

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015025.D
 Acq On : 10 Aug 2023 14:18
 Operator : SY/MD
 Sample : 03945-02
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB01-Z78-80

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:55:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	208023	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	370398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	337146	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	101000	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111862	44.367	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.740%		
35) Dibromofluoromethane	7.722	113	116321	49.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.220%		
50) Toluene-d8	10.179	98	566839	62.874	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	125.740%		
62) 4-Bromofluorobenzene	12.483	95	372562	116.598	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	233.200%#		
Target Compounds						Qvalue
16) Acetone	3.948	43	35109	44.655	ug/l	93
17) Carbon Disulfide	4.192	76	89660	24.663	ug/l	100
31) Cyclohexane	7.783	56	685281	278.813	ug/l	95
39) Methylcyclohexane	9.185	83	2326584	665.292	ug/l	95
40) Benzene	8.143	78	39133038m	4519.271	ug/l	
52) Toluene	10.246	92	3716022	666.873	ug/l	92
67) Ethyl Benzene	11.575	91	49913908m	4445.783	ug/l	
68) m/p-Xylenes	11.715	106	36376391m	8469.547	ug/l	
69) o-Xylene	12.038	106	28689243m	6826.448	ug/l	
73) Isopropylbenzene	12.325	105	27885848m	4107.261	ug/l	
78) n-propylbenzene	12.672	91	26544170m	3268.801	ug/l	
80) 1,3,5-Trimethylbenzene	12.727	105	69727532m	12462.602	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	31004071m	5530.945	ug/l	
85) sec-Butylbenzene	13.264	105	1596728	212.561	ug/l	# 54
86) p-Isopropyltoluene	13.385	119	12243552	1969.054	ug/l	92
89) n-Butylbenzene	13.696	91	1810204m	309.847	ug/l	

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

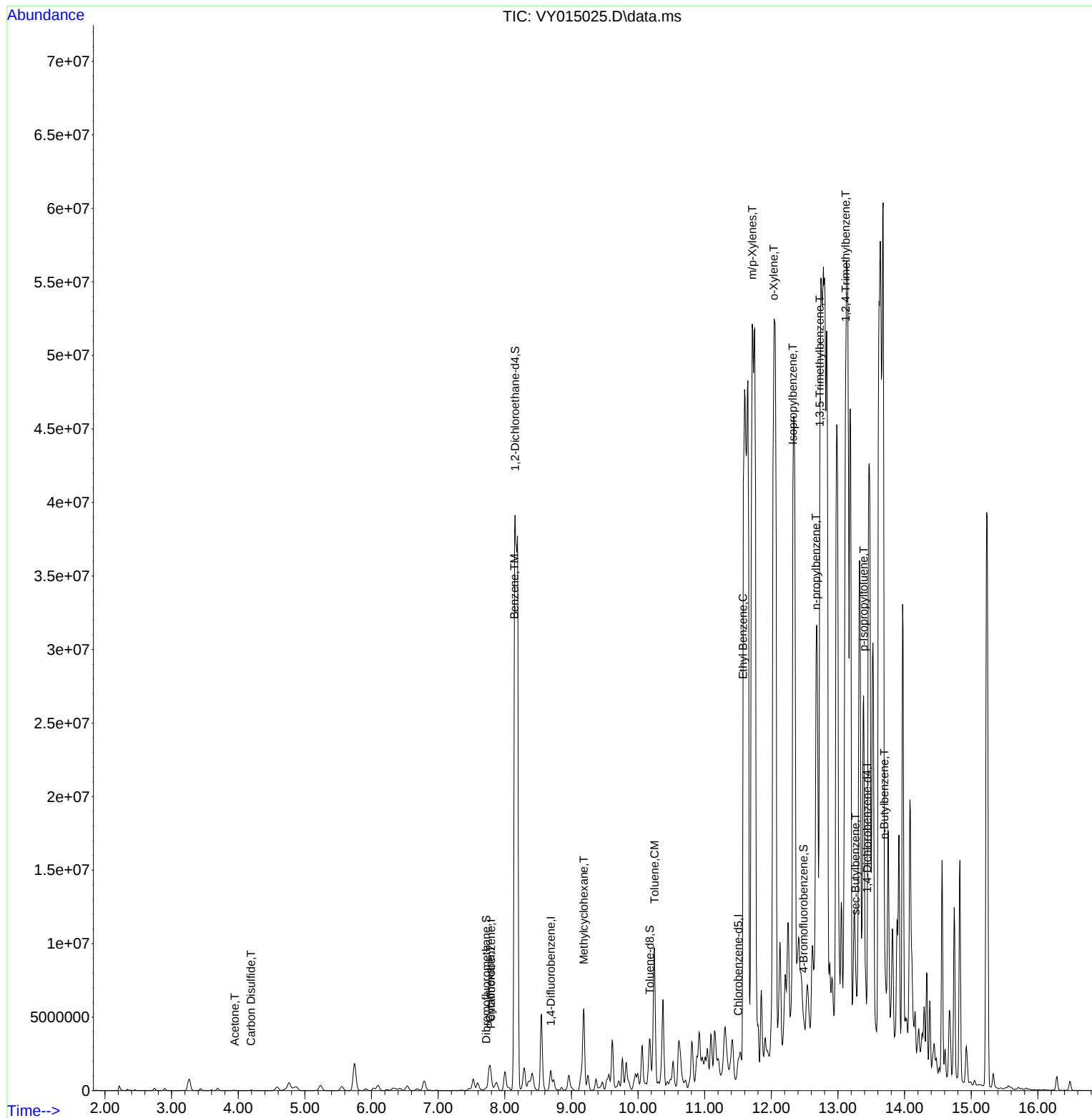
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
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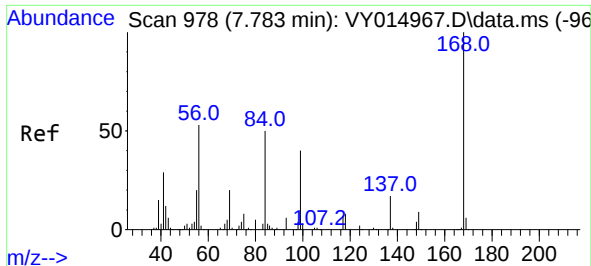
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Time: Aug 11 01:55:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

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APPROVED

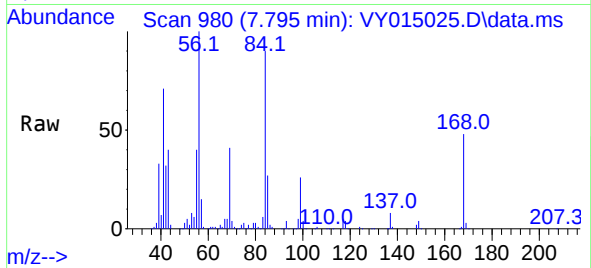
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

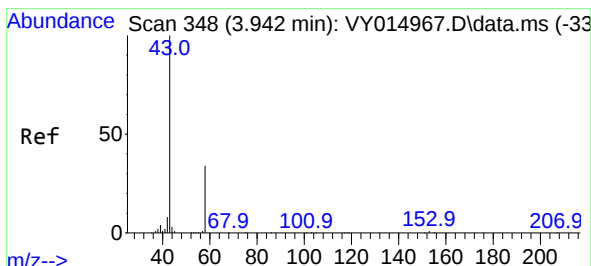
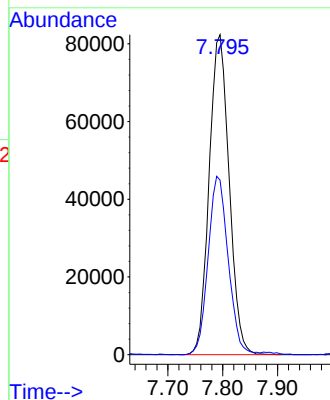
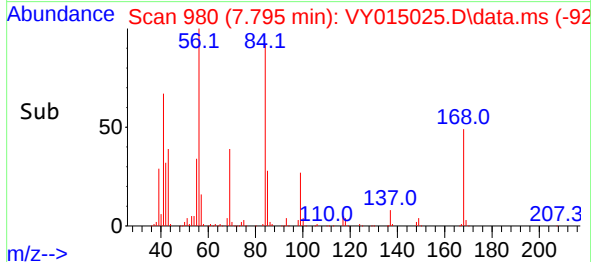
Instrument :
MSVOA_Y
ClientSampleId :
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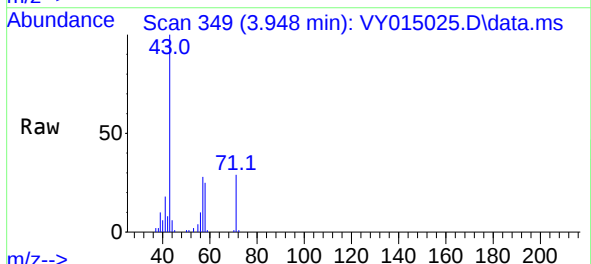
Tgt Ion:168 Resp: 20802
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0

Manual Integrations
APPROVED

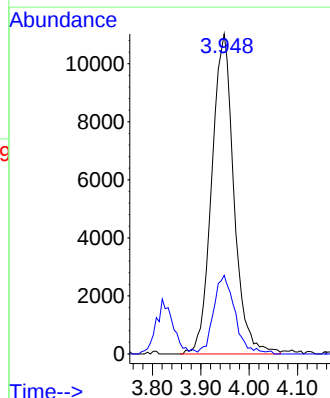
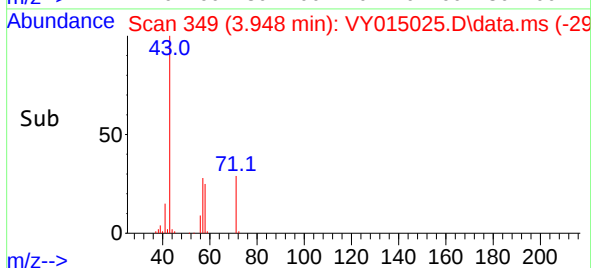
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Supervised By :Mahesh Dadoda 08/11/2023

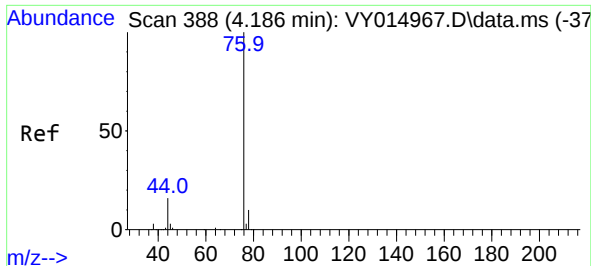


#16
Acetone
Concen: 44.655 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



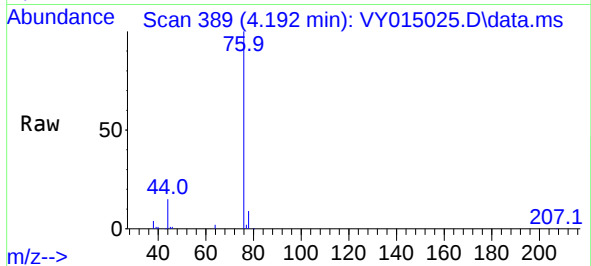
Tgt Ion: 43 Resp: 35109
Ion Ratio Lower Upper
43 100
58 24.5 22.7 34.1





#17
Carbon Disulfide
Concen: 24.663 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

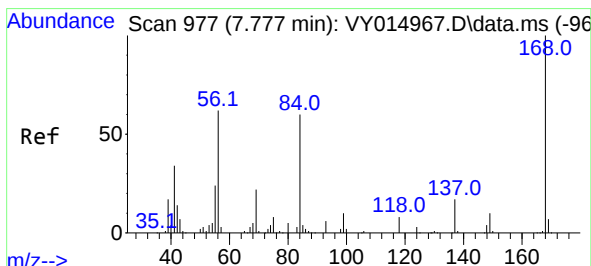
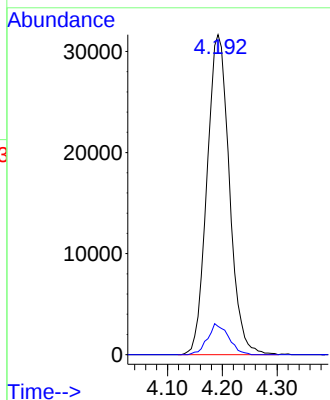
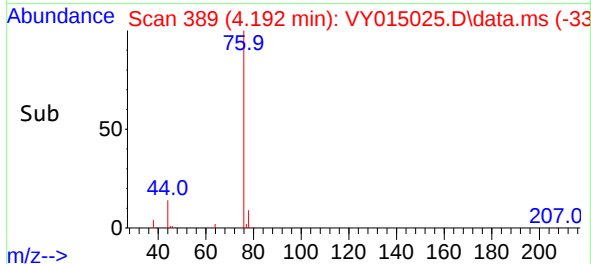
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NEVINS-SB01-Z78-80



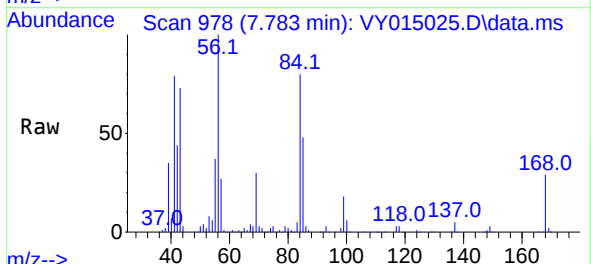
Tgt Ion: 76 Resp: 89660
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

Manual Integrations
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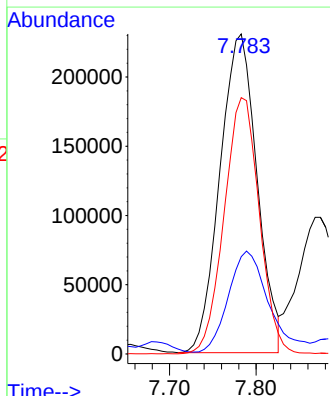
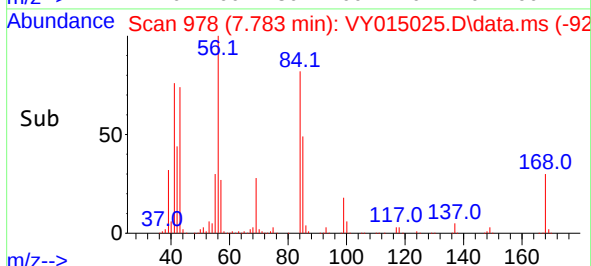
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

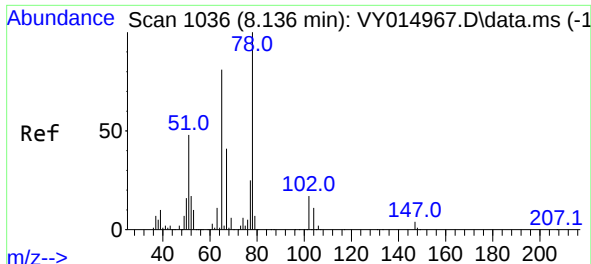


#31
Cyclohexane
Concen: 278.813 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



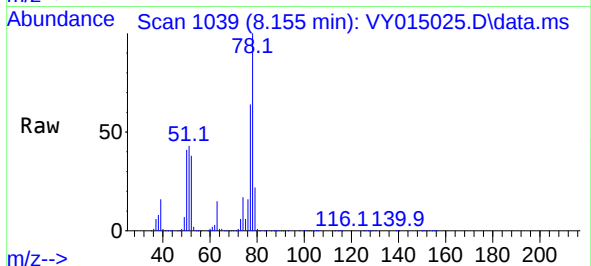
Tgt Ion: 56 Resp: 685281
Ion Ratio Lower Upper
56 100
69 29.0 27.8 41.6
84 80.3 66.4 99.6





#33
1,2-Dichloroethane-d4
Concen: 44.367 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

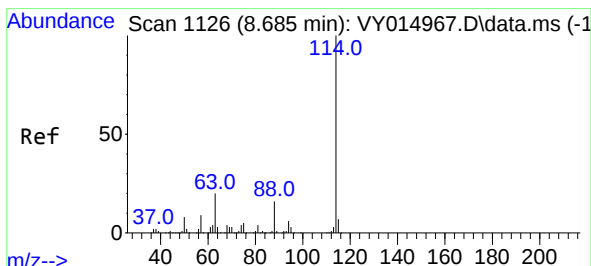
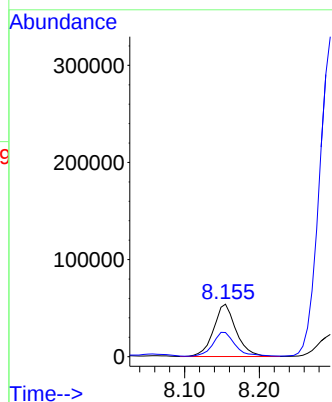
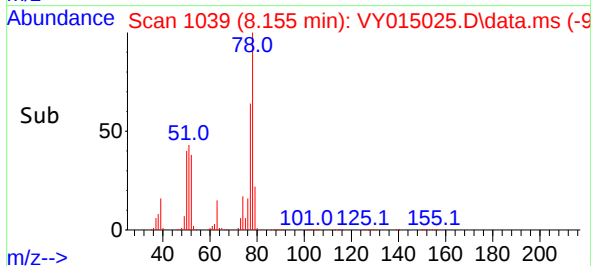
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



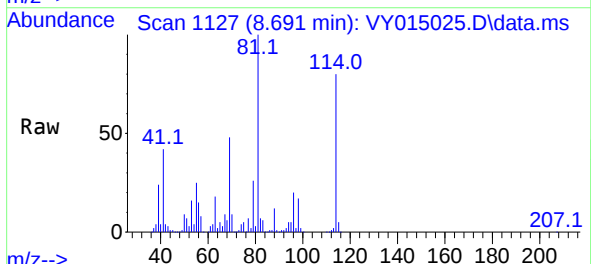
Tgt Ion: 65 Resp: 111862
Ion Ratio Lower Upper
65 100
67 45.5 0.0 101.8

Manual Integrations
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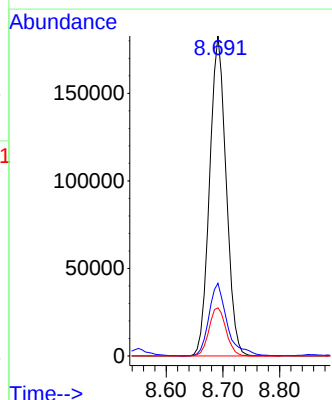
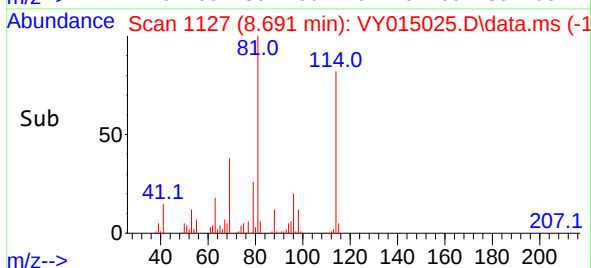
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

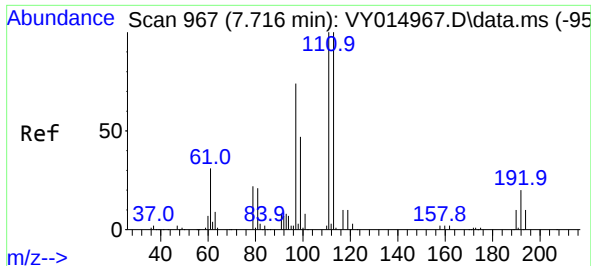


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



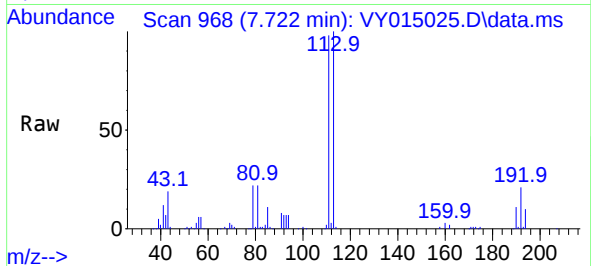
Tgt Ion:114 Resp: 370398
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

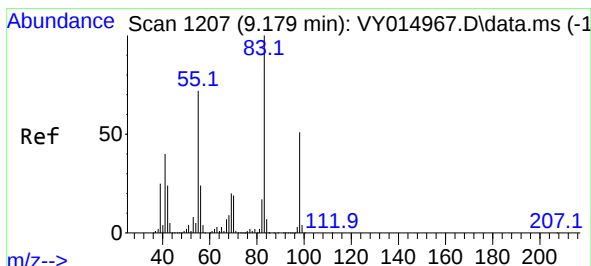
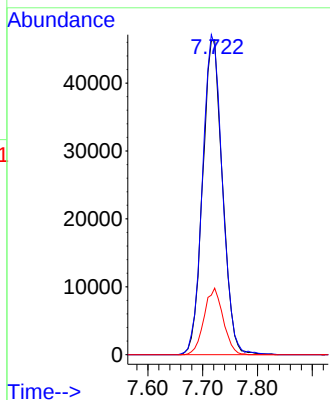
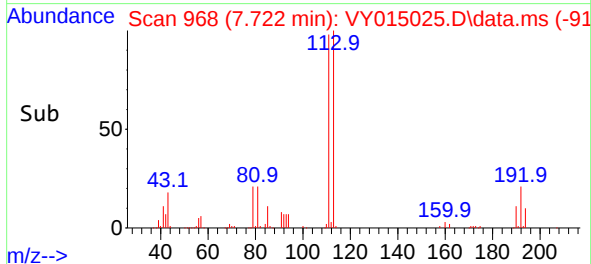
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



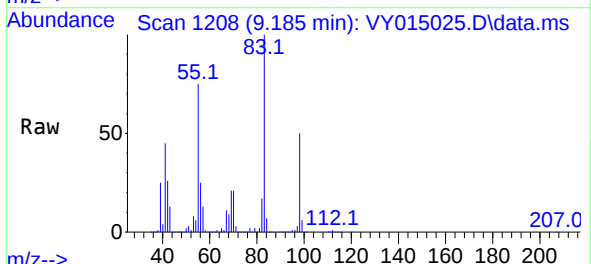
Tgt Ion: 113 Resp: 11632
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.3 16.9 25.3

Manual Integrations
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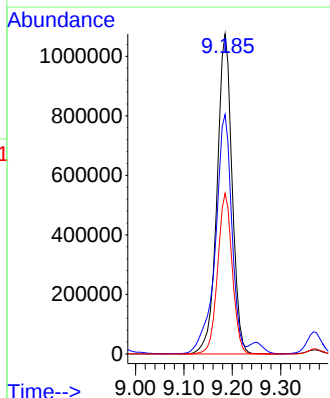
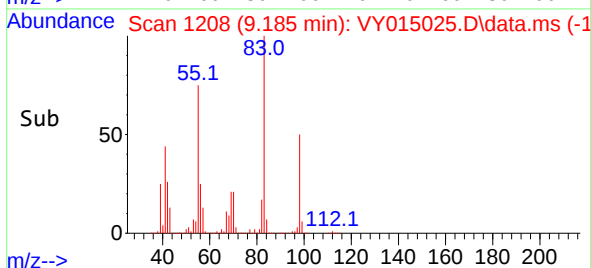
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

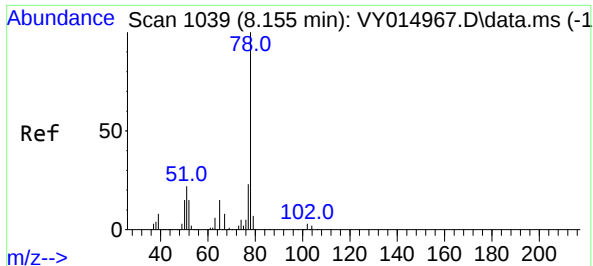


#39
Methylcyclohexane
Concen: 665.292 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



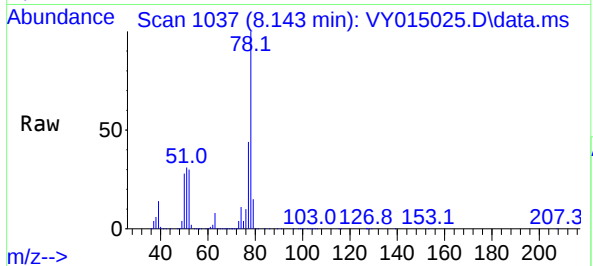
Tgt Ion: 83 Resp: 2326584
Ion Ratio Lower Upper
83 100
55 74.7 63.0 94.4
98 50.2 37.4 56.2





#40
Benzene
Concen: 4519.271 ug/l m
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

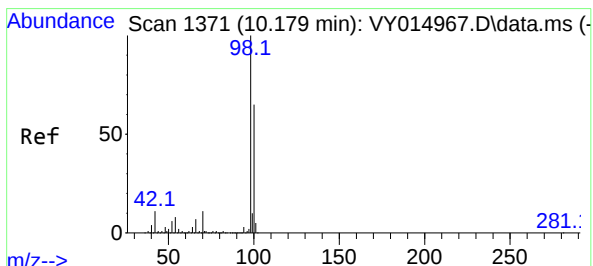
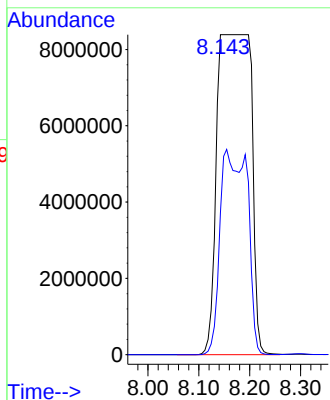
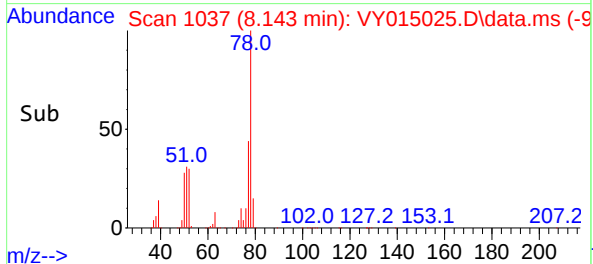
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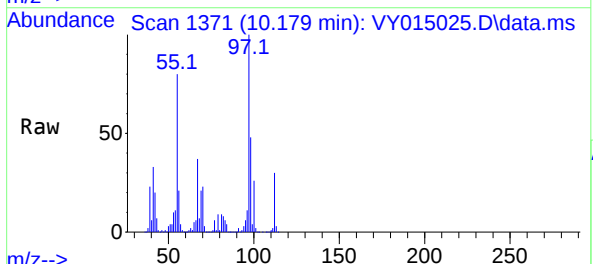
Tgt Ion: 78 Resp: 39133038
Ion Ratio Lower Upper
78 100
77 44.4 19.0 28.6

Manual Integrations
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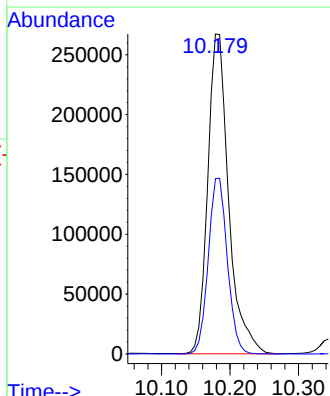
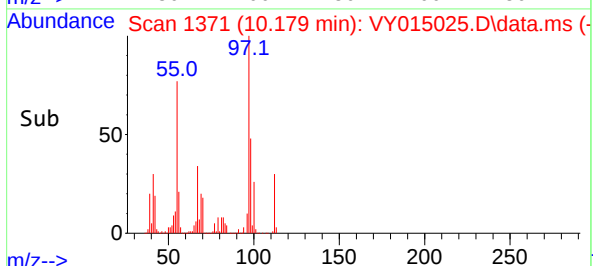
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

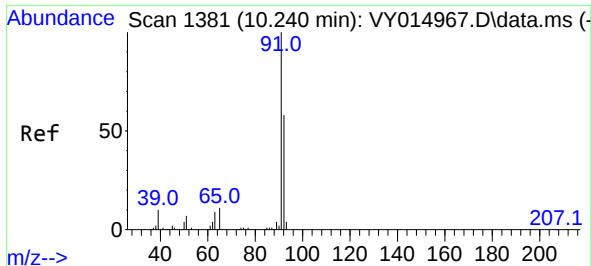


#50
Toluene-d8
Concen: 62.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



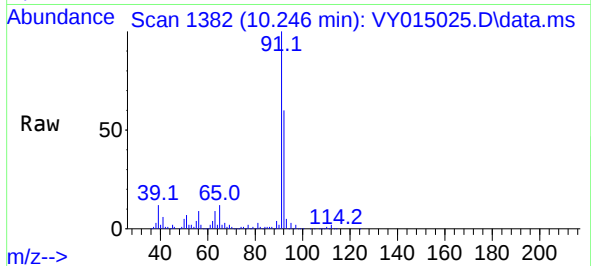
Tgt Ion: 98 Resp: 566839
Ion Ratio Lower Upper
98 100
100 50.1 50.1 75.1#





#52
Toluene
Concen: 666.873 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

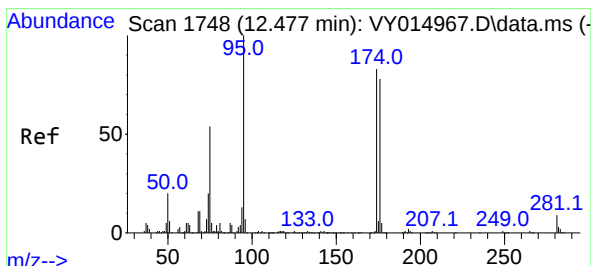
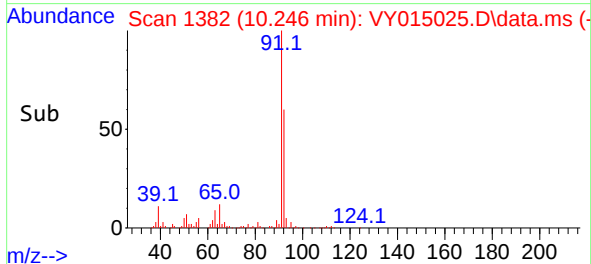
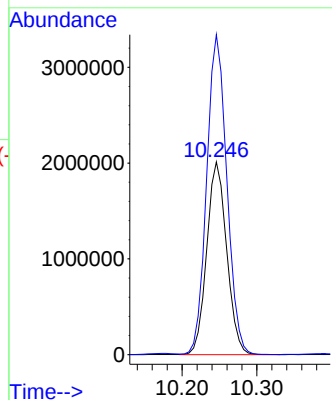
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NEVINS-SB01-Z78-80



Tgt Ion: 92 Resp: 371602
Ion Ratio Lower Upper
92 100
91 168.0 143.8 215.6

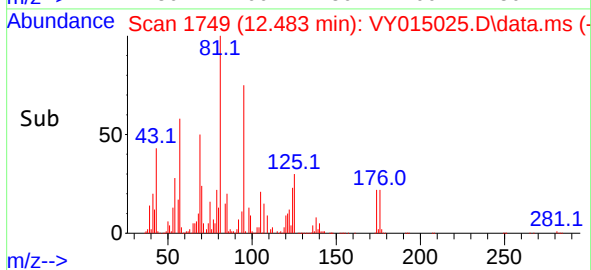
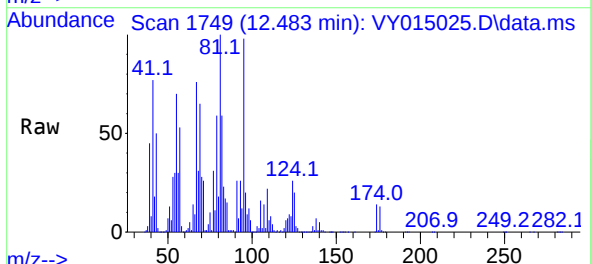
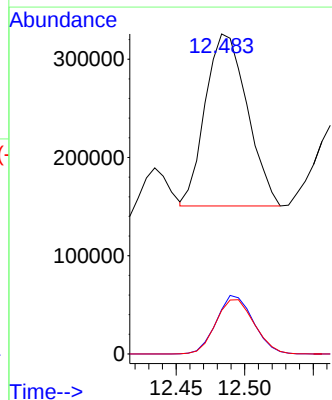
Manual Integrations
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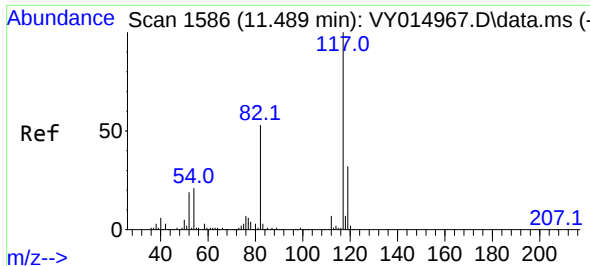
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#62
4-Bromofluorobenzene
Concen: 116.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

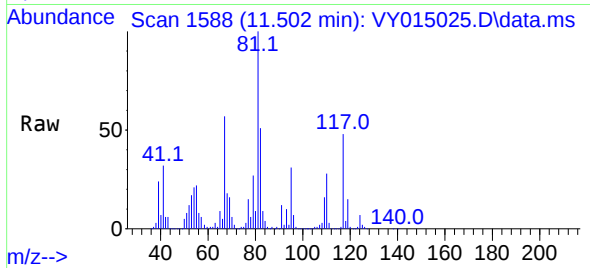
Tgt Ion: 95 Resp: 372562
Ion Ratio Lower Upper
95 100
174 30.1 0.0 178.2
176 29.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

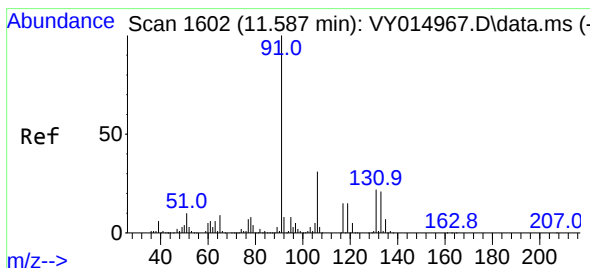
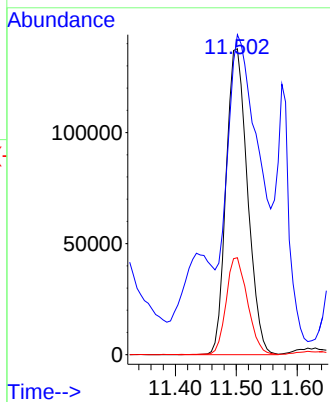
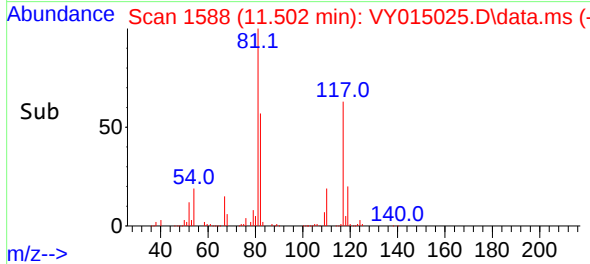
Instrument :
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Tgt Ion:117 Resp: 337140
Ion Ratio Lower Upper
117 100
82 88.3 43.4 65.0
119 31.6 26.3 39.5

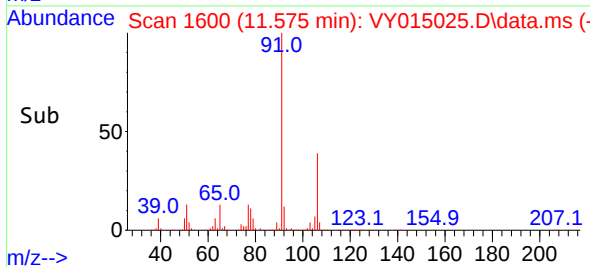
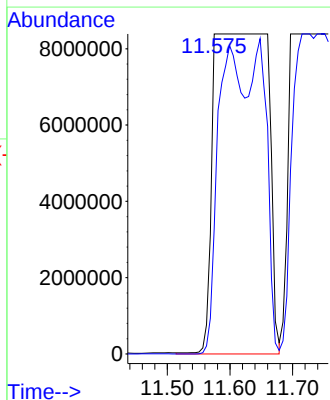
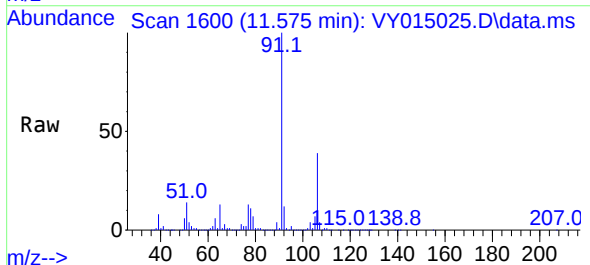
Manual Integrations
APPROVED

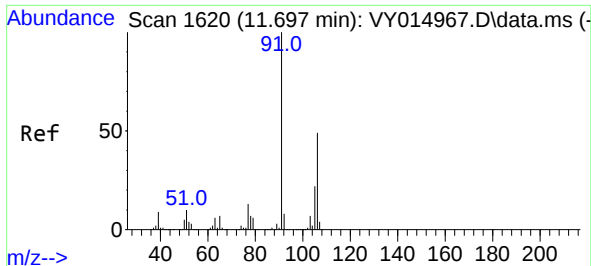
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#67
Ethyl Benzene
Concen: 4445.783 ug/l m
RT: 11.575 min Scan# 1600
Delta R.T. -0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

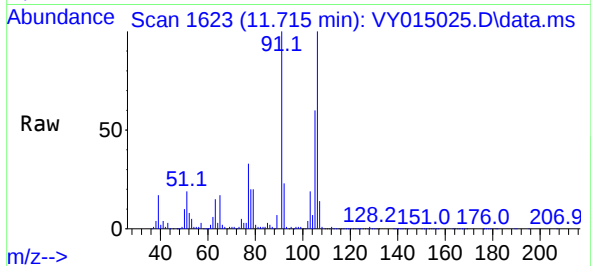
Tgt Ion: 91 Resp:49913908
Ion Ratio Lower Upper
91 100
106 39.2 24.6 36.8#





#68
m/p-Xylenes
Concen: 8469.547 ug/l m
RT: 11.715 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

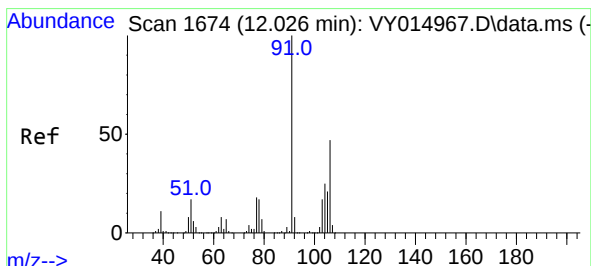
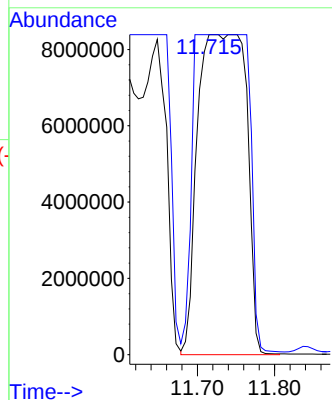
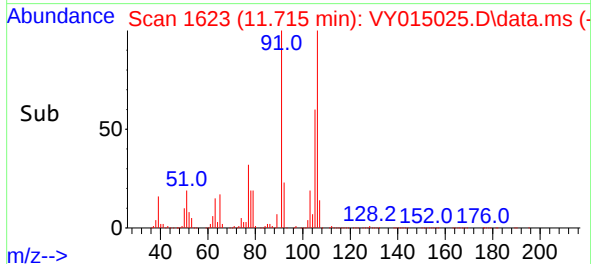
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



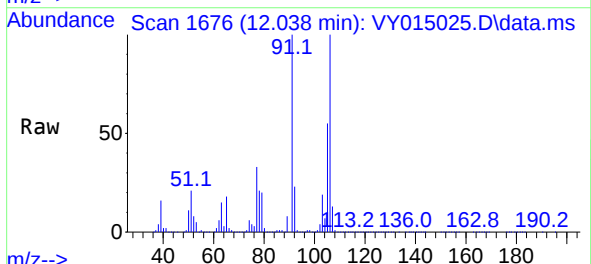
Tgt Ion:106 Resp:3637639
Ion Ratio Lower Upper
106 100
91 8.1 166.1 249.1

Manual Integrations
APPROVED

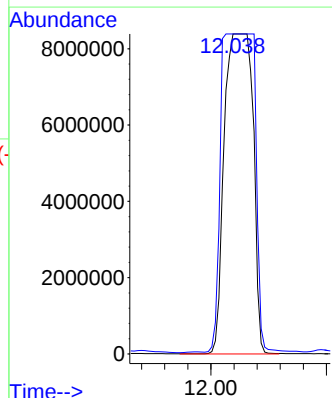
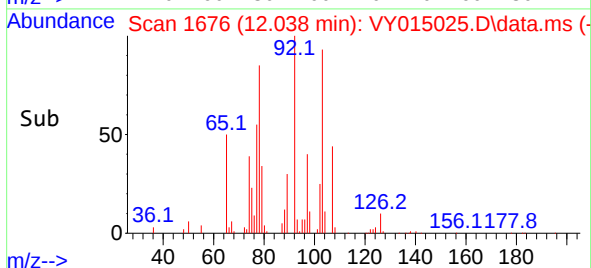
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

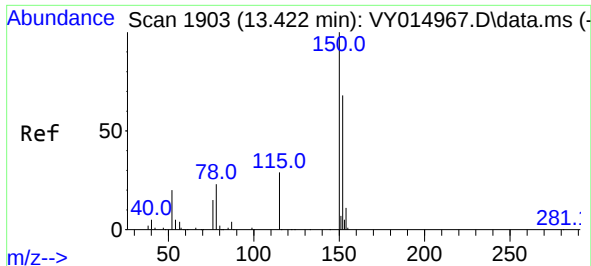


#69
o-Xylene
Concen: 6826.448 ug/l m
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



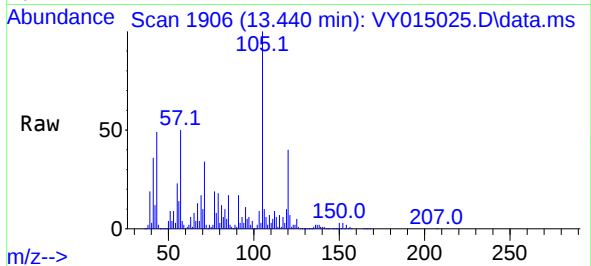
Tgt Ion:106 Resp:28689243
Ion Ratio Lower Upper
106 100
91 0.0 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

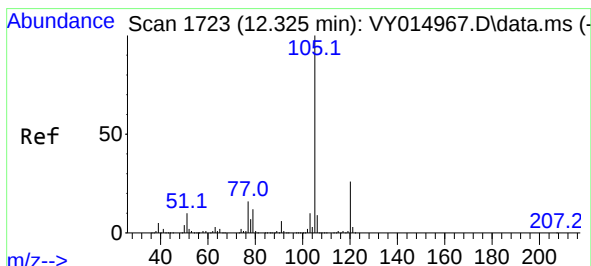
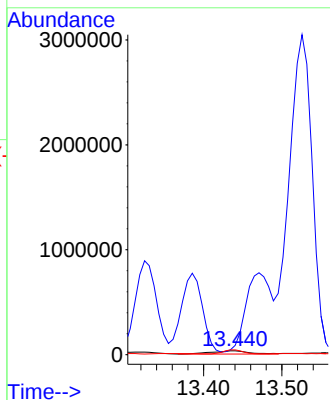
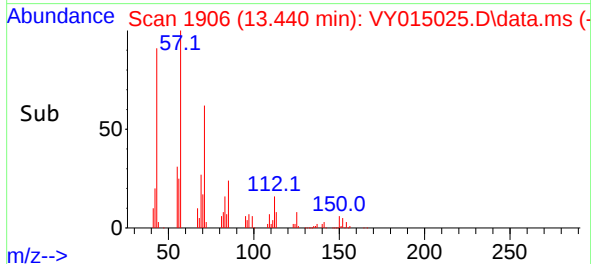
Instrument : MSVOA_Y
ClientSampleId : NEVINS-SB01-Z78-80



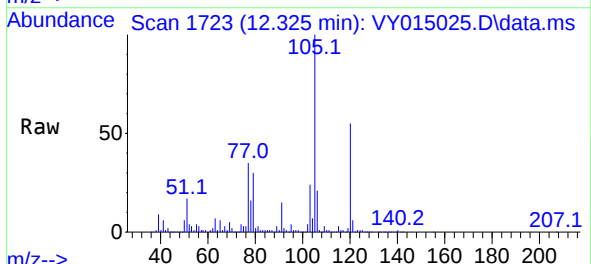
Tgt Ion:152 Resp: 1010000
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5
150 66.2 0.0 348.8

Manual Integrations
APPROVED

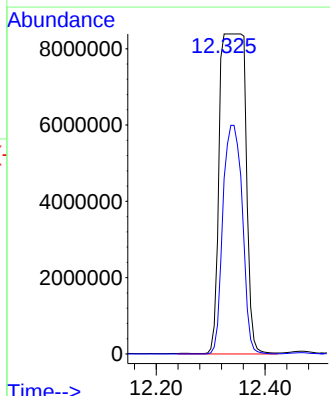
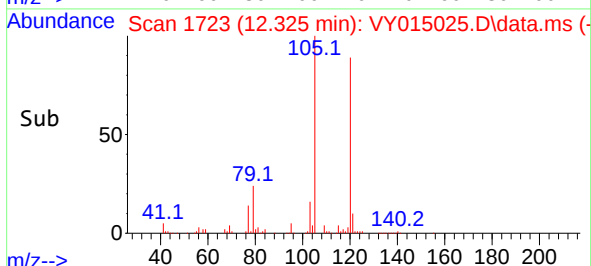
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

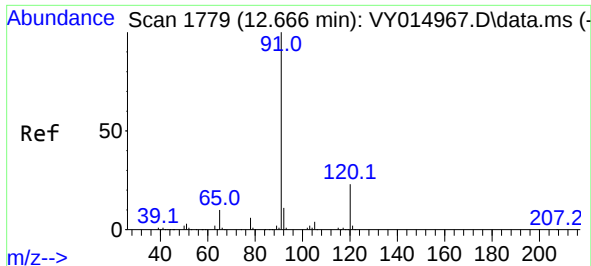


#73
Isopropylbenzene
Concen: 4107.261 ug/l m
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



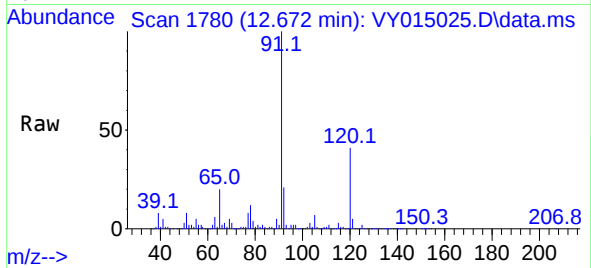
Tgt Ion:105 Resp:27885848
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.9#





#78
n-propylbenzene
Concen: 3268.801 ug/l m
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

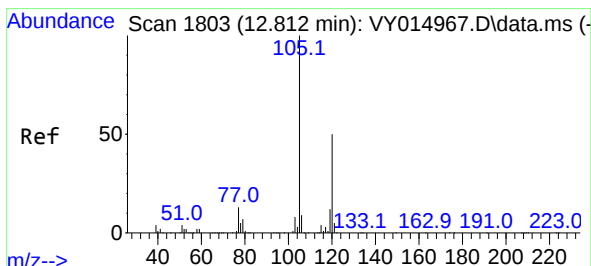
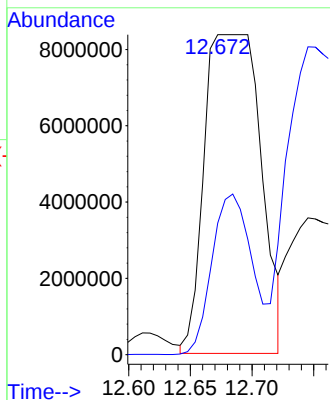
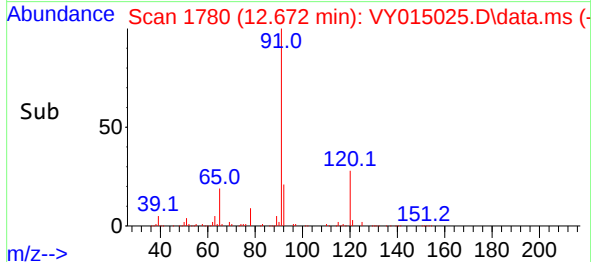
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



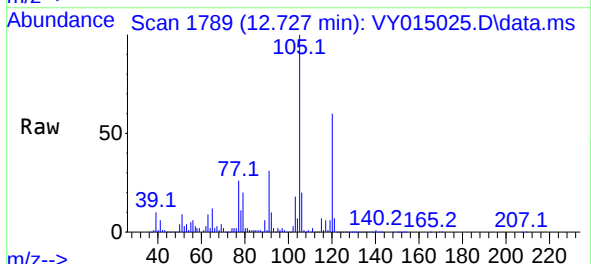
Tgt Ion: 91 Resp:26544170
Ion Ratio Lower Upper
91 100
120 35.1 11.5 34.4

Manual Integrations
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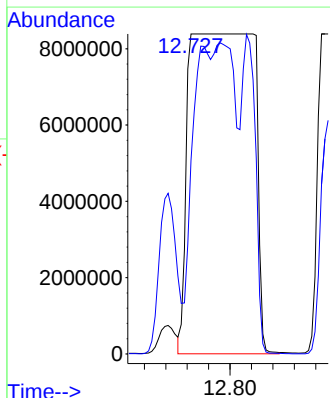
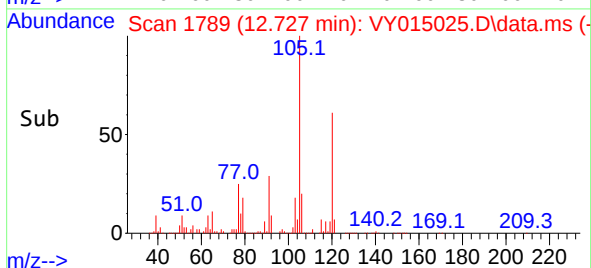
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

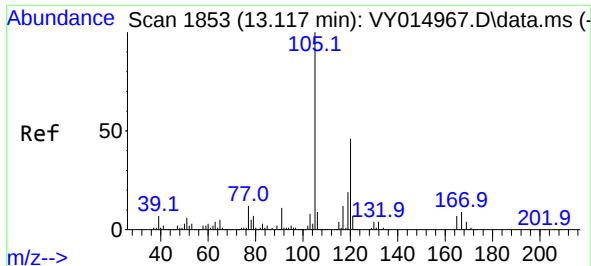


#80
1,3,5-Trimethylbenzene
Concen: 12462.602 ug/l m
RT: 12.727 min Scan# 1789
Delta R.T. -0.085 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



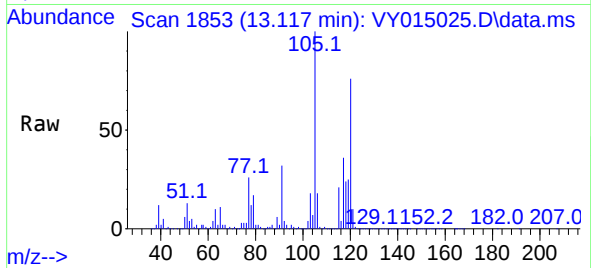
Tgt Ion:105 Resp:69727532
Ion Ratio Lower Upper
105 100
120 22.5 23.9 71.7#





#84
1,2,4-Trimethylbenzene
Concen: 5530.945 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

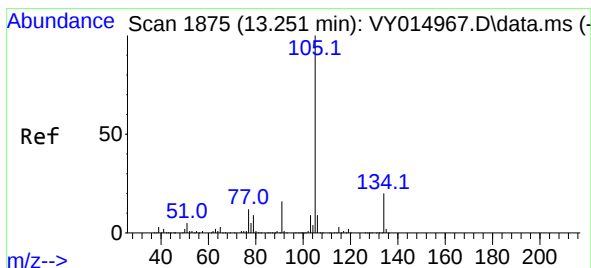
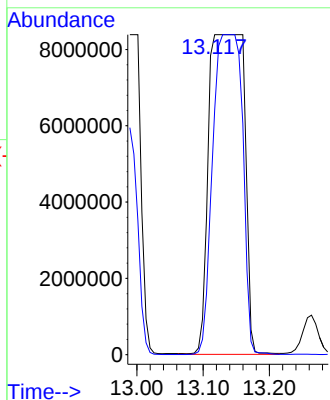
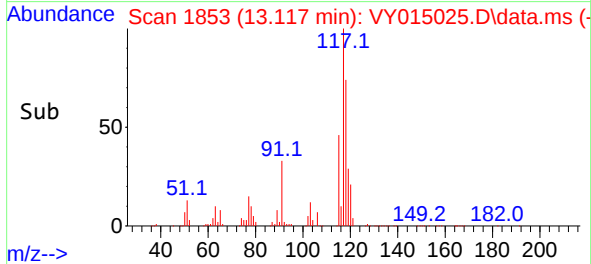
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



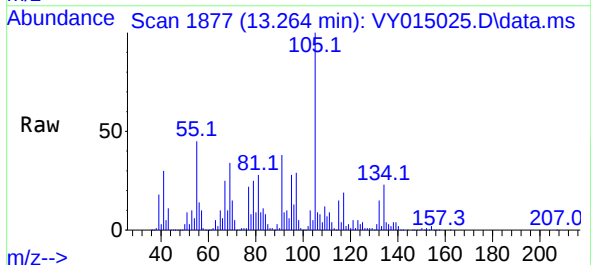
Tgt Ion:105 Resp:3100407
Ion Ratio Lower Upper
105 100
120 0.0 22.2 66.6

Manual Integrations
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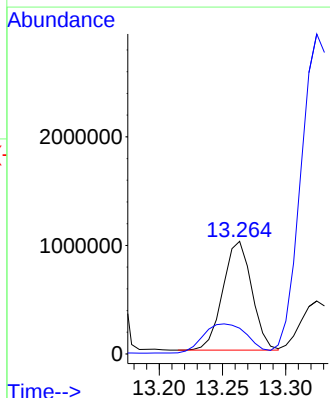
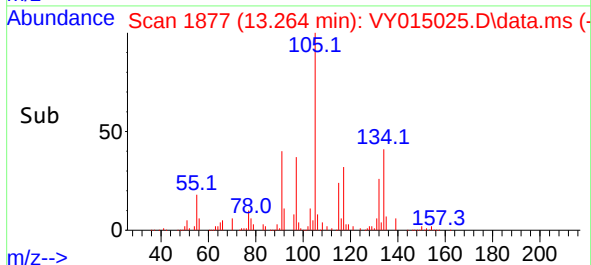
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

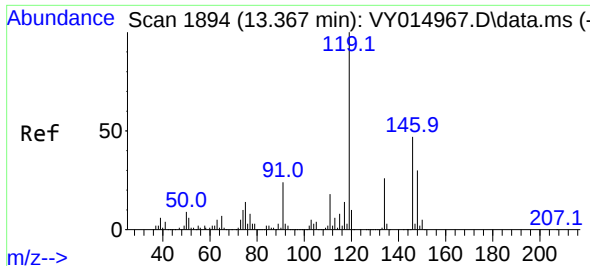


#85
sec-Butylbenzene
Concen: 212.561 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



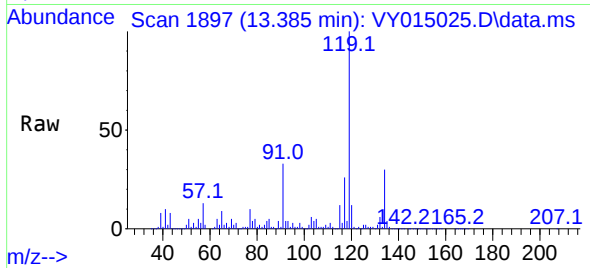
Tgt Ion:105 Resp: 1596728
Ion Ratio Lower Upper
105 100
134 41.6 10.2 30.6





#86
p-Isopropyltoluene
Concen: 1969.054 ug/l
RT: 13.385 min Scan# 119
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

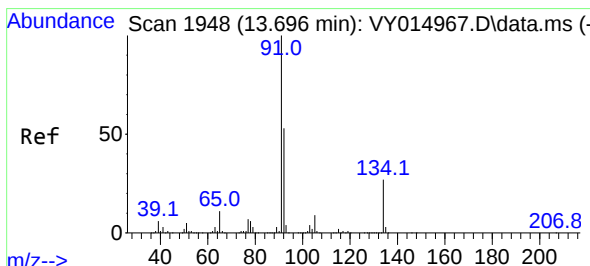
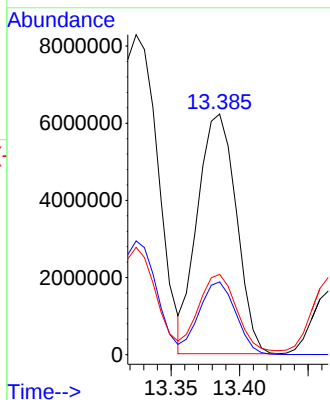
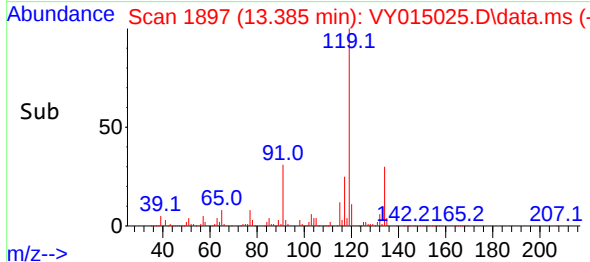
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB01-Z78-80



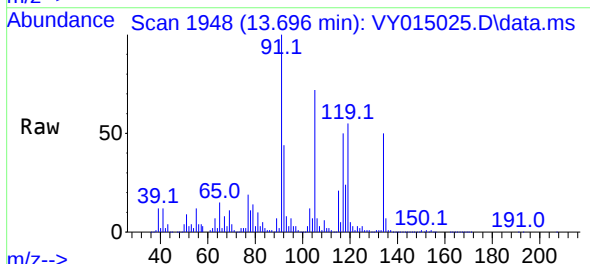
Tgt Ion: 119 Resp: 1224355
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 30.5 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#89
n-Butylbenzene
Concen: 309.847 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18



Tgt Ion: 91 Resp: 1810204
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 210.9 12.6 37.6#

