

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068522.D
 Acq On : 17 Sep 2021 16:09
 Operator : JC/MD
 Sample : M3781-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D1-20210915

Manual Integrations
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Quant Time: Sep 20 03:58:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	473434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	718380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	625336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	230812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	241105	55.518	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.040%	
35) Dibromofluoromethane	8.024	113	224288	51.766	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.540%	
50) Toluene-d8	10.446	98	846836	47.822	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	12.734	95	237567	41.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 82.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	2454	0.635	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.226	101	8073m	1.987	ug/l	
12) 1,1-Dichloroethene	4.189	96	4175	1.122	ug/l	95
27) cis-1,2-Dichloroethene	7.332	96	4404	0.883	ug/l	84
30) Chloroform	7.817	83	5452	0.665	ug/l #	79
44) Trichloroethene	9.217	130	641494	114.285	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	2790	0.598	ug/l	94

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

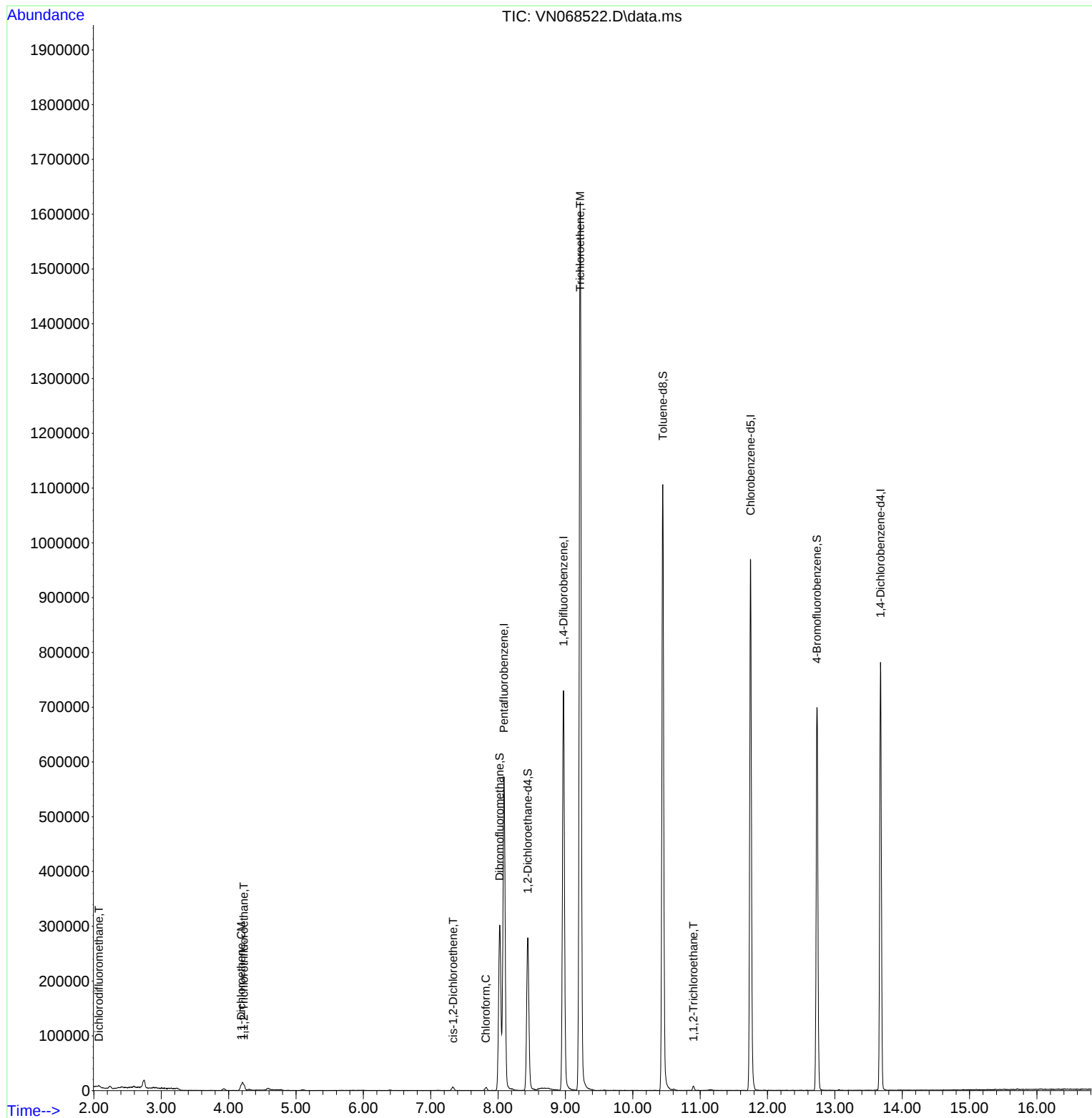
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
Data File : VN068522.D
Acq On : 17 Sep 2021 16:09
Operator : JC/MD
Sample : M3781-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

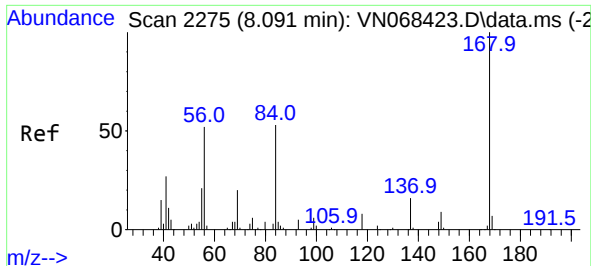
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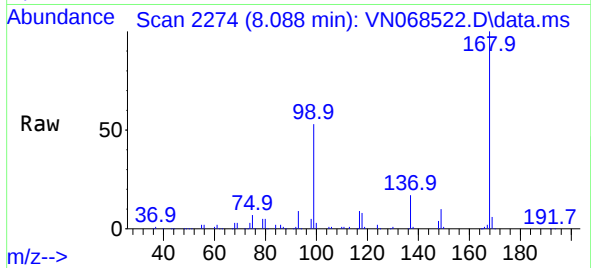
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

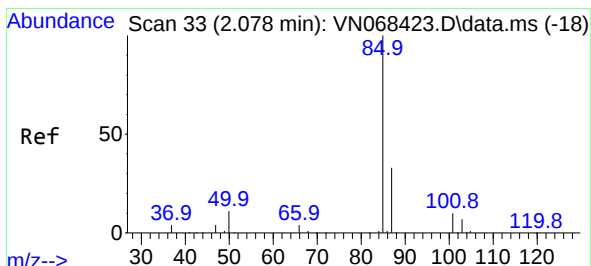
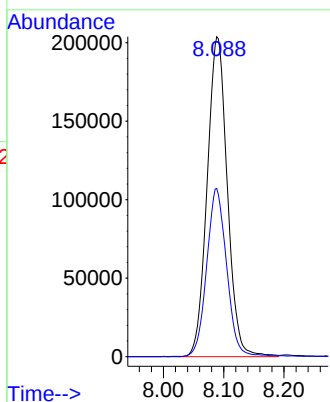
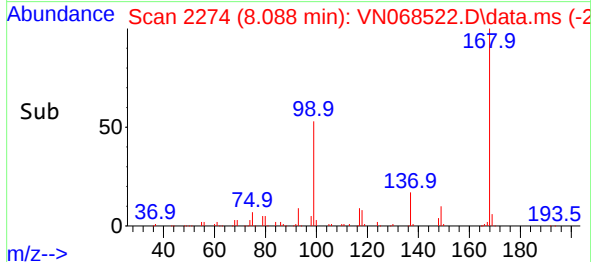
Instrument :
MSVOA_N
ClientSampleId :
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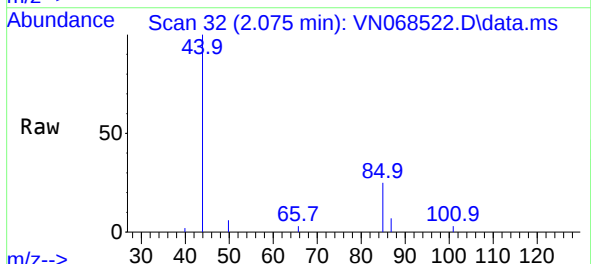
Tgt Ion:168 Resp: 473434
Ion Ratio Lower Upper
168 100
99 52.5 38.2 57.4

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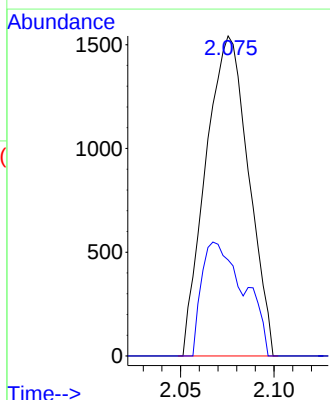
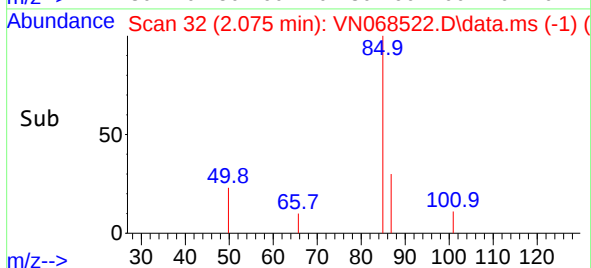
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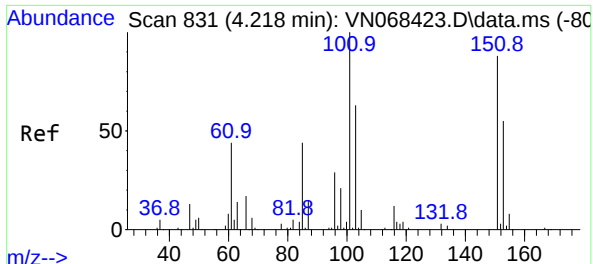


#2
Dichlorodifluoromethane
Concen: 0.635 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09



Tgt Ion: 85 Resp: 2454
Ion Ratio Lower Upper
85 100
87 30.0 16.5 49.5





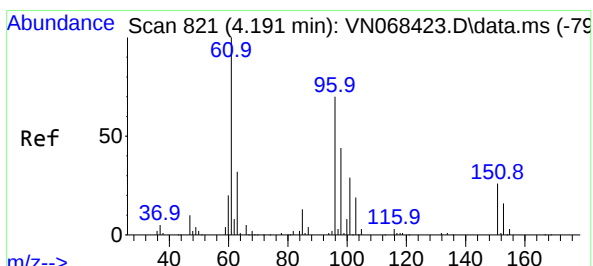
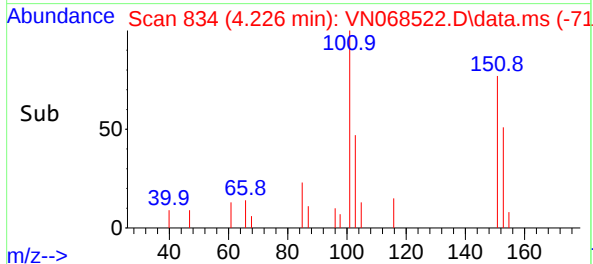
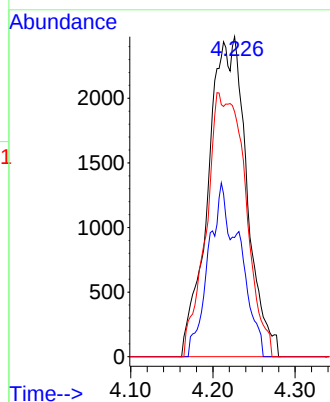
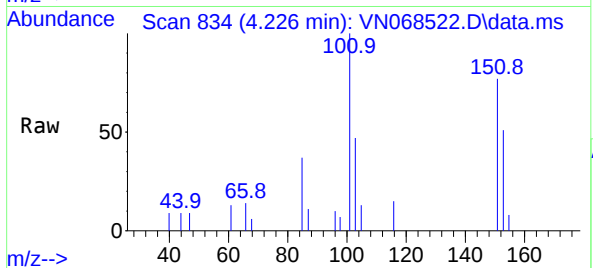
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.987 ug/l m
RT: 4.226 min Scan# 834
Delta R.T. 0.008 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 101 Resp: 8073
Ion Ratio Lower Upper
101 100
85 27.8 35.7 53.5#
151 38.1 71.6 107.4#

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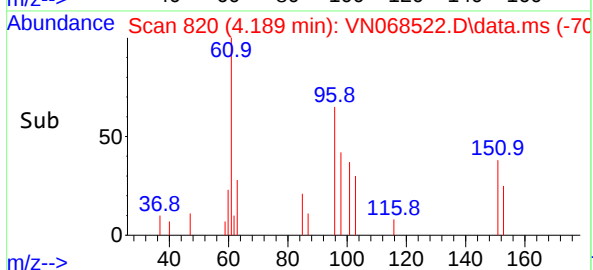
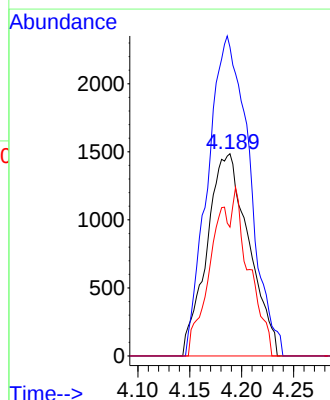
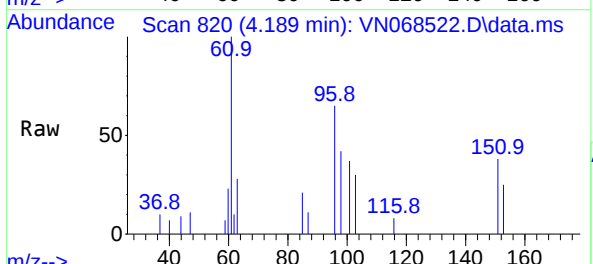
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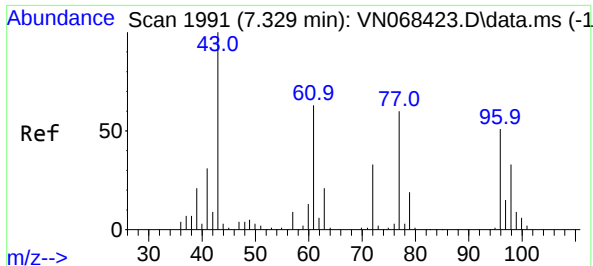
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#12
1,1-Dichloroethene
Concen: 1.122 ug/l
RT: 4.189 min Scan# 820
Delta R.T. -0.002 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 96 Resp: 4175
Ion Ratio Lower Upper
96 100
61 152.8 114.7 172.1
98 63.7 50.9 76.3





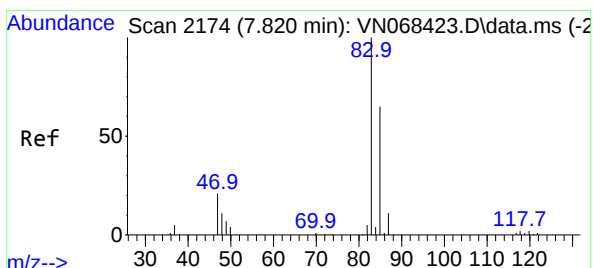
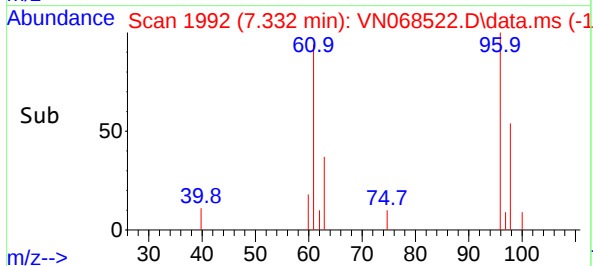
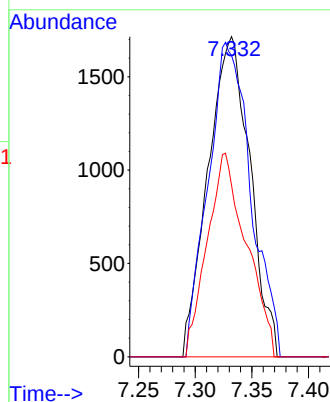
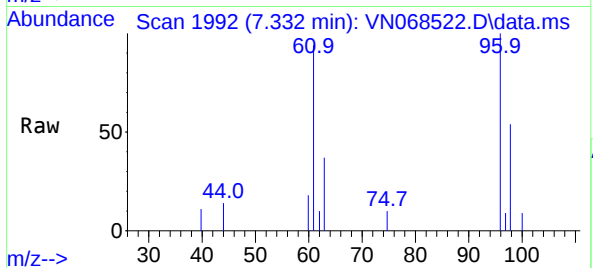
#27
cis-1,2-Dichloroethene
Concen: 0.883 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 96 Resp: 4404
Ion Ratio Lower Upper
96 100
61 100.1 0.0 246.4
98 59.4 0.0 130.4

Instrument :
MSVOA_N
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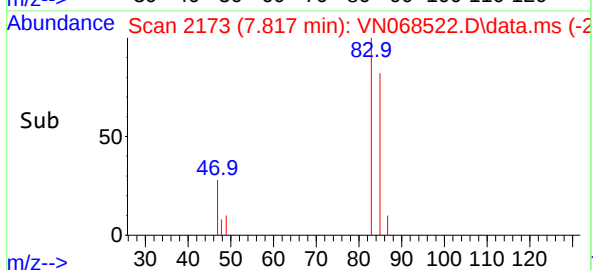
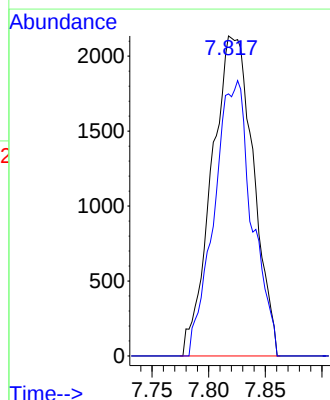
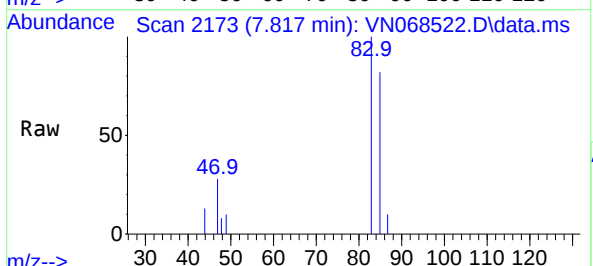
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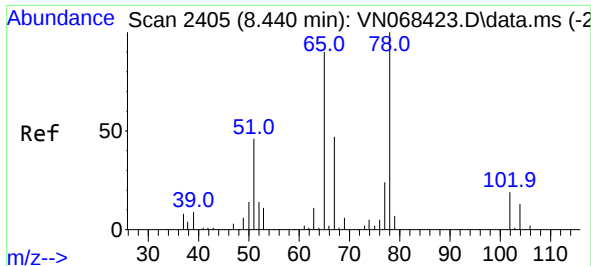
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#30
Chloroform
Concen: 0.665 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 83 Resp: 5452
Ion Ratio Lower Upper
83 100
85 81.9 52.2 78.4#





#33

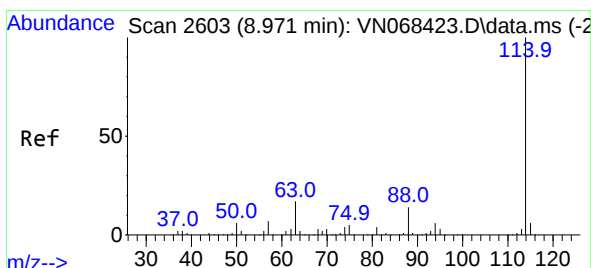
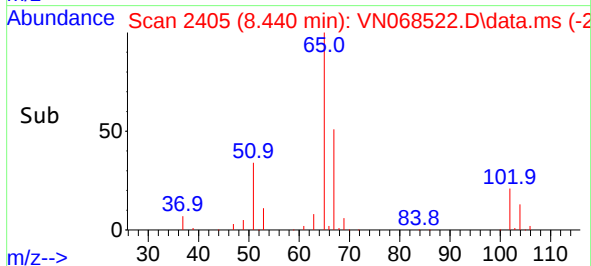
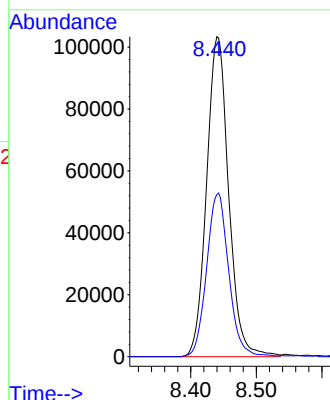
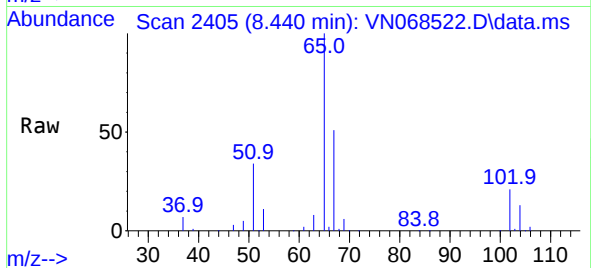
1,2-Dichloroethane-d4
Concen: 55.518 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

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Tgt Ion: 65 Resp: 241105
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

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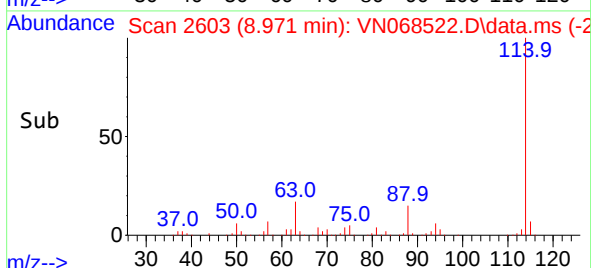
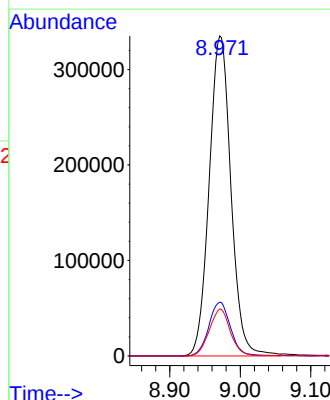
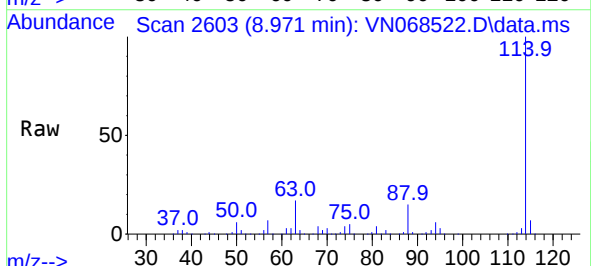
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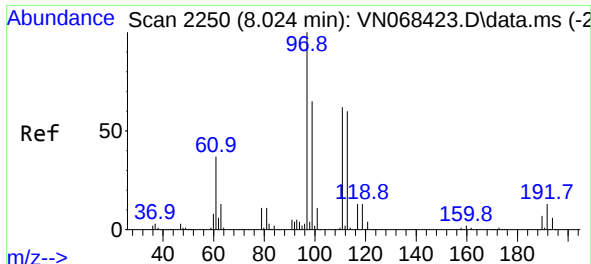


#34

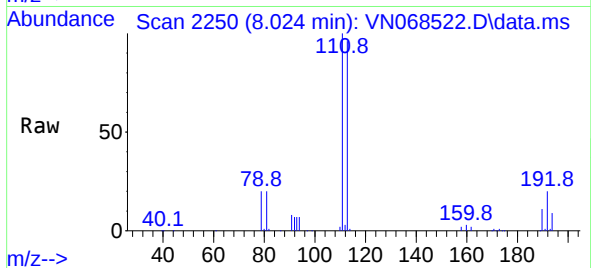
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 114 Resp: 718380
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.2
88 14.7 0.0 28.4

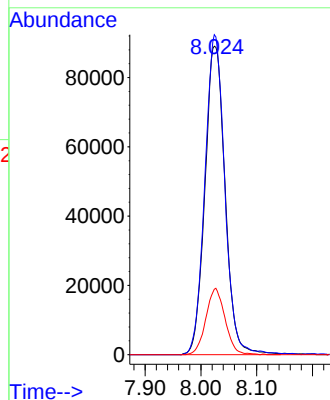
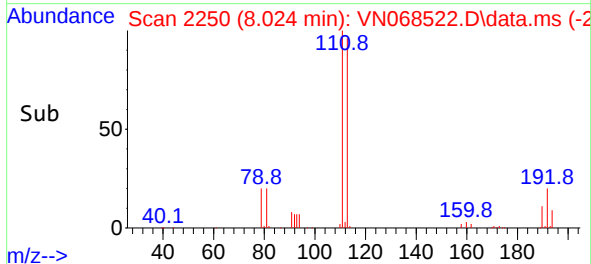




#35
Dibromofluoromethane
Concen: 51.766 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09



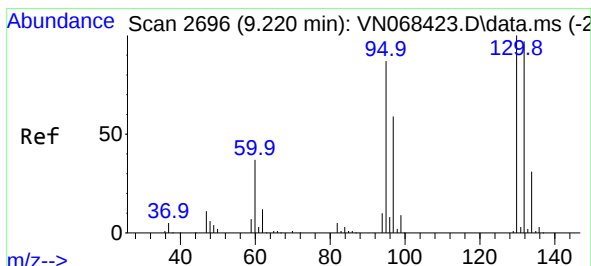
Tgt Ion:113 Resp: 224288
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 20.5 17.7 26.5



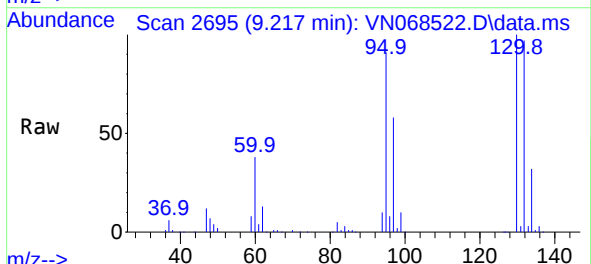
Instrument :
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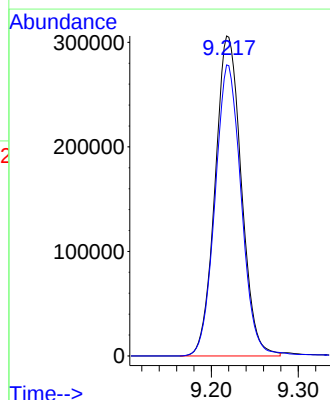
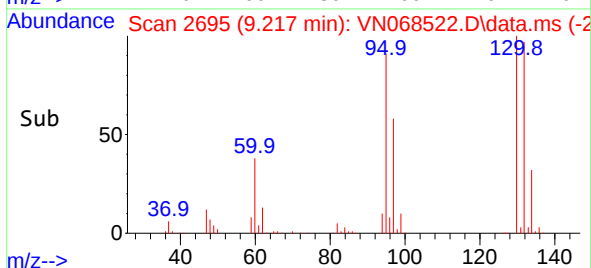
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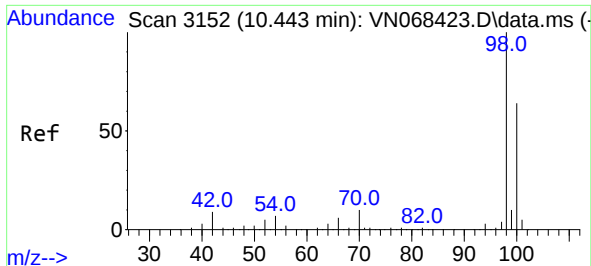


#44
Trichloroethene
Concen: 114.285 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09



Tgt Ion:130 Resp: 641494
Ion Ratio Lower Upper
130 100
95 91.0 0.0 173.8





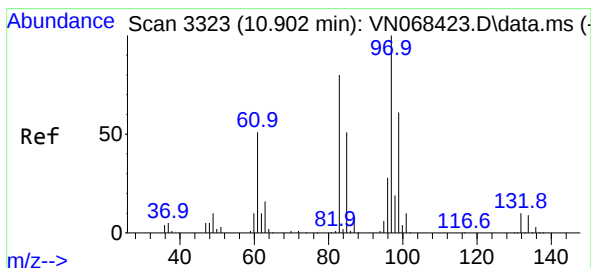
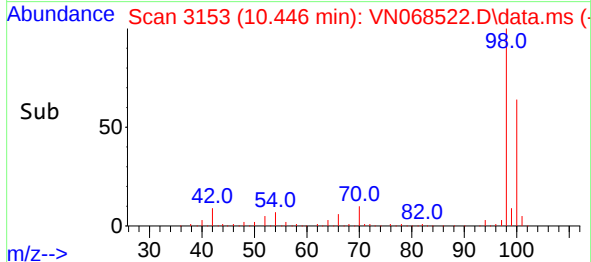
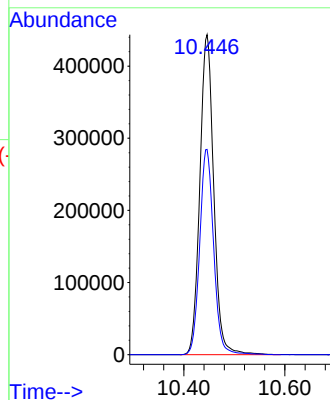
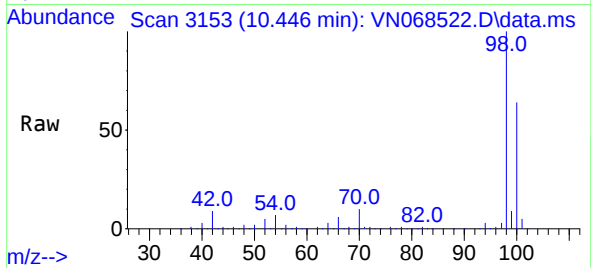
#50
Toluene-d8
Concen: 47.822 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

Tgt Ion: 98 Resp: 846836
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.6

Instrument :
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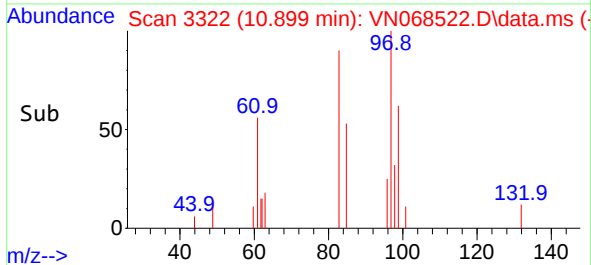
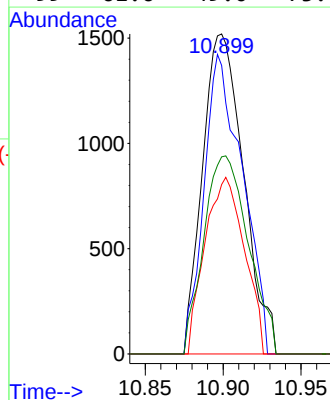
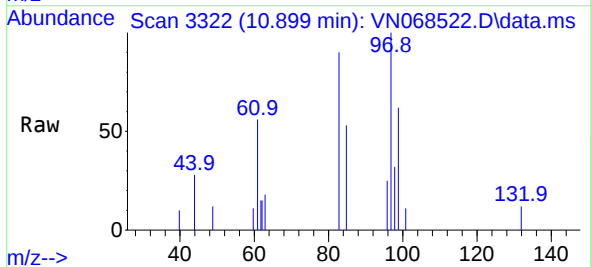
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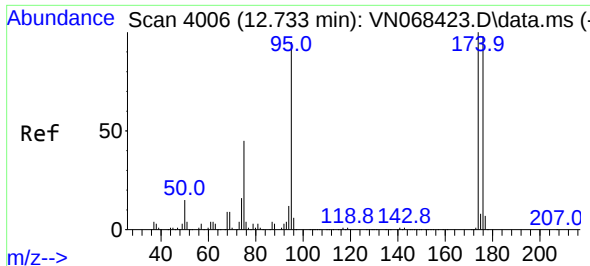
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#55
1,1,2-Trichloroethane
Concen: 0.598 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

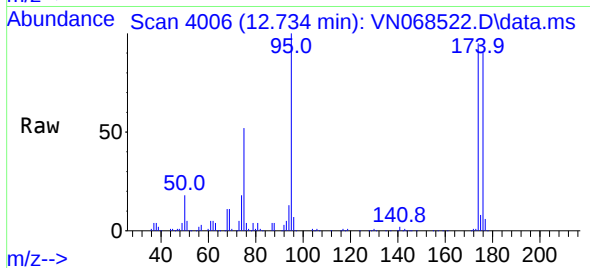
Tgt Ion: 97 Resp: 2790
Ion Ratio Lower Upper
97 100
83 90.1 63.7 95.5
85 53.0 40.7 61.1
99 61.6 49.0 73.6





#62
4-Bromofluorobenzene
Concen: 41.342 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09

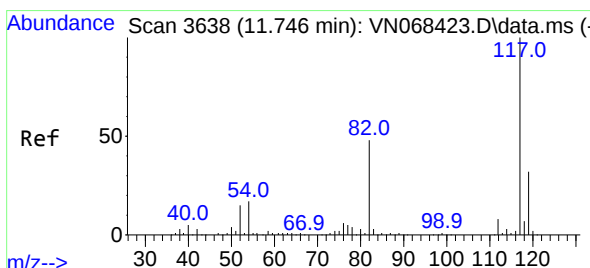
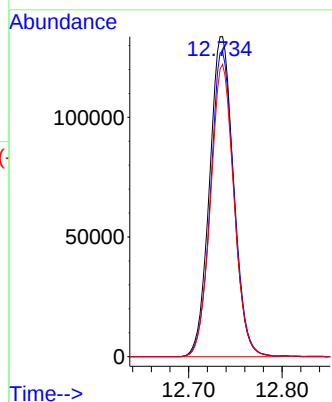
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MSVOA_N
ClientSampleId :
MW180D1-20210915



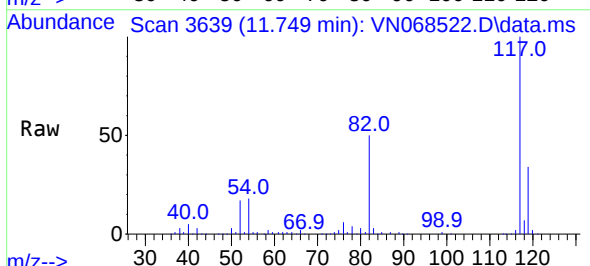
Tgt Ion: 95 Resp: 237567
Ion Ratio Lower Upper
95 100
174 94.1 0.0 214.0
176 89.5 0.0 205.4

Manual Integrations
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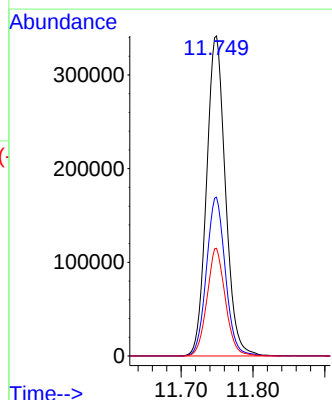
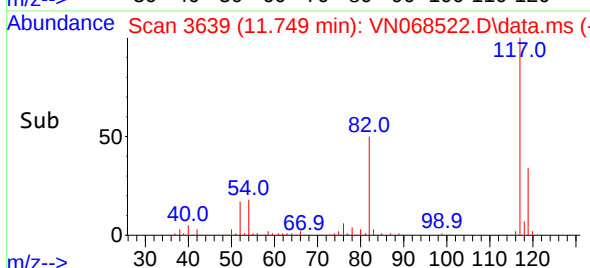
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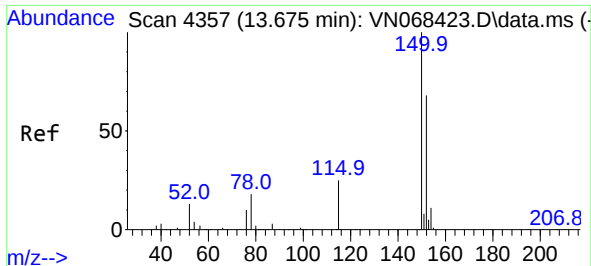


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068522.D
Acq: 17 Sep 2021 16:09



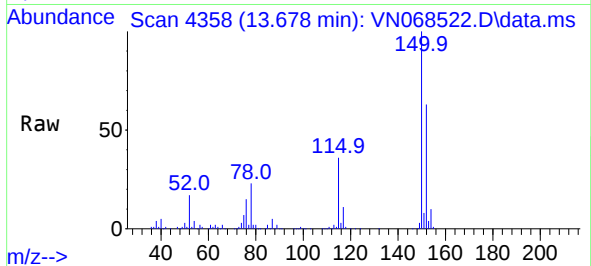
Tgt Ion: 117 Resp: 625336
Ion Ratio Lower Upper
117 100
82 49.6 38.7 58.1
119 33.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068522.D
 Acq: 17 Sep 2021 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D1-20210915



Tgt Ion:152 Resp: 230812
 Ion Ratio Lower Upper
 152 100
 115 56.0 25.6 76.6
 150 158.6 0.0 346.8

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 2:08:08 PM

