

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068191.D
 Acq On : 18 Aug 2021 14:21
 Operator : JC/MD
 Sample : M3446-02DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW6B-GW-20210816DL

Manual Integrations
 APPROVED

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 8/19/2021 6:17:29 PM

Quant Time: Aug 19 03:06:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	416421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	679166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	693029	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	262272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232985	52.400	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.800%	
35) Dibromofluoromethane	8.024	113	214540	50.314	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.620%	
50) Toluene-d8	10.446	98	825918	50.834	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.736	95	266963	49.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.191	101	6556m	1.867	ug/l	
30) Chloroform	7.815	83	2808	0.374	ug/l	100
38) Carbon Tetrachloride	8.201	117	4912	0.767	ug/l	# 78
44) Trichloroethene	9.217	130	247803	48.629	ug/l	80

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

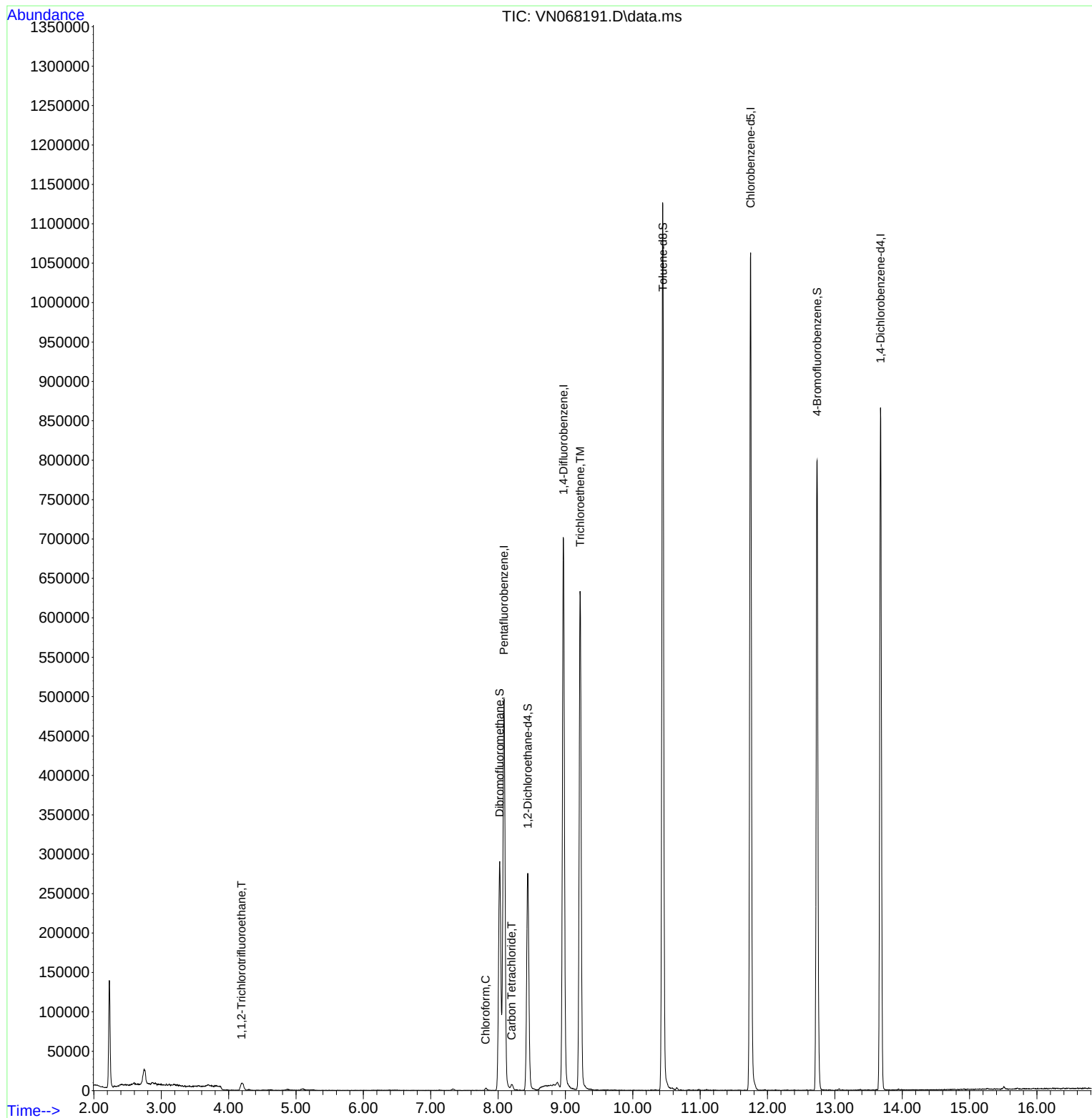
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
Data File : VN068191.D
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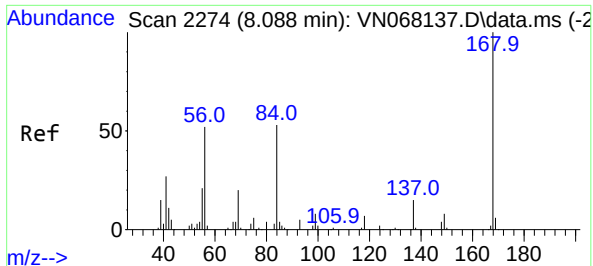
Instrument :
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RW6B-GW-20210816DL

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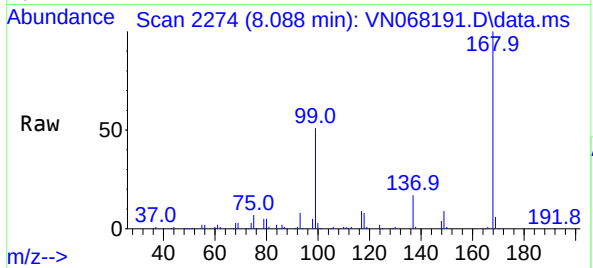
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Quant Time: Aug 19 03:06:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
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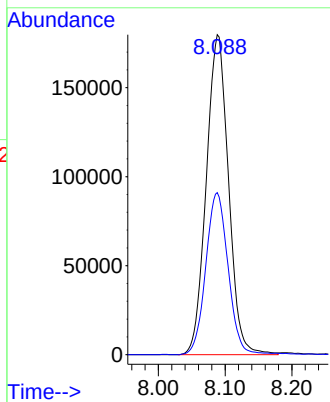
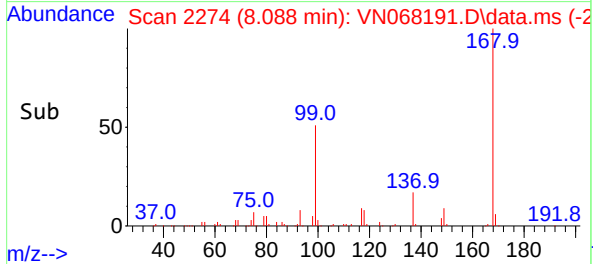




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



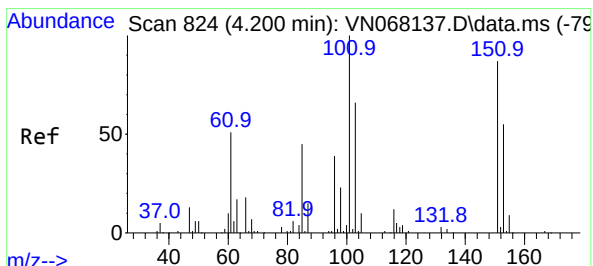
Tgt Ion:168 Resp: 416421
Ion Ratio Lower Upper
168 100
99 50.6 62.9 94.3#



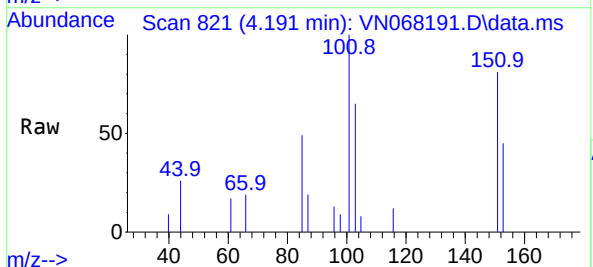
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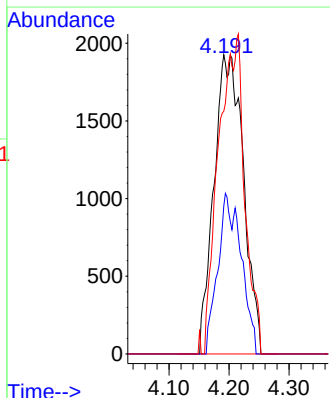
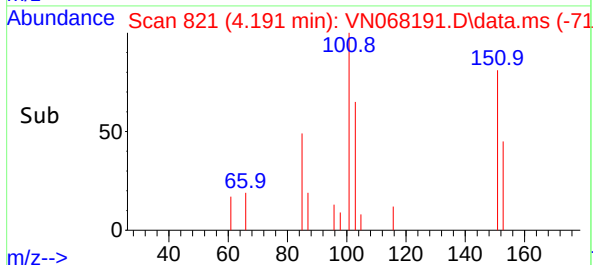
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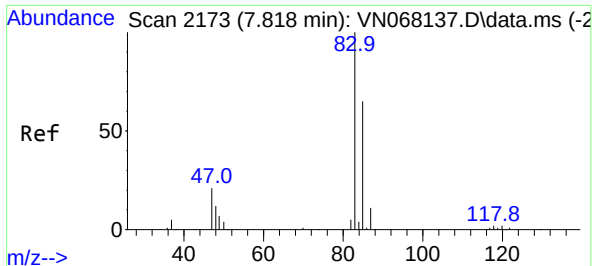


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.867 ug/l m
RT: 4.191 min Scan# 821
Delta R.T. -0.009 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



Tgt Ion:101 Resp: 6556
Ion Ratio Lower Upper
101 100
85 24.7 39.6 59.4#
151 56.1 54.1 81.1





#30

Chloroform

Concen: 0.374 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN068191.D

Acq: 18 Aug 2021 14:21

Tgt Ion: 83 Resp: 2808

Ion Ratio Lower Upper

83 100

85 64.1 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

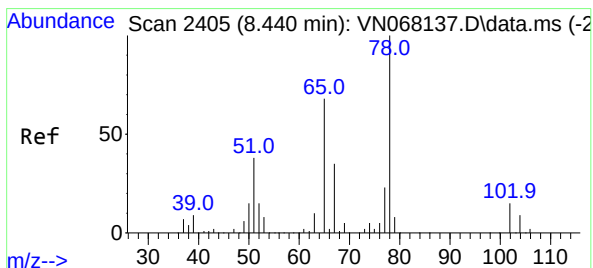
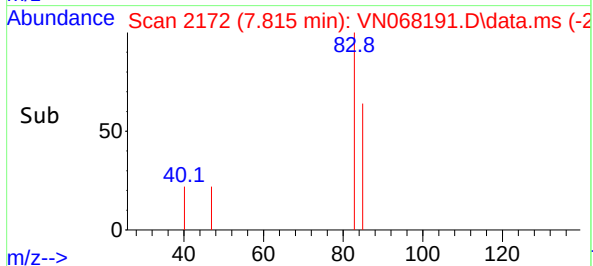
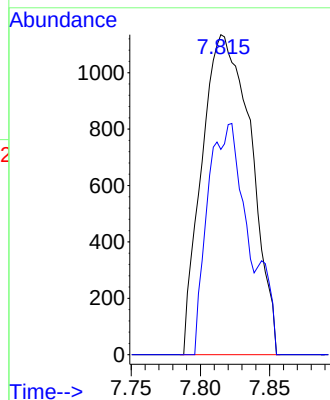
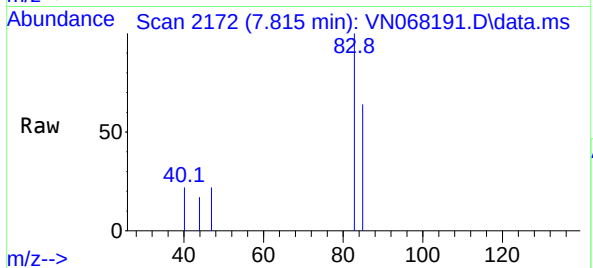
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#33

1,2-Dichloroethane-d4

Concen: 52.400 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN068191.D

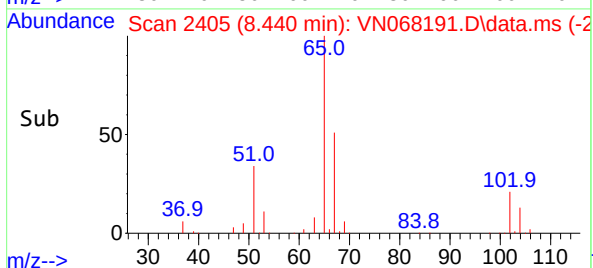
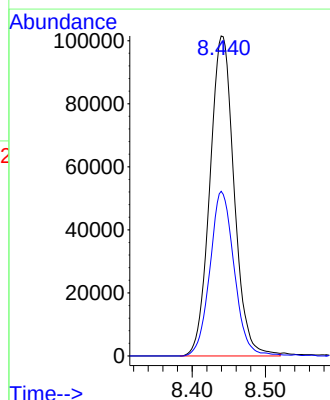
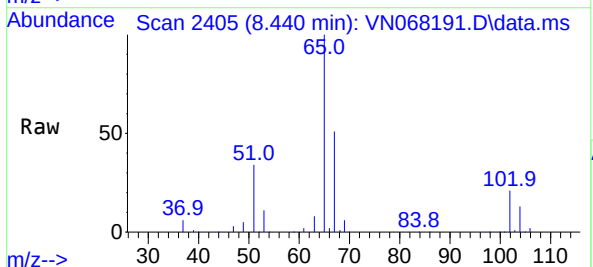
Acq: 18 Aug 2021 14:21

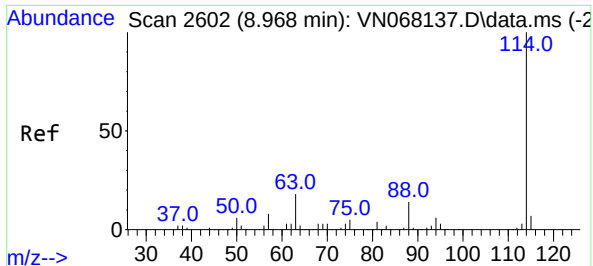
Tgt Ion: 65 Resp: 232985

Ion Ratio Lower Upper

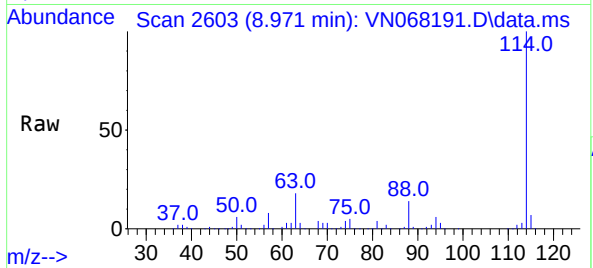
65 100

67 51.6 0.0 98.6

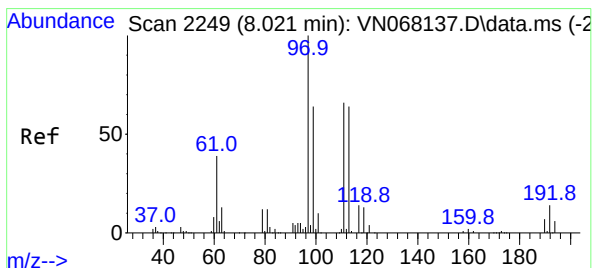
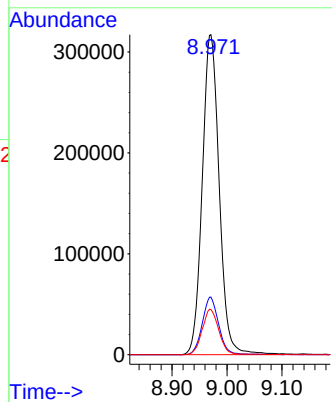
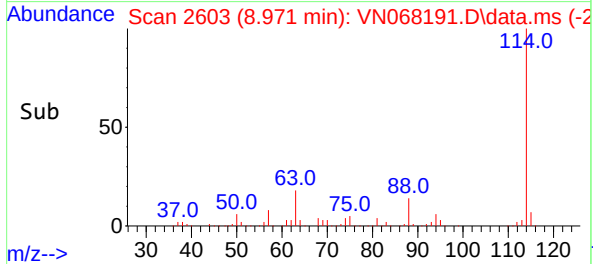




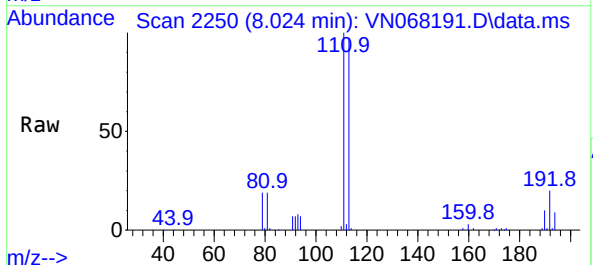
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



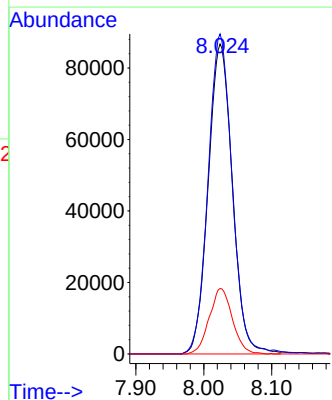
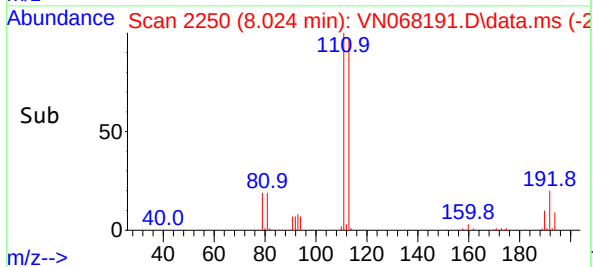
Tgt Ion:114 Resp: 679166
Ion Ratio Lower Upper
114 100
63 18.0 0.0 49.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



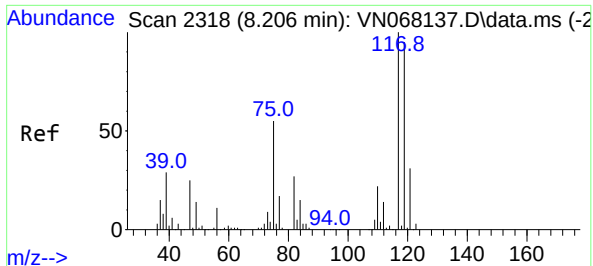
Tgt Ion:113 Resp: 214540
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.2 13.4 20.0#



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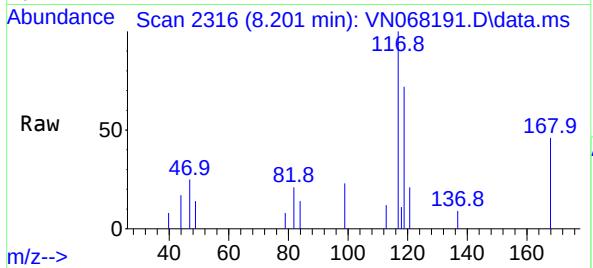
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#38
Carbon Tetrachloride
Concen: 0.767 ug/l
RT: 8.201 min Scan# 2316
Delta R.T. -0.005 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21

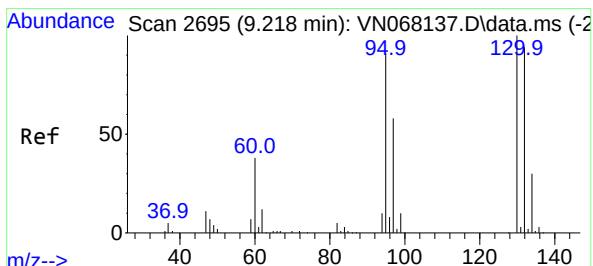
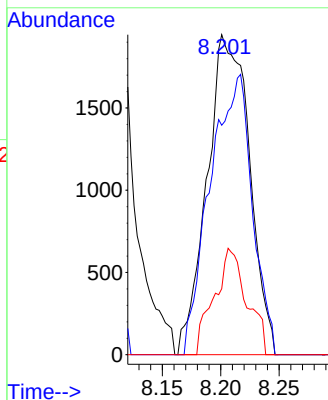
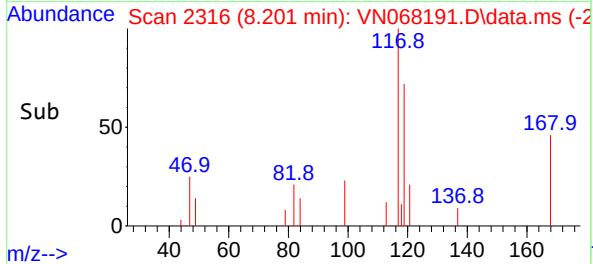
Instrument :
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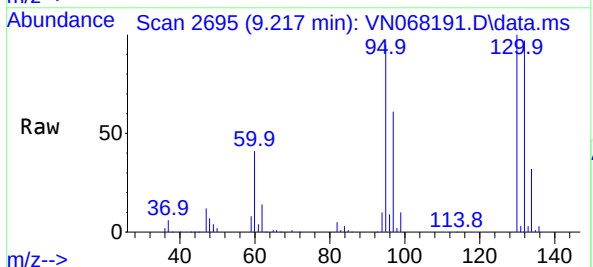
Tgt Ion:117 Resp: 4912
Ion Ratio Lower Upper
117 100
119 71.7 75.4 113.2#
121 20.6 23.5 35.3#

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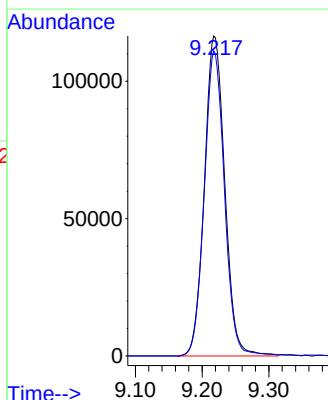
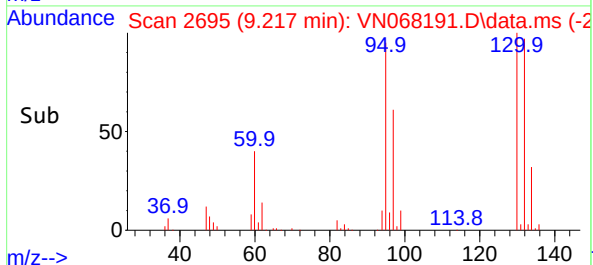
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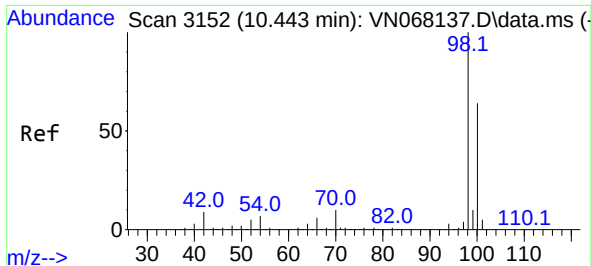


#44
Trichloroethene
Concen: 48.629 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



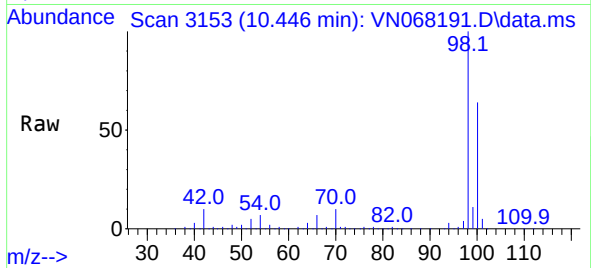
Tgt Ion:130 Resp: 247803
Ion Ratio Lower Upper
130 100
95 95.4 0.0 234.4





#50
Toluene-d8
Concen: 50.834 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21

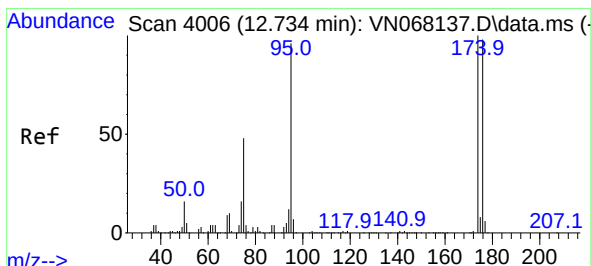
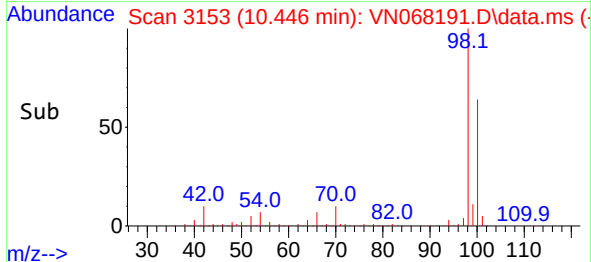
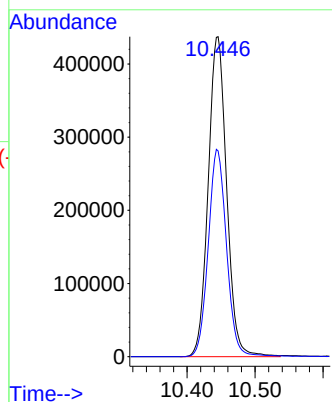
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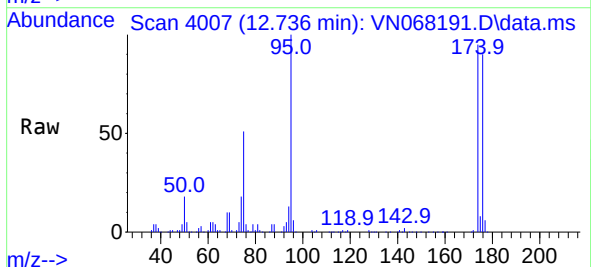
Tgt Ion: 98 Resp: 825918
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

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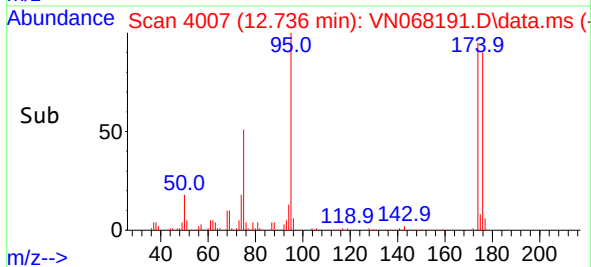
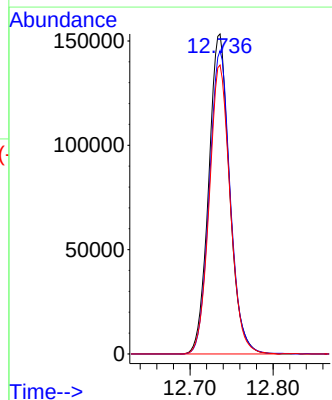
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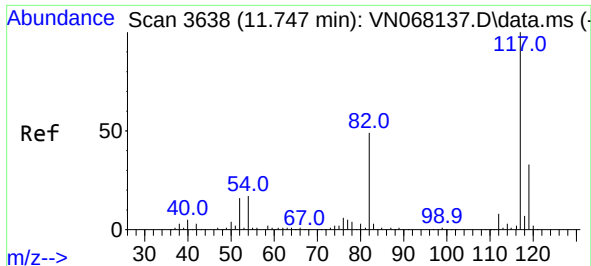


#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21



Tgt Ion: 95 Resp: 266963
Ion Ratio Lower Upper
95 100
174 95.3 0.0 122.0
176 90.5 0.0 117.6





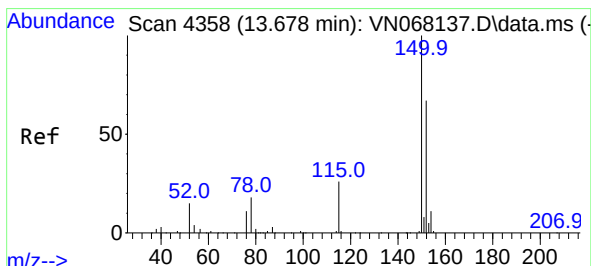
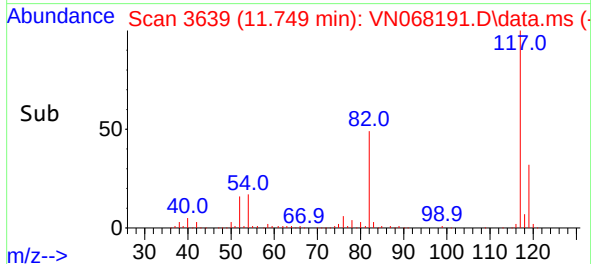
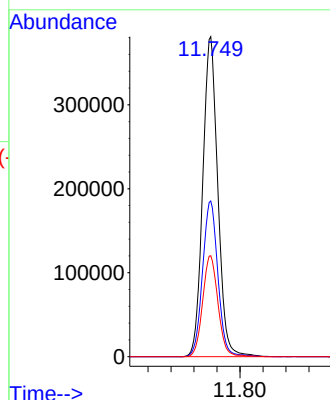
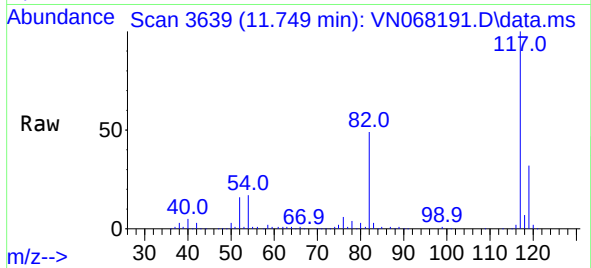
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21

Tgt Ion:117 Resp: 693029
Ion Ratio Lower Upper
117 100
82 48.7 53.1 79.7#
119 31.5 25.5 38.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068191.D
Acq: 18 Aug 2021 14:21

Tgt Ion:152 Resp: 262272
Ion Ratio Lower Upper
152 100
115 55.6 36.1 108.5
150 159.1 0.0 351.8

