

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067487.D
 Acq On : 24 Jun 2021 16:55
 Operator : JC/MD
 Sample : M2804-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20210621

Manual Integrations
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 6/25/2021 6:22:57 PM

Quant Time: Jun 25 02:15:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	247551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	526038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	468945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	157793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	248349	49.019	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.040%		
35) Dibromofluoromethane	8.024	113	162114	50.023	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.040%		
50) Toluene-d8	10.443	98	707140	51.159	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.320%		
62) 4-Bromofluorobenzene	12.734	95	235389	47.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.600%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.181	96	1931m	0.570	ug/l	
16) Acetone	4.304	43	5775m	2.978	ug/l	
27) cis-1,2-Dichloroethene	7.324	96	5730m	1.331	ug/l	
30) Chloroform	7.820	83	5347	0.703	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	2495m	0.392	ug/l	
44) Trichloroethene	9.220	130	7480	2.175	ug/l	91
64) Tetrachloroethene	10.980	164	4520	1.482	ug/l	95
95) Naphthalene	15.507	128	6543	4.030	ug/l	97

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

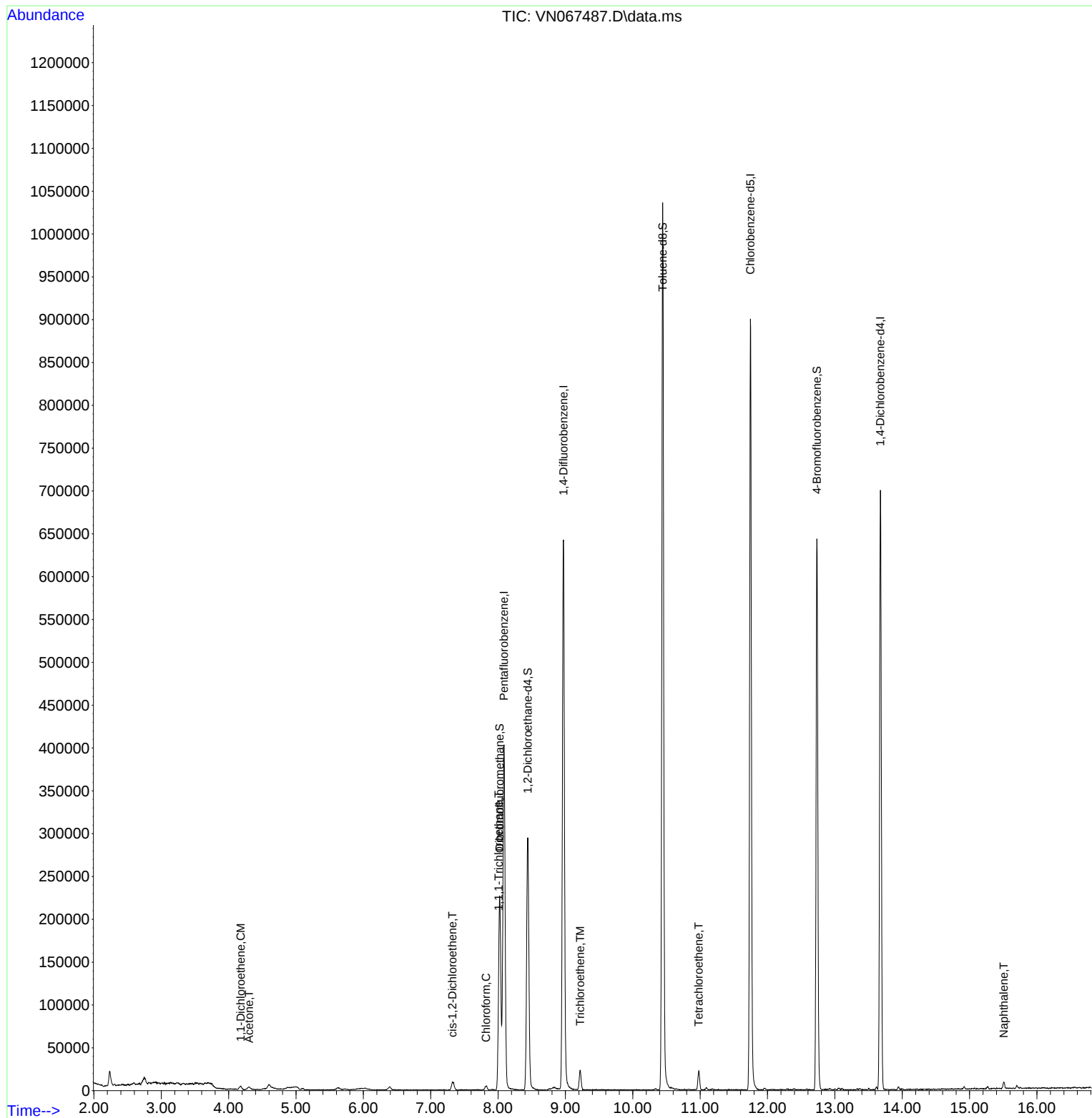
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Data File : VN067487.D
Acq On : 24 Jun 2021 16:55
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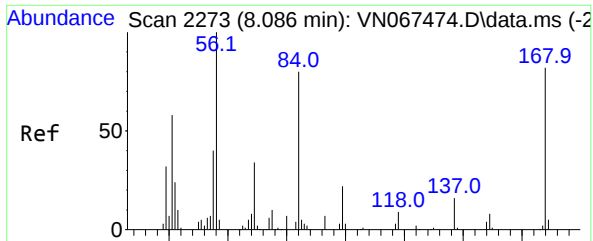
Instrument :
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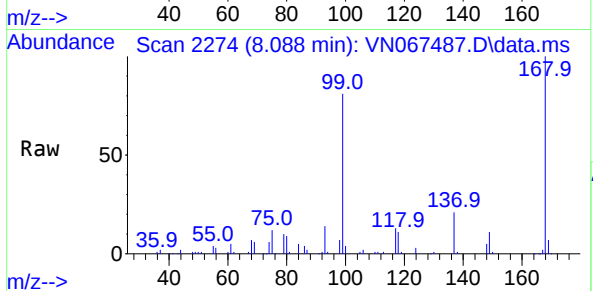
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

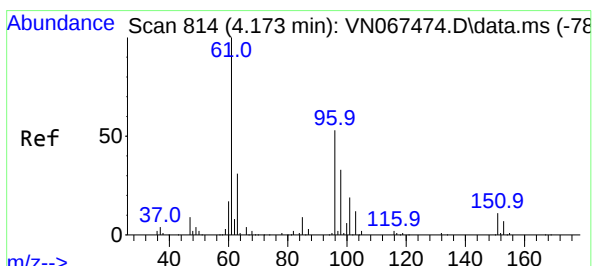
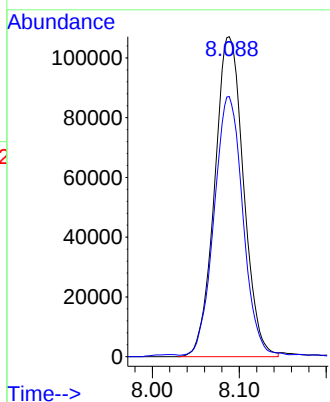
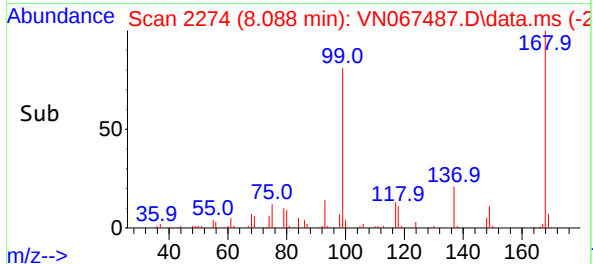
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20210621



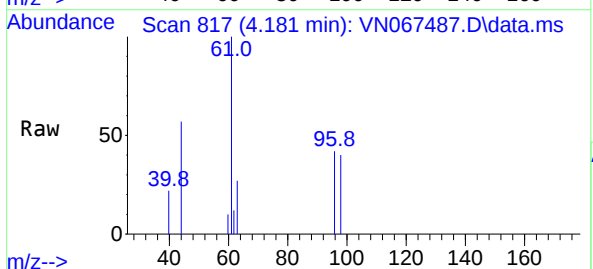
Tgt Ion:168 Resp: 247551
Ion Ratio Lower Upper
168 100
99 80.8 62.9 94.3

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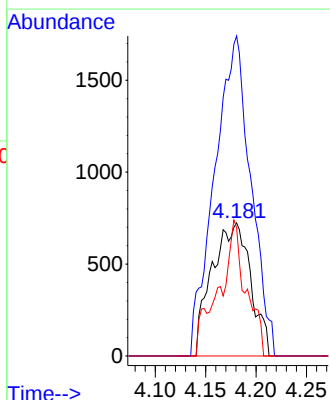
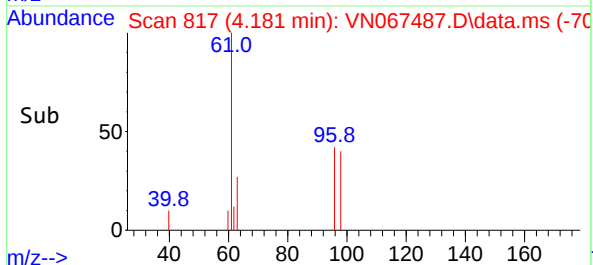
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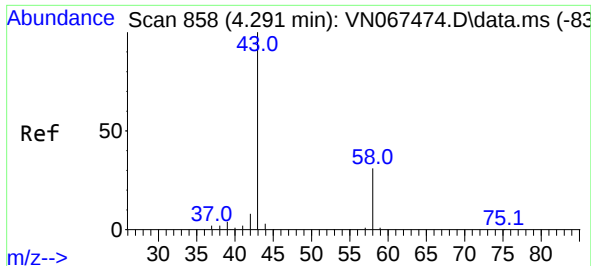


#12
1,1-Dichloroethene
Concen: 0.570 ug/l m
RT: 4.181 min Scan# 817
Delta R.T. 0.008 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55



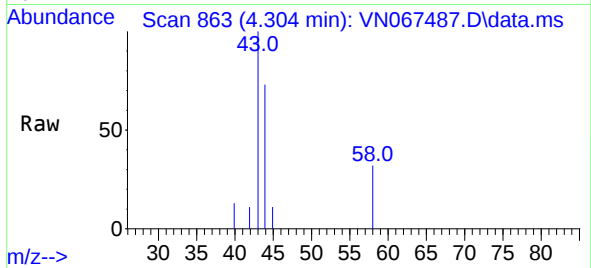
Tgt Ion: 96 Resp: 1931
Ion Ratio Lower Upper
96 100
61 240.5 152.6 229.0#
98 96.4 50.9 76.3#





#16
Acetone
Concen: 2.978 ug/l m
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

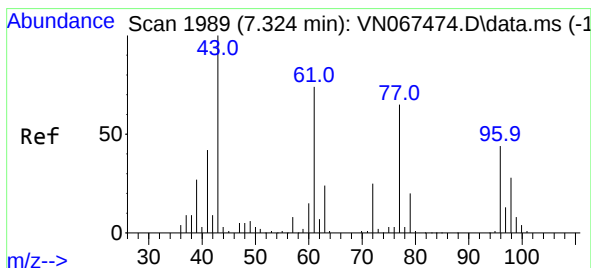
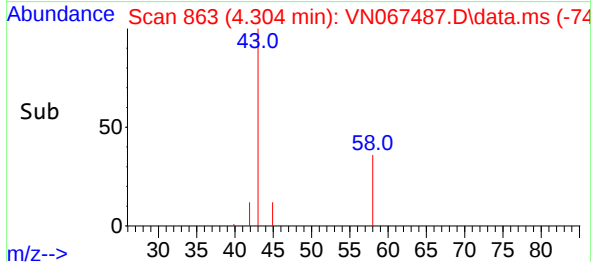
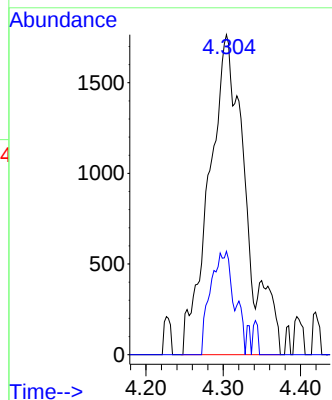
Instrument :
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Tgt Ion: 43 Resp: 5775
Ion Ratio Lower Upper
43 100
58 32.3 21.2 31.8#

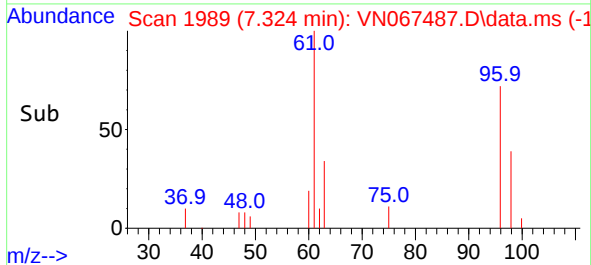
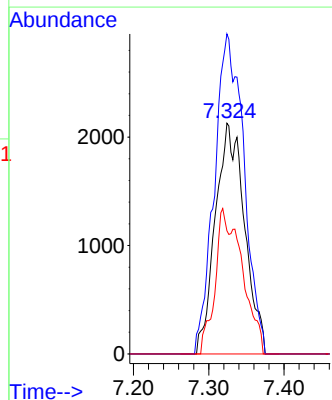
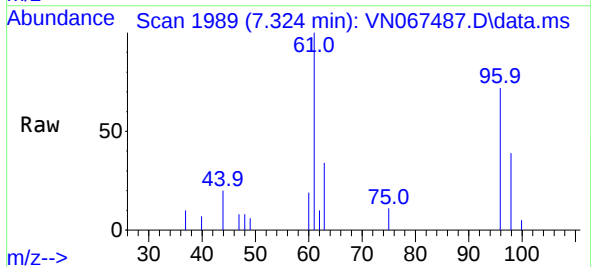
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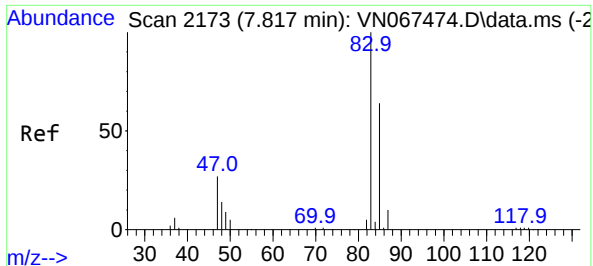
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#27
cis-1,2-Dichloroethene
Concen: 1.331 ug/l m
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

Tgt Ion: 96 Resp: 5730
Ion Ratio Lower Upper
96 100
61 140.6 0.0 338.8
98 28.7 0.0 129.8





#30

Chloroform

Concen: 0.703 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN067487.D

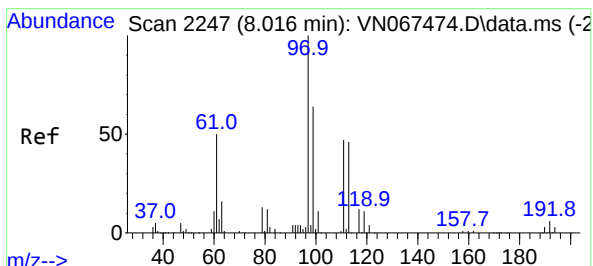
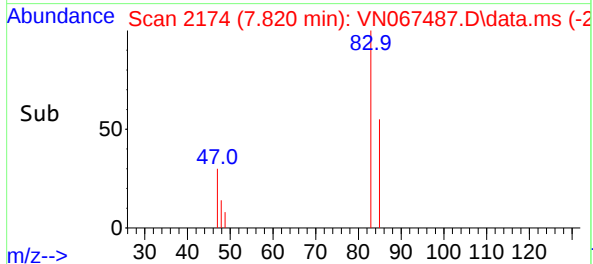
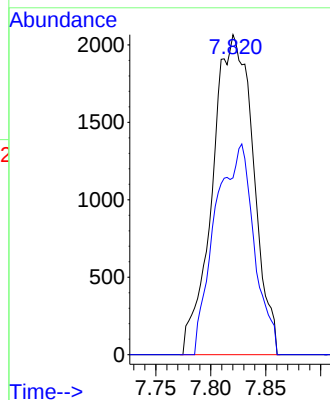
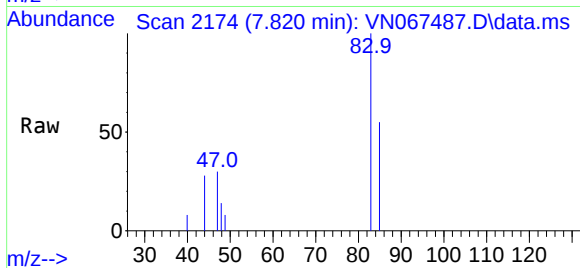
Acq: 24 Jun 2021 16:55

Tgt Ion: 83 Resp: 5347

Ion Ratio Lower Upper

83 100

85 55.3 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 0.392 ug/l m

RT: 8.011 min Scan# 2245

Delta R.T. -0.005 min

Lab File: VN067487.D

Acq: 24 Jun 2021 16:55

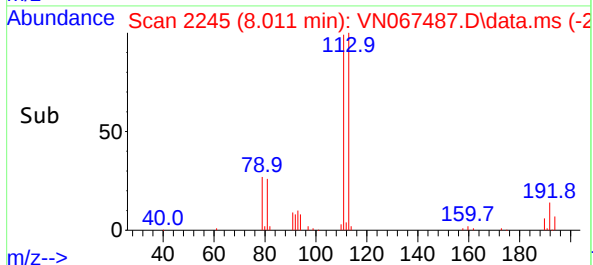
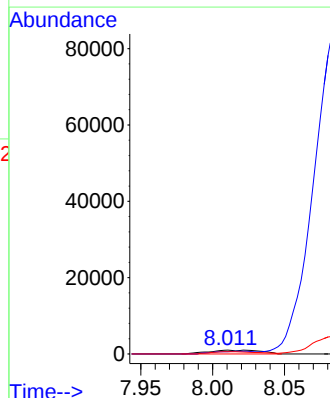
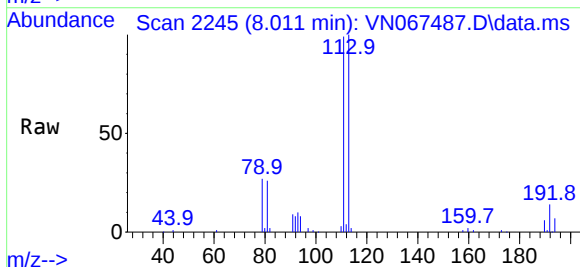
Tgt Ion: 97 Resp: 2495

Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.2#

61 54.4 38.2 57.2



Instrument :

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ClientSampleId :

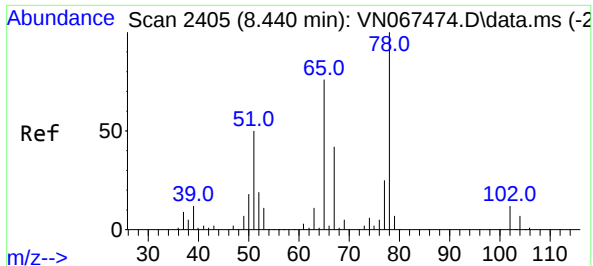
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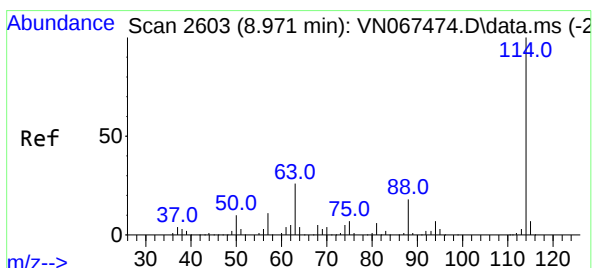
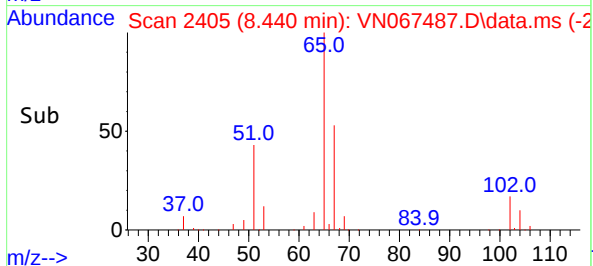
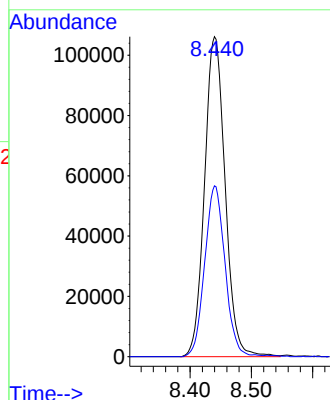
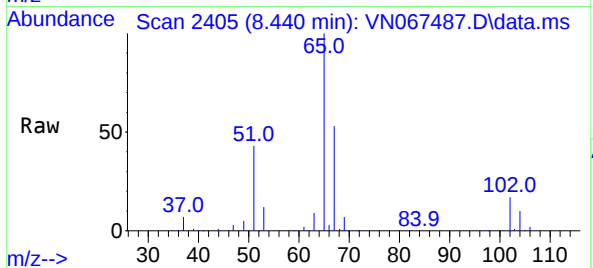
#33
1,2-Dichloroethane-d4
Concen: 49.019 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

Tgt Ion: 65 Resp: 248349
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
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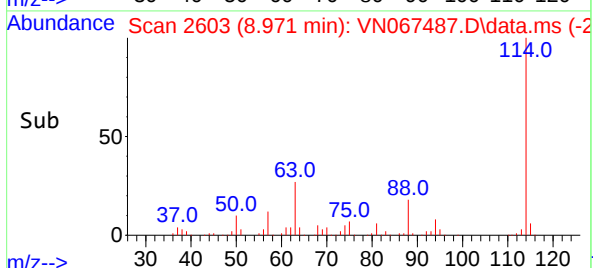
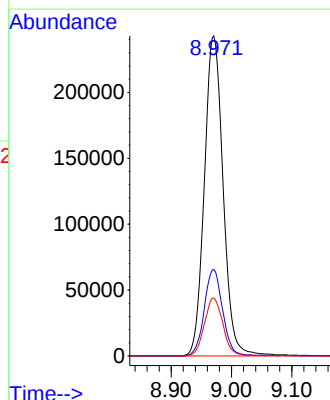
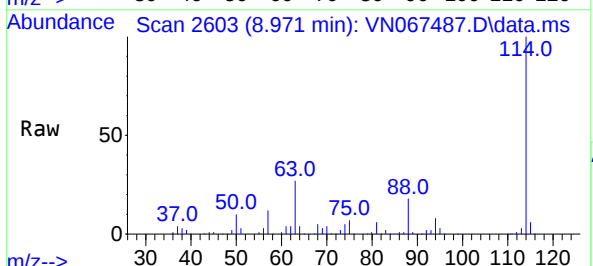
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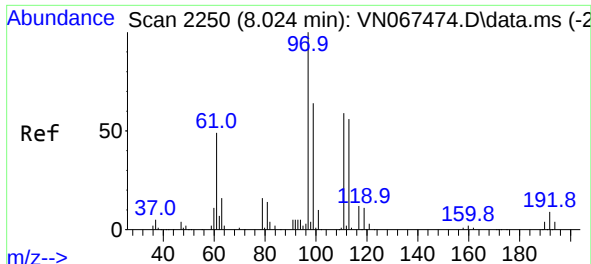
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

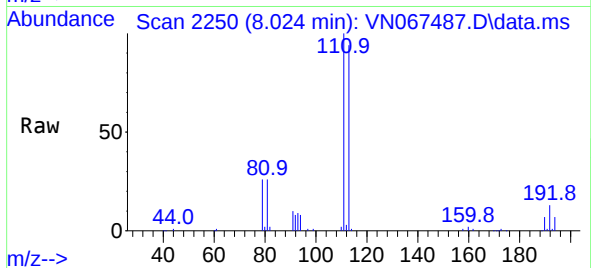
Tgt Ion: 114 Resp: 526038
Ion Ratio Lower Upper
114 100
63 27.1 0.0 49.0
88 18.1 0.0 36.6



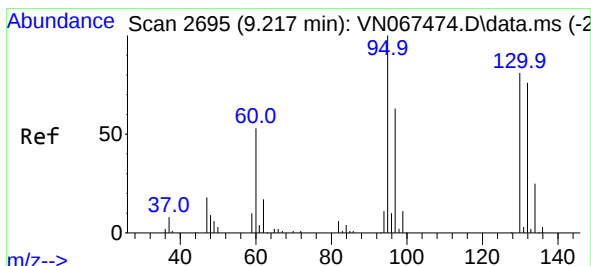
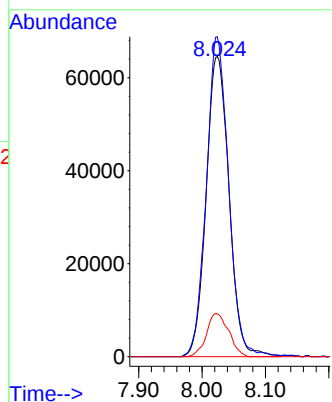
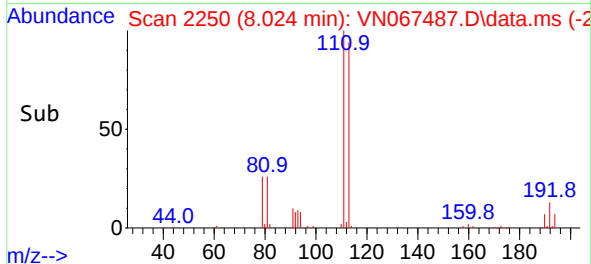


#35

Dibromofluoromethane
Concen: 50.023 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

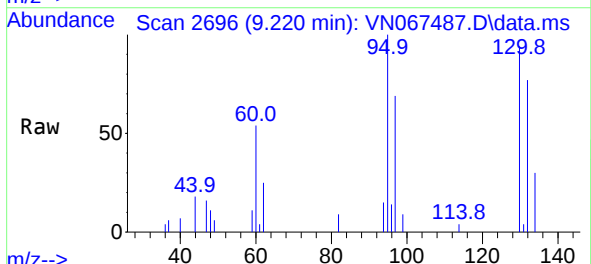


Tgt Ion:113 Resp: 162114
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 14.0 13.4 20.0

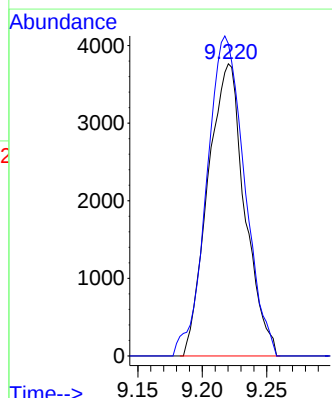
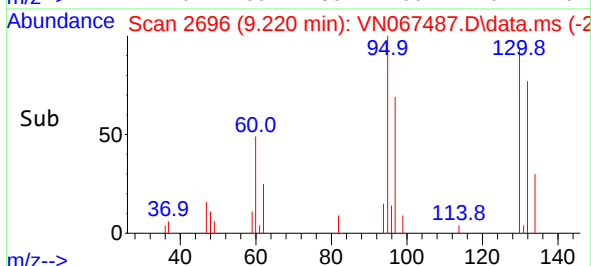


#44

Trichloroethene
Concen: 2.175 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55



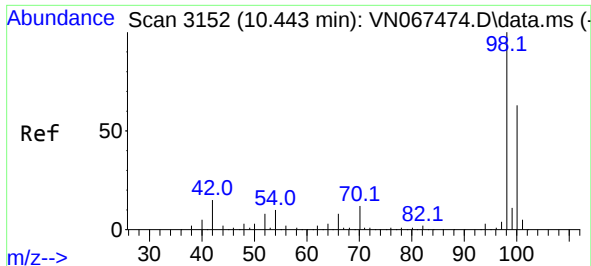
Tgt Ion:130 Resp: 7480
Ion Ratio Lower Upper
130 100
95 106.9 0.0 234.4



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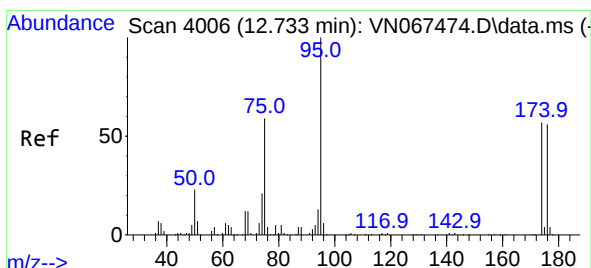
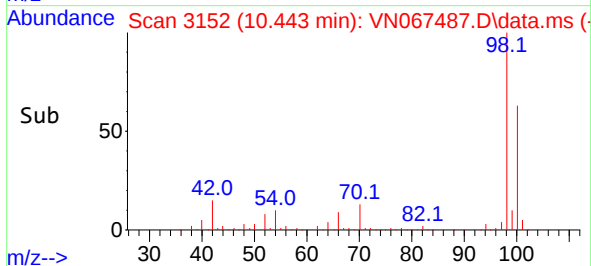
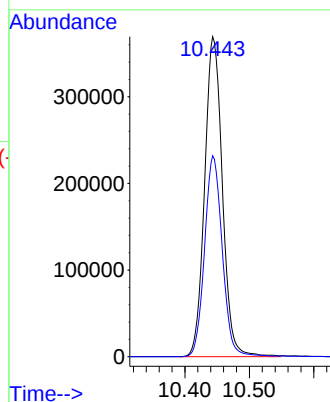
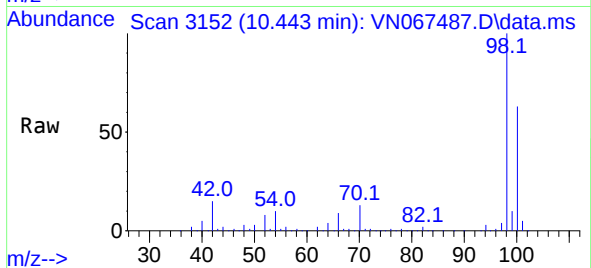
#50
Toluene-d8
Concen: 51.159 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

Tgt Ion: 98 Resp: 707140
Ion Ratio Lower Upper
98 100
100 62.5 51.7 77.5

Instrument :
MSVOA_N
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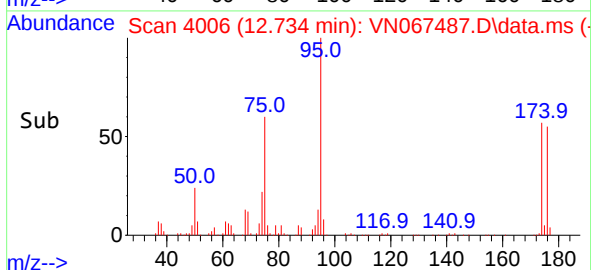
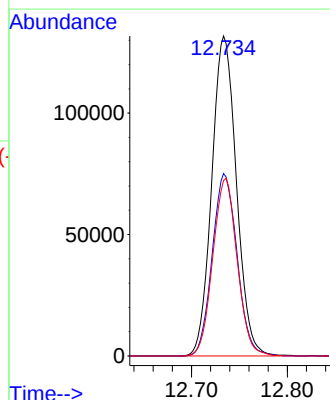
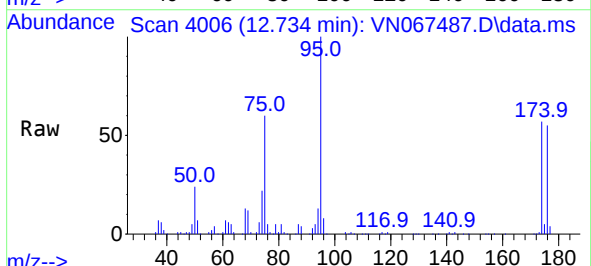
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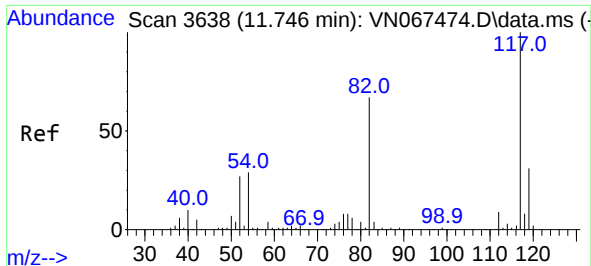
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#62
4-Bromofluorobenzene
Concen: 47.798 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

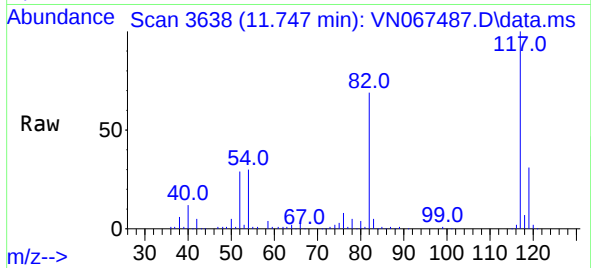
Tgt Ion: 95 Resp: 235389
Ion Ratio Lower Upper
95 100
174 57.4 0.0 122.0
176 54.8 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

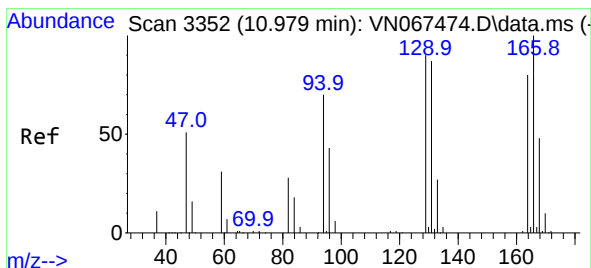
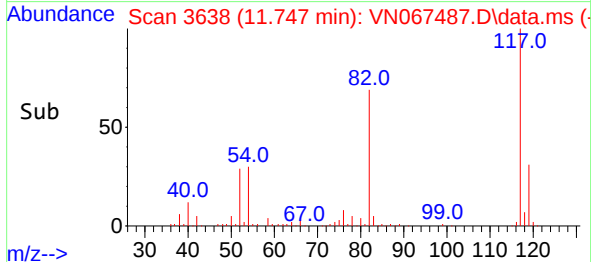
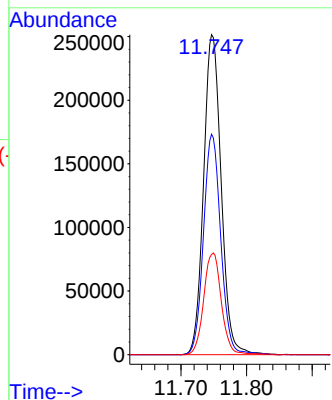
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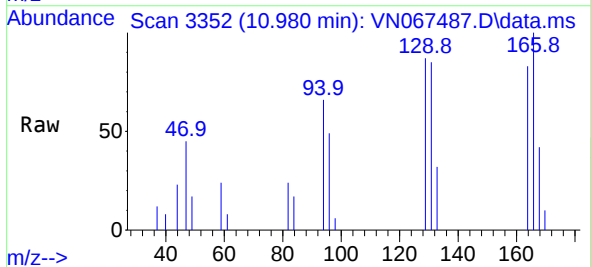
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Ion Ratio Lower Upper
117 100
82 68.9 53.1 79.7
119 31.3 25.5 38.3

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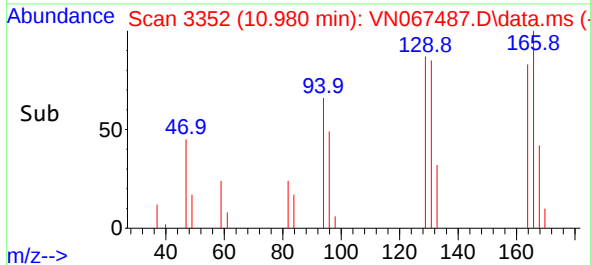
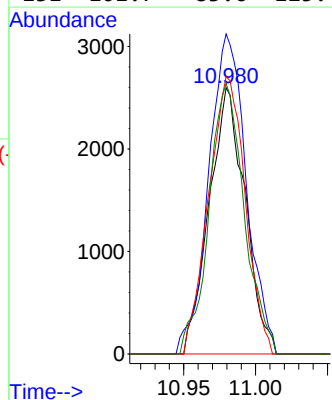
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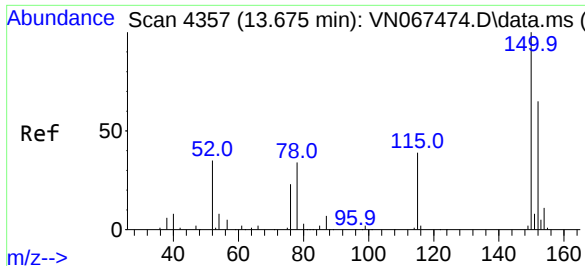


#64
Tetrachloroethene
Concen: 1.482 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55



Tgt Ion:164 Resp: 4520
Ion Ratio Lower Upper
164 100
166 120.2 102.1 153.1
129 104.2 86.9 130.3
131 101.7 83.6 125.4





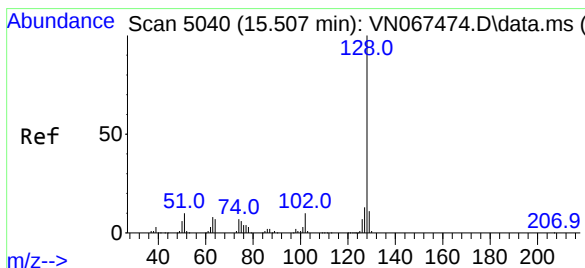
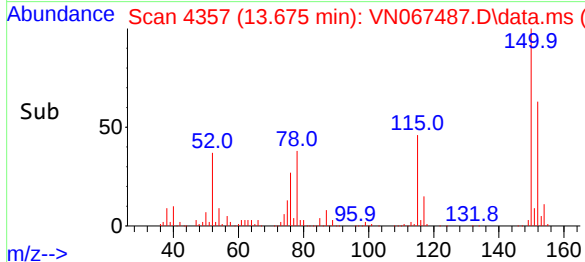
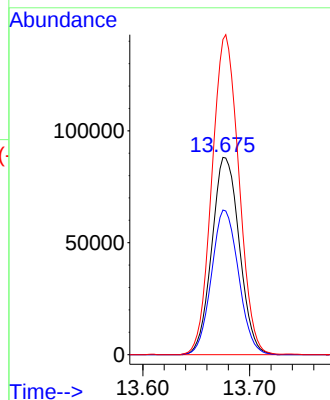
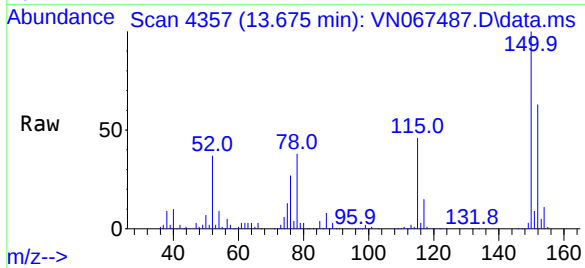
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

Tgt Ion:152 Resp: 157793
Ion Ratio Lower Upper
152 100
115 72.3 36.1 108.5
150 158.7 0.0 351.8

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20210621

Manual Integrations
APPROVED

MMDadoda
6/25/2021 6:22:57 PM



#95
Naphthalene
Concen: 4.030 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067487.D
Acq: 24 Jun 2021 16:55

Tgt Ion:128 Resp: 6543
Ion Ratio Lower Upper
128 100
127 11.6 10.6 15.8
129 11.2 8.6 12.8

