

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069302.D
 Acq On : 29 Oct 2021 15:38
 Operator : JC/MD
 Sample : M4392-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N41924

Quant Time: Oct 30 05:42:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

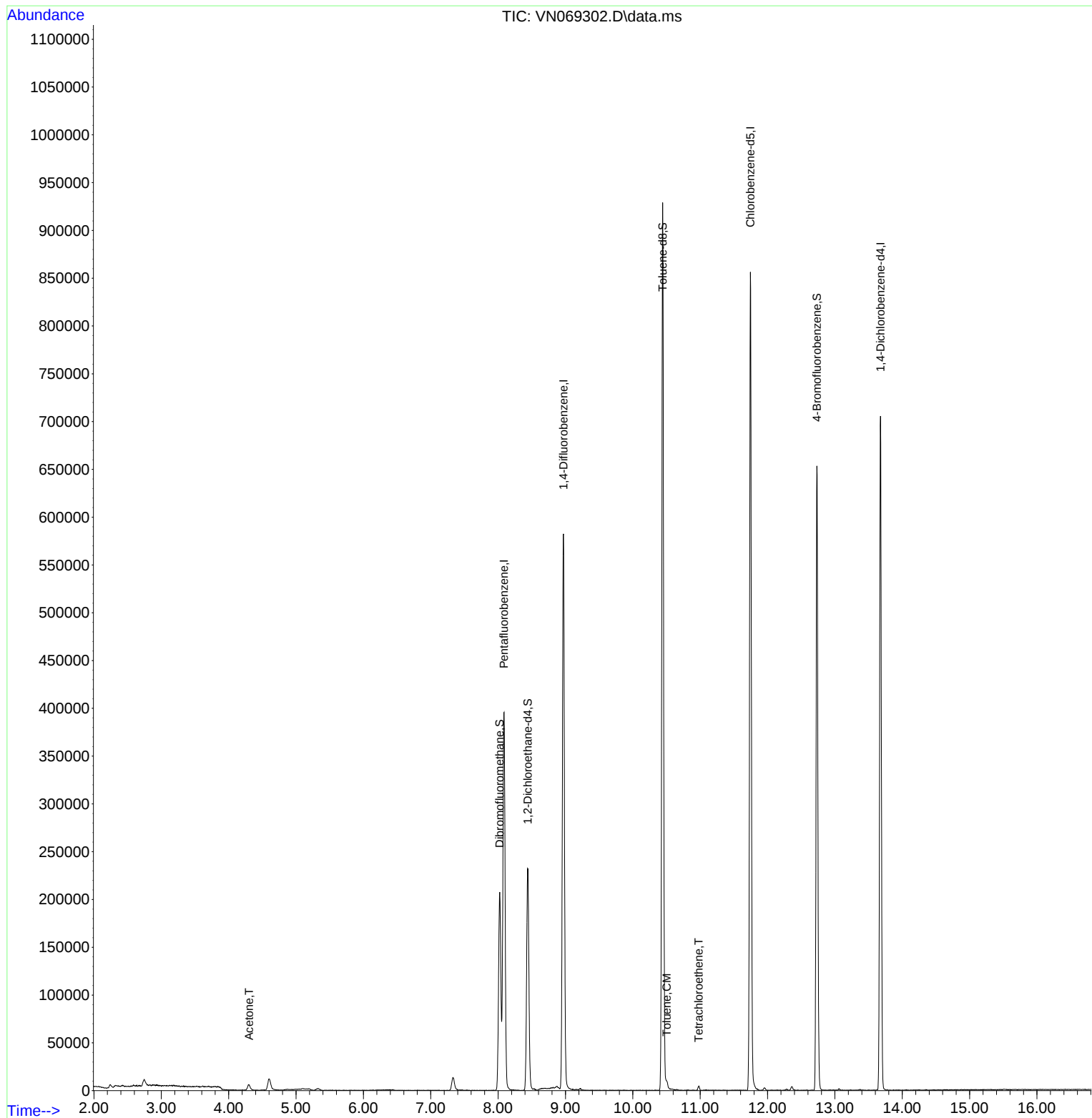
Internal Standards						
1) Pentafluorobenzene	8.085	168	297888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.970	114	524517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	507845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	189550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	201725	46.911	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.820%
35) Dibromofluoromethane	8.024	113	152599	46.671	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.340%
50) Toluene-d8	10.443	98	655518	50.143	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.733	95	233330	47.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.600%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	10674	5.826	ug/l	97
52) Toluene	10.502	92	2480	0.278	ug/l	96
64) Tetrachloroethene	10.977	164	975	0.301	ug/l #	81

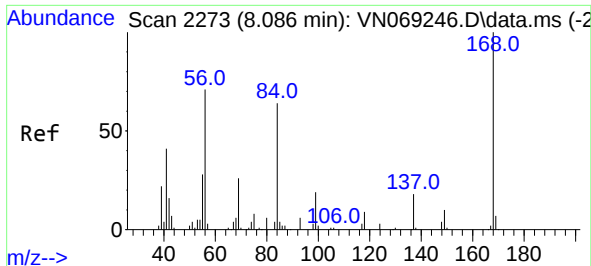
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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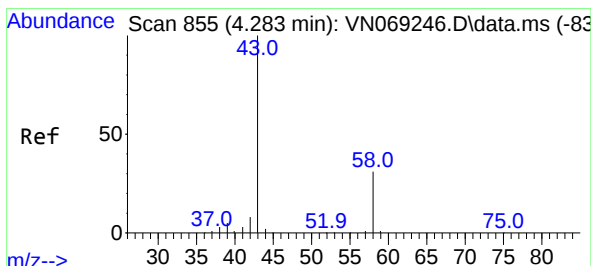
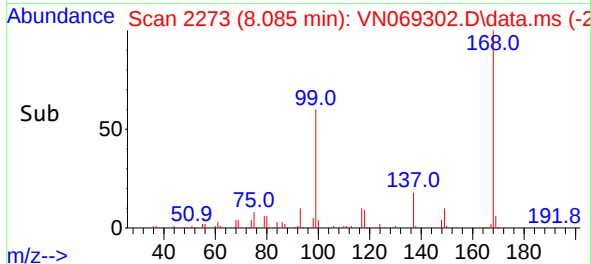
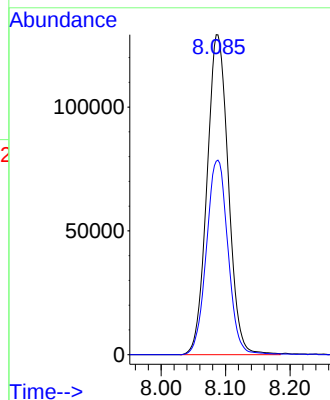
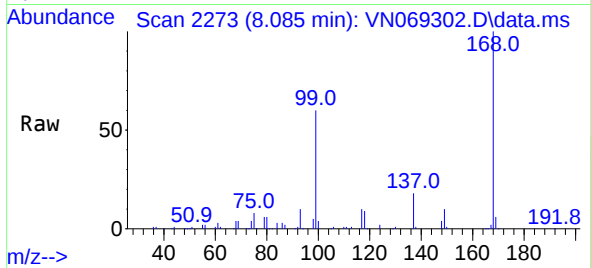




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

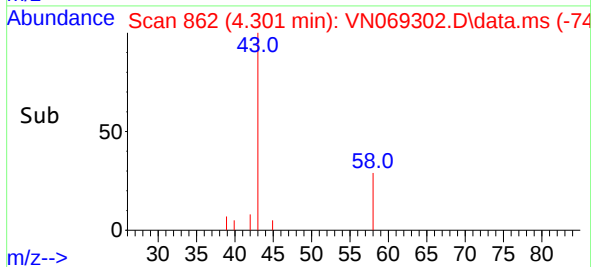
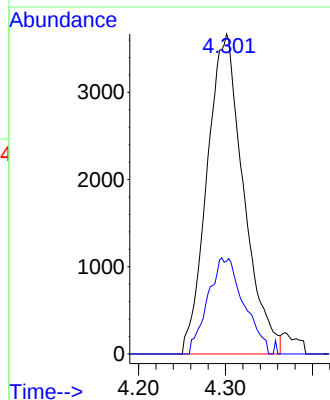
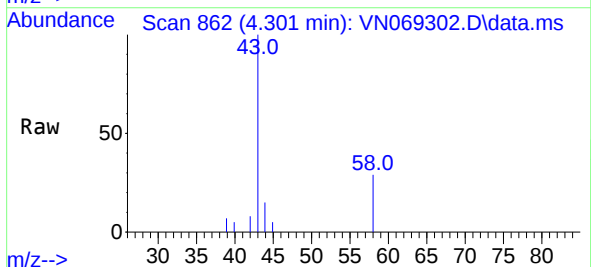
Instrument :
MSVOA_N
ClientSampleId :
N41924

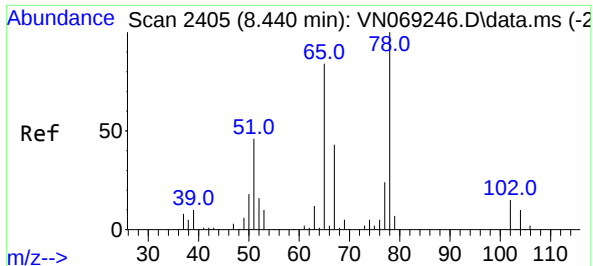
Tgt Ion:168 Resp: 297888
Ion Ratio Lower Upper
168 100
99 60.4 48.9 73.3



#16
Acetone
Concen: 5.826 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.018 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

Tgt Ion: 43 Resp: 10674
Ion Ratio Lower Upper
43 100
58 29.0 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 46.911 ug/l

RT: 8.439 min Scan# 2405

Delta R.T. -0.001 min

Lab File: VN069302.D

Acq: 29 Oct 2021 15:38

Instrument :

MSVOA_N

ClientSampleId :

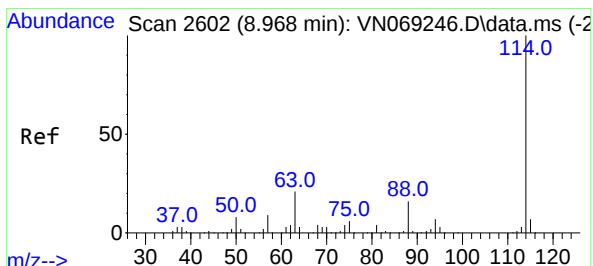
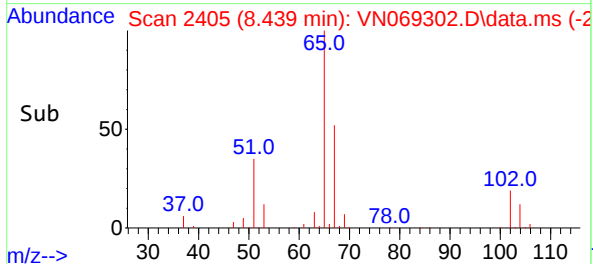
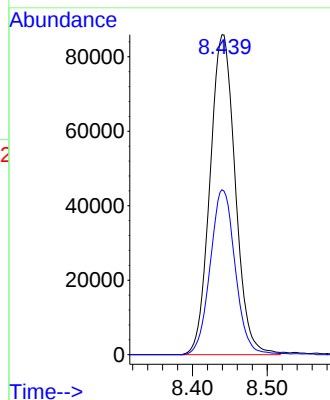
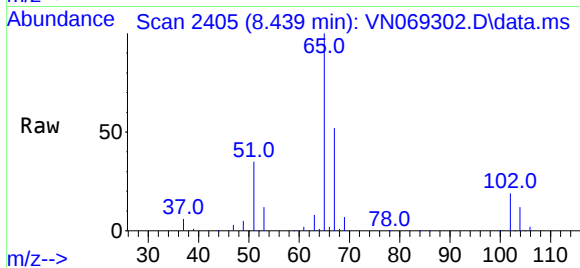
N41924

Tgt Ion: 65 Resp: 201725

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.970 min Scan# 2603

Delta R.T. 0.002 min

Lab File: VN069302.D

Acq: 29 Oct 2021 15:38

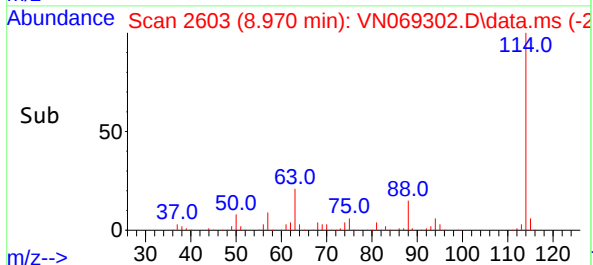
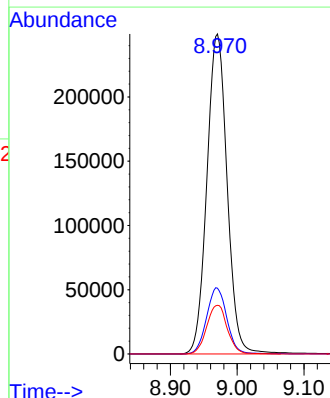
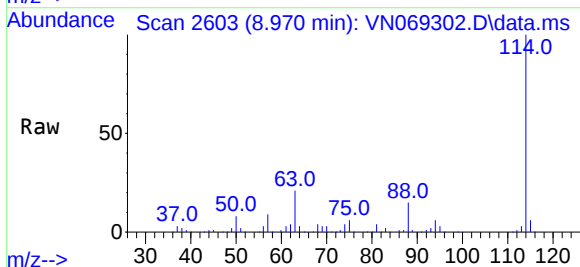
Tgt Ion: 114 Resp: 524517

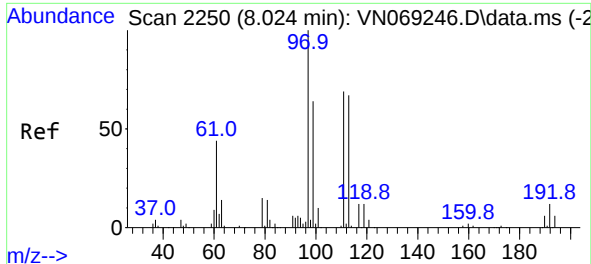
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.671 ug/l

RT: 8.024 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069302.D

Acq: 29 Oct 2021 15:38

Instrument :

MSVOA_N

ClientSampleId :

N41924

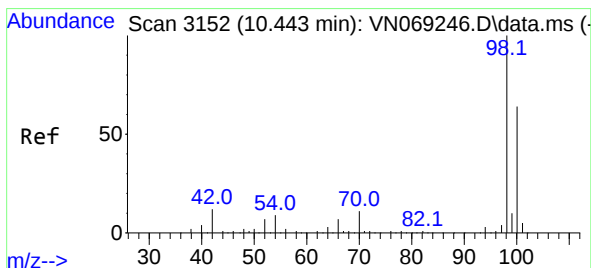
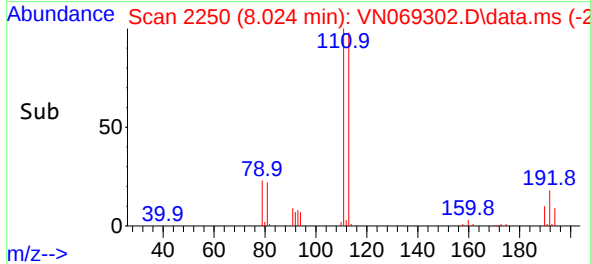
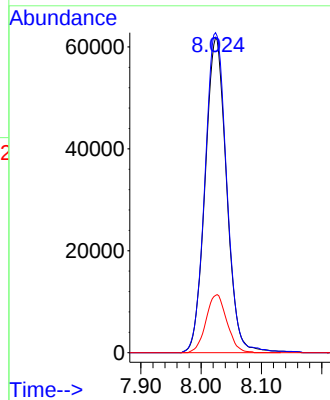
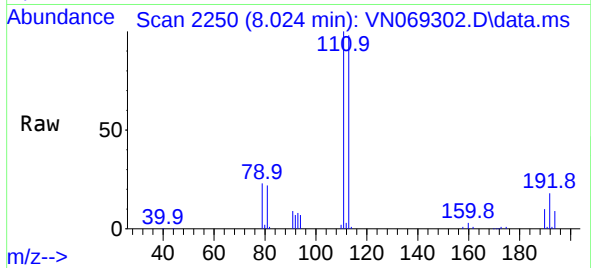
Tgt Ion:113 Resp: 152599

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 18.0 15.0 22.4



#50

Toluene-d8

Concen: 50.143 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN069302.D

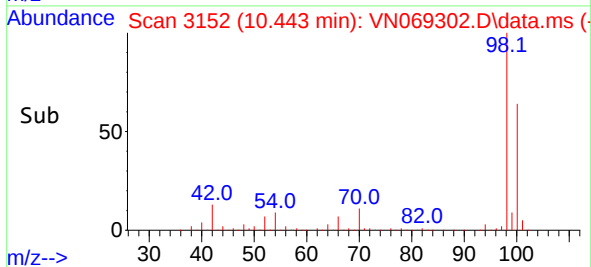
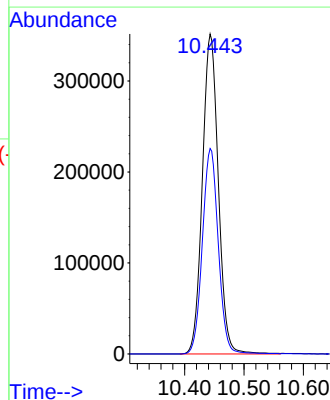
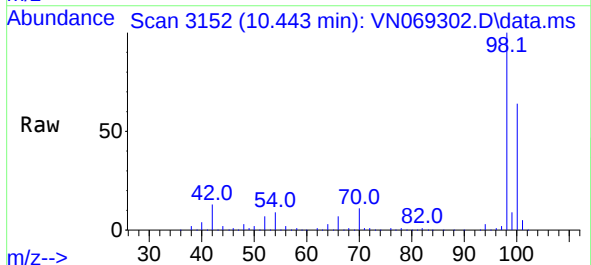
Acq: 29 Oct 2021 15:38

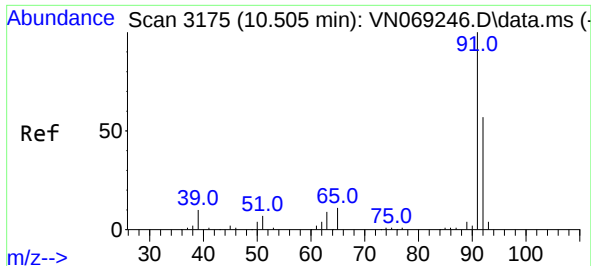
Tgt Ion: 98 Resp: 655518

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

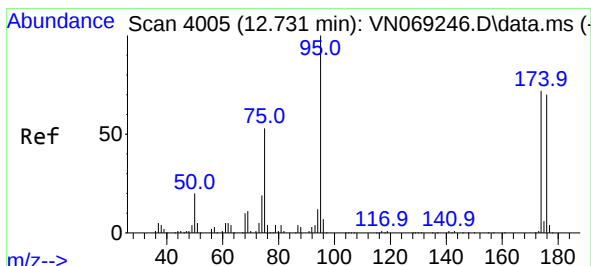
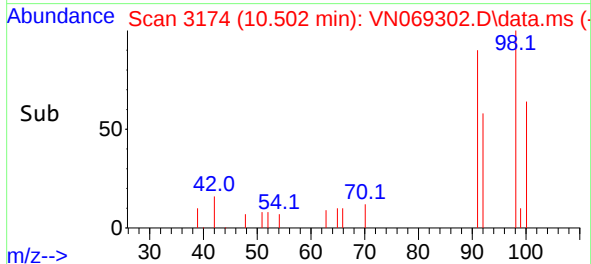
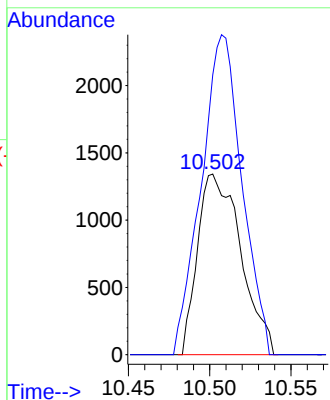
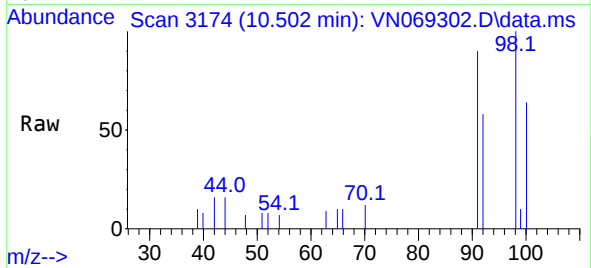




#52
Toluene
Concen: 0.278 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

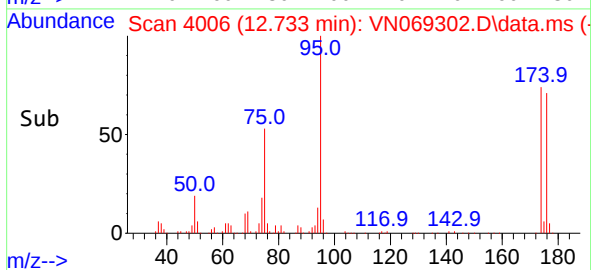
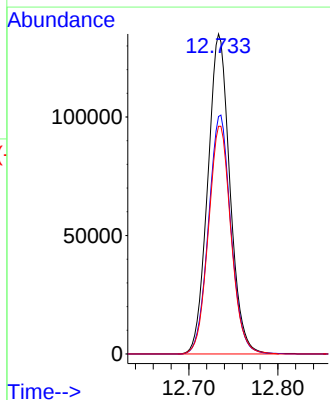
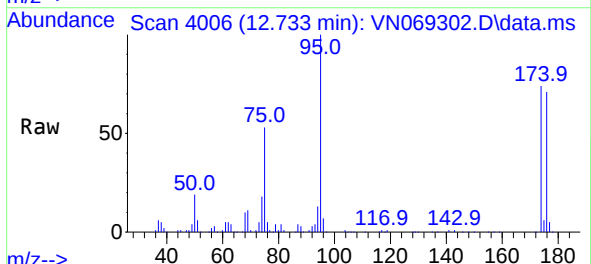
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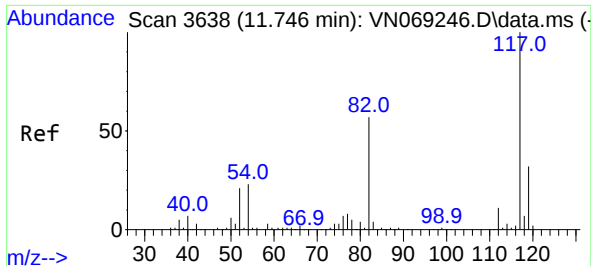
Tgt Ion: 92 Resp: 2480
Ion Ratio Lower Upper
92 100
91 167.0 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 47.298 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

Tgt Ion: 95 Resp: 233330
Ion Ratio Lower Upper
95 100
174 75.6 0.0 144.8
176 72.6 0.0 140.0

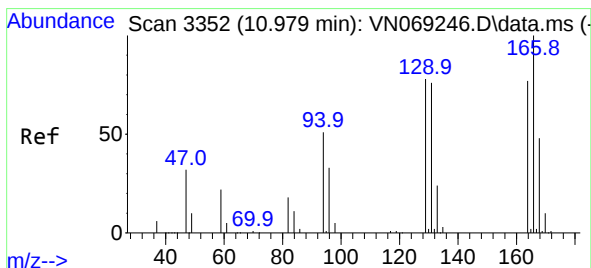
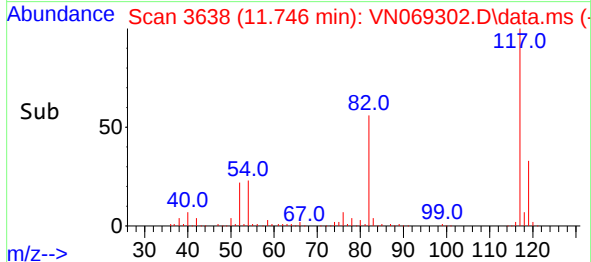
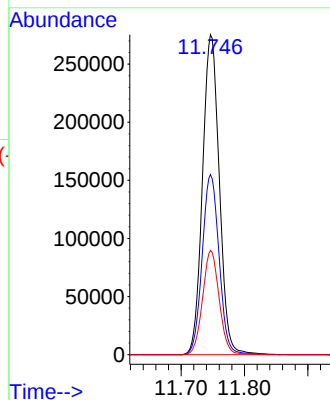
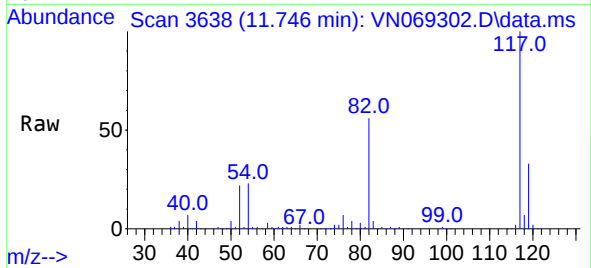




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

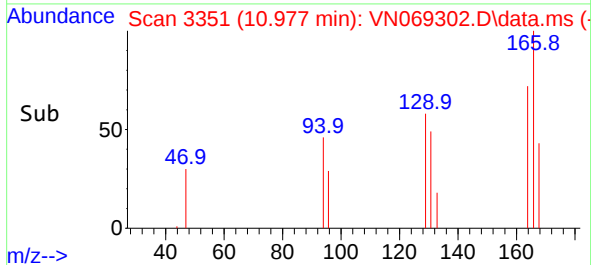
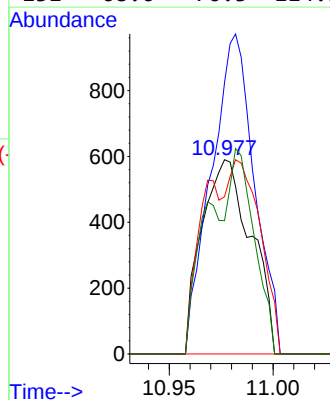
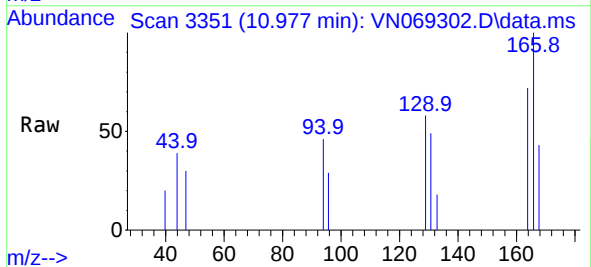
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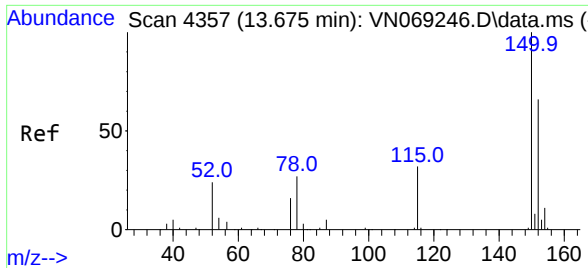
Tgt Ion:117 Resp: 507845
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 0.301 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069302.D
Acq: 29 Oct 2021 15:38

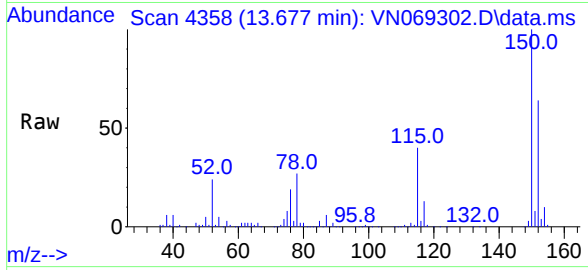
Tgt Ion:164 Resp: 975
Ion Ratio Lower Upper
164 100
166 139.7 99.8 149.8
129 81.0 79.2 118.8
131 68.6 76.3 114.5#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN069302.D
 Acq: 29 Oct 2021 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 N41924



Tgt Ion:152 Resp: 189550
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 159.1 0.0 351.0

