

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070274.D
 Acq On : 21 Dec 2021 18:00
 Operator : JC/MD
 Sample : M5184-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3

Quant Time: Dec 21 20:12:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

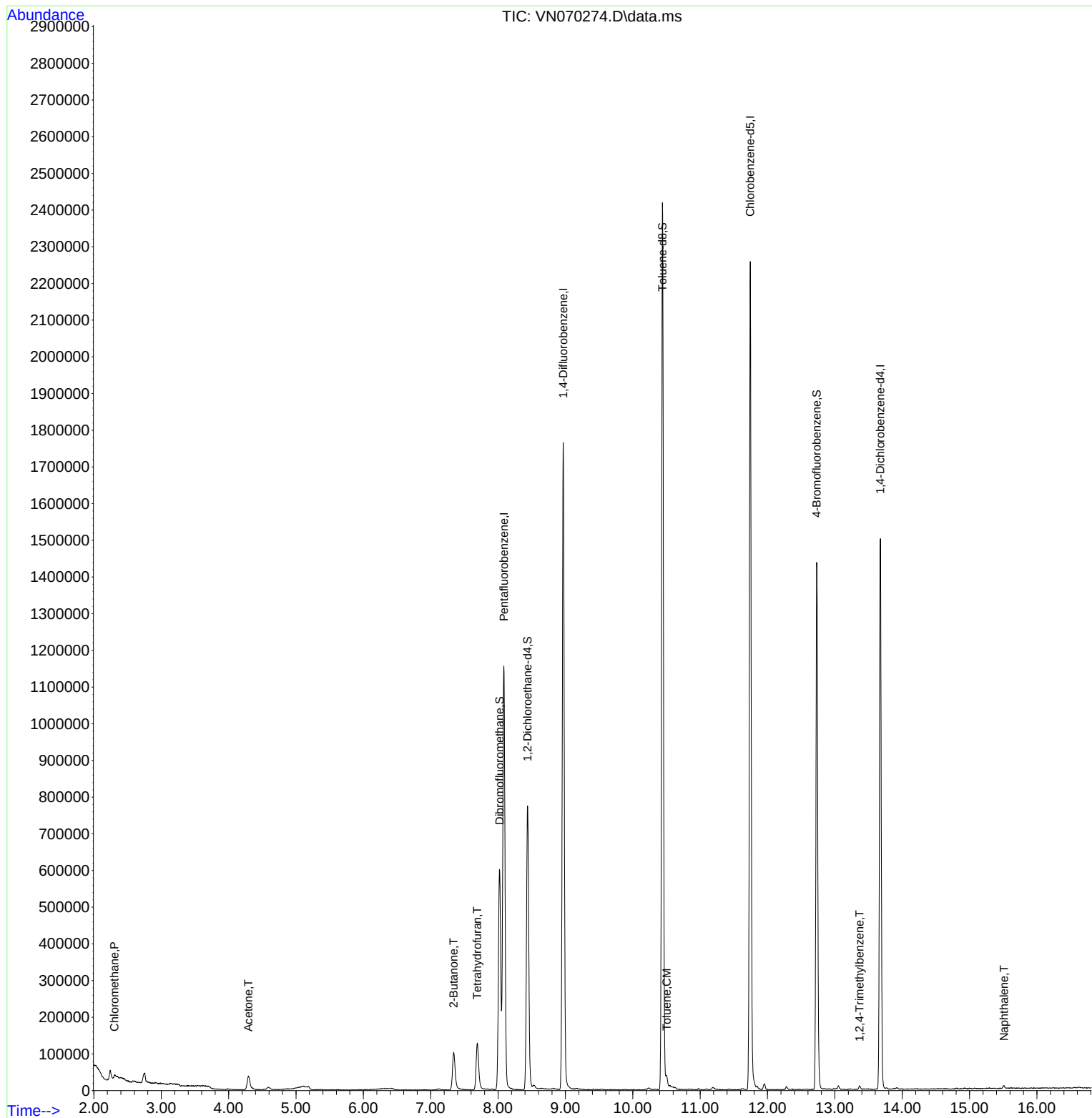
Internal Standards						
1) Pentafluorobenzene	8.086	168	880170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1473496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1263650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	412175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	677256	49.835	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.680%
35) Dibromofluoromethane	8.021	113	444556	48.166	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.340%
50) Toluene-d8	10.440	98	1681583	45.374	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.731	95	524054	39.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	78.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3749	0.291	ug/l	96
16) Acetone	4.293	43	68068	8.326	ug/l	99
25) 2-Butanone	7.340	43	187516	16.882	ug/l	91
29) Tetrahydrofuran	7.691	42	108863	16.141	ug/l #	87
52) Toluene	10.502	92	8185	0.313	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	5929	0.211	ug/l	96
95) Naphthalene	15.509	128	7716	4.338	ug/l #	87

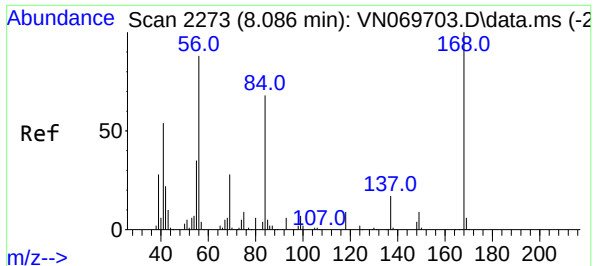
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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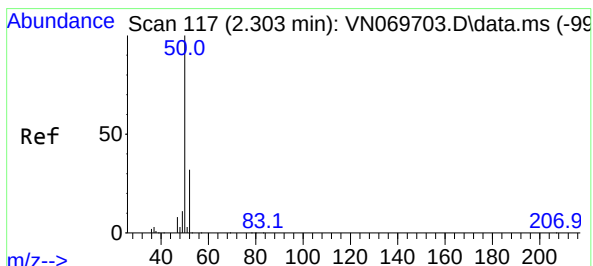
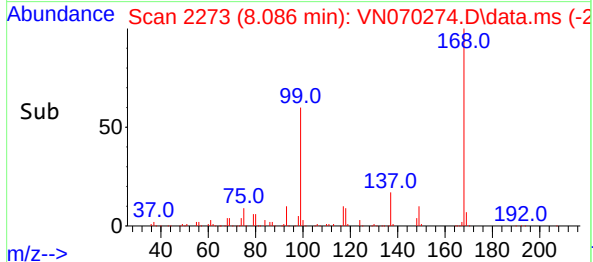
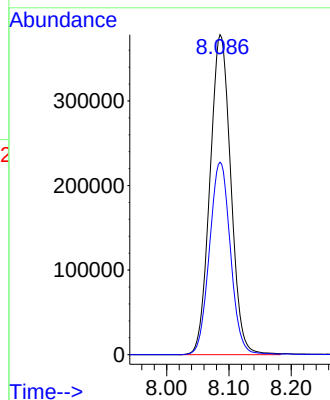
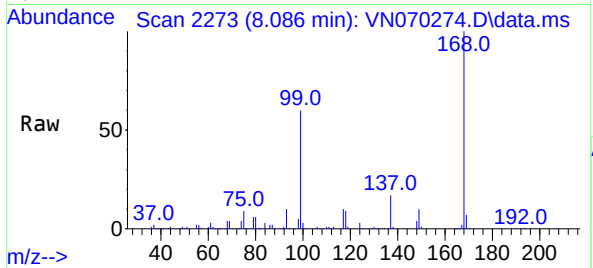




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

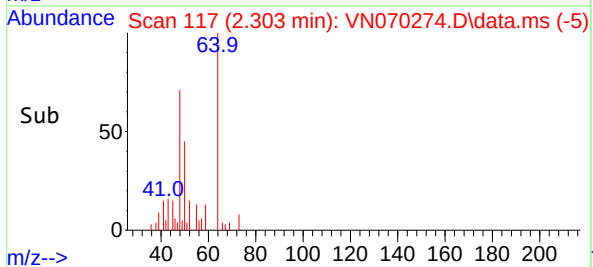
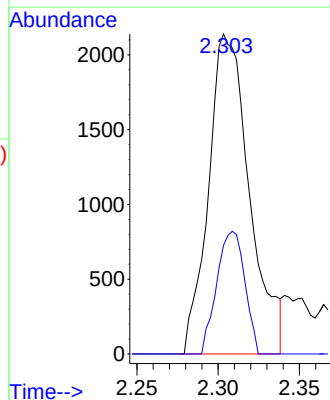
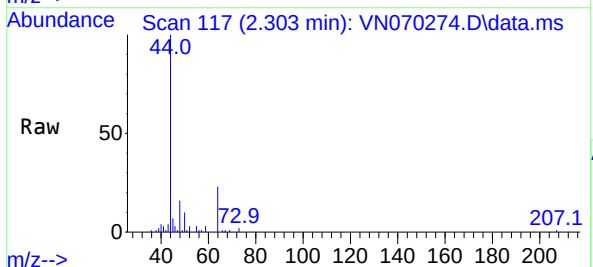
Instrument :
MSVOA_N
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SB-3

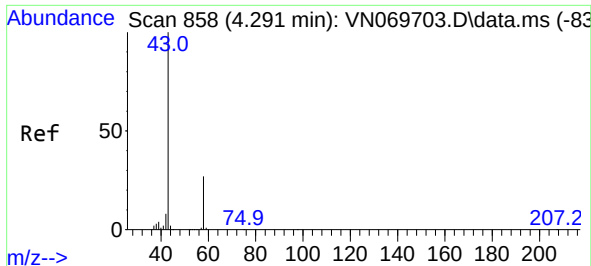
Tgt Ion:168 Resp: 880170
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#3
Chloromethane
Concen: 0.291 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

Tgt Ion: 50 Resp: 3749
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.0

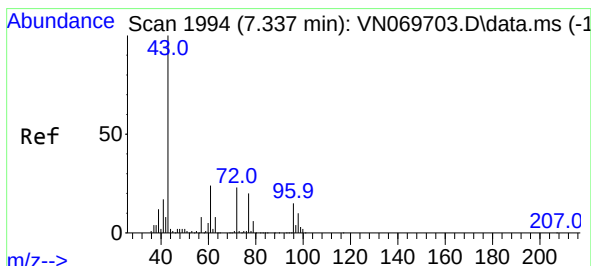
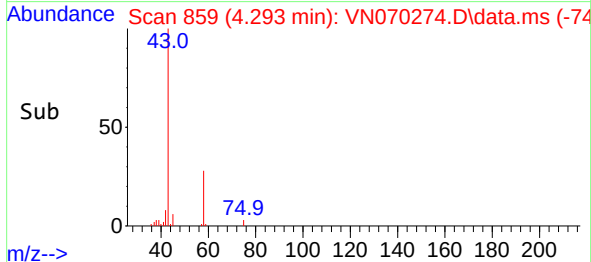
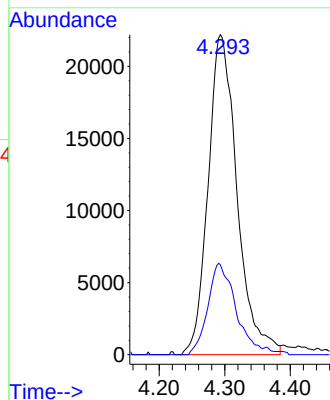
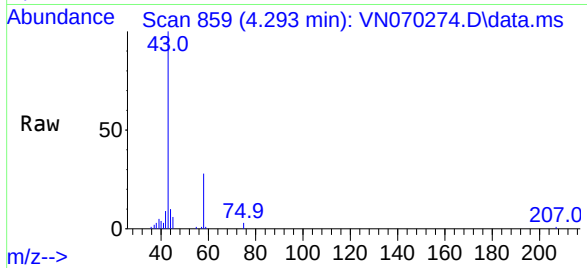




#16
Acetone
Concen: 8.326 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

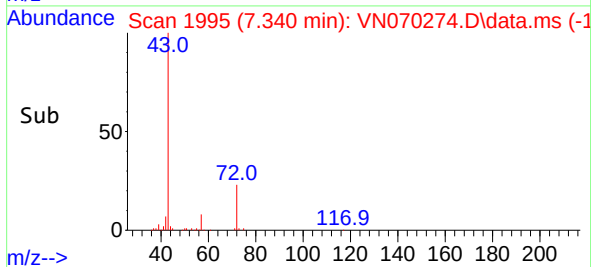
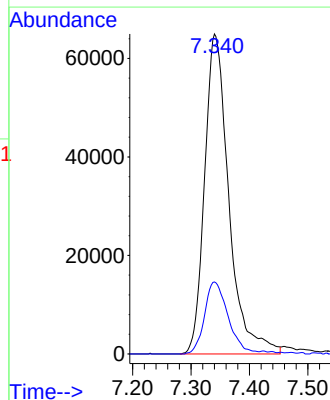
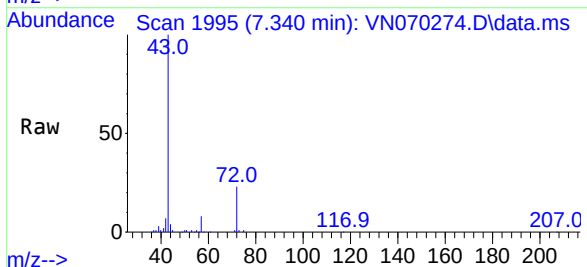
Instrument :
MSVOA_N
ClientSampleId :
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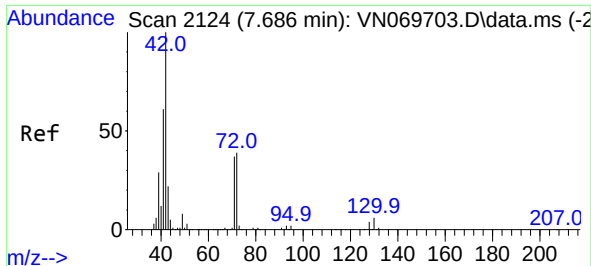
Tgt Ion: 43 Resp: 68068
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



#25
2-Butanone
Concen: 16.882 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

Tgt Ion: 43 Resp: 187516
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5





#29

Tetrahydrofuran

Concen: 16.141 ug/l

RT: 7.691 min Scan# 2124

Delta R.T. 0.005 min

Lab File: VN070274.D

Acq: 21 Dec 2021 18:00

Instrument :

MSVOA_N

ClientSampleId :

SB-3

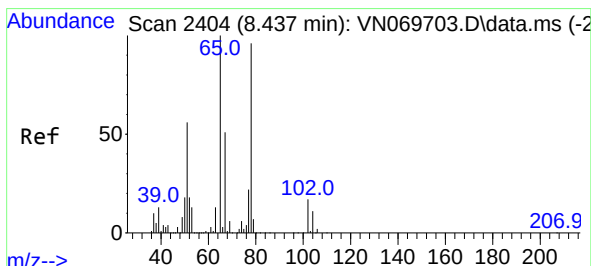
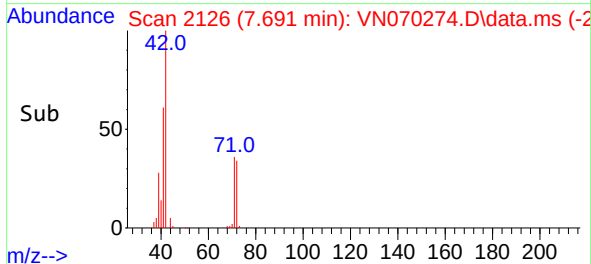
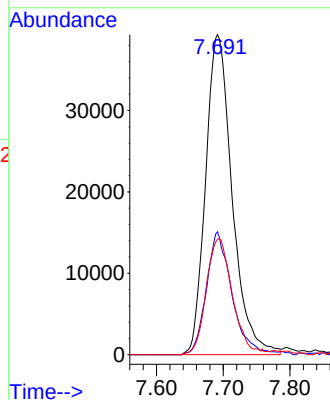
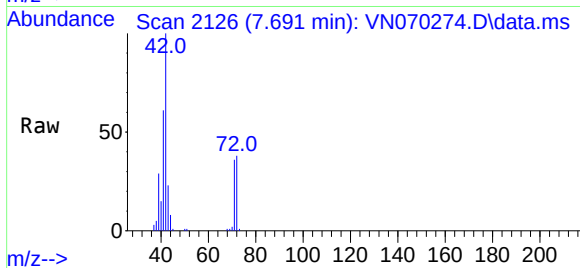
Tgt Ion: 42 Resp: 108863

Ion Ratio Lower Upper

42 100

72 36.1 36.3 54.5#

71 35.7 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 49.835 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070274.D

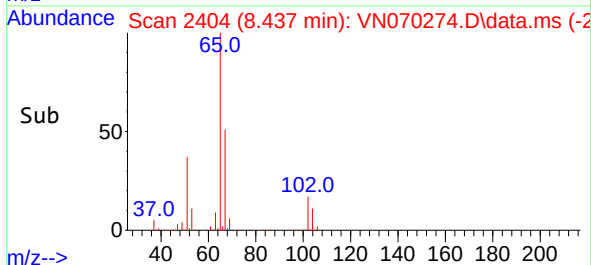
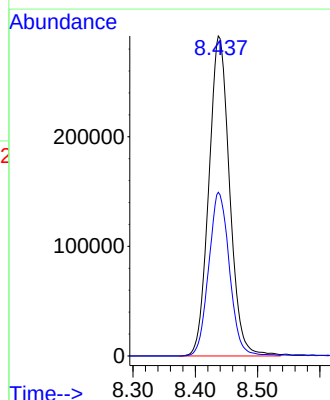
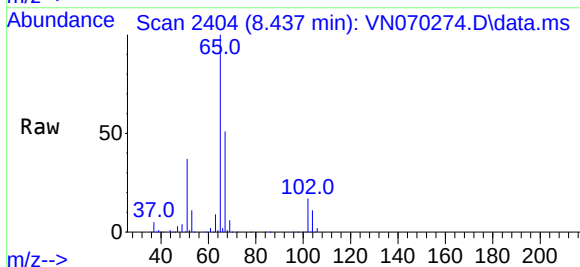
Acq: 21 Dec 2021 18:00

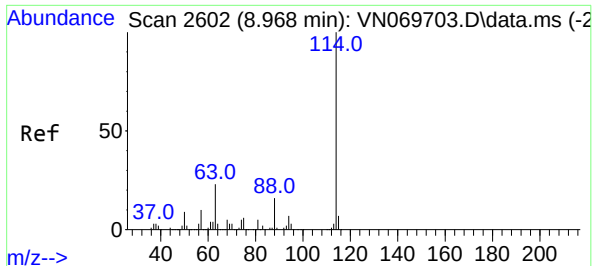
Tgt Ion: 65 Resp: 677256

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070274.D

Acq: 21 Dec 2021 18:00

Instrument :

MSVOA_N

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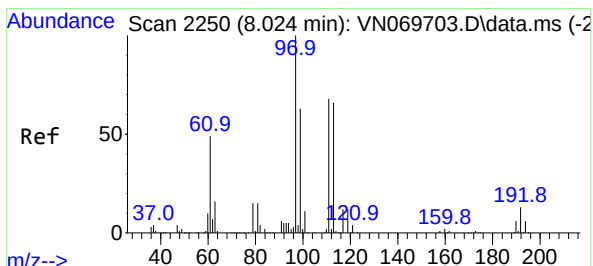
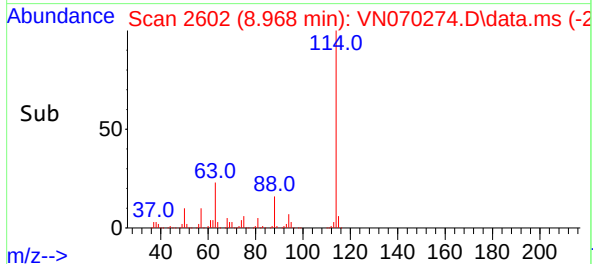
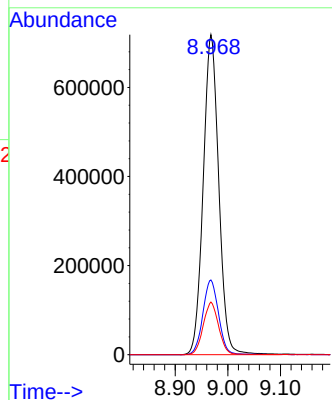
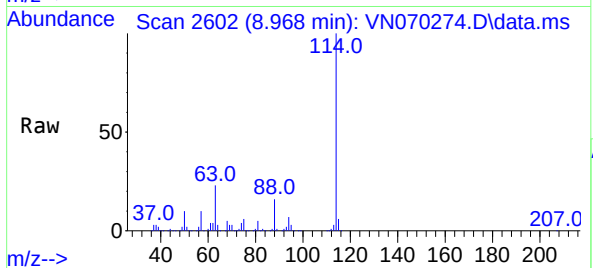
Tgt Ion:114 Resp: 1473496

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.166 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070274.D

Acq: 21 Dec 2021 18:00

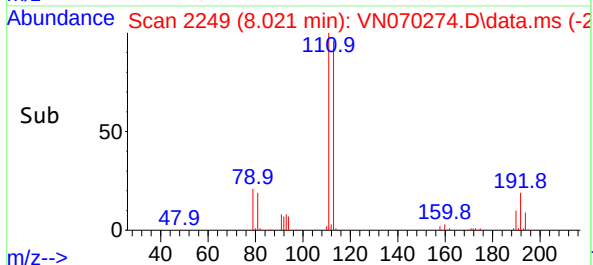
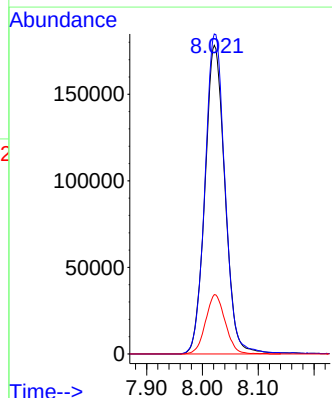
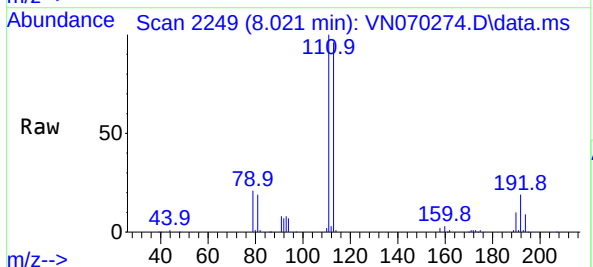
Tgt Ion:113 Resp: 444556

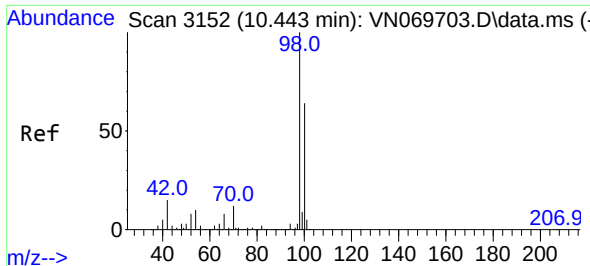
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 18.8 16.9 25.3

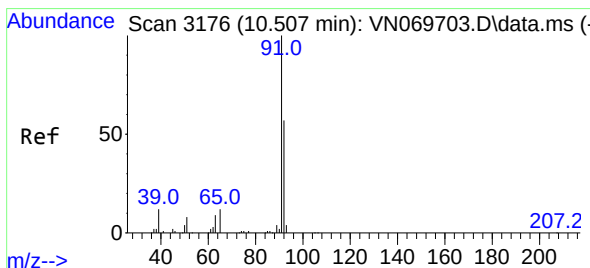
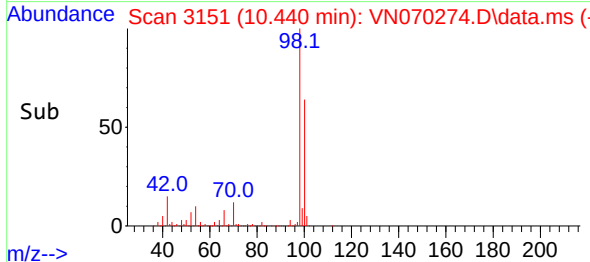
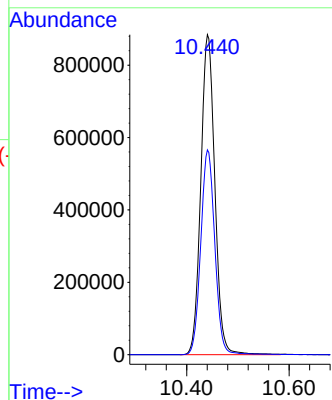
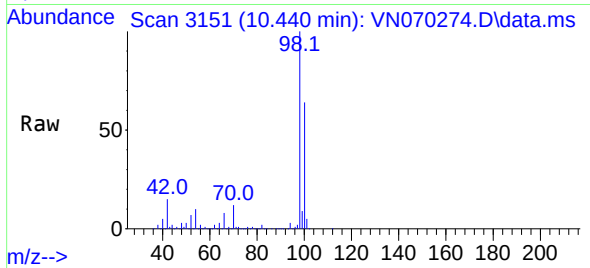




#50
Toluene-d8
Concen: 45.374 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

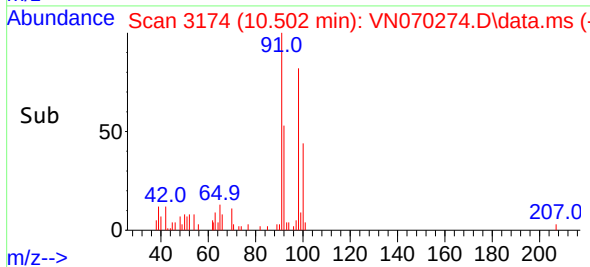
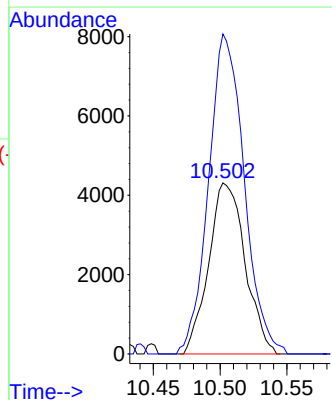
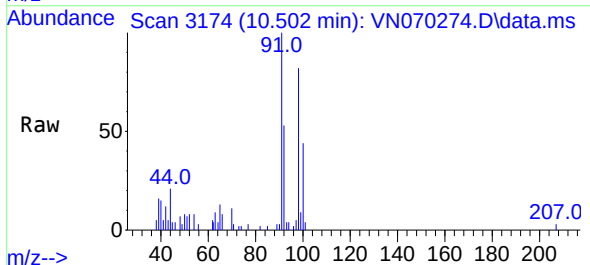
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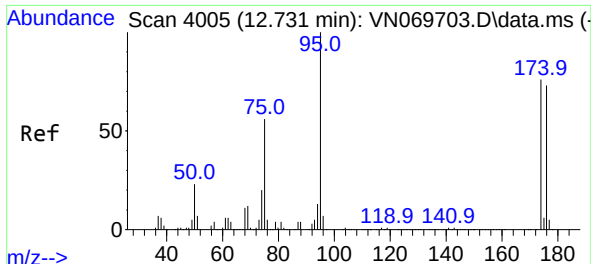
Tgt Ion: 98 Resp: 1681583
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#52
Toluene
Concen: 0.313 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

Tgt Ion: 92 Resp: 8185
Ion Ratio Lower Upper
92 100
91 182.6 142.0 213.0

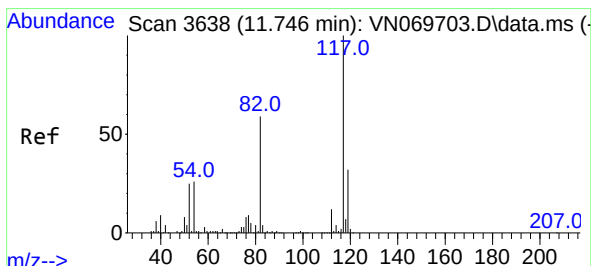
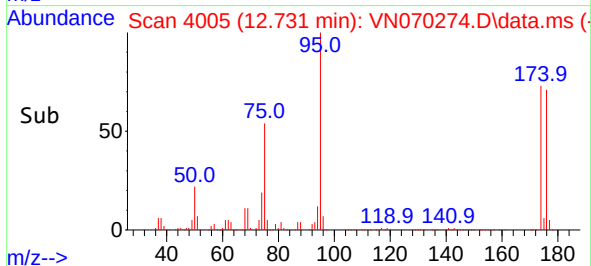
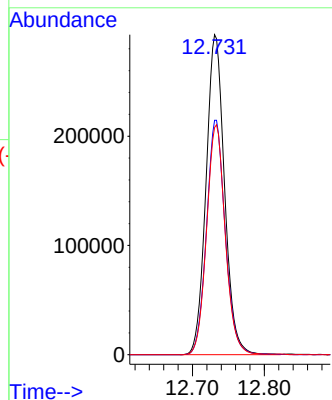
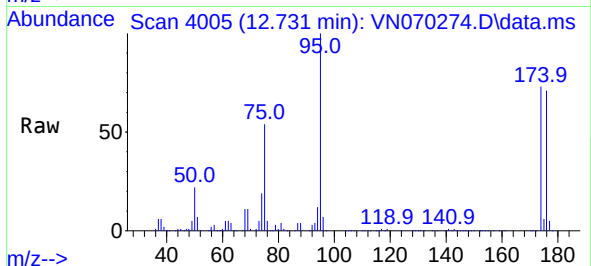




#62
4-Bromofluorobenzene
Concen: 39.033 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

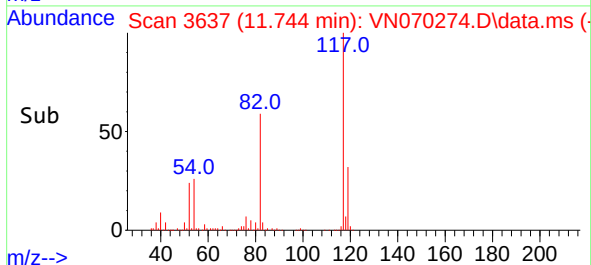
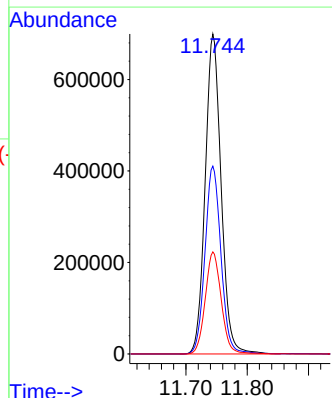
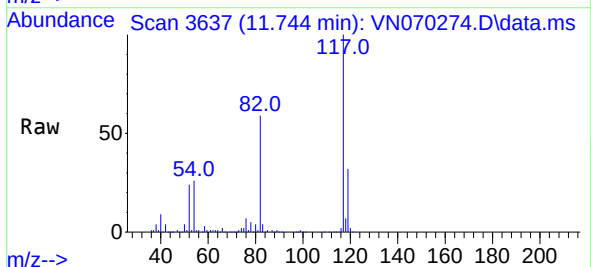
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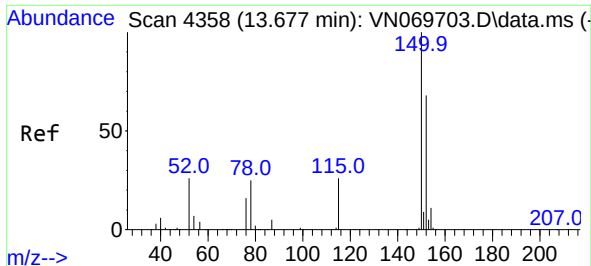
Tgt Ion: 95 Resp: 524054
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

Tgt Ion: 117 Resp: 1263650
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.9 25.4 38.2

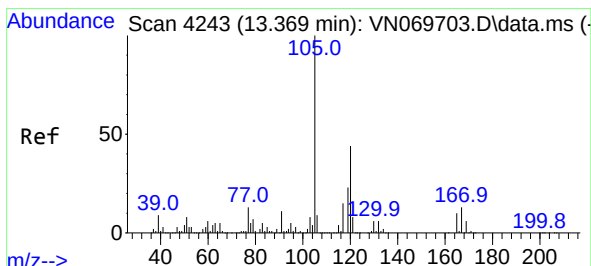
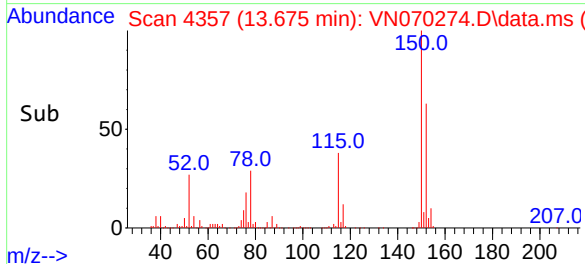
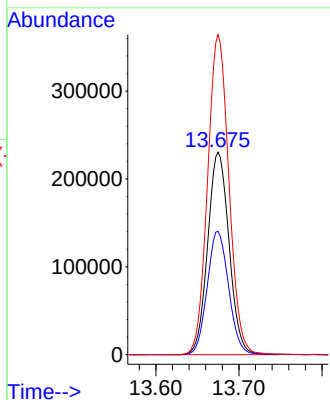
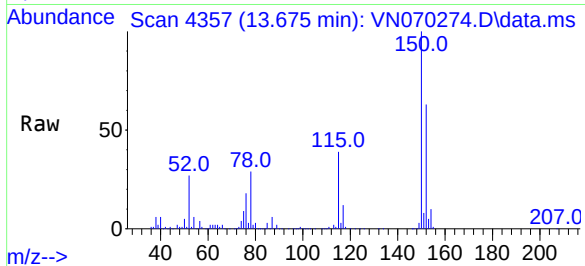




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070274.D
 Acq: 21 Dec 2021 18:00

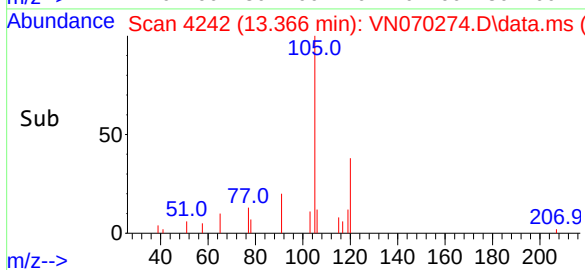
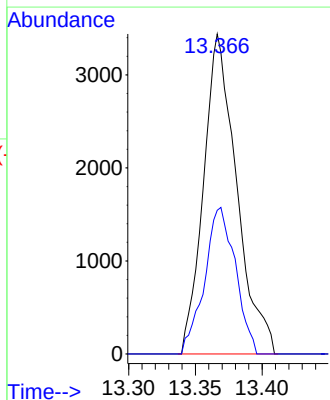
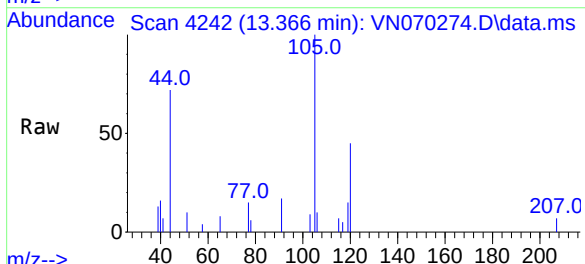
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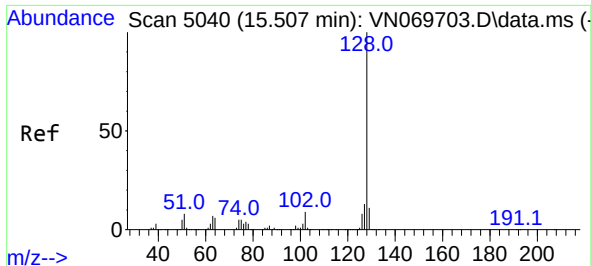
Tgt Ion:152 Resp: 412175
 Ion Ratio Lower Upper
 152 100
 115 61.2 27.5 82.5
 150 157.3 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.211 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.003 min
 Lab File: VN070274.D
 Acq: 21 Dec 2021 18:00

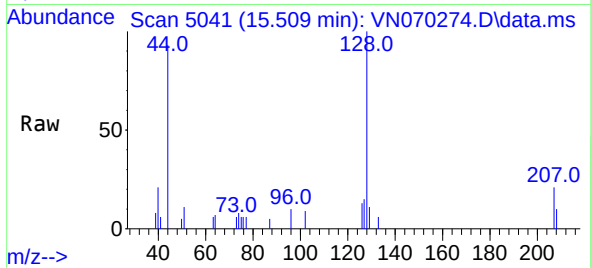
Tgt Ion:105 Resp: 5929
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.8 68.4





#95
Naphthalene
Concen: 4.338 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070274.D
Acq: 21 Dec 2021 18:00

Instrument :
MSVOA_N
ClientSampleId :
SB-3



Tgt Ion:	128	Resp:	7716
Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.5	15.7
129	2.3	8.7	13.1#

