

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019631.D
 Acq On : 19 Sep 2024 14:01
 Operator : SY/MD
 Sample : P4085-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024

Quant Time: Sep 20 01:28:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	284561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	528437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	456116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153976	58.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.634	113	162693	54.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.109	98	625199	56.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.840%
62) 4-Bromofluorobenzene	12.402	95	201468	47.280	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.560%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.103	83	35358	6.517	ug/l	93
78) n-propylbenzene	12.597	91	35410	2.343	ug/l	98
85) sec-Butylbenzene	13.176	105	42289	3.102	ug/l	# 55
89) n-Butylbenzene	13.615	91	58579m	5.494	ug/l	

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

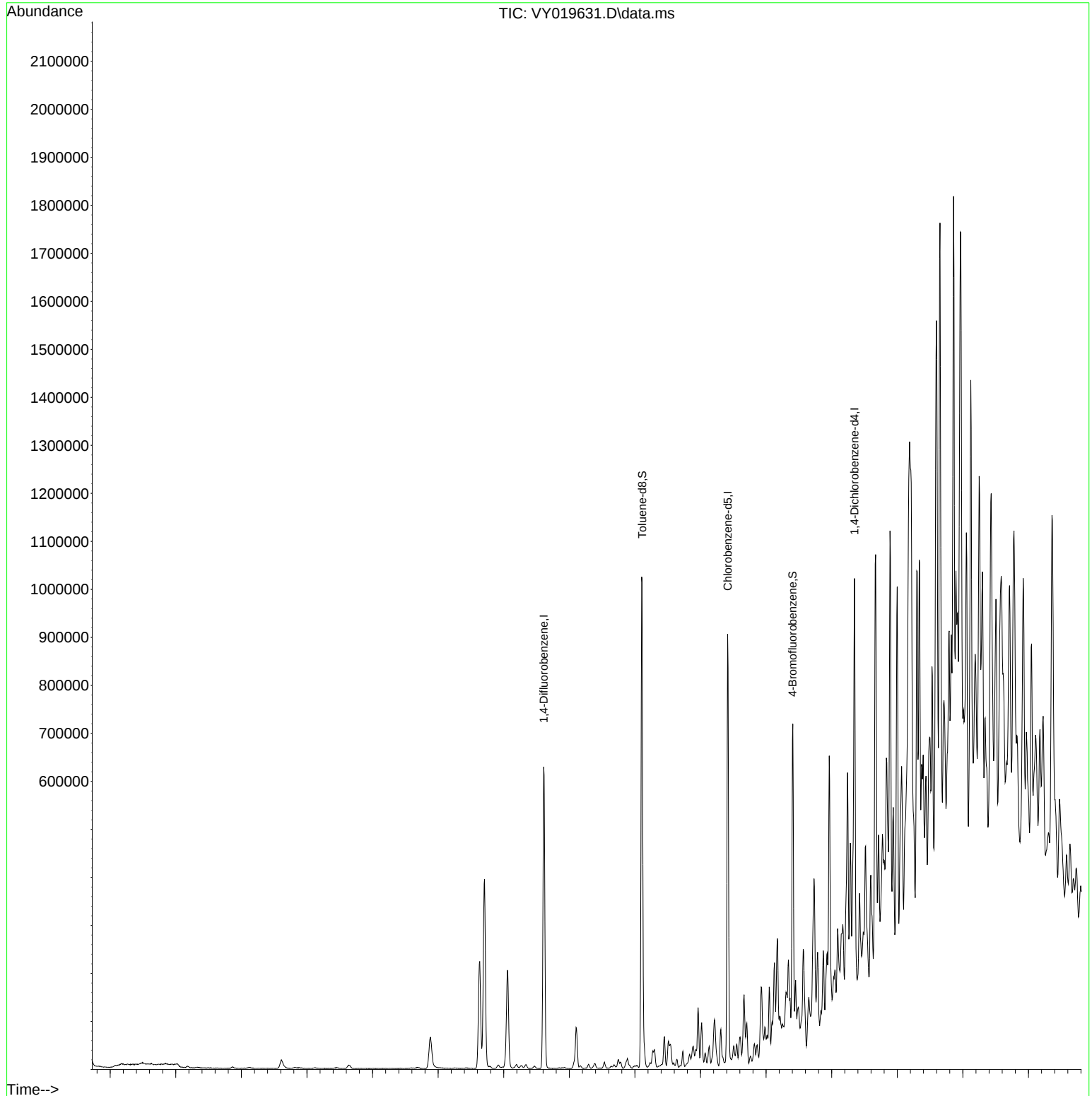
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
Data File : VY019631.D
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Operator : SY/MD
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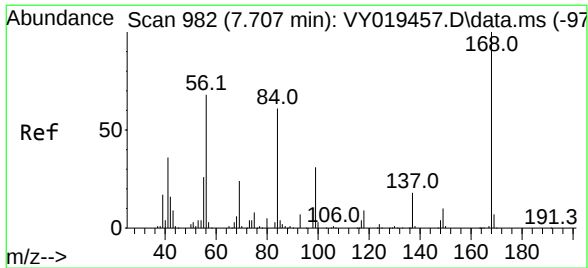
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Sep 20 01:28:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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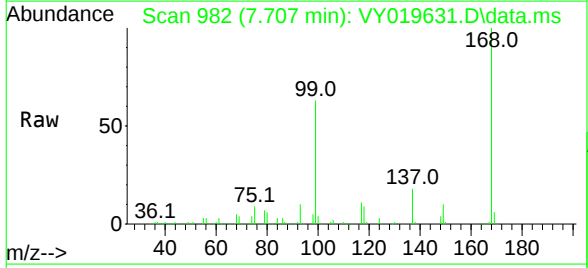
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

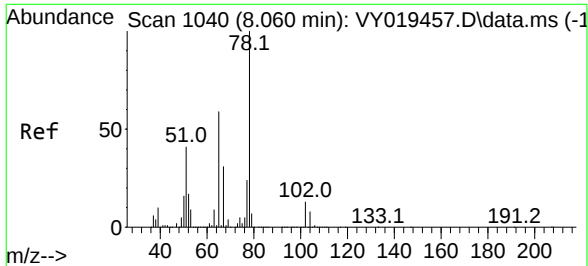
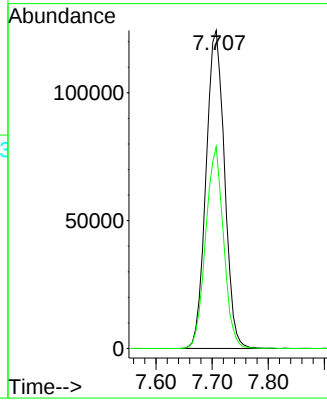
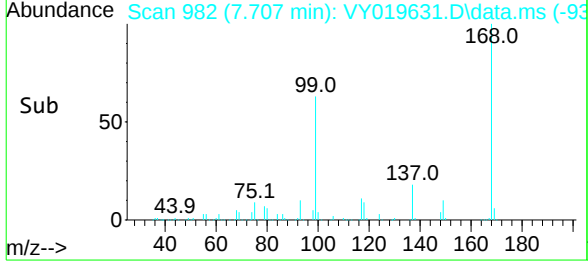
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion: 168 Resp: 284561
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#

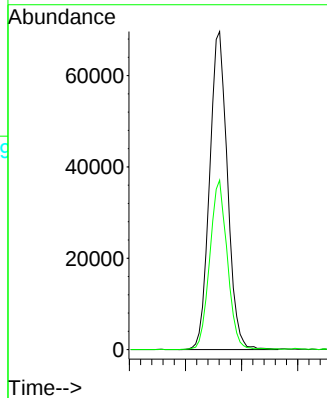
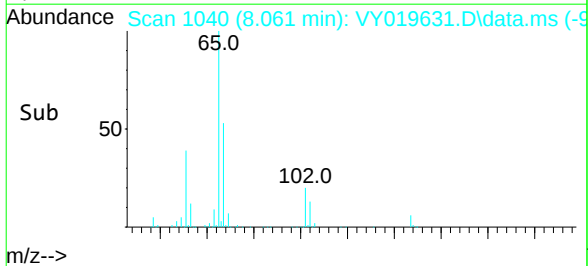
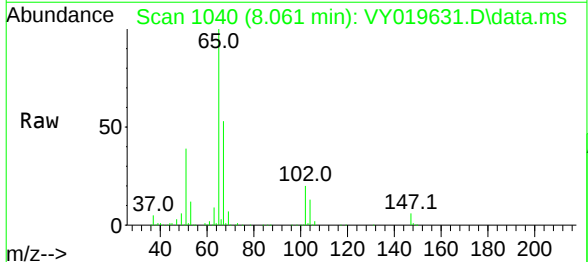
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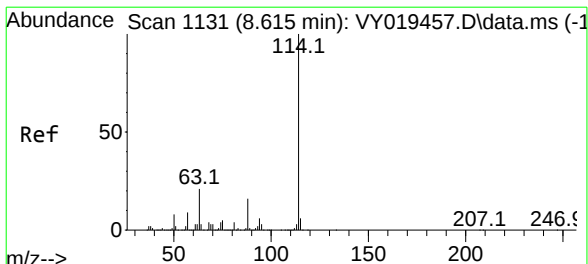
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#33
1,2-Dichloroethane-d4
Concen: 58.436 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

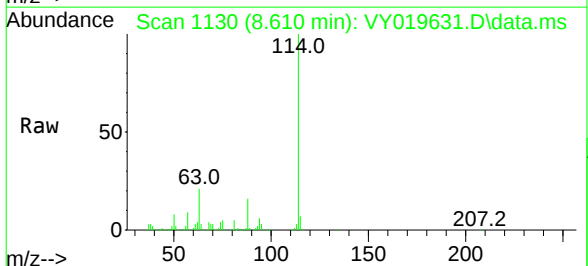
Tgt Ion: 65 Resp: 153976
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019631.D
 Acq: 19 Sep 2024 14:01

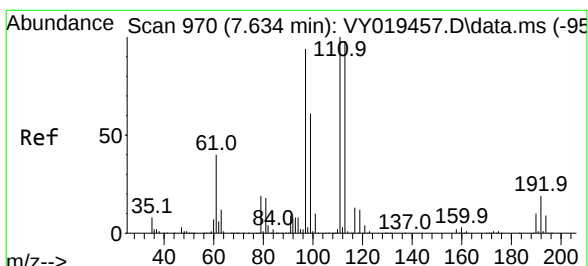
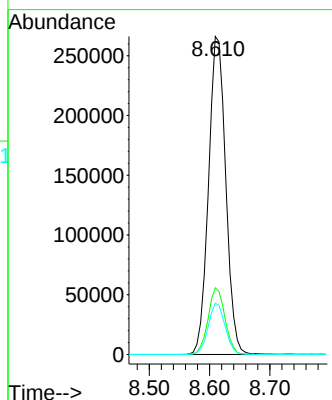
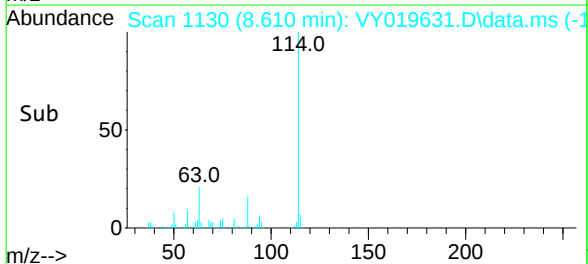
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion:	114	Resp:	528437
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	35.0
88	16.1	0.0	27.2

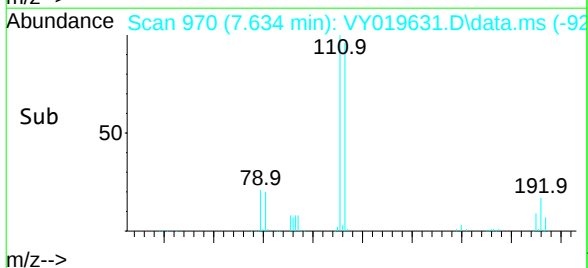
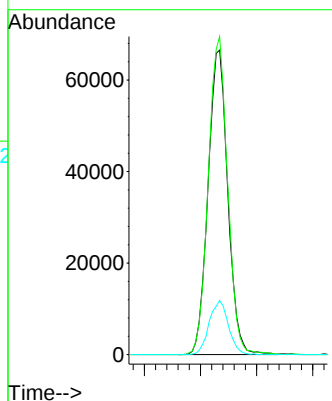
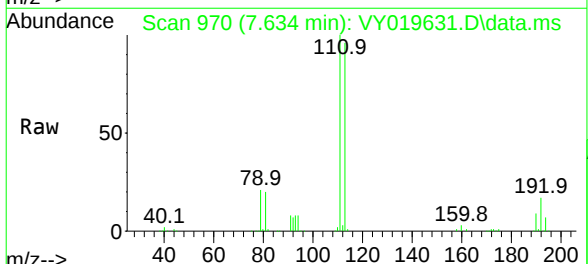
Manual Integrations
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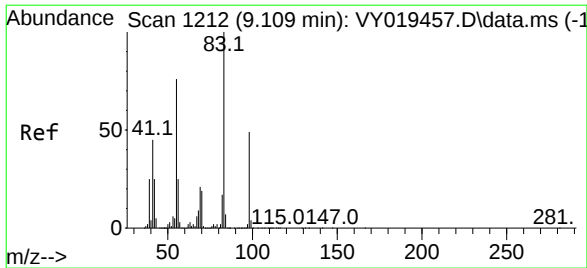
Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024



#35
 Dibromofluoromethane
 Concen: 54.301 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019631.D
 Acq: 19 Sep 2024 14:01

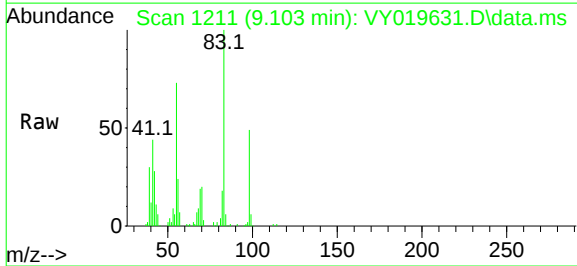
Tgt Ion:	113	Resp:	162693
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	17.3	15.9	23.9





#39
Methylcyclohexane
Concen: 6.517 ug/l
RT: 9.103 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

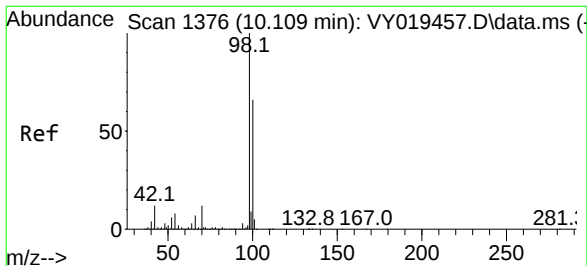
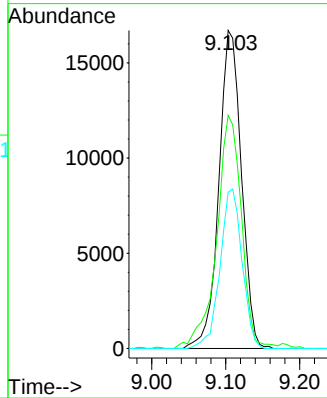
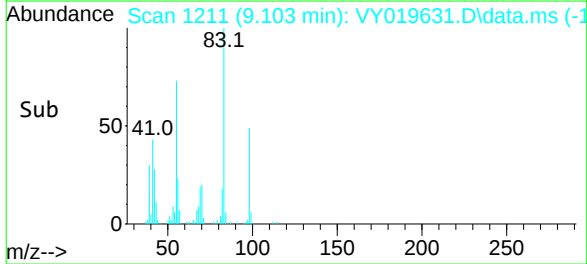
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.5	51.5	77.3
98	49.1	40.5	60.7

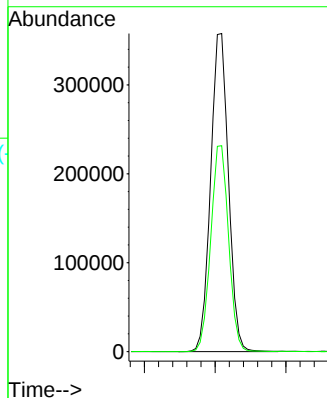
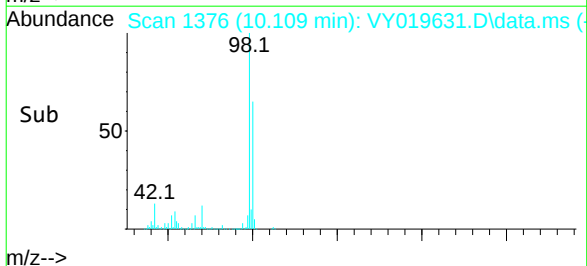
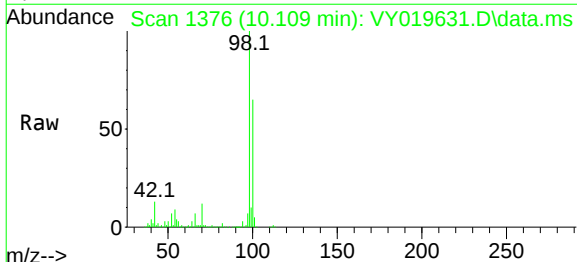
Manual Integrations
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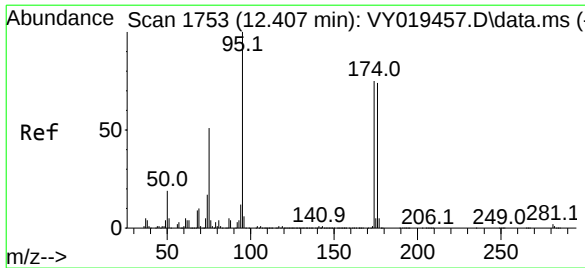
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#50
Toluene-d8
Concen: 56.416 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0





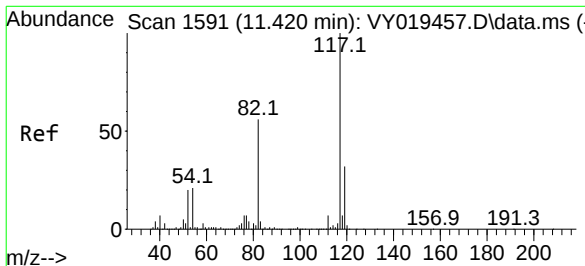
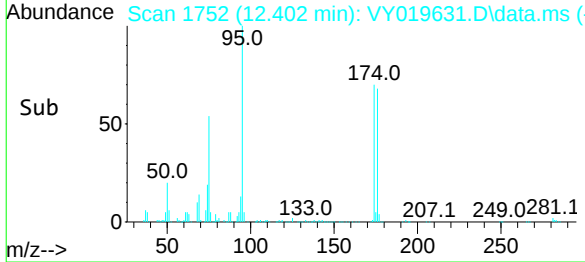
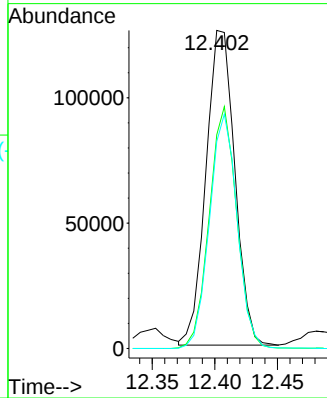
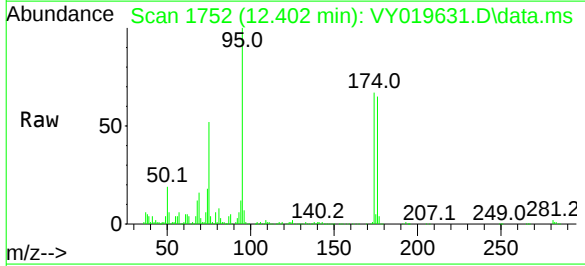
#62
4-Bromofluorobenzene
Concen: 47.280 ug/l
RT: 12.402 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:	95	Resp:	201468
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	175.6
176	71.2	0.0	171.4

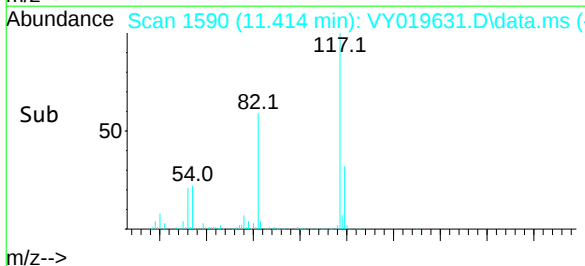
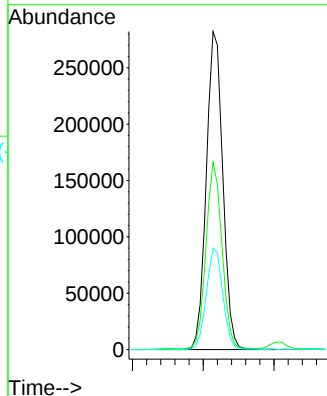
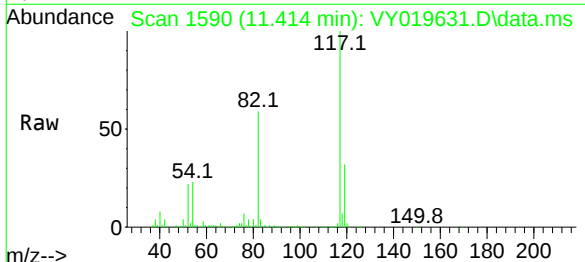
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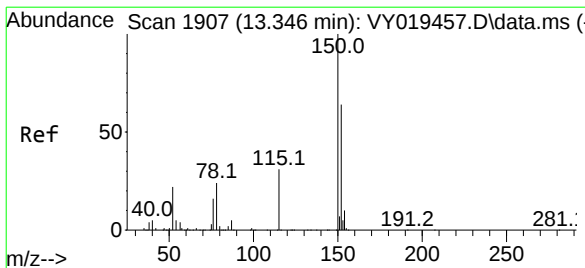
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019631.D
Acq: 19 Sep 2024 14:01

Tgt Ion:	117	Resp:	456116
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	31.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019631.D

Acq: 19 Sep 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

Tgt Ion:152 Resp: 175744

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

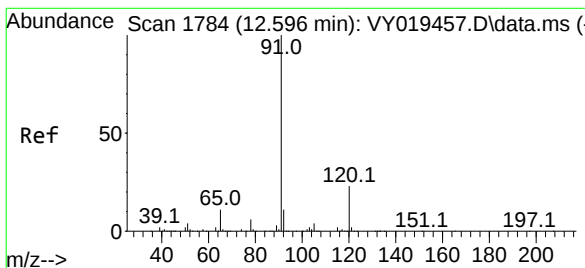
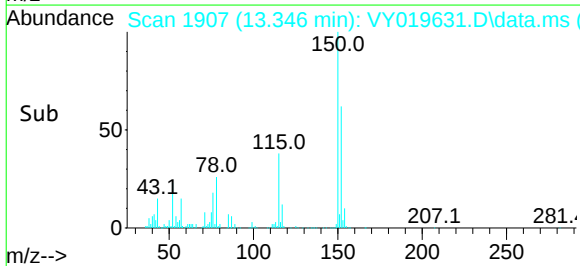
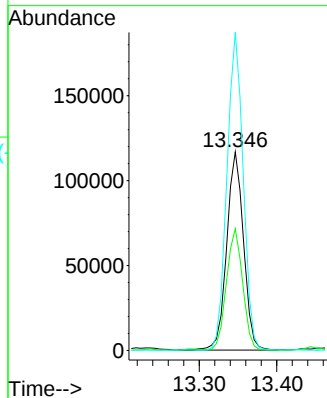
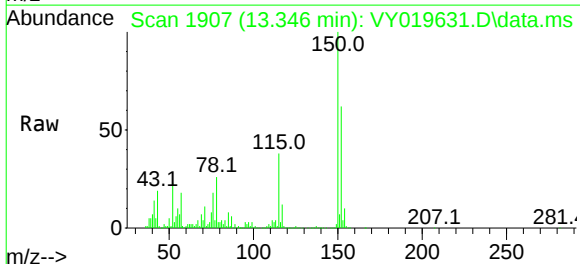
150 155.2 0.0 345.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/20/2024



#78

n-propylbenzene

Concen: 2.343 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019631.D

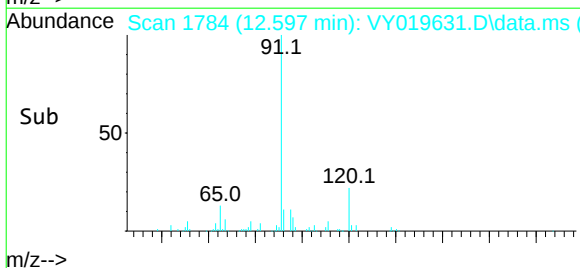
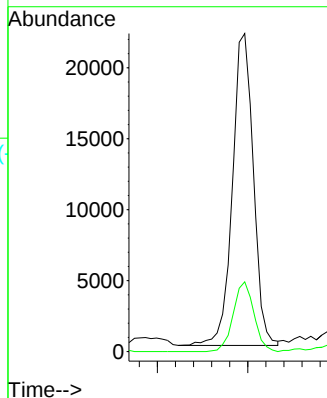
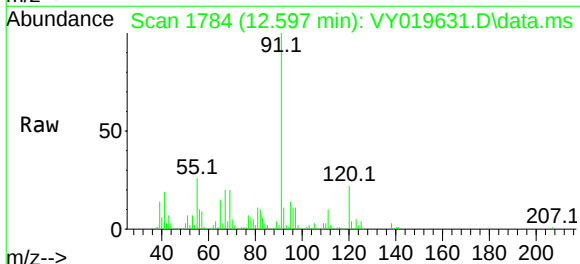
Acq: 19 Sep 2024 14:01

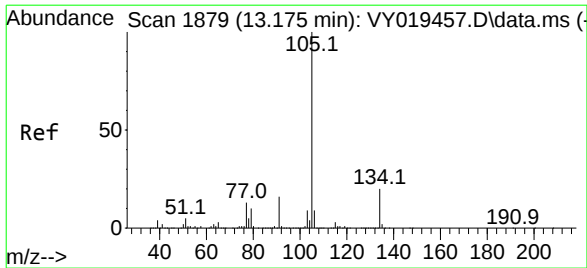
Tgt Ion: 91 Resp: 35410

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#85

sec-Butylbenzene

Concen: 3.102 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019631.D

Acq: 19 Sep 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

Tgt Ion:105 Resp: 42289

Ion Ratio Lower Upper

105 100

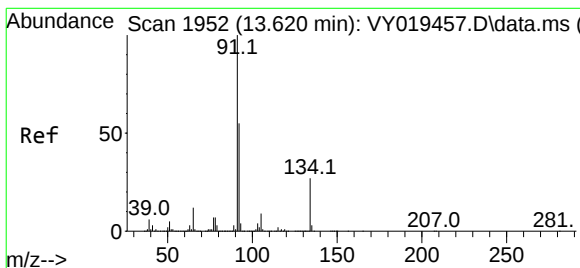
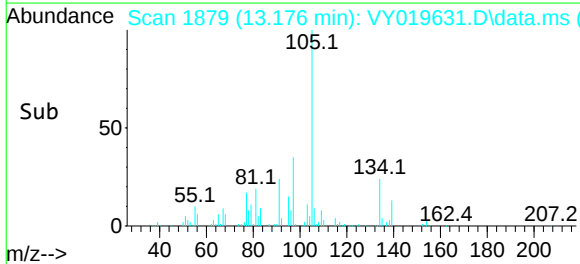
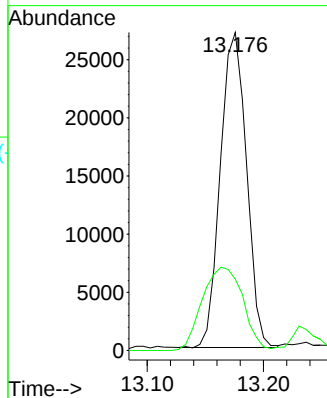
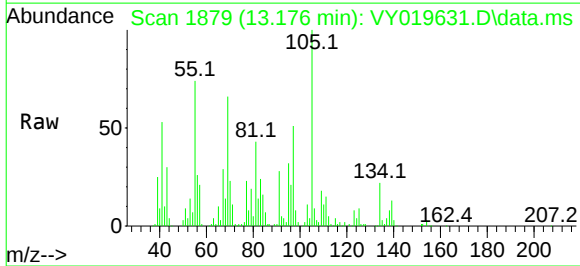
134 41.0 10.1 30.1#

Manual Integrations

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#89

n-Butylbenzene

Concen: 5.494 ug/l m

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019631.D

Acq: 19 Sep 2024 14:01

Tgt Ion: 91 Resp: 58579

Ion Ratio Lower Upper

91 100

92 51.0 26.6 79.7

134 80.0 12.9 38.7#

