

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
 Data File : VY023045.D
 Acq On : 22 Jul 2025 14:48
 Operator : SY/MD
 Sample : Q2668-03
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-VOC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
 Supervised By :Semsettin Yesilyurt 07/23/2025

Quant Time: Jul 23 02:04:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	280440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	565707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	625729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	296011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	172831	60.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.760%			
35) Dibromofluoromethane	7.634	113	187149	52.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.300%			
50) Toluene-d8	10.103	98	734435	51.610	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.401	95	335365	74.866	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 149.740%#			
Target Compounds						Qvalue
16) Acetone	3.885	43	6575	12.776	ug/l	99
39) Methylcyclohexane	9.109	83	24559m	3.357	ug/l	
40) Benzene	8.079	78	21371	1.256	ug/l	97

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

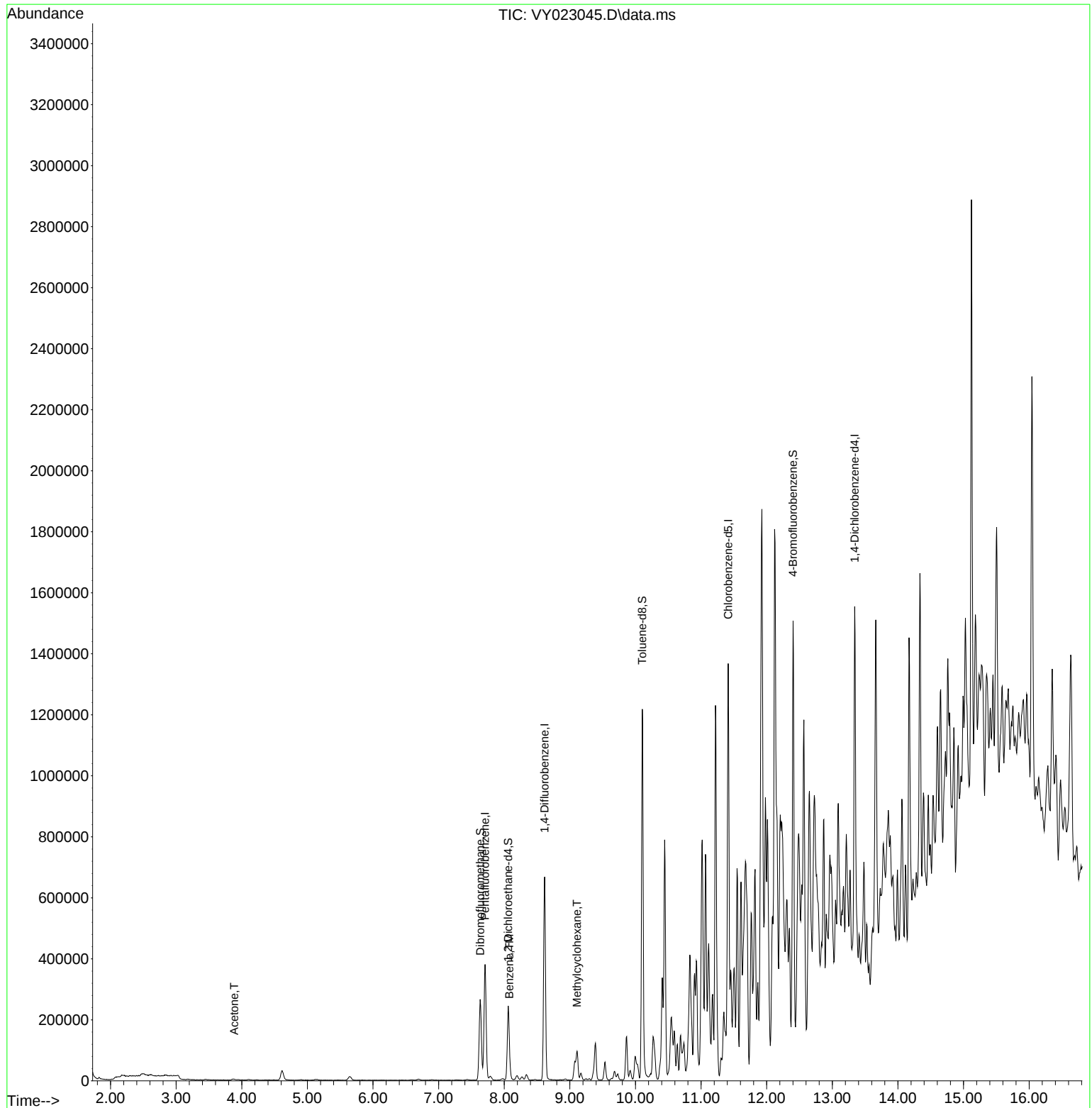
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
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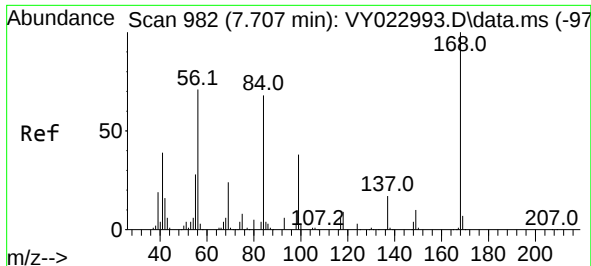
Instrument :
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ClientSampleId :
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Quant Time: Jul 23 02:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
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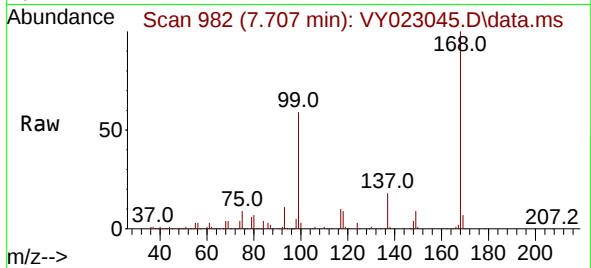
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

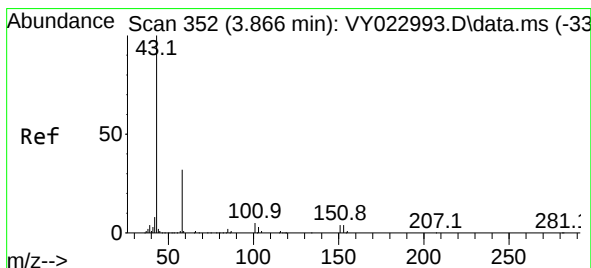
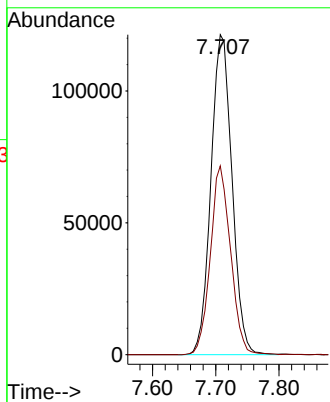
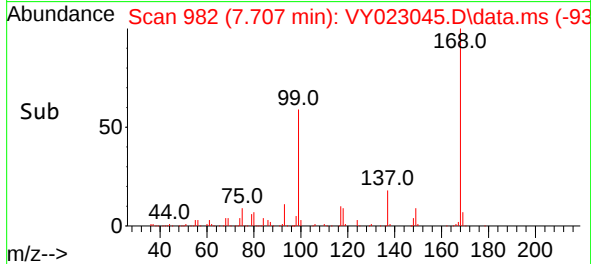
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC



Tgt Ion:168 Resp: 280440
Ion Ratio Lower Upper
168 100
99 59.0 44.4 66.6

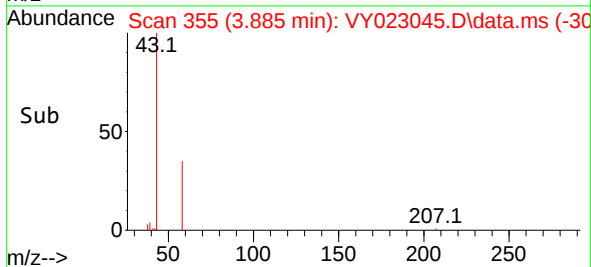
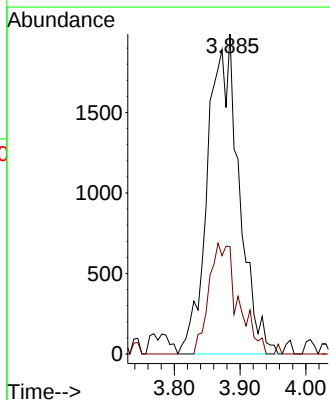
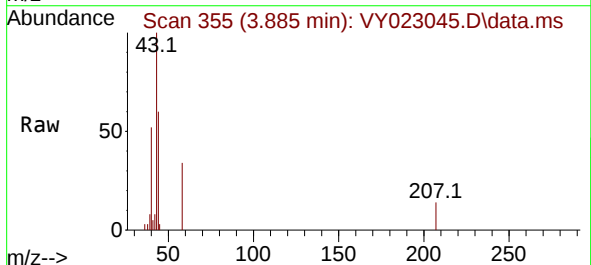
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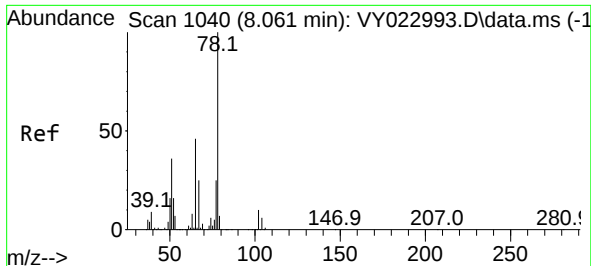
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#16
Acetone
Concen: 12.776 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.018 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

Tgt Ion: 43 Resp: 6575
Ion Ratio Lower Upper
43 100
58 33.6 26.2 39.4





#33

1,2-Dichloroethane-d4

Concen: 60.878 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023045.D

Acq: 22 Jul 2025 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOC

Tgt Ion: 65 Resp: 17283

Ion Ratio Lower Upper

65 100

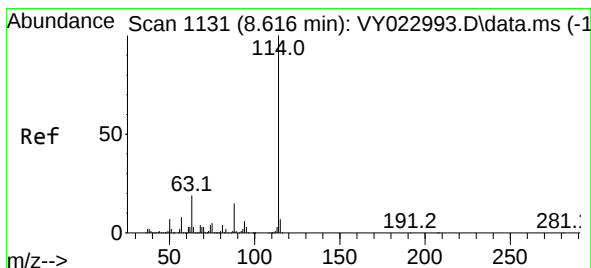
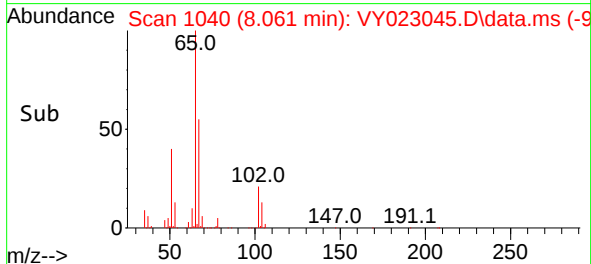
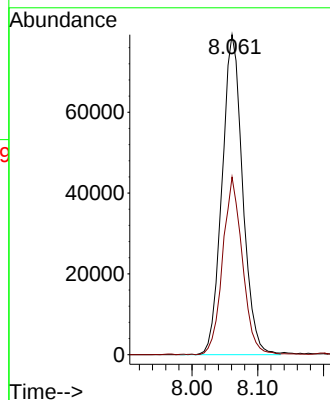
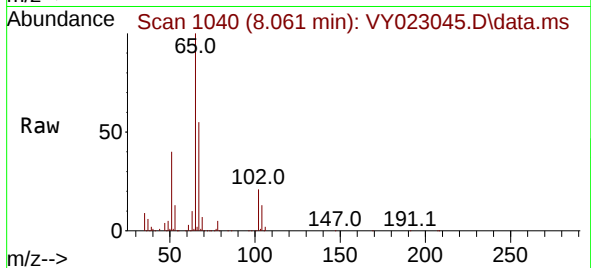
67 53.4 0.0 107.4

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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: VY023045.D

Acq: 22 Jul 2025 14:48

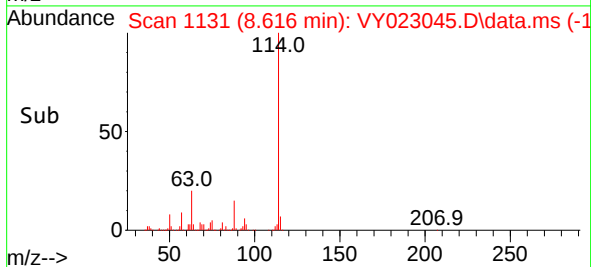
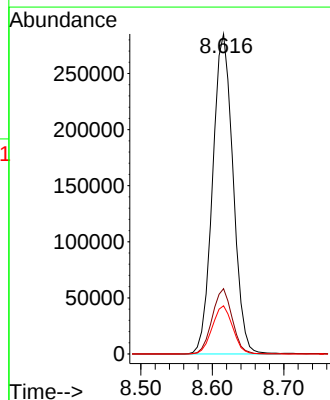
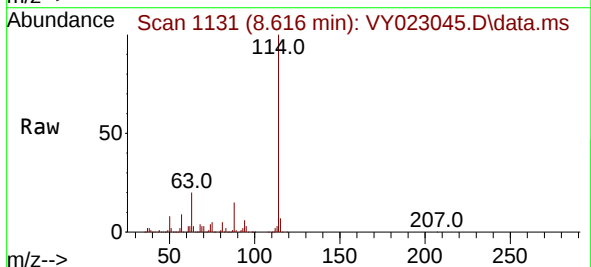
Tgt Ion:114 Resp: 565707

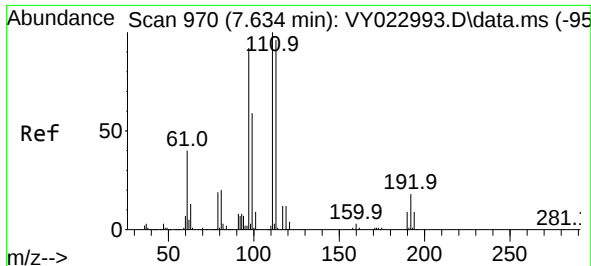
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

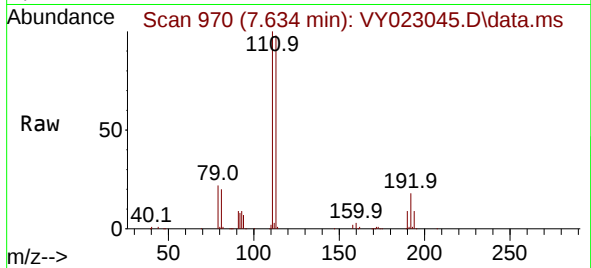
88 15.1 0.0 30.2





#35
Dibromofluoromethane
Concen: 52.153 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

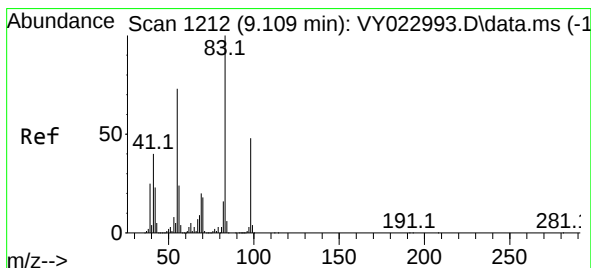
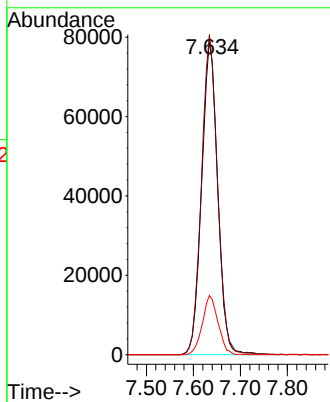
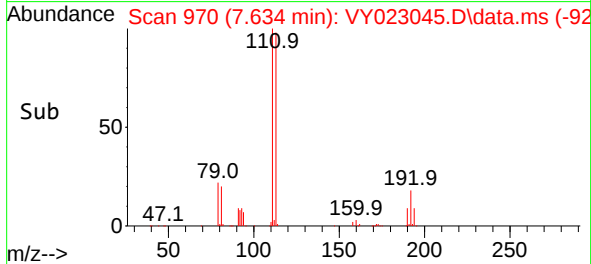
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC



Tgt Ion:113 Resp: 187149
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.5 15.3 22.9

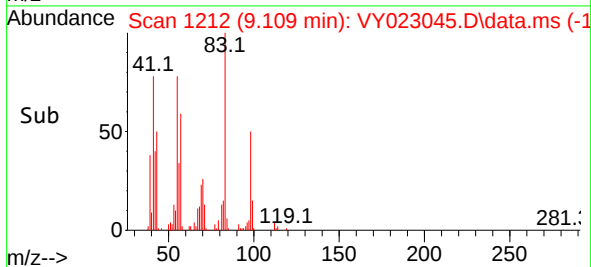
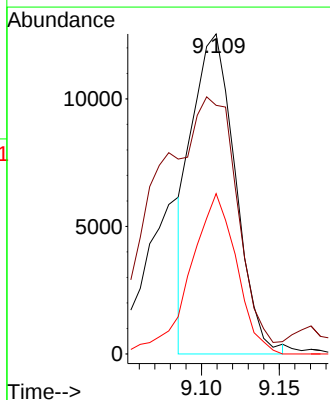
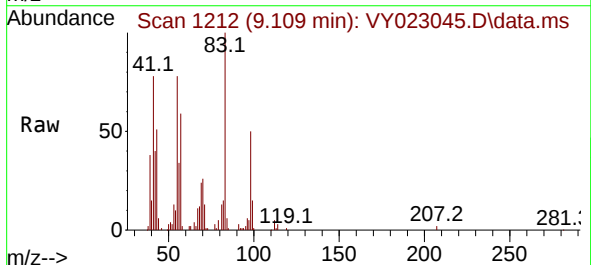
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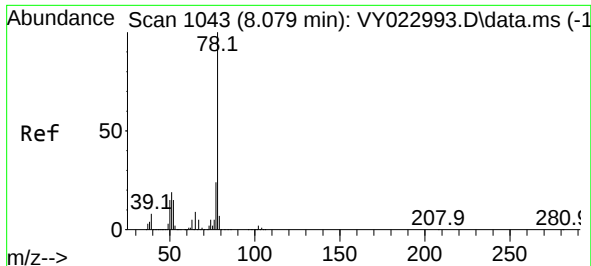
Reviewed By :Mahesh Dadoda 07/23/2025
Supervised By :Semsettin Yesilyurt 07/23/2025



#39
Methylcyclohexane
Concen: 3.357 ug/l m
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

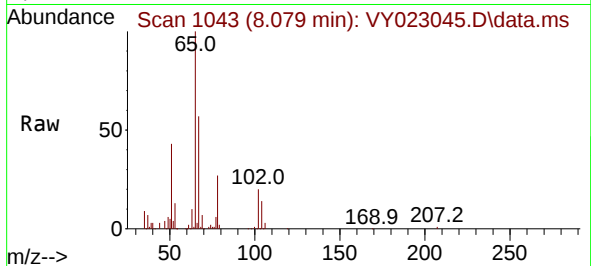
Tgt Ion: 83 Resp: 24559
Ion Ratio Lower Upper
83 100
55 77.7 58.1 87.1
98 50.1 38.5 57.7





#40
Benzene
Concen: 1.256 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

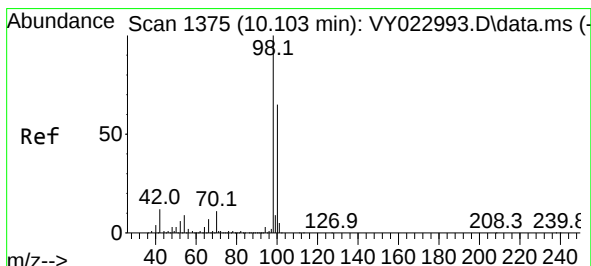
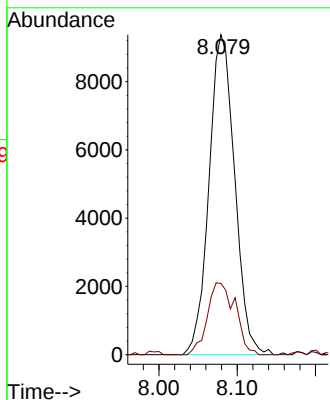
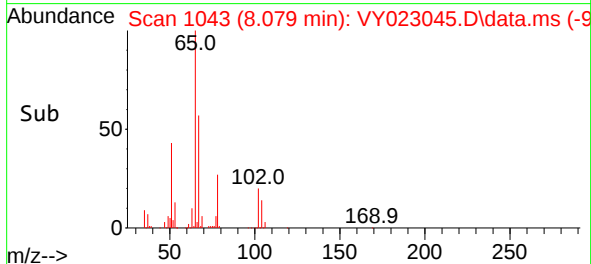
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TP-2-VOC



Tgt Ion: 78 Resp: 2137
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.4

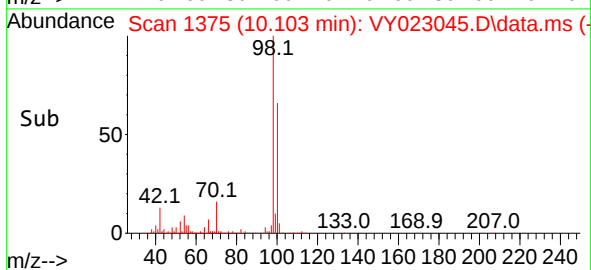
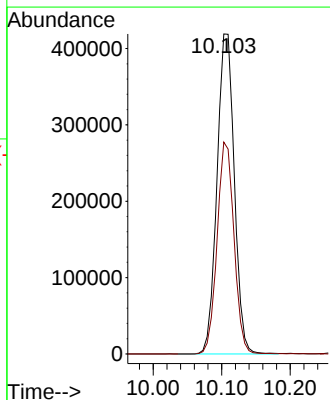
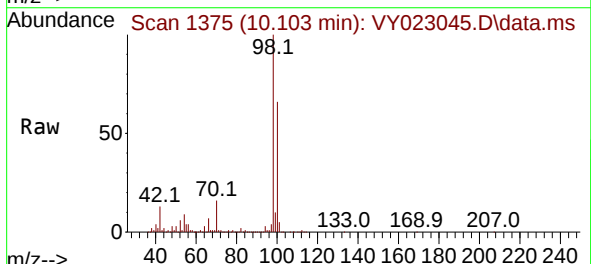
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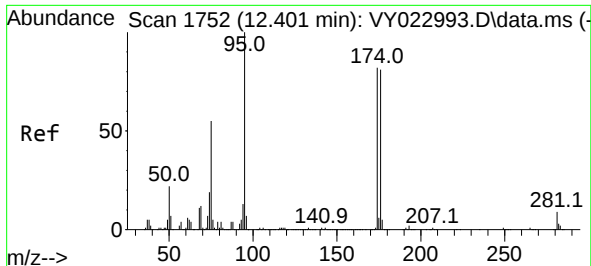
Reviewed By :Mahesh Dadoda 07/23/2025
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#50
Toluene-d8
Concen: 51.610 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

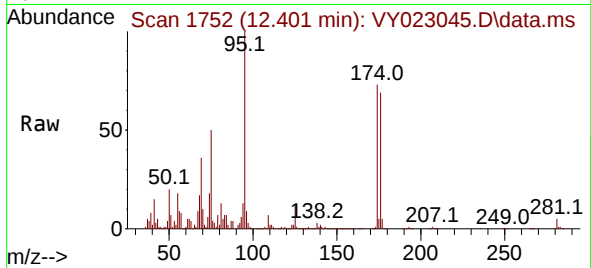
Tgt Ion: 98 Resp: 734435
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#62
4-Bromofluorobenzene
Concen: 74.866 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48

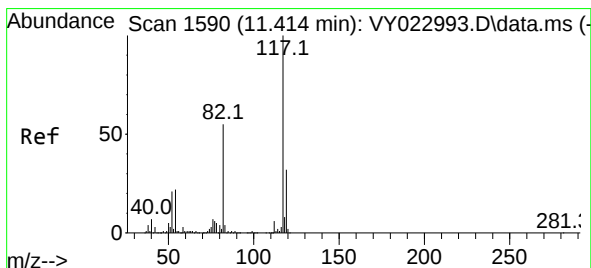
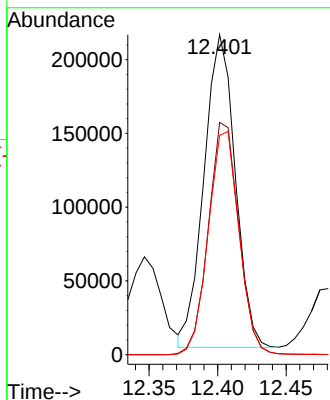
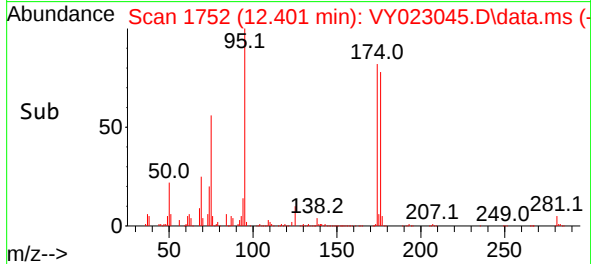
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC



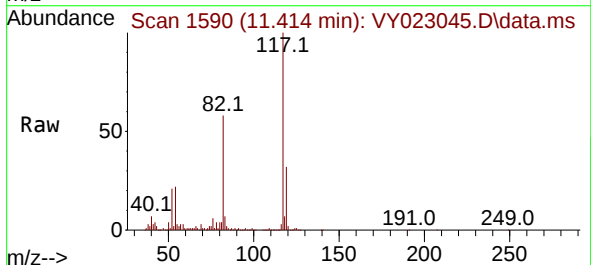
Tgt Ion: 95 Resp: 33536
Ion Ratio Lower Upper
95 100
174 72.8 0.0 170.8
176 70.7 0.0 163.6

Manual Integrations
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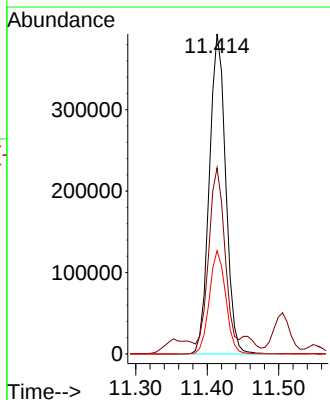
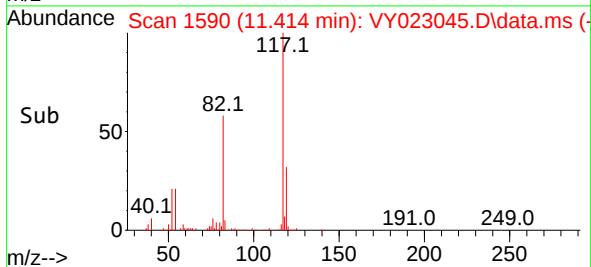
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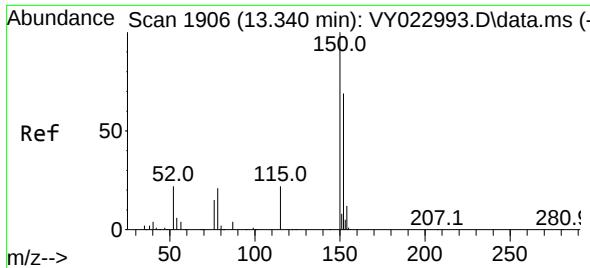


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023045.D
Acq: 22 Jul 2025 14:48



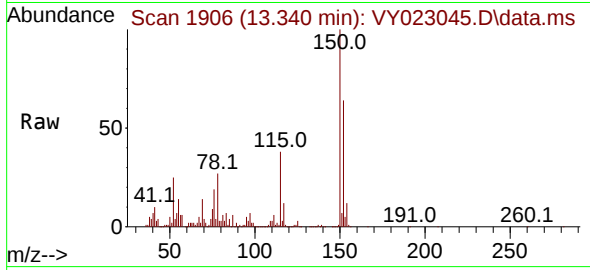
Tgt Ion:117 Resp: 625729
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.3 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY023045.D
 Acq: 22 Jul 2025 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-VOC



Tgt Ion:152 Resp: 296011

Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.4	88.2
150	154.5	0.0	350.0

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