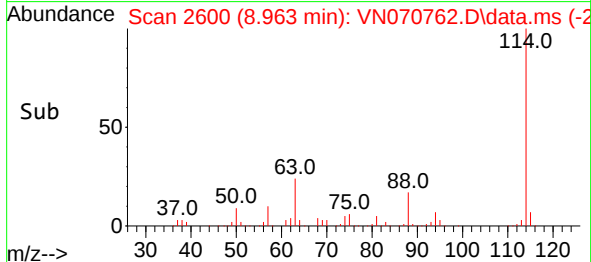
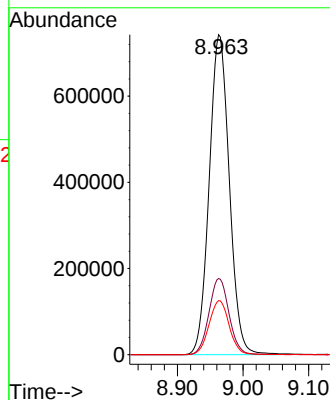
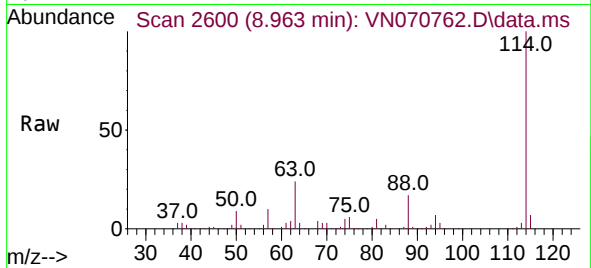




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

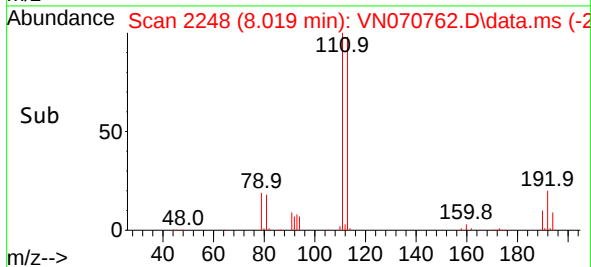
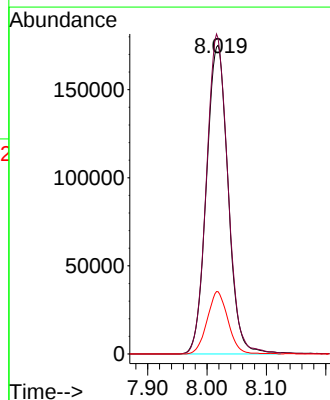
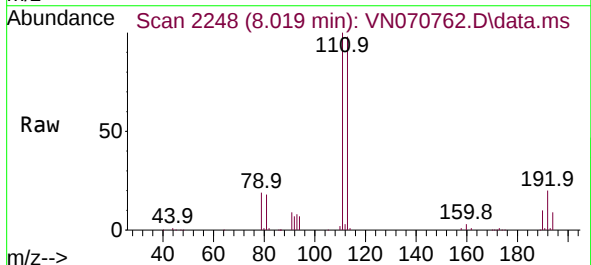
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

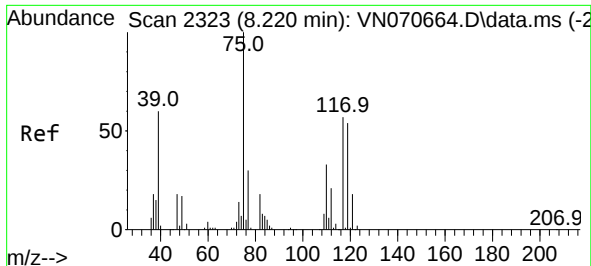
Tgt Ion:114 Resp: 1580528
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.369 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion:113 Resp: 444798
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.3 16.9 25.3

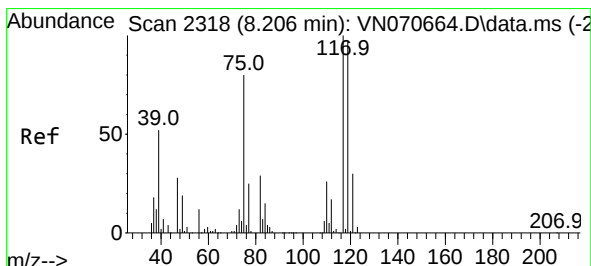
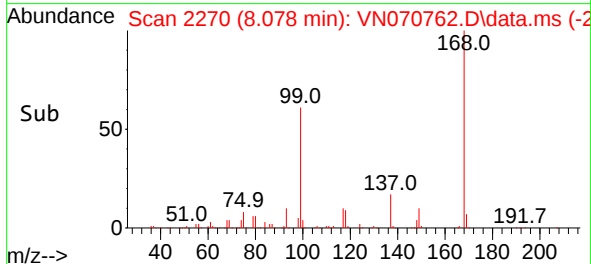
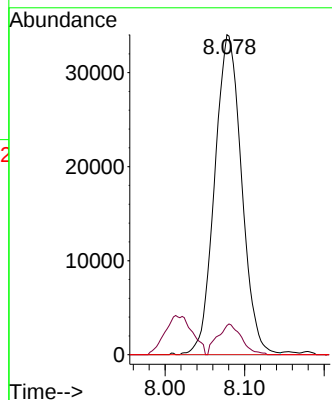
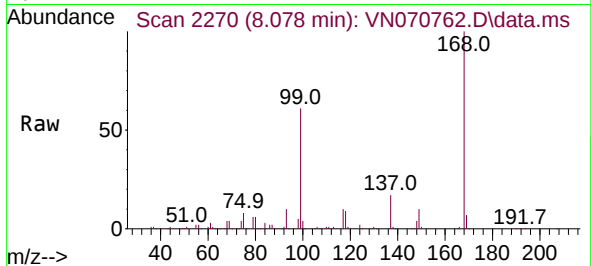




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.142 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

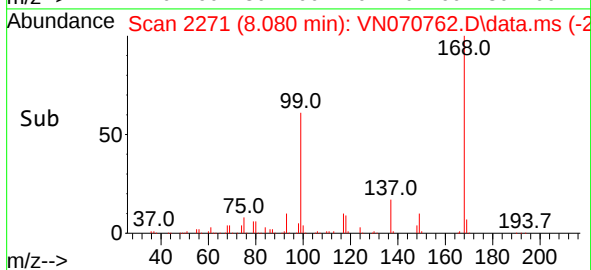
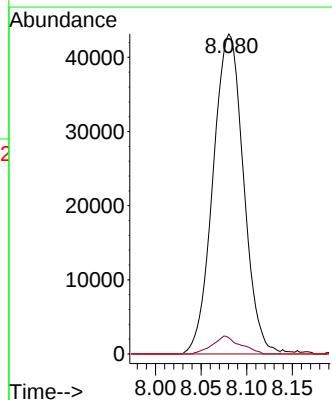
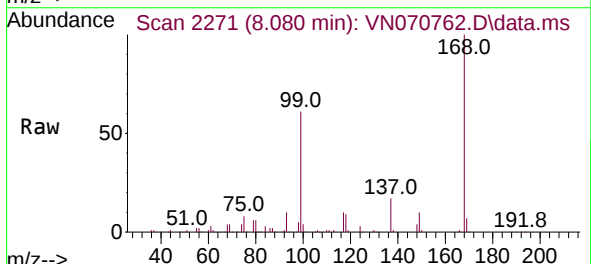
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

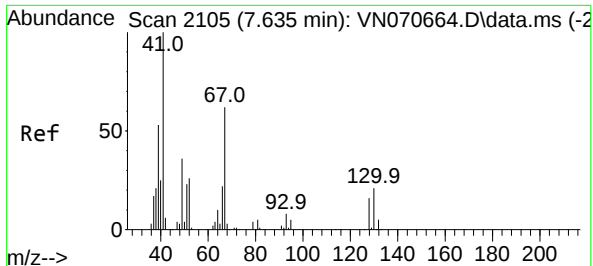
Tgt Ion: 75 Resp: 80175
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.834 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion: 117 Resp: 100345
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#

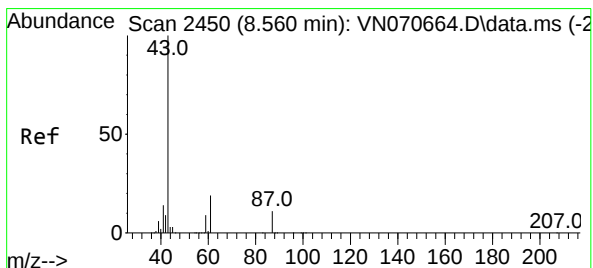
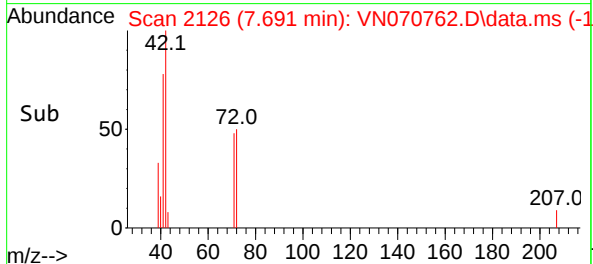
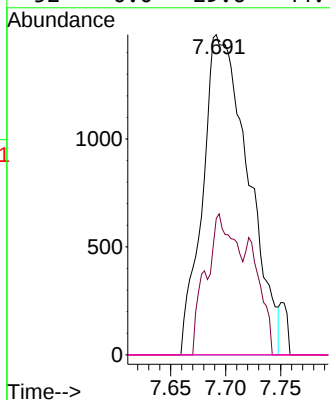
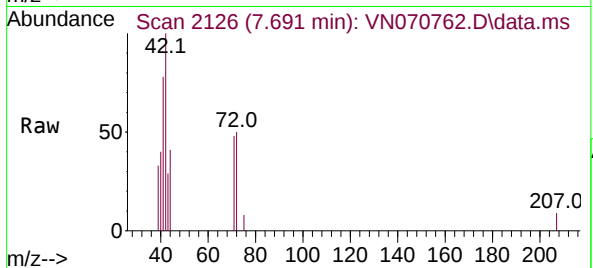




#41
Methacrylonitrile
Concen: 0.383 ug/l
RT: 7.691 min Scan# 2105
Delta R.T. 0.056 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

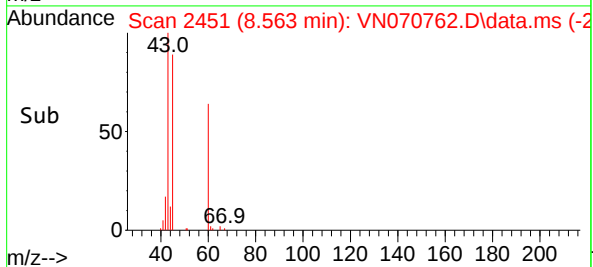
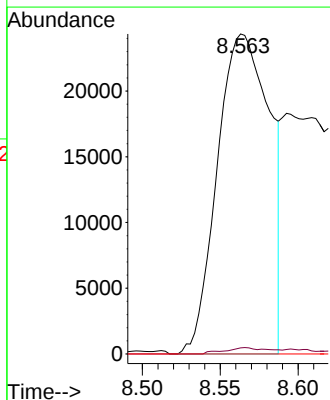
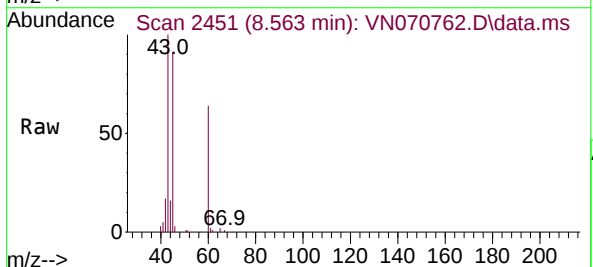
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

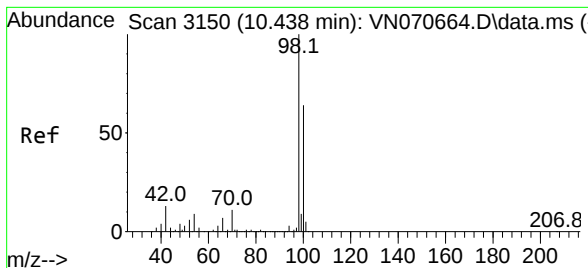
Tgt Ion:	41	Resp:	4268
Ion	Ratio	Lower	Upper
41	100		
39	30.0	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 1.704 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion:	43	Resp:	57018
Ion	Ratio	Lower	Upper
43	100		
61	1.2	20.4	30.6#
87	0.0	11.2	16.8#





#50

Toluene-d8

Concen: 46.612 ug/l

RT: 10.440 min Scan# 3150

Delta R.T. 0.002 min

Lab File: VN070762.D

Acq: 24 Jan 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

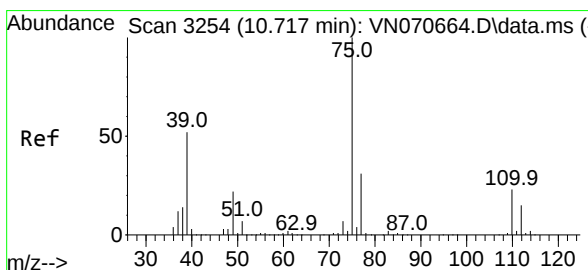
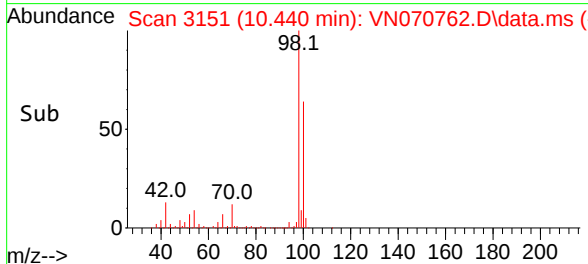
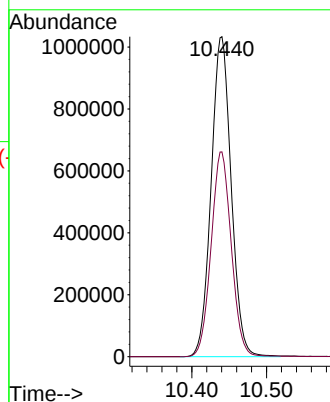
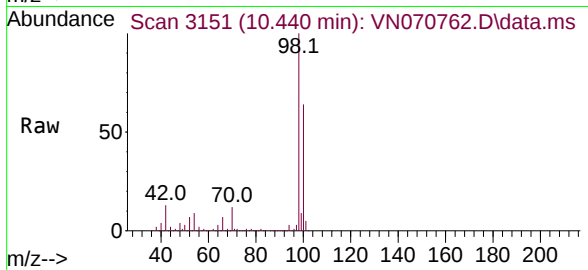
PSC-124042

Tgt Ion: 98 Resp: 1925168

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6



#53

t-1,3-Dichloropropene

Concen: 2.421 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. -0.271 min

Lab File: VN070762.D

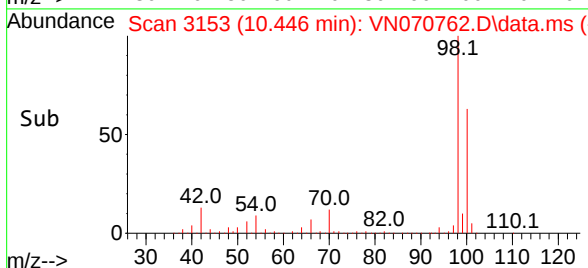
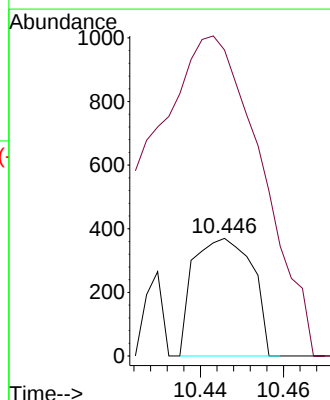
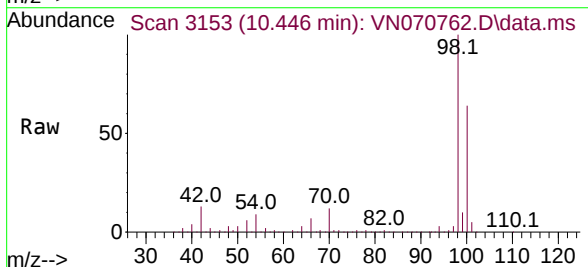
Acq: 24 Jan 2022 18:01

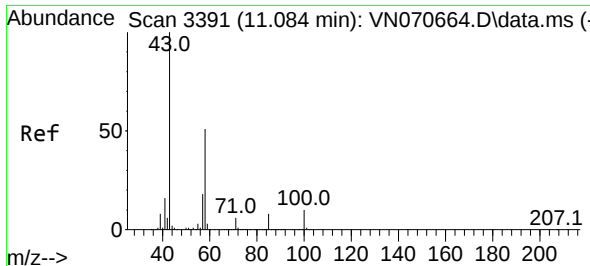
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

77 166.8 25.6 38.4#

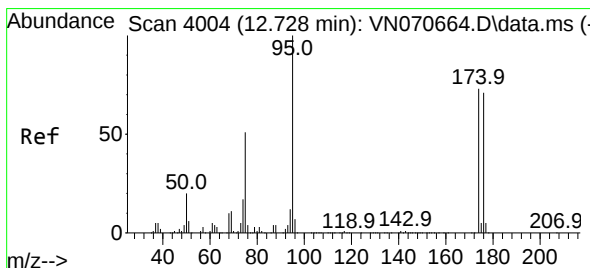
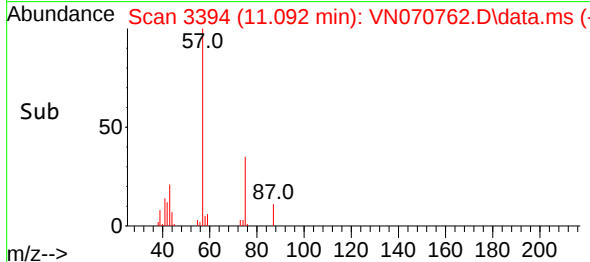
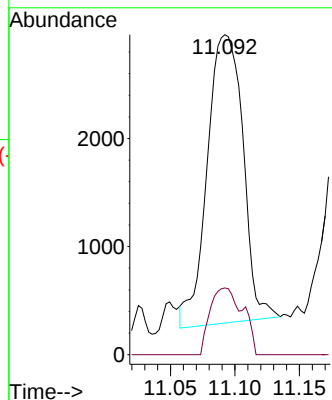
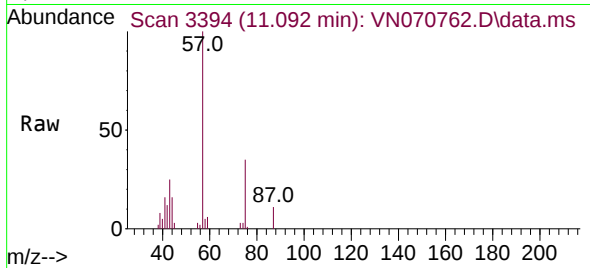




#59
2-Hexanone
Concen: 0.332 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

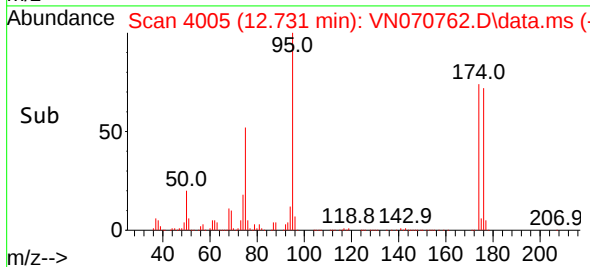
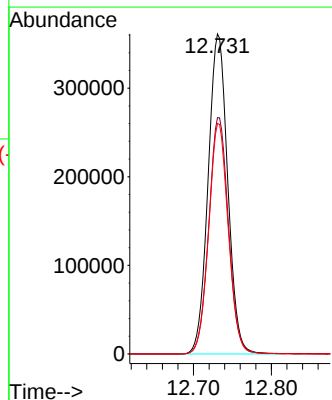
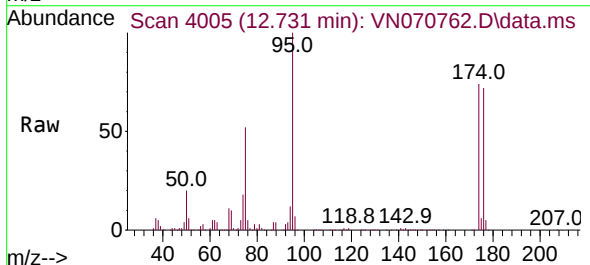
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

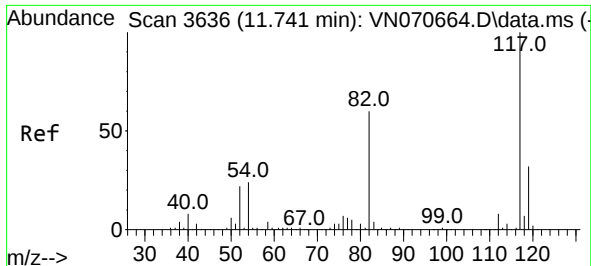
Tgt Ion: 43 Resp: 5154
Ion Ratio Lower Upper
43 100
58 21.1 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 42.929 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion: 95 Resp: 631813
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.8 0.0 181.4

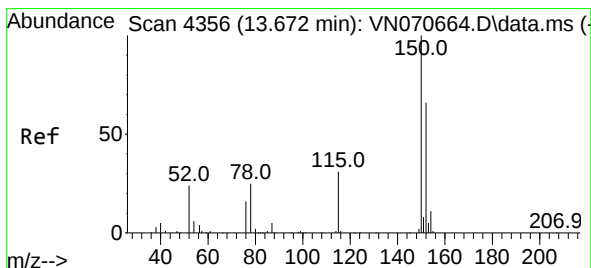
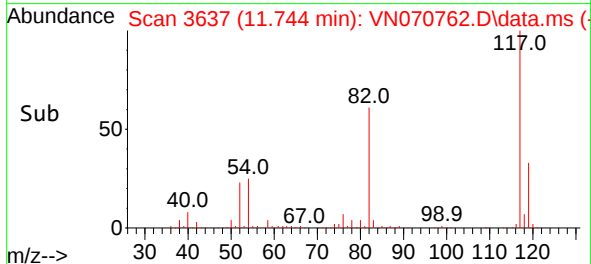
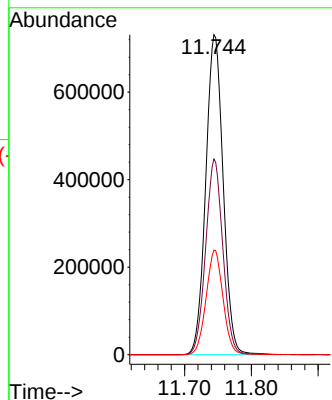
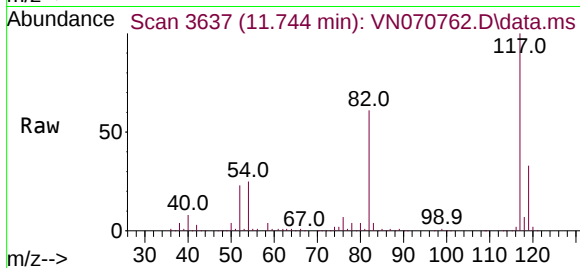




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

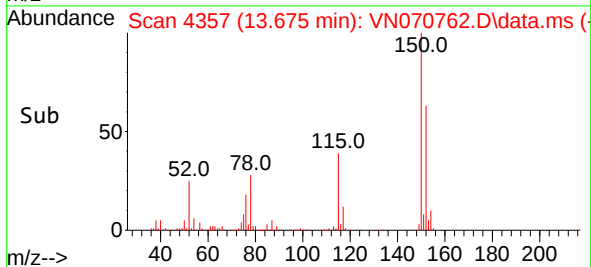
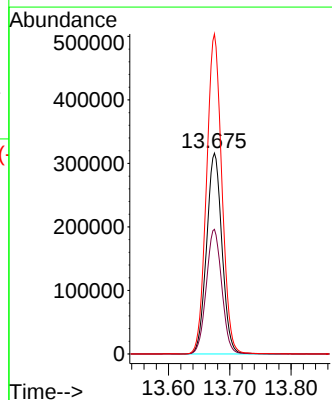
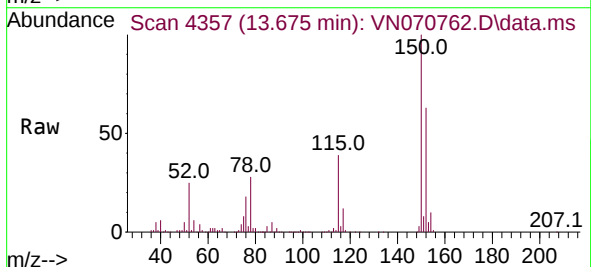
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

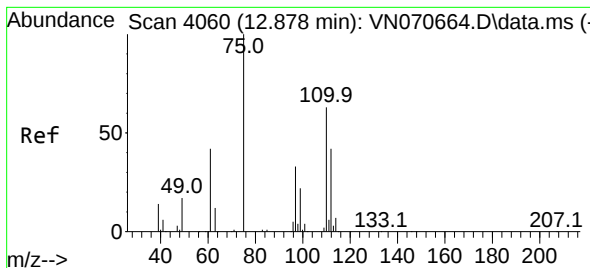
Tgt Ion:117 Resp: 1324500
Ion Ratio Lower Upper
117 100
82 61.1 42.4 63.6
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

Tgt Ion:152 Resp: 551541
Ion Ratio Lower Upper
152 100
115 62.3 27.5 82.5
150 158.5 0.0 344.4





#76

1,2,3-Trichloropropane

Concen: 22.591 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.147 min

Lab File: VN070762.D

Acq: 24 Jan 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

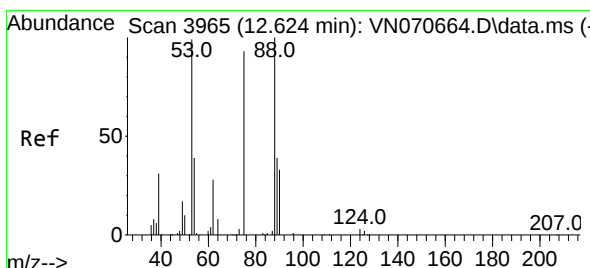
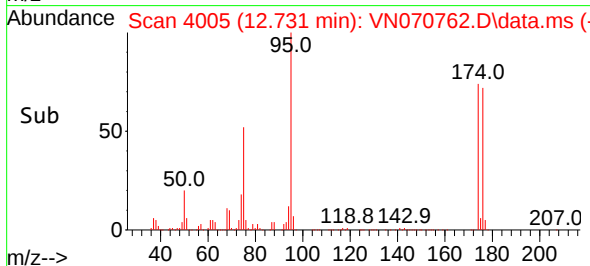
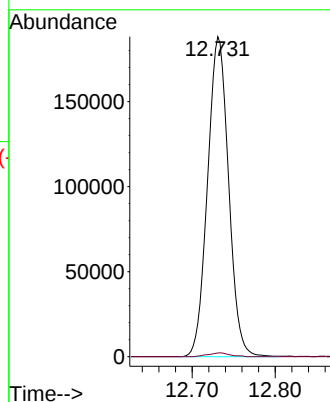
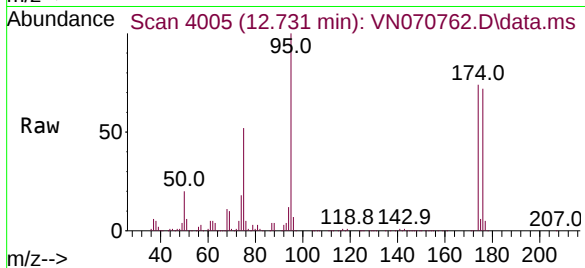
PSC-124042

Tgt Ion: 75 Resp: 330467

Ion Ratio Lower Upper

75 100

77 1.2 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.302 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.107 min

Lab File: VN070762.D

Acq: 24 Jan 2022 18:01

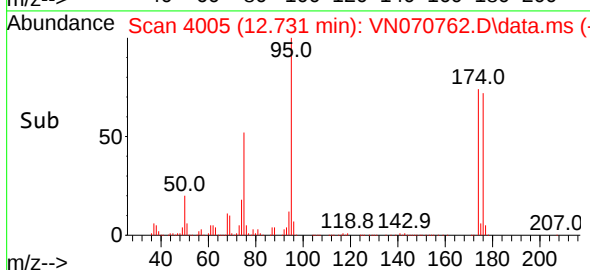
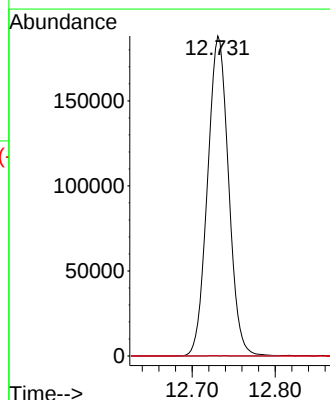
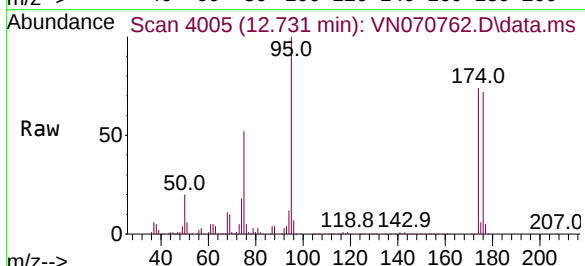
Tgt Ion: 75 Resp: 330467

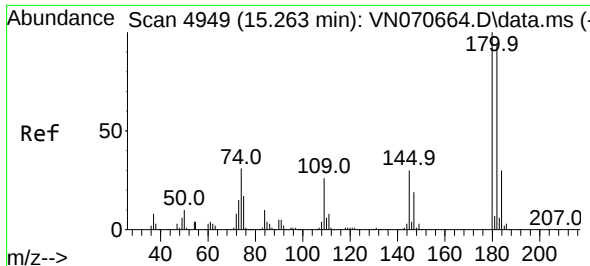
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 38.2 57.4#

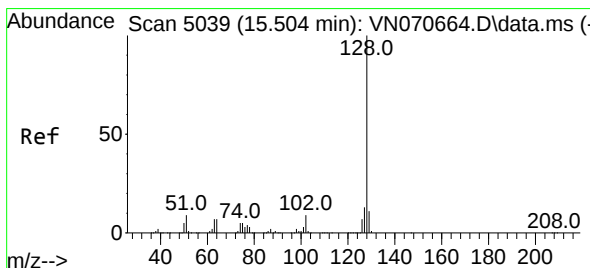
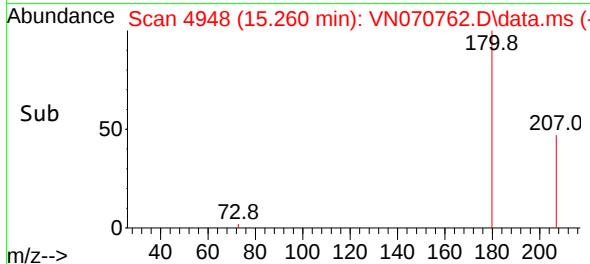
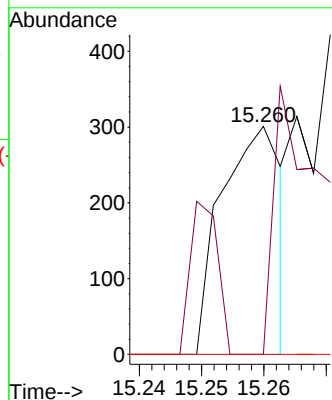
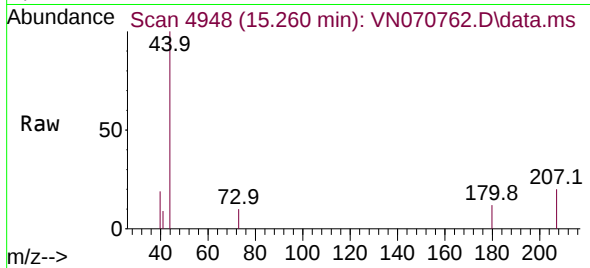




#93
1,2,4-Trichlorobenzene
Concen: 3.444 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

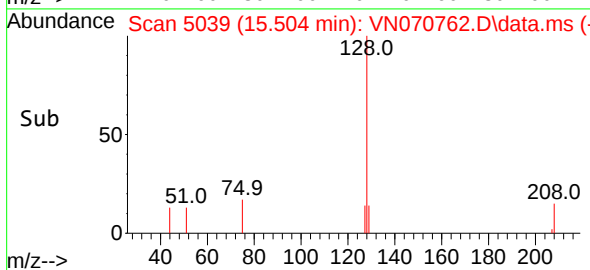
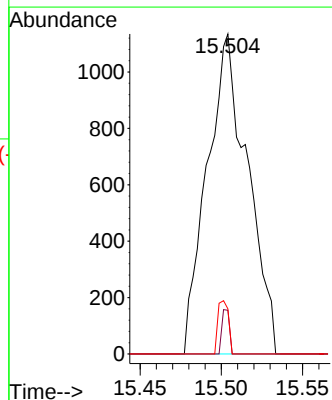
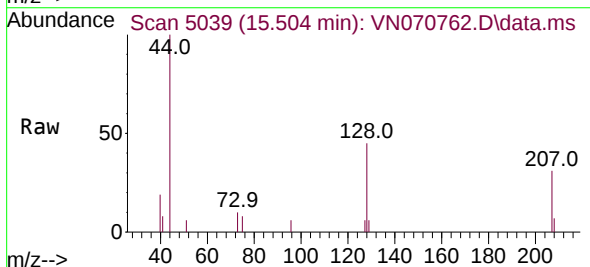
Instrument :
MSVOA_N
ClientSampleId :
PSC-124042

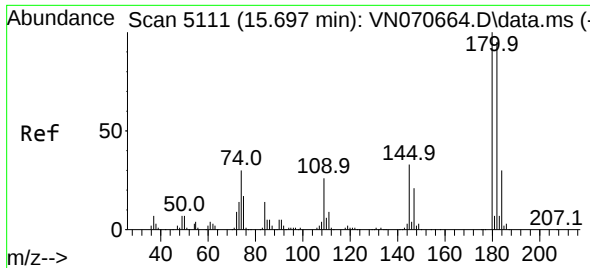
Tgt Ion:180 Resp: 201
Ion Ratio Lower Upper
180 100
182 114.4 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 5.010 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070762.D
Acq: 24 Jan 2022 18:01

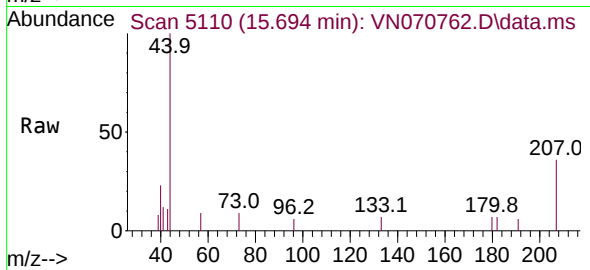
Tgt Ion:128 Resp: 1964
Ion Ratio Lower Upper
128 100
127 2.5 10.5 15.7#
129 4.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.229 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070762.D
 Acq: 24 Jan 2022 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC-124042



Tgt Ion:180 Resp: 135
 Ion Ratio Lower Upper
 180 100
 182 65.9 47.4 142.2
 145 0.0 15.0 45.1#

