

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070932.D
 Acq On : 3 Feb 2022 16:08
 Operator : JC/MD
 Sample : N1367-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31246

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 04 04:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.078	168	1058323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1624750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1328036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	656476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	639181	44.618	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.240%		
35) Dibromofluoromethane	8.016	113	455085	46.756	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.520%		
50) Toluene-d8	10.440	98	2073194	51.877	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.760%		
62) 4-Bromofluorobenzene	12.731	95	782969	54.374	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.740%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.453	83	1055526	54.302	ug/l	87
40) Benzene	8.450	78	52834	1.064	ug/l	97
52) Toluene	10.505	92	11353318	368.855	ug/l #	1
67) Ethyl Benzene	11.846	91	3780772	74.617	ug/l	96
68) m/p-Xylenes	11.950	106	4346249	231.505	ug/l	93
69) o-Xylene	12.280	106	2505306	133.335	ug/l	91
73) Isopropylbenzene	12.578	105	1518783	26.516	ug/l	98
78) n-propylbenzene	12.921	91	5525497	84.591	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	4939260	106.379	ug/l	97
84) 1,2,4-Trimethylbenzene	13.361	105	16342597m	359.931	ug/l	
85) sec-Butylbenzene	13.501	105	2625833	46.349	ug/l	91
86) p-Isopropyltoluene	13.616	119	1417713	31.734	ug/l	96
89) n-Butylbenzene	13.943	91	3370105	85.598	ug/l #	77
95) Naphthalene	15.504	128	1485645	43.642	ug/l #	95

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

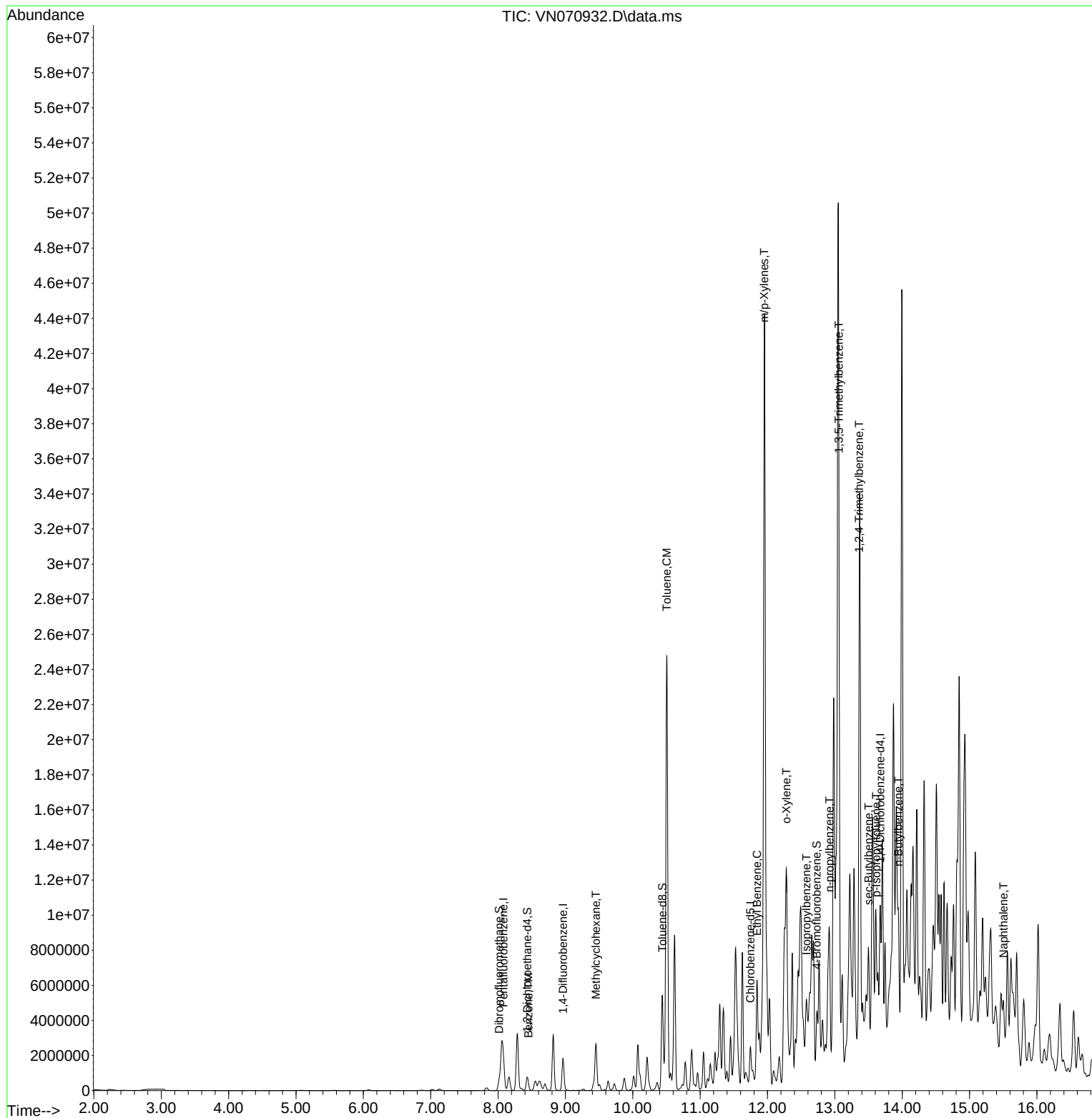
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
Data File : VN070932.D
Acq On : 3 Feb 2022 16:08
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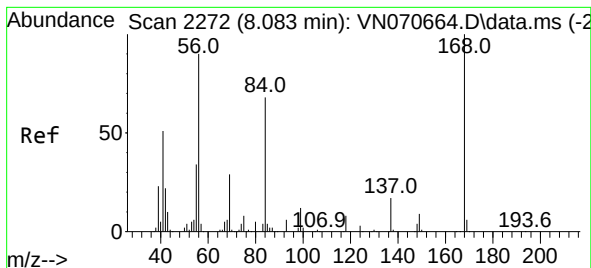
Instrument :
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ClientSampleId :
31246

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Quant Time: Feb 04 04:43:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.078 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN070932.D

Acq: 3 Feb 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

31246

Tgt Ion:168 Resp: 105832

Ion Ratio Lower Upper

168 100

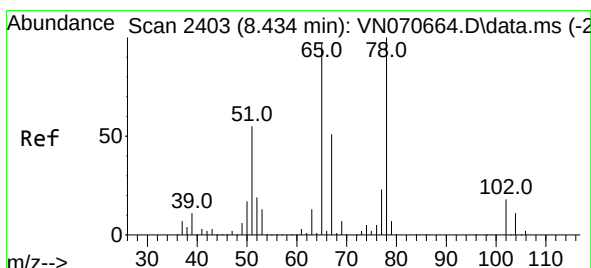
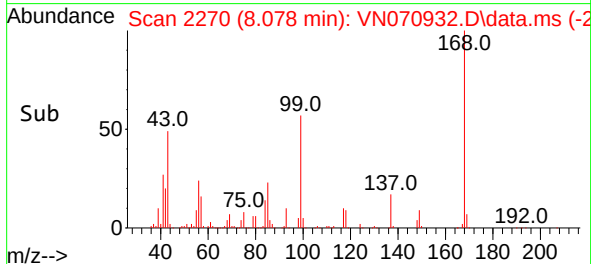
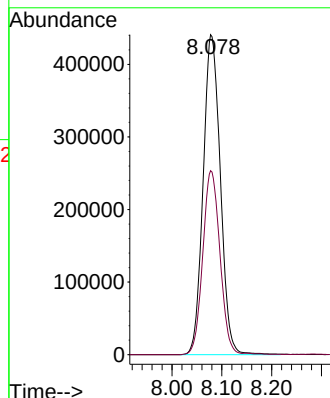
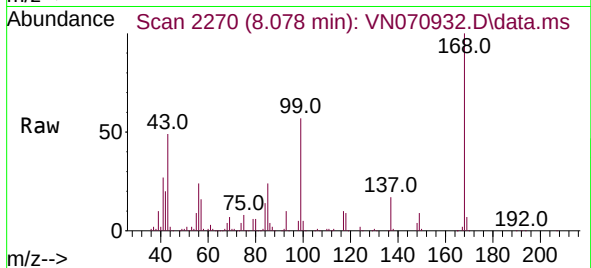
99 57.5 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#33

1,2-Dichloroethane-d4

Concen: 44.618 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN070932.D

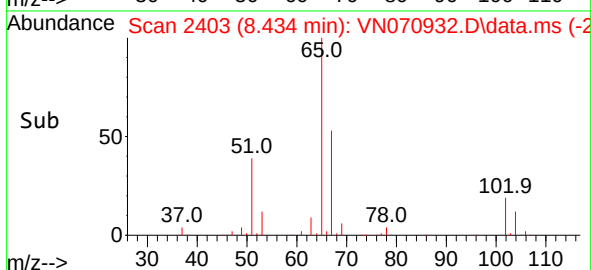
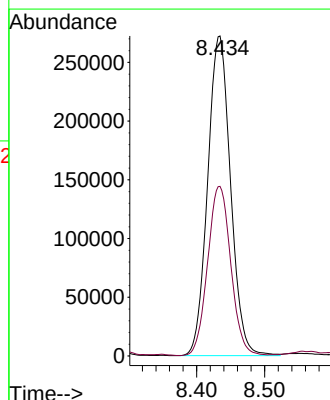
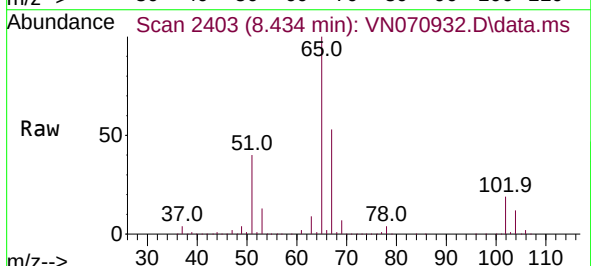
Acq: 3 Feb 2022 16:08

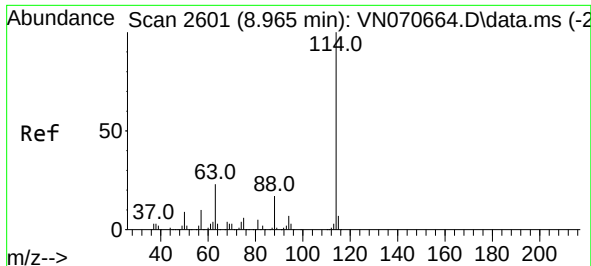
Tgt Ion: 65 Resp: 639181

Ion Ratio Lower Upper

65 100

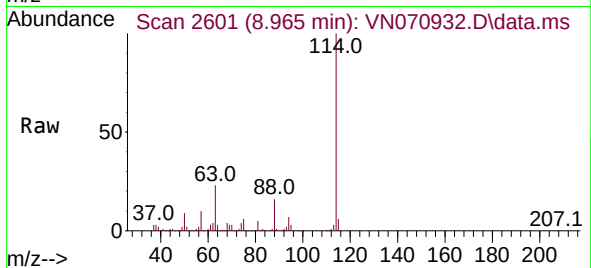
67 53.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

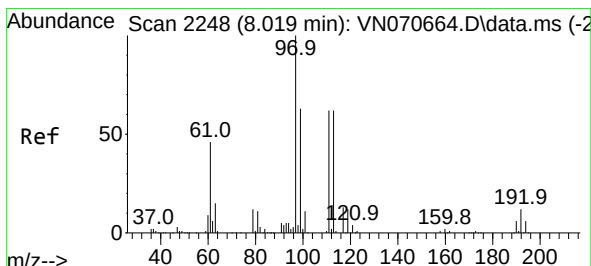
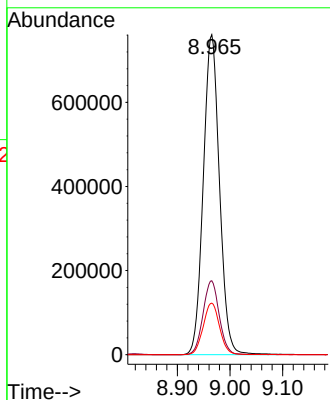
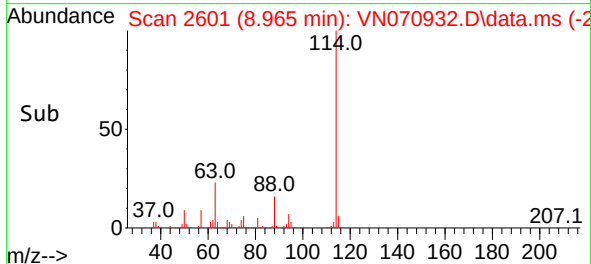
Instrument :
MSVOA_N
ClientSampleId :
31246



Tgt Ion:114 Resp: 1624750
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.1 0.0 27.4

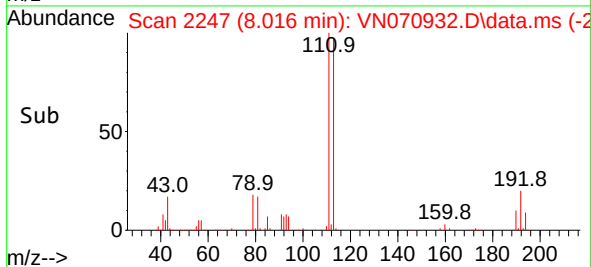
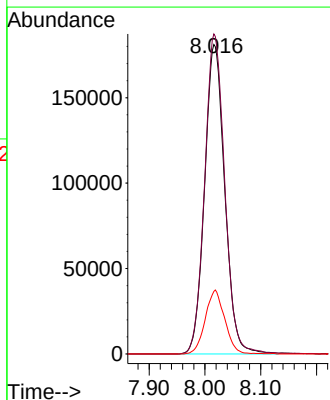
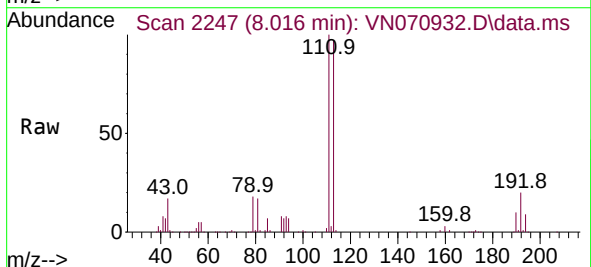
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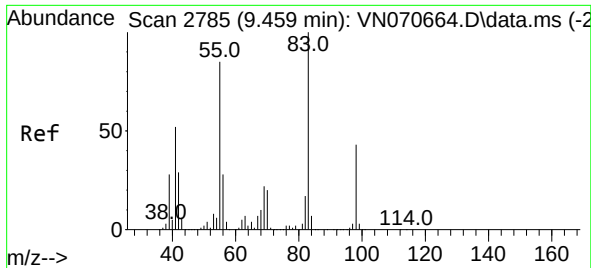
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#35
Dibromofluoromethane
Concen: 46.756 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Tgt Ion:113 Resp: 455085
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.0 16.9 25.3





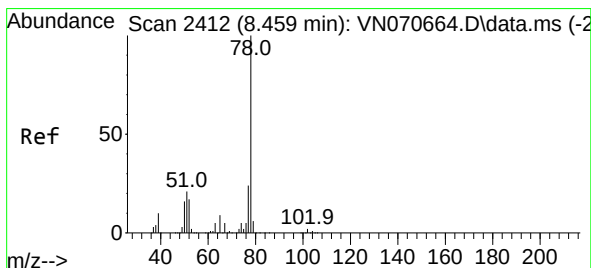
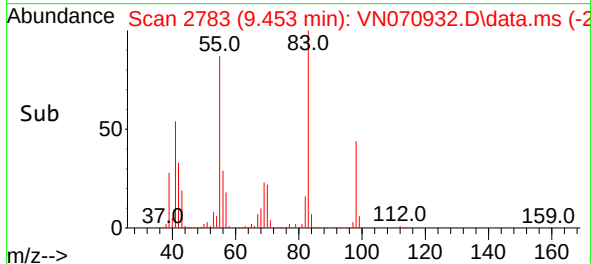
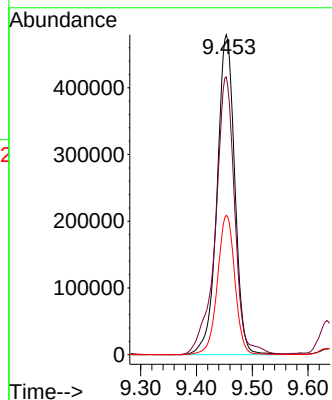
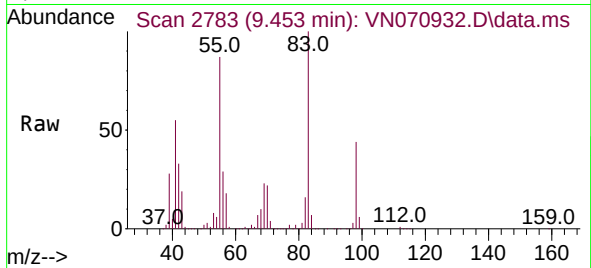
#39
Methylcyclohexane
Concen: 54.302 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
31246

Tgt Ion: 83 Resp: 1055520
Ion Ratio Lower Upper
83 100
55 86.7 58.1 87.1
98 43.6 38.4 57.6

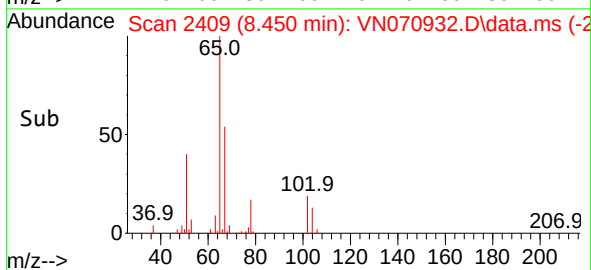
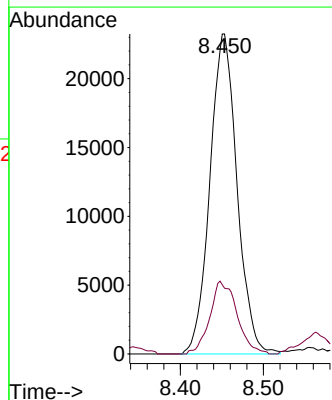
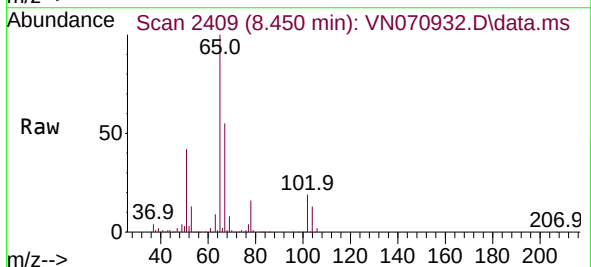
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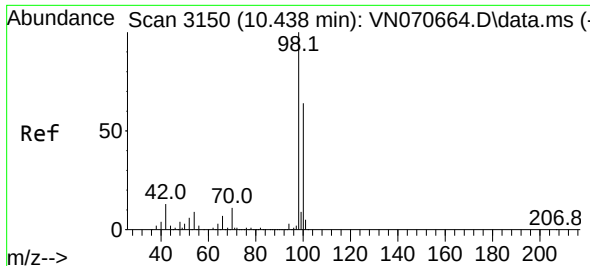
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#40
Benzene
Concen: 1.064 ug/l
RT: 8.450 min Scan# 2409
Delta R.T. -0.009 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

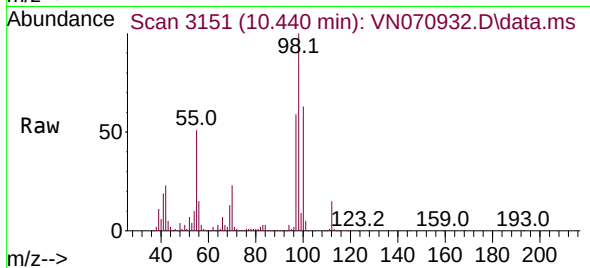
Tgt Ion: 78 Resp: 52834
Ion Ratio Lower Upper
78 100
77 21.7 18.6 27.8





#50
Toluene-d8
Concen: 51.877 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

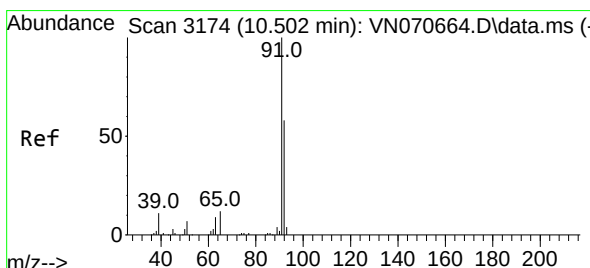
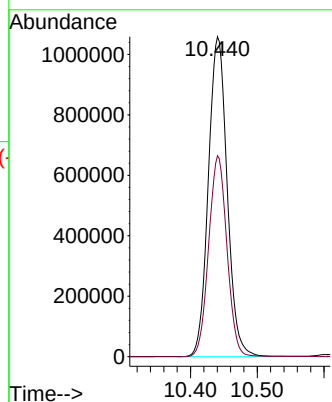
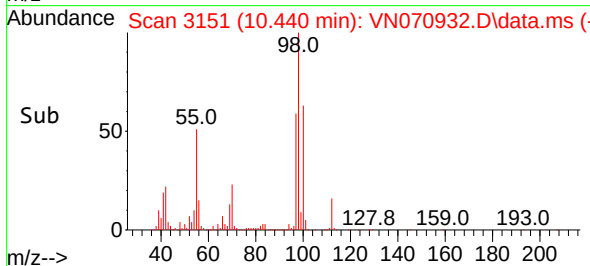
Instrument :
MSVOA_N
ClientSampleId :
31246



Tgt Ion: 98 Resp: 2073194
Ion Ratio Lower Upper
98 100
100 60.9 50.4 75.6

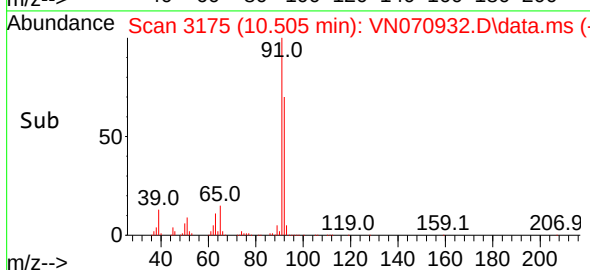
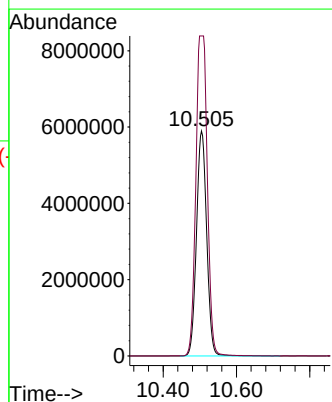
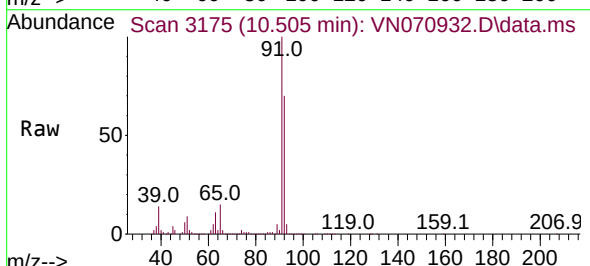
Manual Integrations
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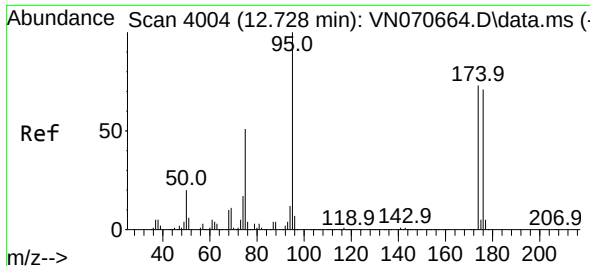
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#52
Toluene
Concen: 368.855 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

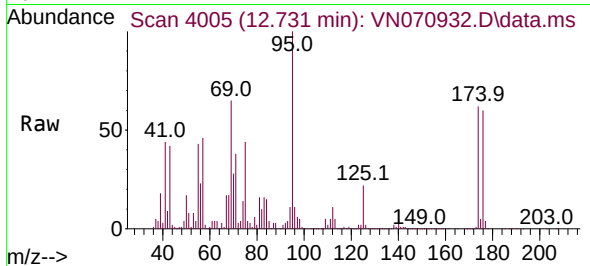
Tgt Ion: 92 Resp:11353318
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#





#62
4-Bromofluorobenzene
Concen: 54.374 ug/l
RT: 12.731 min Scan# 4004
Delta R.T. -0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

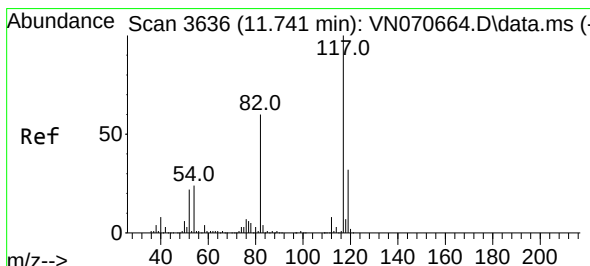
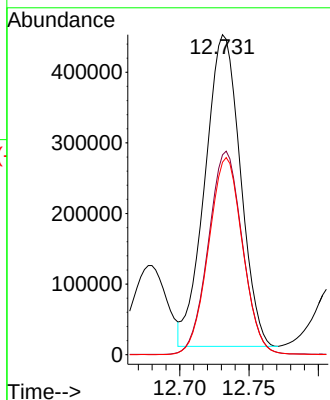
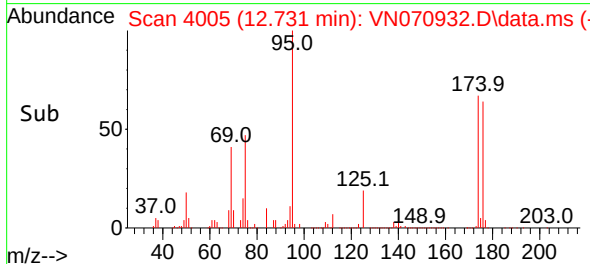
Instrument :
MSVOA_N
ClientSampleId :
31246



Tgt Ion: 95 Resp: 782969
Ion Ratio Lower Upper
95 100
174 63.0 0.0 187.2
176 61.2 0.0 181.4

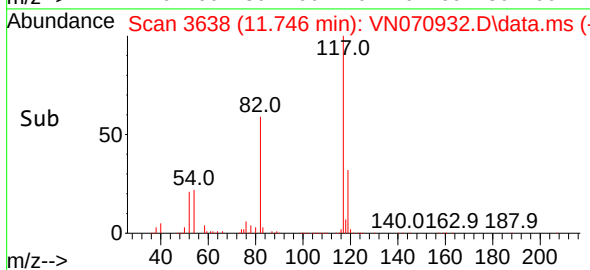
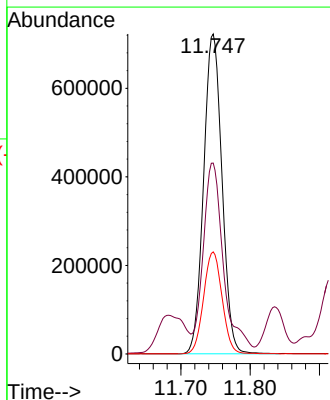
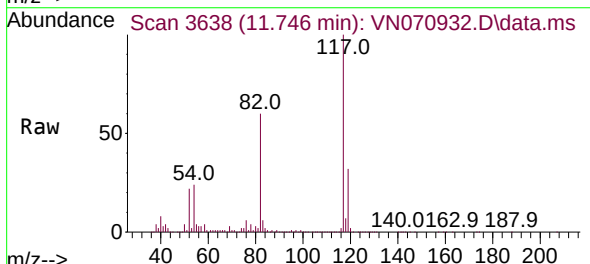
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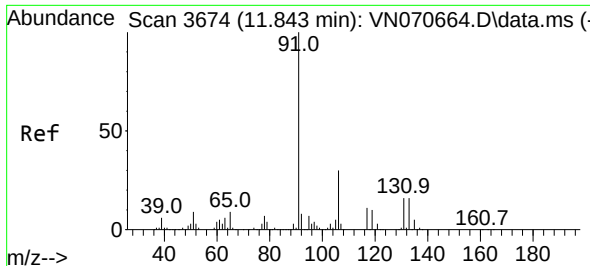
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Tgt Ion:117 Resp: 1328036
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 31.9 25.4 38.2





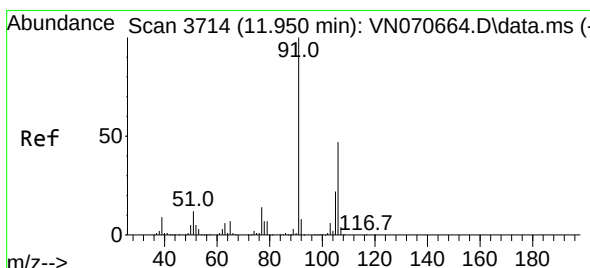
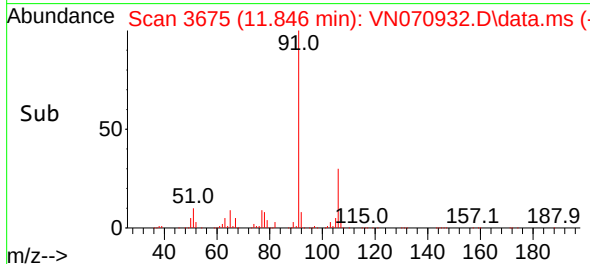
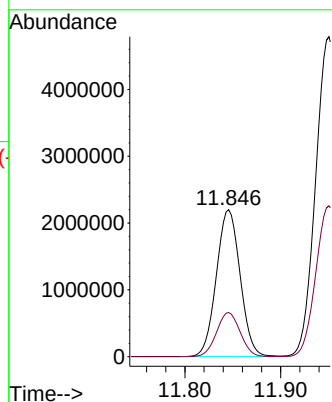
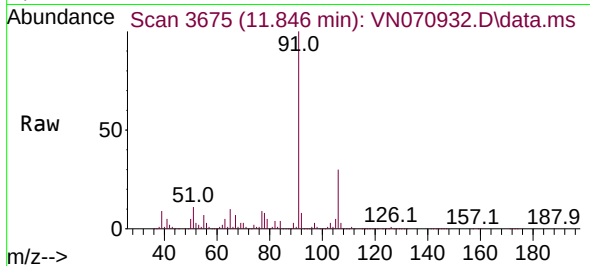
#67
Ethyl Benzene
Concen: 74.617 ug/l
RT: 11.846 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
31246

Tgt Ion: 91 Resp: 3780772
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

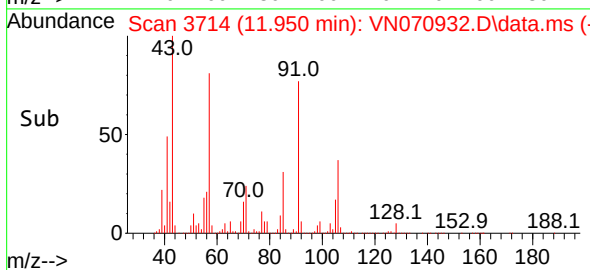
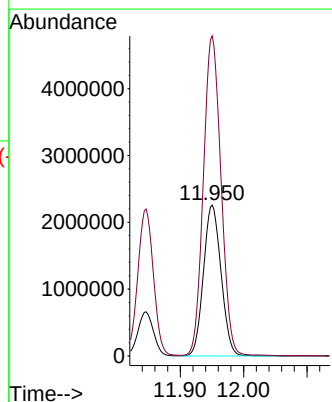
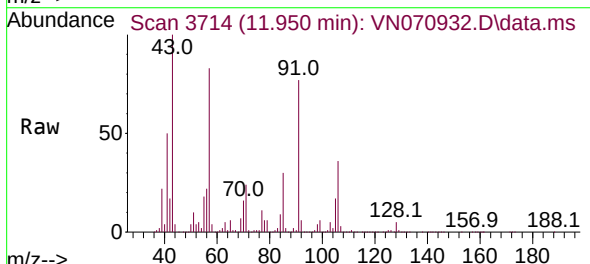
Manual Integrations
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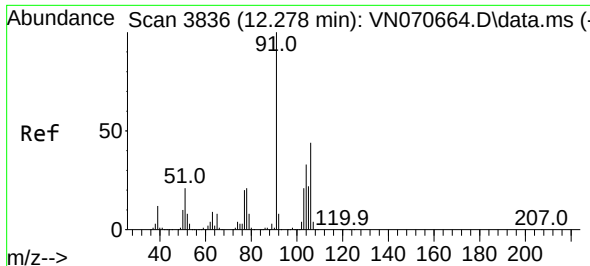
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#68
m/p-Xylenes
Concen: 231.505 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Tgt Ion:106 Resp: 4346249
Ion Ratio Lower Upper
106 100
91 211.9 160.6 240.8





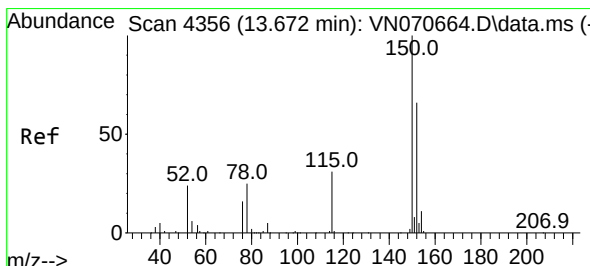
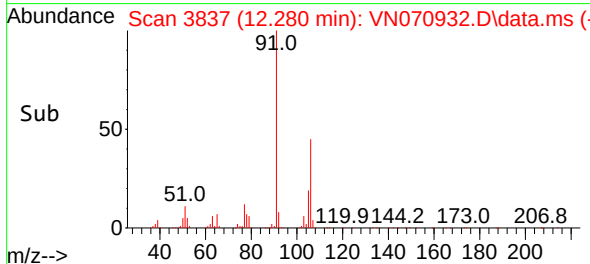
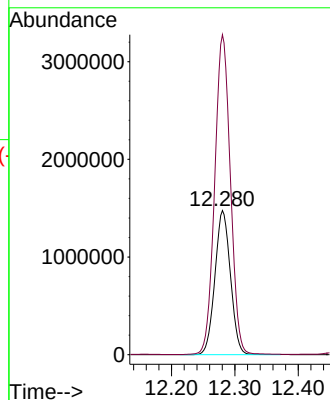
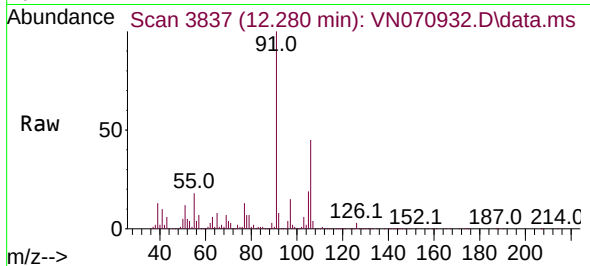
#69
o-Xylene
Concen: 133.335 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
31246

Tgt Ion:106 Resp: 2505300
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3

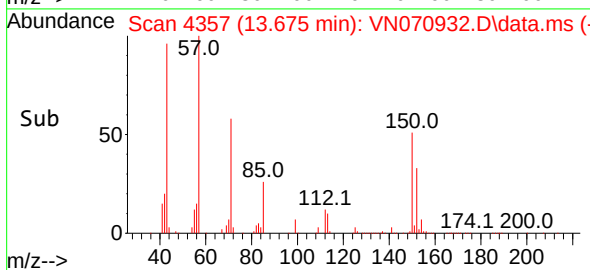
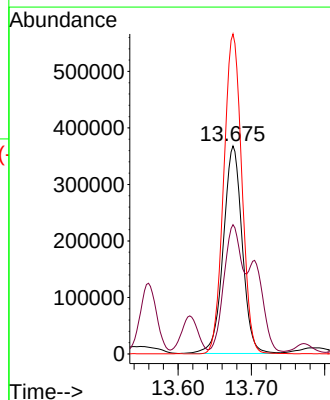
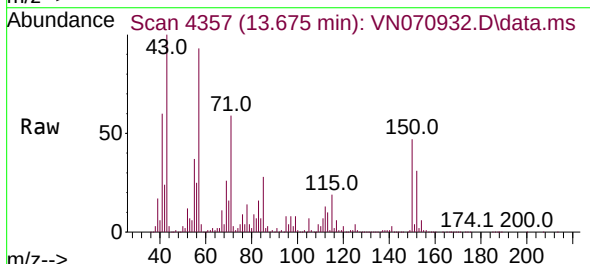
Manual Integrations
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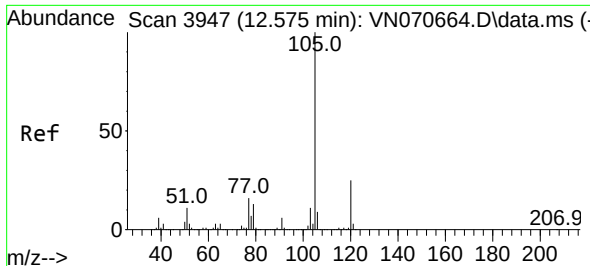
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

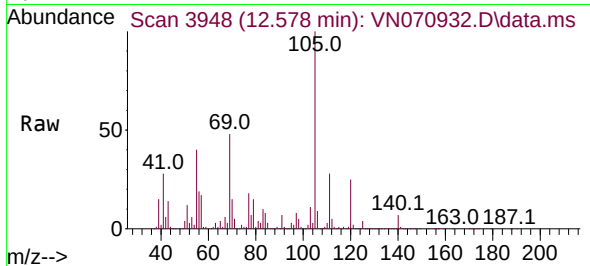
Tgt Ion:152 Resp: 656476
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 147.6 0.0 344.4





#73
Isopropylbenzene
Concen: 26.516 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

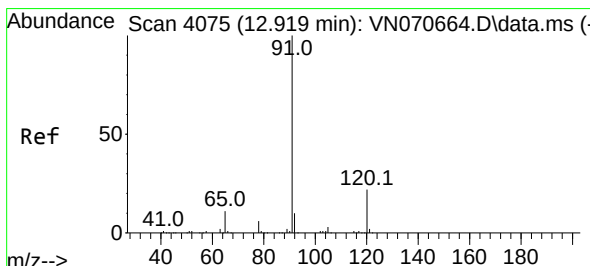
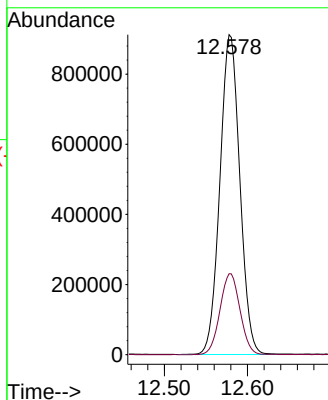
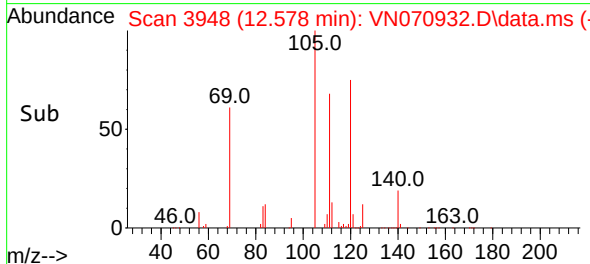
Instrument :
MSVOA_N
ClientSampleId :
31246



Tgt Ion:105 Resp: 151878
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

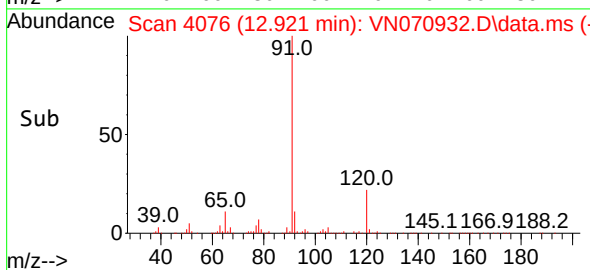
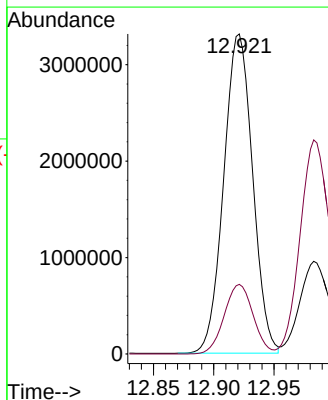
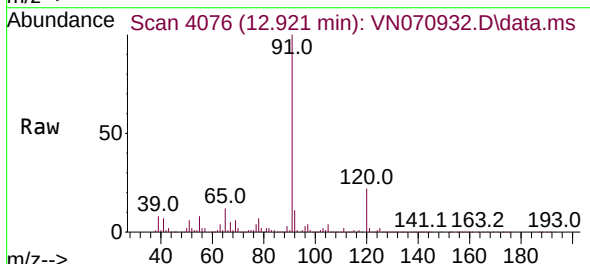
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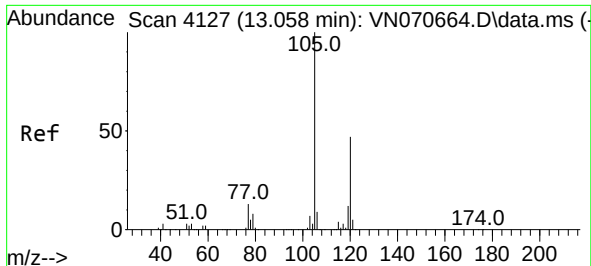
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#78
n-propylbenzene
Concen: 84.591 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

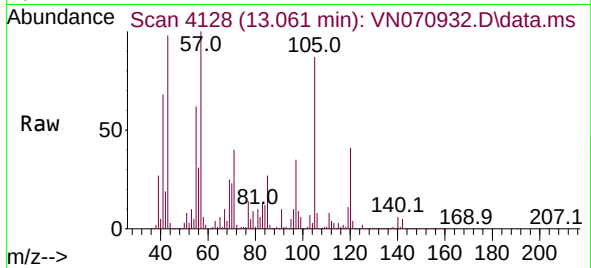
Tgt Ion: 91 Resp: 5525497
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#80
1,3,5-Trimethylbenzene
Concen: 106.379 ug/l
RT: 13.061 min Scan# 4127
Delta R.T. 0.003 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

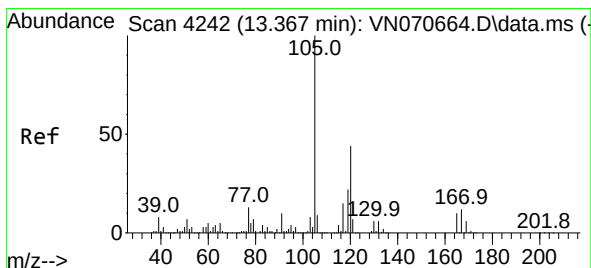
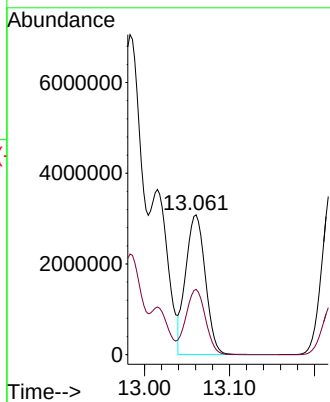
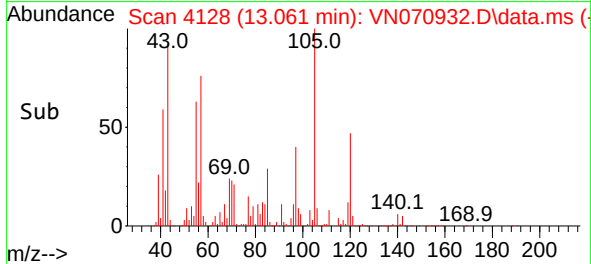
Instrument :
MSVOA_N
ClientSampleId :
31246



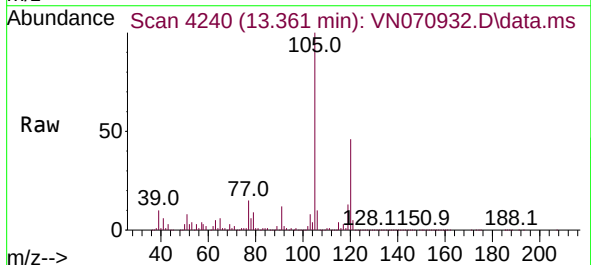
Tgt Ion:105 Resp: 4939260
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6

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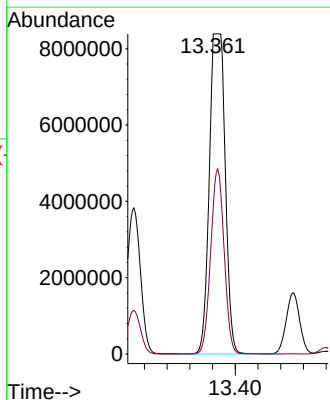
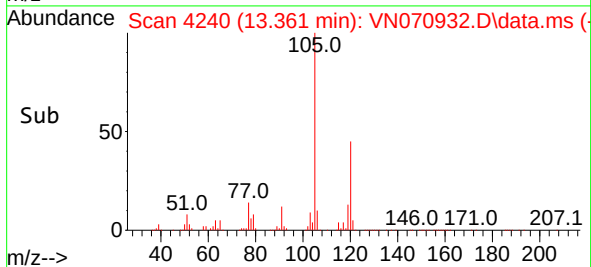
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

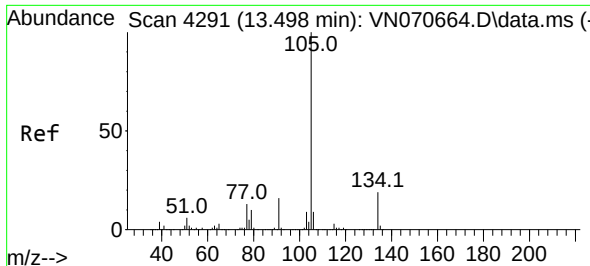


#84
1,2,4-Trimethylbenzene
Concen: 359.931 ug/l m
RT: 13.361 min Scan# 4240
Delta R.T. -0.006 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08



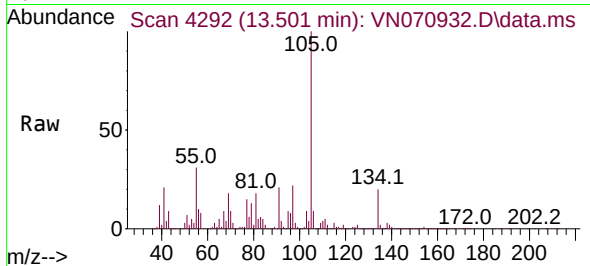
Tgt Ion:105 Resp:16342597
Ion Ratio Lower Upper
105 100
120 11.6 22.8 68.4#





#85
 sec-Butylbenzene
 Concen: 46.349 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070932.D
 Acq: 3 Feb 2022 16:08

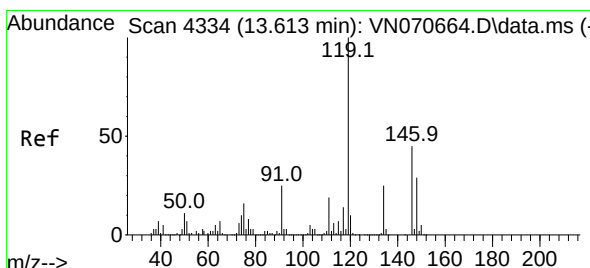
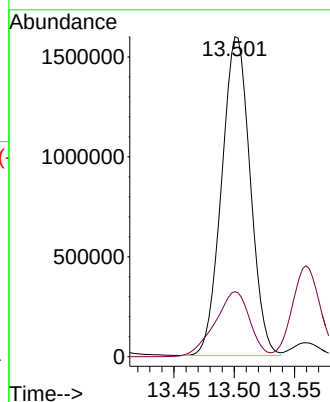
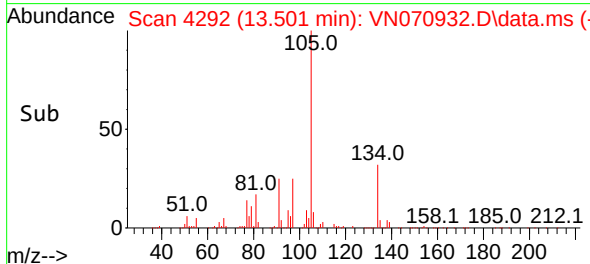
Instrument :
 MSVOA_N
 ClientSampleId :
 31246



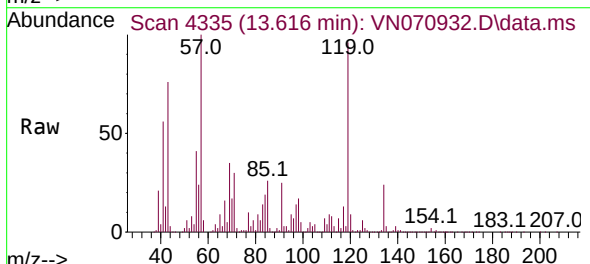
Tgt Ion:105 Resp: 262583
 Ion Ratio Lower Upper
 105 100
 134 25.0 10.4 31.1

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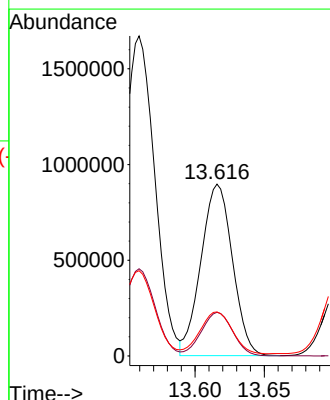
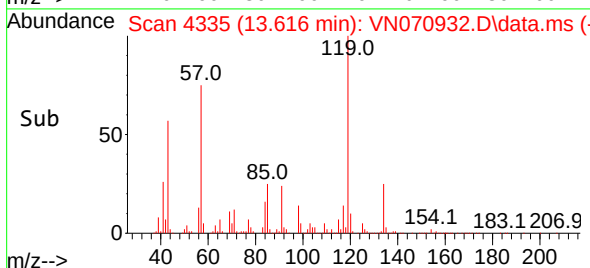
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

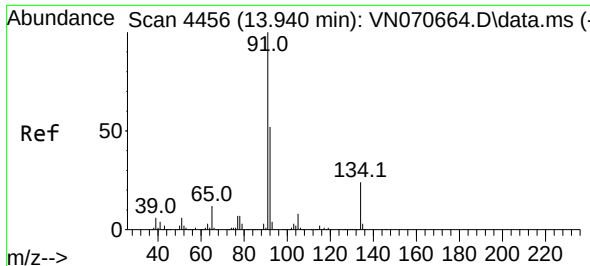


#86
 p-Isopropyltoluene
 Concen: 31.734 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070932.D
 Acq: 3 Feb 2022 16:08



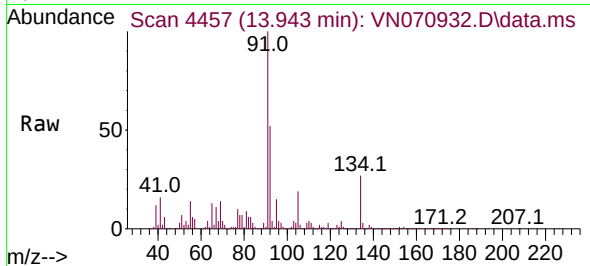
Tgt Ion:119 Resp: 1417713
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 24.6 11.4 34.1





#89
n-Butylbenzene
Concen: 85.598 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.002 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

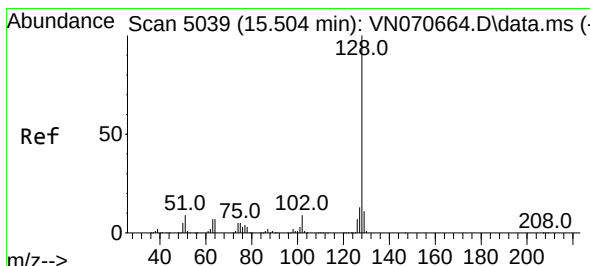
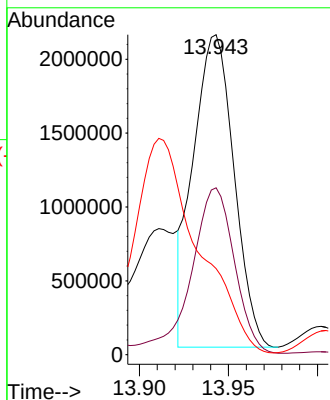
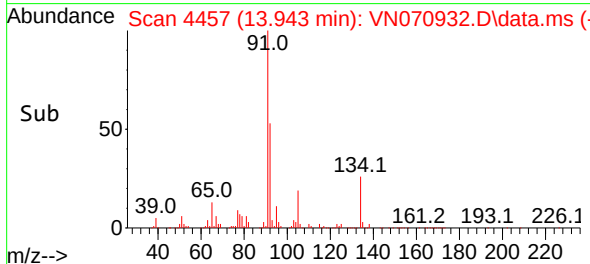
Instrument :
MSVOA_N
ClientSampleId :
31246



Tgt Ion: 91 Resp: 337010
Ion Ratio Lower Upper
91 100
92 56.2 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#95
Naphthalene
Concen: 43.642 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070932.D
Acq: 3 Feb 2022 16:08

Tgt Ion:128 Resp: 1485645
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 8.6 8.7 13.1

