

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016882.D
 Acq On : 27 Dec 2023 16:57
 Operator : SY/MD
 Sample : 06031-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-321-10-12

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	109849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	249946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65716	65.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.060%	
35) Dibromofluoromethane	7.728	113	62296	45.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.980%	
50) Toluene-d8	10.185	98	270729	55.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.880%	
62) 4-Bromofluorobenzene	12.483	95	124610	78.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 157.300%#	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	7962	29.362	ug/l	95
31) Cyclohexane	7.789	56	21249	11.060	ug/l #	84
39) Methylcyclohexane	9.191	83	140684	56.109	ug/l	95
78) n-propylbenzene	12.678	91	12645	1.128	ug/l	85
85) sec-Butylbenzene	13.257	105	30434m	3.226	ug/l	
89) n-Butylbenzene	13.702	91	20908m	2.784	ug/l	

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

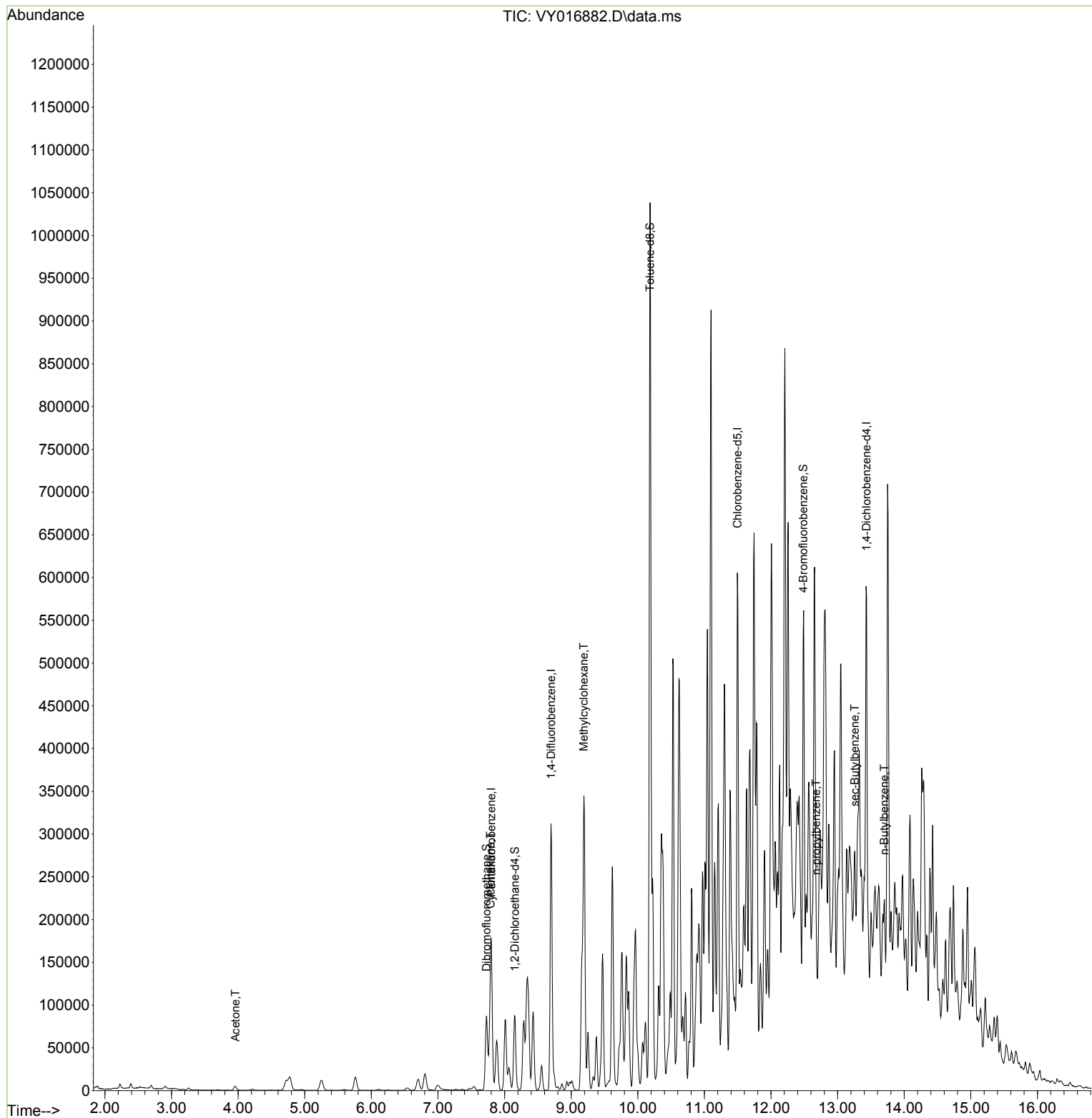
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016882.D
Acq On : 27 Dec 2023 16:57
Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

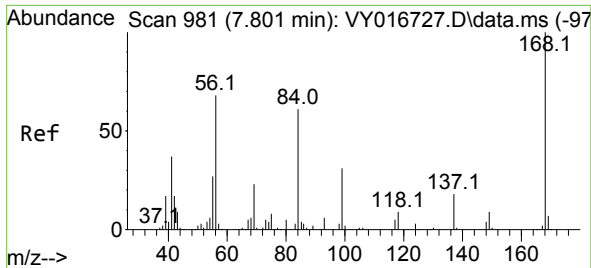
Instrument :
MSVOA_Y
ClientSampleId :
MR-321-10-12

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Supervised By : Mahesh Dadoda 01/01/2024

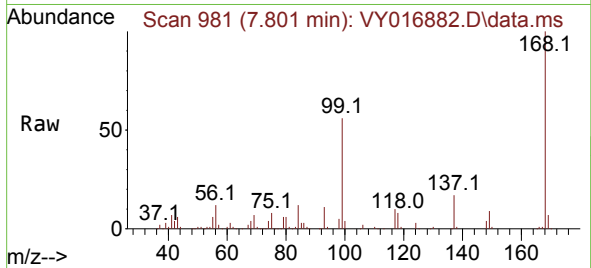
Quant Time: Dec 28 03:47:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

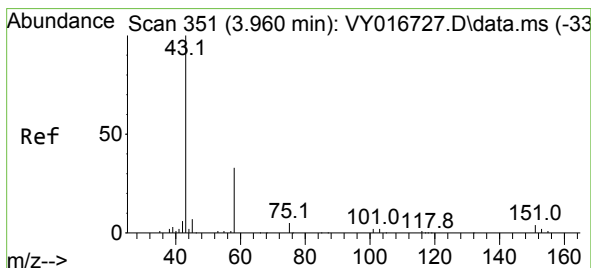
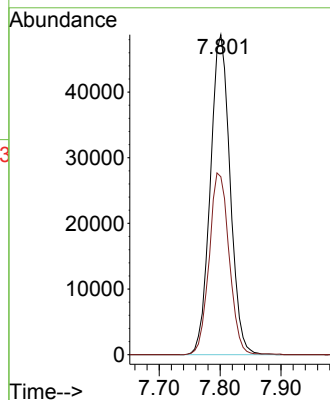
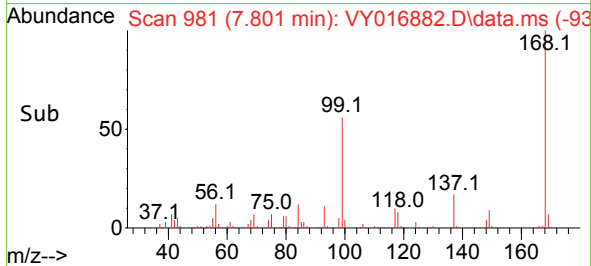
Instrument :
MSVOA_Y
ClientSampleId :
MR-321-10-12



Tgt Ion:168 Resp: 109849
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4

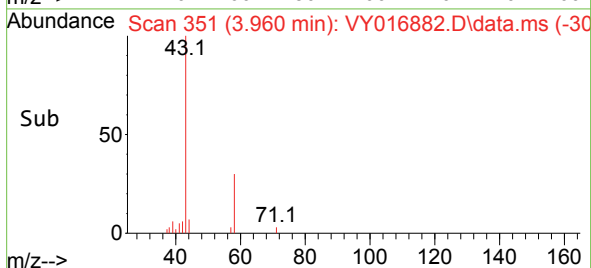
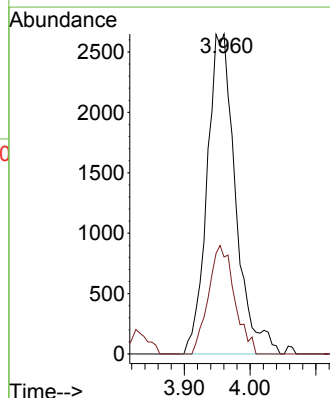
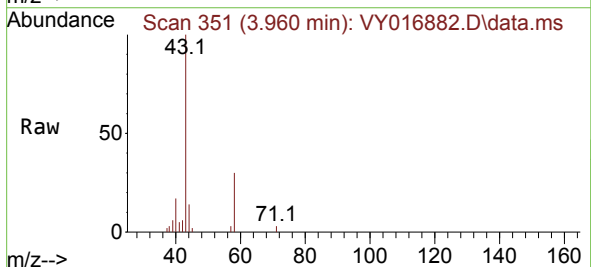
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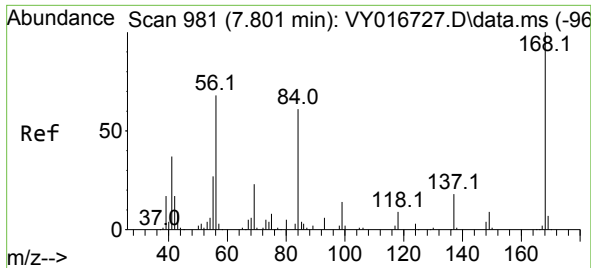
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#16
Acetone
Concen: 29.362 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

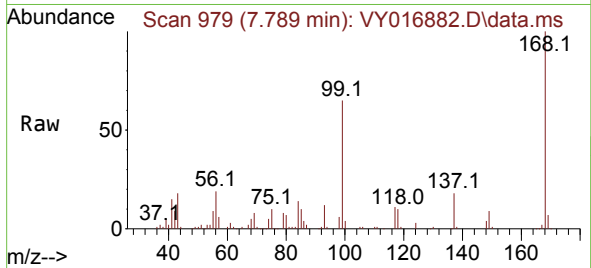
Tgt Ion: 43 Resp: 7962
Ion Ratio Lower Upper
43 100
58 30.3 26.6 39.8





#31
Cyclohexane
Concen: 11.060 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

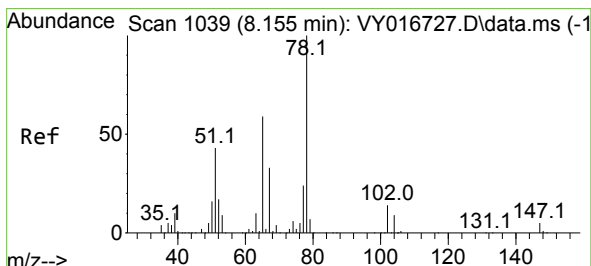
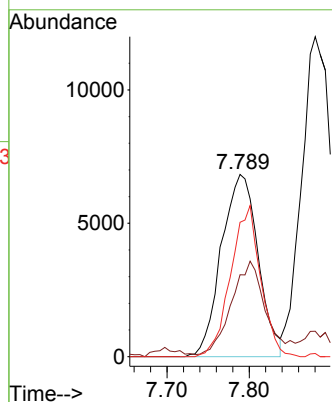
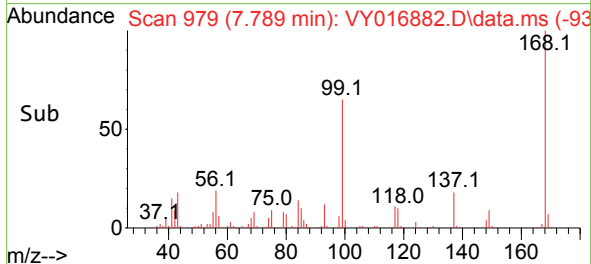
Instrument :
MSVOA_Y
ClientSampleId :
MR-321-10-12



Tgt Ion: 56 Resp: 21249
Ion Ratio Lower Upper
56 100
69 41.6 27.0 40.6
84 73.8 71.8 107.6

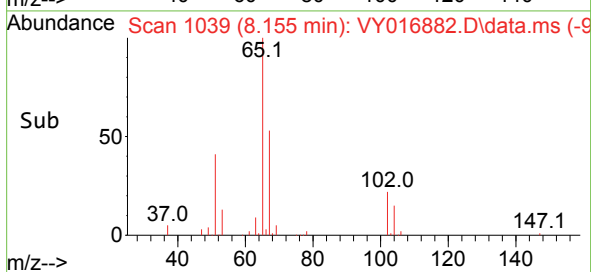
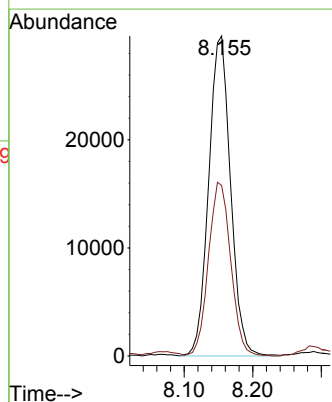
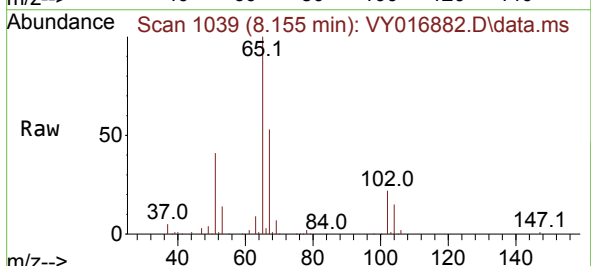
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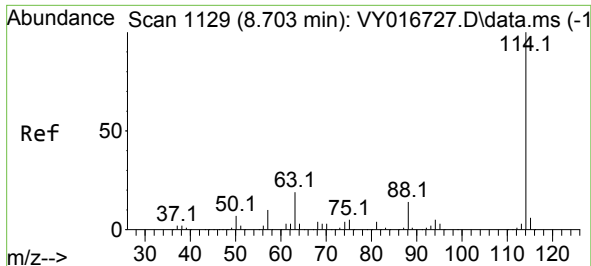
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#33
1,2-Dichloroethane-d4
Concen: 65.532 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

Tgt Ion: 65 Resp: 65716
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY016882.D

Acq: 27 Dec 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

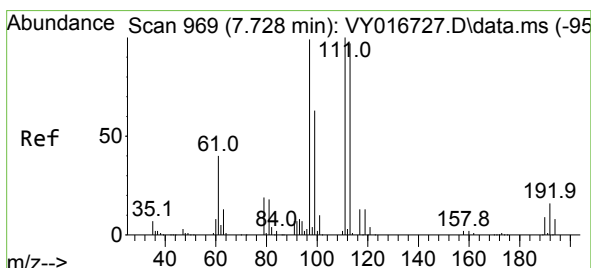
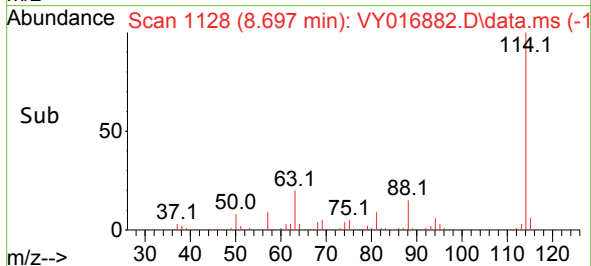
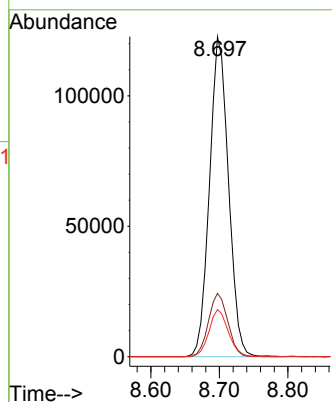
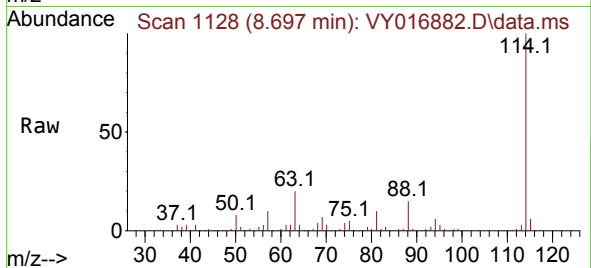
MR-321-10-12

Tgt Ion:114 Resp: 236480
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 14.7 0.0 29.0

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#35

Dibromofluoromethane

Concen: 45.988 ug/l

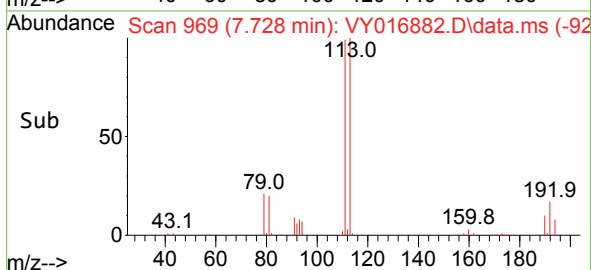
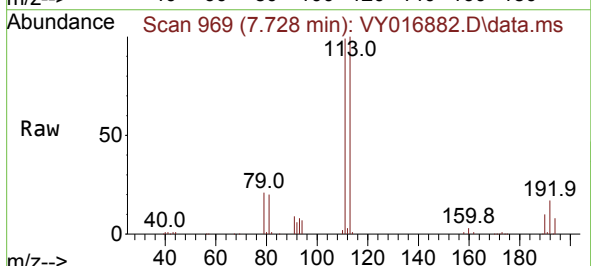
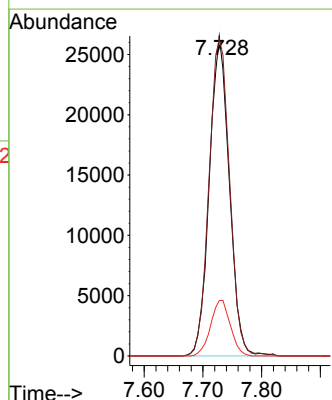
RT: 7.728 min Scan# 969

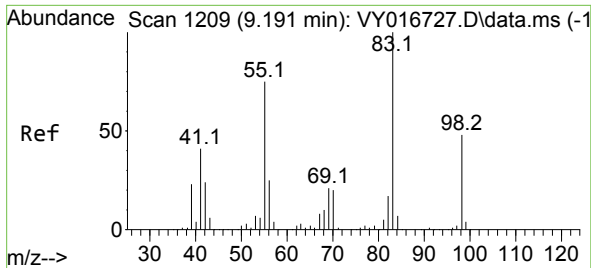
Delta R.T. 0.000 min

Lab File: VY016882.D

Acq: 27 Dec 2023 16:57

Tgt Ion:113 Resp: 62296
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.8 125.6
 192 17.3 14.5 21.7





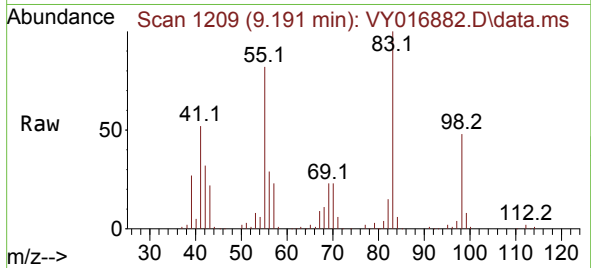
#39
Methylcyclohexane
Concen: 56.109 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

MR-321-10-12

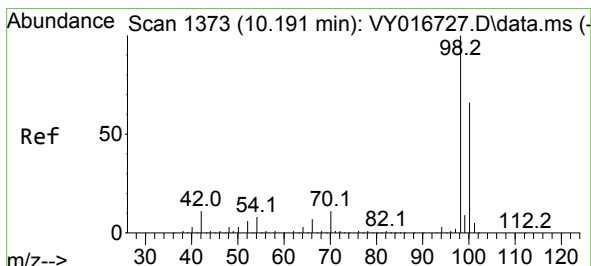
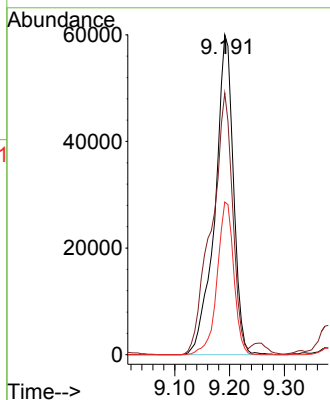
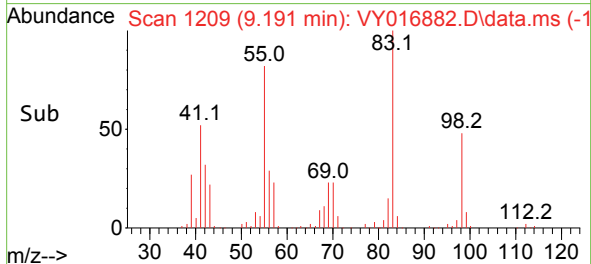


Tgt Ion: 83 Resp: 140684
Ion Ratio Lower Upper
83 100
55 81.8 59.7 89.5
98 47.7 38.0 57.0

Manual Integrations

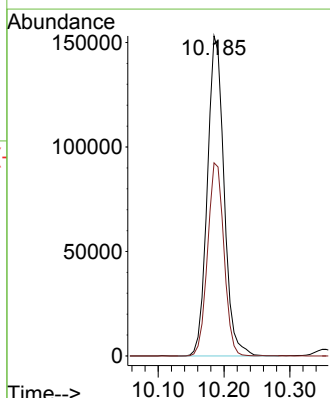
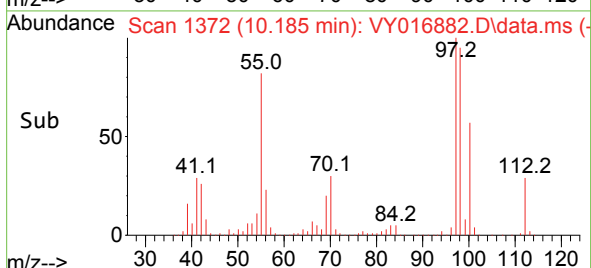
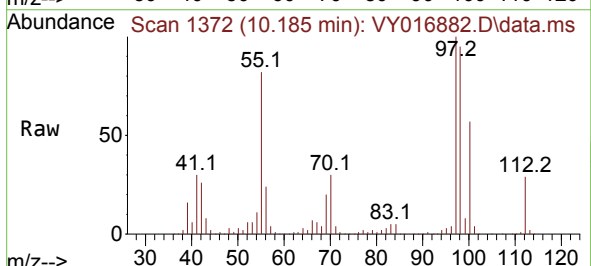
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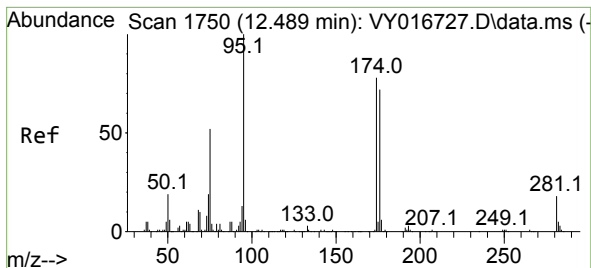
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#50
Toluene-d8
Concen: 55.440 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

Tgt Ion: 98 Resp: 270729
Ion Ratio Lower Upper
98 100
100 58.9 52.3 78.5





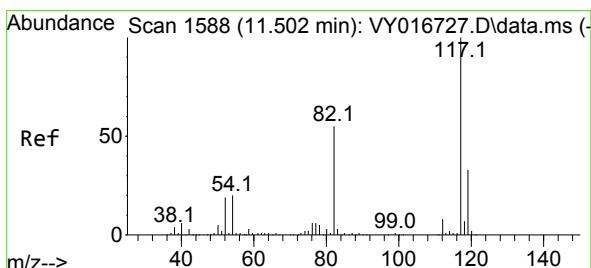
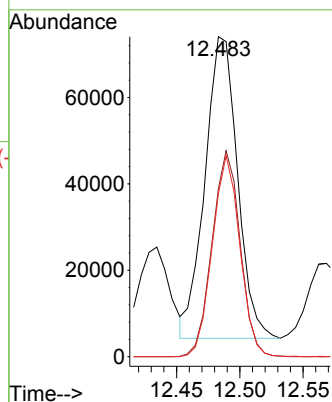
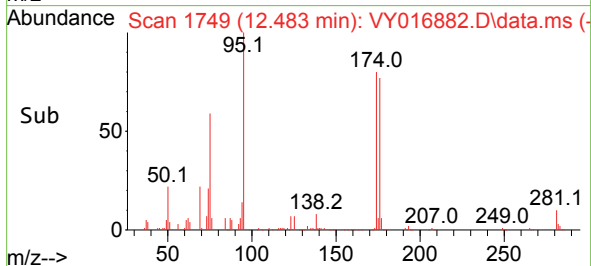
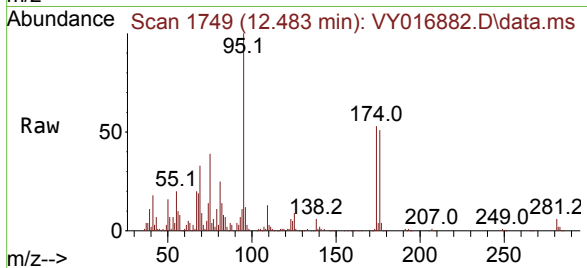
#62
4-Bromofluorobenzene
Concen: 78.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :
MR-321-10-12

Tgt Ion: 95 Resp: 124610
Ion Ratio Lower Upper
95 100
174 58.8 0.0 160.0
176 56.4 0.0 151.8

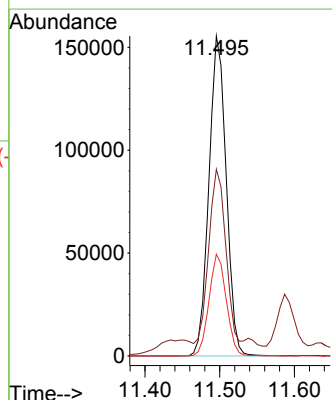
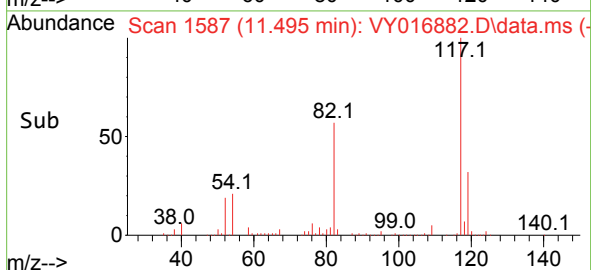
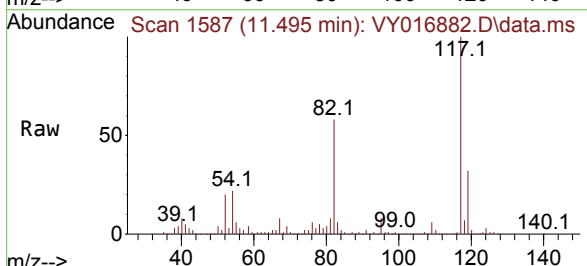
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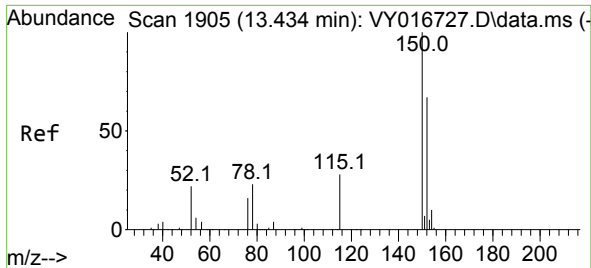
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

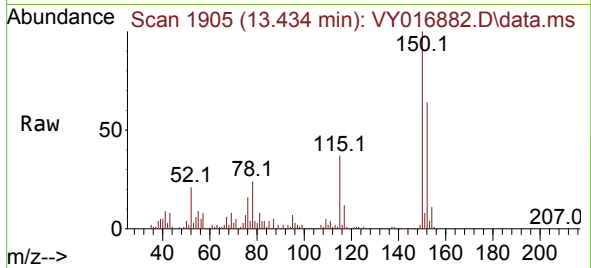
Tgt Ion:117 Resp: 249946
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.8
119 31.8 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

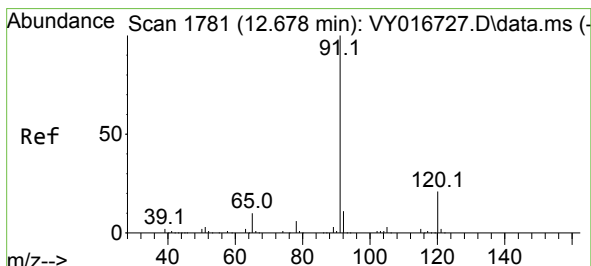
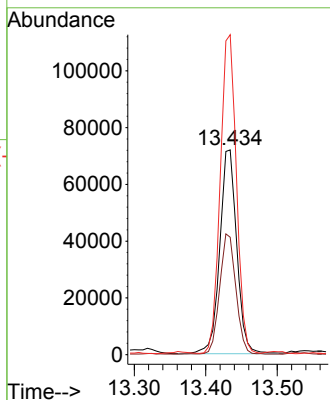
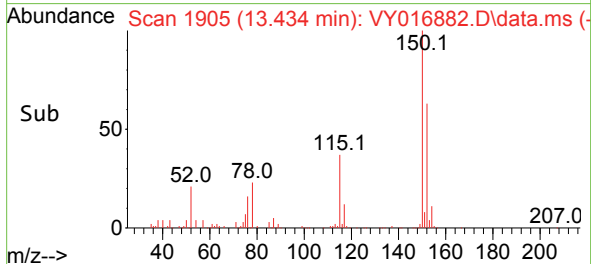
Instrument :
MSVOA_Y
ClientSampleId :
MR-321-10-12



Tgt Ion:152 Resp: 118779
Ion Ratio Lower Upper
152 100
115 56.1 30.0 90.0
150 148.1 0.0 344.6

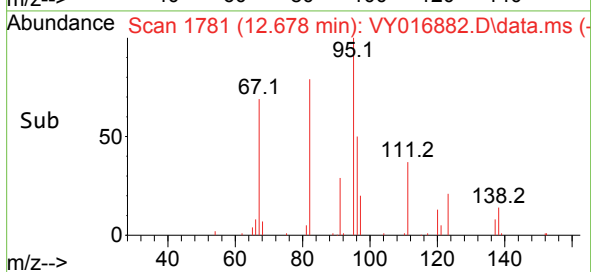
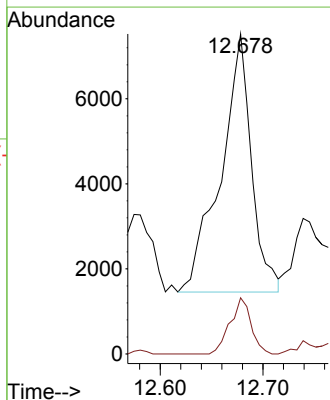
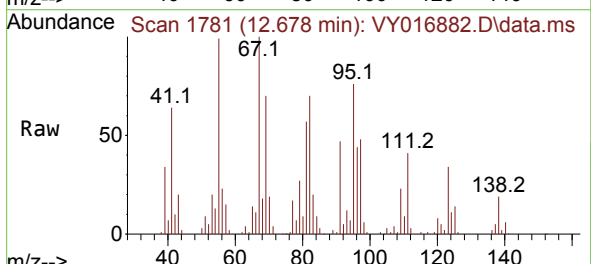
Manual Integrations
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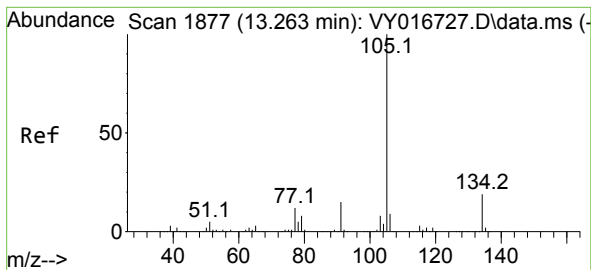
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#78
n-propylbenzene
Concen: 1.128 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY016882.D
Acq: 27 Dec 2023 16:57

Tgt Ion: 91 Resp: 12645
Ion Ratio Lower Upper
91 100
120 14.8 11.0 33.0





#85

sec-Butylbenzene

Concen: 3.226 ug/l m

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016882.D

Acq: 27 Dec 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

MR-321-10-12

Tgt Ion:105 Resp: 3043

Ion Ratio Lower Upper

105 100

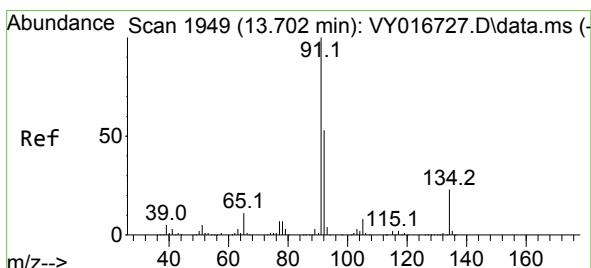
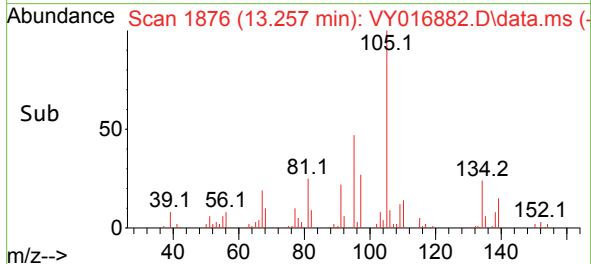
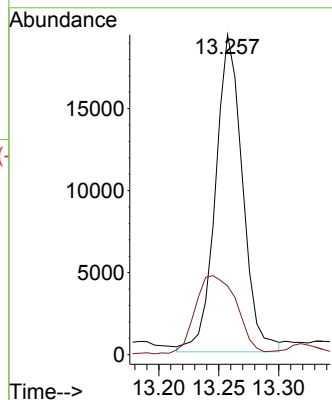
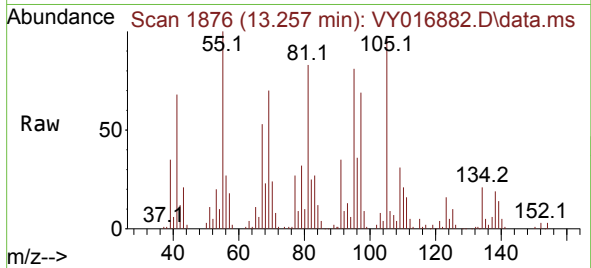
134 2.4 9.7 28.9

Manual Integrations

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Supervised By :Mahesh Dadoda 01/01/2024



#89

n-Butylbenzene

Concen: 2.784 ug/l m

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016882.D

Acq: 27 Dec 2023 16:57

Tgt Ion: 91 Resp: 20908

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.2

134 0.0 12.3 36.8

