

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069824.D
 Acq On : 7 Dec 2021 19:14
 Operator : JC/MD
 Sample : M4956-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178I-20211206

Quant Time: Dec 08 04:39:00 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)

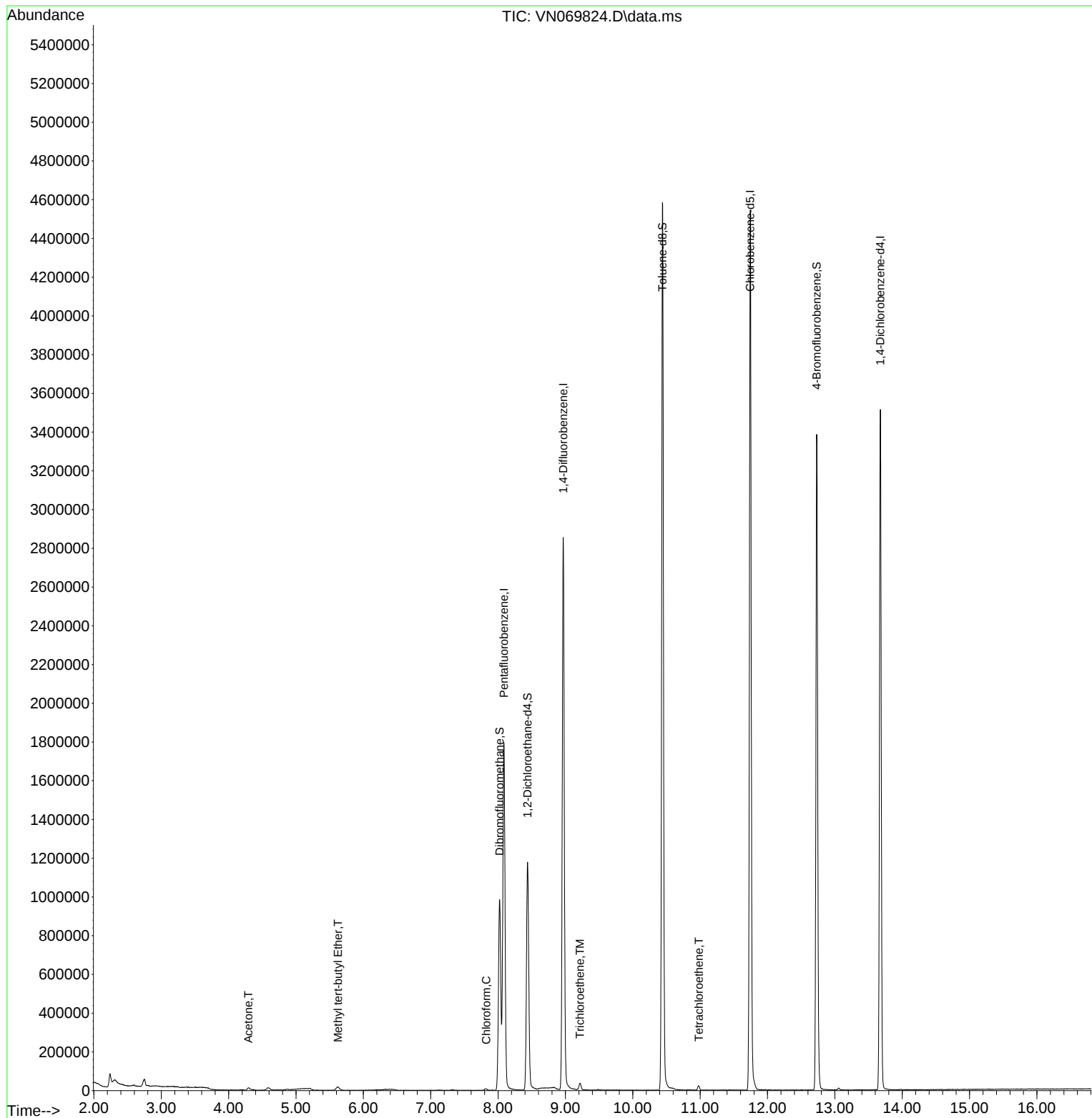
Internal Standards						
1) Pentafluorobenzene	8.086	168	1338454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2402246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2553860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	945533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1037263	50.192	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.380%
35) Dibromofluoromethane	8.024	113	718099	47.723	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.440%
50) Toluene-d8	10.440	98	3108625	51.451	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.731	95	1185122	54.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.280%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	19368	1.558	ug/l	92
19) Methyl tert-butyl Ether	5.624	73	23781	0.480	ug/l	96
30) Chloroform	7.823	83	8254	0.281	ug/l #	83
44) Trichloroethene	9.215	130	11176	0.670	ug/l	82
64) Tetrachloroethene	10.982	164	4963	0.287	ug/l	90

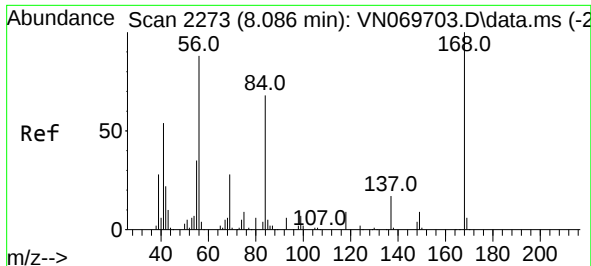
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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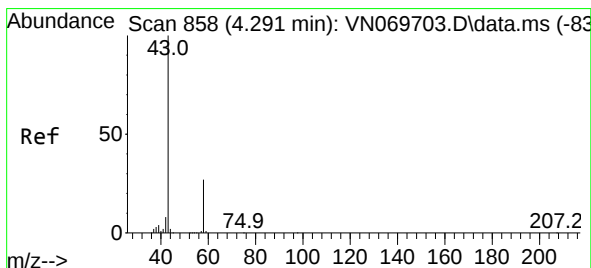
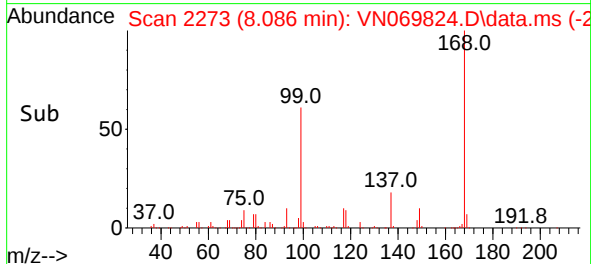
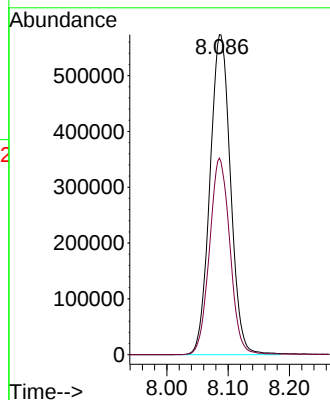
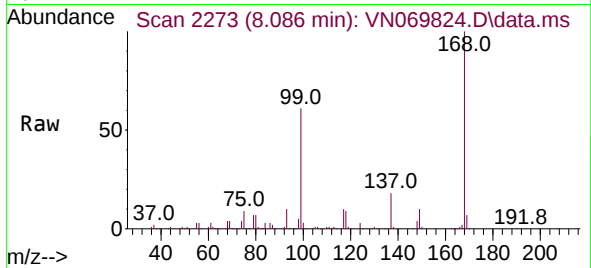




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

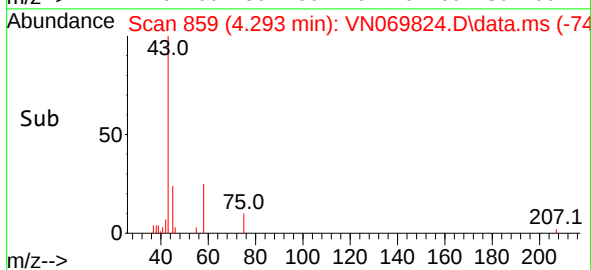
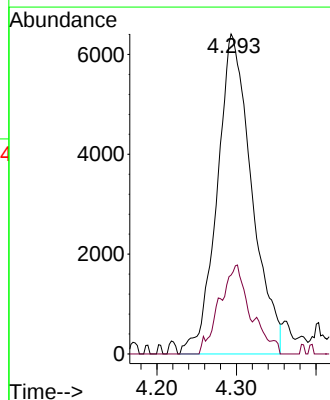
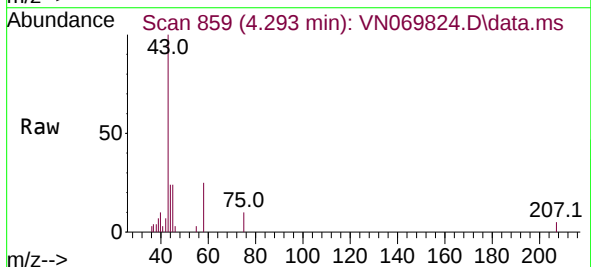
Instrument :
MSVOA_N
ClientSampleId :
MW178I-20211206

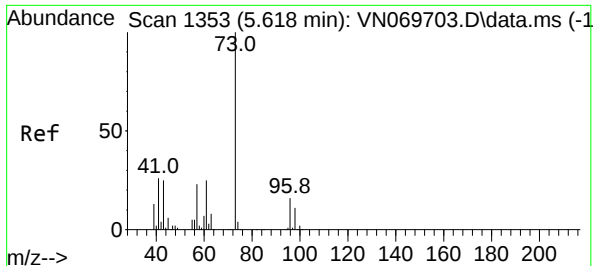
Tgt Ion:168 Resp: 1338454
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#16
Acetone
Concen: 1.558 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

Tgt Ion: 43 Resp: 19368
Ion Ratio Lower Upper
43 100
58 24.6 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 0.480 ug/l

RT: 5.624 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN069824.D

Acq: 7 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

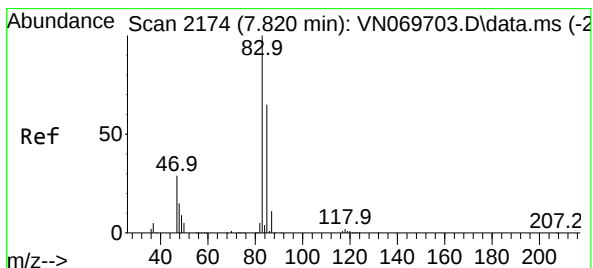
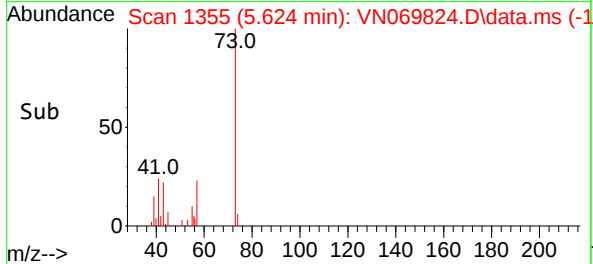
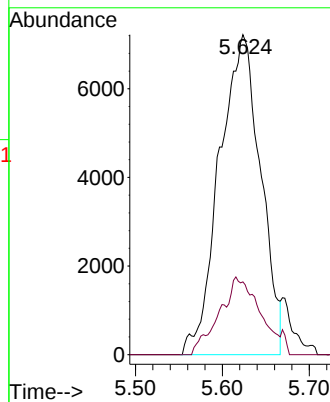
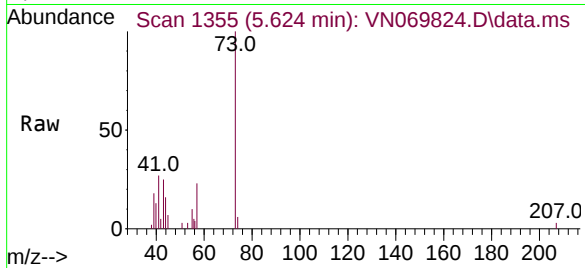
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Tgt Ion: 73 Resp: 23781

Ion Ratio Lower Upper

73 100

57 22.7 16.8 25.2



#30

Chloroform

Concen: 0.281 ug/l

RT: 7.823 min Scan# 2175

Delta R.T. 0.003 min

Lab File: VN069824.D

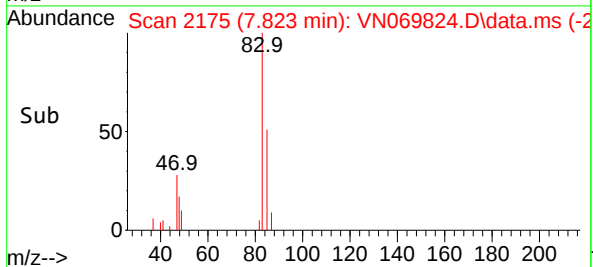
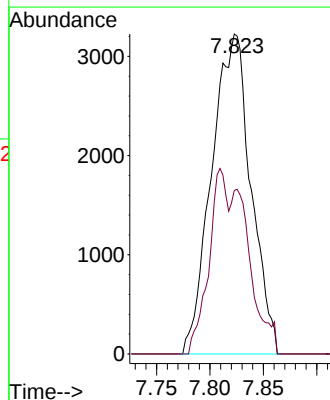
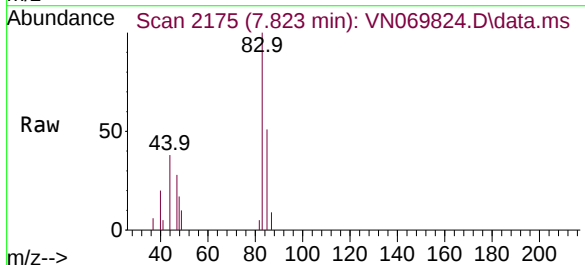
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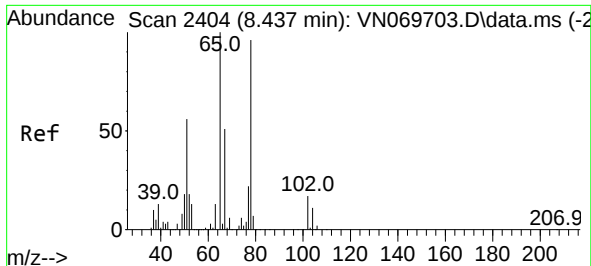
Tgt Ion: 83 Resp: 8254

Ion Ratio Lower Upper

83 100

85 51.1 51.9 77.9#





#33

1,2-Dichloroethane-d4

Concen: 50.192 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069824.D

Acq: 7 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

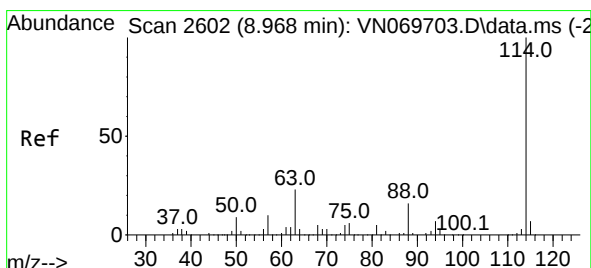
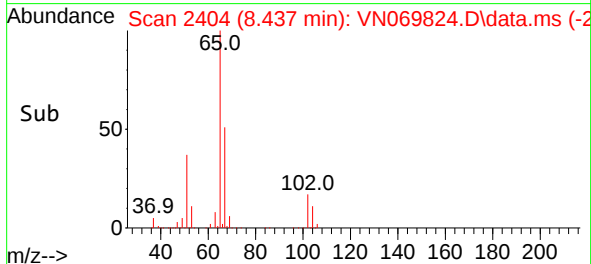
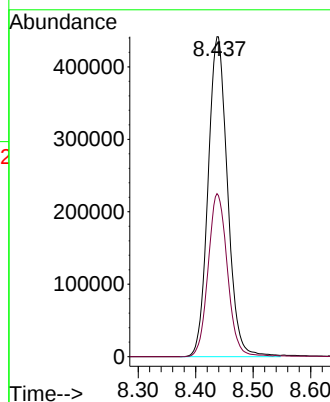
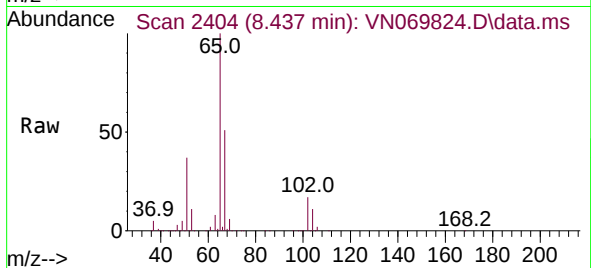
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Tgt Ion: 65 Resp: 1037263

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069824.D

Acq: 7 Dec 2021 19:14

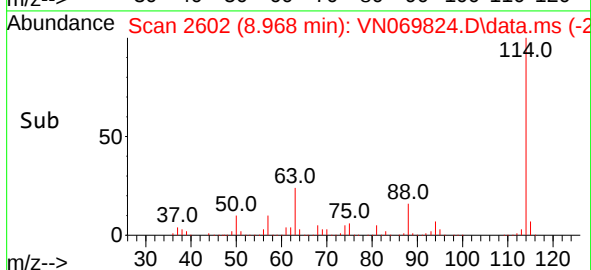
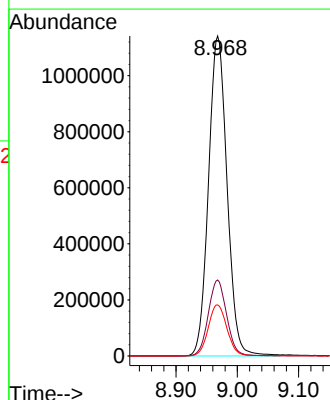
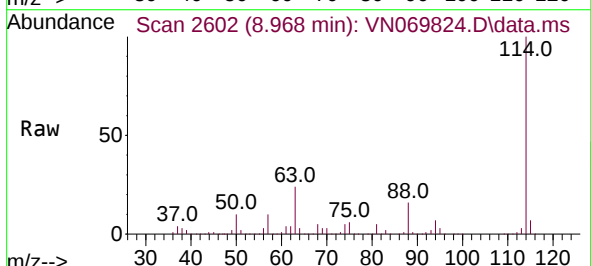
Tgt Ion: 114 Resp: 2402246

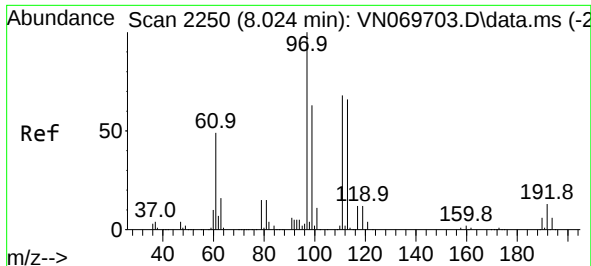
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.0 0.0 27.4

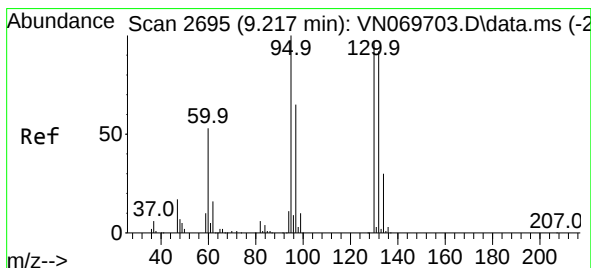
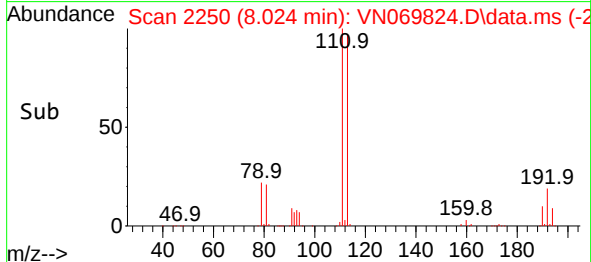
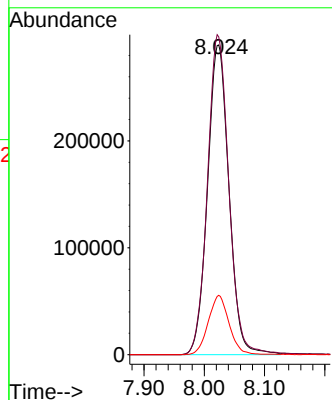
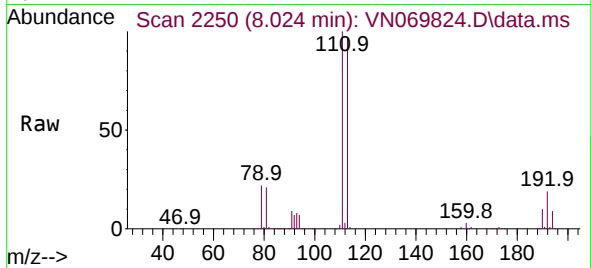




#35
Dibromofluoromethane
Concen: 47.723 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

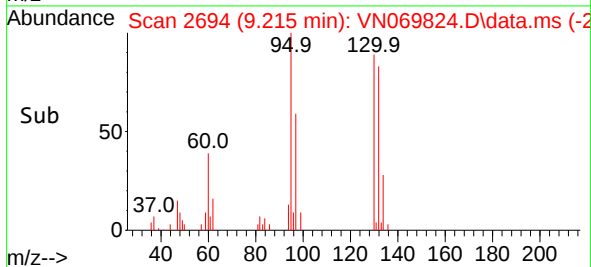
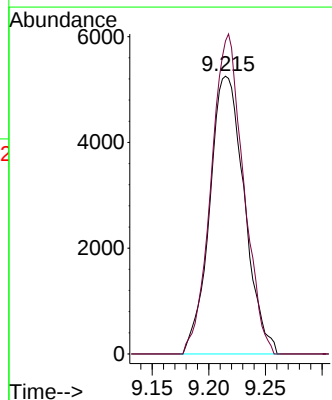
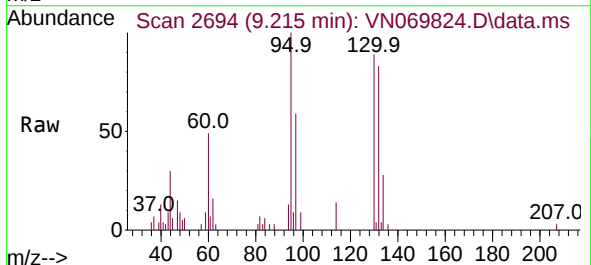
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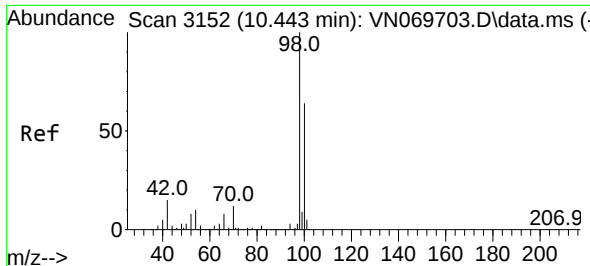
Tgt Ion:113 Resp: 718099
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.5 16.9 25.3



#44
Trichloroethene
Concen: 0.670 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

Tgt Ion:130 Resp: 11176
Ion Ratio Lower Upper
130 100
95 112.7 0.0 191.2

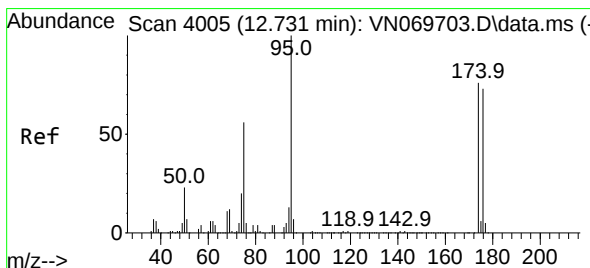
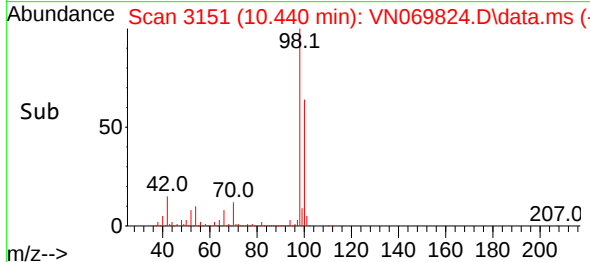
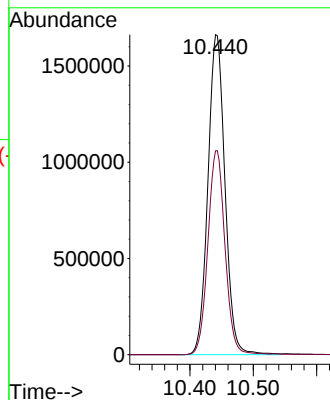
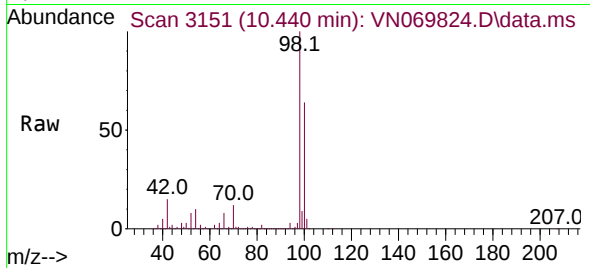




#50
Toluene-d8
Concen: 51.451 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

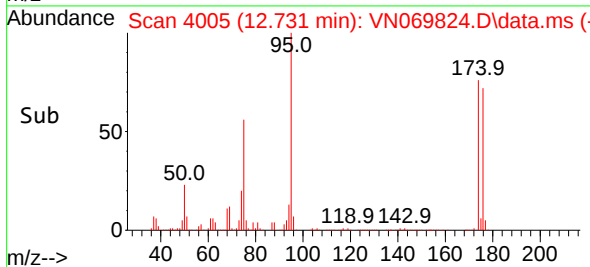
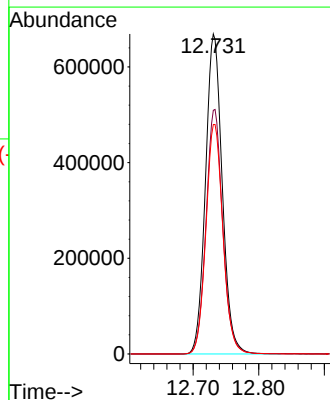
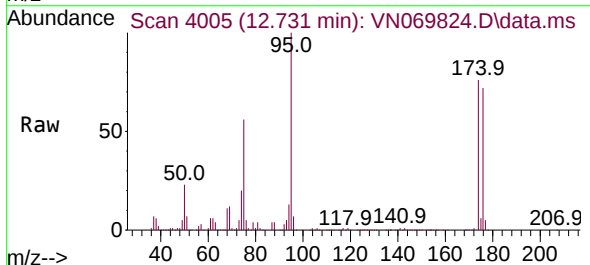
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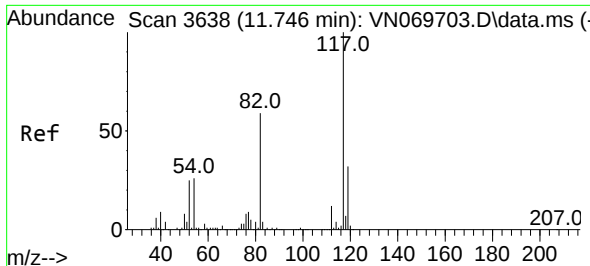
Tgt Ion: 98 Resp: 3108625
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.143 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

Tgt Ion: 95 Resp: 1185122
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.0 0.0 181.4

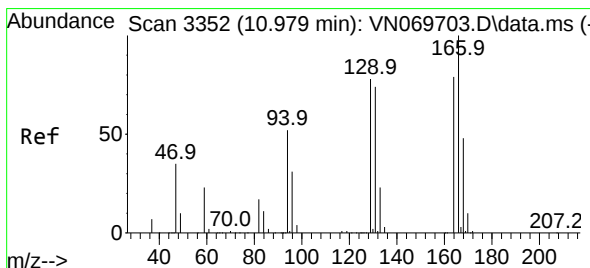
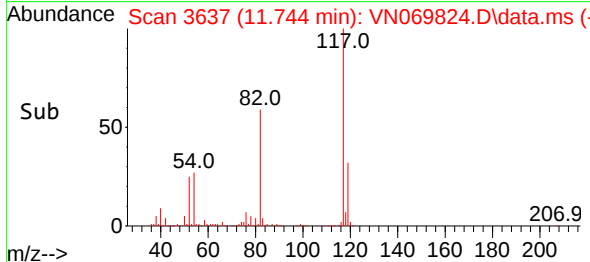
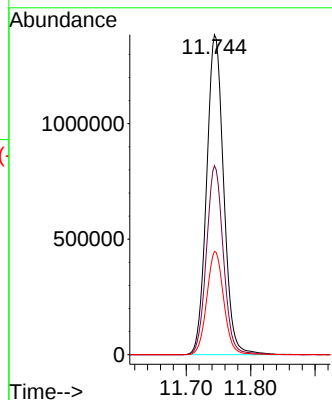
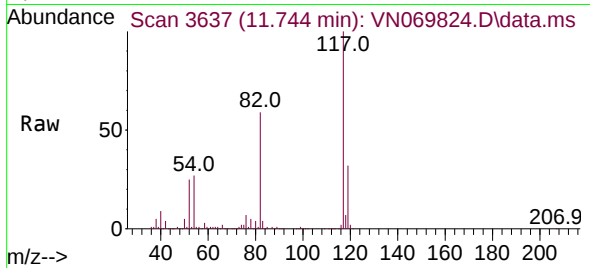




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

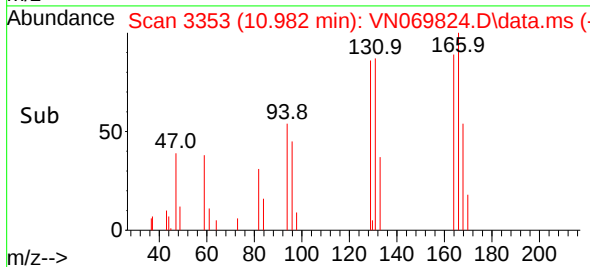
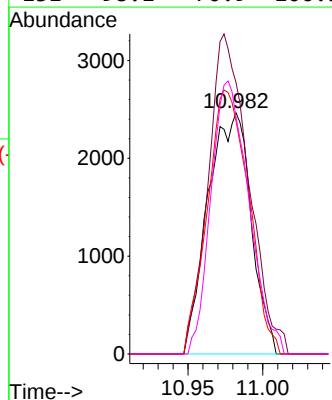
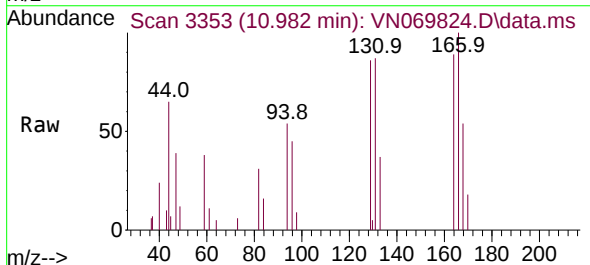
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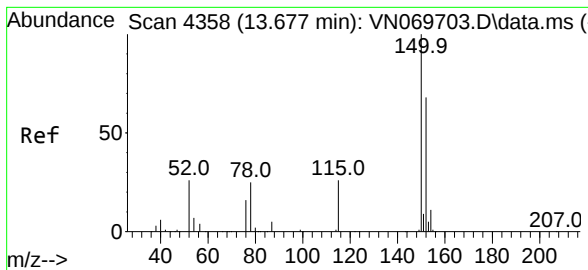
Tgt Ion:117 Resp: 2553860
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069824.D
Acq: 7 Dec 2021 19:14

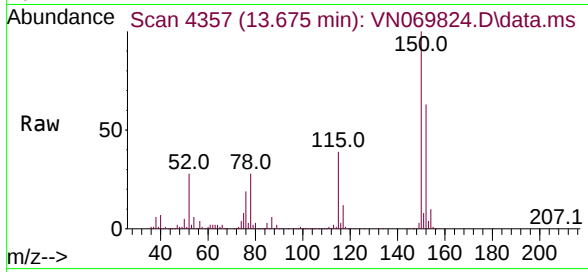
Tgt Ion:164 Resp: 4963
Ion Ratio Lower Upper
164 100
166 112.6 101.9 152.9
129 96.7 72.0 108.0
131 98.1 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069824.D
 Acq: 7 Dec 2021 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178I-20211206



Tgt Ion:152 Resp: 945533

Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.5	82.5
150	158.5	0.0	344.4

