

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068841.D
 Acq On : 7 Oct 2021 15:07
 Operator : JC/MD
 Sample : M4057-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHAFT-17B-SP

Manual Integrations
 APPROVED

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 10/8/2021 6:03:19 PM

Quant Time: Oct 08 05:58:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	479205	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	838090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	806985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	278756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	335281	47.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.22%		
35) Dibromofluoromethane	8.021	113	260150	47.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.50%		
50) Toluene-d8	10.443	98	1081298	50.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.74%		
62) 4-Bromofluorobenzene	12.733	95	344953	43.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.46%		
Target Compounds						
3) Chloromethane	2.303	50	905	Below Cal		Qvalue 98
4) Vinyl Chloride	2.445	62	96	Below Cal	#	63
6) Chloroethane	3.057	64	460	Below Cal	#	44
16) Acetone	4.296	43	14057	Below Cal		96
17) Carbon Disulfide	4.545	76	26	Below Cal	#	74
18) Methyl Acetate	4.867	43	12944m	1.86	ug/l	
20) Methylene Chloride	5.106	84	23821	2.22	ug/l	89
25) 2-Butanone	7.345	43	6155	1.91	ug/l	95
31) Cyclohexane	8.085	56	12332	Below Cal	#	22
43) Isopropyl Acetate	8.566	43	63159	5.49	ug/l	# 74
96) 1,2,3-Trichlorobenzene	15.697	180	110	Below Cal	#	78

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

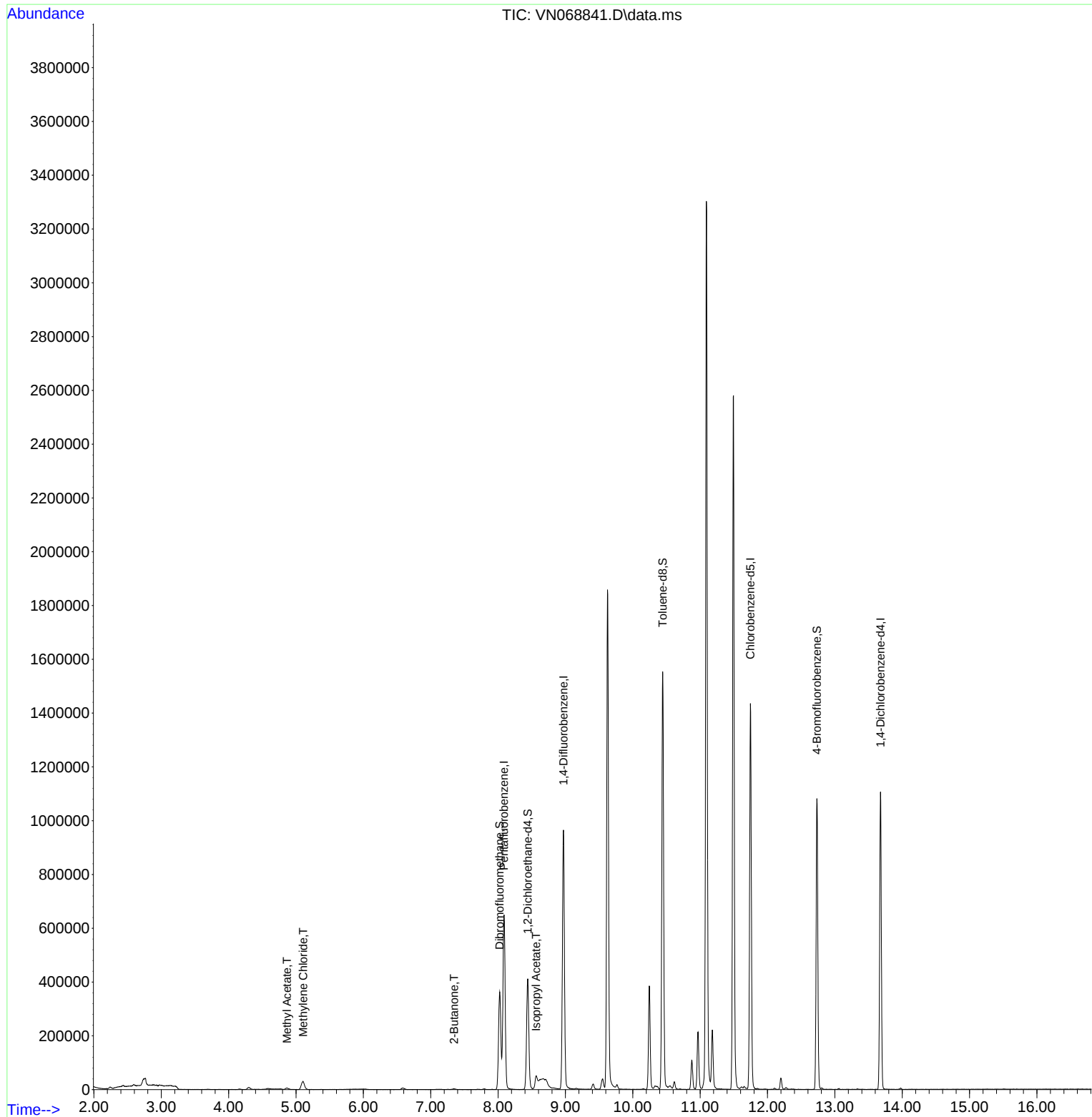
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Data File : VN068841.D
Acq On : 7 Oct 2021 15:07
Operator : JC/MD
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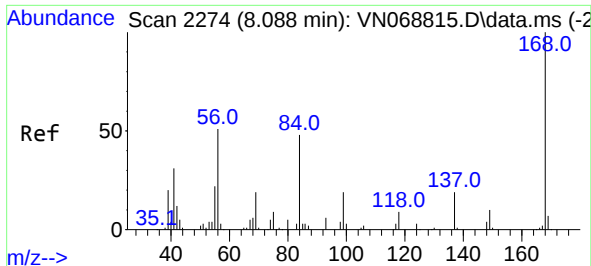
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MSVOA_N
ClientSampleId :
SHAFT-17B-SP

Manual Integrations
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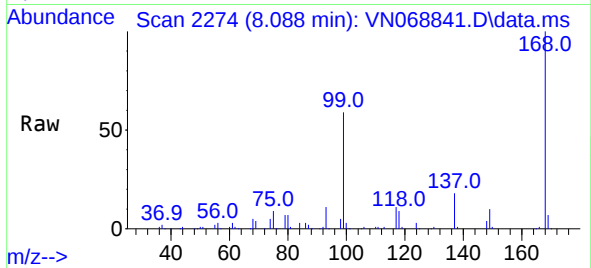
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Quant Time: Oct 08 05:58:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
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Response via : Initial Calibration

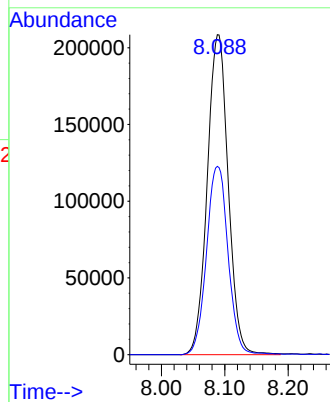
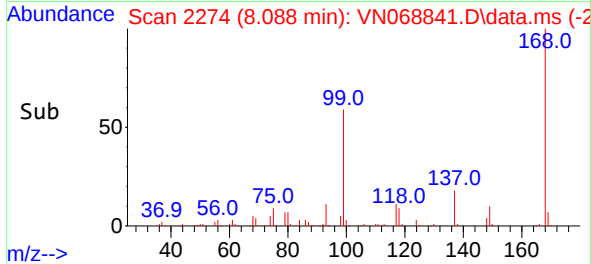




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



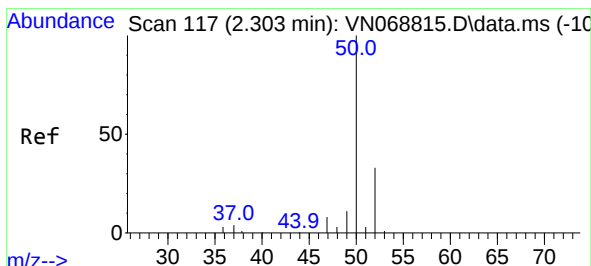
Tgt Ion: 168 Resp: 479205
Ion Ratio Lower Upper
168 100
99 58.9 62.9 94.3#



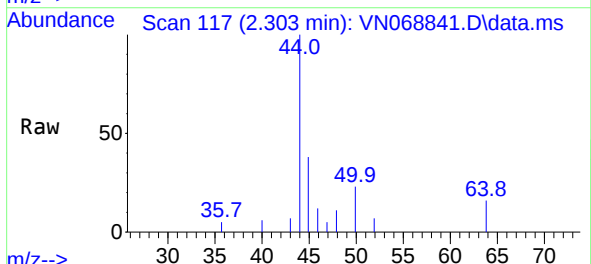
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MSVOA_N
ClientSampleId :
SHAFT-17B-SP

Manual Integrations
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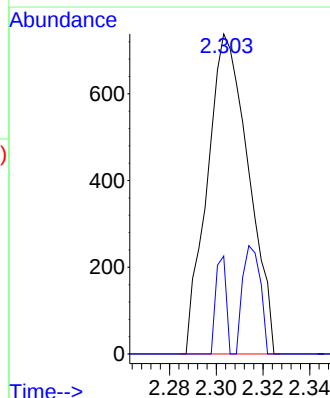
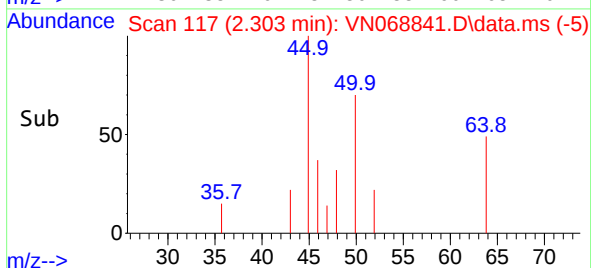
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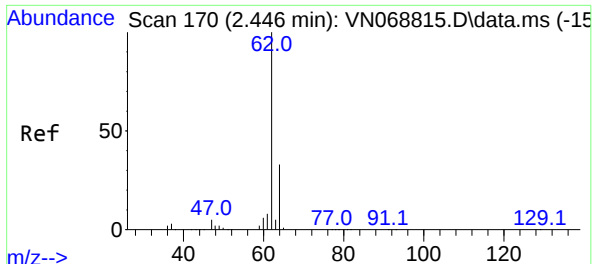


#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



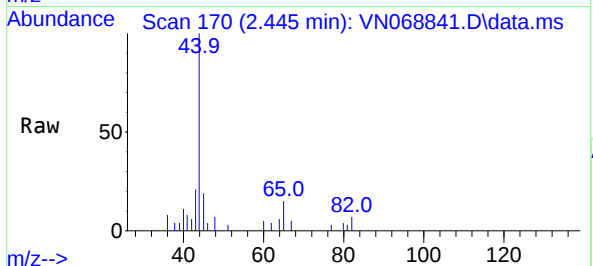
Tgt Ion: 50 Resp: 905
Ion Ratio Lower Upper
50 100
52 30.6 25.6 38.4





#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.445 min Scan# 170
 Delta R.T. -0.001 min
 Lab File: VN068841.D
 Acq: 7 Oct 2021 15:07

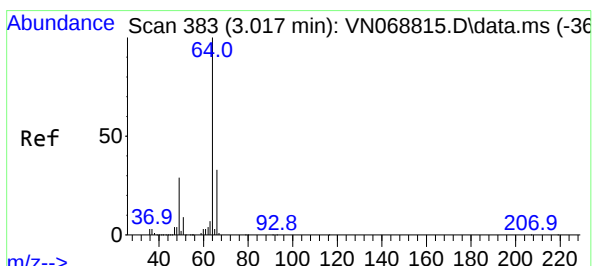
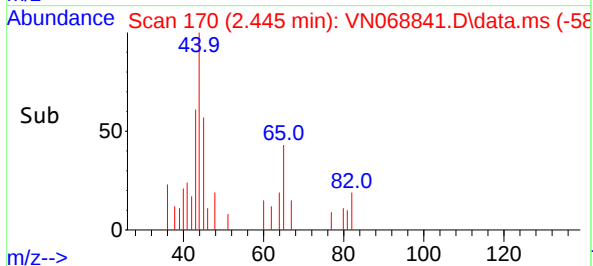
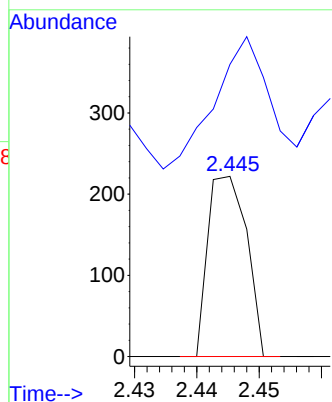
Instrument :
 MSVOA_N
 ClientSampleId :
 SHAFT-17B-SP



Tgt Ion: 62 Resp: 96
 Ion Ratio Lower Upper
 62 100
 64 50.9 24.4 36.6#

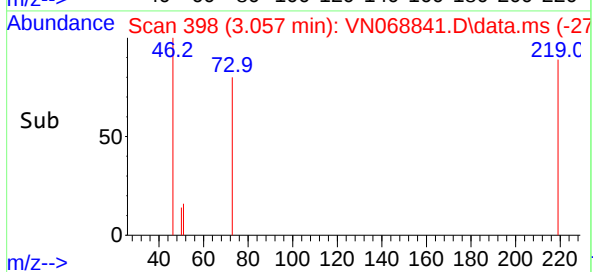
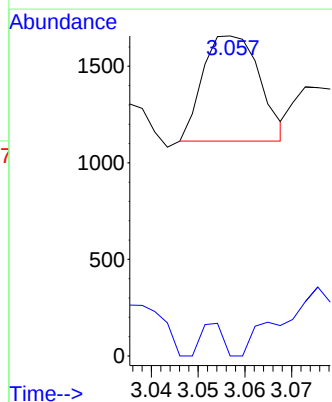
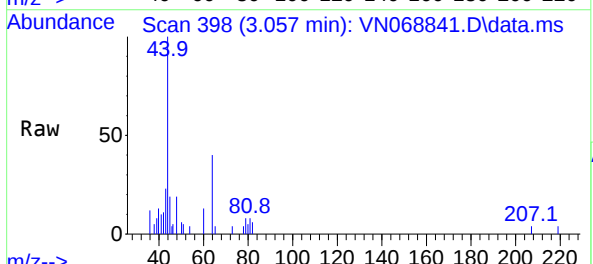
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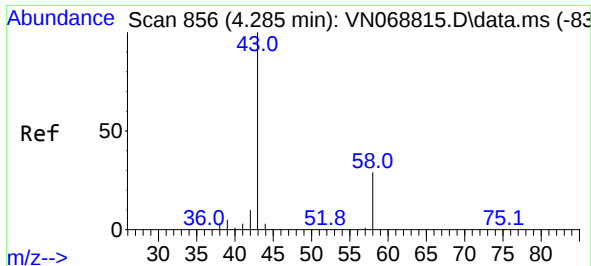
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#6
 Chloroethane
 Concen: Below Cal
 RT: 3.057 min Scan# 398
 Delta R.T. 0.040 min
 Lab File: VN068841.D
 Acq: 7 Oct 2021 15:07

Tgt Ion: 64 Resp: 460
 Ion Ratio Lower Upper
 64 100
 66 0.0 24.7 37.1#





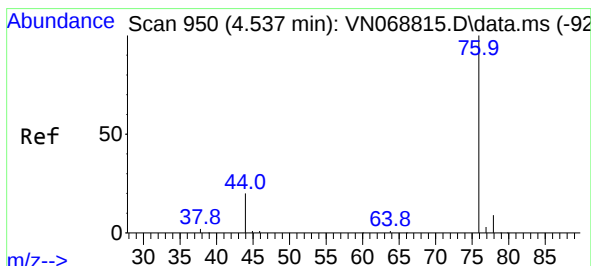
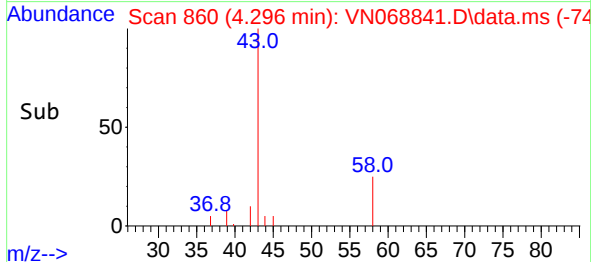
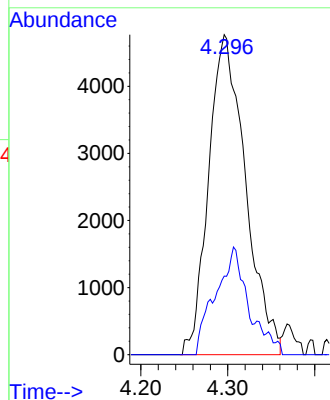
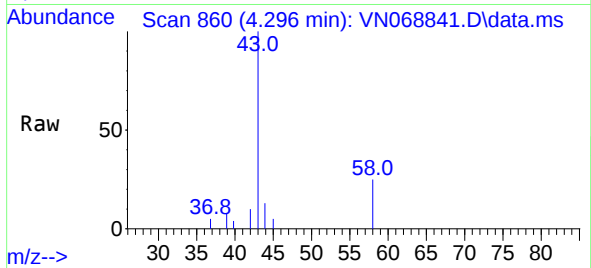
#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

Tgt Ion: 43 Resp: 14057
Ion Ratio Lower Upper
43 100
58 24.6 21.2 31.8

Instrument :
MSVOA_N
ClientSampleId :
SHAFT-17B-SP

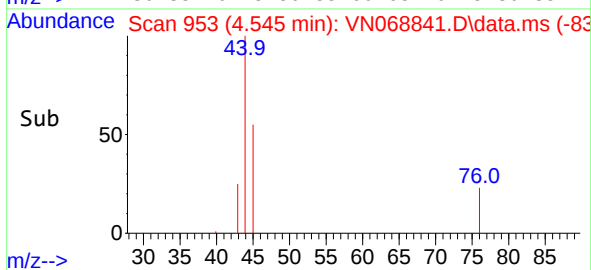
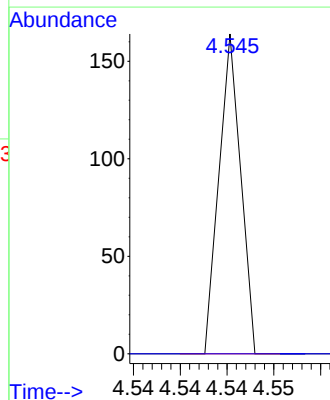
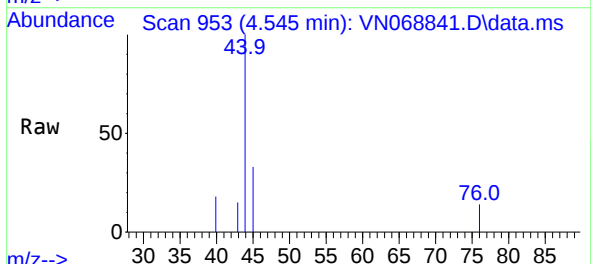
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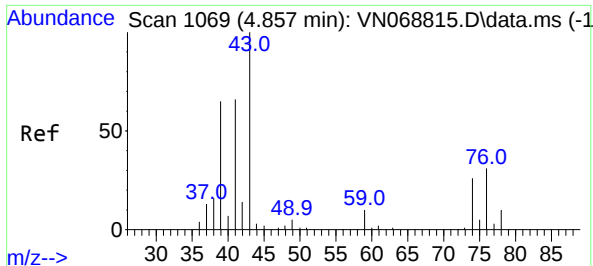
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#17
Carbon Disulfide
Concen: Below Cal
RT: 4.545 min Scan# 953
Delta R.T. 0.008 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

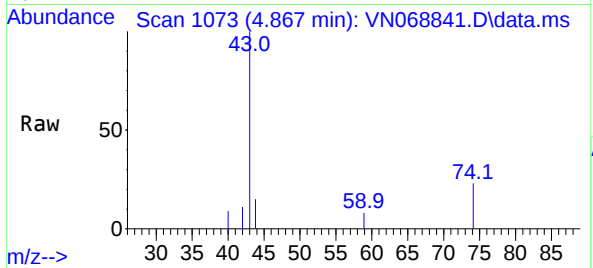
Tgt Ion: 76 Resp: 26
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





#18
Methyl Acetate
Concen: 1.86 ug/l m
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

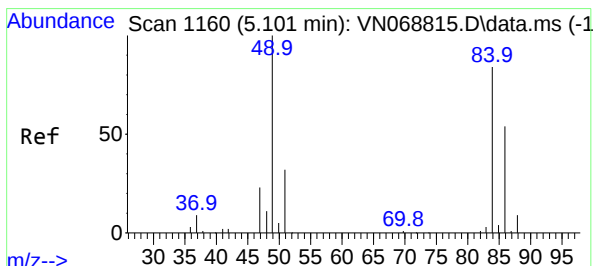
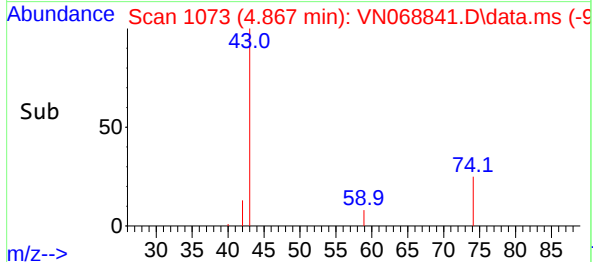
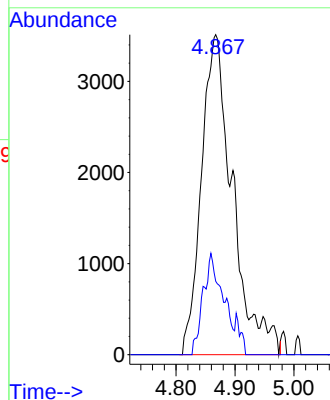
Instrument :
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ClientSampleId :
SHAFT-17B-SP



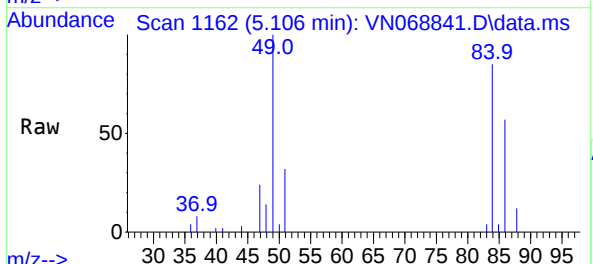
Tgt Ion: 43 Resp: 12944
Ion Ratio Lower Upper
43 100
74 20.2 17.4 26.0

Manual Integrations
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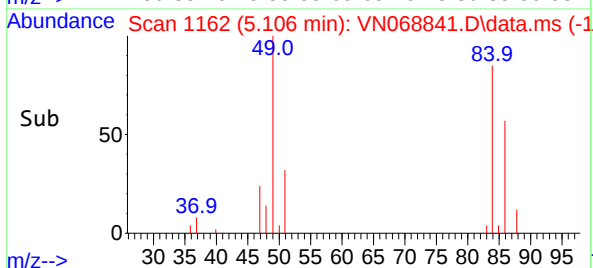
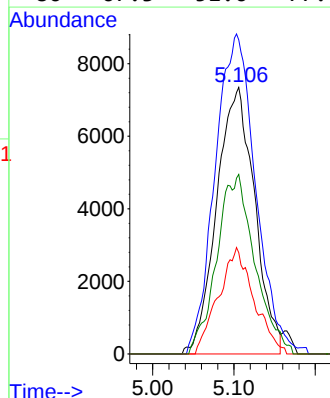
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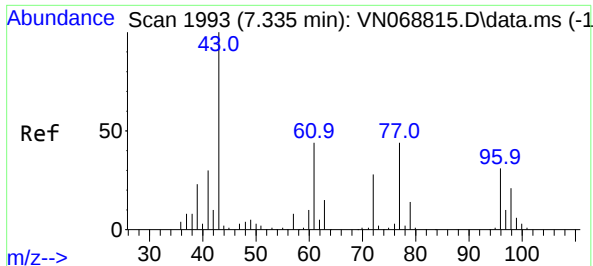


#20
Methylene Chloride
Concen: 2.22 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.005 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



Tgt Ion: 84 Resp: 23821
Ion Ratio Lower Upper
84 100
49 117.8 110.9 166.3
51 38.0 32.6 49.0
86 67.3 51.6 77.4





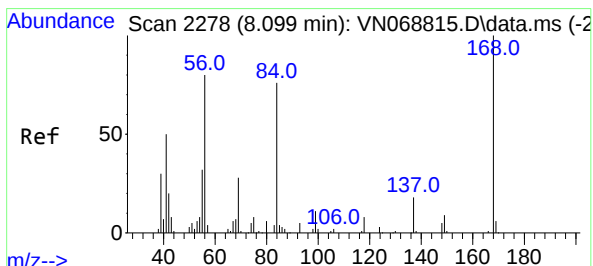
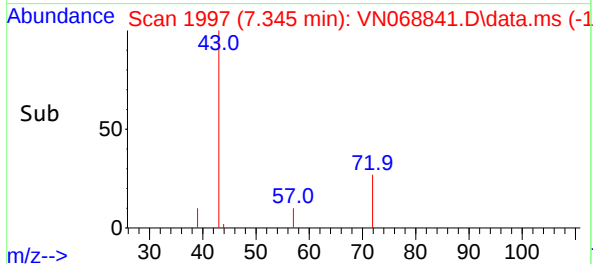
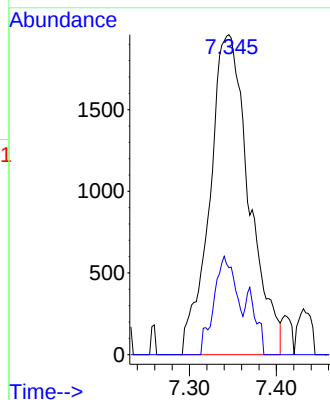
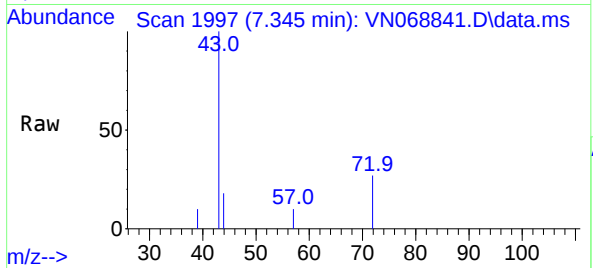
#25
2-Butanone
Concen: 1.91 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

Tgt Ion: 43 Resp: 6155
Ion Ratio Lower Upper
43 100
72 27.2 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
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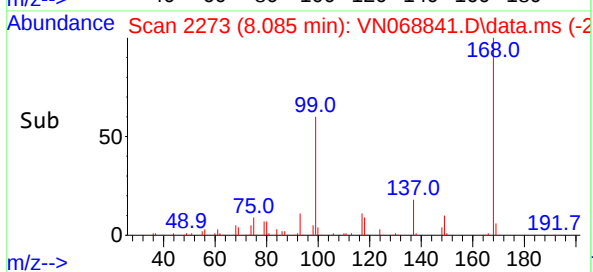
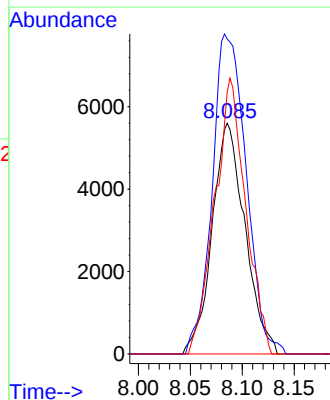
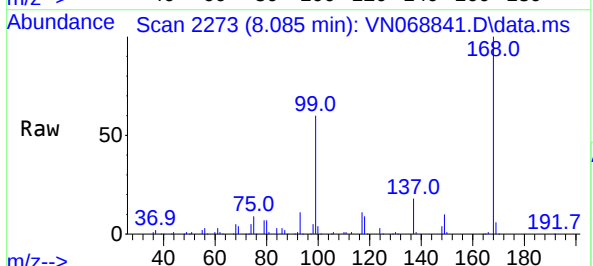
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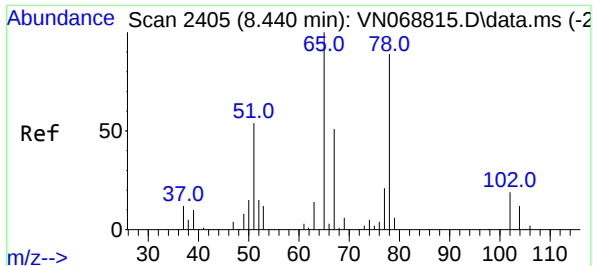
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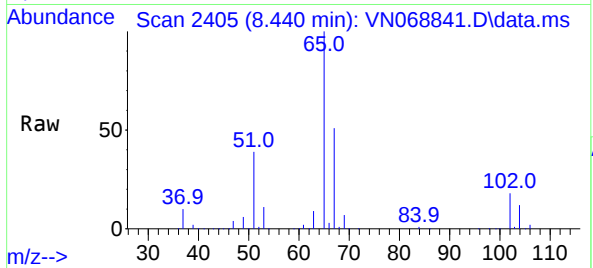
#31
Cyclohexane
Concen: Below Cal
RT: 8.085 min Scan# 2273
Delta R.T. -0.014 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

Tgt Ion: 56 Resp: 12332
Ion Ratio Lower Upper
56 100
69 136.4 27.3 40.9#
84 113.4 64.9 97.3#

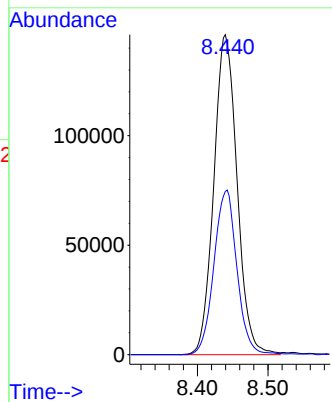
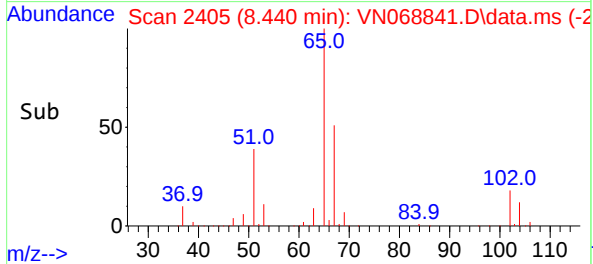




#33
1,2-Dichloroethane-d4
Concen: 47.61 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



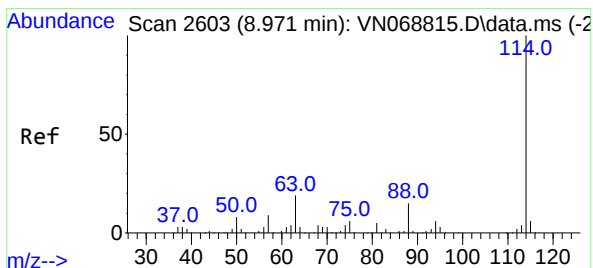
Tgt Ion: 65 Resp: 335281
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6



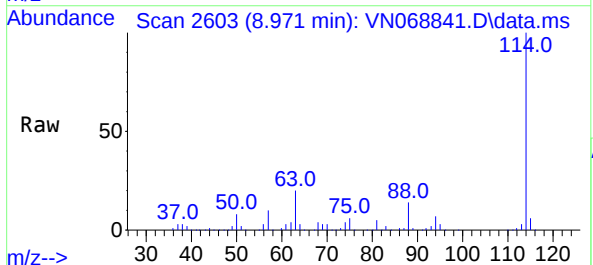
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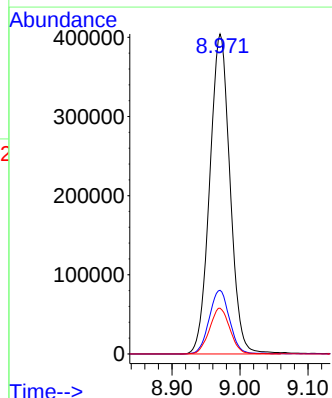
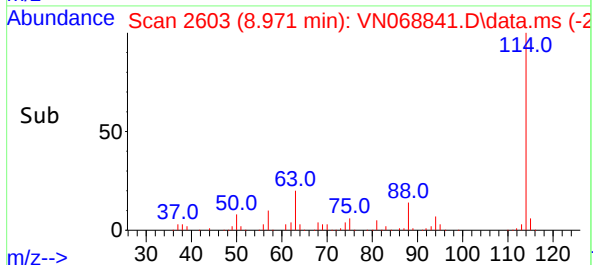
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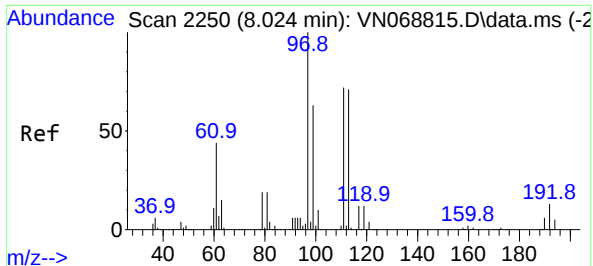


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



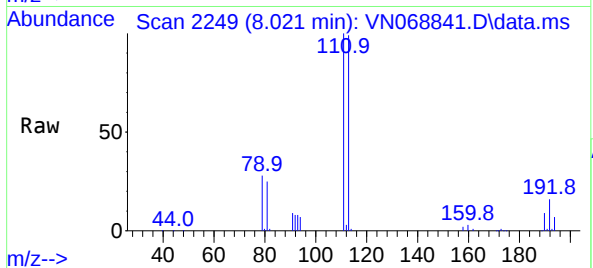
Tgt Ion: 114 Resp: 838090
Ion Ratio Lower Upper
114 100
63 19.9 0.0 49.0
88 14.3 0.0 36.6





#35
 Dibromofluoromethane
 Concen: 47.25 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN068841.D
 Acq: 7 Oct 2021 15:07

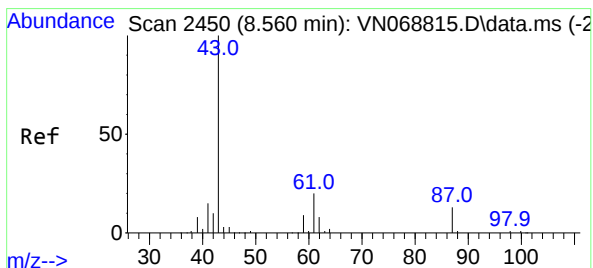
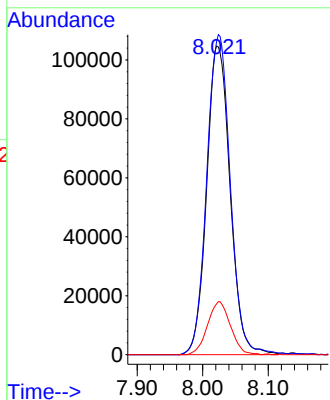
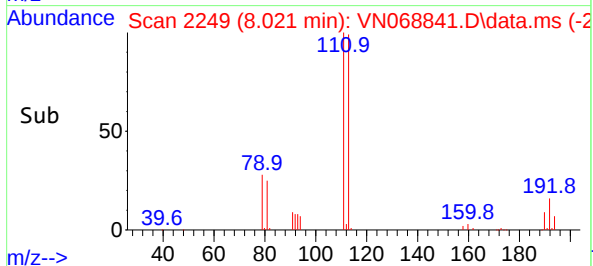
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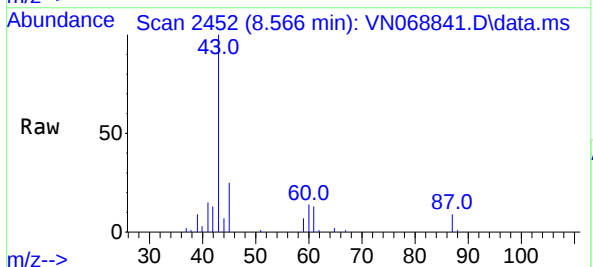
Tgt Ion: 113 Resp: 260150
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.8 125.8
 192 16.8 13.4 20.0

Manual Integrations
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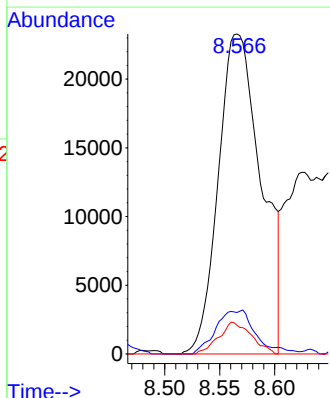
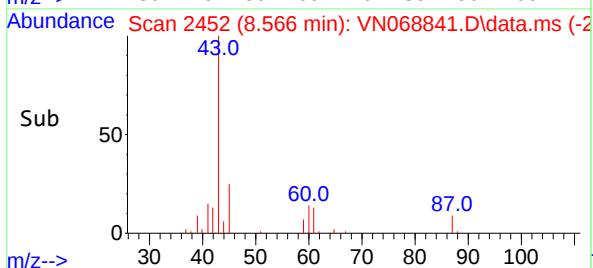
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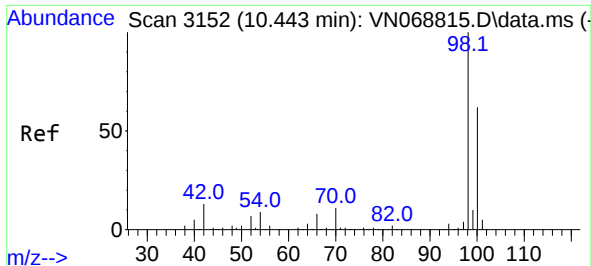


#43
 Isopropyl Acetate
 Concen: 5.49 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.006 min
 Lab File: VN068841.D
 Acq: 7 Oct 2021 15:07



Tgt Ion: 43 Resp: 63159
 Ion Ratio Lower Upper
 43 100
 61 7.0 19.0 28.4#
 87 7.6 9.5 14.3#





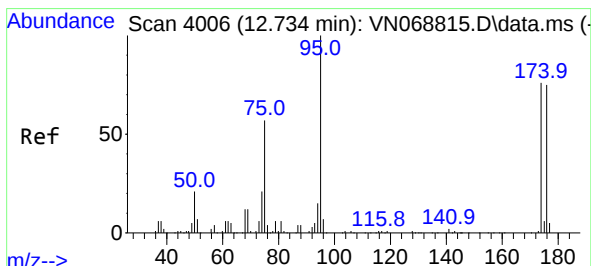
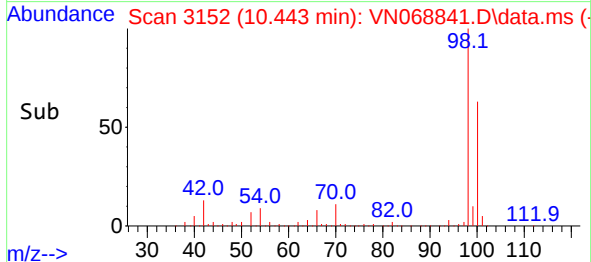
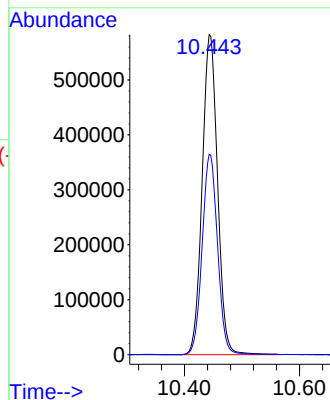
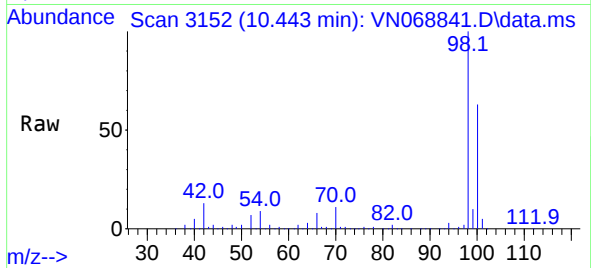
#50
Toluene-d8
Concen: 50.37 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

Tgt Ion: 98 Resp: 1081298
Ion Ratio Lower Upper
98 100
100 62.5 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
SHAFT-17B-SP

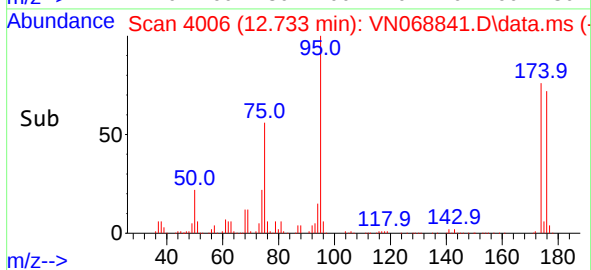
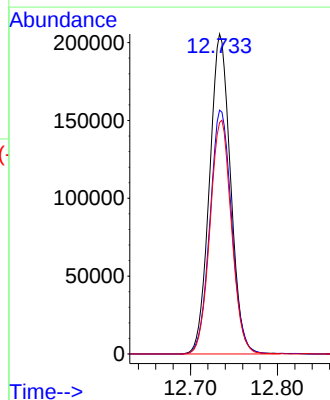
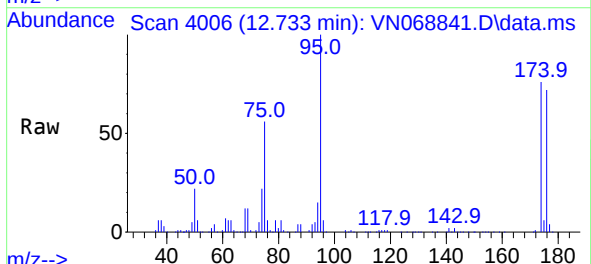
Manual Integrations
APPROVED

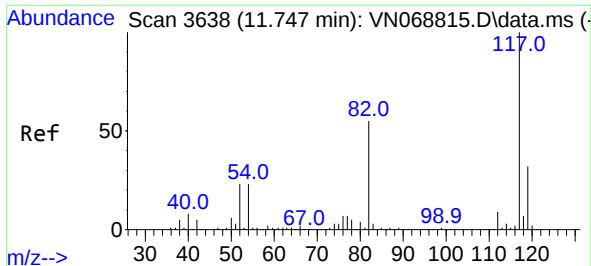
MMDadoda
10/8/2021 6:03:19 PM



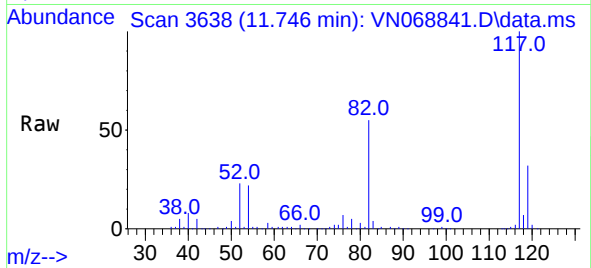
#62
4-Bromofluorobenzene
Concen: 43.23 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07

Tgt Ion: 95 Resp: 344953
Ion Ratio Lower Upper
95 100
174 78.9 0.0 122.0
176 74.6 0.0 117.6

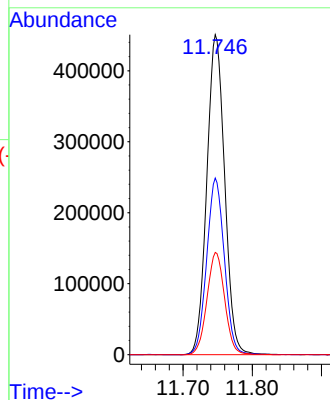
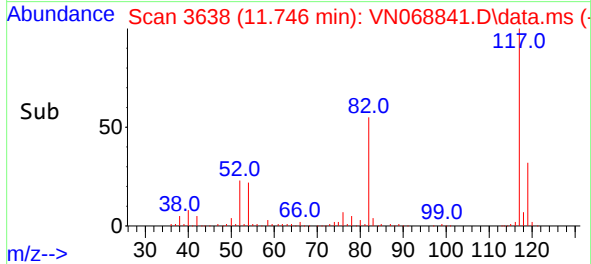




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



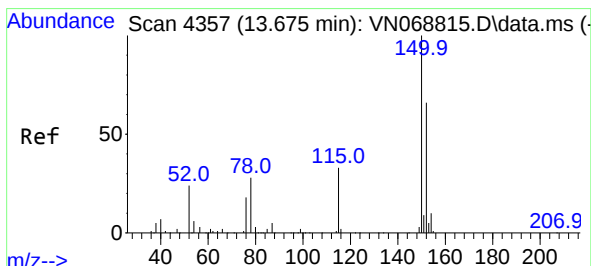
Tgt Ion:117 Resp: 806985
Ion Ratio Lower Upper
117 100
82 55.2 53.1 79.7
119 31.9 25.5 38.3



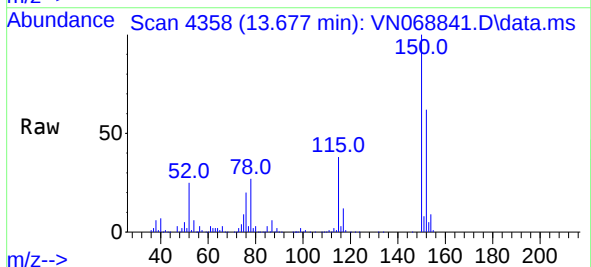
Instrument :
MSVOA_N
ClientSampleId :
SHAFT-17B-SP

Manual Integrations
APPROVED

MMDadoda
10/8/2021 6:03:19 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068841.D
Acq: 7 Oct 2021 15:07



Tgt Ion:152 Resp: 278756
Ion Ratio Lower Upper
152 100
115 61.5 36.1 108.5
150 159.7 0.0 351.8

