

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018381.D
 Acq On : 28 May 2024 15:36
 Operator : SY/MD
 Sample : P2330-22RE
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-3(5.0-6.0)RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

Quant Time: May 29 01:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	97182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54457	59.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.300%			
35) Dibromofluoromethane	7.704	113	57320	51.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.780%			
50) Toluene-d8	10.173	98	215648	50.067	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.477	95	53166	39.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.900%			
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	6512	34.388	ug/l #	82
18) Methyl Acetate	4.466	43	2882m	5.742	ug/l	
20) Methylene Chloride	4.698	84	14262	9.123	ug/l #	94
80) 1,3,5-Trimethylbenzene	12.806	105	2990	1.185	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	7076	2.852	ug/l	97
95) Naphthalene	15.233	128	112911	83.894	ug/l	98

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

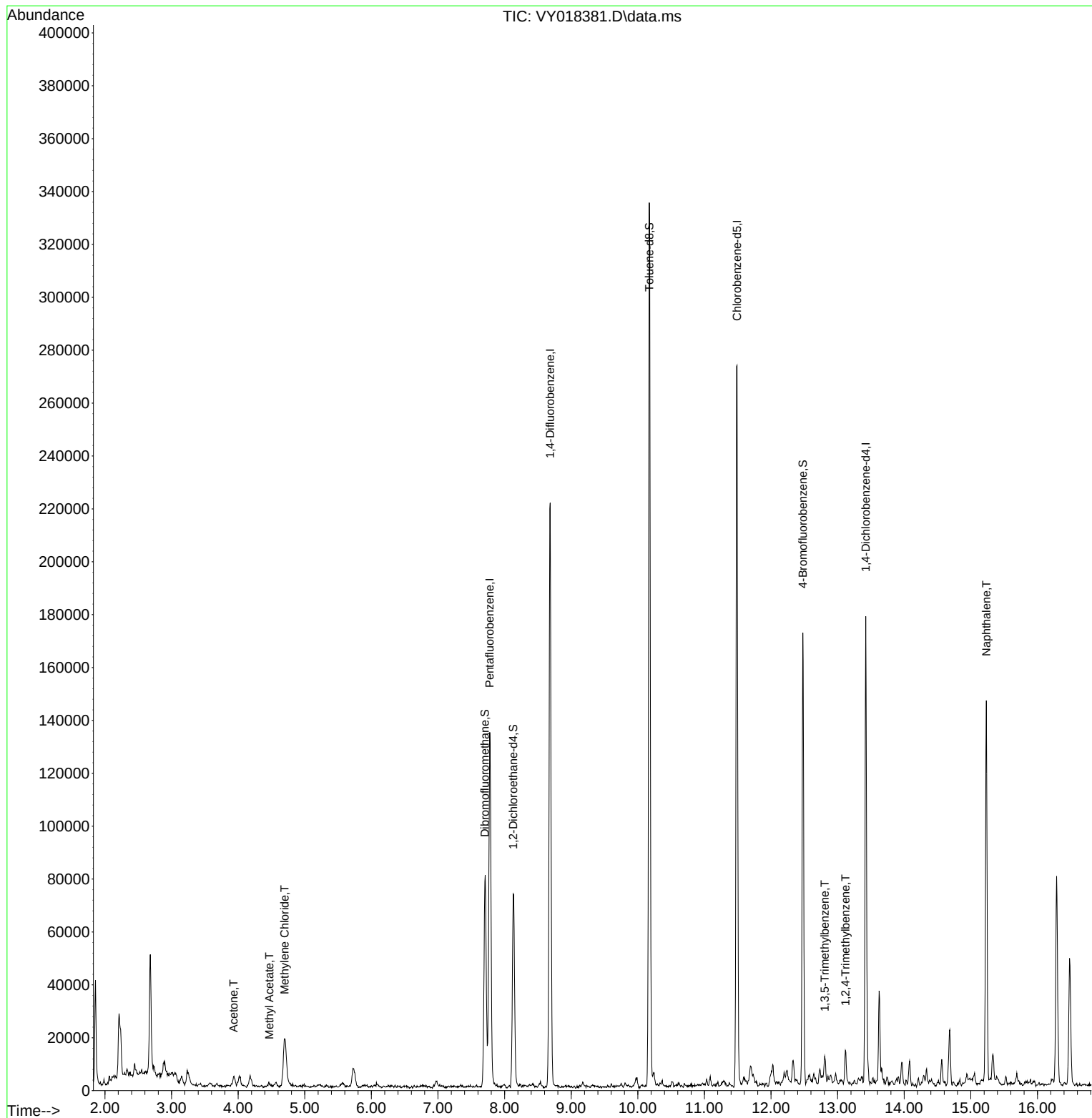
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
Data File : VY018381.D
Acq On : 28 May 2024 15:36
Operator : SY/MD
Sample : P2330-22RE
Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

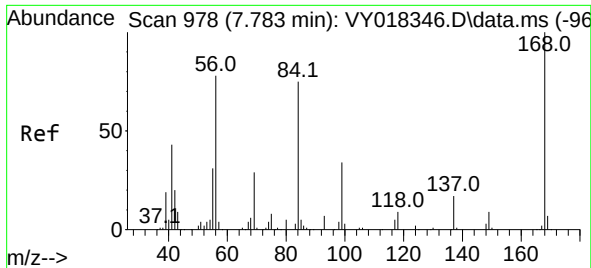
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)RE

Quant Time: May 29 01:19:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

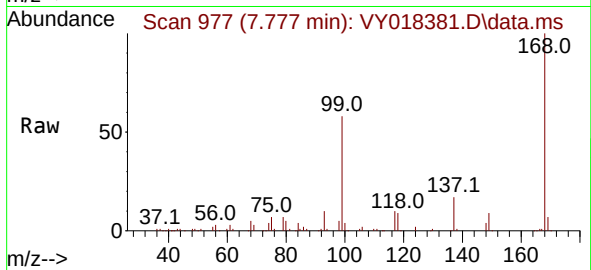
Reviewed By :Mahesh Dadoda 05/29/2024
Supervised By :Semsettin Yesilyurt 05/29/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

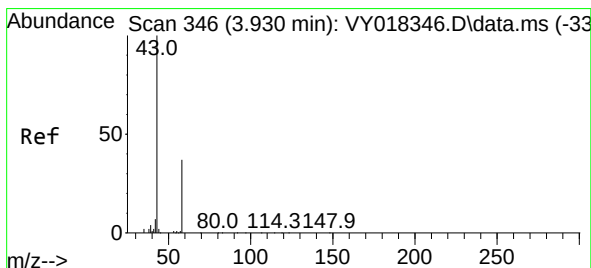
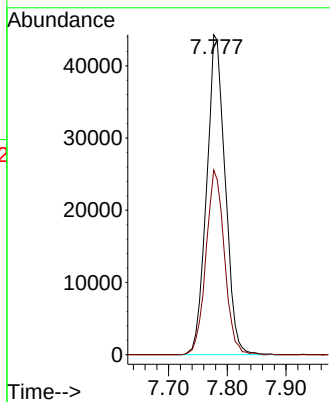
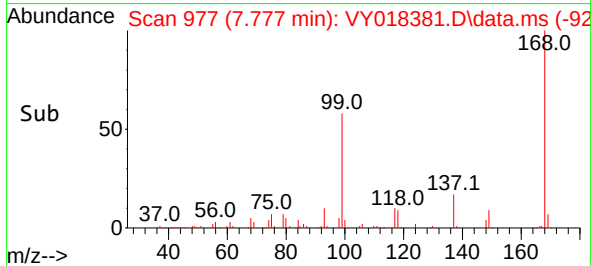
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)RE



Tgt Ion:168 Resp: 9718
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7

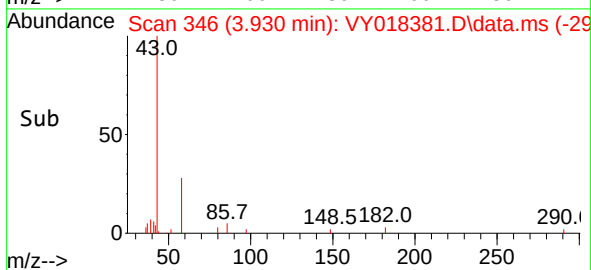
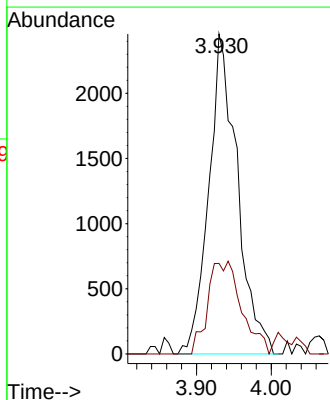
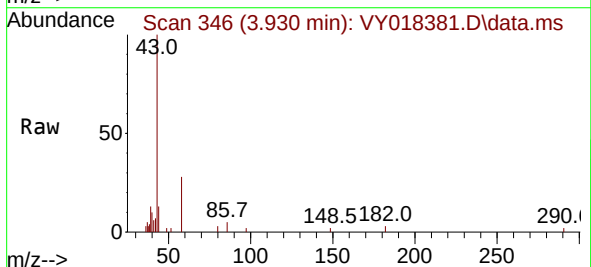
Manual Integrations
APPROVED

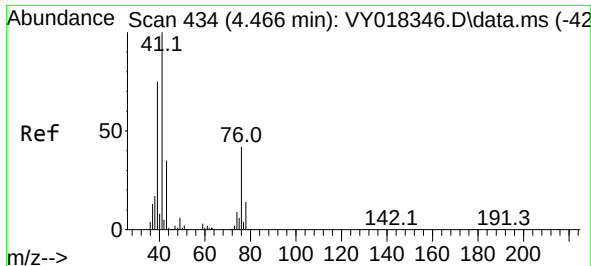
Reviewed By :Mahesh Dadoda 05/29/2024
Supervised By :Semsettin Yesilyurt 05/29/2024



#16
Acetone
Concen: 34.388 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

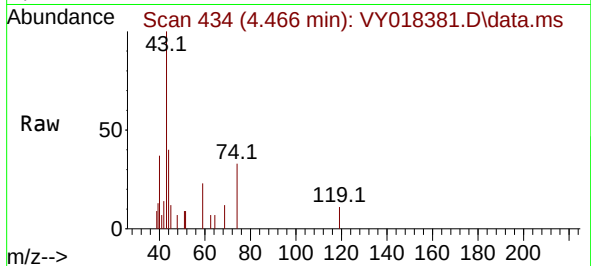
Tgt Ion: 43 Resp: 6512
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#





#18
Methyl Acetate
Concen: 5.742 ug/l m
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

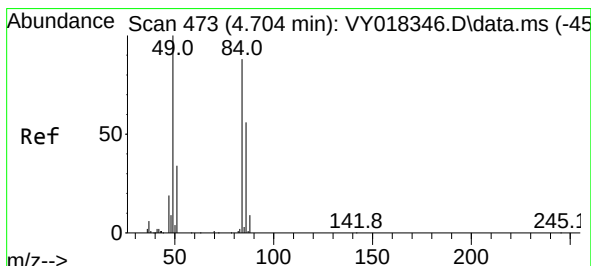
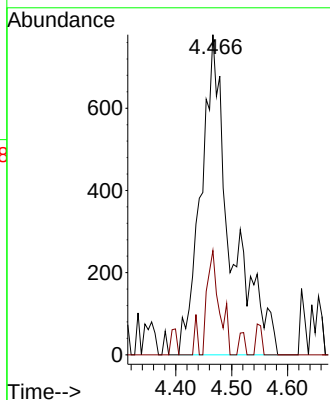
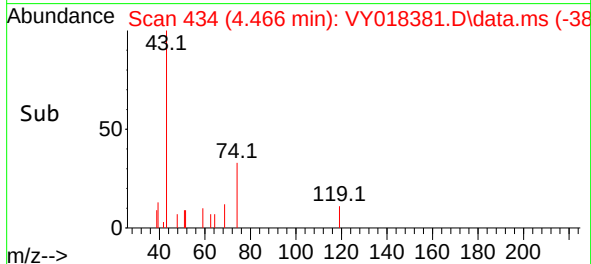
Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)RE



Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
74 13.3 23.3 34.9

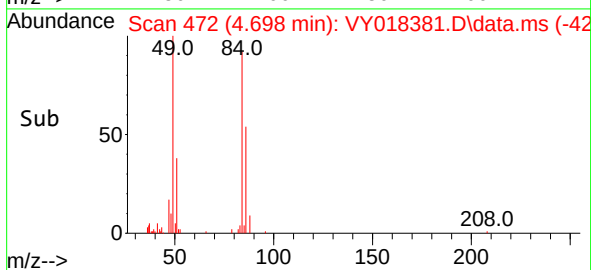
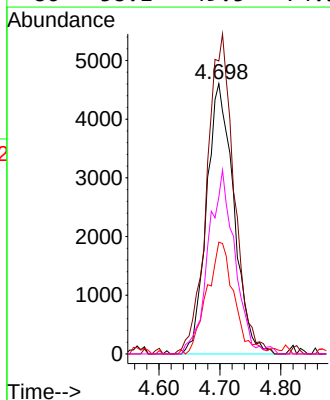
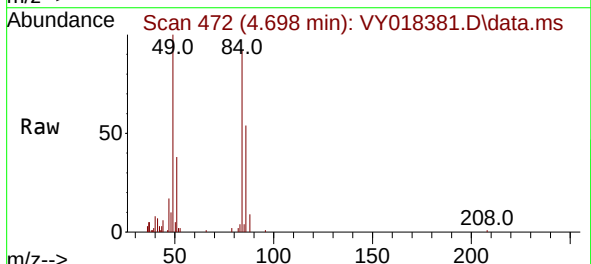
Manual Integrations
APPROVED

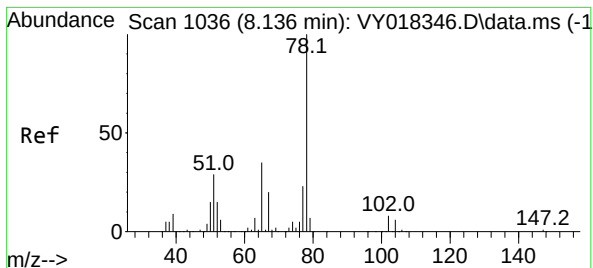
Reviewed By :Mahesh Dadoda 05/29/2024
Supervised By :Semsettin Yesilyurt 05/29/2024



#20
Methylene Chloride
Concen: 9.123 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

Tgt Ion: 84 Resp: 14262
Ion Ratio Lower Upper
84 100
49 108.4 84.4 126.6
51 41.4 26.0 39.0#
86 58.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 59.146 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018381.D

Acq: 28 May 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

H-3(5.0-6.0)RE

Tgt Ion: 65 Resp: 5445

Ion Ratio Lower Upper

65 100

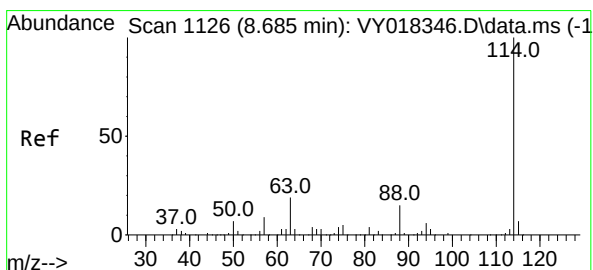
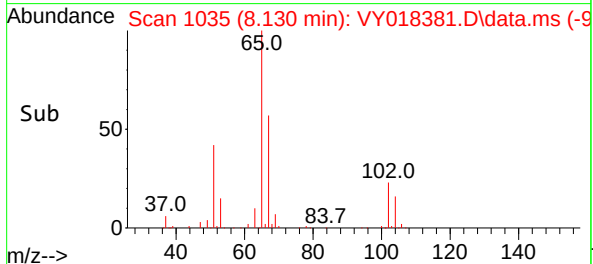
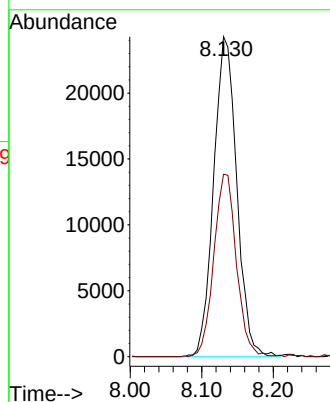
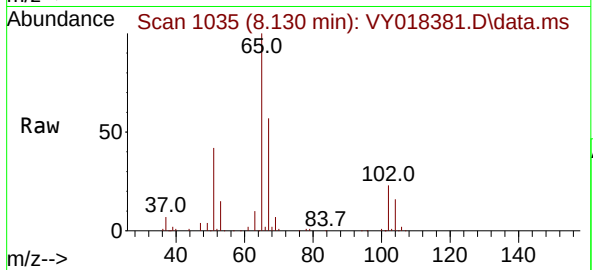
67 55.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024

Supervised By :Semsettin Yesilyurt 05/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018381.D

Acq: 28 May 2024 15:36

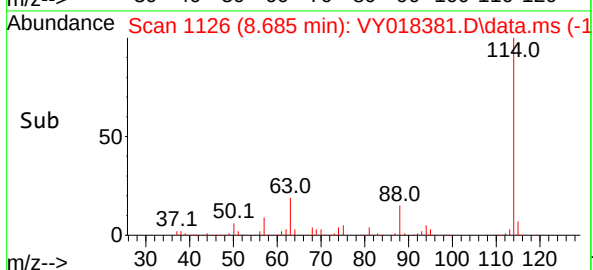
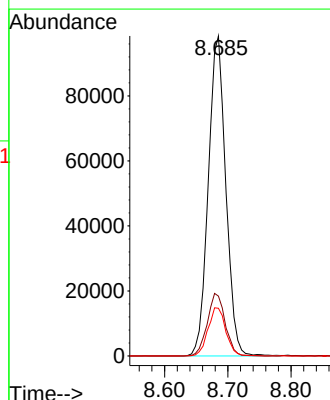
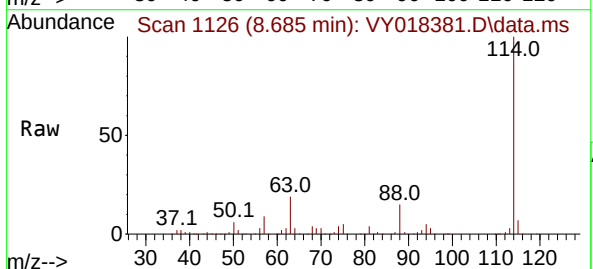
Tgt Ion:114 Resp: 189444

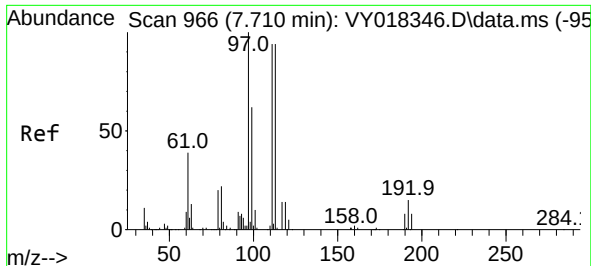
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.9 0.0 27.2





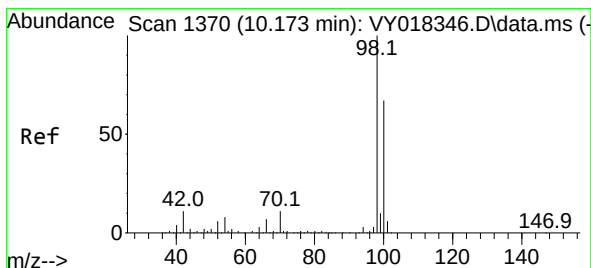
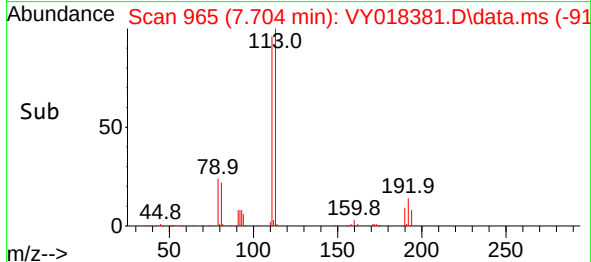
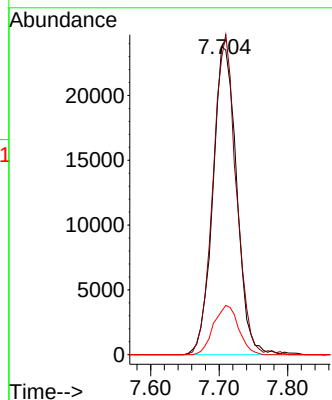
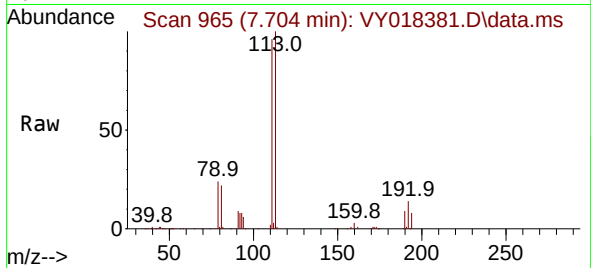
#35
Dibromofluoromethane
Concen: 51.885 ug/l
RT: 7.704 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)RE

Tgt Ion:113 Resp: 57320
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.7 15.9 23.9

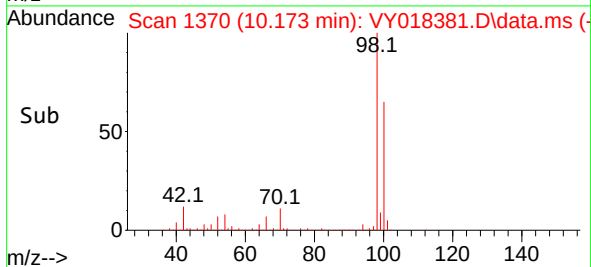
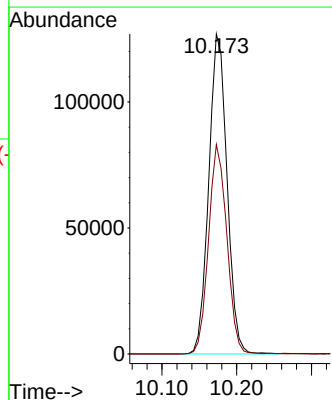
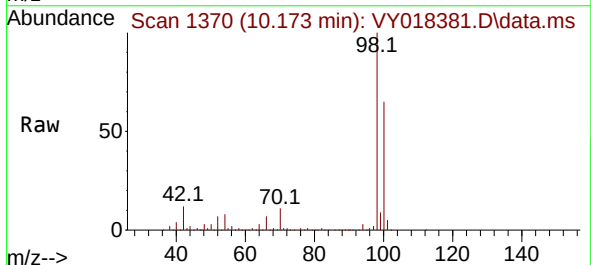
Manual Integrations
APPROVED

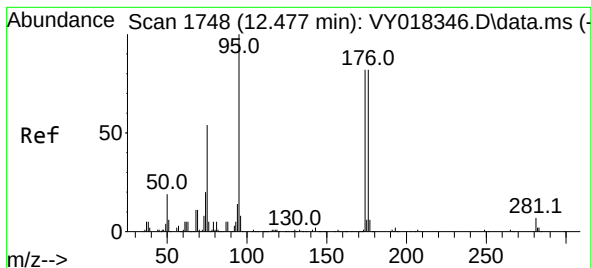
Reviewed By :Mahesh Dadoda 05/29/2024
Supervised By :Semsettin Yesilyurt 05/29/2024



#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

Tgt Ion: 98 Resp: 215648
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





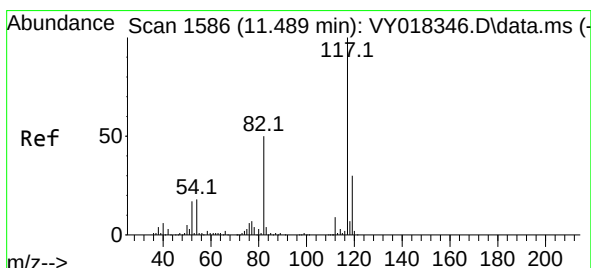
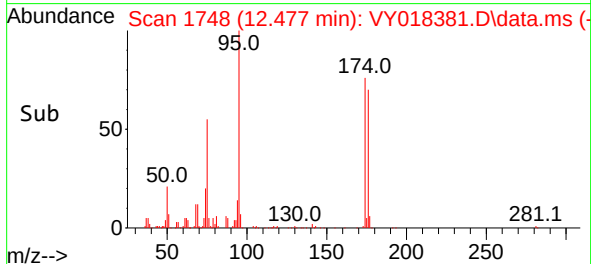
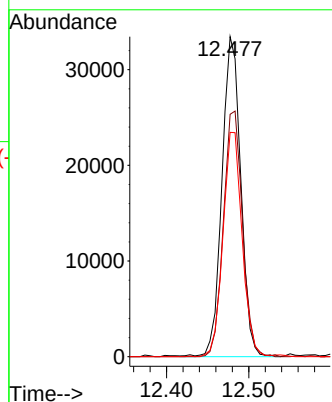
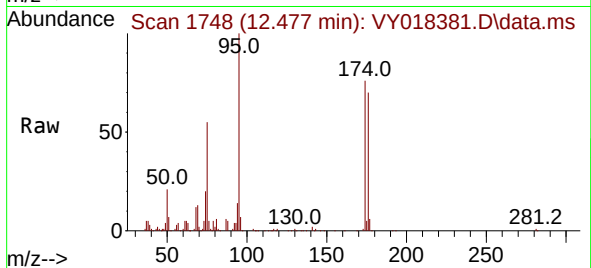
#62
4-Bromofluorobenzene
Concen: 39.948 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :
H-3(5.0-6.0)RE

Tgt Ion: 95 Resp: 5316
Ion Ratio Lower Upper
95 100
174 77.8 0.0 175.6
176 71.4 0.0 171.4

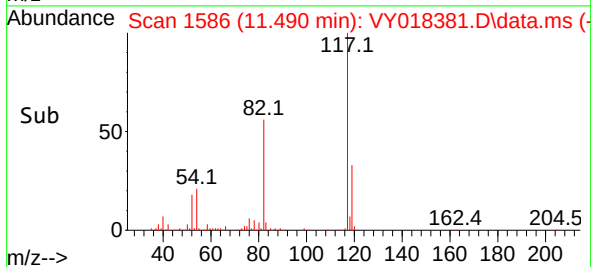
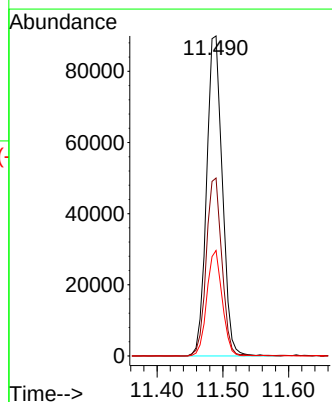
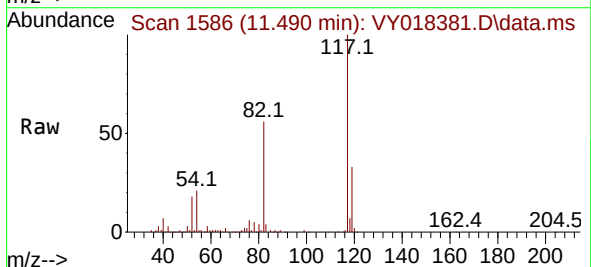
Manual Integrations
APPROVED

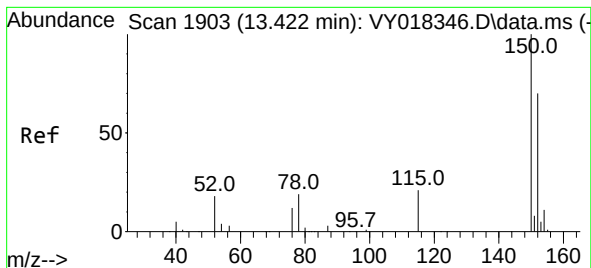
Reviewed By :Mahesh Dadoda 05/29/2024
Supervised By :Semsettin Yesilyurt 05/29/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018381.D
Acq: 28 May 2024 15:36

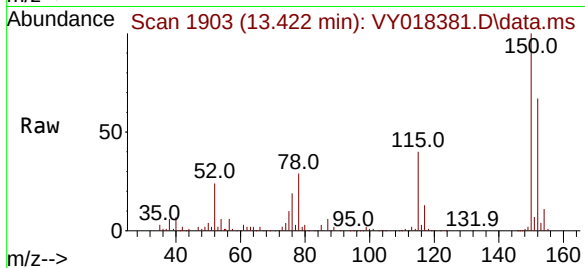
Tgt Ion:117 Resp: 149799
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 33.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018381.D
 Acq: 28 May 2024 15:36

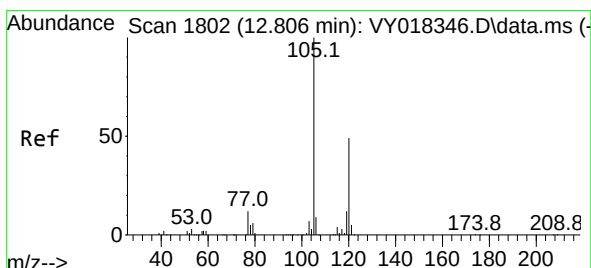
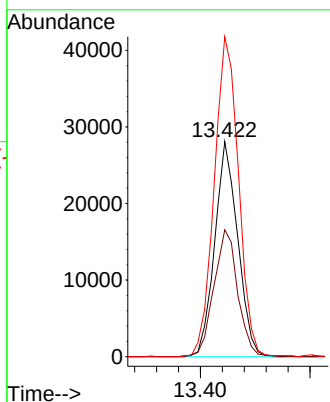
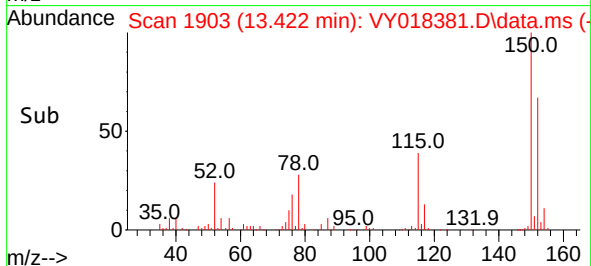
Instrument :
 MSVOA_Y
 ClientSampleId :
 H-3(5.0-6.0)RE



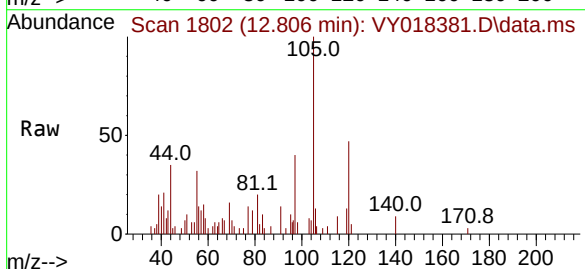
Tgt Ion:152 Resp: 4085
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 157.4 0.0 345.6

Manual Integrations
 APPROVED

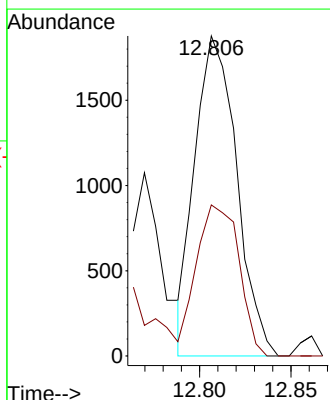
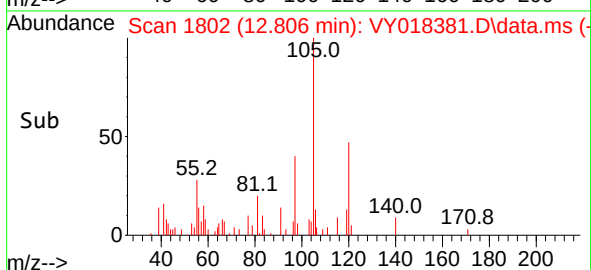
Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

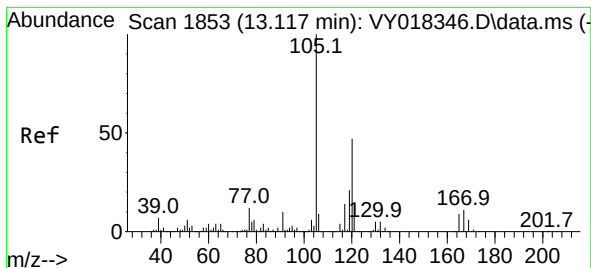


#80
 1,3,5-Trimethylbenzene
 Concen: 1.185 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: VY018381.D
 Acq: 28 May 2024 15:36



Tgt Ion:105 Resp: 2990
 Ion Ratio Lower Upper
 105 100
 120 48.0 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 2.852 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018381.D

Acq: 28 May 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

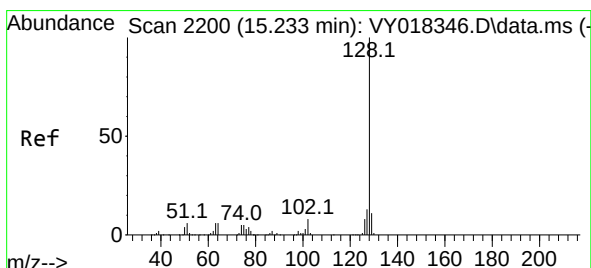
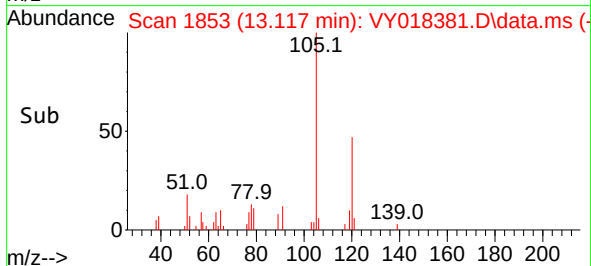
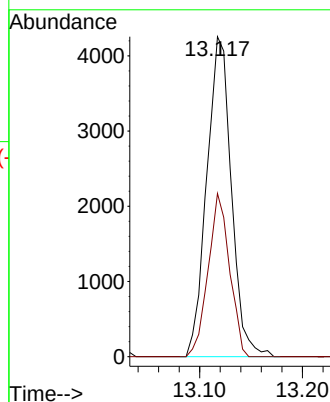
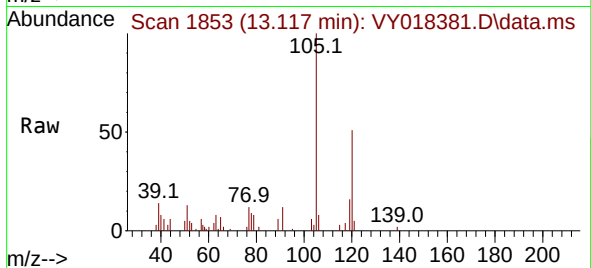
H-3(5.0-6.0)RE

Tgt Ion:105 Resp: 7070
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024



#95

Naphthalene

Concen: 83.894 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018381.D

Acq: 28 May 2024 15:36

Tgt Ion:128 Resp: 112911
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.6 16.0
 129 11.3 8.6 13.0

