

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069866.D
 Acq On : 8 Dec 2021 17:20
 Operator : JC/MD
 Sample : M4957-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D1-20211206

Quant Time: Dec 09 11:42:51 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)

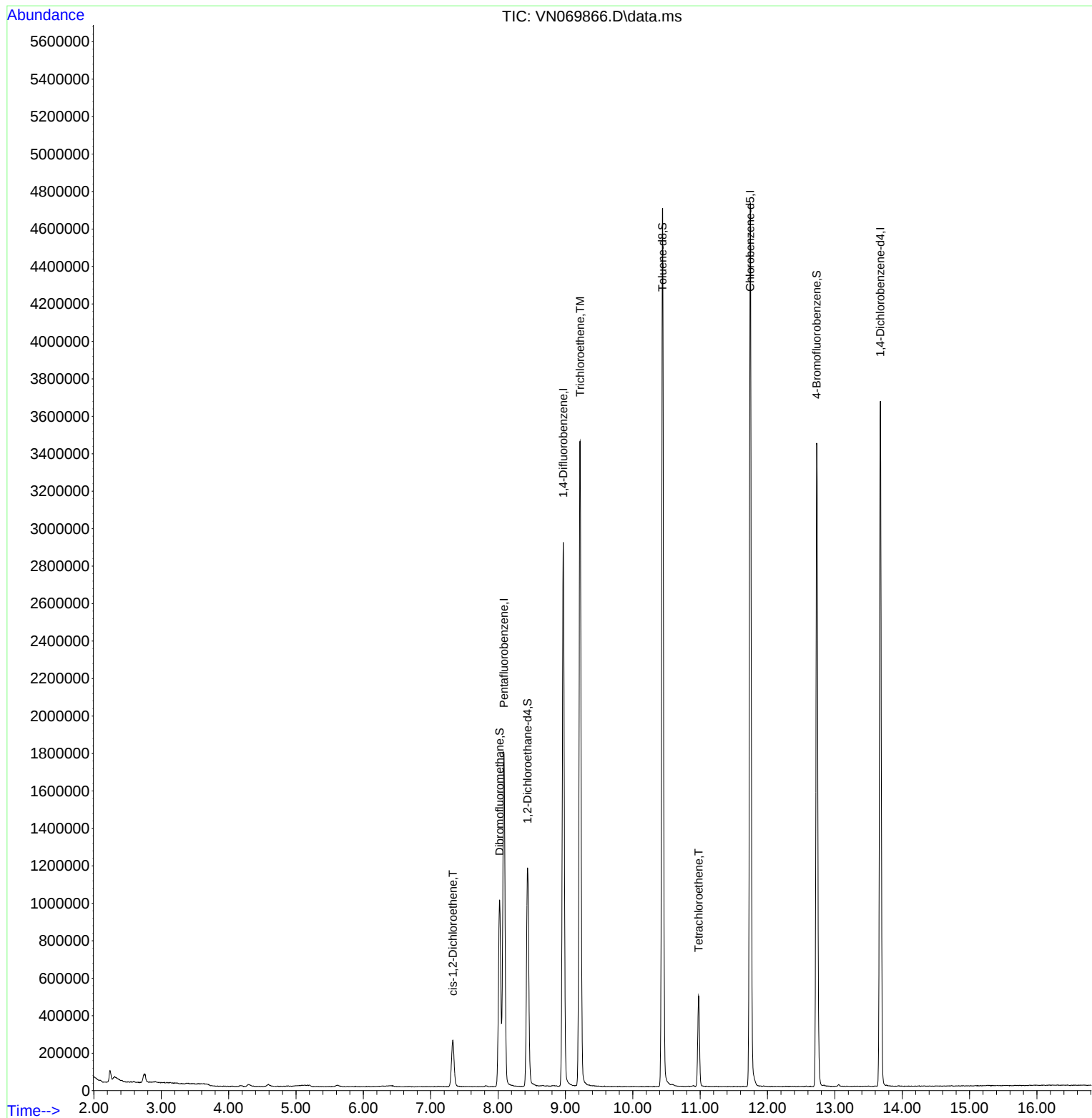
Internal Standards						
1) Pentafluorobenzene	8.086	168	1335328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2409197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2627180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	986289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1030391	49.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.96%
35) Dibromofluoromethane	8.024	113	727881	48.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.46%
50) Toluene-d8	10.440	98	3160380	52.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.32%
62) 4-Bromofluorobenzene	12.731	95	1224306	55.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.54%
Target Compounds						
27) cis-1,2-Dichloroethene	7.329	96	142782	8.55	ug/l	95
44) Trichloroethene	9.217	130	1190159	71.13	ug/l	90
64) Tetrachloroethene	10.979	164	103634	5.82	ug/l	93

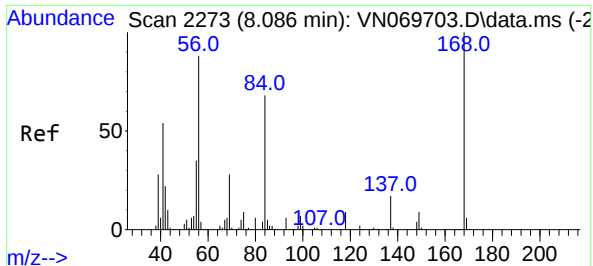
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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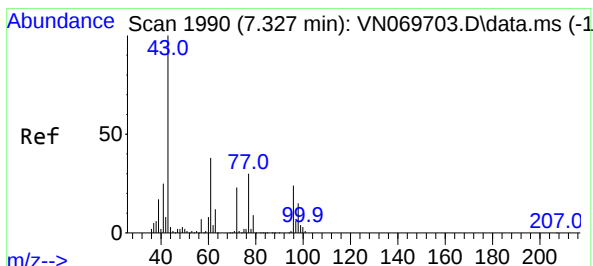
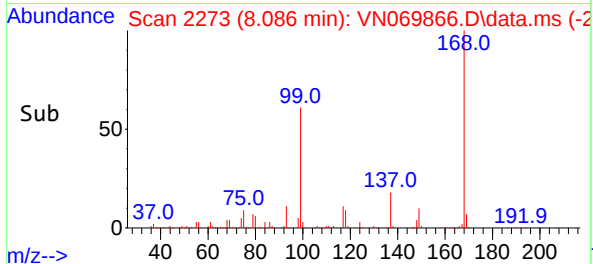
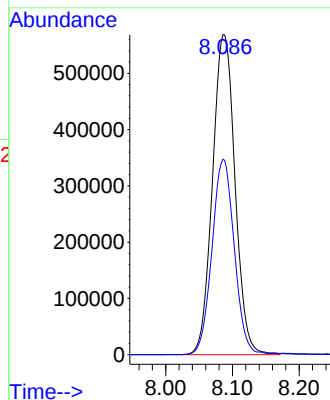
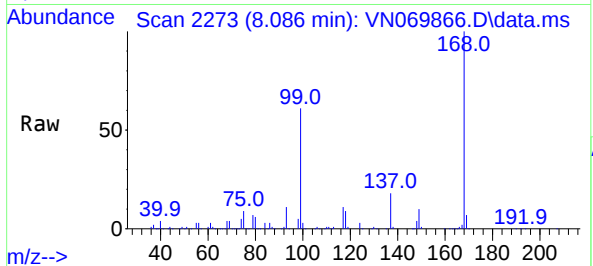




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

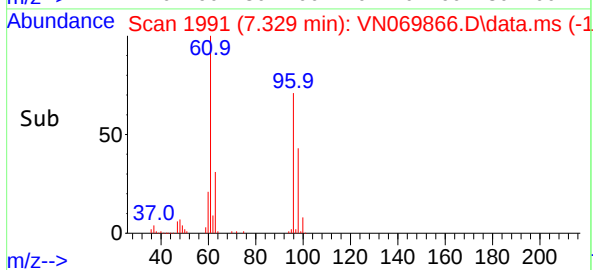
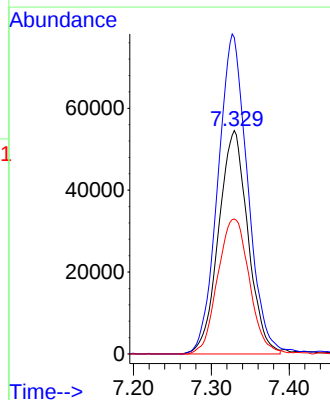
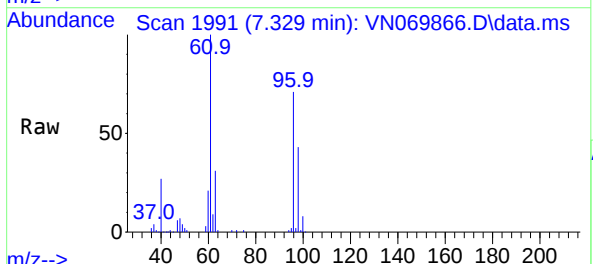
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20211206

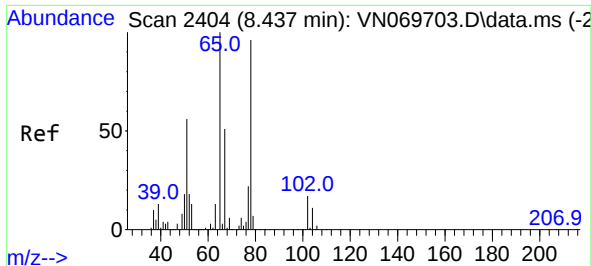
Tgt Ion:168 Resp: 1335328
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#27
cis-1,2-Dichloroethene
Concen: 8.55 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

Tgt Ion: 96 Resp: 142782
Ion Ratio Lower Upper
96 100
61 145.6 0.0 275.0
98 65.2 0.0 129.6

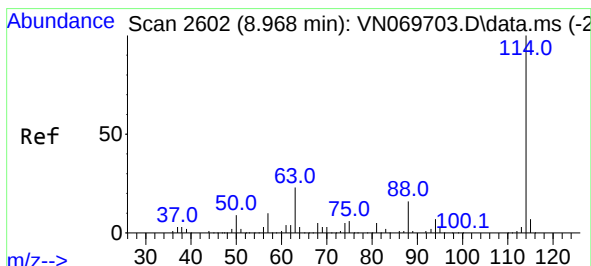
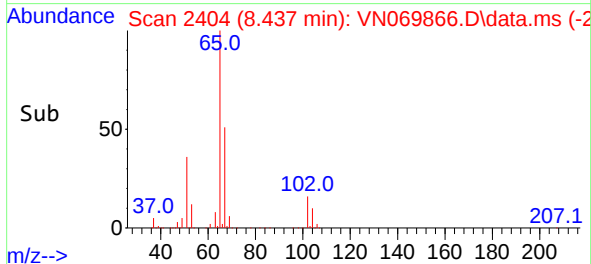
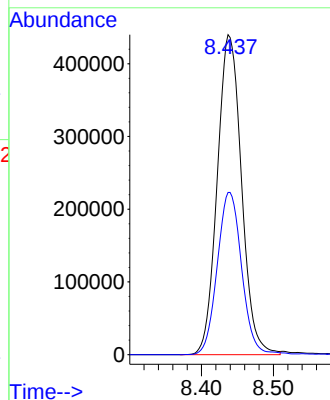
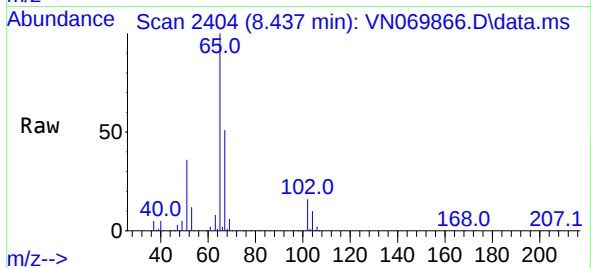




#33
1,2-Dichloroethane-d4
Concen: 49.98 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

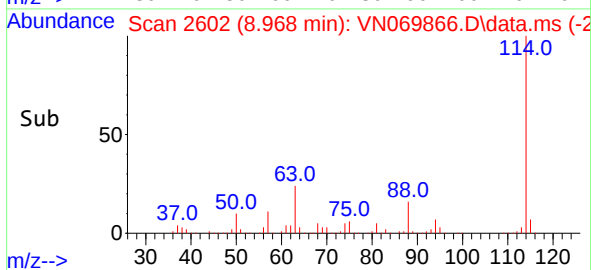
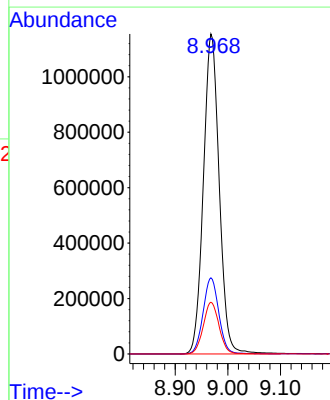
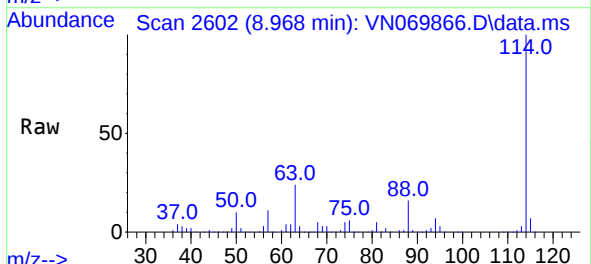
Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20211206

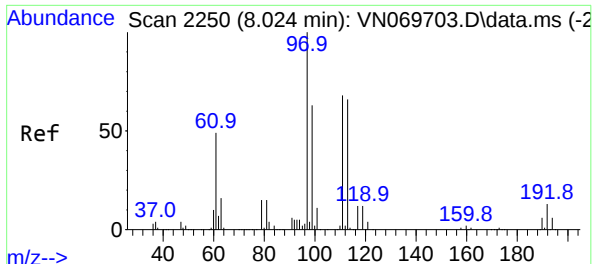
Tgt Ion: 65 Resp: 1030391
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

Tgt Ion: 114 Resp: 2409197
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.2 0.0 27.4

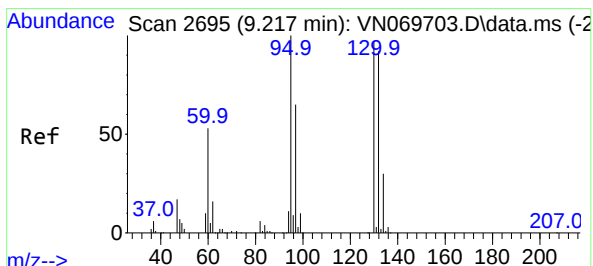
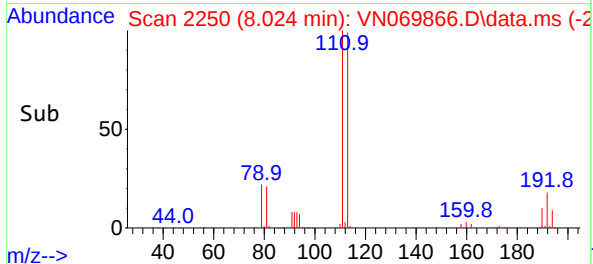
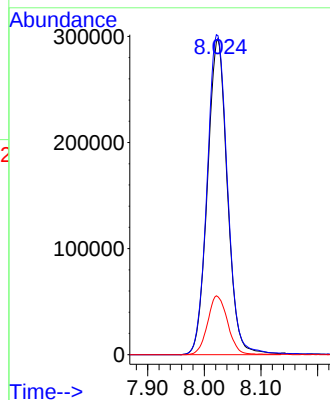
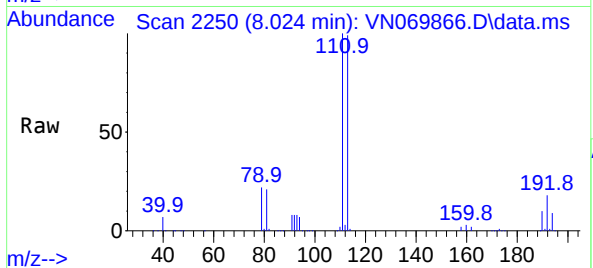




#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

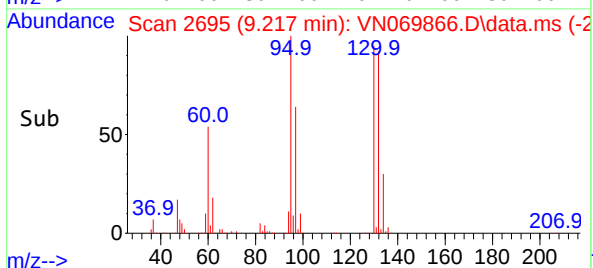
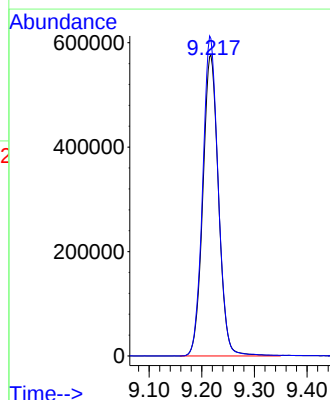
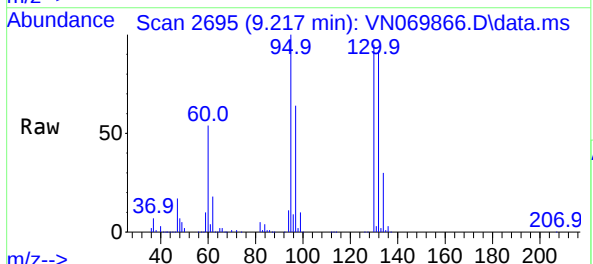
Instrument :
MSVOA_N
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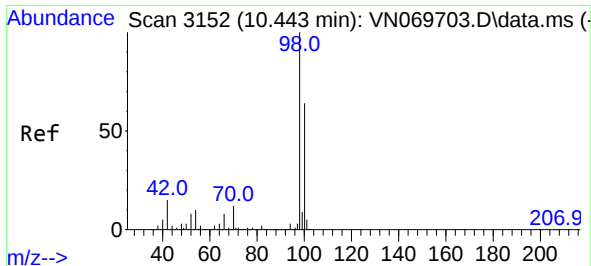
Tgt Ion:113 Resp: 727881
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.7 16.9 25.3



#44
Trichloroethene
Concen: 71.13 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

Tgt Ion:130 Resp: 1190159
Ion Ratio Lower Upper
130 100
95 105.5 0.0 191.2

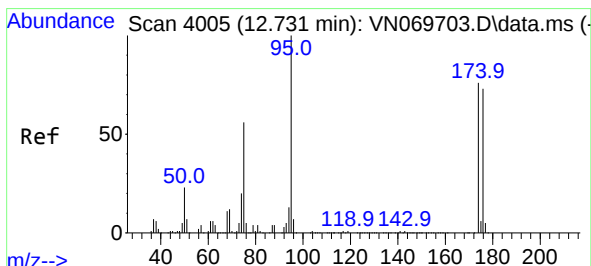
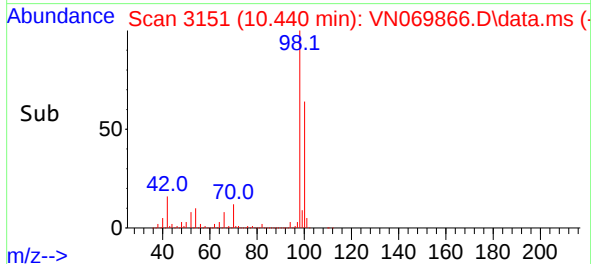
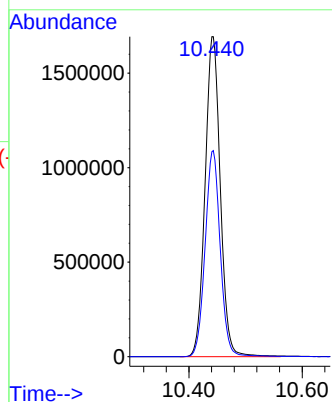
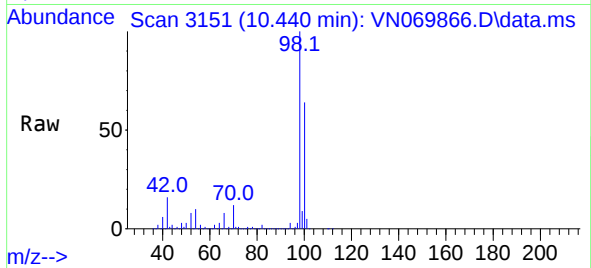




#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

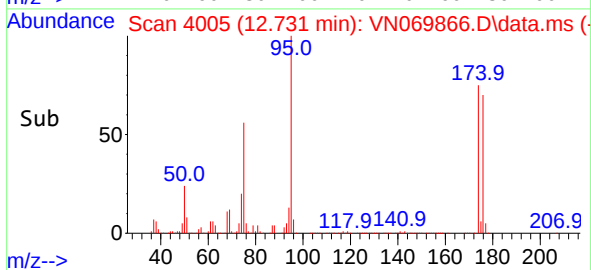
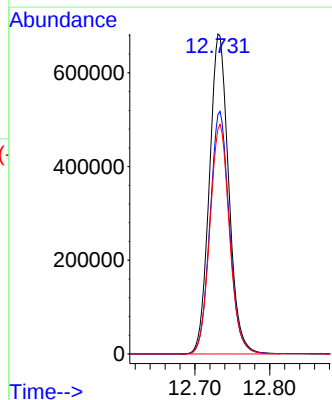
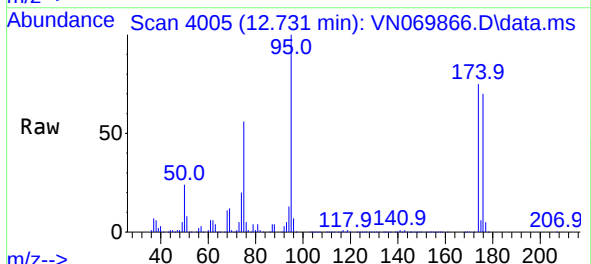
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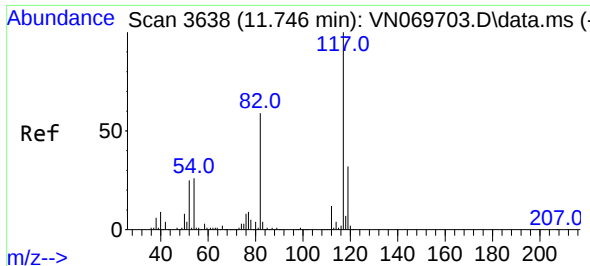
Tgt Ion: 98 Resp: 3160380
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.77 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

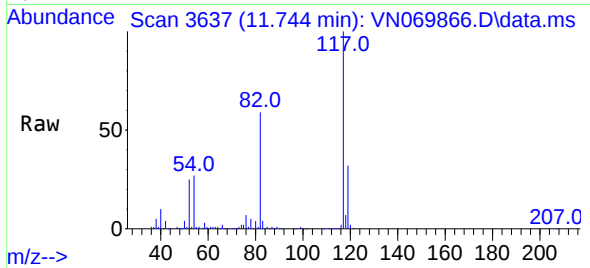
Tgt Ion: 95 Resp: 1224306
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 72.7 0.0 181.4





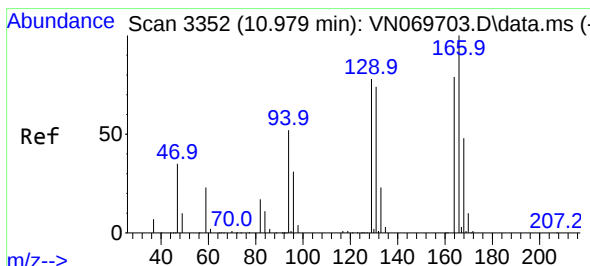
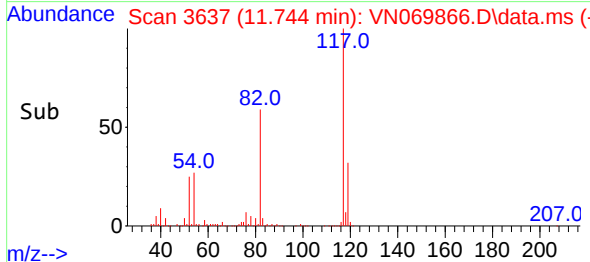
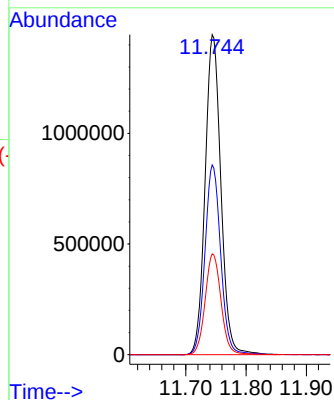
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

Instrument :
MSVOA_N
ClientSampleId :
MW179D1-20211206



Tgt Ion:117 Resp: 2627180

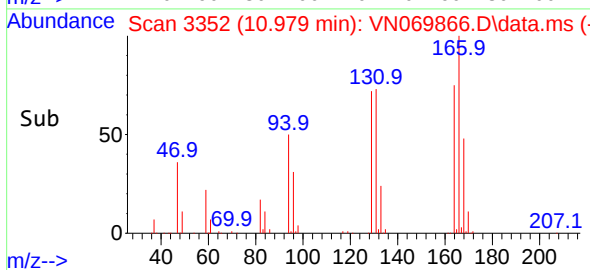
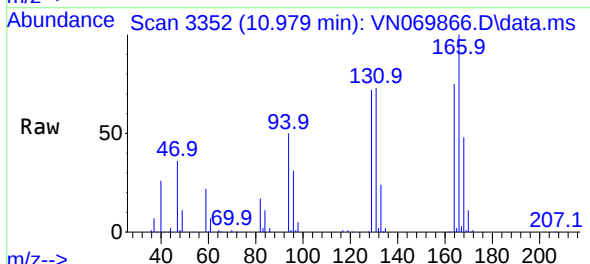
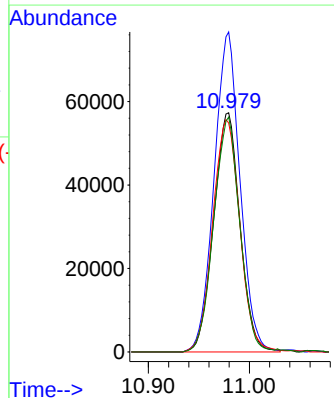
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	31.5	25.4	38.2

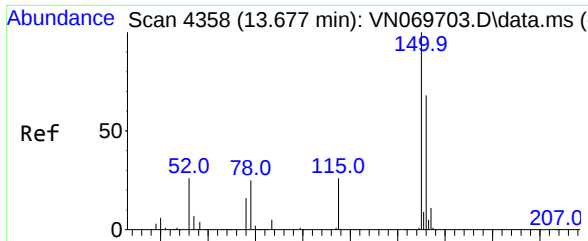


#64
Tetrachloroethene
Concen: 5.82 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069866.D
Acq: 8 Dec 2021 17:20

Tgt Ion:164 Resp: 103634

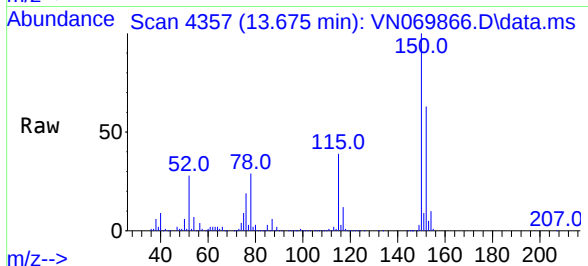
Ion	Ratio	Lower	Upper
164	100		
166	133.8	101.9	152.9
129	95.7	72.0	108.0
131	98.2	70.9	106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069866.D
 Acq: 8 Dec 2021 17:20

Instrument :
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Tgt Ion:152 Resp: 986289

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.5	82.5
150	157.1	0.0	344.4

