

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021337.D
 Acq On : 26 Feb 2025 17:24
 Operator : SY/MD
 Sample : Q1415-04
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-172-SB02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:40:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	273603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	518008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158234	50.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.960%			
35) Dibromofluoromethane	7.634	113	171658	50.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.100%			
50) Toluene-d8	10.103	98	600650	45.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.520%			
62) 4-Bromofluorobenzene	12.407	95	155529	35.210	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 70.420%			
Target Compounds						
11) Tert butyl alcohol	4.842	59	23623m	98.950	ug/l	
16) Acetone	3.866	43	46757	78.533	ug/l	92
18) Methyl Acetate	4.385	43	4019	2.762	ug/l	97

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

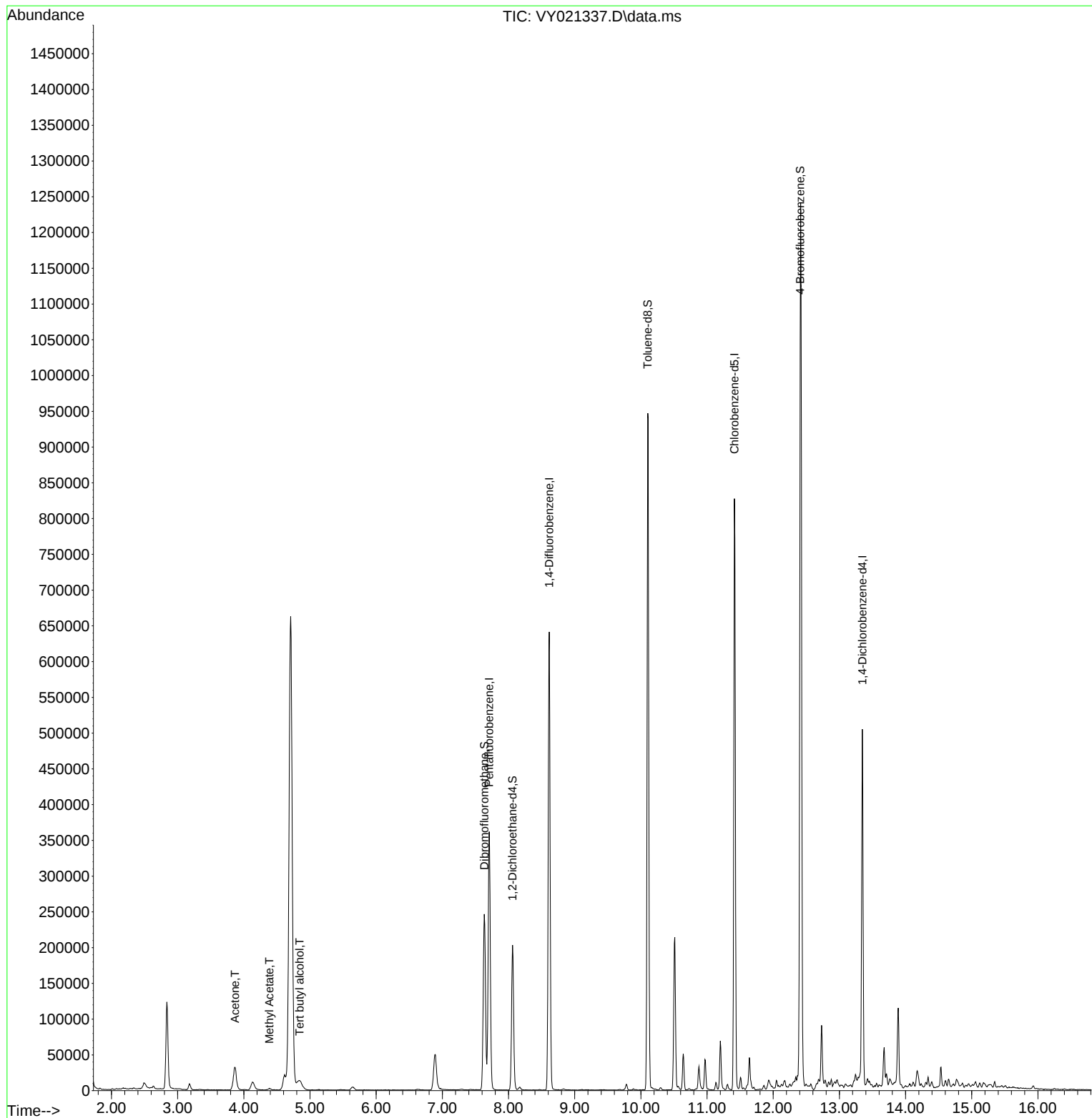
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021337.D
Acq On : 26 Feb 2025 17:24
Operator : SY/MD
Sample : Q1415-04
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

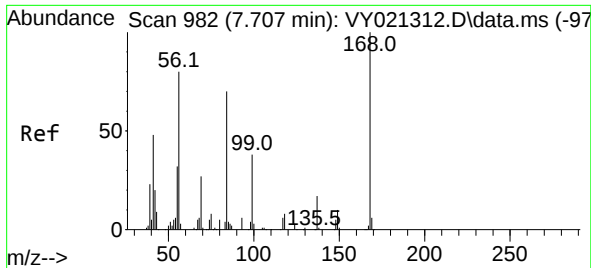
Instrument :
MSVOA_Y
ClientSampleId :
B-172-SB02

Quant Time: Feb 27 00:40:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

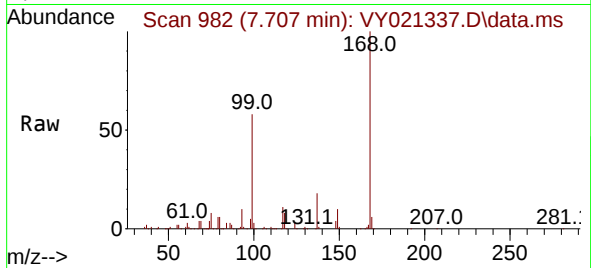
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

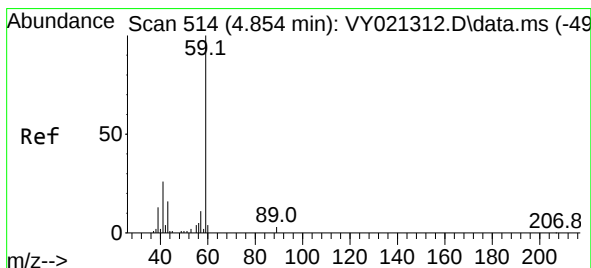
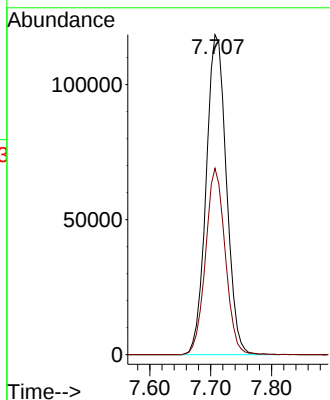
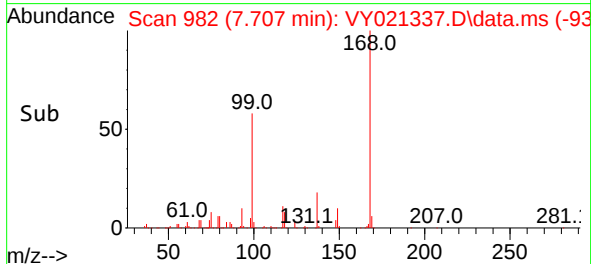
Instrument :
MSVOA_Y
ClientSampleId :
B-172-SB02



Tgt Ion:168 Resp: 27360
Ion Ratio Lower Upper
168 100
99 58.3 47.1 70.7

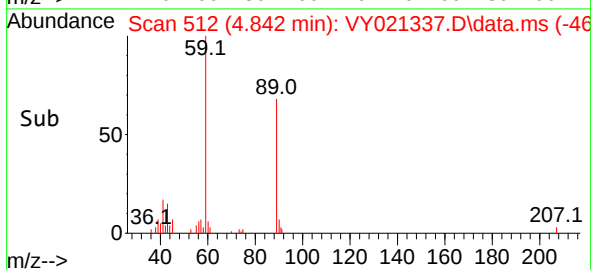
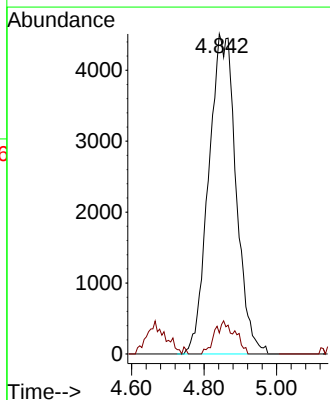
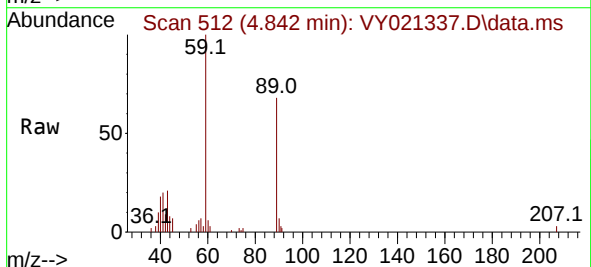
Manual Integrations
APPROVED

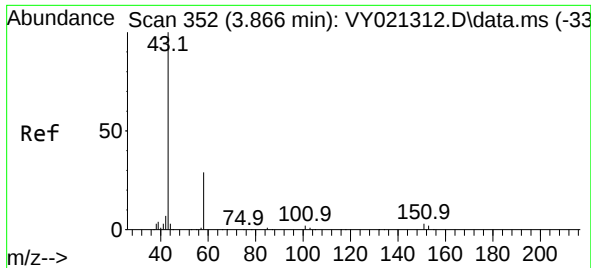
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#11
Tert butyl alcohol
Concen: 98.950 ug/l m
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

Tgt Ion: 59 Resp: 23623
Ion Ratio Lower Upper
59 100
57 5.9 8.3 12.5#





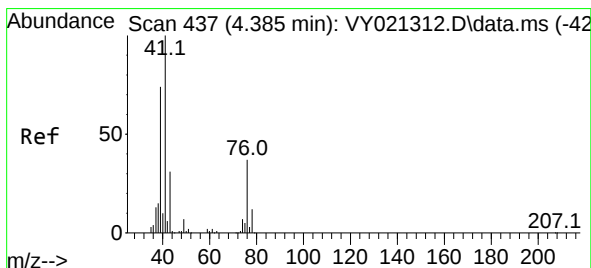
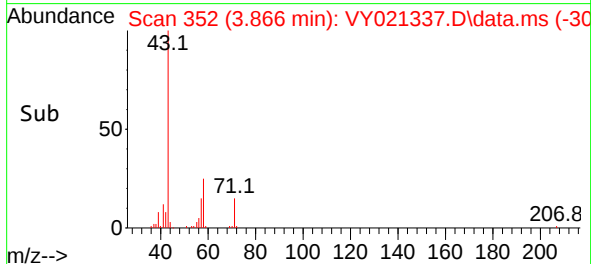
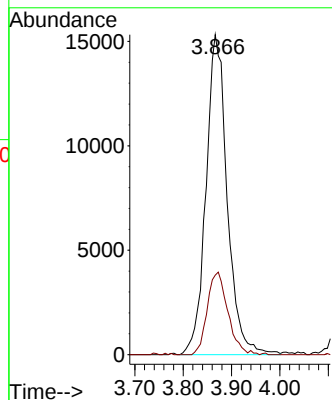
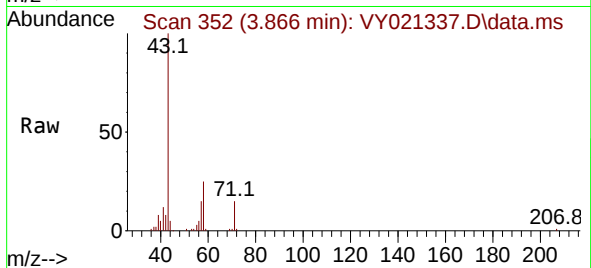
#16
Acetone
Concen: 78.533 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

Instrument :
MSVOA_Y
ClientSampleId :
B-172-SB02

Tgt Ion: 43 Resp: 4675
Ion Ratio Lower Upper
43 100
58 24.8 23.5 35.3

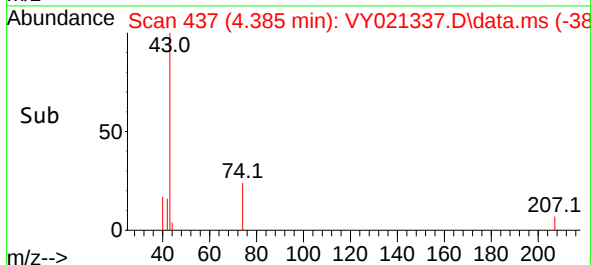
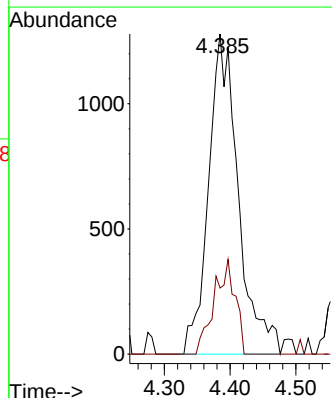
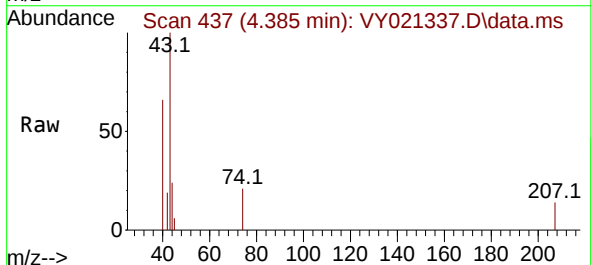
Manual Integrations
APPROVED

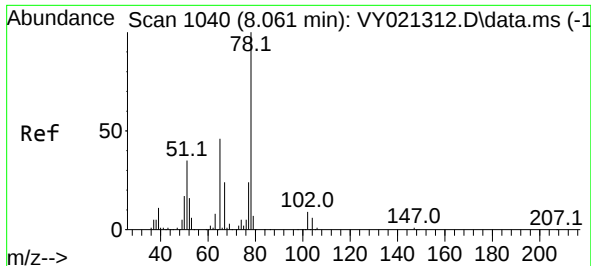
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
Methyl Acetate
Concen: 2.762 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

Tgt Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
74 20.9 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 50.981 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021337.D

Acq: 26 Feb 2025 17:24

Instrument :

MSVOA_Y

ClientSampleId :

B-172-SB02

Tgt Ion: 65 Resp: 158234

Ion Ratio Lower Upper

65 100

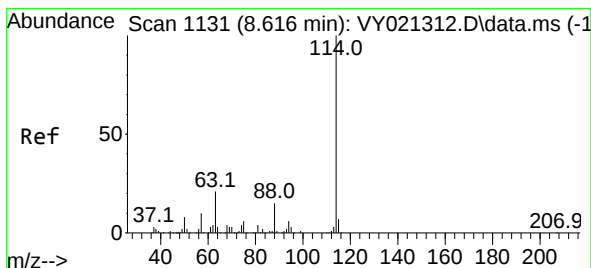
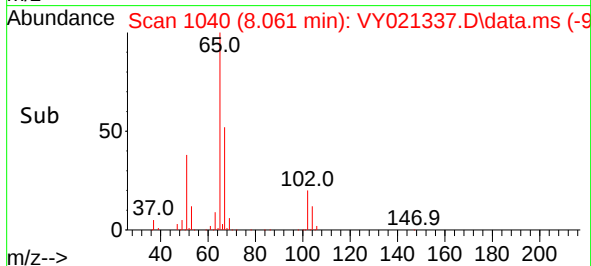
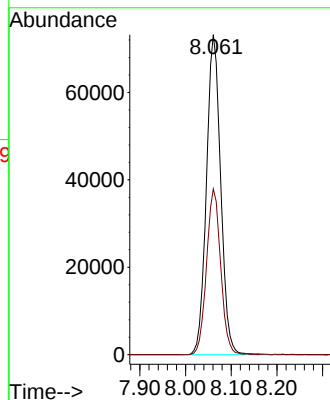
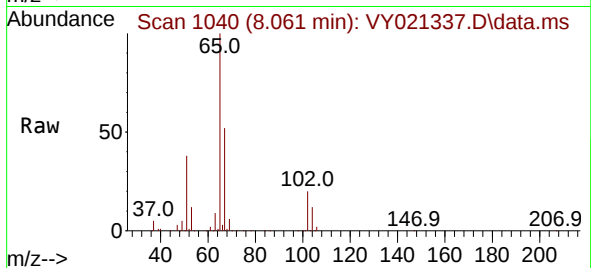
67 51.3 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021337.D

Acq: 26 Feb 2025 17:24

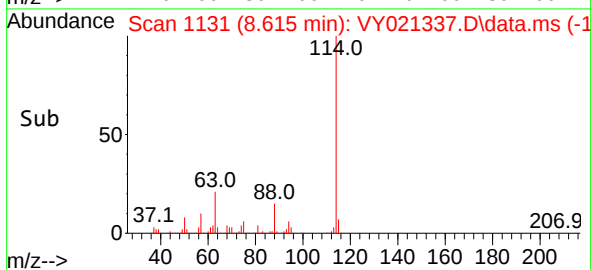
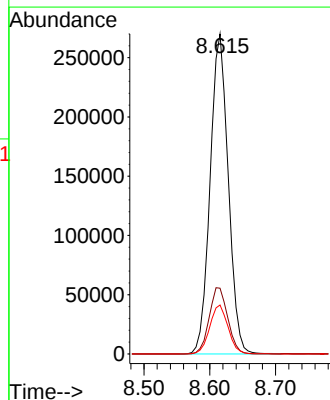
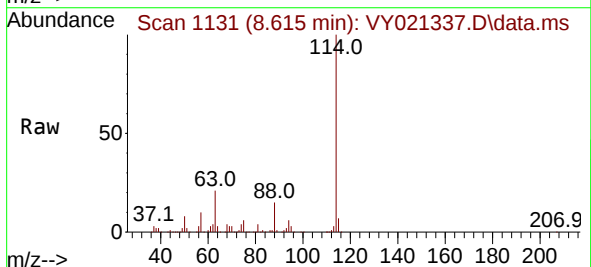
Tgt Ion:114 Resp: 518008

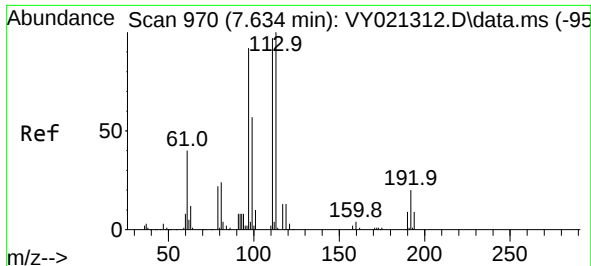
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

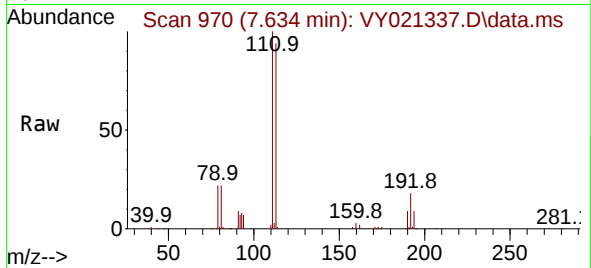
88 15.3 0.0 29.8





#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

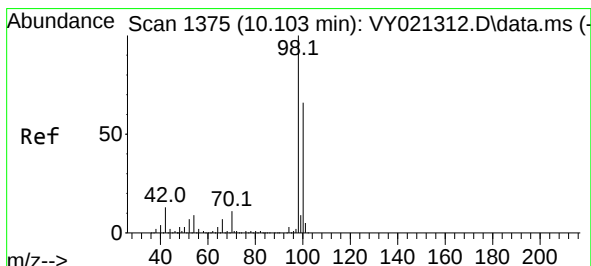
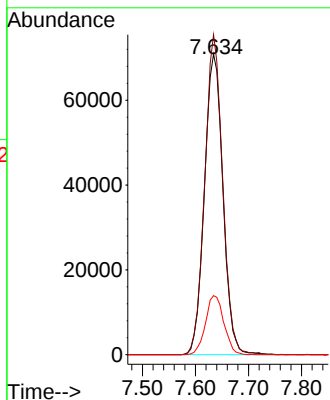
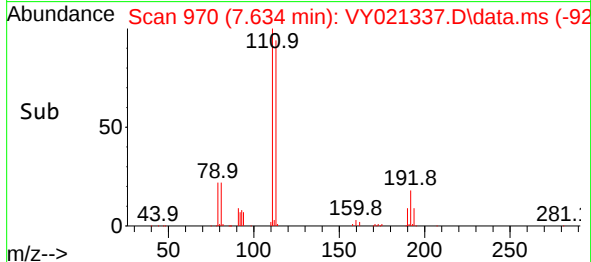
Instrument :
MSVOA_Y
ClientSampleId :
B-172-SB02



Tgt Ion:113 Resp: 171658
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.6
192 19.5 15.8 23.8

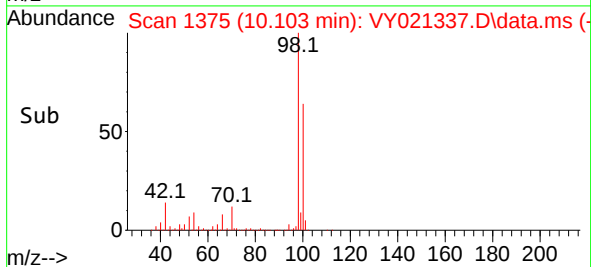
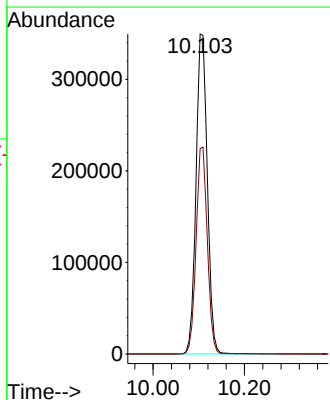
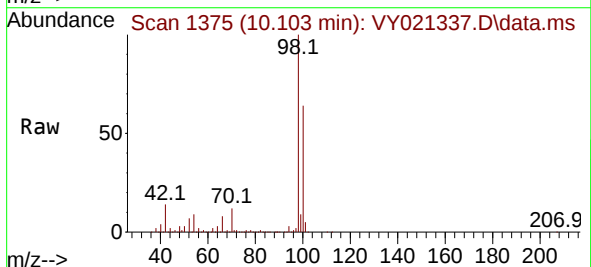
Manual Integrations
APPROVED

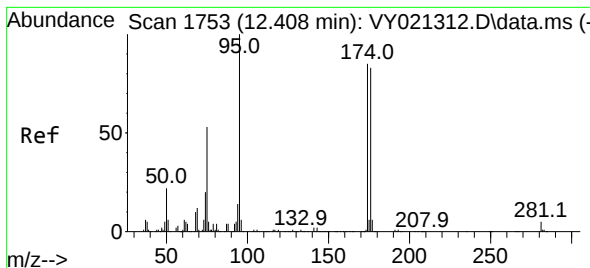
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#50
Toluene-d8
Concen: 45.764 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

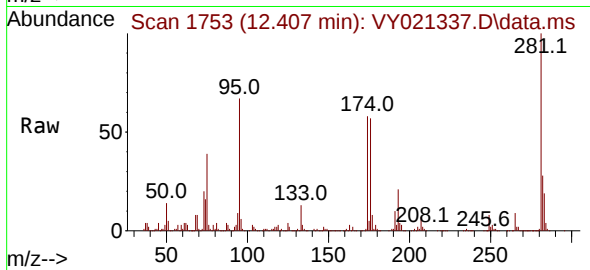
Tgt Ion: 98 Resp: 600650
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 35.210 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24

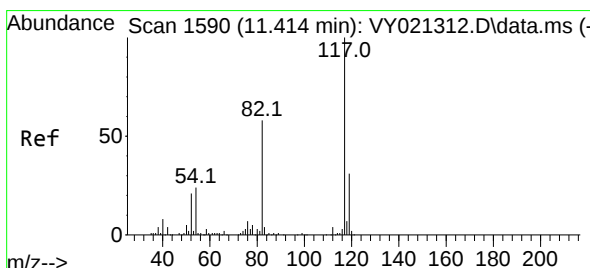
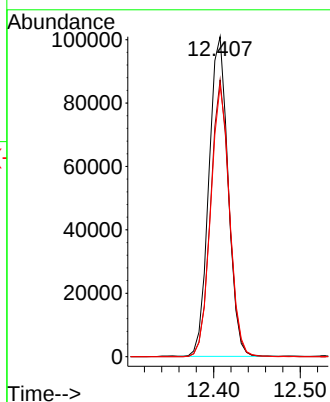
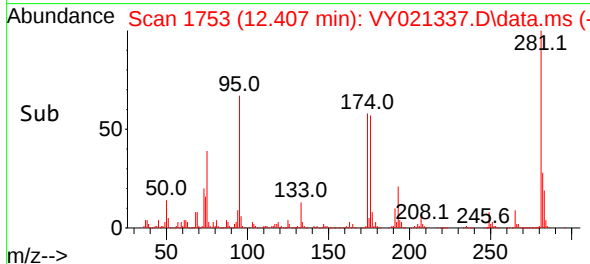
Instrument :
MSVOA_Y
ClientSampleId :
B-172-SB02



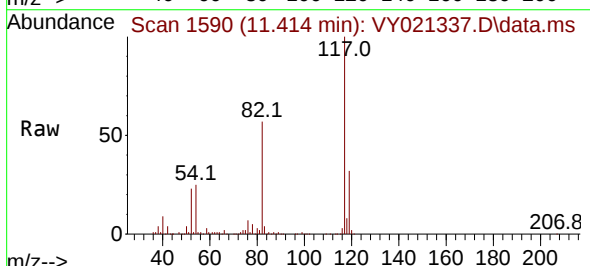
Tgt Ion: 95 Resp: 155529
Ion Ratio Lower Upper
95 100
174 83.7 0.0 168.0
176 83.3 0.0 162.6

Manual Integrations
APPROVED

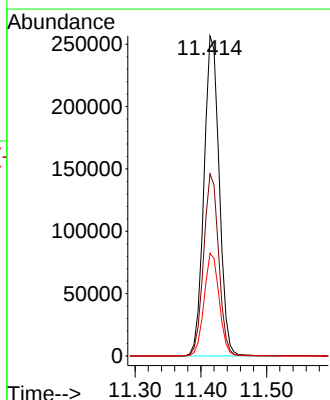
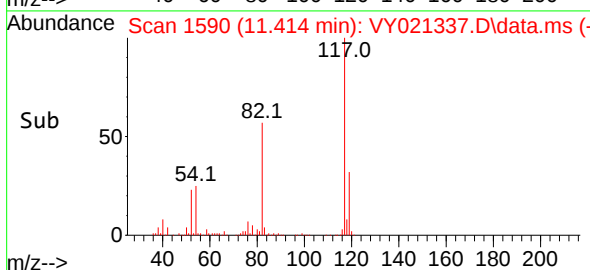
Reviewed By :Romaben Patel 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

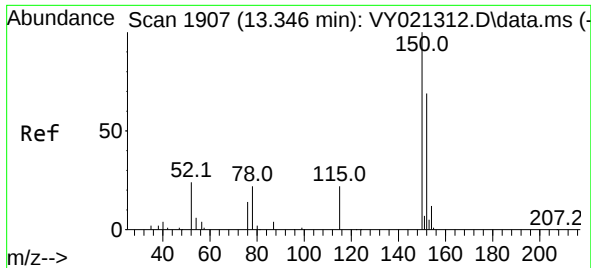


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021337.D
Acq: 26 Feb 2025 17:24



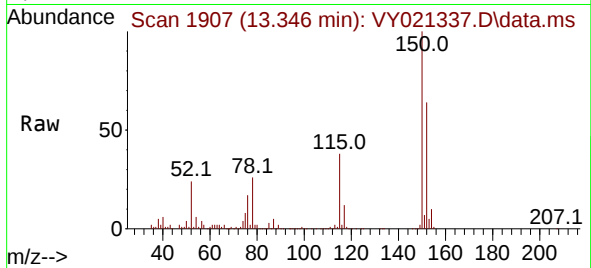
Tgt Ion:117 Resp: 414734
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.1 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021337.D
 Acq: 26 Feb 2025 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-172-SB02



Tgt Ion:152 Resp: 117278
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.3 88.0
 150 156.3 0.0 347.4

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

