

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067861.D
 Acq On : 22 Jul 2021 14:38
 Operator : JC/MD
 Sample : M3120-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-RW6B-IDWGW-20210719

Manual Integrations
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Quant Time: Jul 24 07:13:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	54798	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	325833	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	287060	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	149812	33.840	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.800%#
60) 4-Bromofluorobenzene	12.736	95	120474	25.842	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.133%
63) Toluene-d8	10.443	98	409206	30.993	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.300%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.207	101	21826	7.605	ug/l	96
22) cis-1,2-Dichloroethene	7.329	96	3385m	0.865	ug/l	
25) Chloroform	7.820	83	8595	1.268	ug/l	98
33) Carbon Tetrachloride	8.204	117	12470	2.326	ug/l	91
37) Trichloroethene	9.217	130	579992	146.093	ug/l	100

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

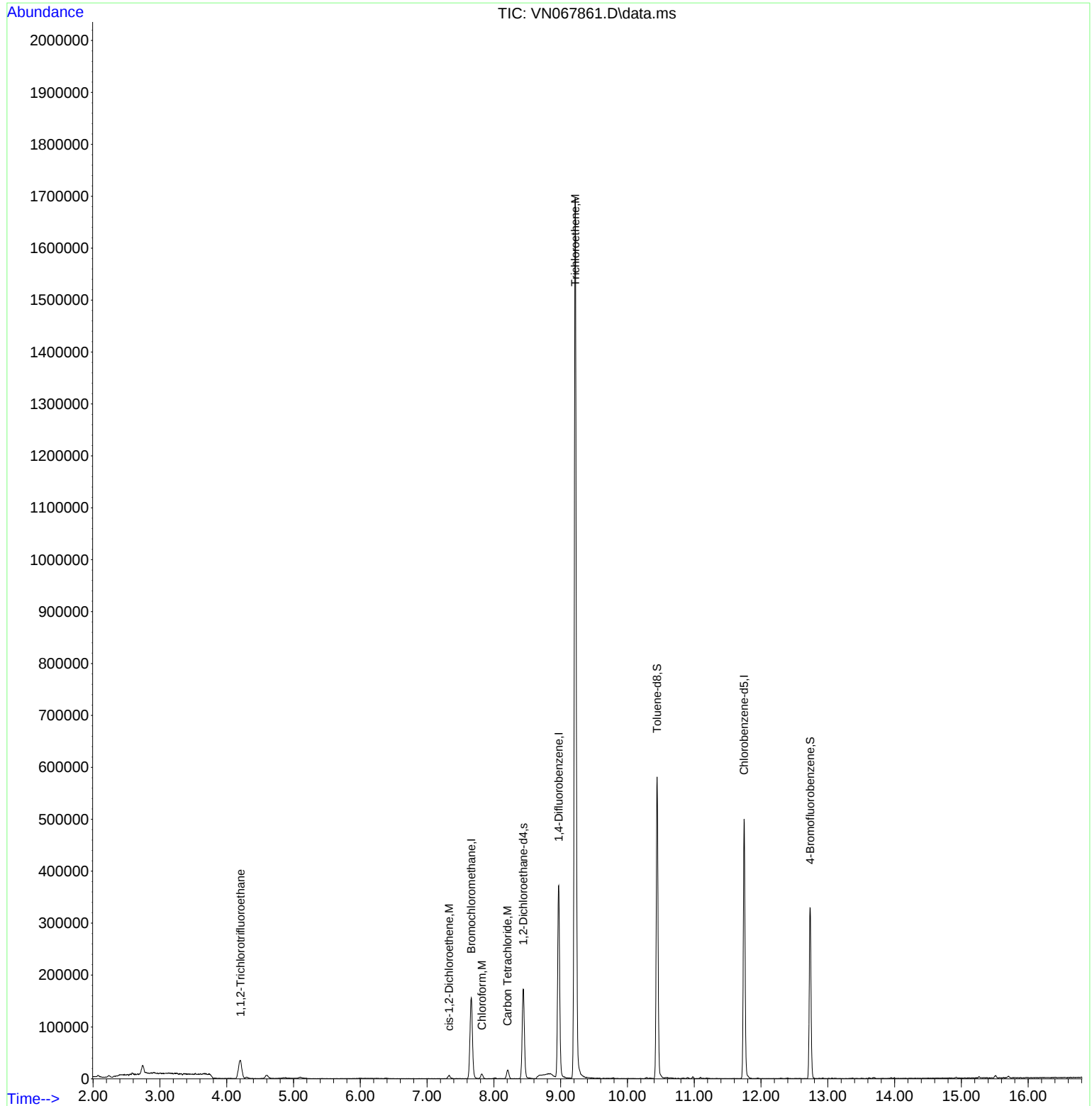
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
Data File : VN067861.D
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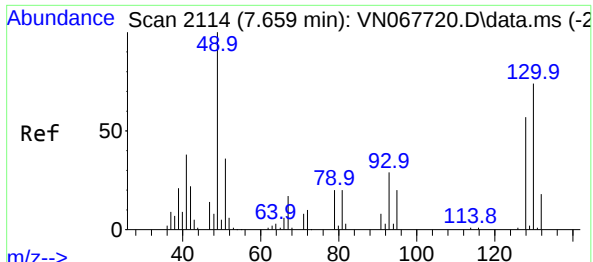
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
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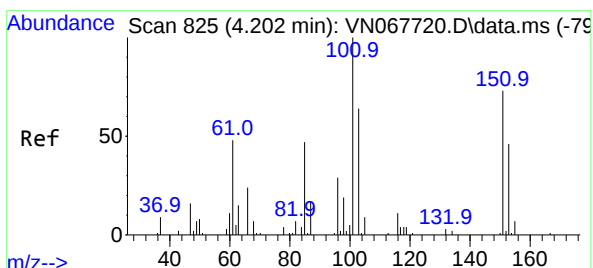
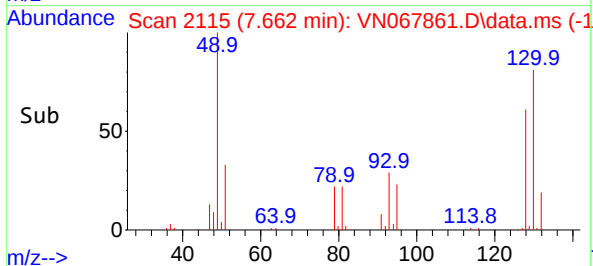
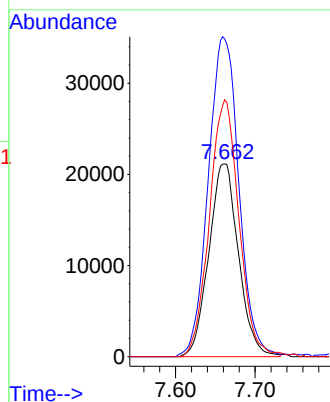
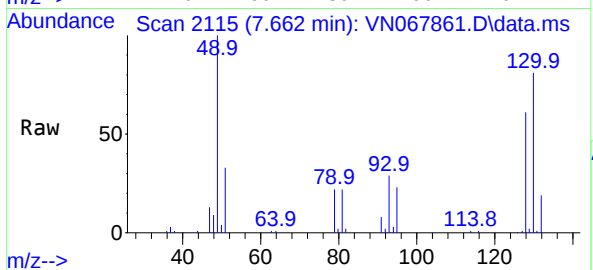
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion:128 Resp: 54798
Ion Ratio Lower Upper
128 100
49 171.0 0.0 433.0
130 132.2 0.0 323.8

Instrument :
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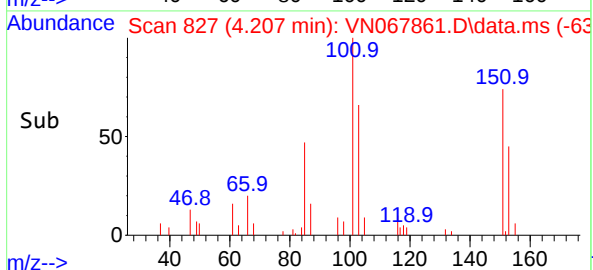
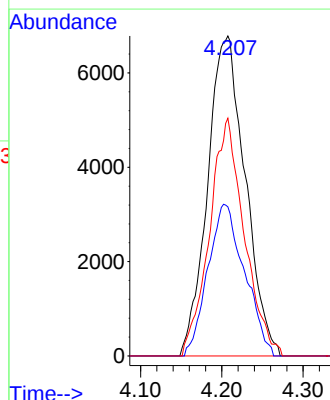
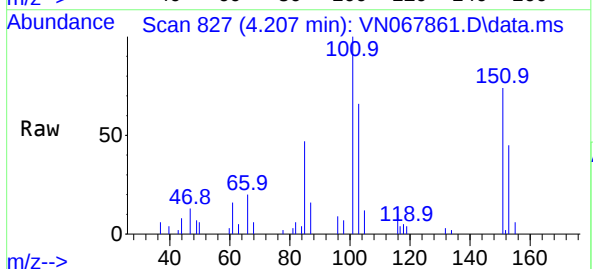
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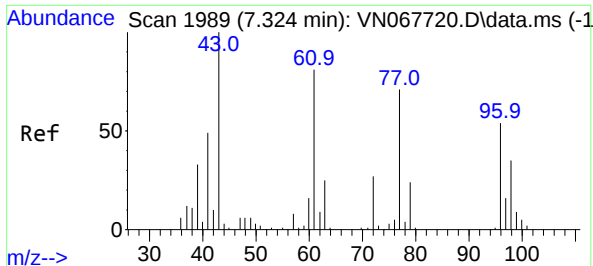
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.605 ug/l
RT: 4.207 min Scan# 827
Delta R.T. 0.005 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion:101 Resp: 21826
Ion Ratio Lower Upper
101 100
85 46.2 0.0 98.0
151 68.2 0.0 143.8





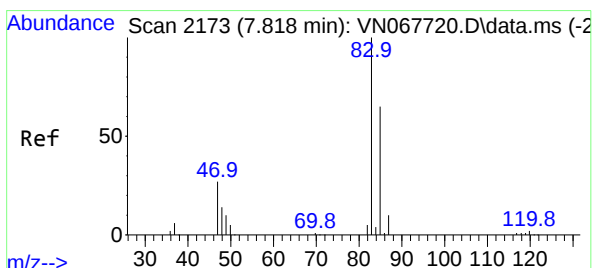
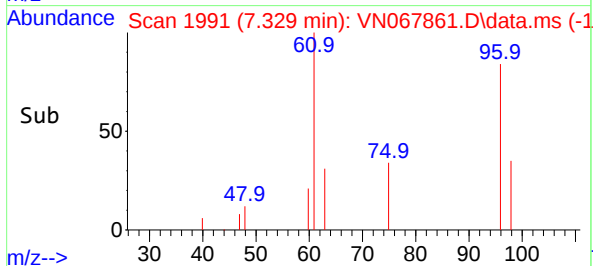
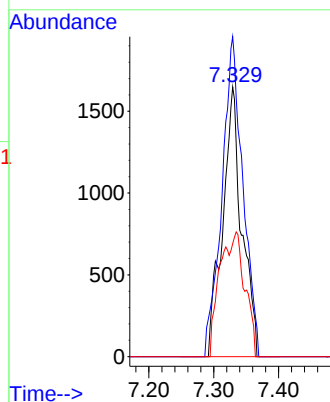
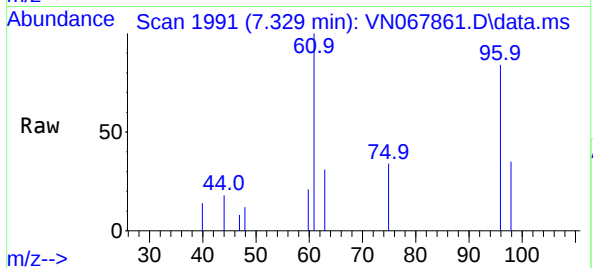
#22
cis-1,2-Dichloroethene
Concen: 0.865 ug/l m
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion: 96 Resp: 3385
Ion Ratio Lower Upper
96 100
61 129.6 121.2 181.8
98 26.5 51.8 77.8#

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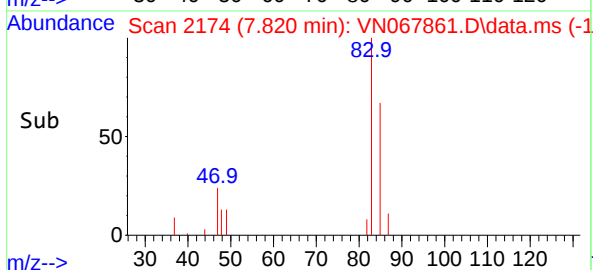
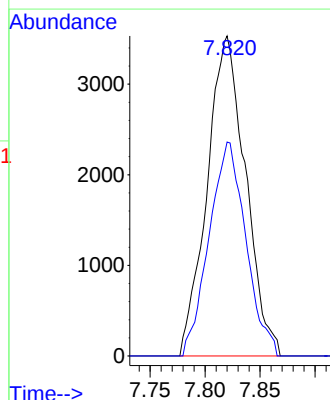
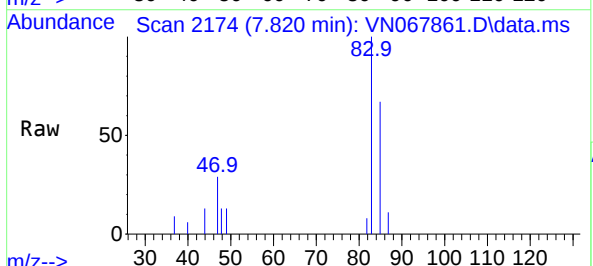
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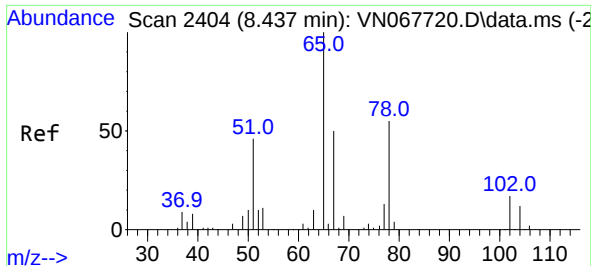
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#25
Chloroform
Concen: 1.268 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.002 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion: 83 Resp: 8595
Ion Ratio Lower Upper
83 100
85 66.9 52.3 78.5





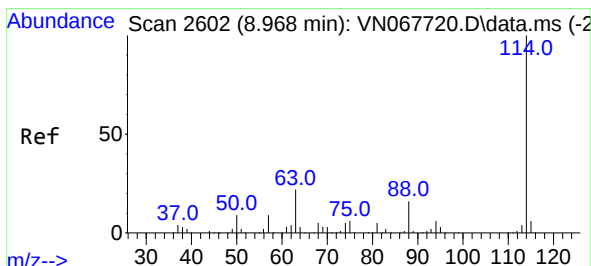
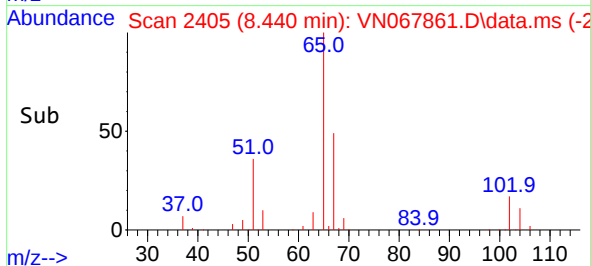
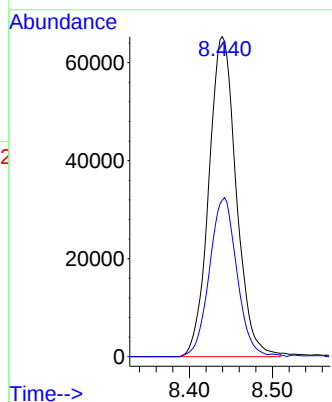
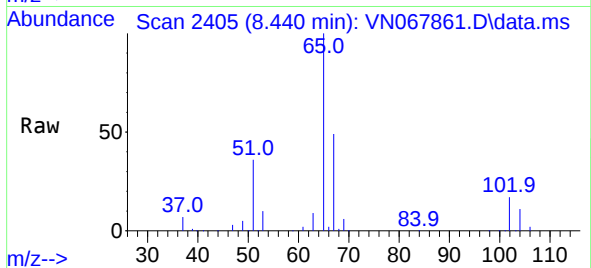
#27
1,2-Dichloroethane-d4
Concen: 33.840 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.002 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion: 65 Resp: 149812
Ion Ratio Lower Upper
65 100
67 49.4 40.6 60.8

Instrument :
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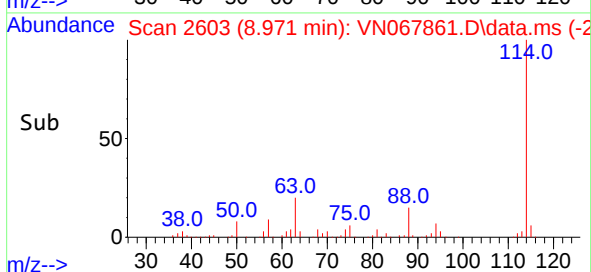
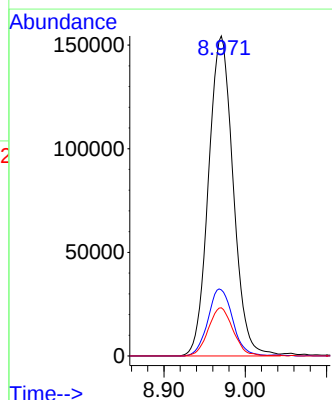
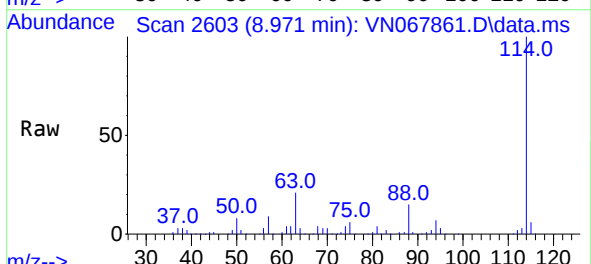
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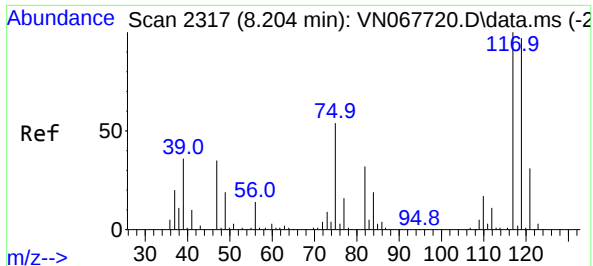
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.002 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

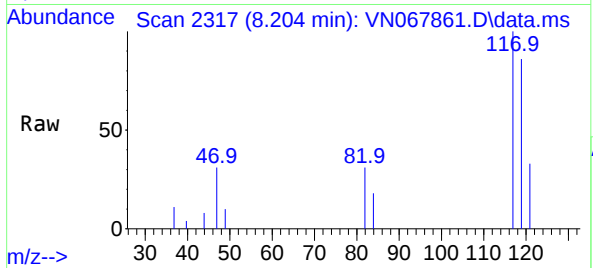
Tgt Ion: 114 Resp: 325833
Ion Ratio Lower Upper
114 100
63 21.0 17.2 25.8
88 15.1 12.4 18.6





#33
Carbon Tetrachloride
Concen: 2.326 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.000 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

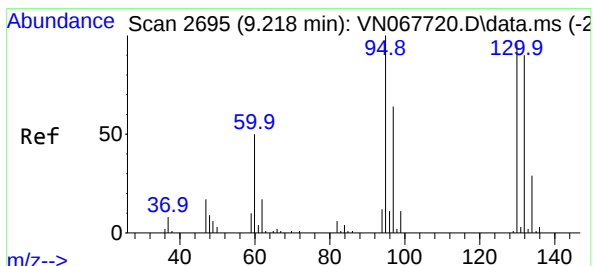
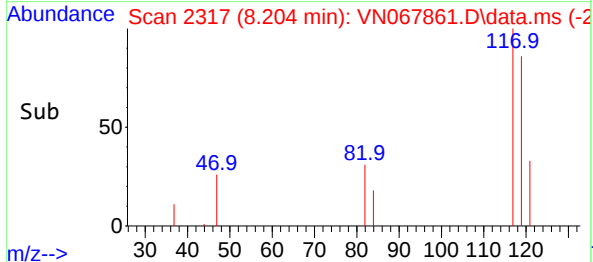
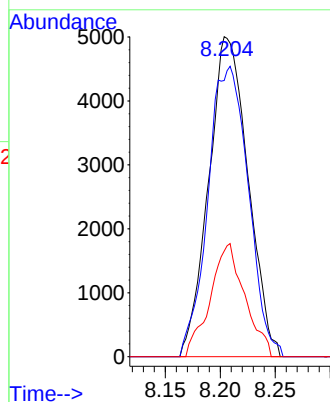
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Tgt Ion:117 Resp: 12470
Ion Ratio Lower Upper
117 100
119 86.3 77.6 116.4
121 33.0 24.6 36.8

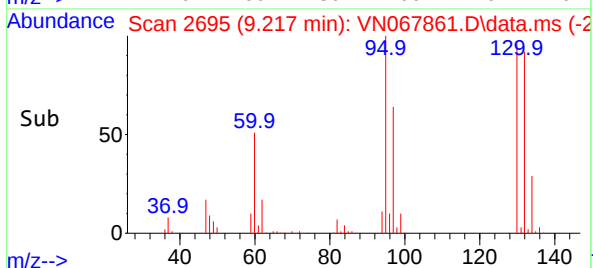
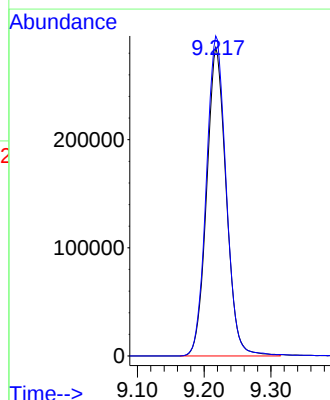
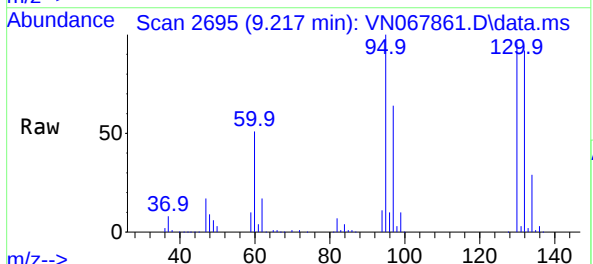
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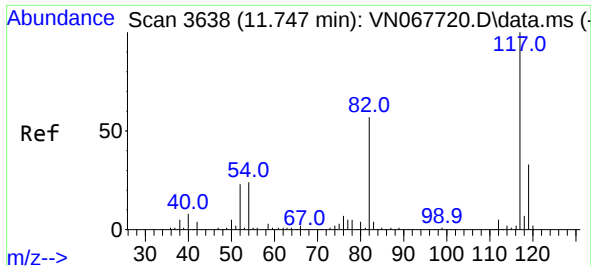
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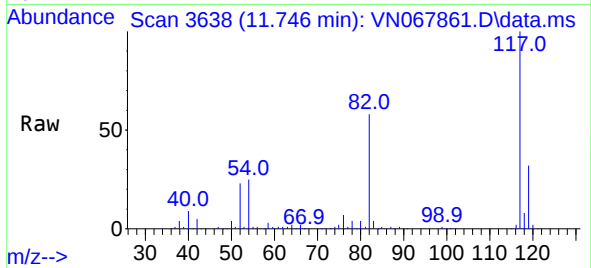
#37
Trichloroethene
Concen: 146.093 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion:130 Resp: 579992
Ion Ratio Lower Upper
130 100
95 103.9 83.2 124.8

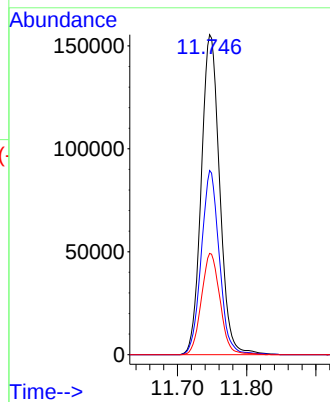
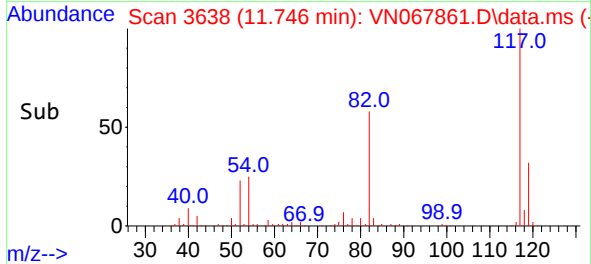




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38



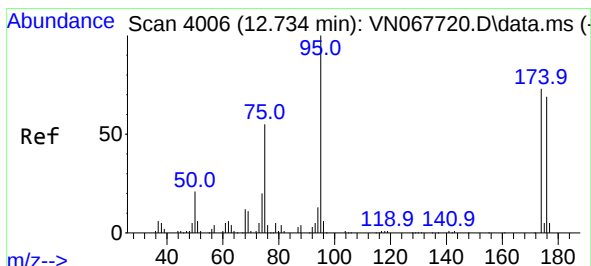
Tgt Ion:117 Resp: 287060
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.0 25.7 38.5



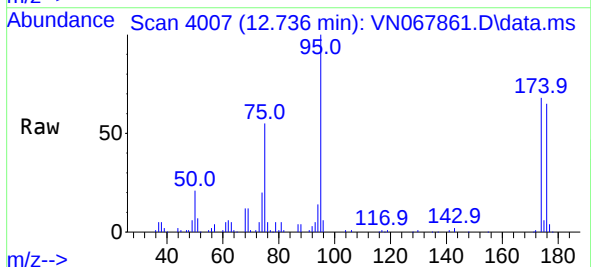
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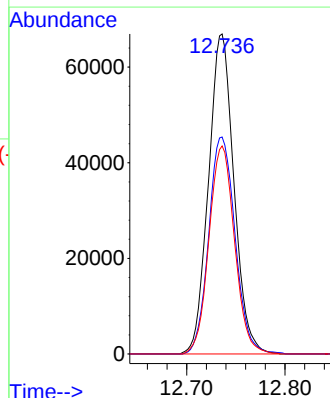
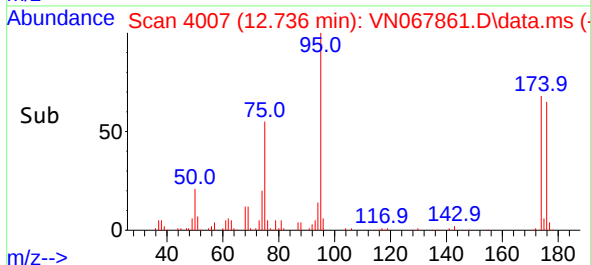
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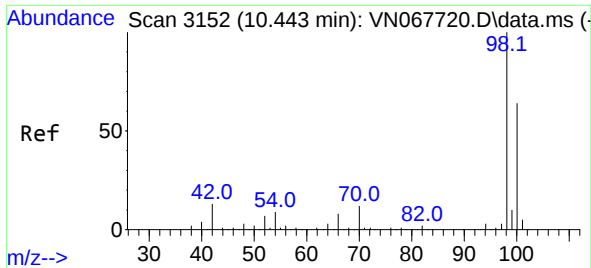


#60
4-Bromofluorobenzene
Concen: 25.842 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38



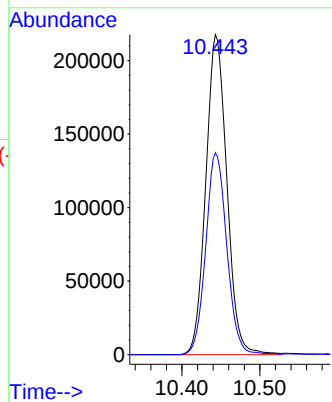
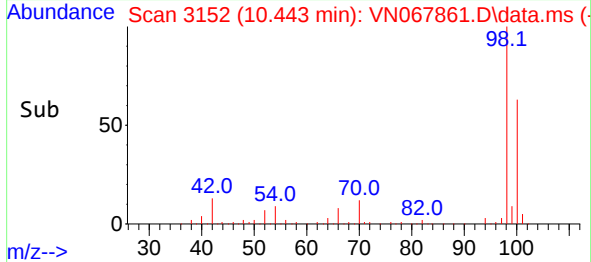
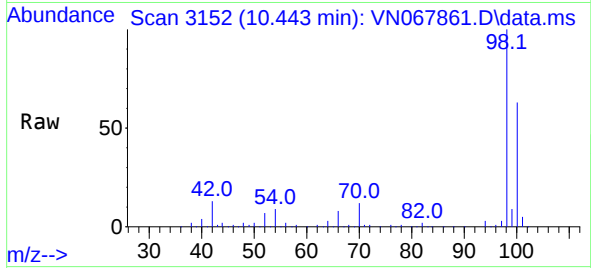
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Ion Ratio Lower Upper
95 100
174 70.2 57.1 85.7
176 65.4 54.6 81.8





#63
Toluene-d8
Concen: 30.993 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067861.D
Acq: 22 Jul 2021 14:38

Tgt Ion: 98 Resp: 409206
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4



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