

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070319.D
 Acq On : 27 Dec 2021 19:26
 Operator : JC/MD
 Sample : M5092-04 10X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PATAPSCO-FEED-CAKE

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:43:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1247201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2371152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2956076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1175465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	938677	52.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.70%	
35) Dibromofluoromethane	8.021	113	678721	47.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	94.62%	
50) Toluene-d8	10.441	98	3214678	54.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.731	95	1463448	69.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	138.28%#	
Target Compounds						
16) Acetone	4.291	43	390667	33.56	ug/l	Qvalue 100
20) Methylene Chloride	5.103	84	6313m	0.39	ug/l	
25) 2-Butanone	7.337	43	1009247	68.86	ug/l	91
29) Tetrahydrofuran	7.702	42	2241	0.26	ug/l #	63
52) Toluene	10.505	92	390285	8.86	ug/l	98

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

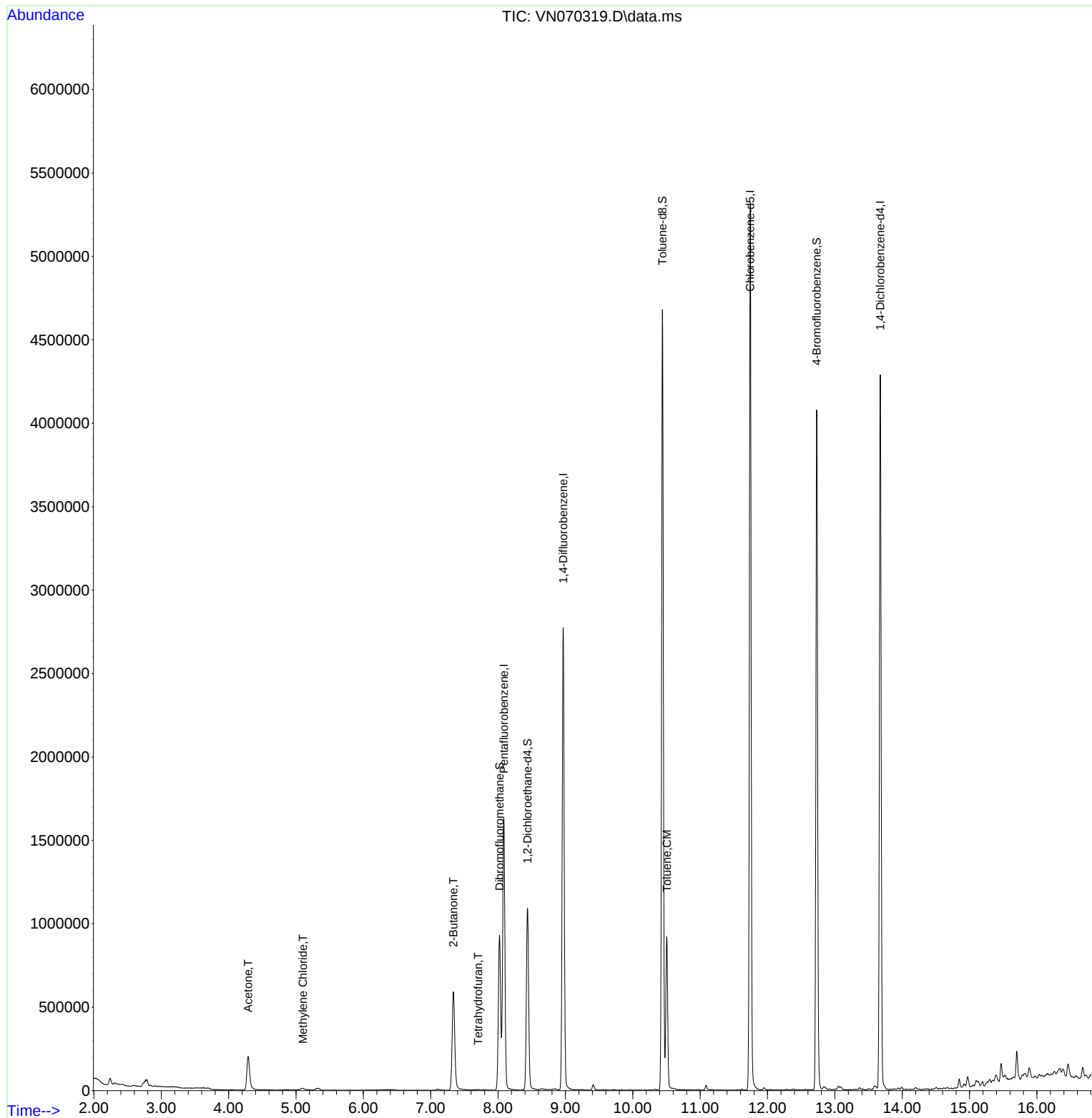
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
Data File : VN070319.D
Acq On : 27 Dec 2021 19:26
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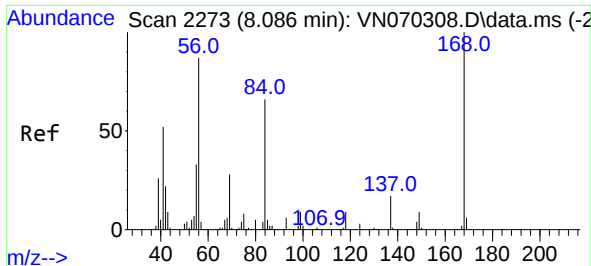
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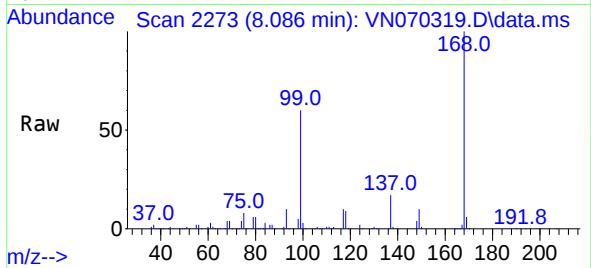
Quant Time: Dec 28 01:43:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

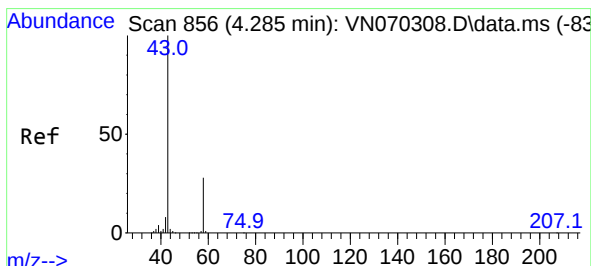
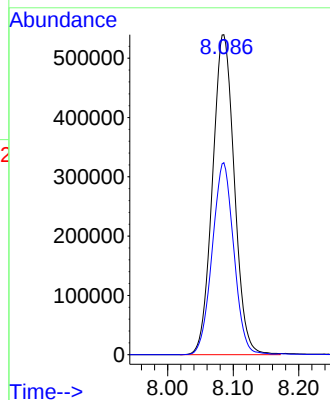
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 124720
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

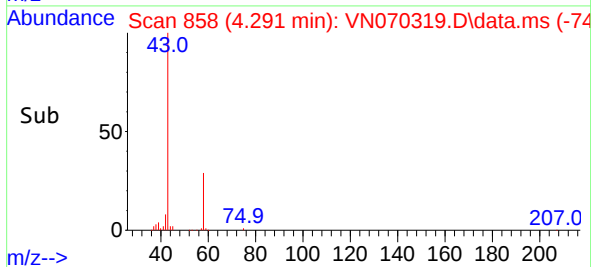
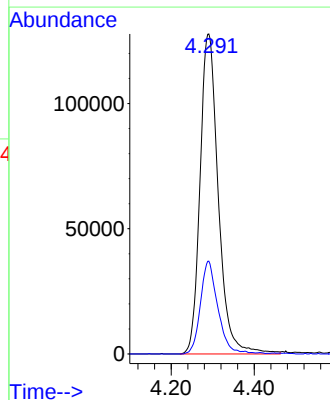
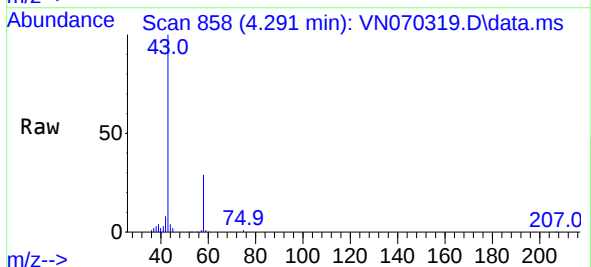
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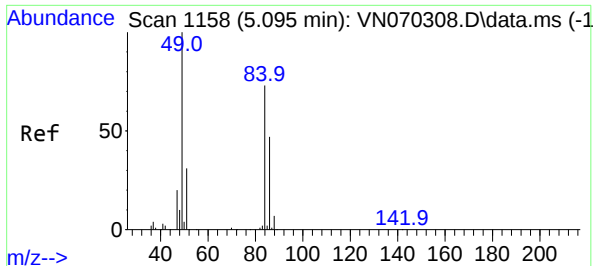
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#16
Acetone
Concen: 33.56 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

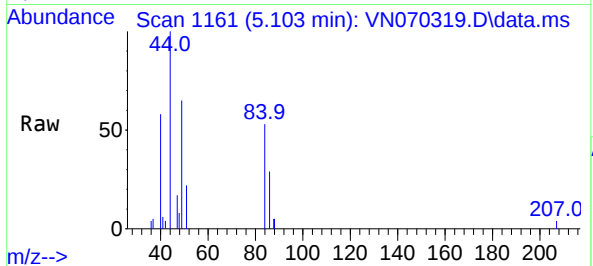
Tgt Ion: 43 Resp: 390667
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7





#20
Methylene Chloride
Concen: 0.39 ug/l m
RT: 5.103 min Scan# 1158
Delta R.T. 0.008 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

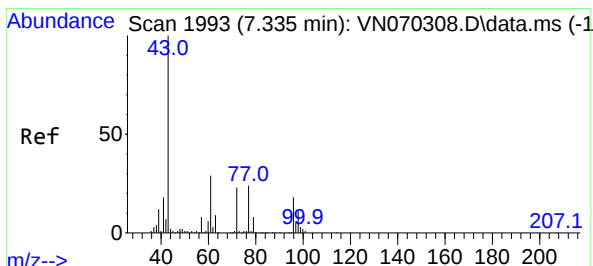
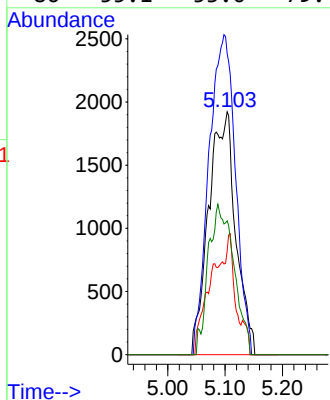
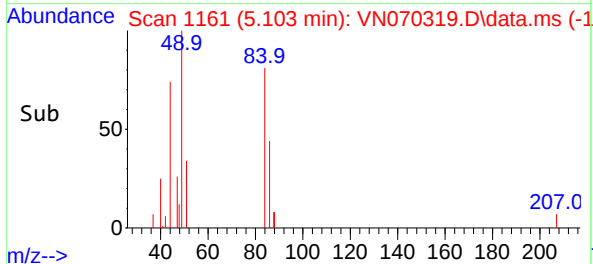
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Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 124.0 93.5 140.3
51 42.7 29.4 44.2
86 55.1 53.0 79.4

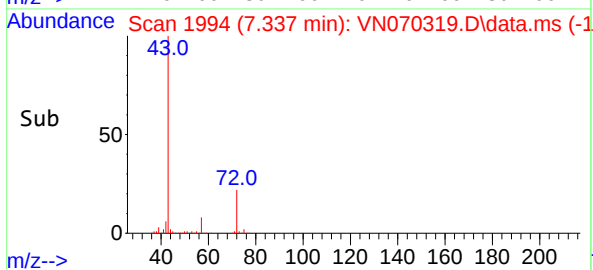
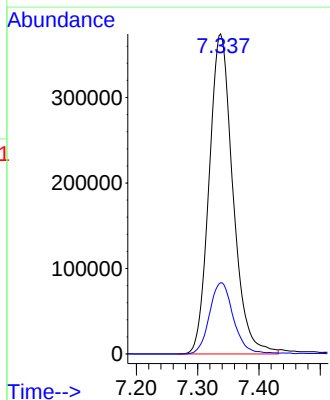
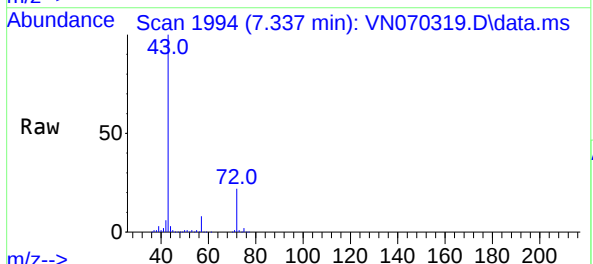
Manual Integrations
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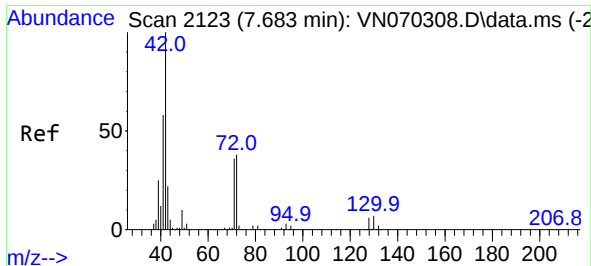
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#25
2-Butanone
Concen: 68.86 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

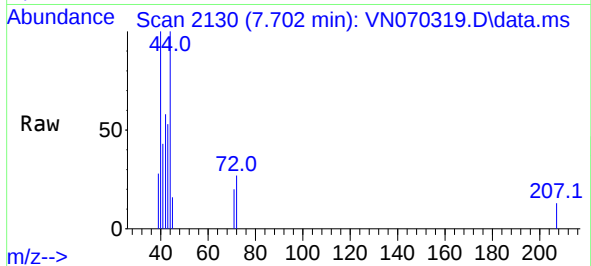
Tgt Ion: 43 Resp: 1009247
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5





#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 7.702 min Scan# 2123
Delta R.T. 0.019 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

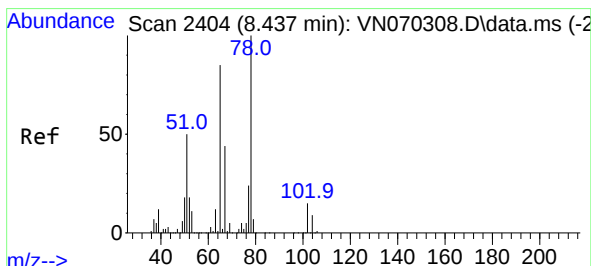
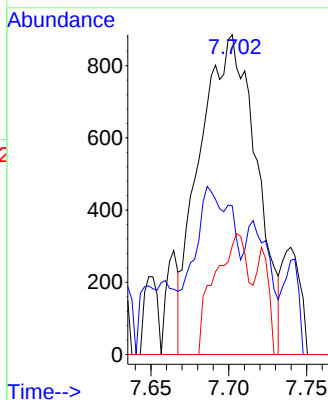
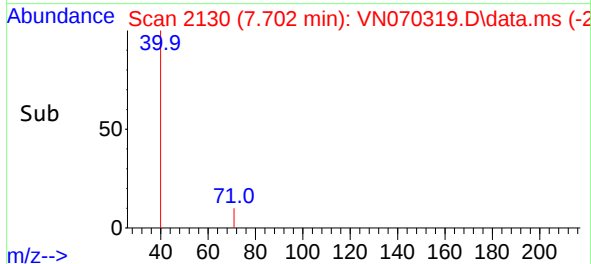
Instrument :
MSVOA_N
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Tgt Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
72 18.6 36.3 54.5
71 22.7 34.7 52.1

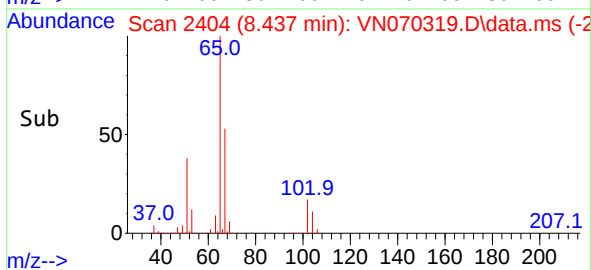
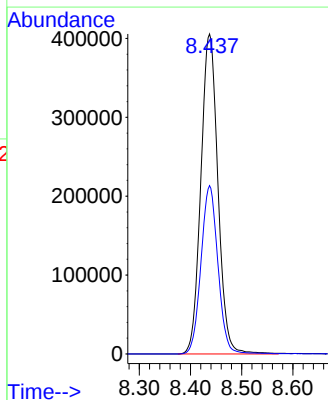
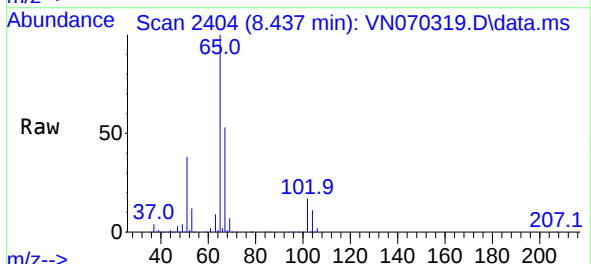
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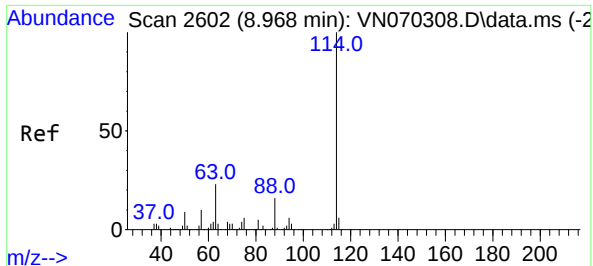
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#33
1,2-Dichloroethane-d4
Concen: 52.35 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

Tgt Ion: 65 Resp: 938677
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070319.D

Acq: 27 Dec 2021 19:26

Instrument :

MSVOA_N

ClientSampleId :

PATAPSCO-FEED-CAKE

Tgt Ion:114 Resp: 237115

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

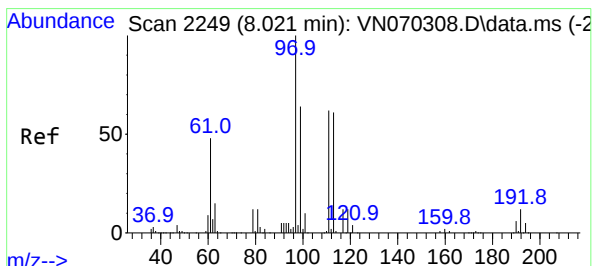
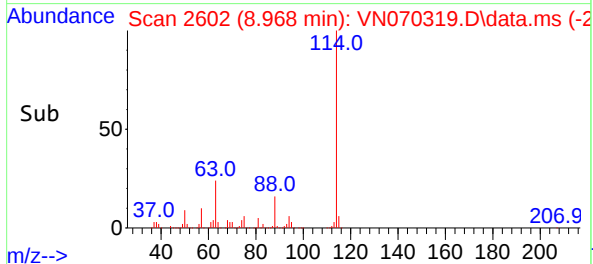
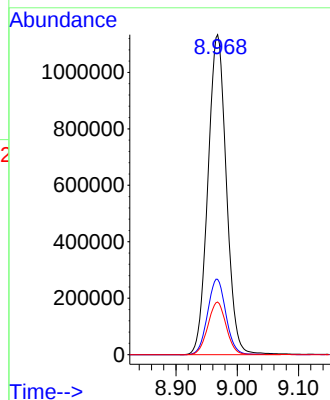
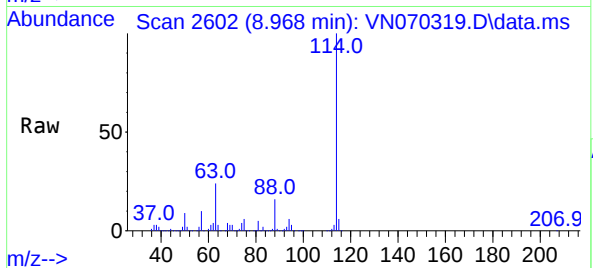
88 16.4 0.0 27.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/30/2021



#35

Dibromofluoromethane

Concen: 47.31 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070319.D

Acq: 27 Dec 2021 19:26

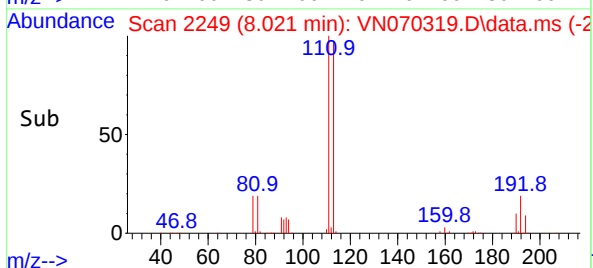
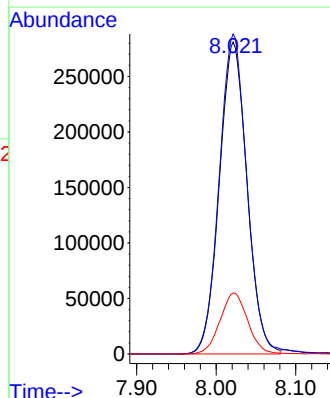
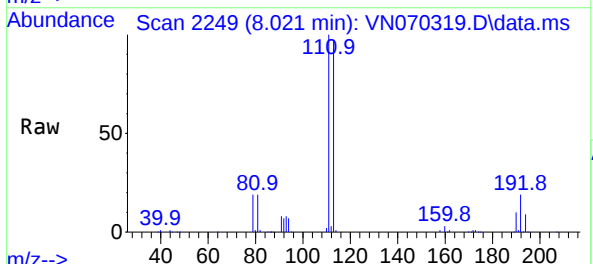
Tgt Ion:113 Resp: 678721

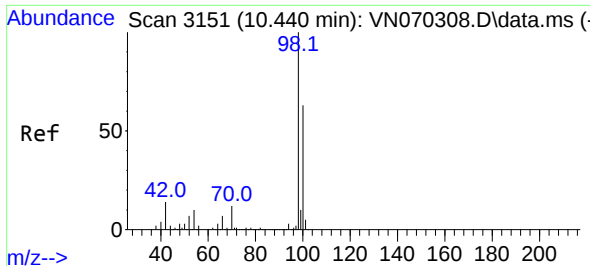
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

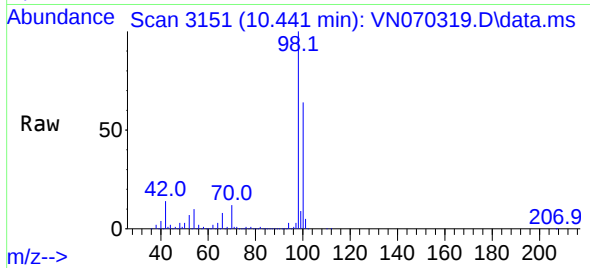
192 19.7 16.9 25.3





#50
Toluene-d8
Concen: 54.85 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

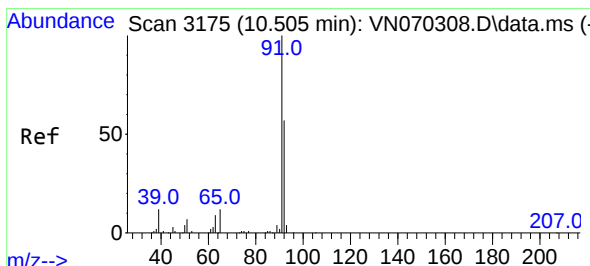
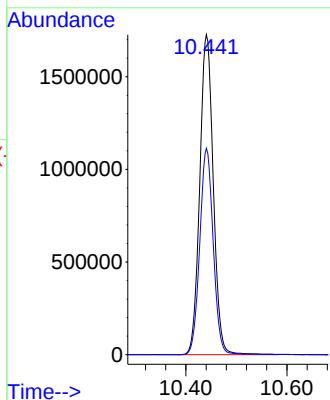
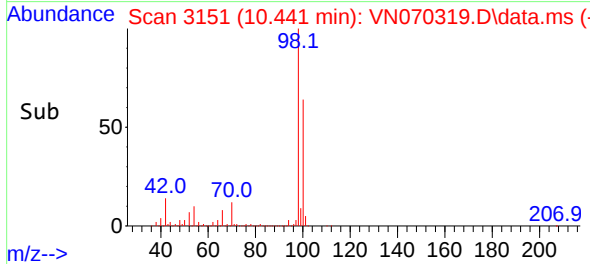
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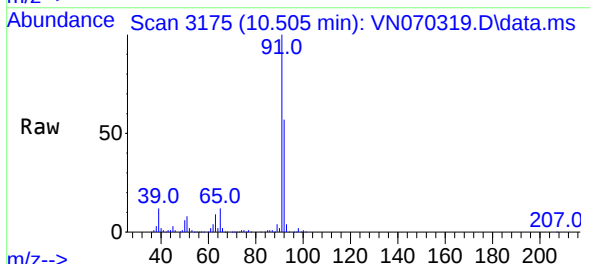
Tgt Ion: 98 Resp: 3214678
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

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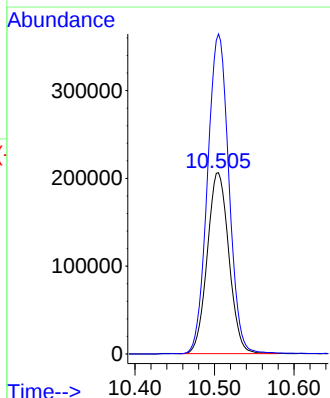
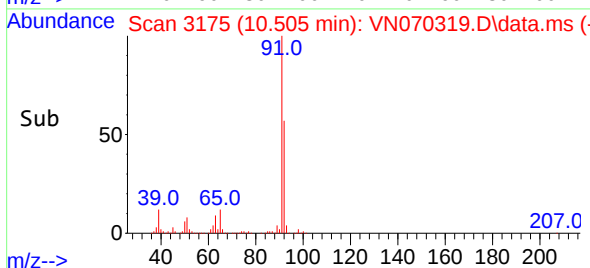
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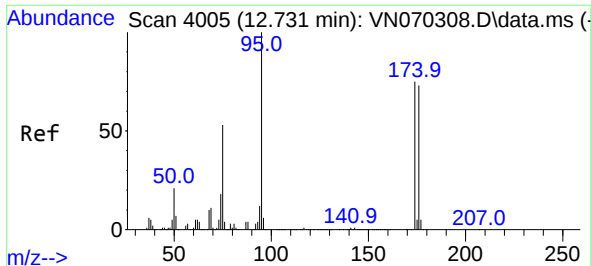


#52
Toluene
Concen: 8.86 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26



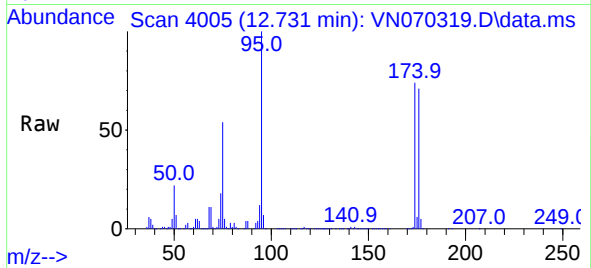
Tgt Ion: 92 Resp: 390285
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 69.14 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26

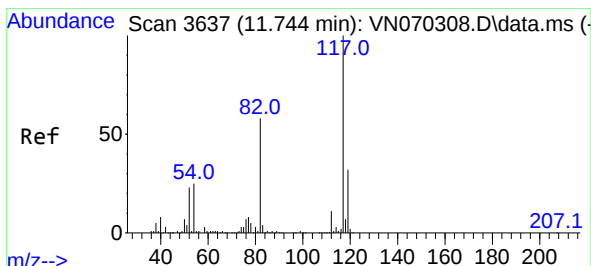
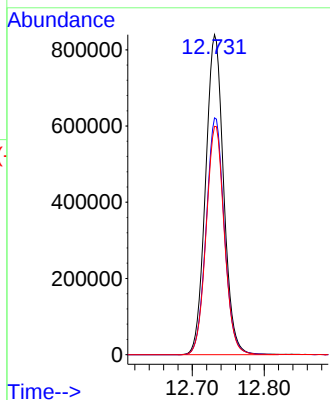
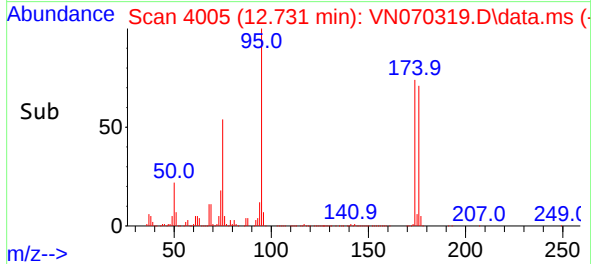
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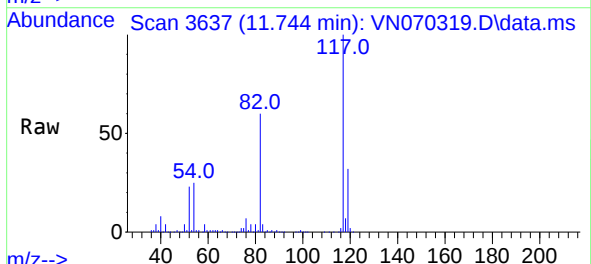
Tgt Ion: 95 Resp: 1463448
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.0 0.0 181.4

Manual Integrations
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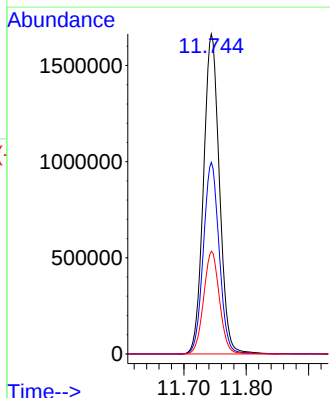
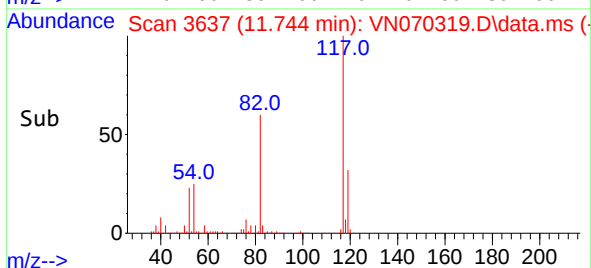
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070319.D
Acq: 27 Dec 2021 19:26



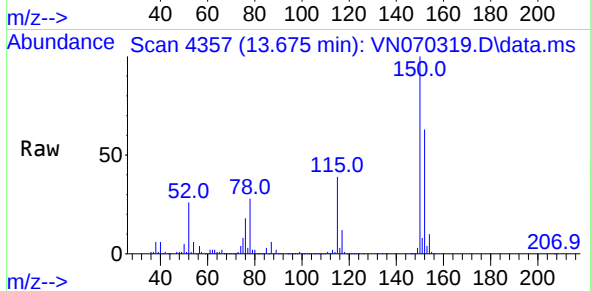
Tgt Ion:117 Resp: 2956076
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070319.D
 Acq: 27 Dec 2021 19:26

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Tgt Ion:152 Resp: 117546
 Ion Ratio Lower Upper
 152 100
 115 61.3 27.5 82.5
 150 158.0 0.0 344.4

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