

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067413.D
 Acq On : 21 Jun 2021 13:48
 Operator : JC/MD
 Sample : M2782-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER-SAMPLE

Manual Integrations
 APPROVED

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 6/22/2021 6:24:51 PM

Quant Time: Jun 22 03:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	300736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	617549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	559331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	304490	51.324	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.640%			
35) Dibromofluoromethane	8.024	113	193811	47.188	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.380%			
50) Toluene-d8	10.443	98	820603	52.128	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.734	95	292724	45.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.120%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	14690	6.452	ug/l	92
20) Methylene Chloride	5.103	84	2770m	0.585	ug/l	
29) Tetrahydrofuran	7.699	42	36617	17.852	ug/l #	80
49) 1,4-Dioxane	9.571	88	35439	431.343	ug/l	96

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

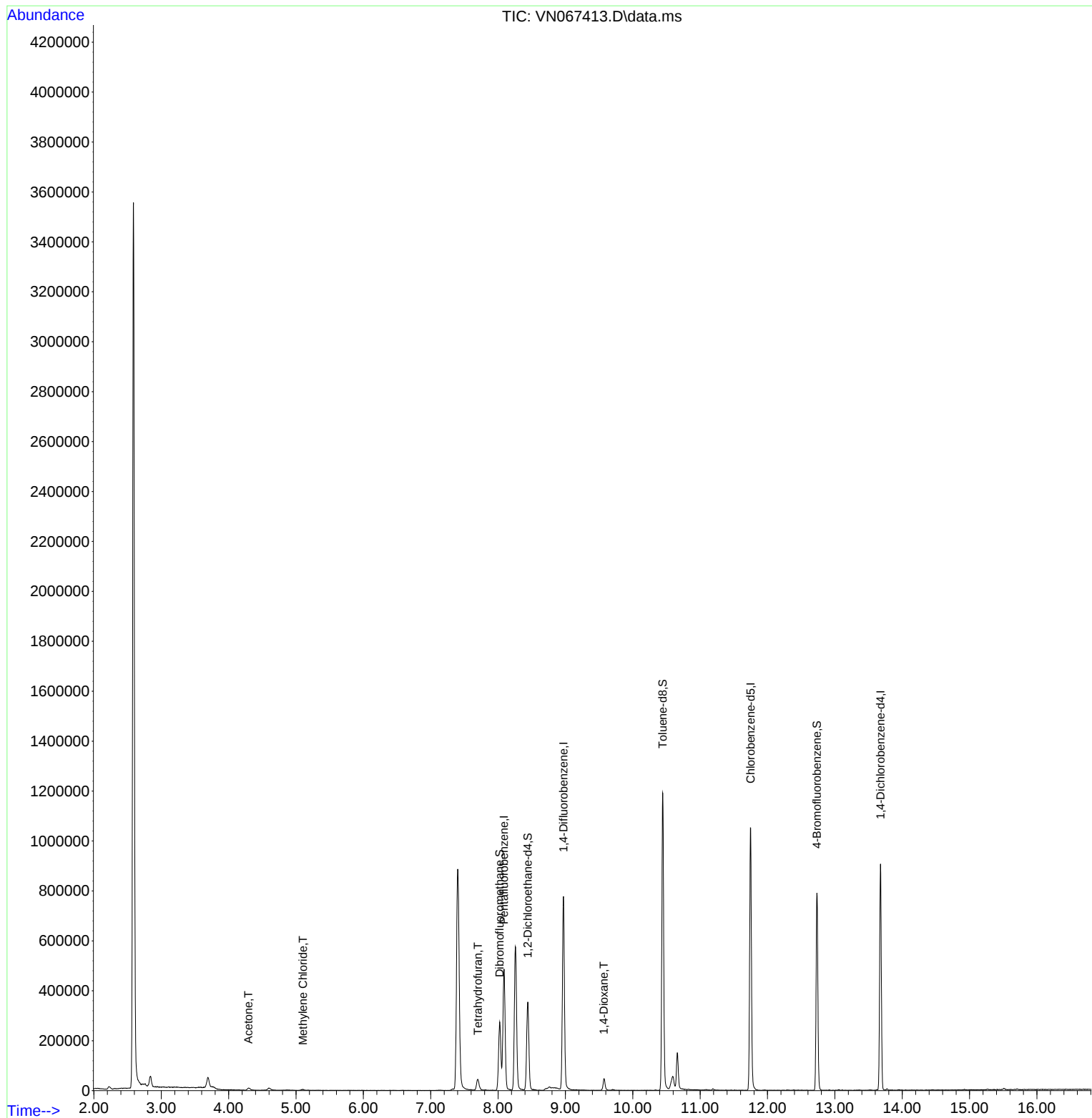
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Data File : VN067413.D
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Operator : JC/MD
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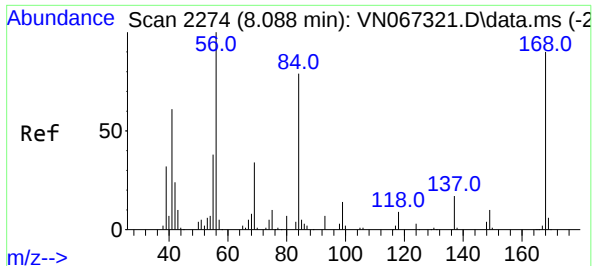
Instrument :
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WASTE-WATER-SAMPLE

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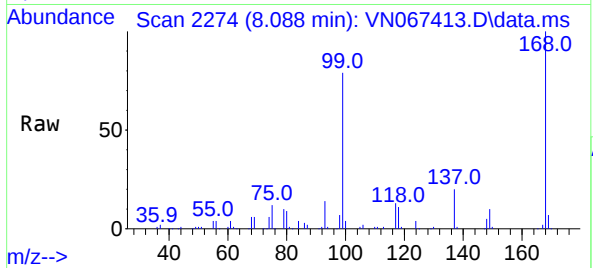
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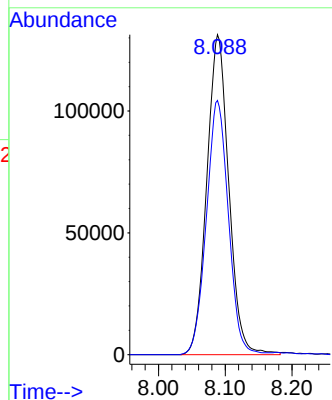
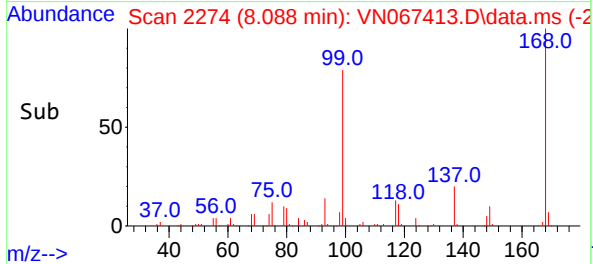




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



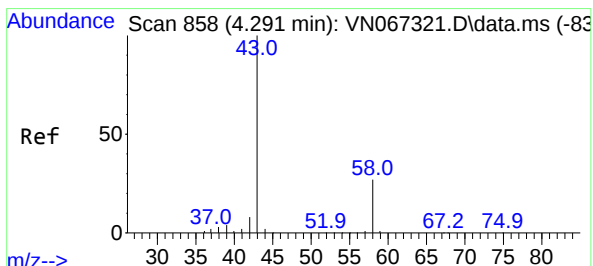
Tgt Ion:168 Resp: 300736
Ion Ratio Lower Upper
168 100
99 79.5 62.9 94.3



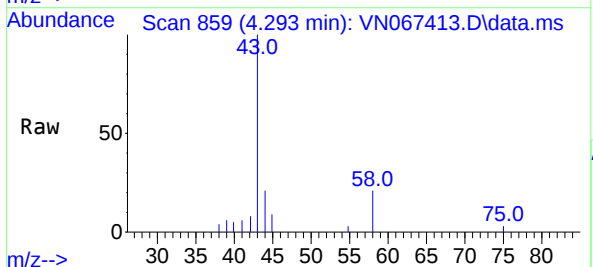
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

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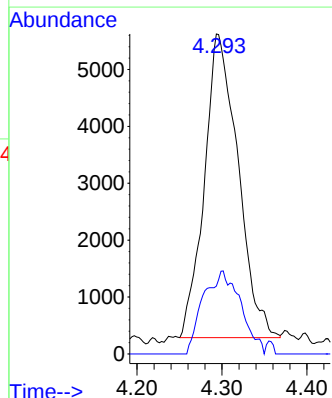
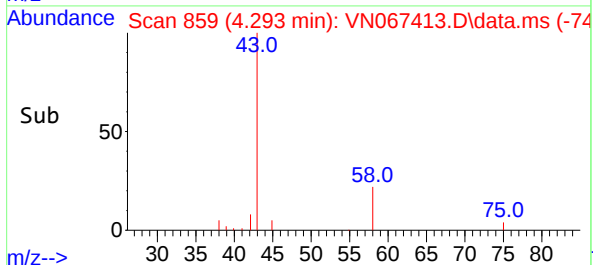
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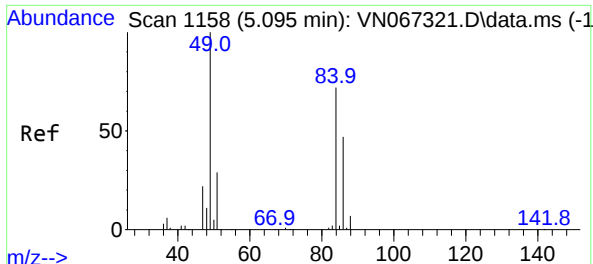


#16
Acetone
Concen: 6.452 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



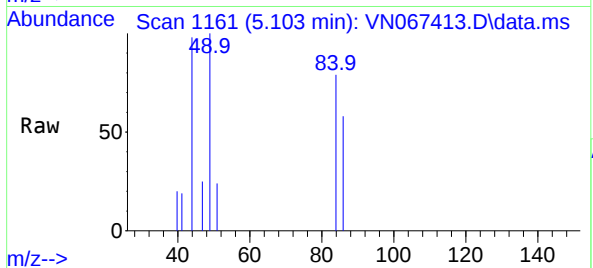
Tgt Ion: 43 Resp: 14690
Ion Ratio Lower Upper
43 100
58 22.3 21.2 31.8





#20
Methylene Chloride
Concen: 0.585 ug/l m
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

Instrument :
MSVOA_N
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WASTE-WATER-SAMPLE

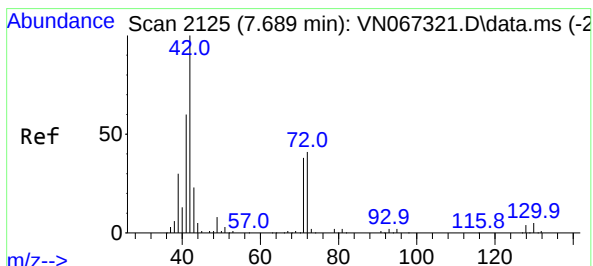
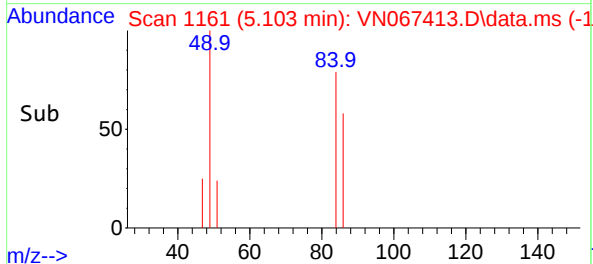
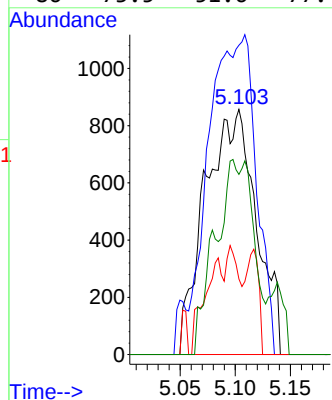


Tgt Ion: 84 Resp: 2770

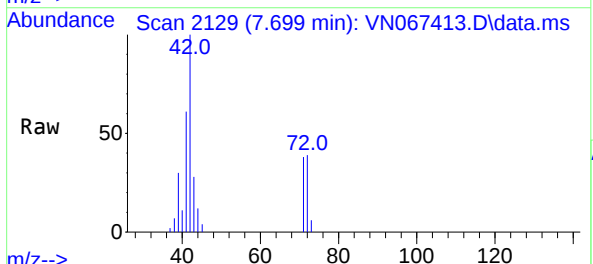
Ion	Ratio	Lower	Upper
84	100		
49	126.1	110.9	166.3
51	30.8	32.6	49.0#
86	73.5	51.6	77.4

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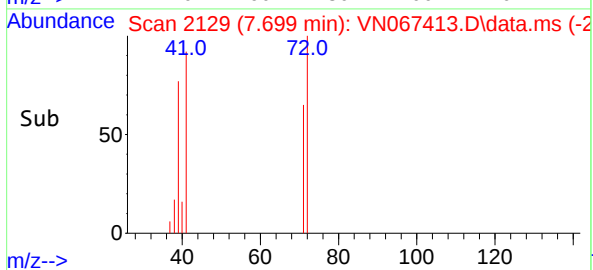
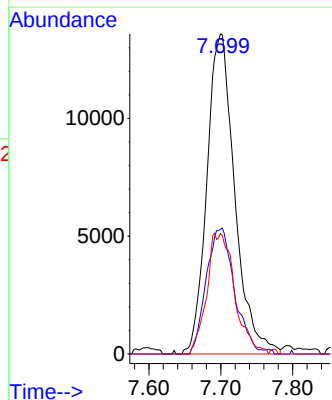


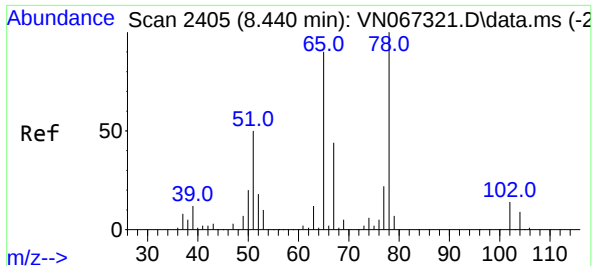
#29
Tetrahydrofuran
Concen: 17.852 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.010 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



Tgt Ion: 42 Resp: 36617

Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.8	49.2
71	14.6	31.2	46.8#





#33

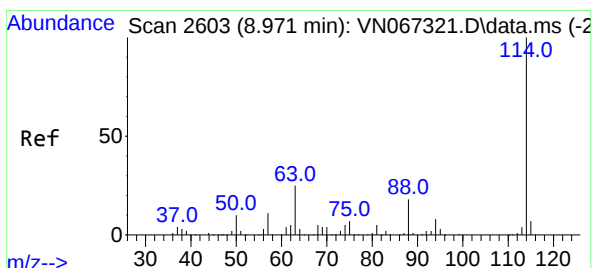
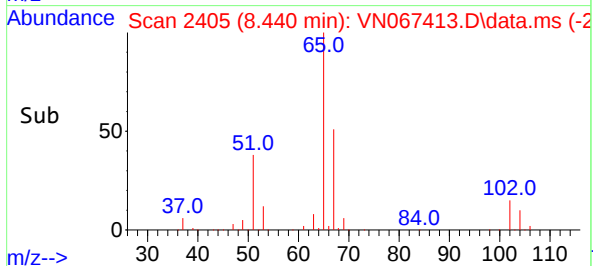
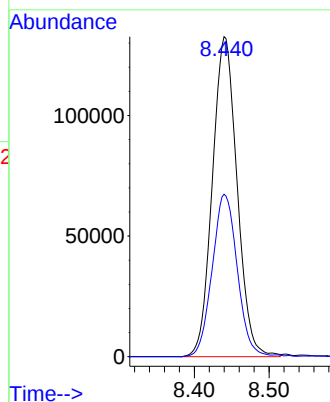
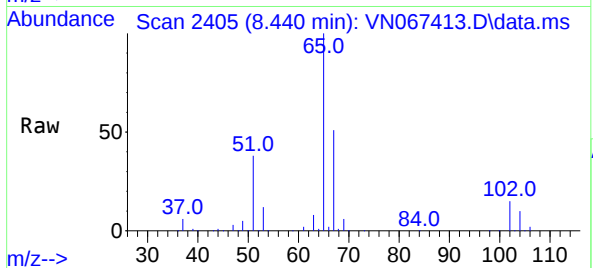
1,2-Dichloroethane-d4
Concen: 51.324 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

Tgt Ion: 65 Resp: 304490
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

Instrument :
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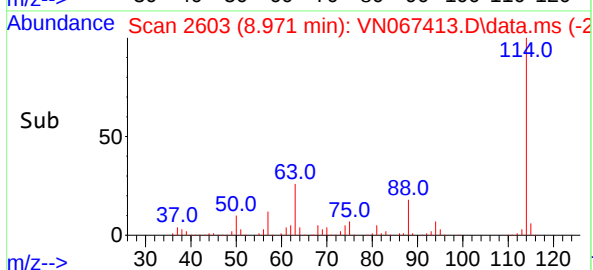
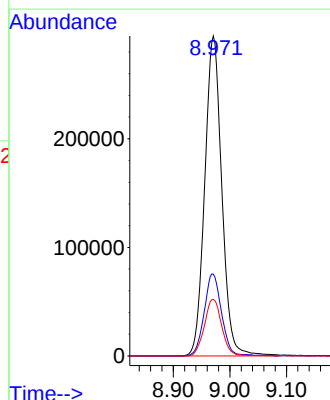
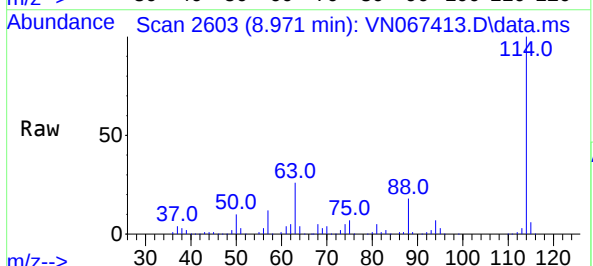
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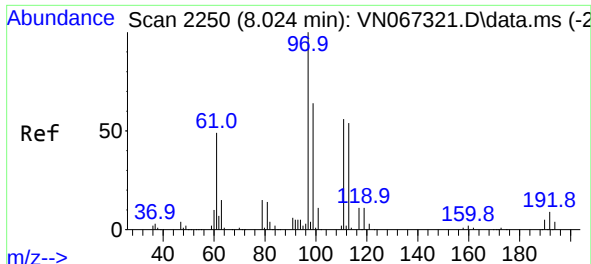


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

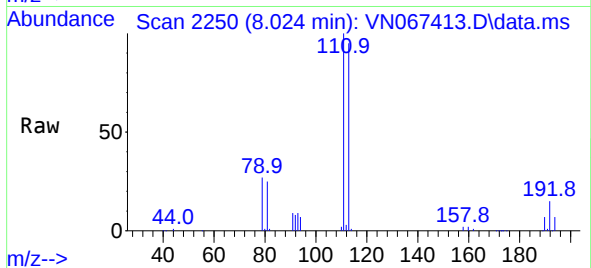
Tgt Ion: 114 Resp: 617549
Ion Ratio Lower Upper
114 100
63 25.5 0.0 49.0
88 17.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

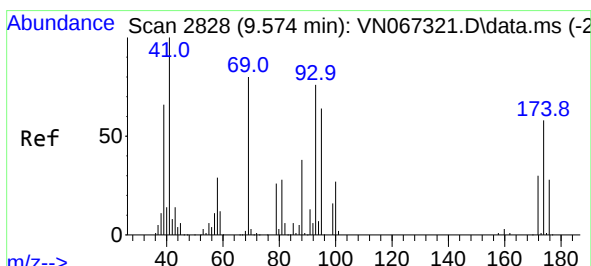
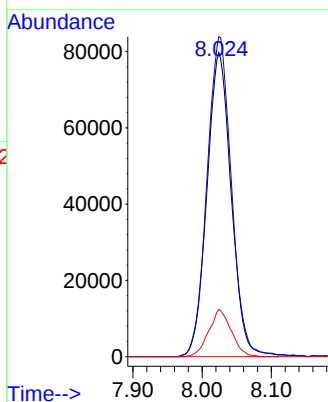
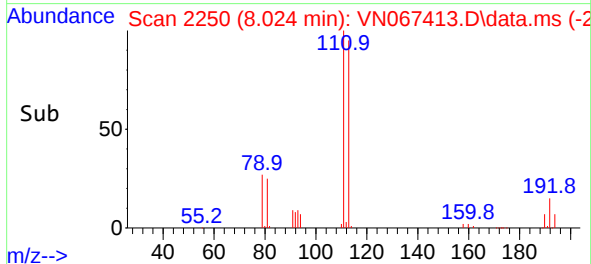
Instrument :
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WASTE-WATER-SAMPLE



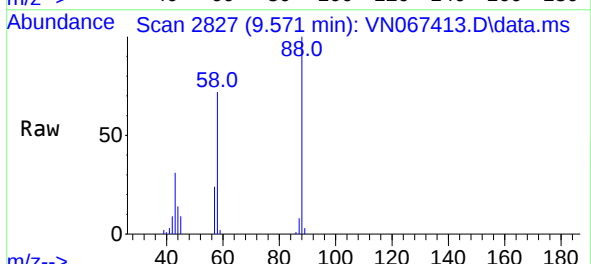
Tgt Ion:113 Resp: 193811
Ion Ratio Lower Upper
113 100
111 106.2 83.8 125.8
192 14.5 13.4 20.0

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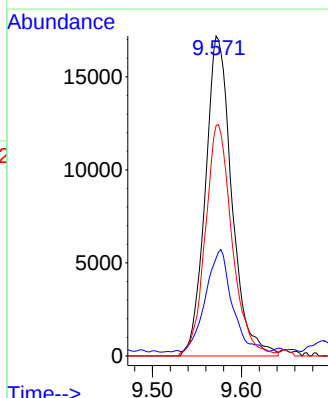
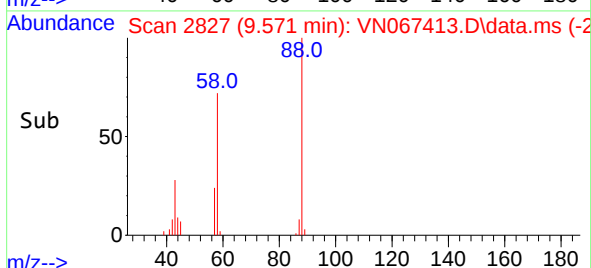
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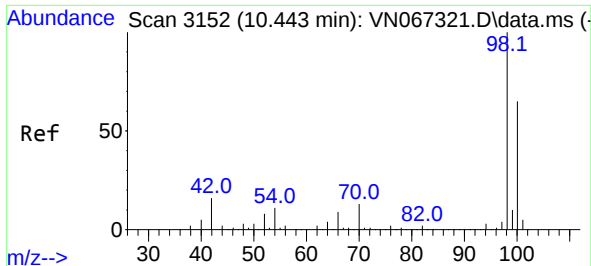


#49
1,4-Dioxane
Concen: 431.343 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



Tgt Ion: 88 Resp: 35439
Ion Ratio Lower Upper
88 100
43 31.6 28.8 43.2
58 73.3 60.4 90.6





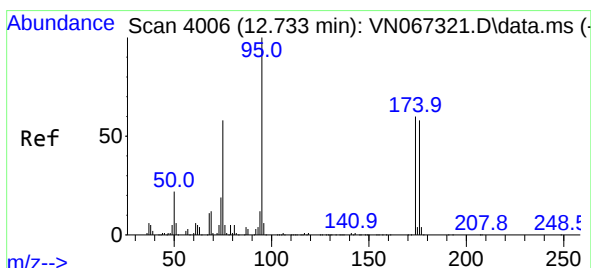
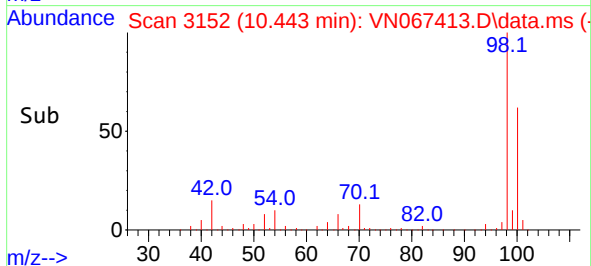
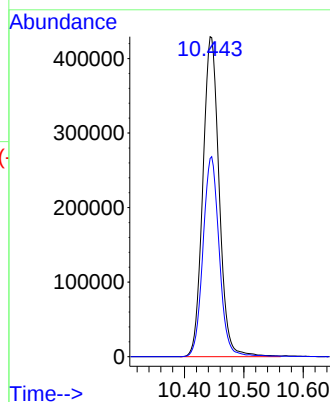
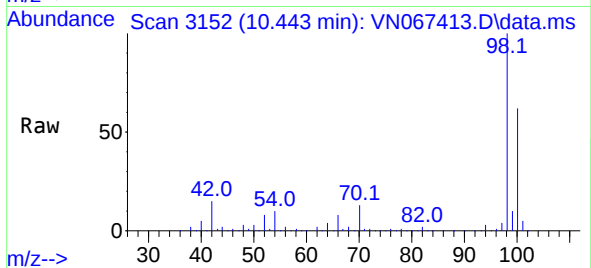
#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

Tgt Ion: 98 Resp: 820603
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5

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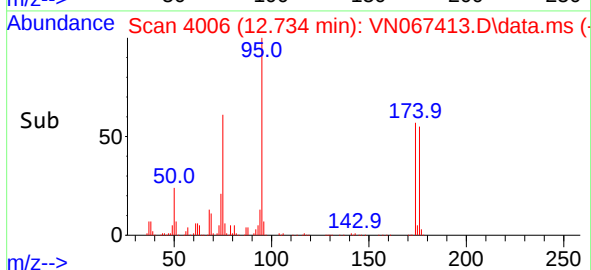
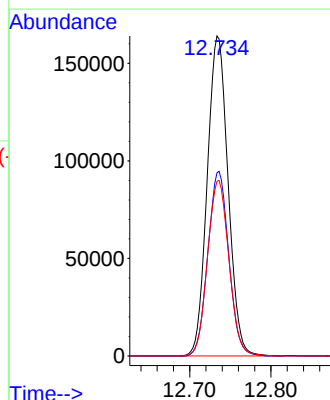
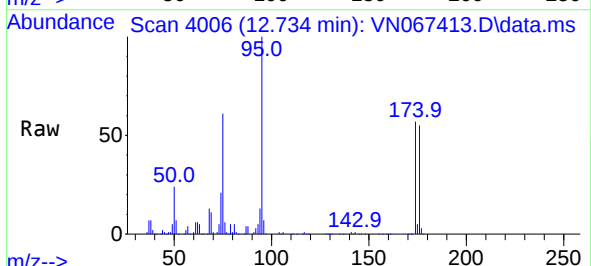
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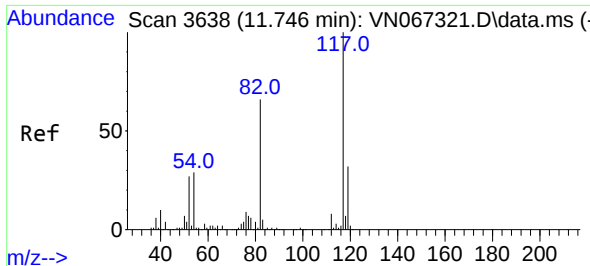
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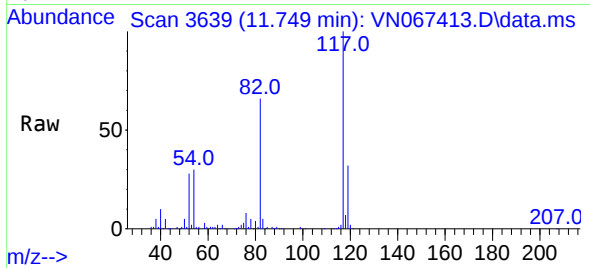
#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48

Tgt Ion: 95 Resp: 292724
Ion Ratio Lower Upper
95 100
174 57.7 0.0 122.0
176 56.2 0.0 117.6

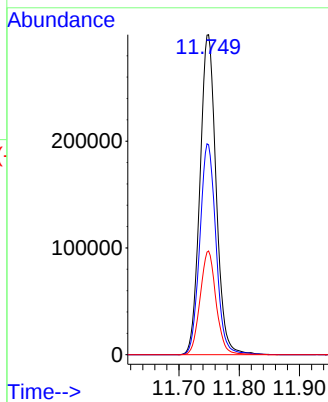
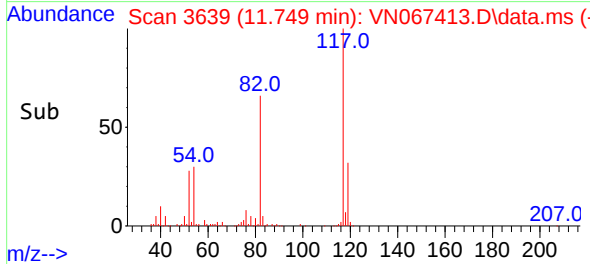




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



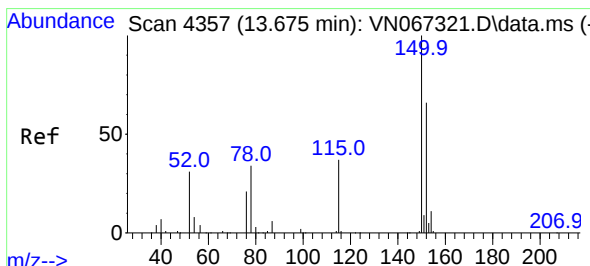
Tgt Ion:117 Resp: 559331
Ion Ratio Lower Upper
117 100
82 65.6 53.1 79.7
119 32.4 25.5 38.3



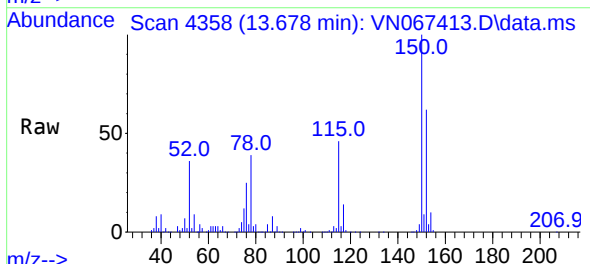
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067413.D
Acq: 21 Jun 2021 13:48



Tgt Ion:152 Resp: 199320
Ion Ratio Lower Upper
152 100
115 72.5 36.1 108.5
150 160.8 0.0 351.8

