

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019627.D
 Acq On : 19 Sep 2024 12:27
 Operator : SY/MD
 Sample : P4089-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 365-351-294

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:27:46 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	117789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	186343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	40001	36.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.340%		
35) Dibromofluoromethane	7.634	113	52389	49.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.180%		
50) Toluene-d8	10.109	98	204159	52.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.480%		
62) 4-Bromofluorobenzene	12.408	95	47745	31.775	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	63.540%		
Target Compounds						
16) Acetone	3.854	43	9422	36.260	ug/l	# 84
39) Methylcyclohexane	9.103	83	4088	2.137	ug/l	# 84
73) Isopropylbenzene	12.255	105	11675	3.957	ug/l	99
78) n-propylbenzene	12.597	91	15253	4.362	ug/l	99
85) sec-Butylbenzene	13.176	105	9758	3.094	ug/l	# 54
89) n-Butylbenzene	13.615	91	15084m	6.114	ug/l	

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

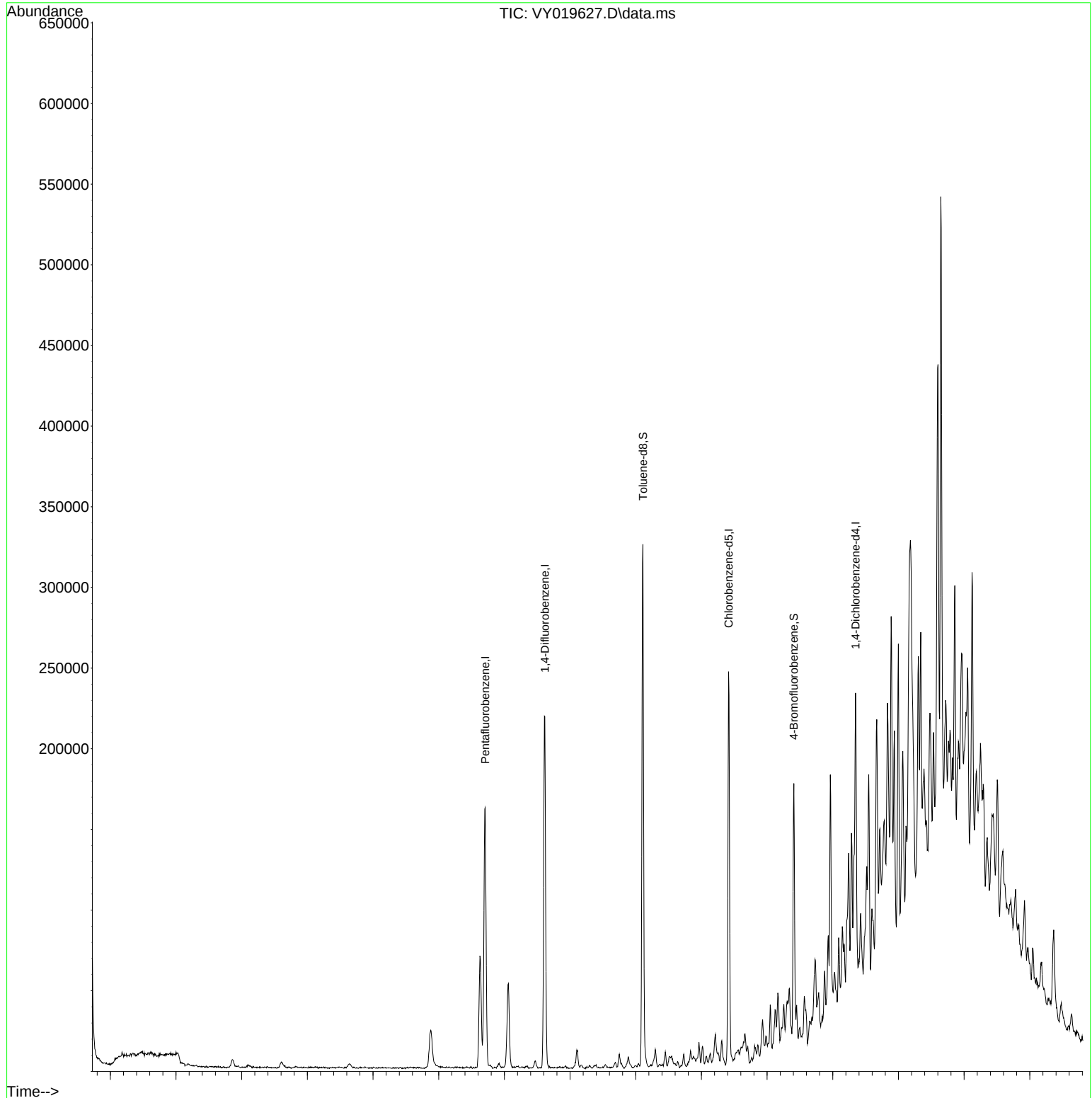
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
Data File : VY019627.D
Acq On : 19 Sep 2024 12:27
Operator : SY/MD
Sample : P4089-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

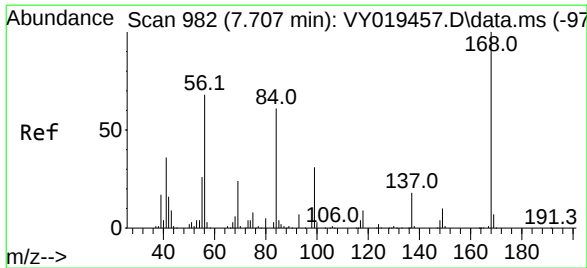
Instrument :
MSVOA_Y
ClientSampleId :
365-351-294

Manual Integrations
APPROVED

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

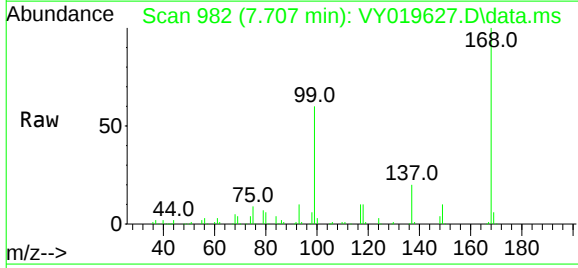
Quant Time: Sep 20 01:27:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019627.D
Acq: 19 Sep 2024 12:27

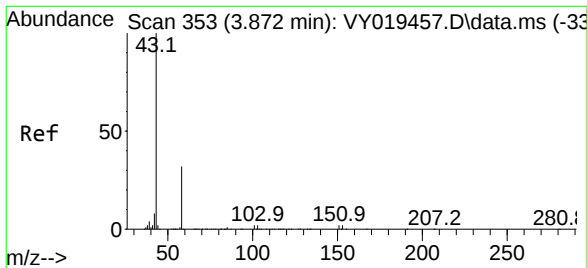
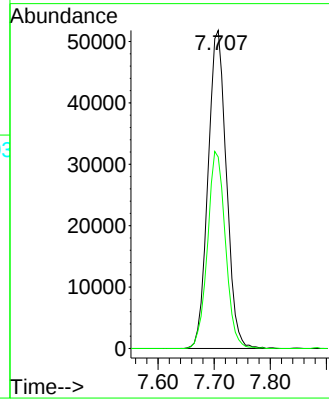
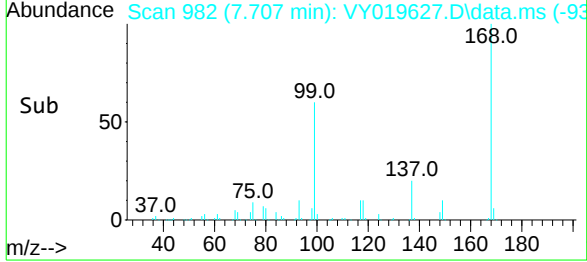
Instrument :
MSVOA_Y
ClientSampleId :
365-351-294



Tgt Ion:168 Resp: 117789
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#

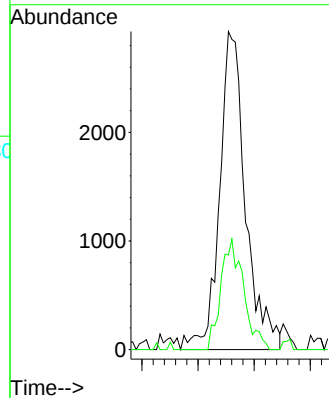
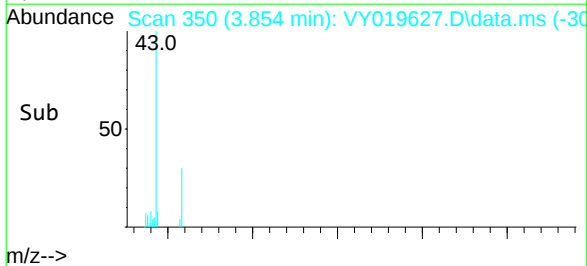
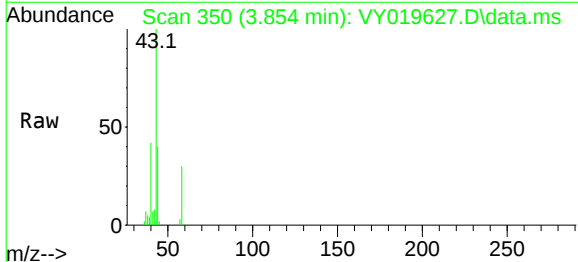
Manual Integrations
APPROVED

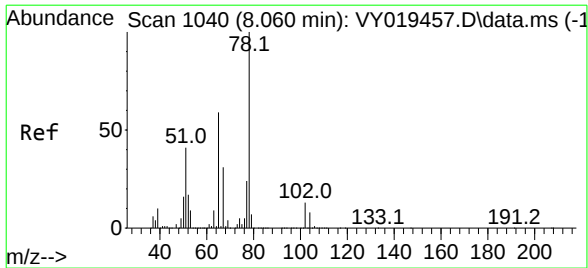
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#16
Acetone
Concen: 36.260 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019627.D
Acq: 19 Sep 2024 12:27

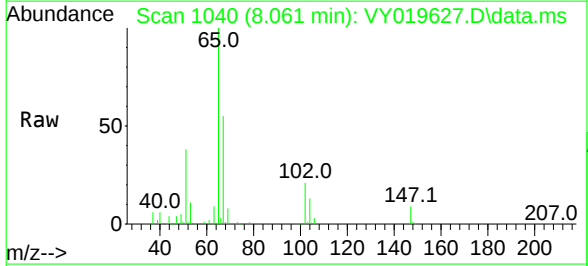
Tgt Ion: 43 Resp: 9422
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#





#33
 1,2-Dichloroethane-d4
 Concen: 36.675 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019627.D
 Acq: 19 Sep 2024 12:27

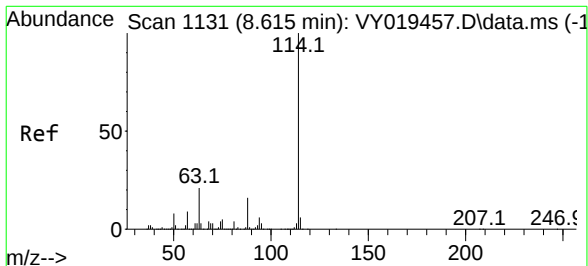
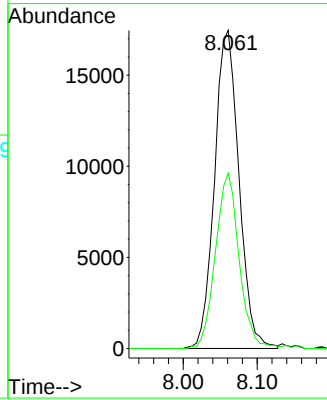
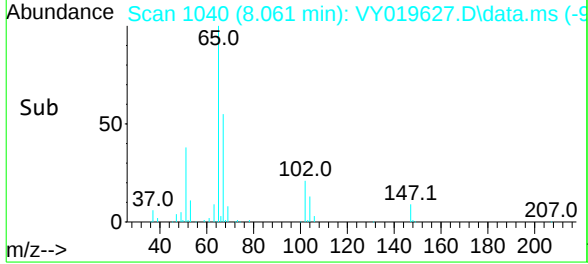
Instrument :
 MSVOA_Y
 ClientSampleId :
 365-351-294



Tgt Ion: 65 Resp: 40001
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.6

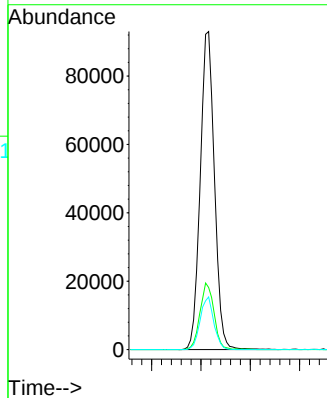
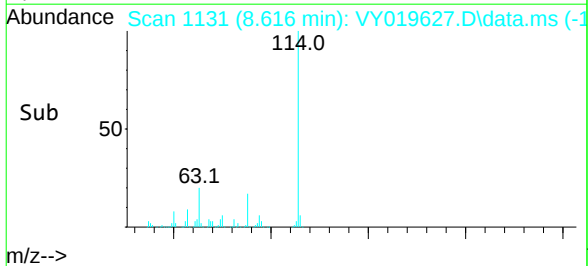
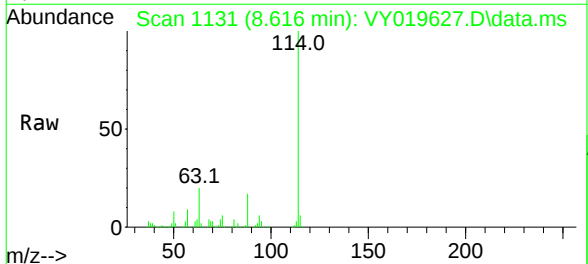
Manual Integrations
 APPROVED

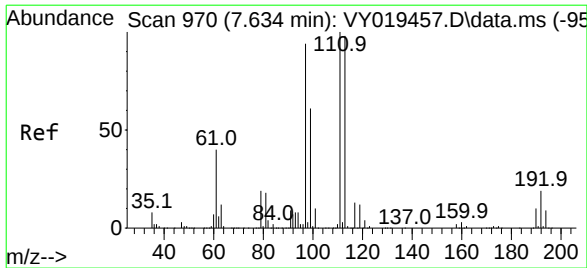
Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019627.D
 Acq: 19 Sep 2024 12:27

Tgt Ion:114 Resp: 186343
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 35.0
 88 16.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.586 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

365-351-294

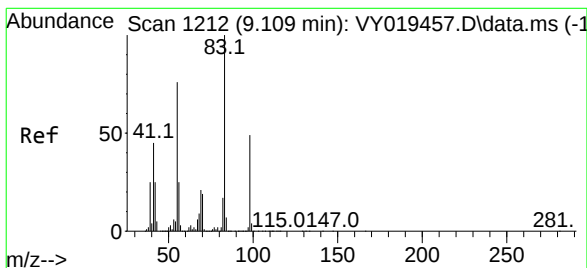
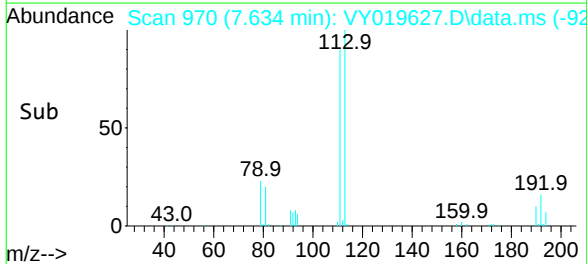
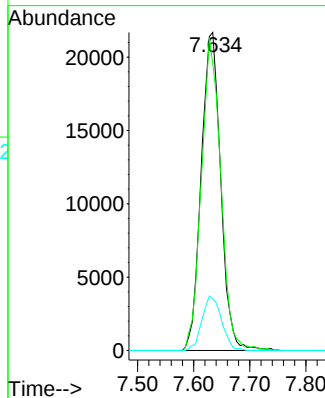
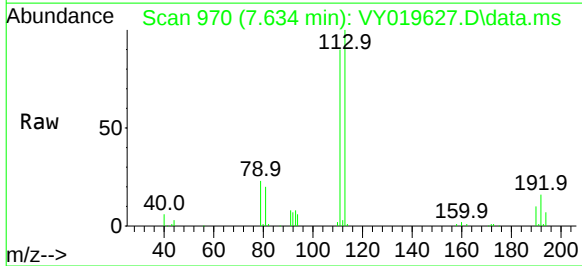
Tgt	Ion:113	Resp:	52389
Ion	Ratio	Lower	Upper
113	100		
111	98.0	82.2	123.4
192	17.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#39

Methylcyclohexane

Concen: 2.137 ug/l

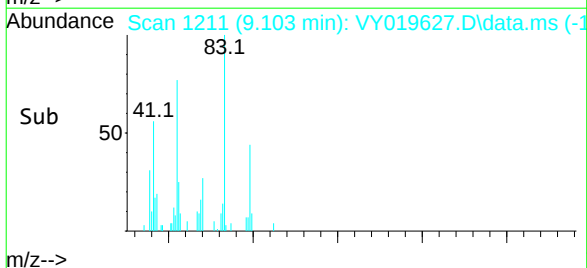
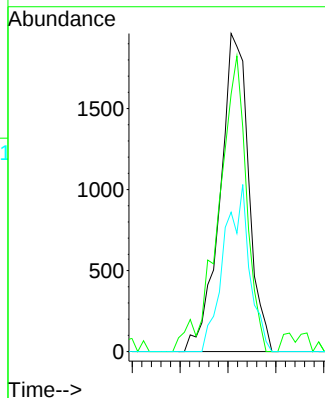
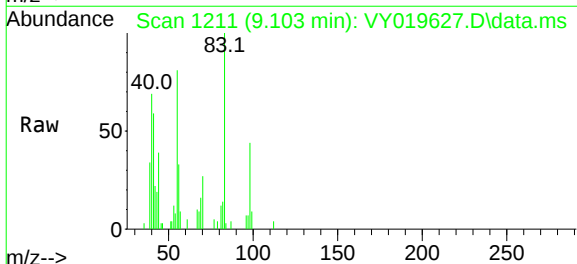
RT: 9.103 min Scan# 1211

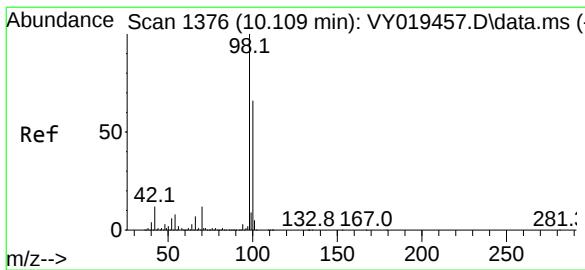
Delta R.T. -0.006 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Tgt	Ion: 83	Resp:	4088
Ion	Ratio	Lower	Upper
83	100		
55	80.9	51.5	77.3#
98	43.8	40.5	60.7





#50

Toluene-d8

Concen: 52.243 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

365-351-294

Tgt Ion: 98 Resp: 204159

Ion Ratio Lower Upper

98 100

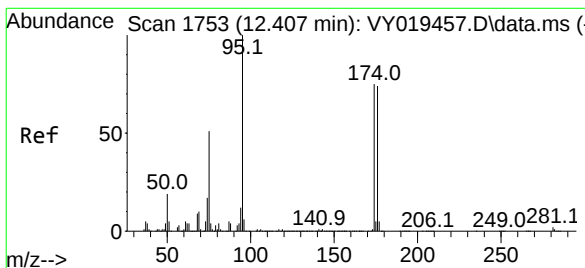
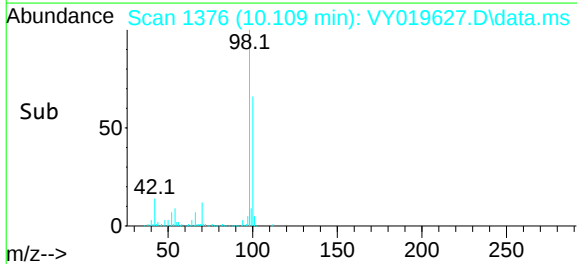
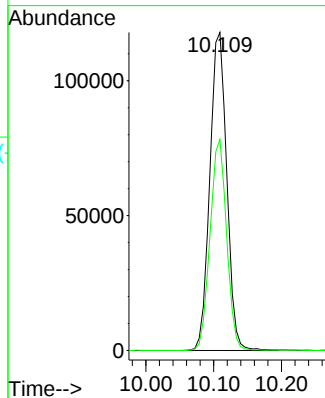
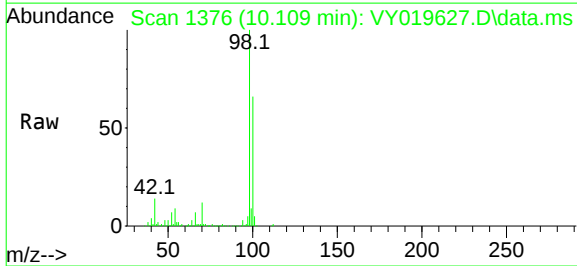
100 65.0 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#62

4-Bromofluorobenzene

Concen: 31.775 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

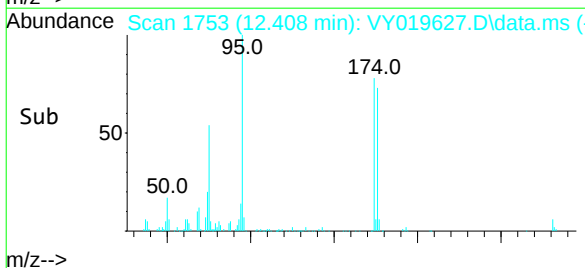
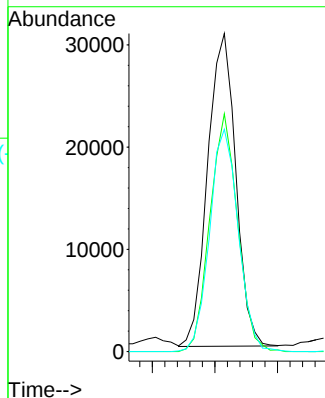
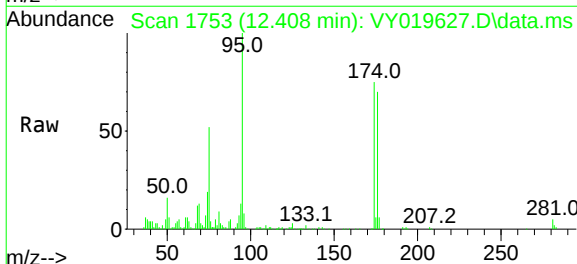
Tgt Ion: 95 Resp: 47745

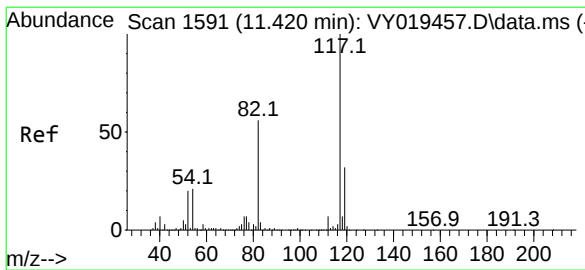
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

365-351-294

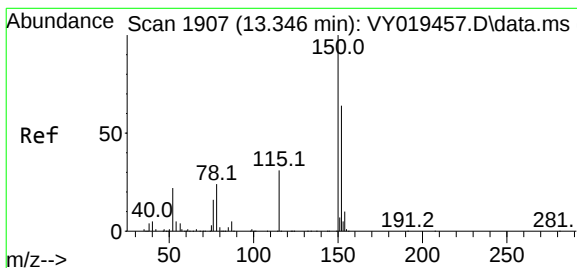
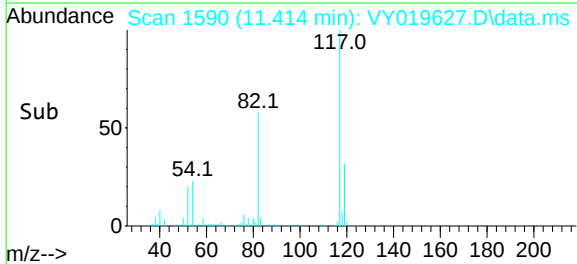
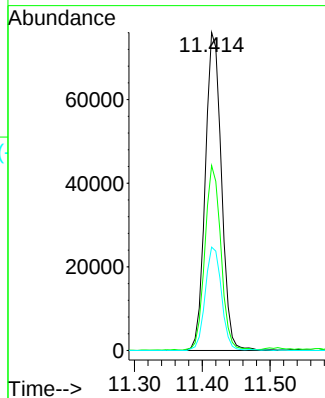
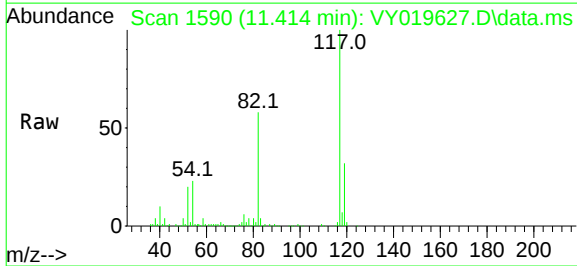
Tgt Ion:	117	Resp:	125920
Ion	Ratio	Lower	Upper
117	100		
82	58.0	42.4	63.6
119	32.5	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

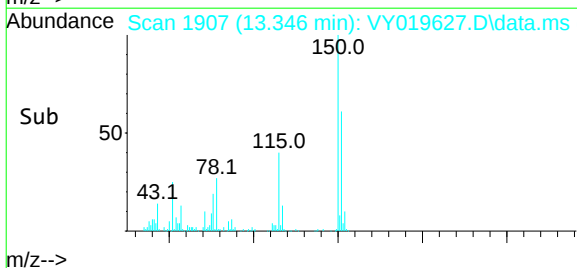
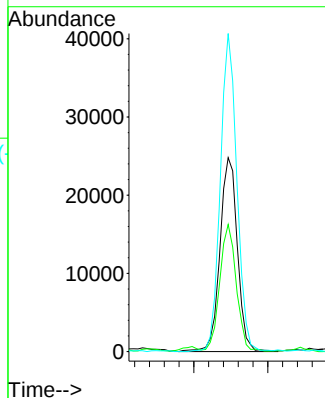
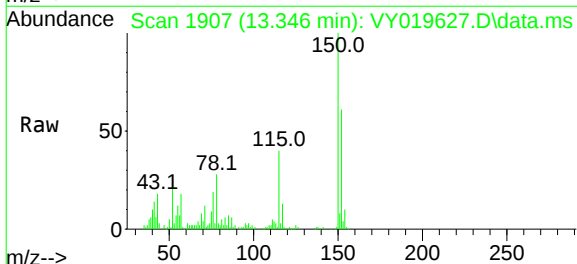
RT: 13.346 min Scan# 1907

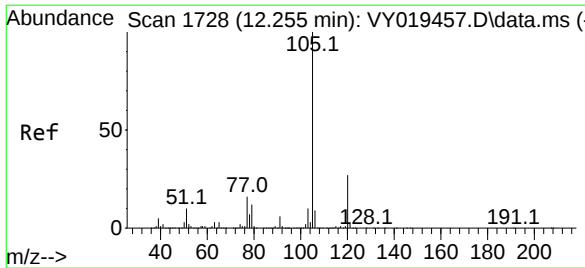
Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Tgt Ion:	152	Resp:	40666
Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.2	84.7
150	155.3	0.0	345.6





#73

Isopropylbenzene

Concen: 3.957 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Instrument :

MSVOA_Y

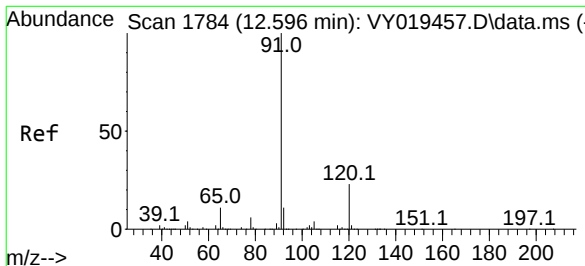
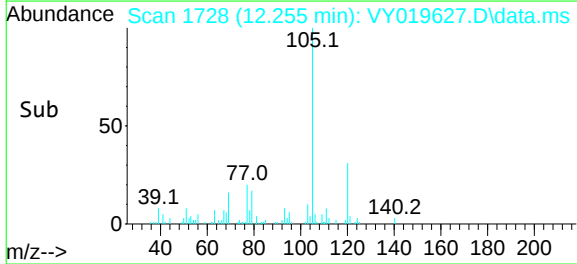
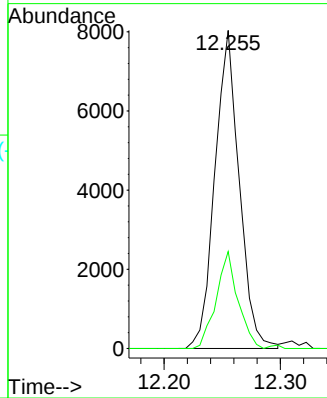
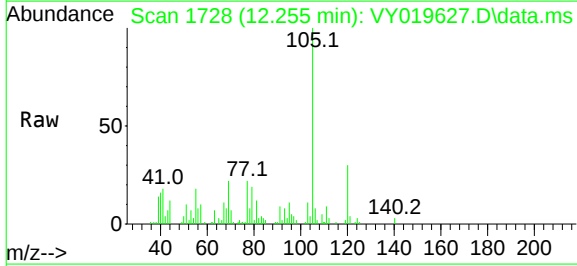
ClientSampleId :

365-351-294

Tgt Ion: 105 Resp: 11675
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.4 40.1

Manual Integrations
 APPROVED

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



#78

n-propylbenzene

Concen: 4.362 ug/l

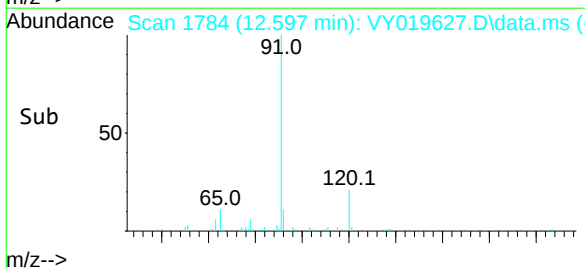
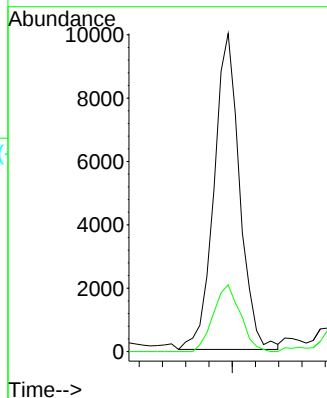
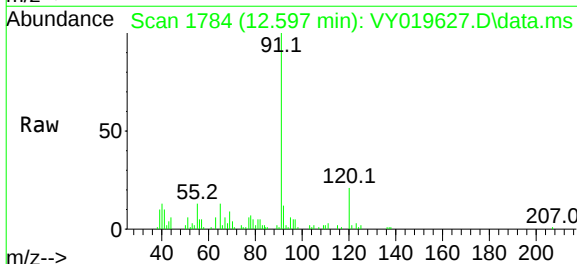
RT: 12.597 min Scan# 1784

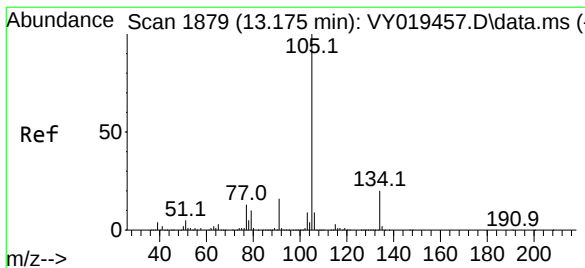
Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Tgt Ion: 91 Resp: 15253
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





#85

sec-Butylbenzene

Concen: 3.094 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

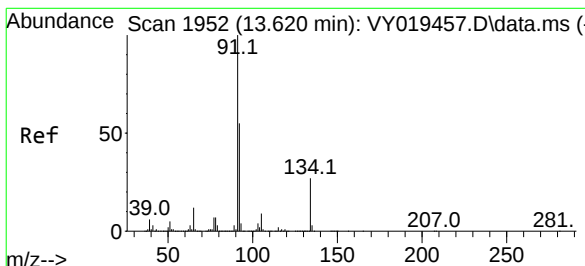
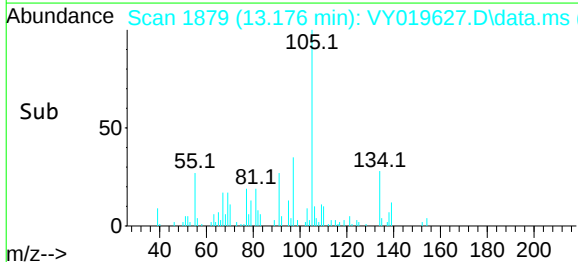
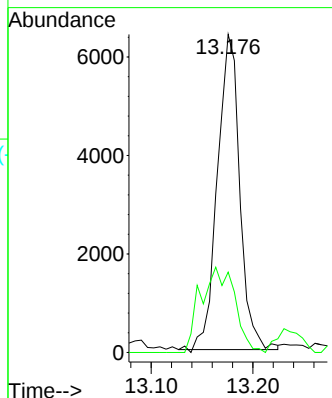
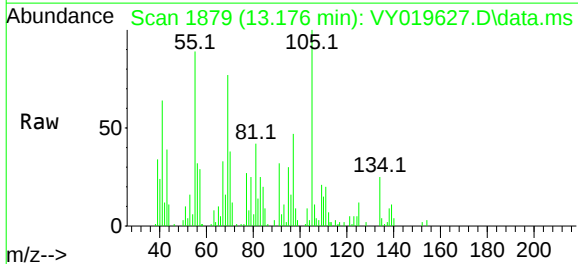
365-351-294

Tgt	Ion:	105	Resp:	9758
Ion	Ratio	Lower	Upper	
105	100			
134	41.4	10.1	30.1	#

Manual Integrations

APPROVED

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



#89

n-Butylbenzene

Concen: 6.114 ug/l m

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019627.D

Acq: 19 Sep 2024 12:27

Tgt	Ion:	91	Resp:	15084
Ion	Ratio	Lower	Upper	
91	100			
92	46.3	26.6	79.7	
134	0.0	12.9	38.7	#

