

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022868.D
 Acq On : 27 Jun 2025 17:40
 Operator : SY/MD
 Sample : Q2452-07
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2-VOC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:21:24 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	7.713	168	210769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	387449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114757	48.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.560%			
35) Dibromofluoromethane	7.634	113	121953	51.757	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.520%			
50) Toluene-d8	10.109	98	468295	50.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.401	95	167915	55.865	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.720%			
Target Compounds						
16) Acetone	3.866	43	22037	49.564	ug/l	97
20) Methylene Chloride	4.616	84	15892	5.660	ug/l	92
25) 2-Butanone	6.915	43	6649	10.275	ug/l	99
78) n-propylbenzene	12.597	91	40074	2.622	ug/l	99
89) n-Butylbenzene	13.615	91	24953m	2.351	ug/l	

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

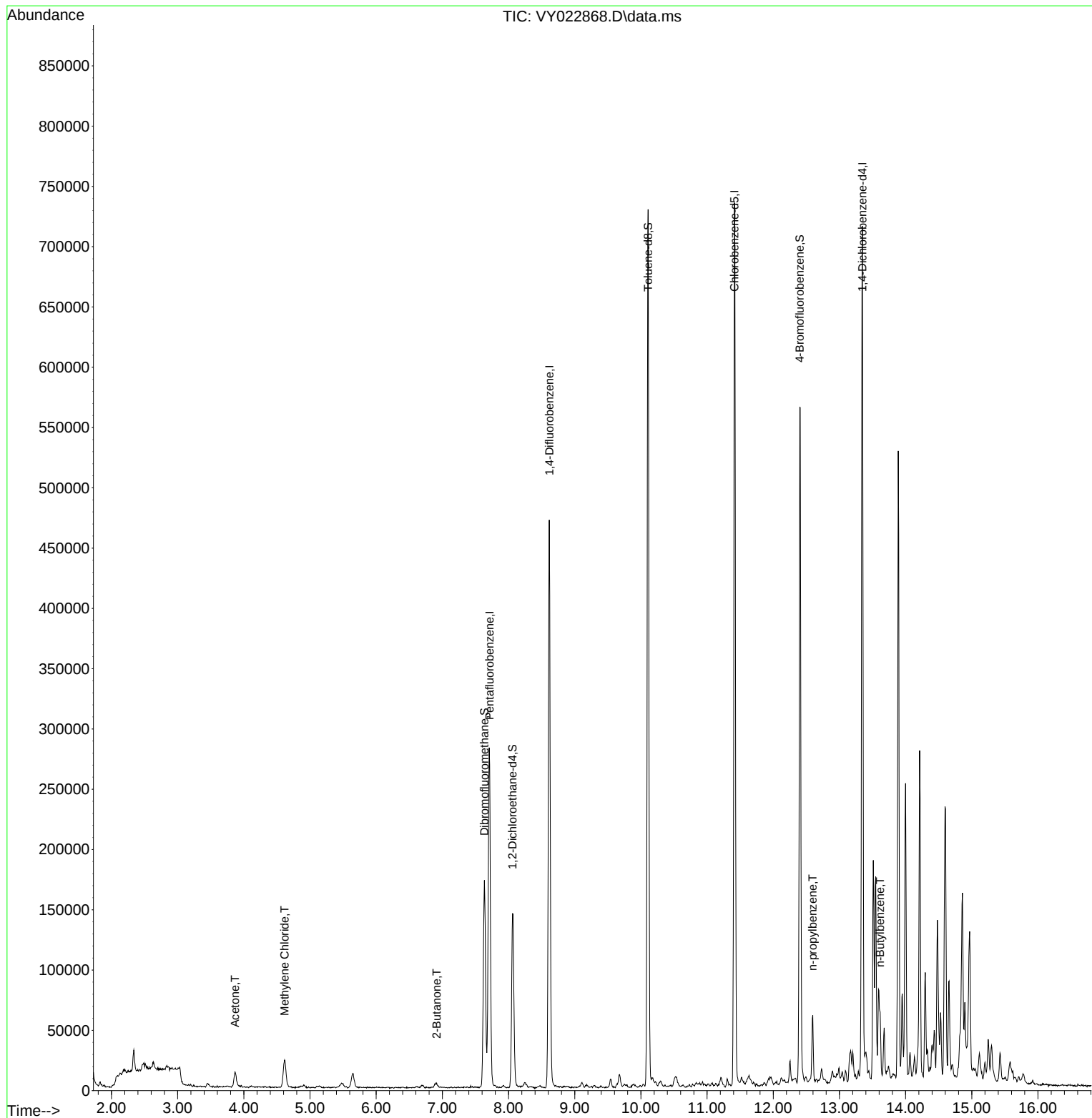
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
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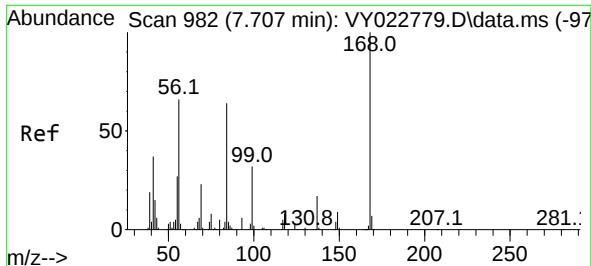
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC

Quant Time: Jun 27 23:21:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
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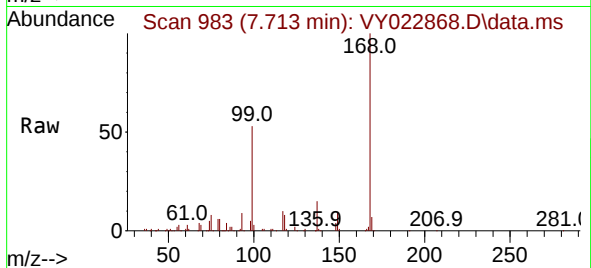
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

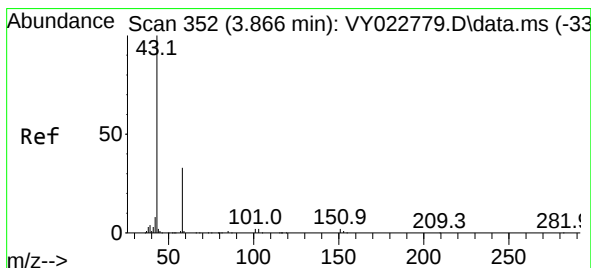
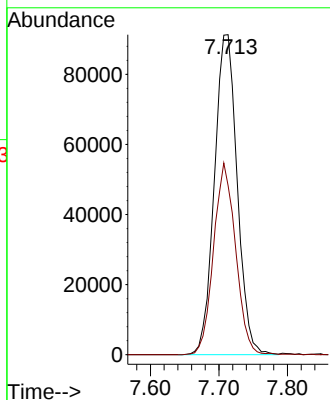
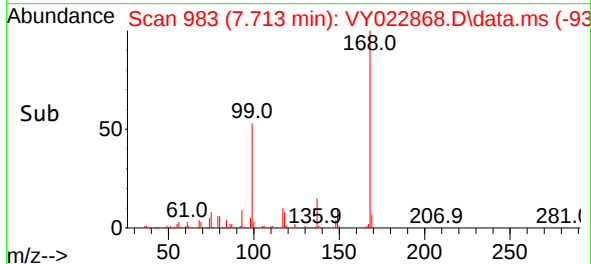
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



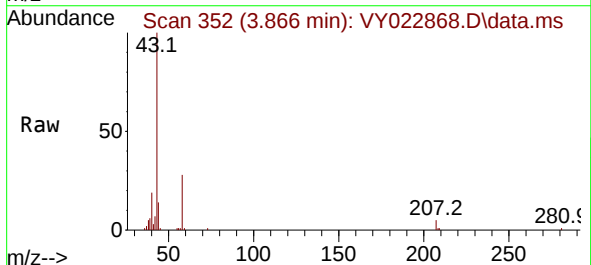
Tgt Ion:168 Resp: 210769
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5

Manual Integrations
APPROVED

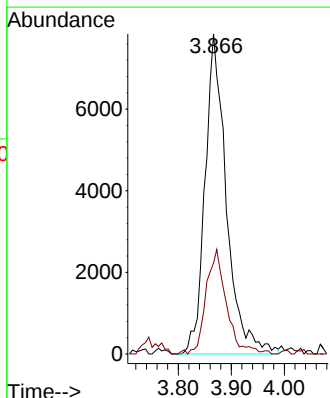
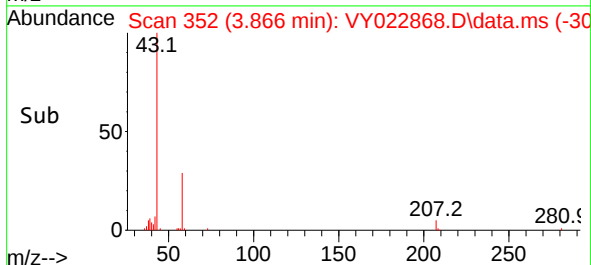
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

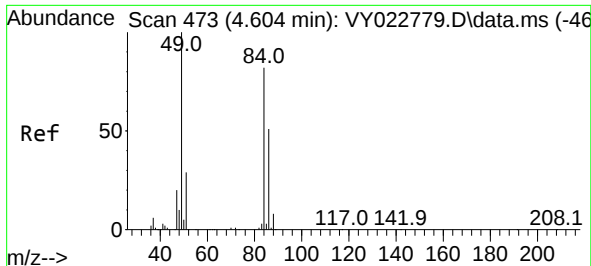


#16
Acetone
Concen: 49.564 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40



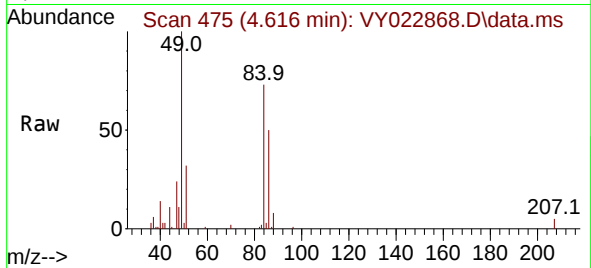
Tgt Ion: 43 Resp: 22037
Ion Ratio Lower Upper
43 100
58 28.4 24.0 36.0





#20
Methylene Chloride
Concen: 5.660 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

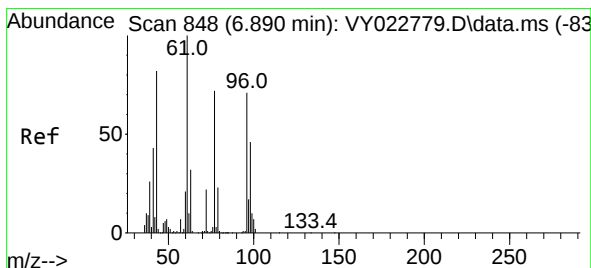
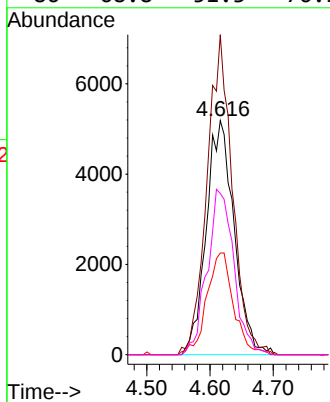
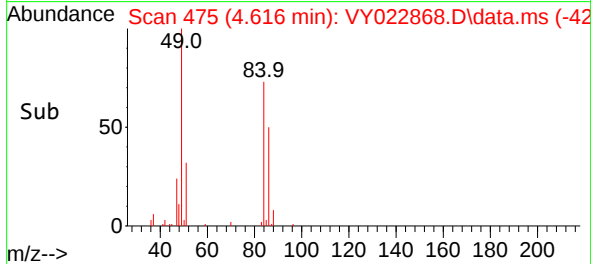
Instrument :
MSVOA_Y
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EP-2-VOC



Tgt Ion: 84 Resp: 1589
Ion Ratio Lower Upper
84 100
49 136.7 101.9 152.9
51 43.4 29.8 44.8
86 68.8 51.3 76.9

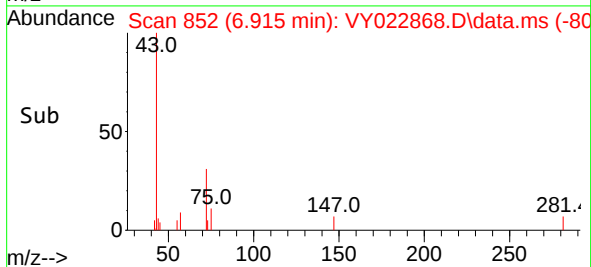
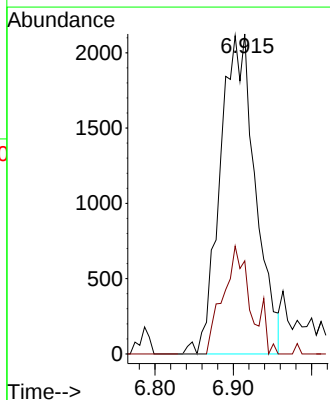
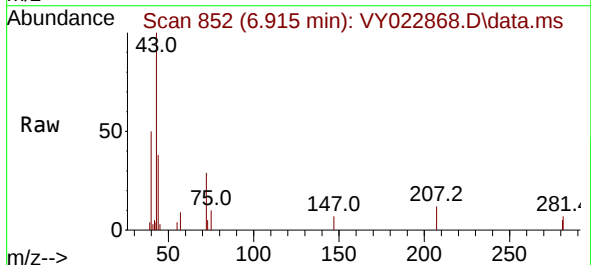
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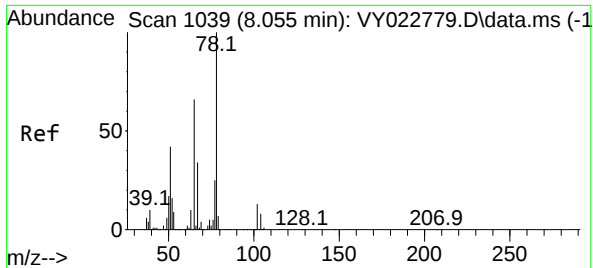
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#25
2-Butanone
Concen: 10.275 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

Tgt Ion: 43 Resp: 6649
Ion Ratio Lower Upper
43 100
72 29.1 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 48.783 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY022868.D

Acq: 27 Jun 2025 17:40

Instrument :

MSVOA_Y

ClientSampleId :

EP-2-VOC

Tgt Ion: 65 Resp: 11475

Ion Ratio Lower Upper

65 100

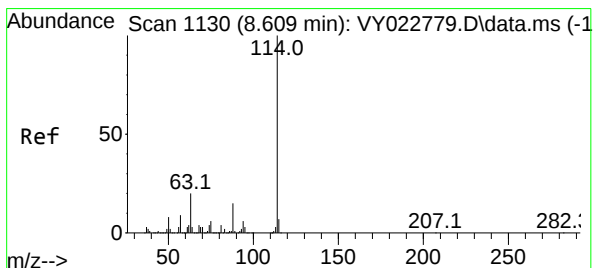
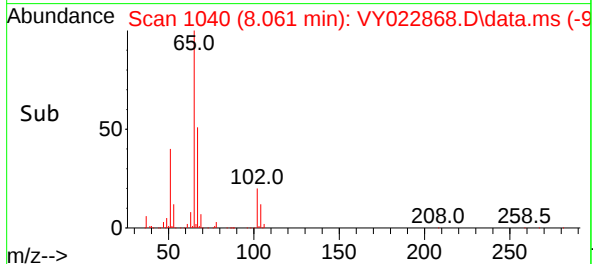
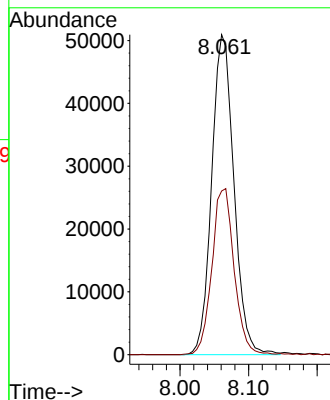
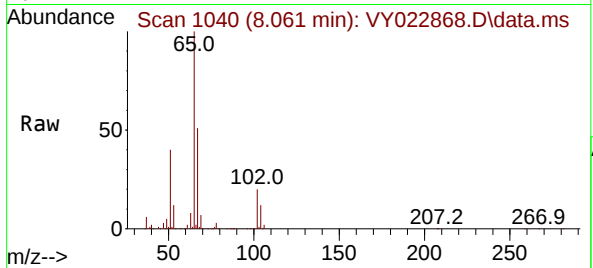
67 51.9 0.0 103.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022868.D

Acq: 27 Jun 2025 17:40

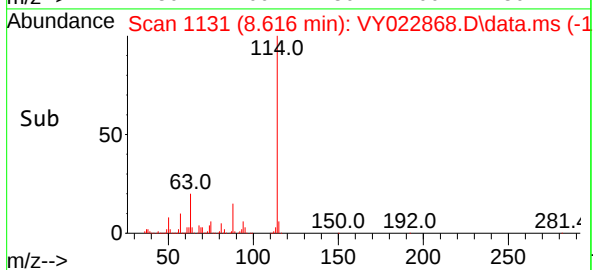
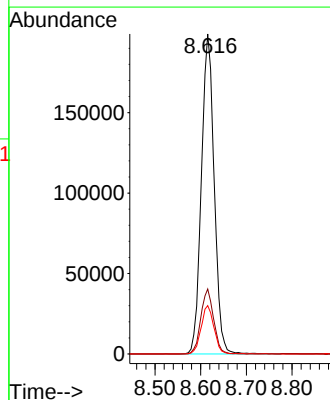
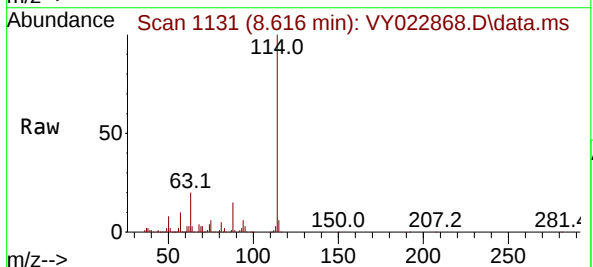
Tgt Ion:114 Resp: 387449

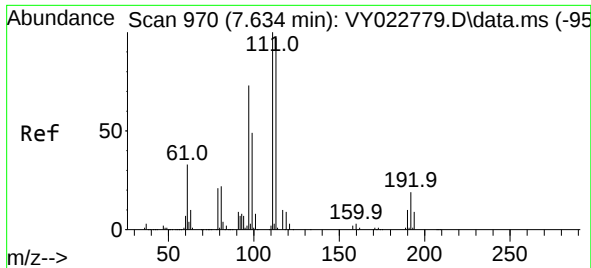
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

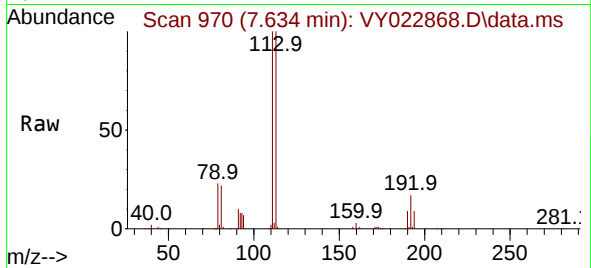
88 15.1 0.0 27.8





#35
Dibromofluoromethane
Concen: 51.757 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

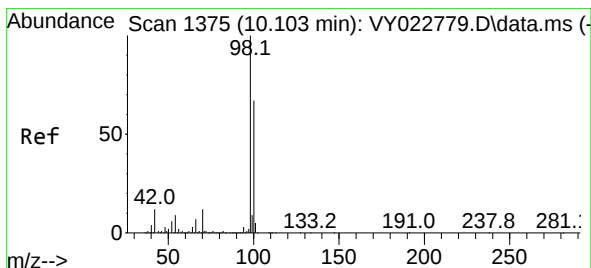
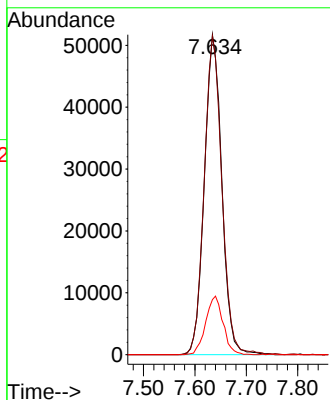
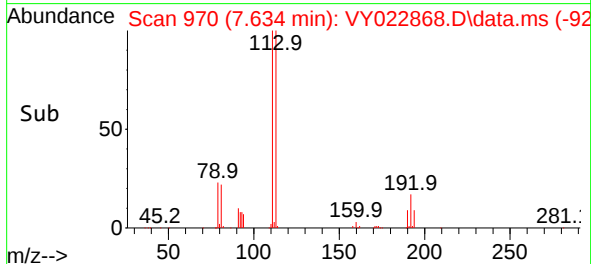
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



Tgt Ion:113 Resp: 12195
Ion Ratio Lower Upper
113 100
111 100.9 81.1 121.7
192 18.2 14.2 21.2

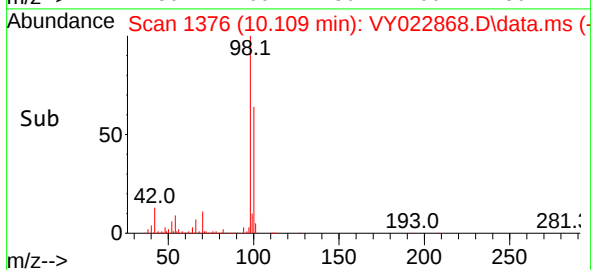
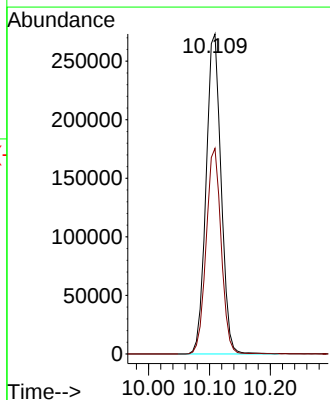
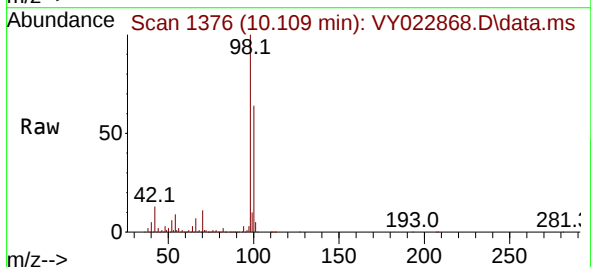
Manual Integrations
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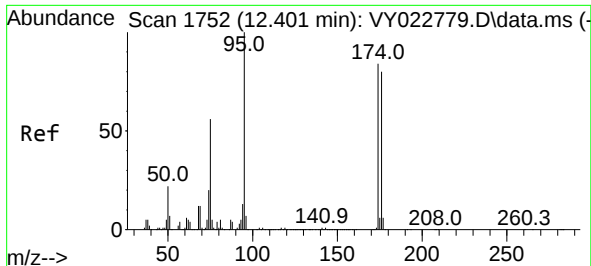
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

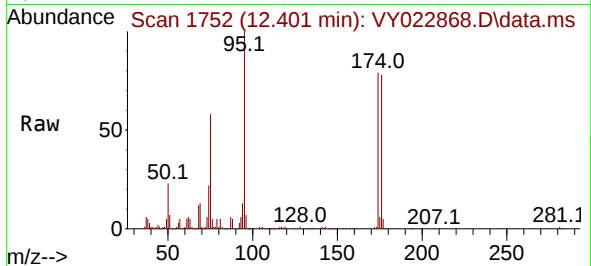
Tgt Ion: 98 Resp: 468295
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 55.865 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

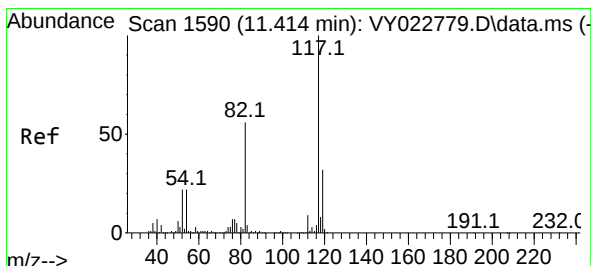
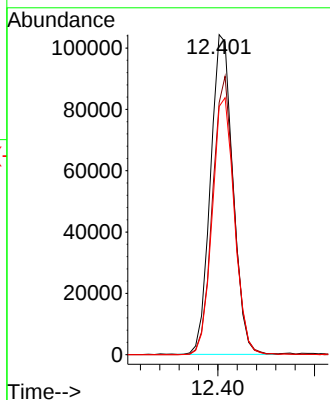
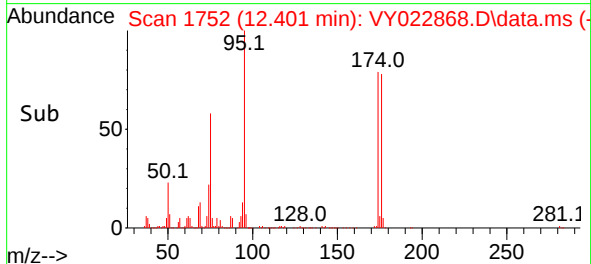
Instrument :
MSVOA_Y
ClientSampleId :
EP-2-VOC



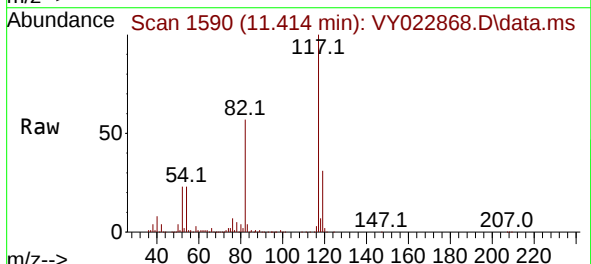
Tgt Ion: 95 Resp: 167915
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.0
176 79.8 0.0 166.2

Manual Integrations
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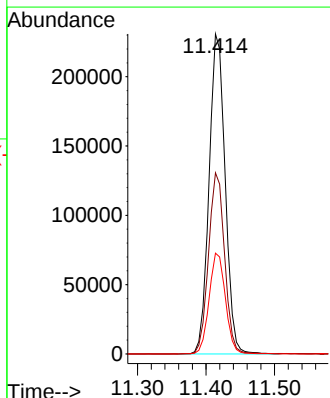
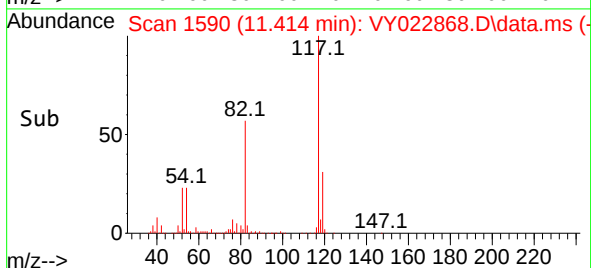
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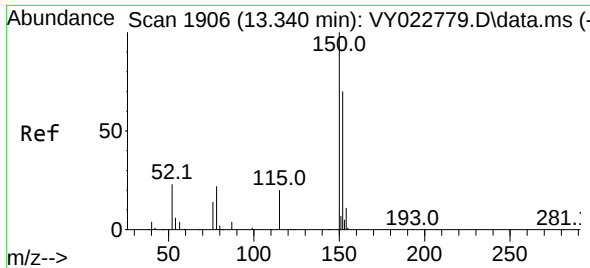


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40



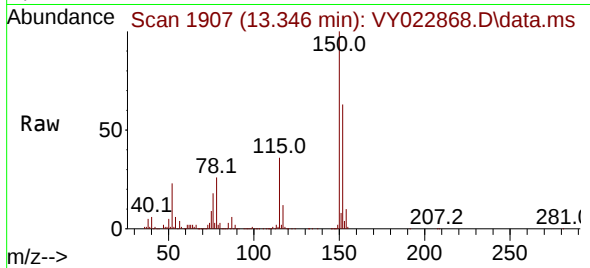
Tgt Ion:117 Resp: 377554
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 31.5 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

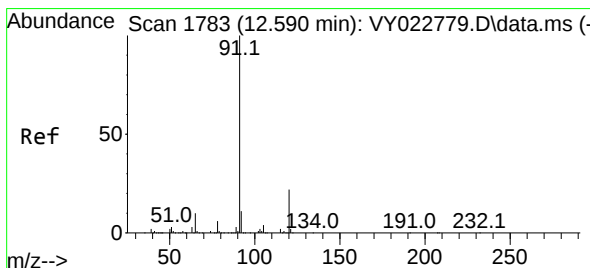
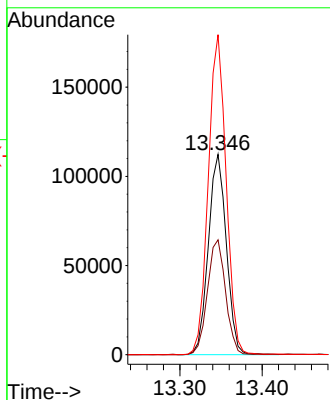
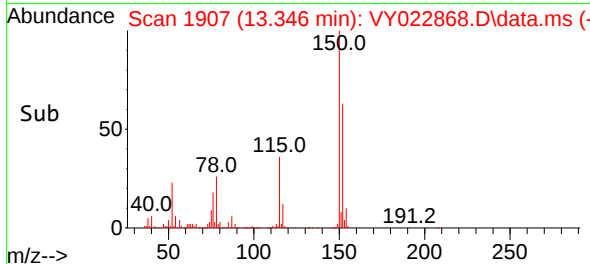
Instrument :
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Tgt Ion:152 Resp: 171179
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 158.0 0.0 349.6

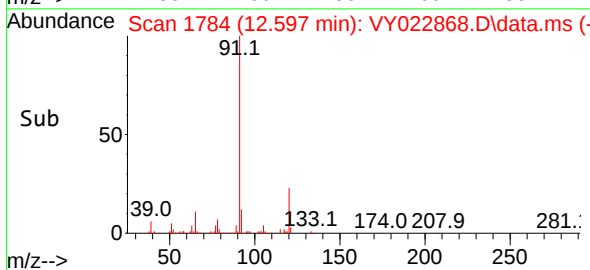
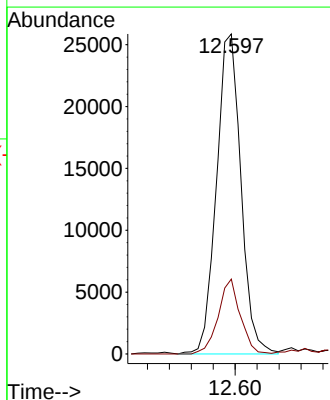
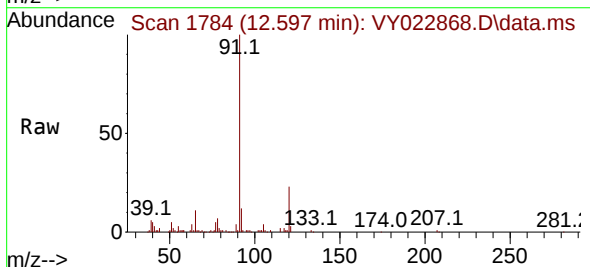
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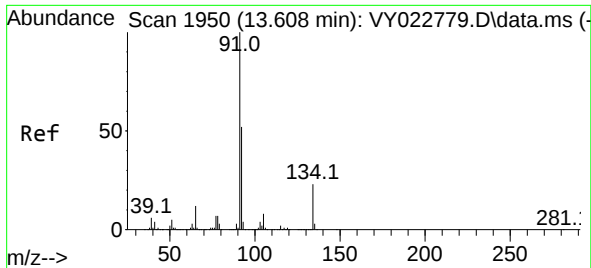
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#78
n-propylbenzene
Concen: 2.622 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022868.D
Acq: 27 Jun 2025 17:40

Tgt Ion: 91 Resp: 40074
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4





#89

n-Butylbenzene

Concen: 2.351 ug/l m

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022868.D

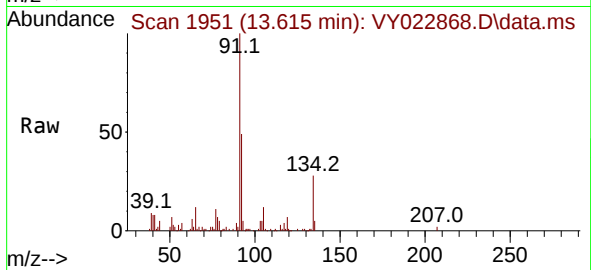
Acq: 27 Jun 2025 17:40

Instrument :

MSVOA_Y

ClientSampleId :

EP-2-VOC



Tgt Ion: 91 Resp: 2495

Ion Ratio Lower Upper

91 100

92 57.2 25.9 77.8

134 0.0 12.0 36.1

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/30/2025

