

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072281.D
 Acq On : 29 Apr 2022 19:46
 Operator : JC\MD
 Sample : N2617-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 05/02/2022

Supervised By :Mahesh
 Dadoda
 05/02/2022

Quant Time: Apr 30 03:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	192246	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	324681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	300851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	129378	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	175585	59.492	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.980%			
35) Dibromofluoromethane	8.022	113	112521	54.145	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.300%			
50) Toluene-d8	10.439	98	435835	53.373	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.740%			
62) 4-Bromofluorobenzene	12.727	95	167853	61.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.860%			
Target Compounds						Qvalue
16) Acetone	4.275	43	52237	41.052	ug/l #	70
25) 2-Butanone	7.334	43	20545	10.138	ug/l #	84
31) Cyclohexane	8.092	56	279590	70.898	ug/l	95
39) Methylcyclohexane	9.457	83	249758	73.824	ug/l	95
52) Toluene	10.498	92	221328	39.459	ug/l	99
67) Ethyl Benzene	11.839	91	4194410	395.662	ug/l	96
68) m/p-Xylenes	11.945	106	4779679	1214.171	ug/l	84
69) o-Xylene	12.274	106	935315	245.084	ug/l	83
73) Isopropylbenzene	12.574	105	1286867	112.619	ug/l	96
78) n-propylbenzene	12.916	91	4063660	322.815	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	3045102	319.989	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	11175233	1213.727	ug/l	93
85) sec-Butylbenzene	13.498	105	220188m	20.214	ug/l	
86) p-Isopropyltoluene	13.610	119	81314m	9.575	ug/l	
89) n-Butylbenzene	13.933	91	259309	39.864	ug/l #	78
95) Naphthalene	15.498	128	4834963	663.773	ug/l	100

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

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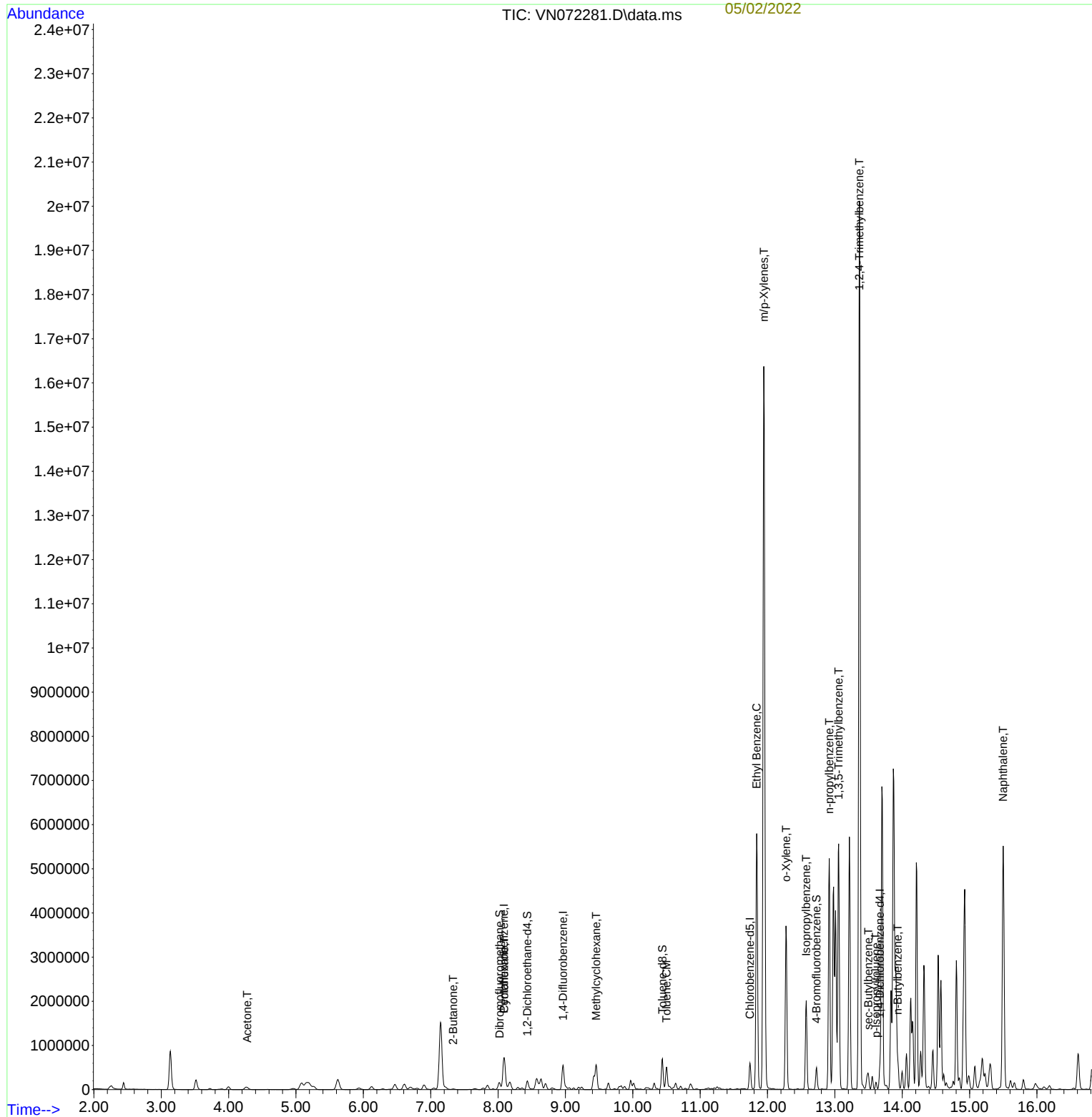
Instrument :
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ClientSampleId :
MW-1

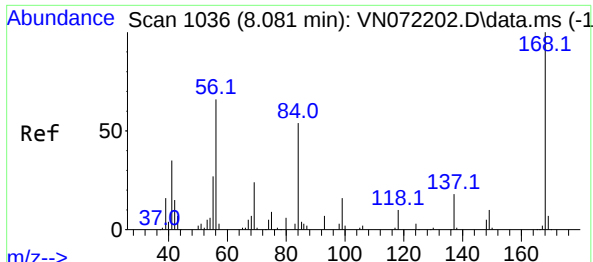
Quant Time: Apr 30 03:17:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

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Reviewed By :John
Carlone
05/02/2022

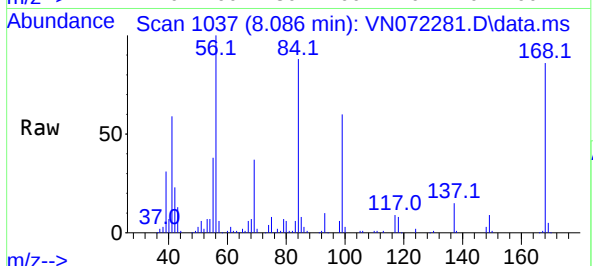
Supervised By :Mahesh
Dadoda
05/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

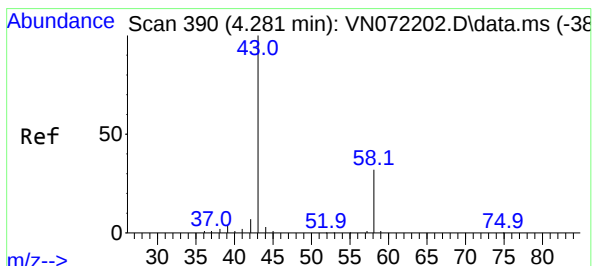
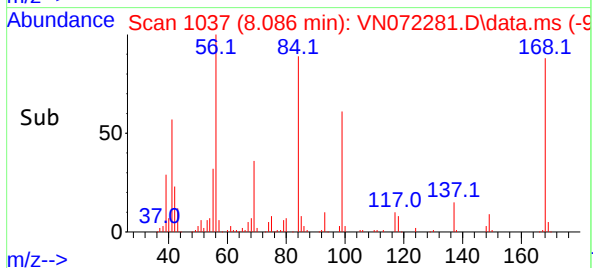
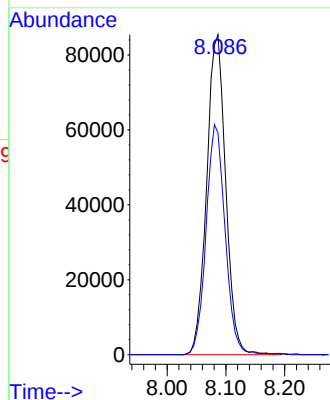


Tgt Ion:168 Resp: 192240
Ion Ratio Lower Upper
168 100
99 69.3 42.3 63.5

Manual Integrations
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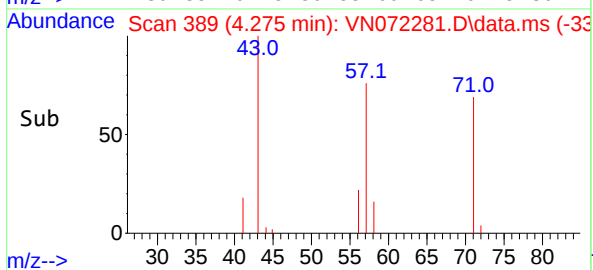
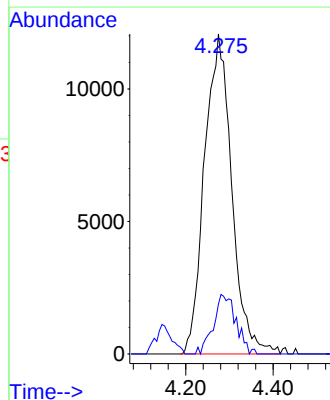
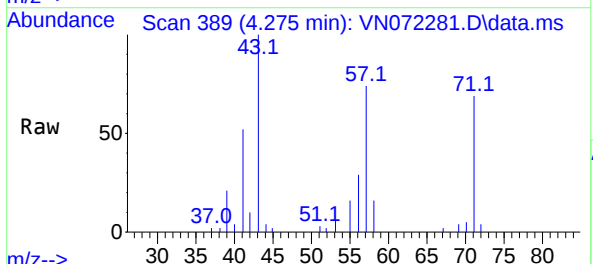
Reviewed By :John
Carlone
05/02/2022

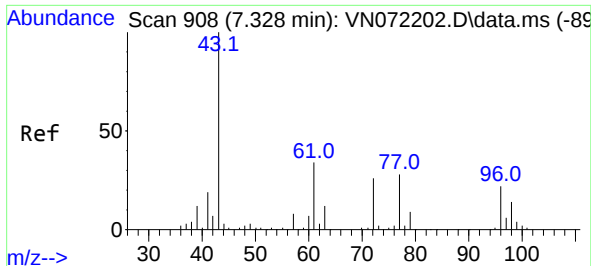
Supervised By :Mahesh
Dadoda
05/02/2022



#16
Acetone
Concen: 41.052 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

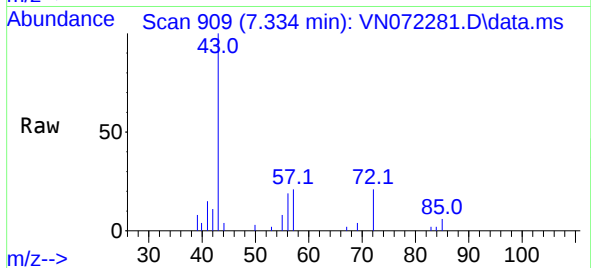
Tgt Ion: 43 Resp: 52237
Ion Ratio Lower Upper
43 100
58 15.6 26.0 39.0





#25
2-Butanone
Concen: 10.138 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
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ClientSampleId :
MW-1

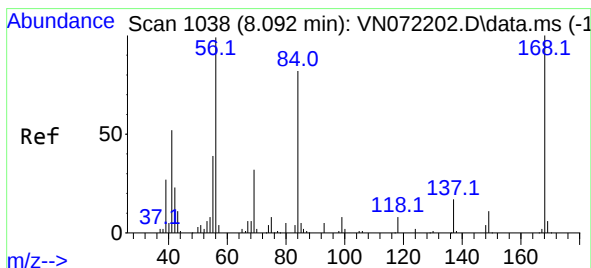
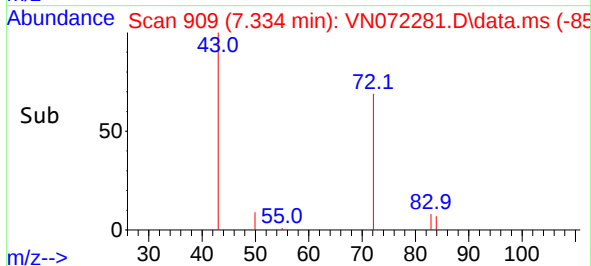
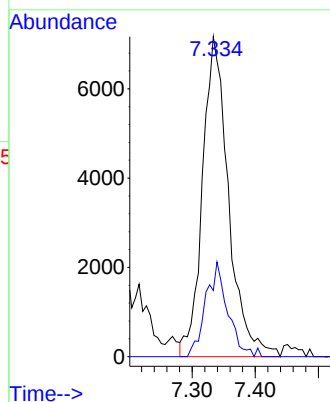


Tgt Ion: 43 Resp: 20549
Ion Ratio Lower Upper
43 100
72 20.7 23.7 35.5

Manual Integrations
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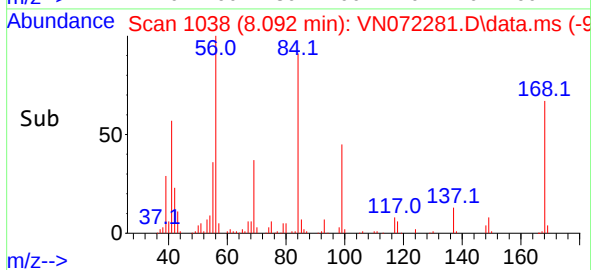
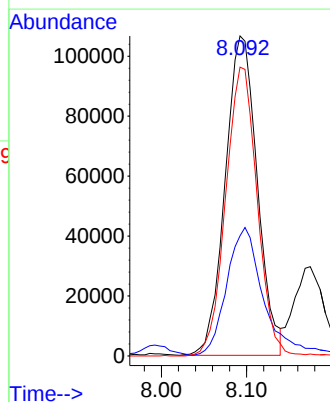
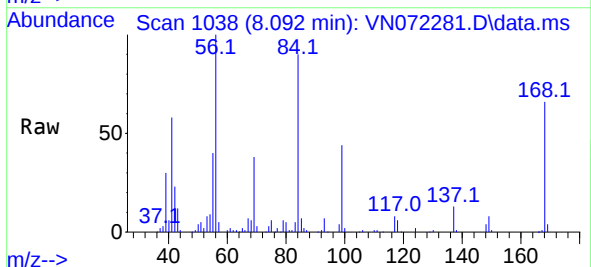
Reviewed By :John
Carlone
05/02/2022

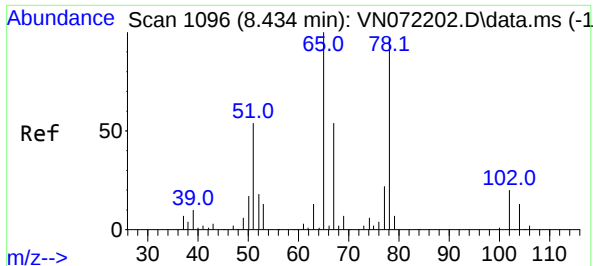
Supervised By :Mahesh
Dadoda
05/02/2022



#31
Cyclohexane
Concen: 70.898 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

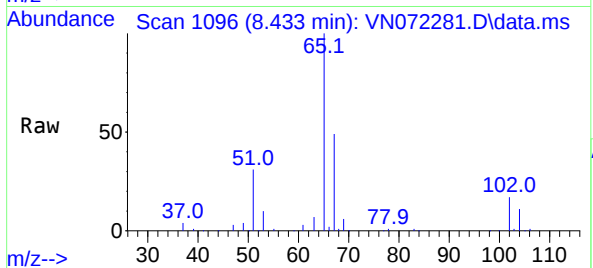
Tgt Ion: 56 Resp: 279590
Ion Ratio Lower Upper
56 100
69 36.7 27.8 41.8
84 90.4 76.9 115.3





#33
1,2-Dichloroethane-d4
Concen: 59.492 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

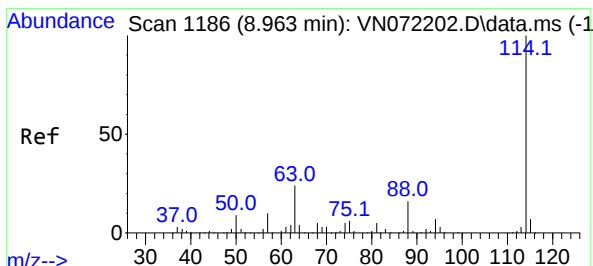
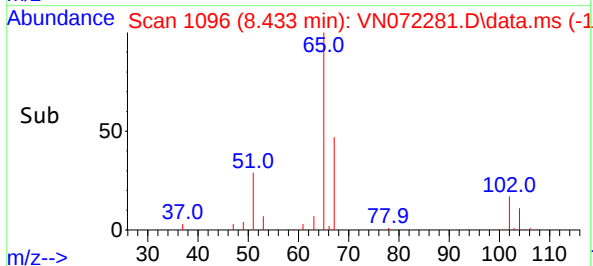
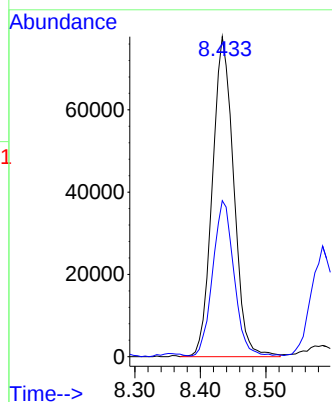


Tgt Ion: 65 Resp: 17558
Ion Ratio Lower Upper
65 100
67 48.2 0.0 104.8

Manual Integrations
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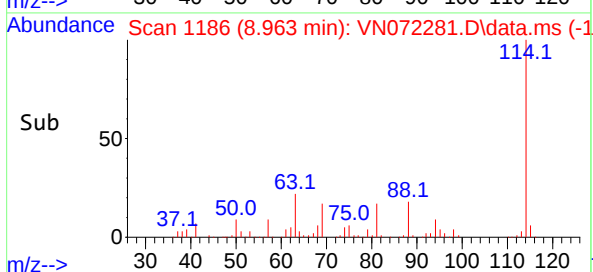
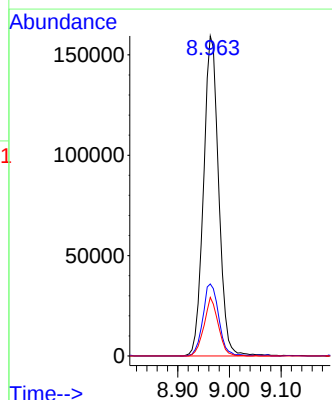
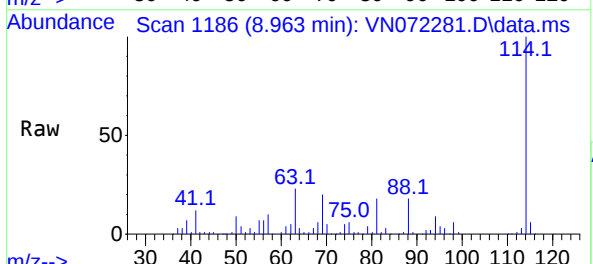
Reviewed By :John
Carlone
05/02/2022

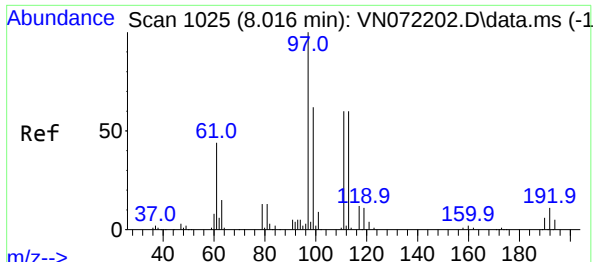
Supervised By :Mahesh
Dadoda
05/02/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

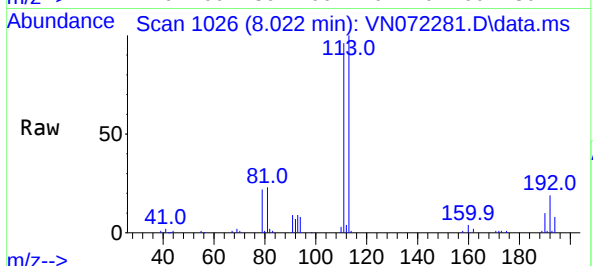
Tgt Ion:114 Resp: 324681
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 18.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.145 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

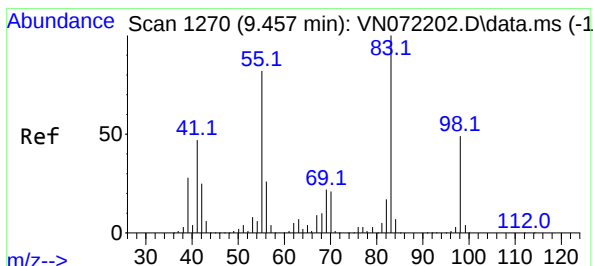
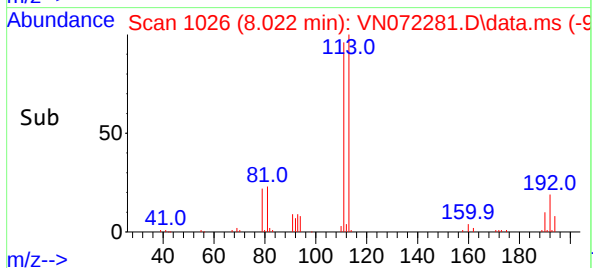
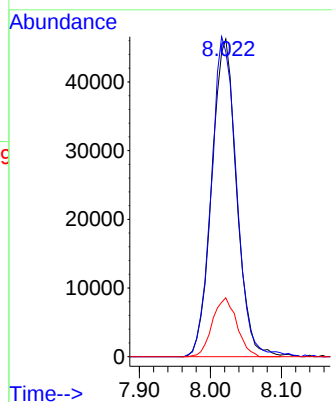


Tgt Ion: 113 Resp: 11252
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
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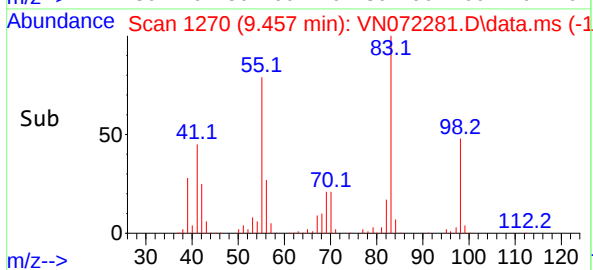
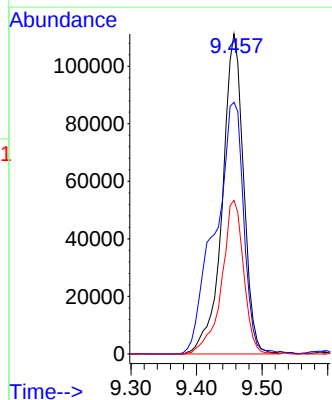
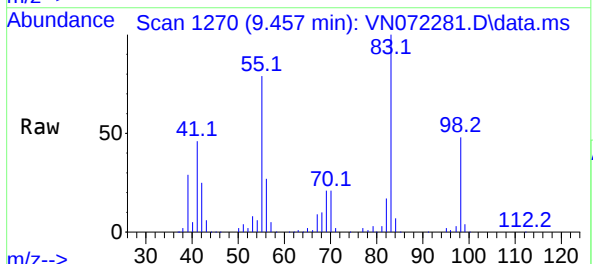
Reviewed By :John
Carlone
05/02/2022

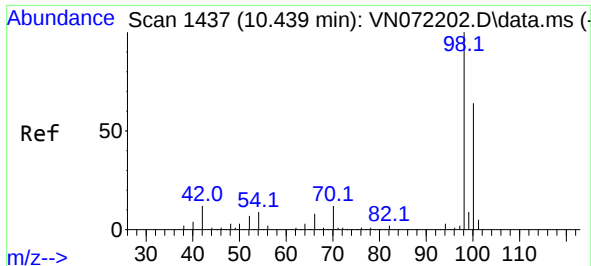
Supervised By :Mahesh
Dadoda
05/02/2022



#39
Methylcyclohexane
Concen: 73.824 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

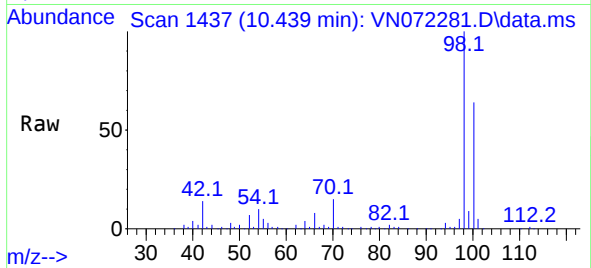
Tgt Ion: 83 Resp: 249758
Ion Ratio Lower Upper
83 100
55 78.6 57.8 86.8
98 48.0 39.4 59.2





#50
Toluene-d8
Concen: 53.373 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
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ClientSampleId :
MW-1

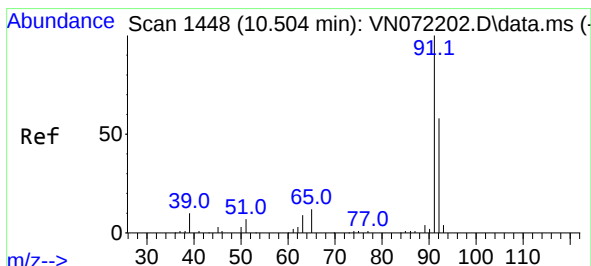
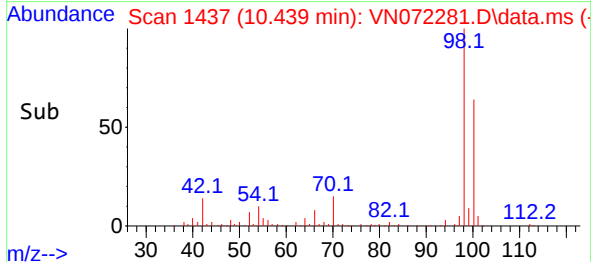
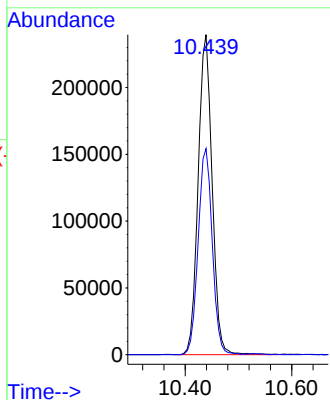


Tgt Ion: 98 Resp: 43583
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

Manual Integrations
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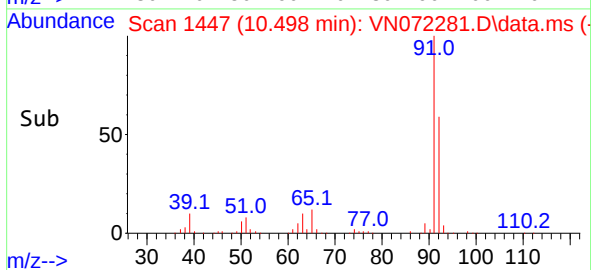
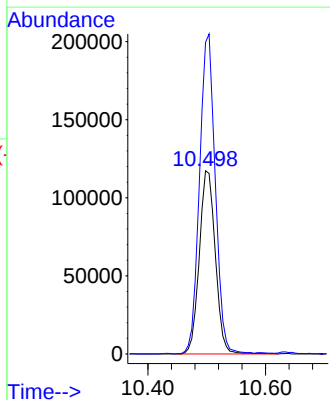
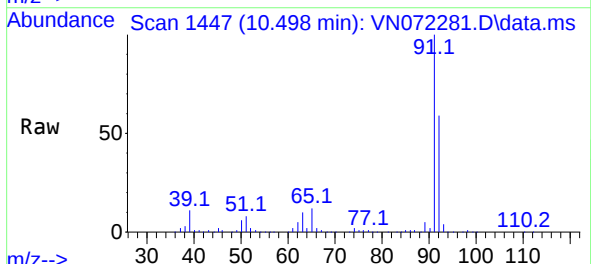
Reviewed By :John
Carlone
05/02/2022

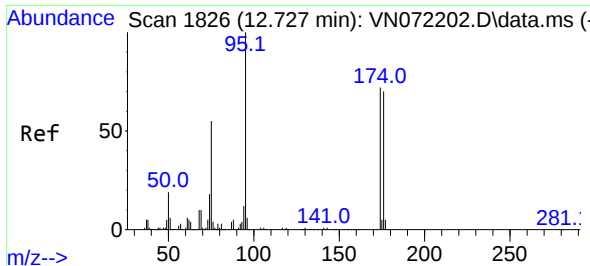
Supervised By :Mahesh
Dadoda
05/02/2022



#52
Toluene
Concen: 39.459 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

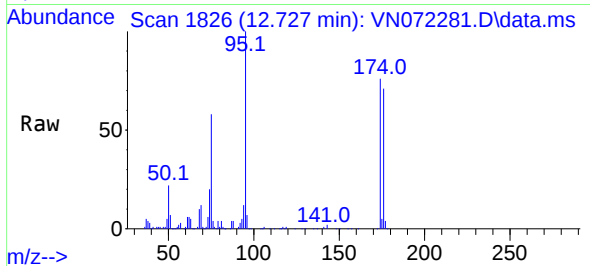
Tgt Ion: 92 Resp: 221328
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 61.929 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

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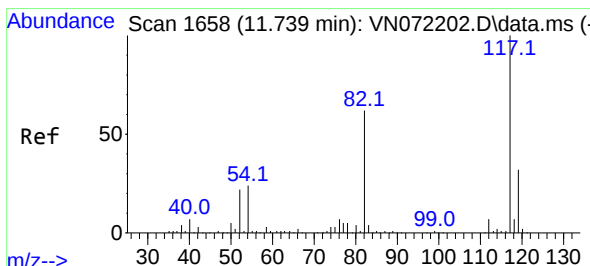
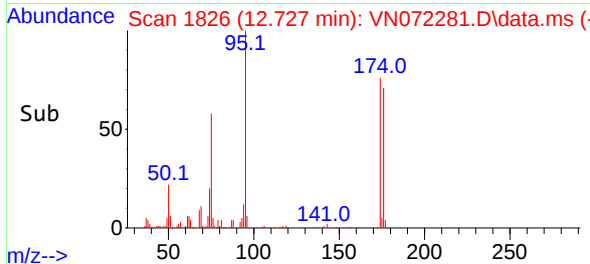
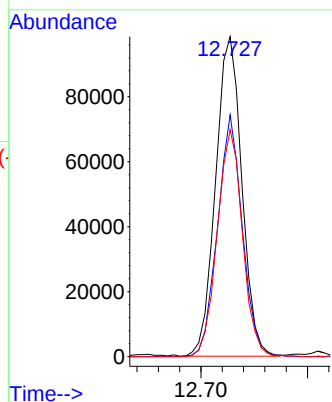


Tgt Ion: 95 Resp: 16785
Ion Ratio Lower Upper
95 100
174 71.4 0.0 167.6
176 68.3 0.0 163.4

Manual Integrations
APPROVED

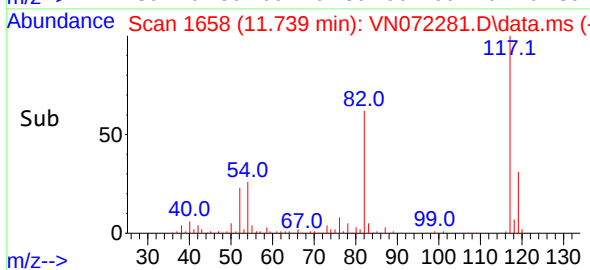
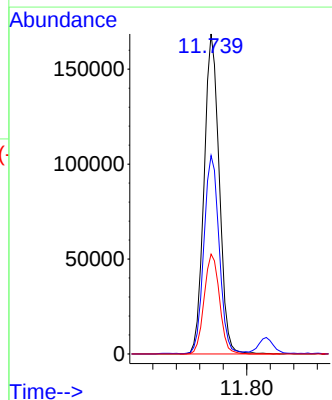
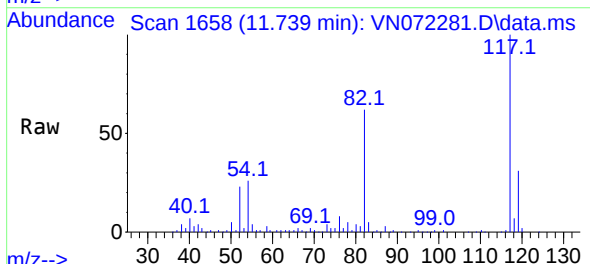
Reviewed By :John
Carlone
05/02/2022

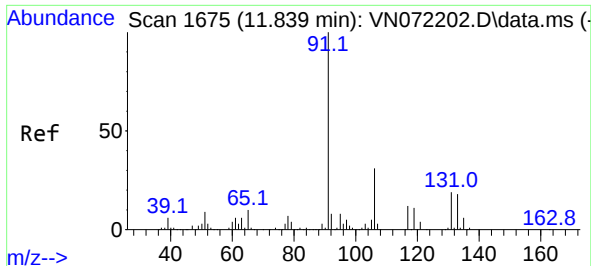
Supervised By :Mahesh
Dadoda
05/02/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

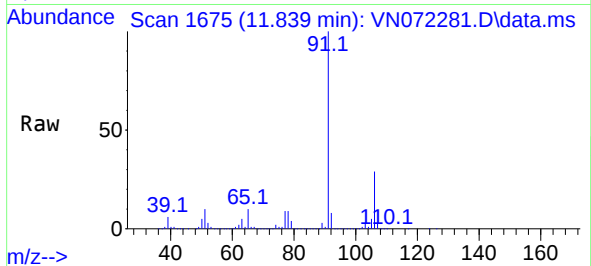
Tgt Ion:117 Resp: 300851
Ion Ratio Lower Upper
117 100
82 61.9 44.2 66.2
119 31.2 25.4 38.0





#67
Ethyl Benzene
Concen: 395.662 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

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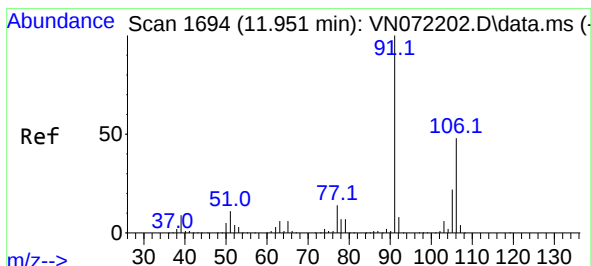
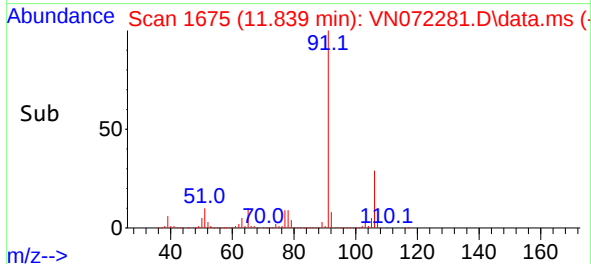
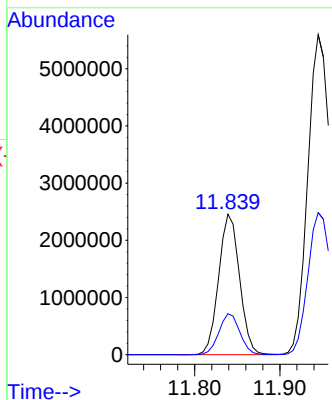


Tgt Ion: 91 Resp: 4194410
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

Manual Integrations
APPROVED

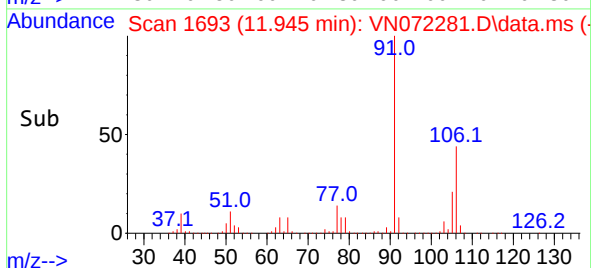
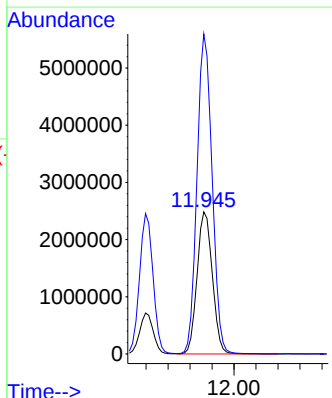
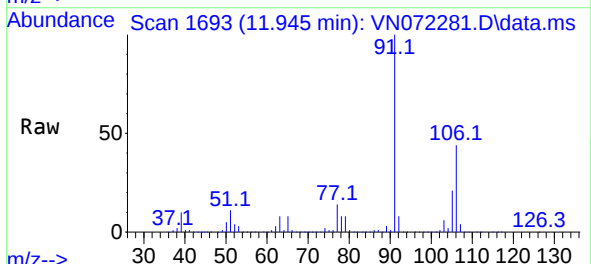
Reviewed By :John
Carlone
05/02/2022

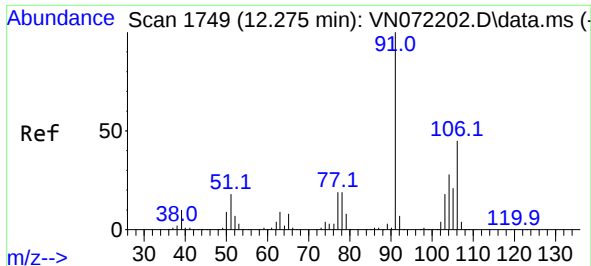
Supervised By :Mahesh
Dadoda
05/02/2022



#68
m/p-Xylenes
Concen: 1214.171 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

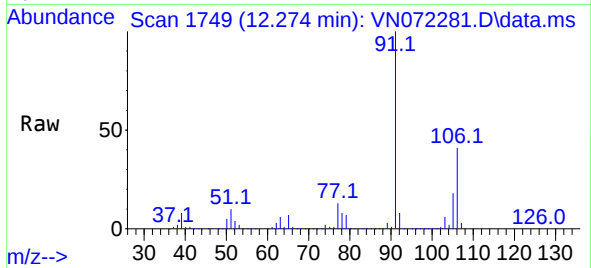
Tgt Ion:106 Resp: 4779679
Ion Ratio Lower Upper
106 100
91 223.3 158.9 238.3





#69
o-Xylene
Concen: 245.084 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

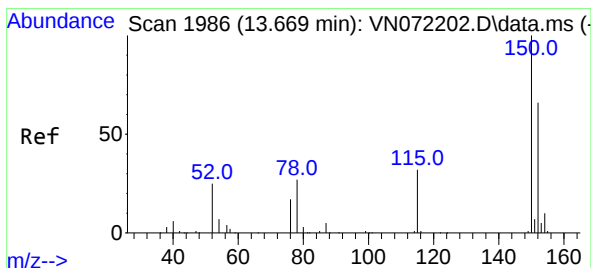
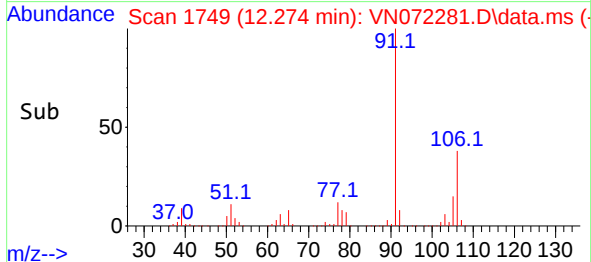
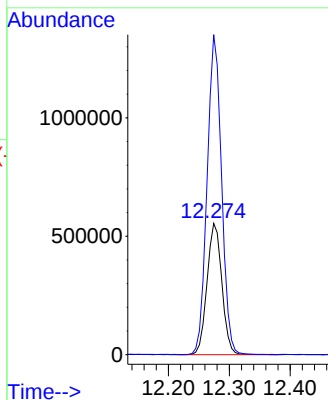


Tgt Ion:106 Resp: 935315
Ion Ratio Lower Upper
106 100
91 238.1 106.0 318.0

Manual Integrations
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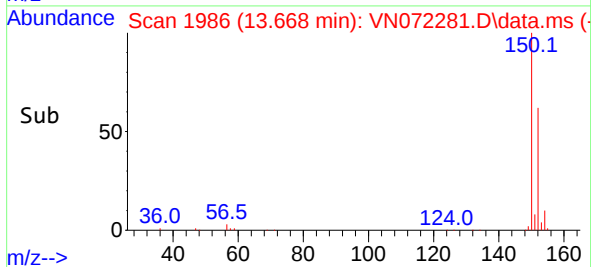
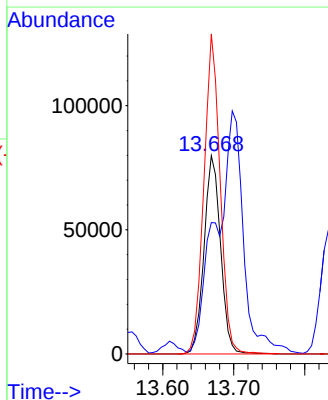
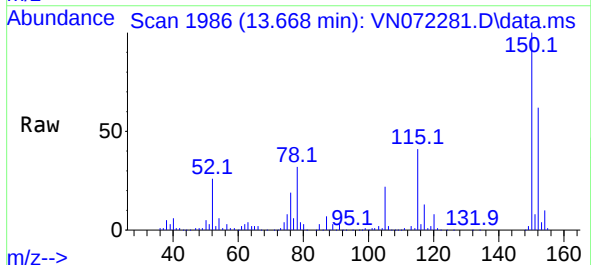
Reviewed By :John
Carlone
05/02/2022

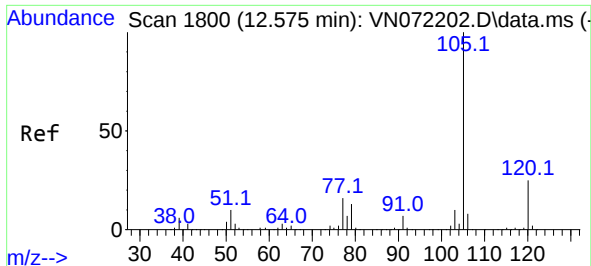
Supervised By :Mahesh
Dadoda
05/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

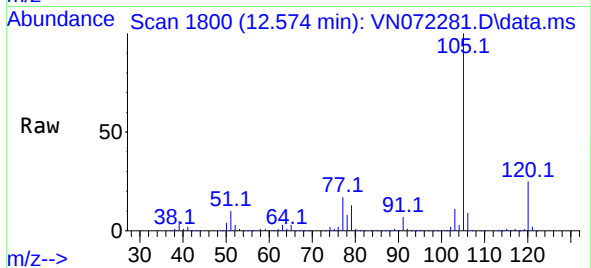
Tgt Ion:152 Resp: 129378
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 158.0 0.0 356.2





#73
Isopropylbenzene
Concen: 112.619 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

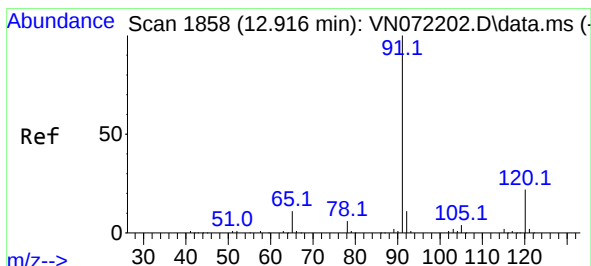
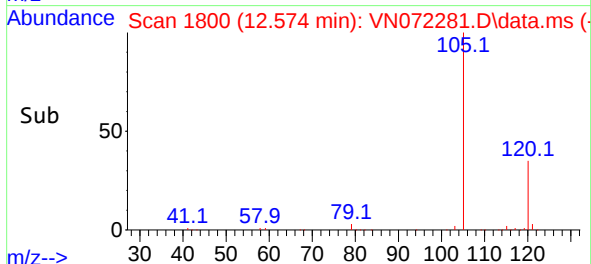
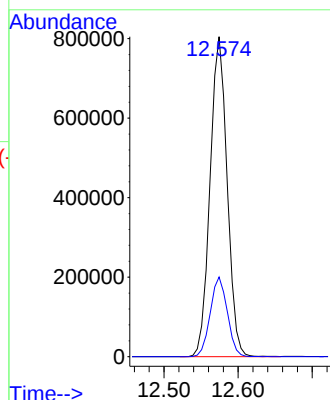


Tgt Ion:105 Resp: 128686
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

Manual Integrations
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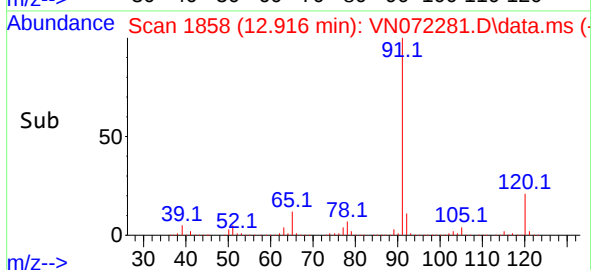
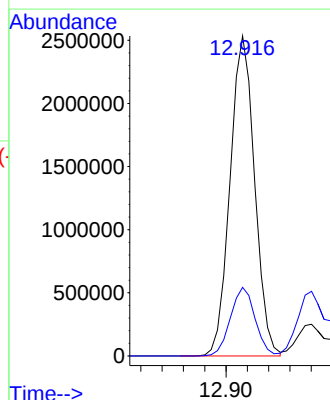
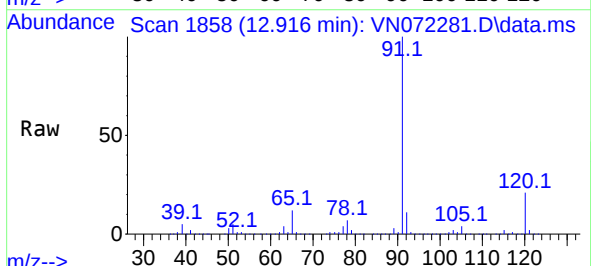
Reviewed By :John
Carlone
05/02/2022

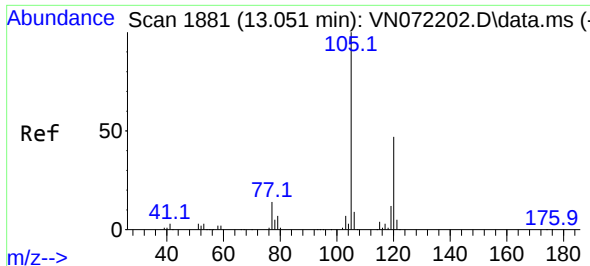
Supervised By :Mahesh
Dadoda
05/02/2022



#78
n-propylbenzene
Concen: 322.815 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

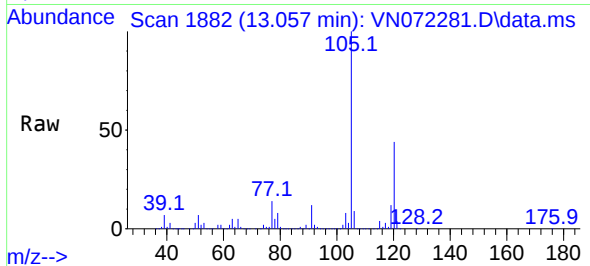
Tgt Ion: 91 Resp: 4063660
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 319.989 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

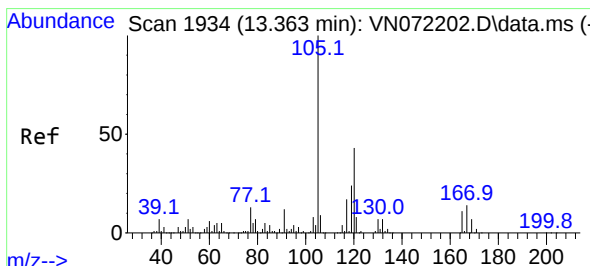
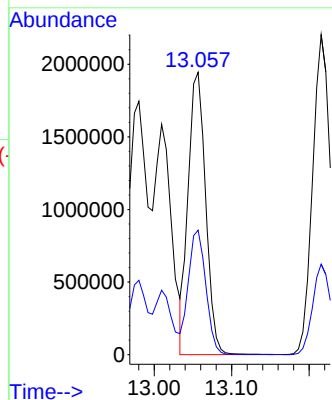


Tgt Ion:105 Resp: 304510
Ion Ratio Lower Upper
105 100
120 44.2 24.9 74.7

Manual Integrations
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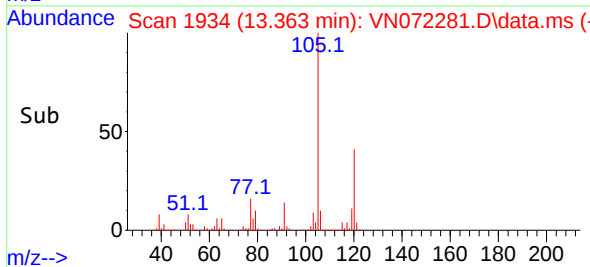
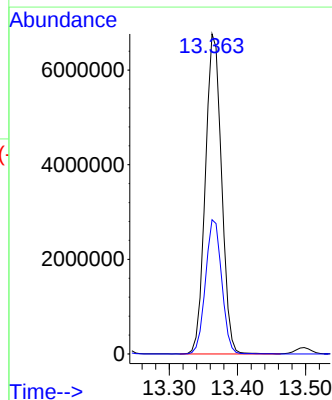
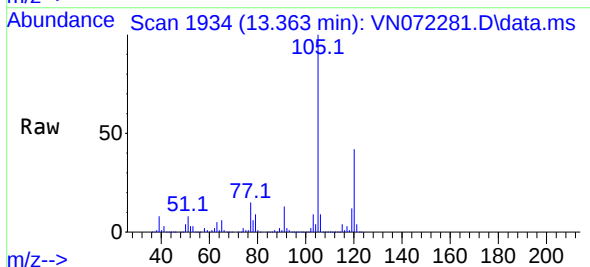
Reviewed By :John
Carlone
05/02/2022

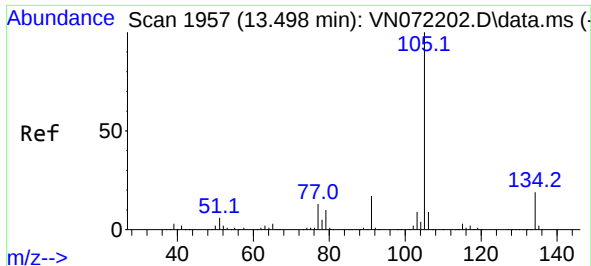
Supervised By :Mahesh
Dadoda
05/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 1213.727 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

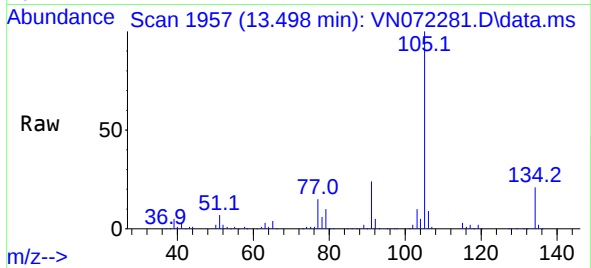
Tgt Ion:105 Resp:11175233
Ion Ratio Lower Upper
105 100
120 42.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.214 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072281.D
 Acq: 29 Apr 2022 19:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

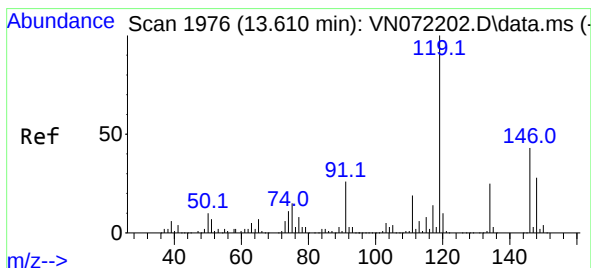
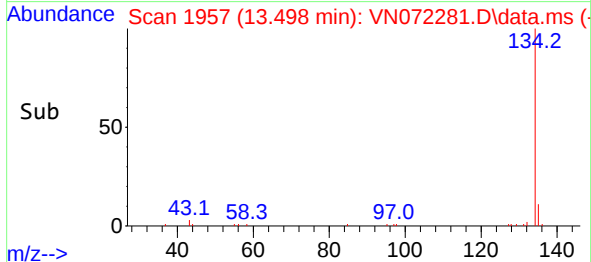
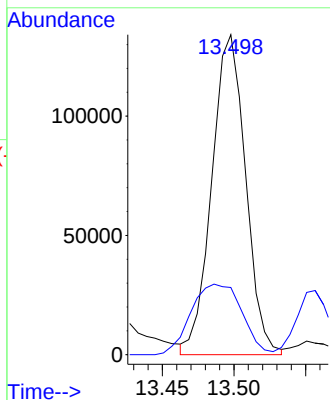


Tgt Ion:105 Resp: 22018
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

Manual Integrations
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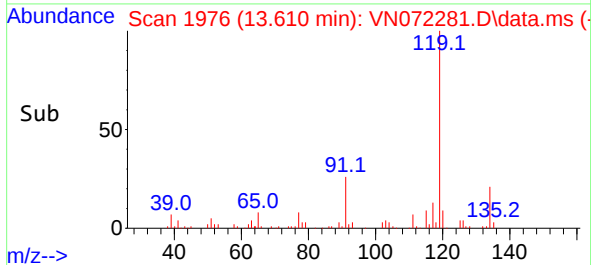
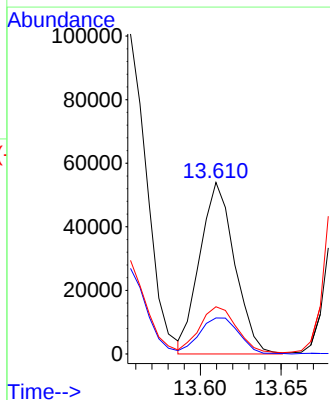
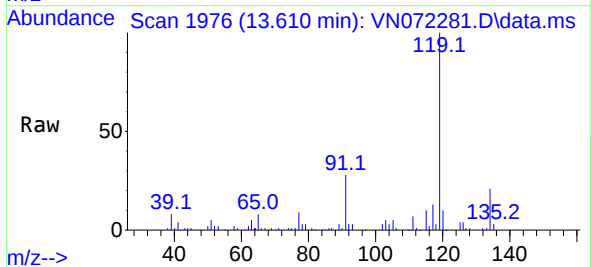
Reviewed By :John
 Carlone
 05/02/2022

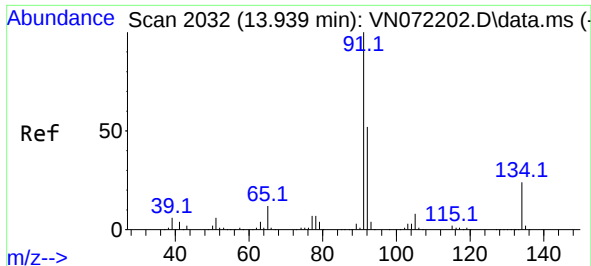
Supervised By :Mahesh
 Dadoda
 05/02/2022



#86
 p-Isopropyltoluene
 Concen: 9.575 ug/l m
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072281.D
 Acq: 29 Apr 2022 19:46

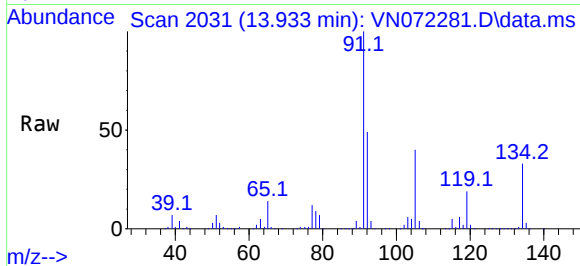
Tgt Ion:119 Resp: 81314
 Ion Ratio Lower Upper
 119 100
 134 52.6 13.3 39.8#
 91 52.3 11.3 33.9#





#89
n-Butylbenzene
Concen: 39.864 ug/l
RT: 13.933 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :
MW-1

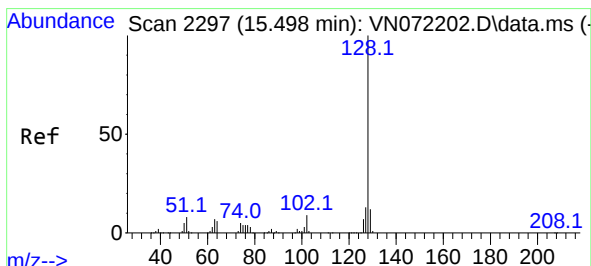
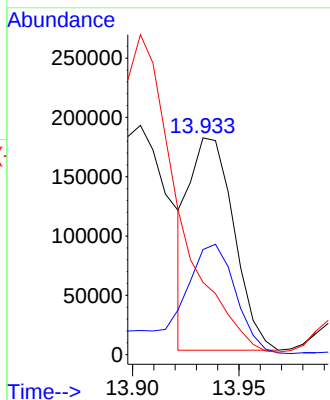
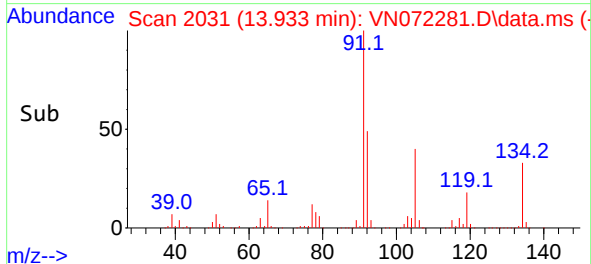


Tgt Ion: 91 Resp: 259309
Ion Ratio Lower Upper
91 100
92 58.4 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone
05/02/2022

Supervised By :Mahesh
Dadoda
05/02/2022



#95
Naphthalene
Concen: 663.773 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072281.D
Acq: 29 Apr 2022 19:46

Tgt Ion:128 Resp: 4834963
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

