

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069726.D
 Acq On : 3 Dec 2021 18:37
 Operator : JC/MD
 Sample : M4922-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20211130

Quant Time: Dec 04 05:34:55 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)

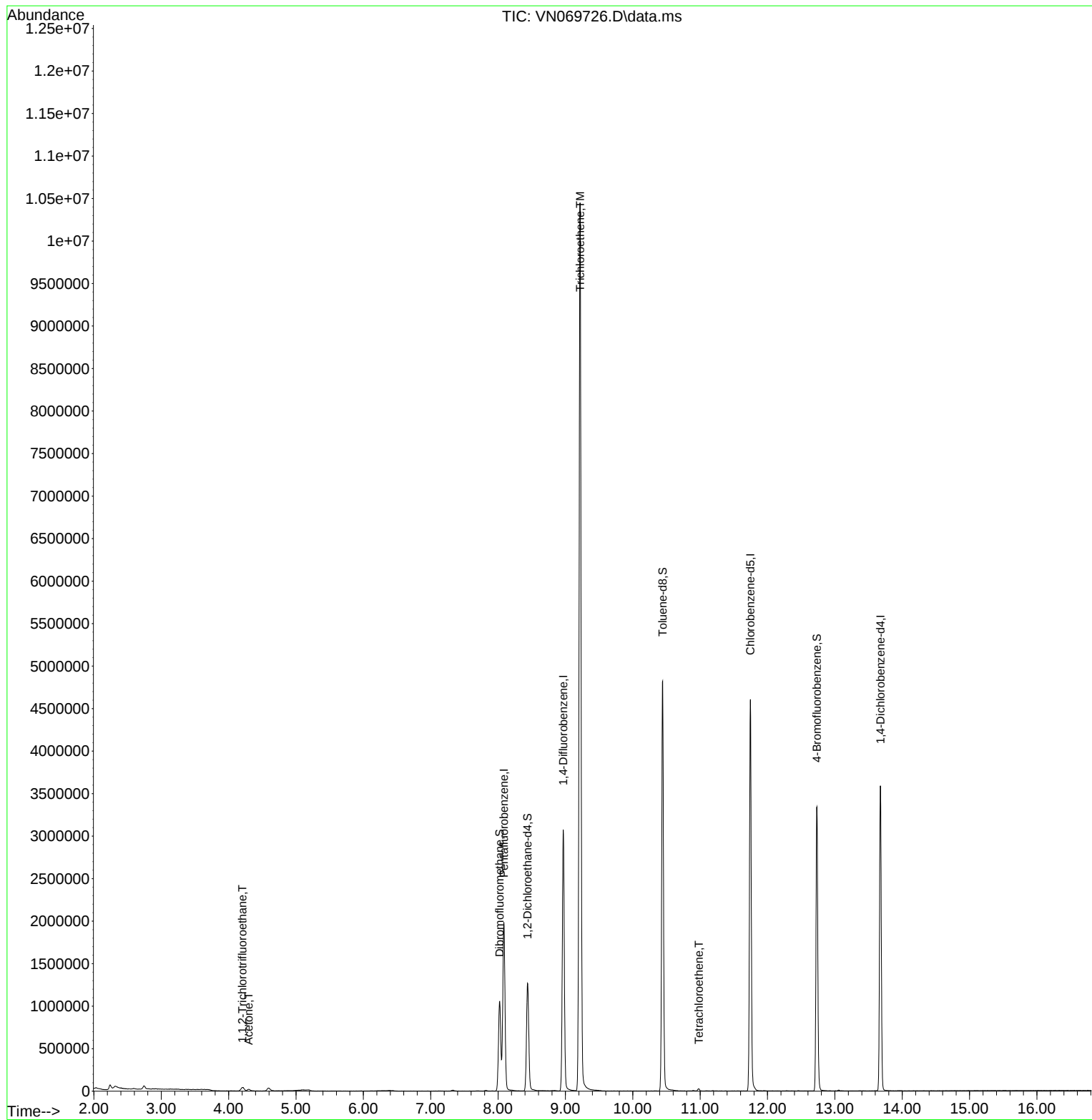
Internal Standards						
1) Pentafluorobenzene	8.086	168	1473482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2569138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2592562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	959488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1117844	49.135	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.021	113	765059	47.541	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.080%
50) Toluene-d8	10.443	98	3255752	50.386	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.733	95	1188068	50.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.205	101	25590	1.757	ug/l	98
16) Acetone	4.296	43	31865	2.328	ug/l	96
44) Trichloroethene	9.217	130	3616065	202.661	ug/l	92
64) Tetrachloroethene	10.982	164	5875	0.334	ug/l	92

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

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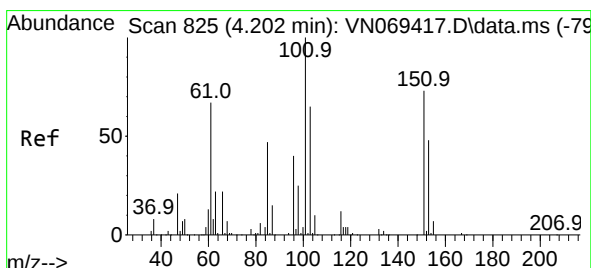
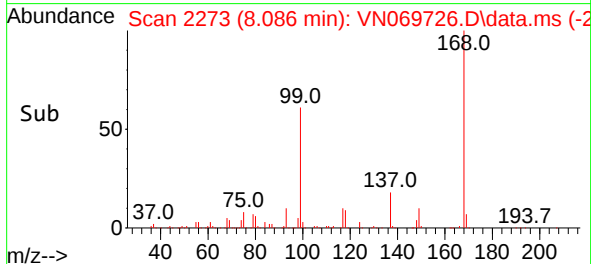
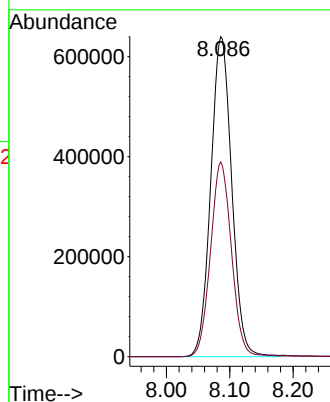
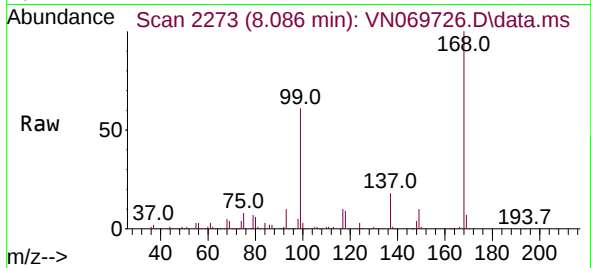




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

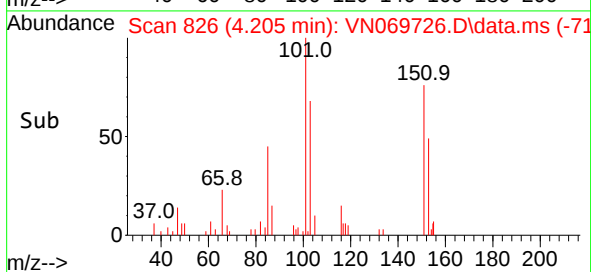
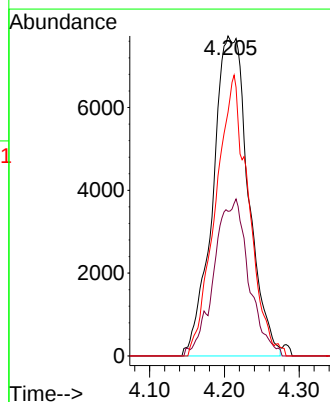
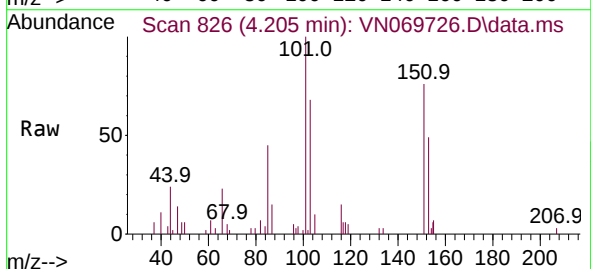
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20211130

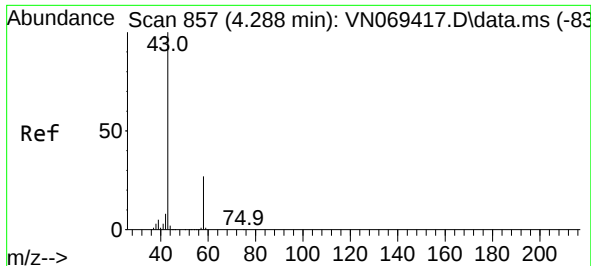
Tgt Ion:168 Resp: 1473482
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.757 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.003 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Tgt Ion:101 Resp: 25590
Ion Ratio Lower Upper
101 100
85 47.8 37.2 55.8
151 81.1 65.9 98.9

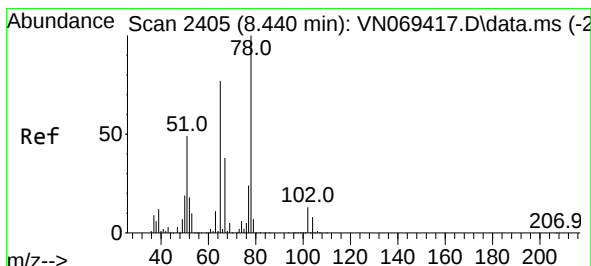
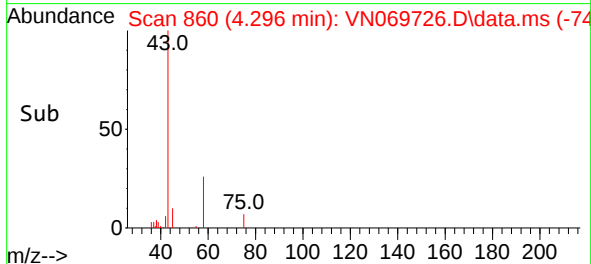
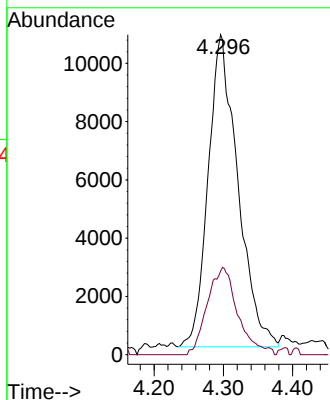
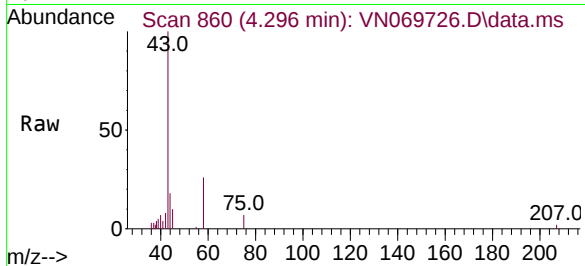




#16
Acetone
Concen: 2.328 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.005 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

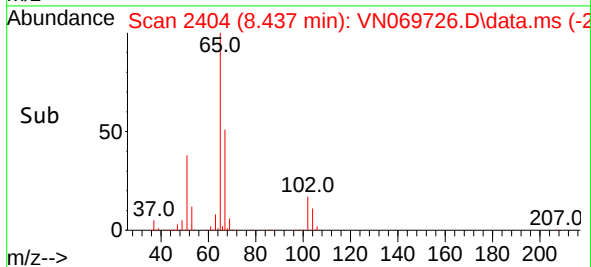
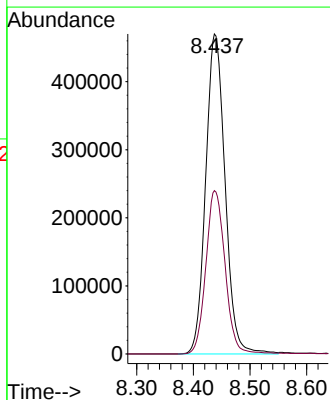
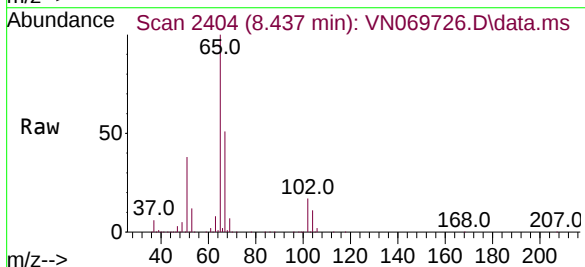
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20211130

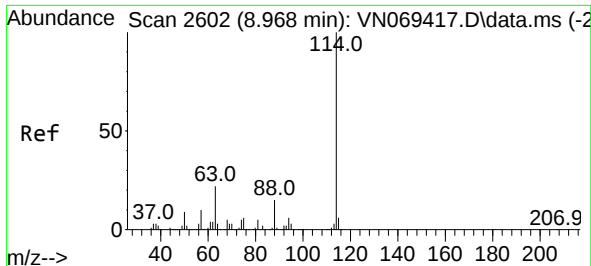
Tgt Ion: 43 Resp: 31865
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 49.135 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Tgt Ion: 65 Resp: 1117844
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

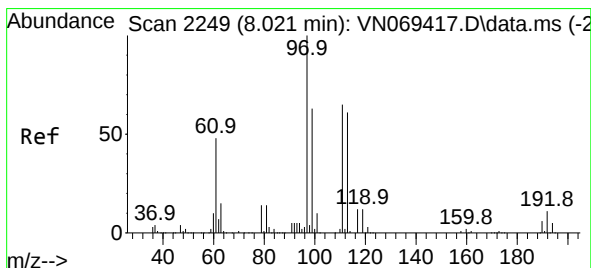
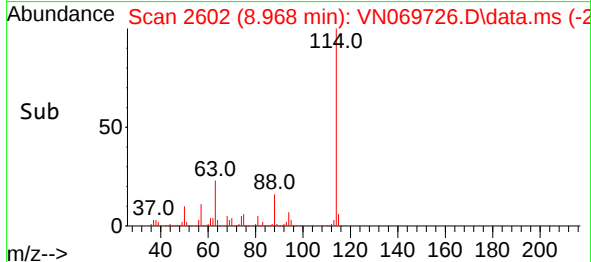
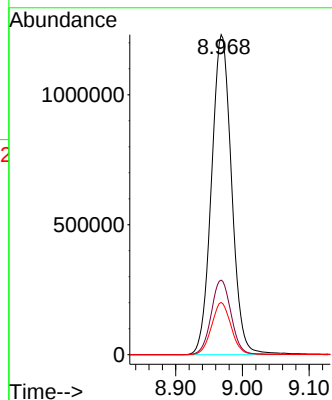
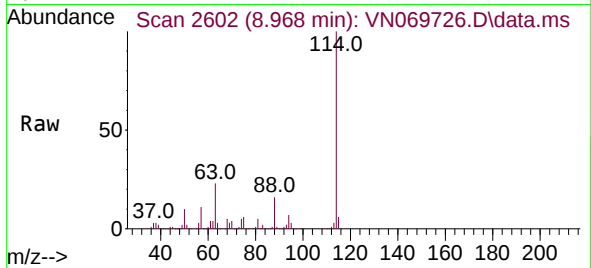




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

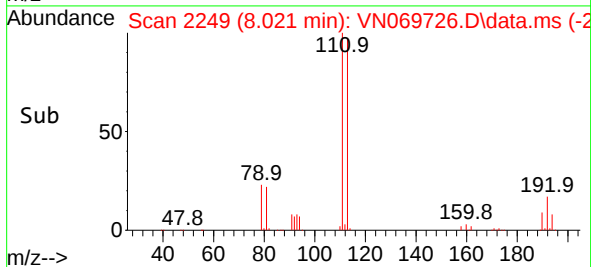
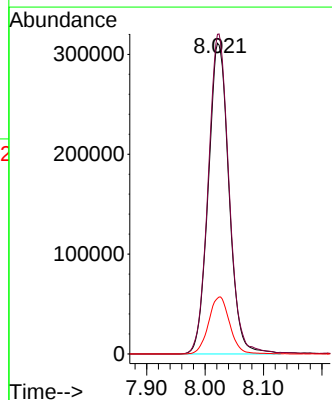
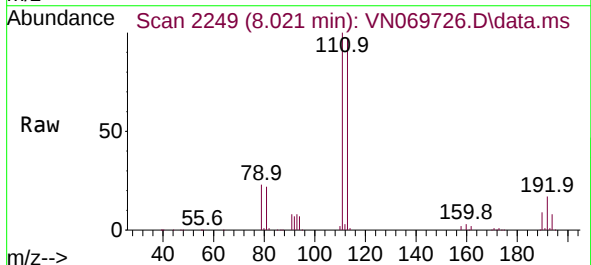
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20211130

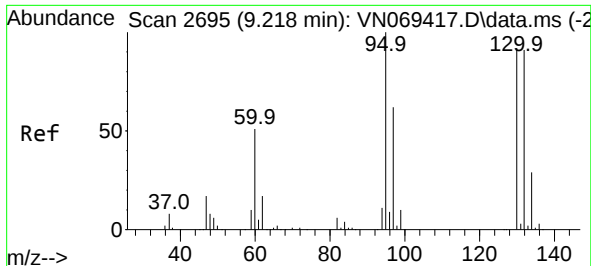
Tgt Ion:114 Resp: 2569138
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.541 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Tgt Ion:113 Resp: 765059
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.8 16.9 25.3





#44

Trichloroethene

Concen: 202.661 ug/l

RT: 9.217 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN069726.D

Acq: 3 Dec 2021 18:37

Instrument :

MSVOA_N

ClientSampleId :

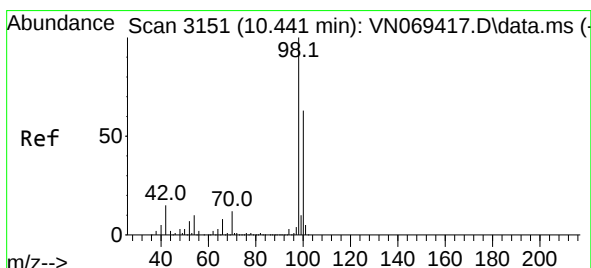
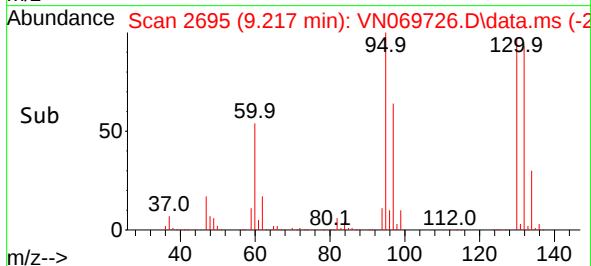
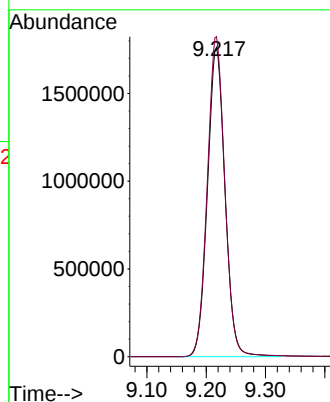
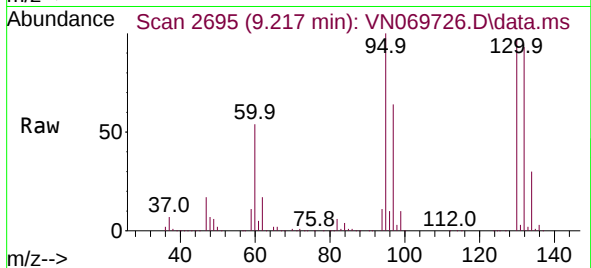
RE103D3-20211130

Tgt Ion:130 Resp: 3616065

Ion Ratio Lower Upper

130 100

95 103.4 0.0 191.2



#50

Toluene-d8

Concen: 50.386 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069726.D

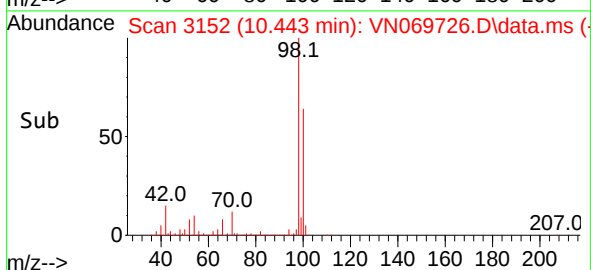
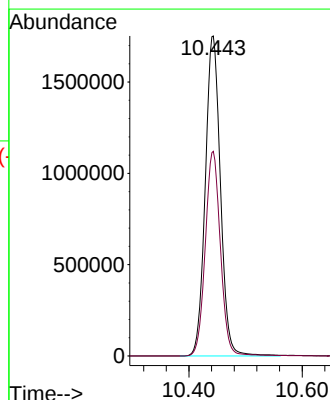
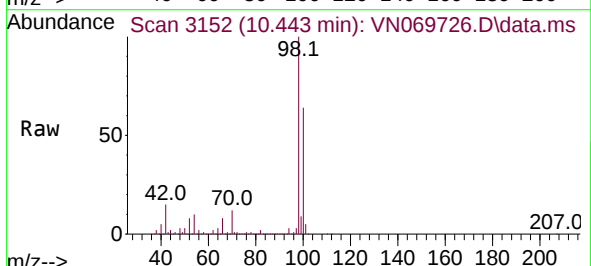
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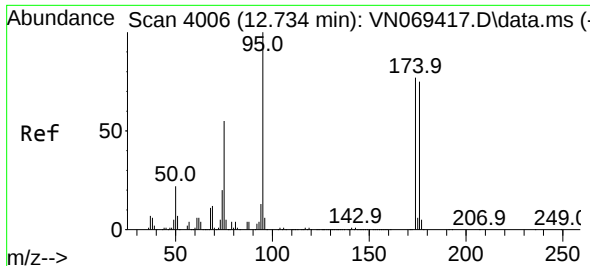
Tgt Ion: 98 Resp: 3255752

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6

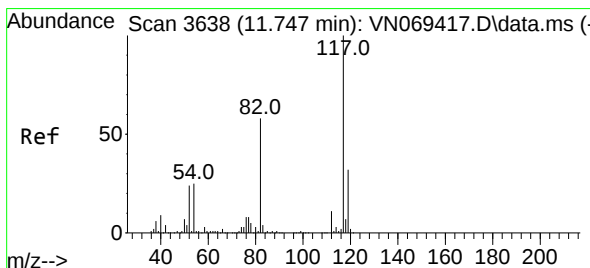
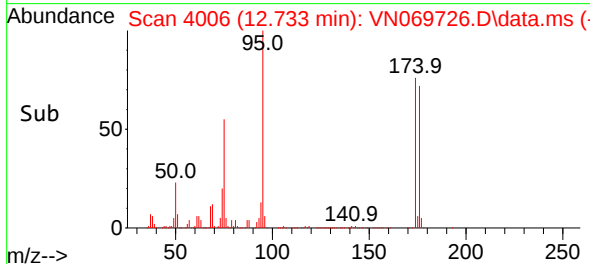
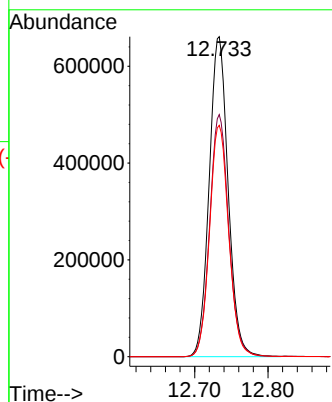
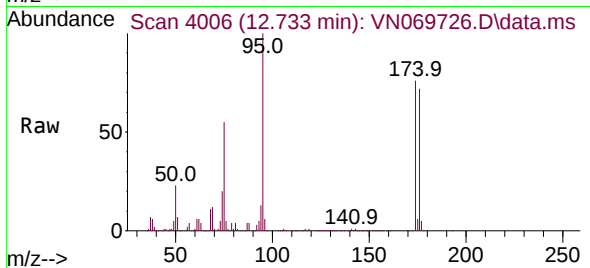




#62
4-Bromofluorobenzene
Concen: 50.752 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

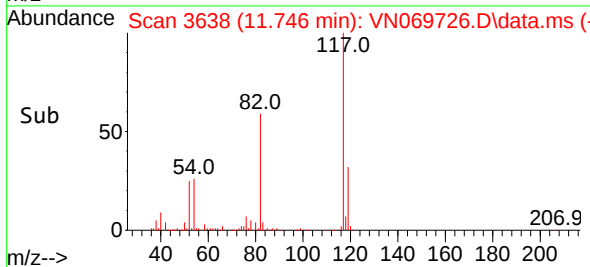
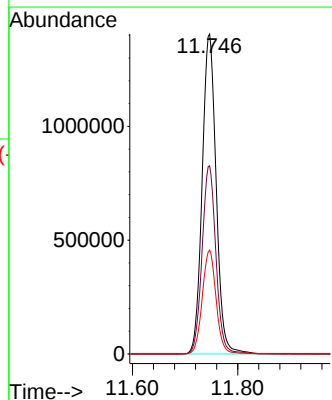
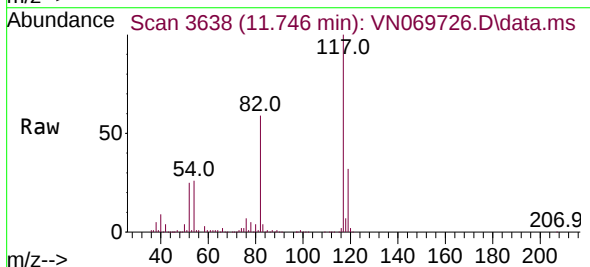
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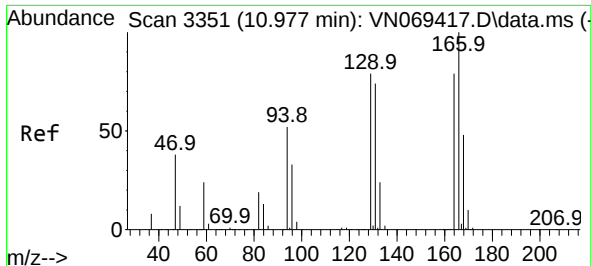
Tgt Ion: 95 Resp: 1188068
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Tgt Ion: 117 Resp: 2592562
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.4 25.4 38.2

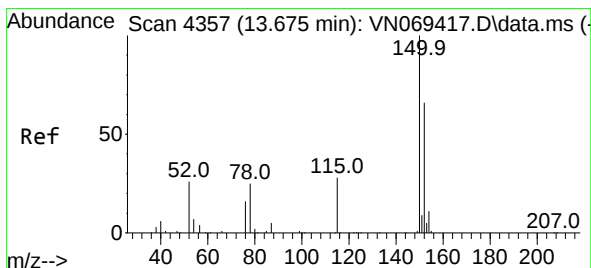
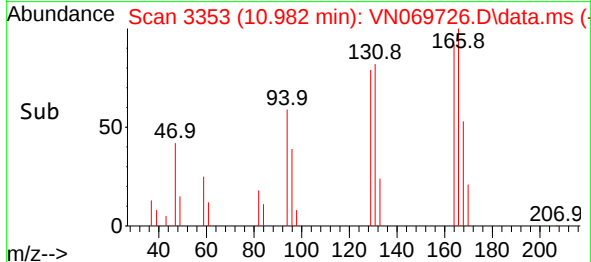
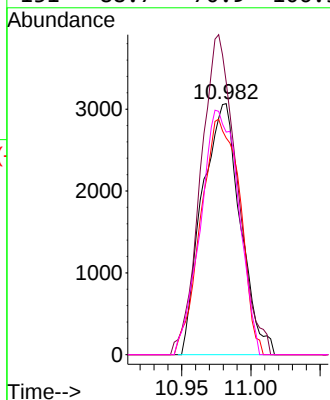
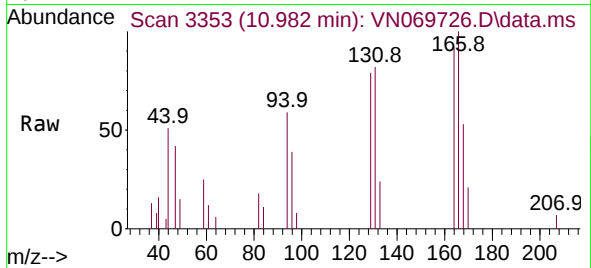




#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 10.982 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	5875	
Ion	Ratio	Lower	Upper
164	100		
166	108.6	101.9	152.9
129	86.3	72.0	108.0
131	88.7	70.9	106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069726.D
Acq: 3 Dec 2021 18:37

Tgt Ion:152	Resp:	959488	
Ion	Ratio	Lower	Upper
152	100		
115	61.5	27.5	82.5
150	156.6	0.0	344.4

