

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022876.D
 Acq On : 30 Jun 2025 13:08
 Operator : SY/MD
 Sample : Q2452-07
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2-VOC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:36:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	343643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	630320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	630461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	274123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190698	49.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.440%			
35) Dibromofluoromethane	7.634	113	195740	51.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.120%			
50) Toluene-d8	10.103	98	765783	50.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.402	95	280118	57.285	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.580%			
Target Compounds						
16) Acetone	3.867	43	56421	77.831	ug/l	99
20) Methylene Chloride	4.604	84	16408	3.584	ug/l	97
25) 2-Butanone	6.897	43	18206	17.256	ug/l	90
78) n-propylbenzene	12.591	91	39168	1.600	ug/l	99
89) n-Butylbenzene	13.615	91	35355m	2.080	ug/l	

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

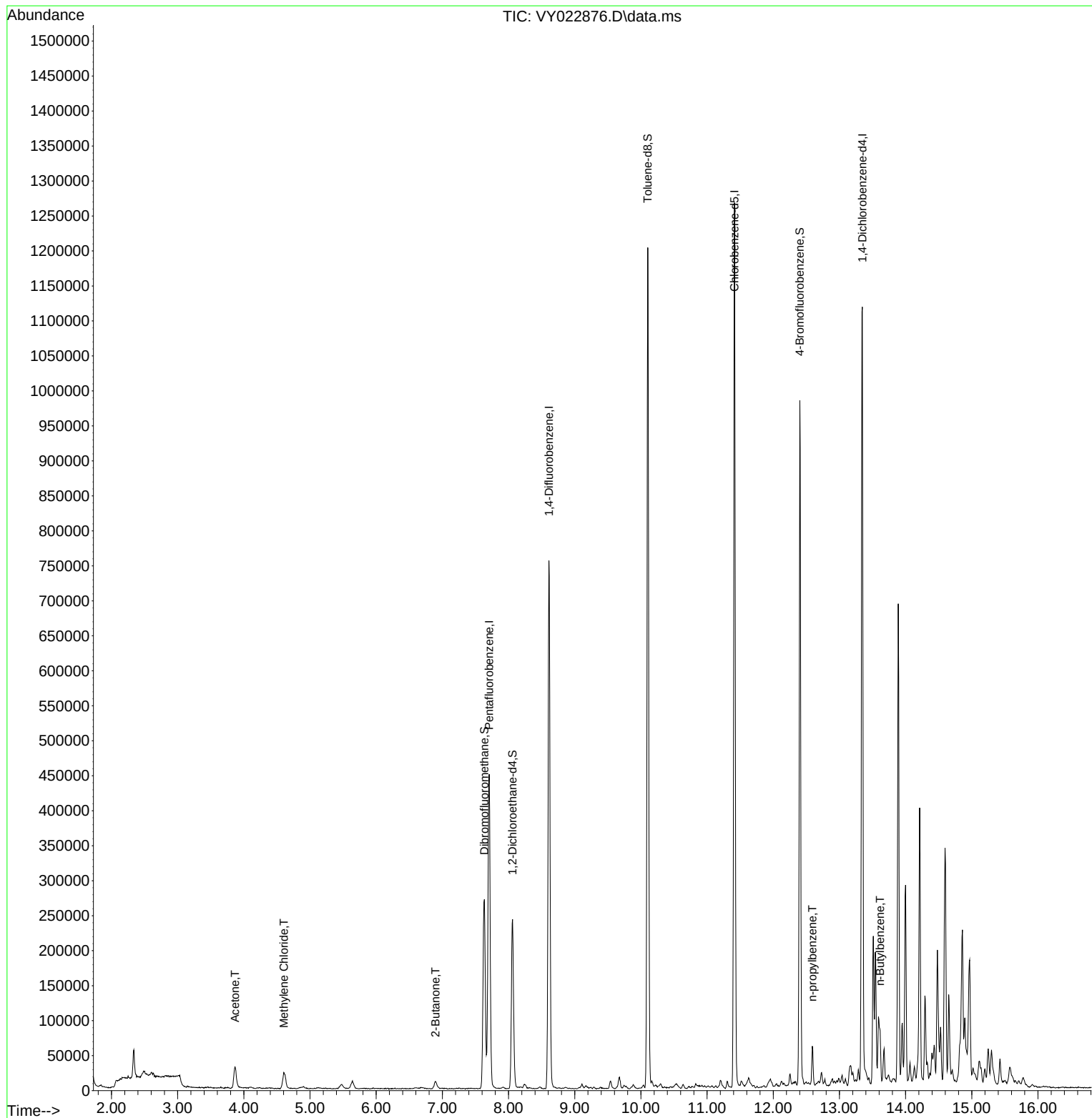
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
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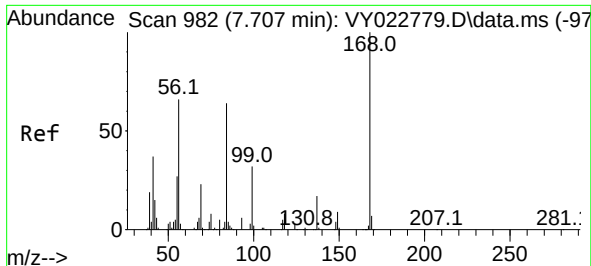
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC

Quant Time: Jul 01 03:36:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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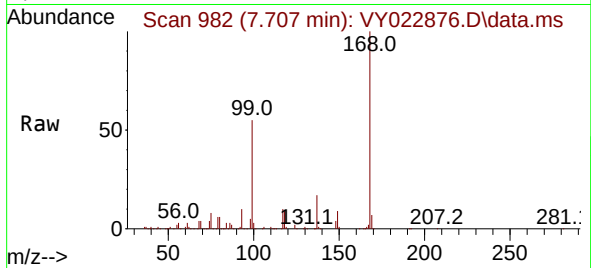
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

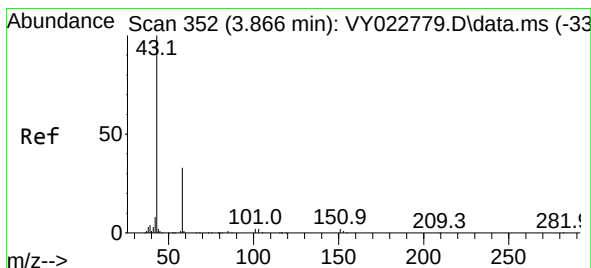
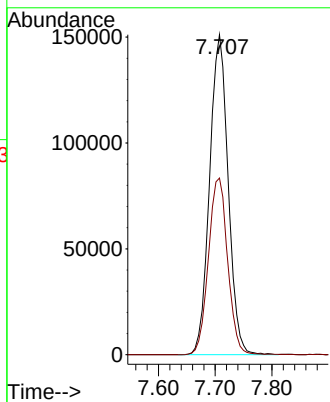
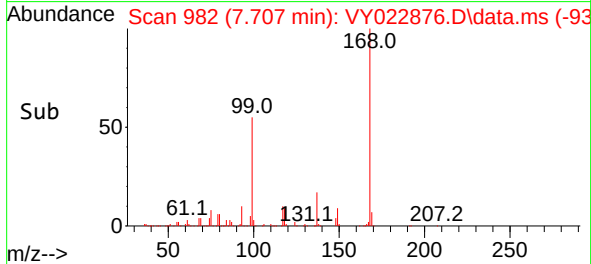
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



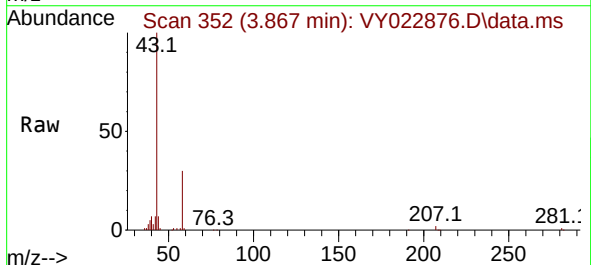
Tgt Ion:168 Resp: 34364
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5

Manual Integrations
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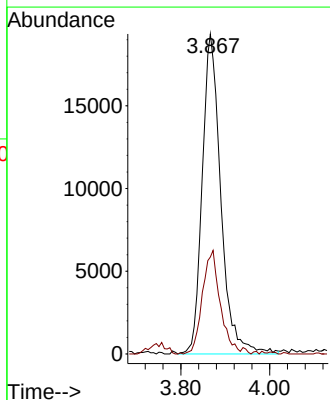
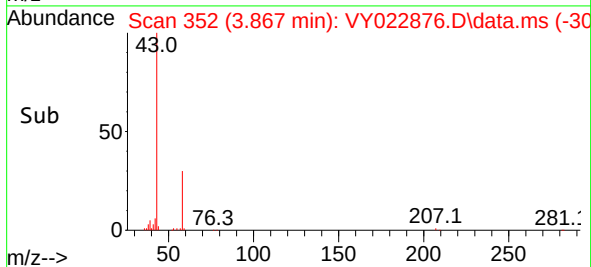
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

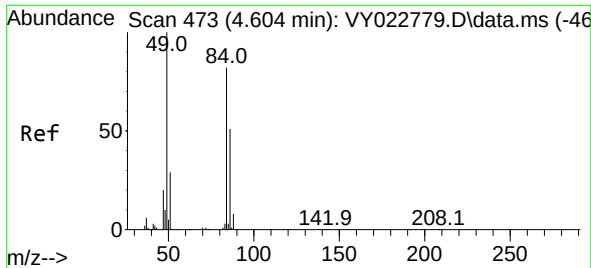


#16
Acetone
Concen: 77.831 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08



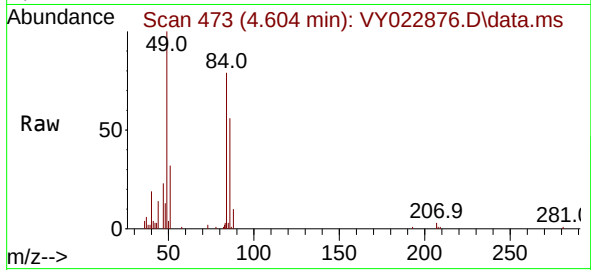
Tgt Ion: 43 Resp: 56421
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0





#20
Methylene Chloride
Concen: 3.584 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

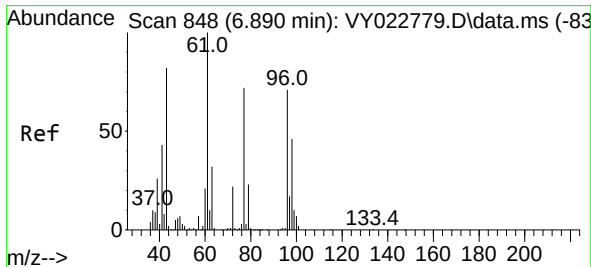
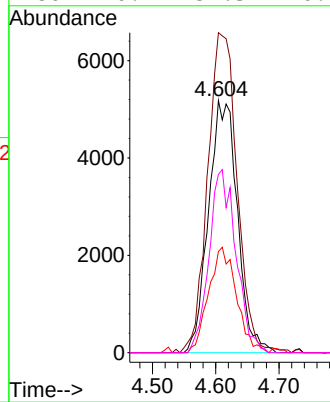
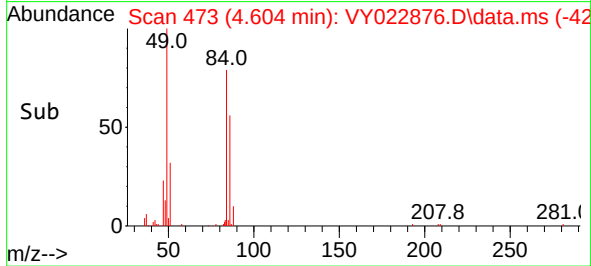
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



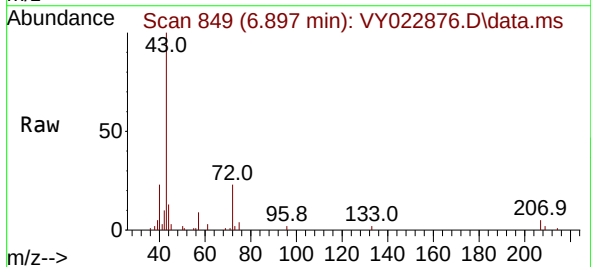
Tgt Ion: 84 Resp: 16408
Ion Ratio Lower Upper
84 100
49 126.9 101.9 152.9
51 40.1 29.8 44.8
86 70.7 51.3 76.9

Manual Integrations
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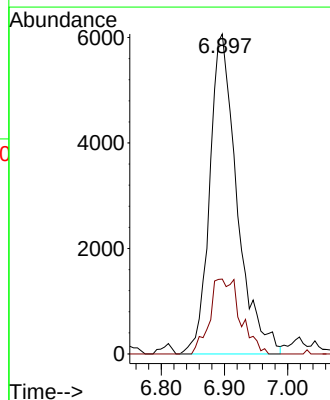
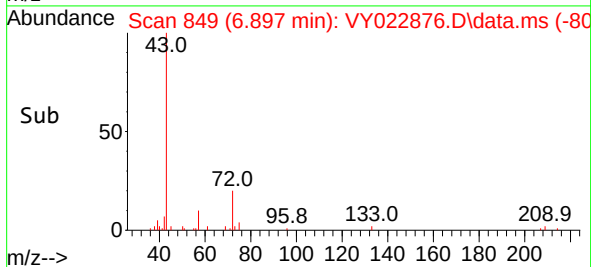
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

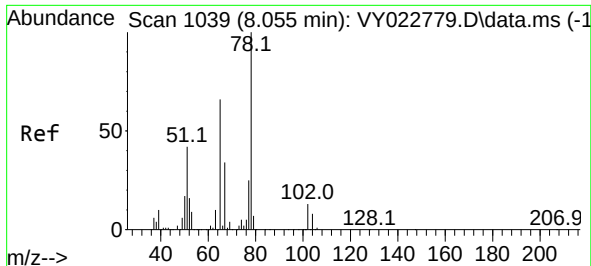


#25
2-Butanone
Concen: 17.256 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08



Tgt Ion: 43 Resp: 18206
Ion Ratio Lower Upper
43 100
72 23.4 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 49.720 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022876.D

Acq: 30 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

EP-2-VOC

Tgt Ion: 65 Resp: 190698

Ion Ratio Lower Upper

65 100

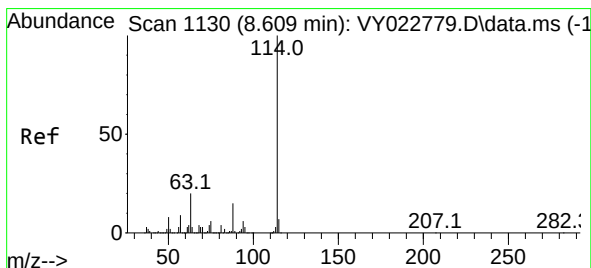
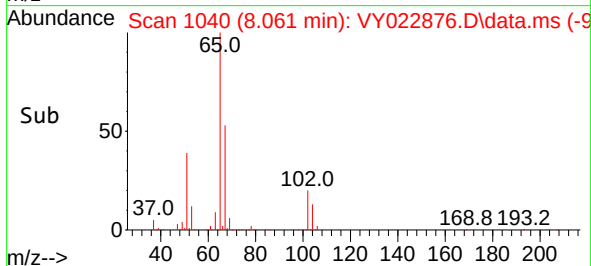
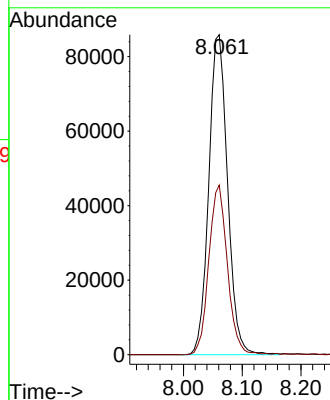
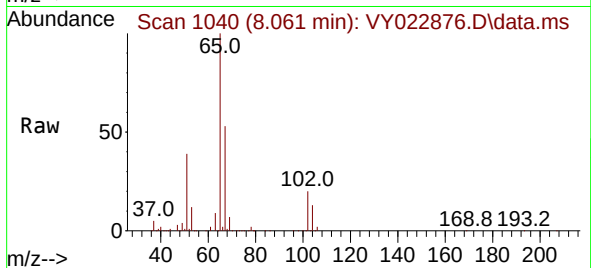
67 52.4 0.0 103.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022876.D

Acq: 30 Jun 2025 13:08

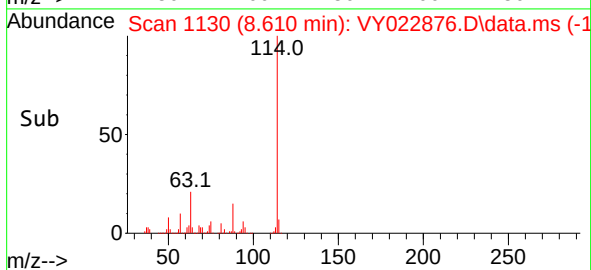
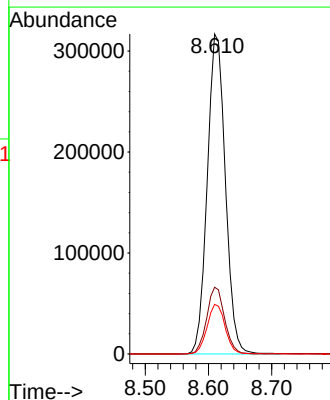
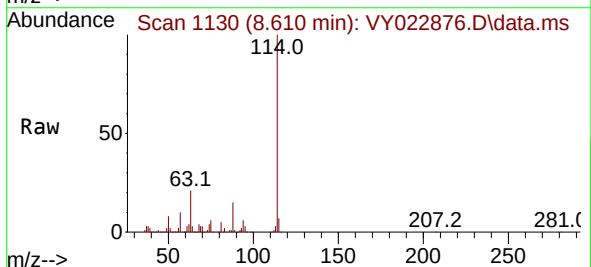
Tgt Ion:114 Resp: 630320

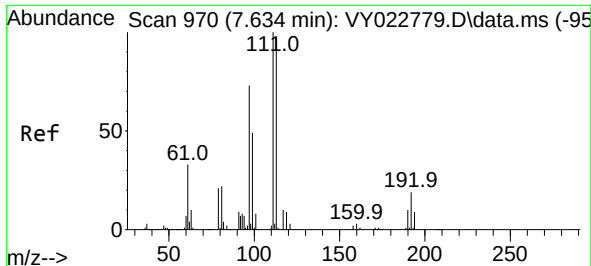
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

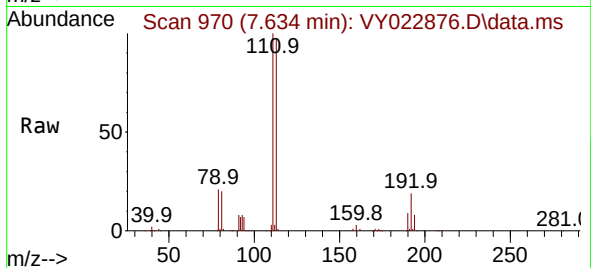
88 15.5 0.0 27.8





#35
Dibromofluoromethane
Concen: 51.063 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

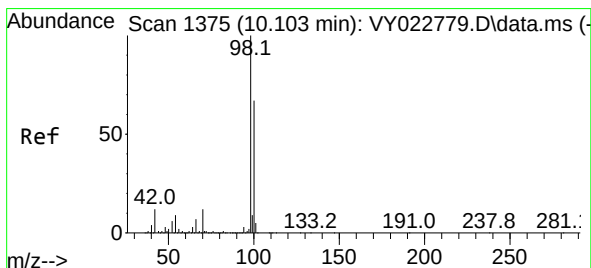
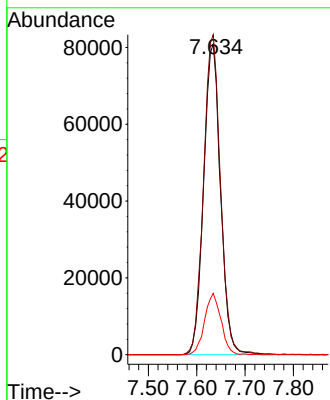
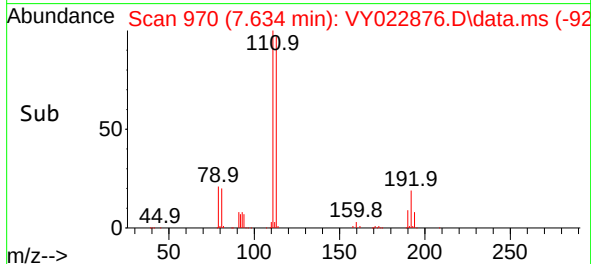
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



Tgt Ion:113 Resp: 195740
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 19.2 14.2 21.2

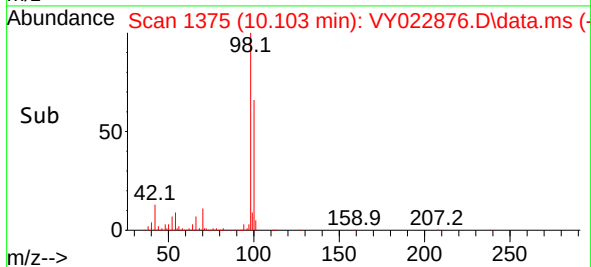
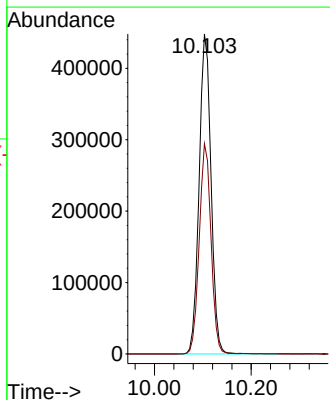
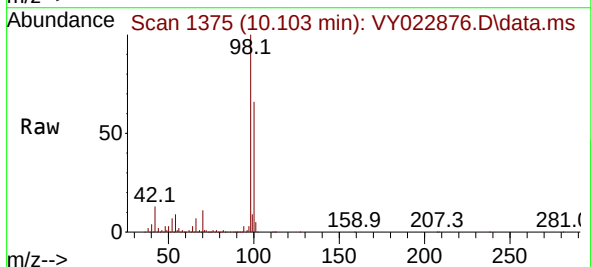
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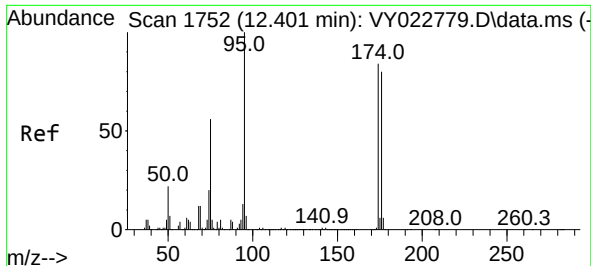
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



#50
Toluene-d8
Concen: 50.344 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

Tgt Ion: 98 Resp: 765783
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0





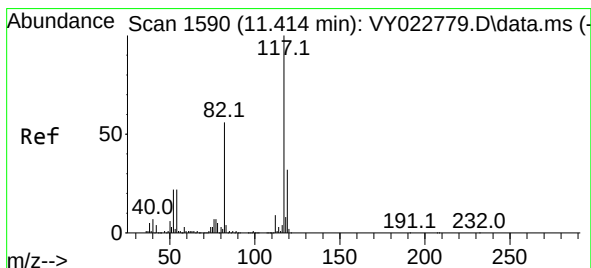
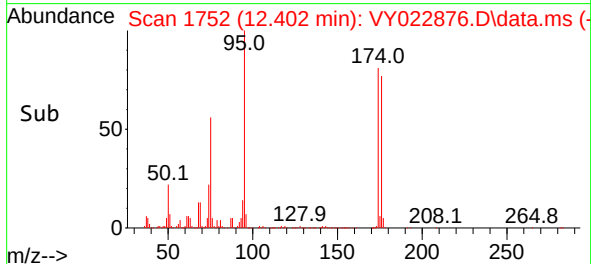
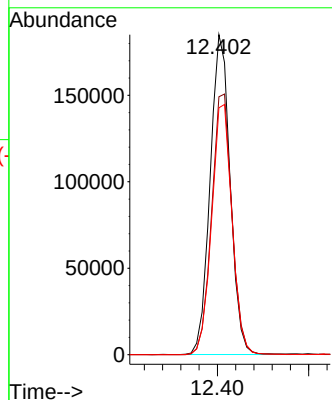
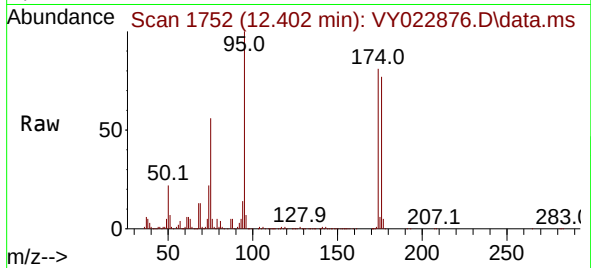
#62
4-Bromofluorobenzene
Concen: 57.285 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC

Tgt Ion: 95 Resp: 280118
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 80.2 0.0 166.2

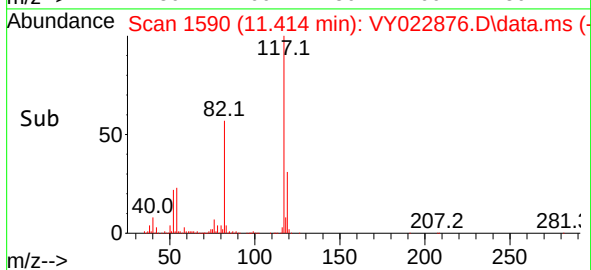
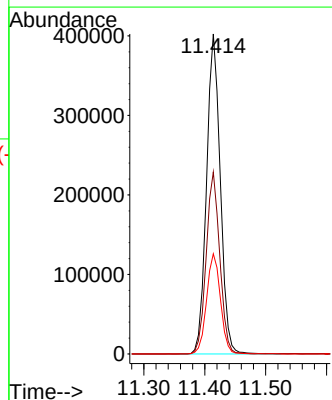
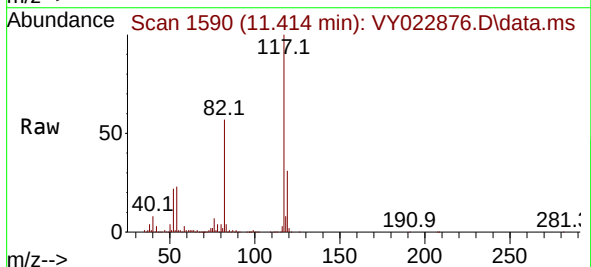
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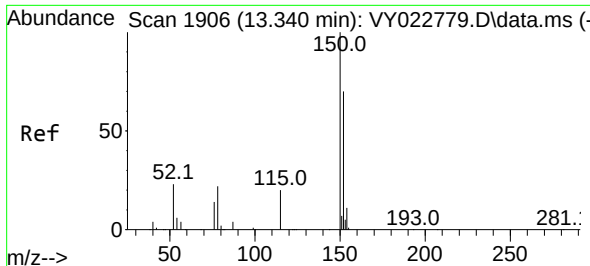
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

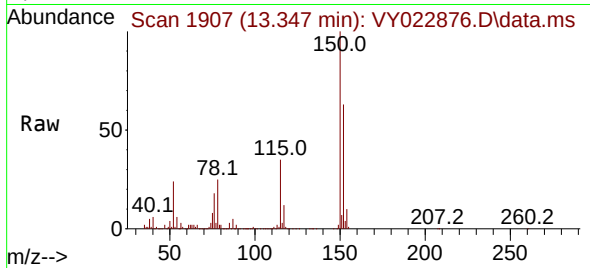
Tgt Ion:117 Resp: 630461
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 31.3 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

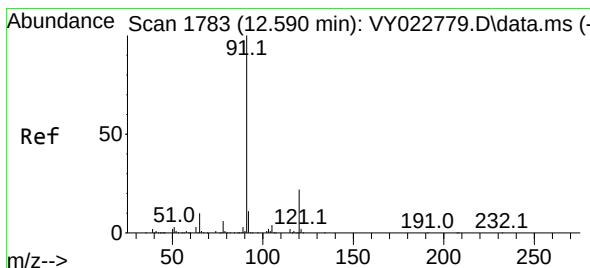
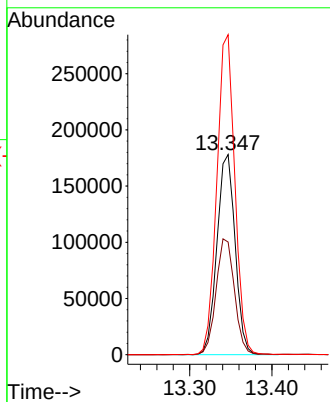
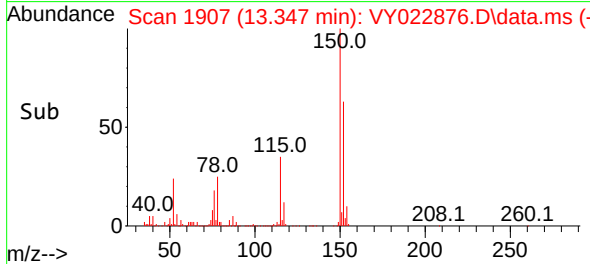
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



Tgt Ion:152 Resp: 27412
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 158.2 0.0 349.6

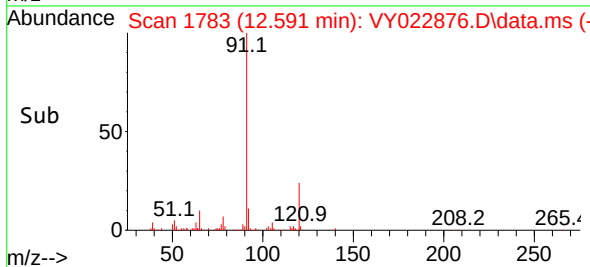
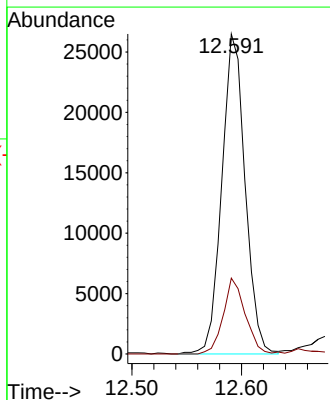
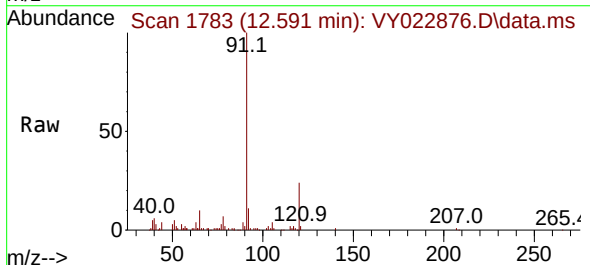
Manual Integrations
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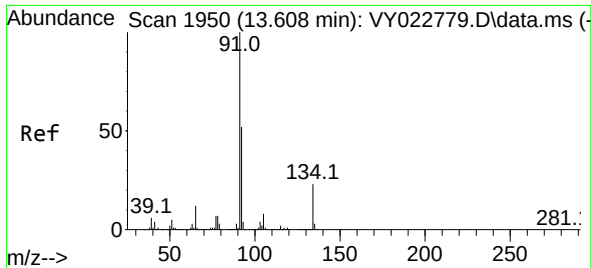
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



#78
n-propylbenzene
Concen: 1.600 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022876.D
Acq: 30 Jun 2025 13:08

Tgt Ion: 91 Resp: 39168
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





#89

n-Butylbenzene

Concen: 2.080 ug/l m

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022876.D

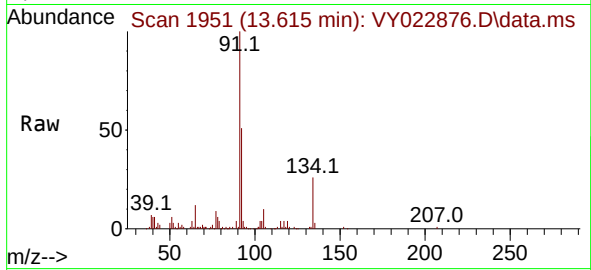
Acq: 30 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

EP-2-VOC



Tgt Ion: 91 Resp: 3535

Ion Ratio Lower Upper

91 100

92 56.9 25.9 77.8

134 0.0 12.0 36.1

Manual Integrations

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