

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069812.D
 Acq On : 7 Dec 2021 14:08
 Operator : JC/MD
 Sample : M4956-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D2-20211202

Quant Time: Dec 08 04:35:14 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)

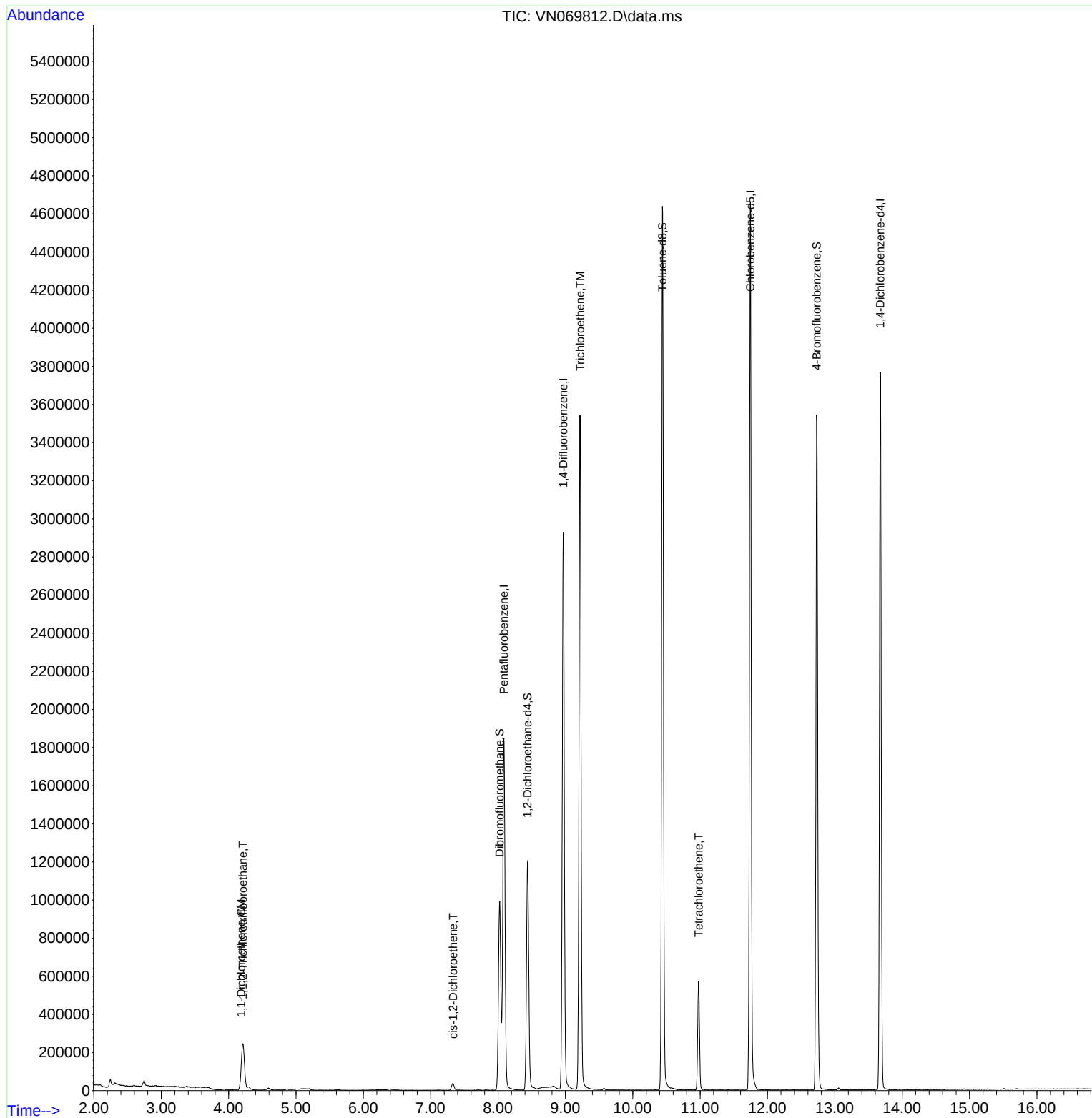
Internal Standards						
1) Pentafluorobenzene	8.085	168	1382052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2467642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2615755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1013567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1045969	49.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.04%			
35) Dibromofluoromethane	8.024	113	732003	47.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.72%			
50) Toluene-d8	10.440	98	3165412	51.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.00%			
62) 4-Bromofluorobenzene	12.731	95	1232816	54.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.66%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.210	101	161417	11.82	ug/l	95
12) 1,1-Dichloroethene	4.189	96	4638	0.35	ug/l	94
27) cis-1,2-Dichloroethene	7.332	96	20536	1.19	ug/l	96
44) Trichloroethene	9.217	130	1237184	72.19	ug/l	92
64) Tetrachloroethene	10.977	164	127802	7.21	ug/l	97

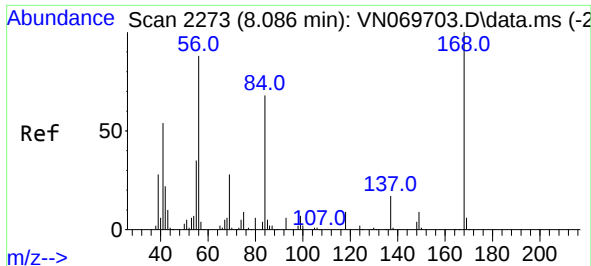
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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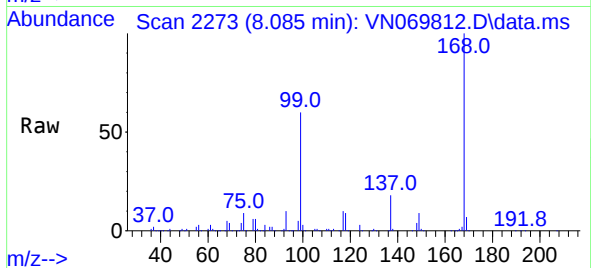
Quant Time: Dec 08 04:35:14 2021
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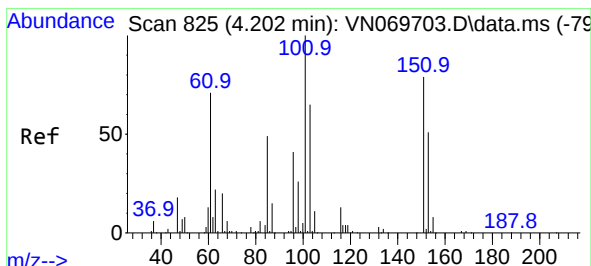
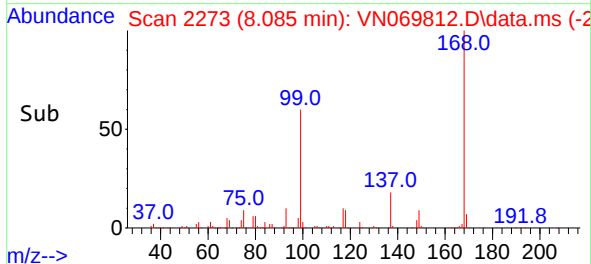
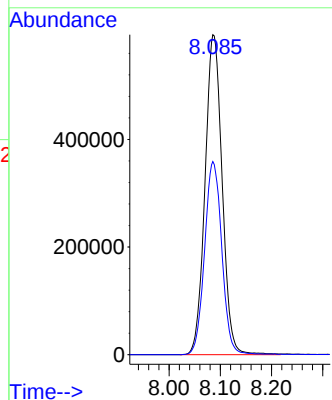


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

Instrument :
MSVOA_N
ClientSampleId :
RE134D2-20211202

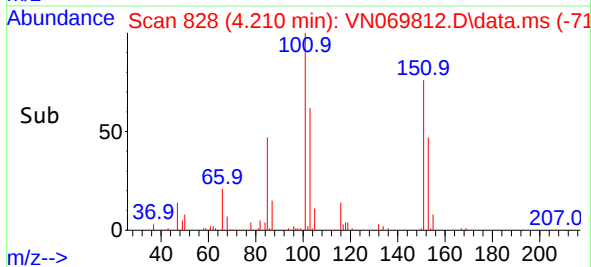
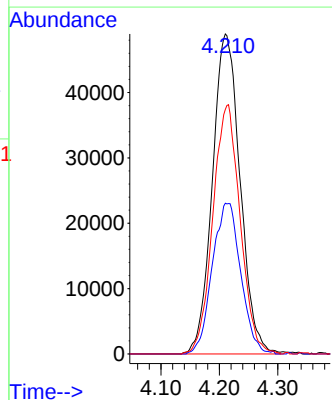
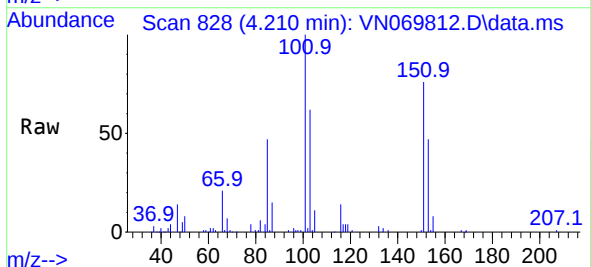


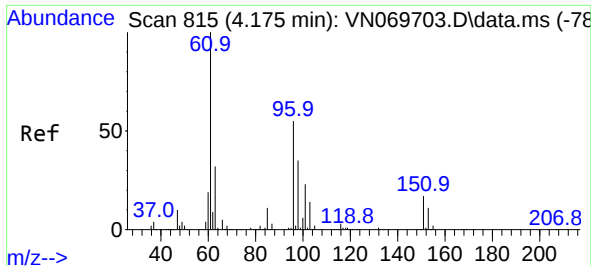
Tgt Ion:168 Resp: 1382052
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.82 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.008 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

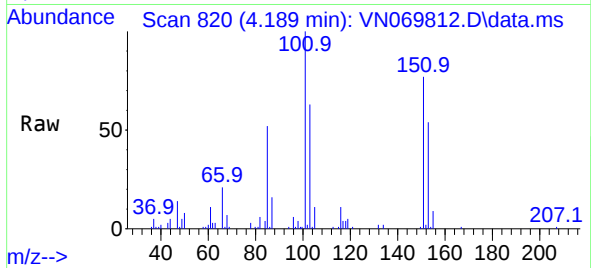
Tgt Ion:101 Resp: 161417
Ion Ratio Lower Upper
101 100
85 48.4 37.2 55.8
151 76.7 65.9 98.9



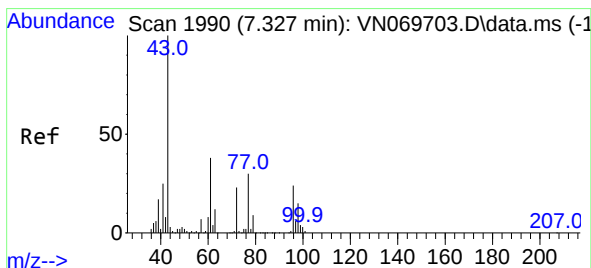
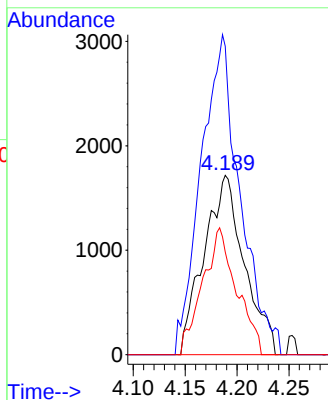
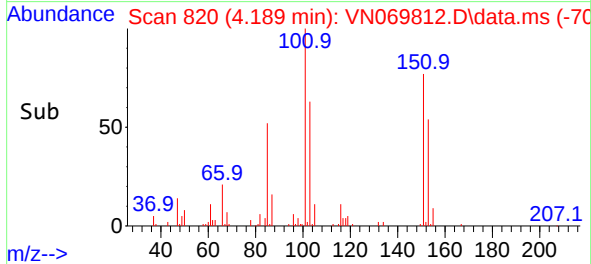


#12
1,1-Dichloroethene
Concen: 0.35 ug/l
RT: 4.189 min Scan# 815
Delta R.T. 0.013 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

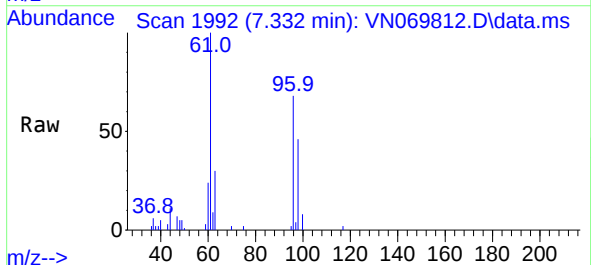
Instrument :
MSVOA_N
ClientSampleId :
RE134D2-20211202



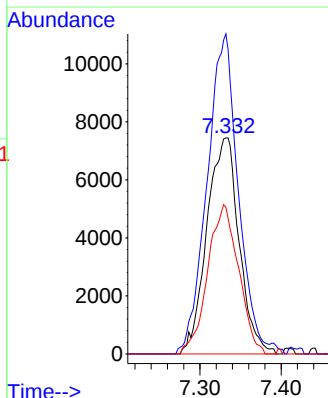
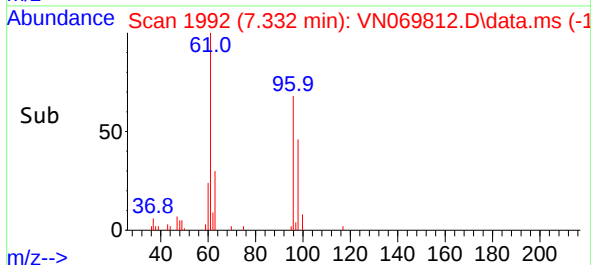
Tgt Ion: 96 Resp: 4638
Ion Ratio Lower Upper
96 100
61 158.3 131.0 196.6
98 57.3 52.4 78.6

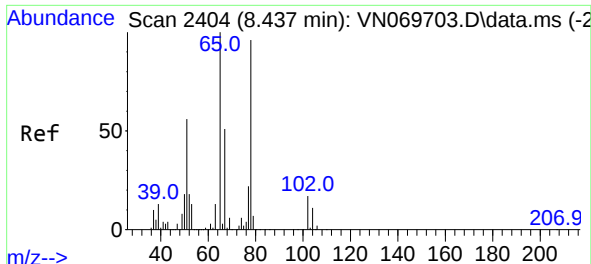


#27
cis-1,2-Dichloroethene
Concen: 1.19 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08



Tgt Ion: 96 Resp: 20536
Ion Ratio Lower Upper
96 100
61 142.8 0.0 275.0
98 66.2 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 49.02 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069812.D

Acq: 7 Dec 2021 14:08

Instrument :

MSVOA_N

ClientSampleId :

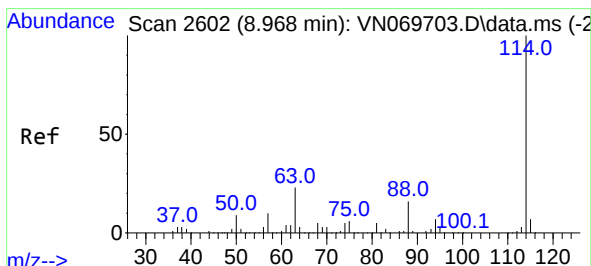
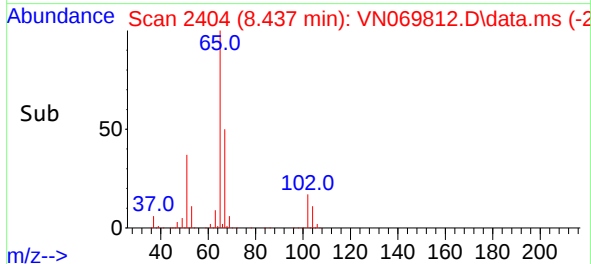
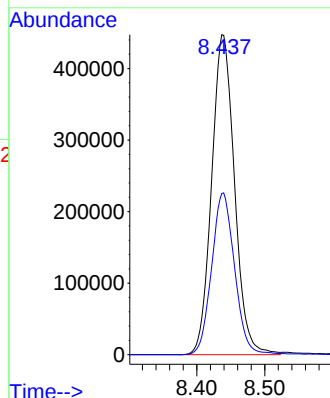
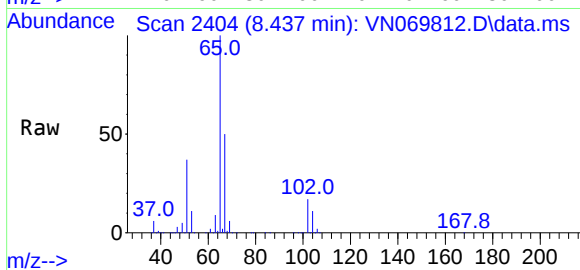
RE134D2-20211202

Tgt Ion: 65 Resp: 1045969

Ion Ratio Lower Upper

65 100

67 50.8 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: VN069812.D

Acq: 7 Dec 2021 14:08

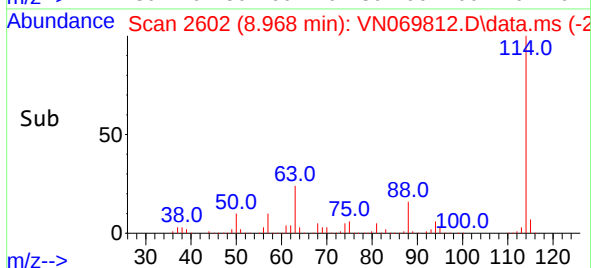
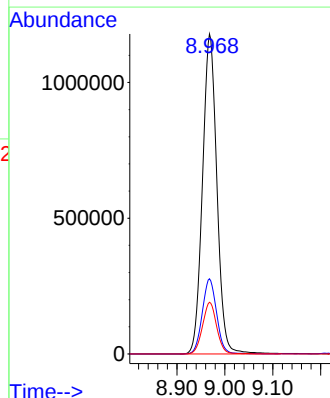
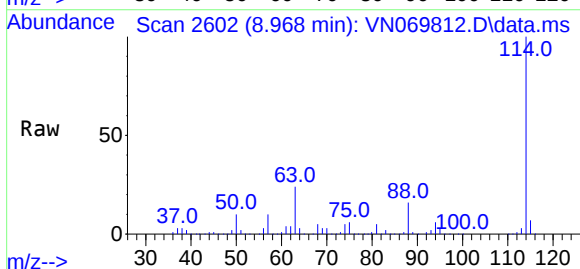
Tgt Ion: 114 Resp: 2467642

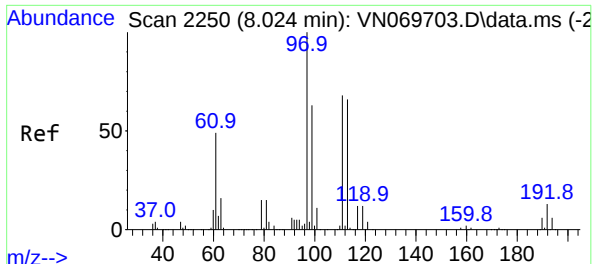
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

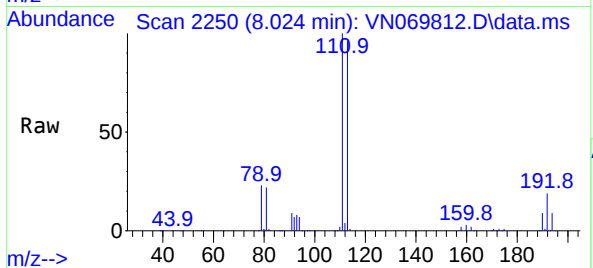
88 16.1 0.0 27.4



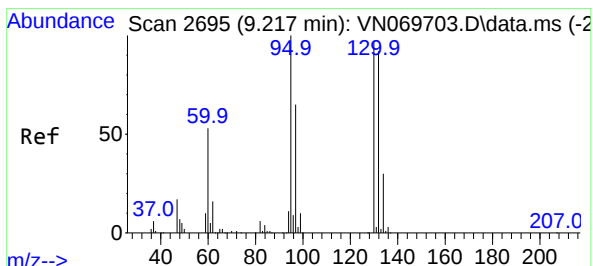
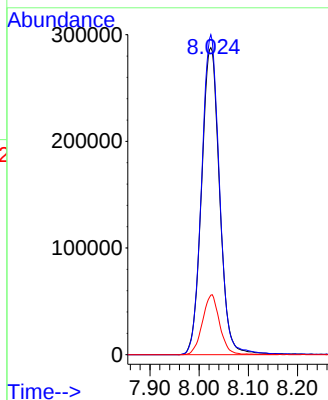
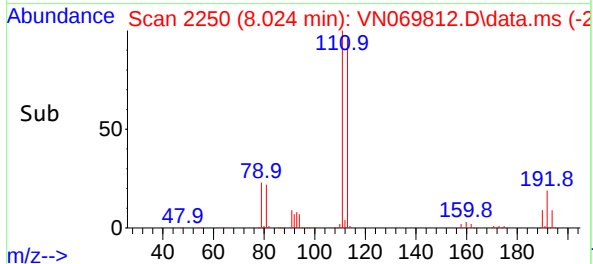


#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

Instrument :
MSVOA_N
ClientSampleId :
RE134D2-20211202

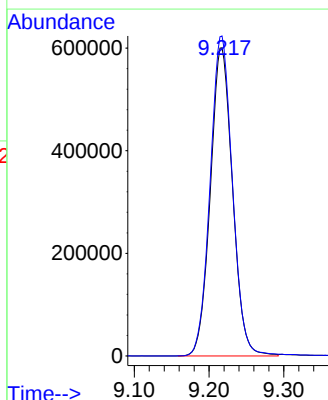
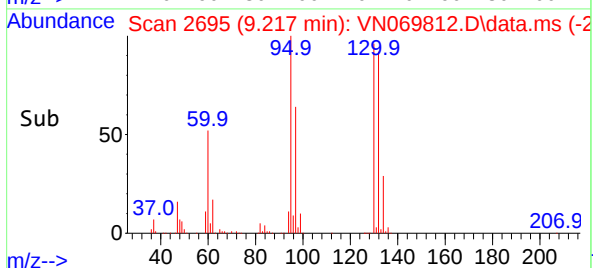
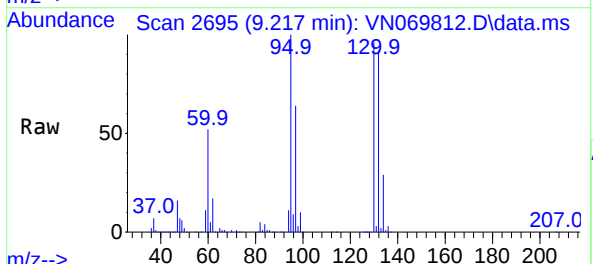


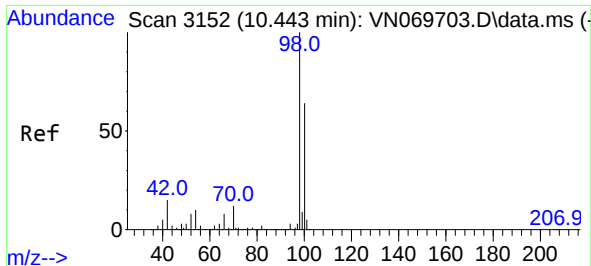
Tgt Ion:113 Resp: 732003
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.5 16.9 25.3



#44
Trichloroethene
Concen: 72.19 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

Tgt Ion:130 Resp: 1237184
Ion Ratio Lower Upper
130 100
95 103.8 0.0 191.2

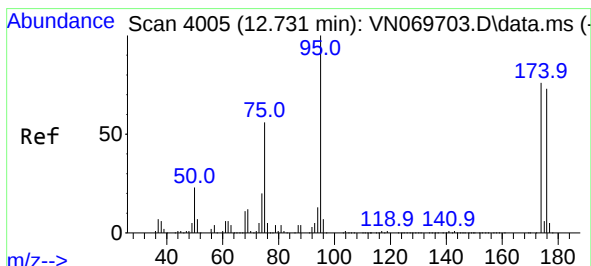
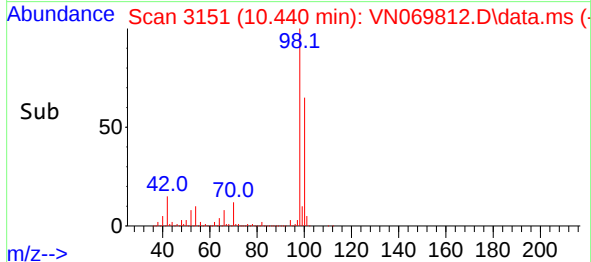
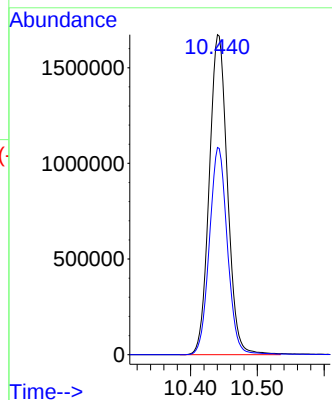
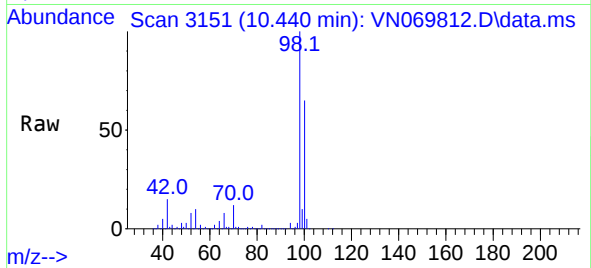




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

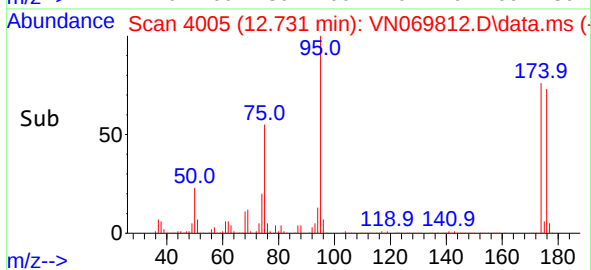
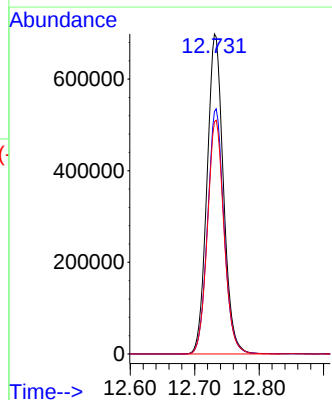
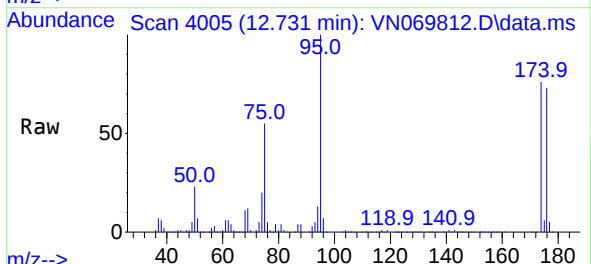
Instrument :
MSVOA_N
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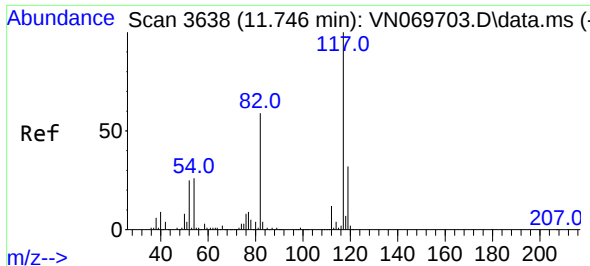
Tgt Ion: 98 Resp: 3165412
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.83 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

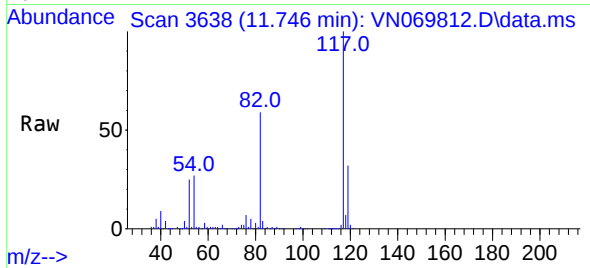
Tgt Ion: 95 Resp: 1232816
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.9 0.0 181.4





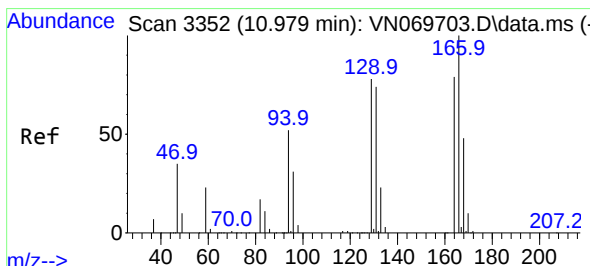
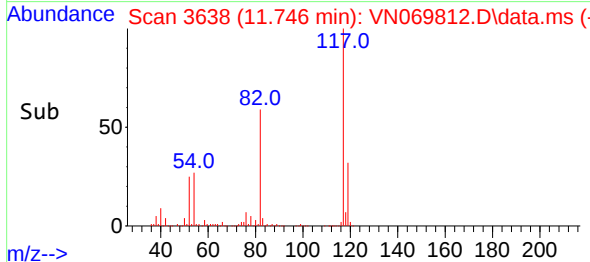
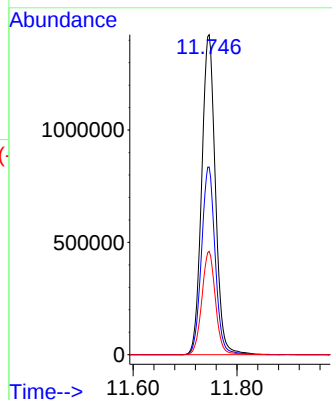
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2615755

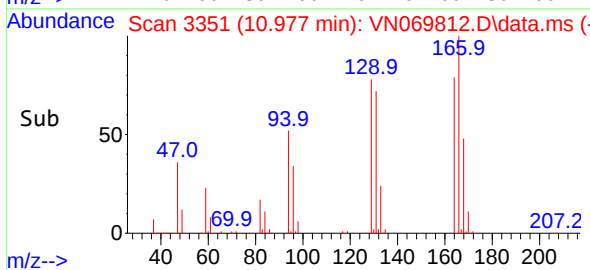
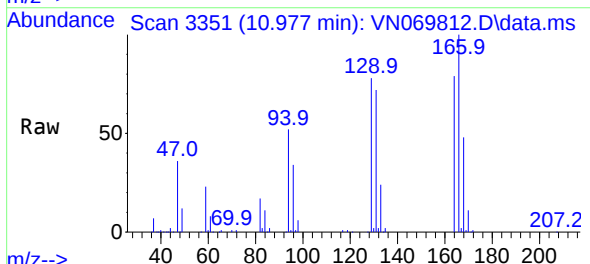
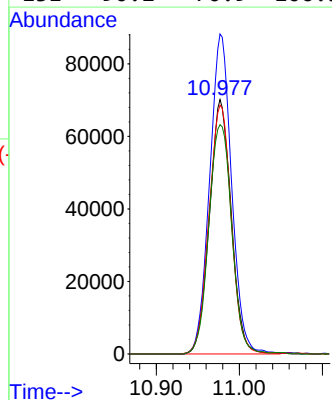
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	32.3	25.4	38.2

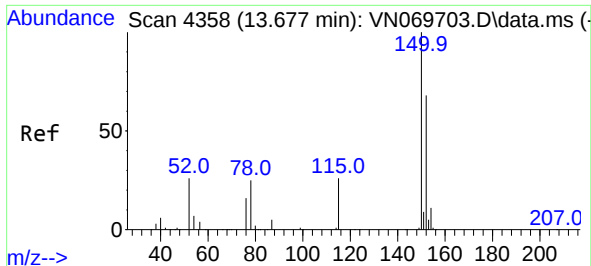


#64
Tetrachloroethene
Concen: 7.21 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069812.D
Acq: 7 Dec 2021 14:08

Tgt Ion:164 Resp: 127802

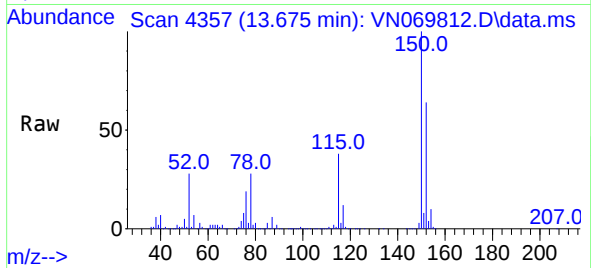
Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.9	152.9
129	97.8	72.0	108.0
131	90.2	70.9	106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069812.D
 Acq: 7 Dec 2021 14:08

Instrument :
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 RE134D2-20211202



Tgt Ion:152 Resp: 1013567

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.5	82.5
150	156.3	0.0	344.4

