

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022735.D
 Acq On : 18 Jun 2025 13:02
 Operator : SY/MD
 Sample : Q2347-03
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/21/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 05:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	90024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	165814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	140583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	55850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	53408	53.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.640	113	51869	52.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.109	98	204999	51.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.401	95	52586	44.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.260%	
Target Compounds						Qvalue
16) Acetone	3.885	43	1906m	9.321	ug/l	
20) Methylene Chloride	4.616	84	8666	7.461	ug/l	88

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

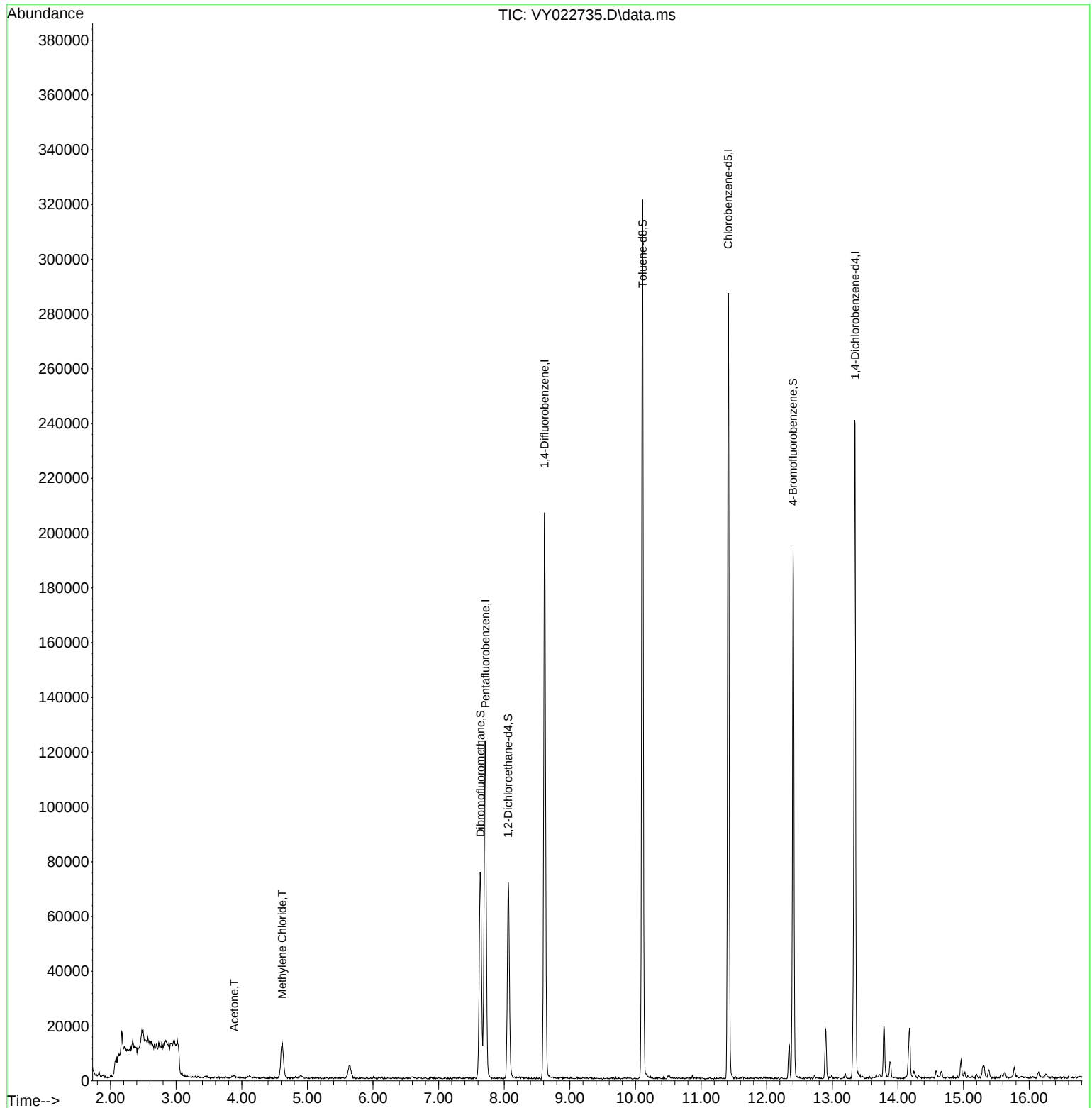
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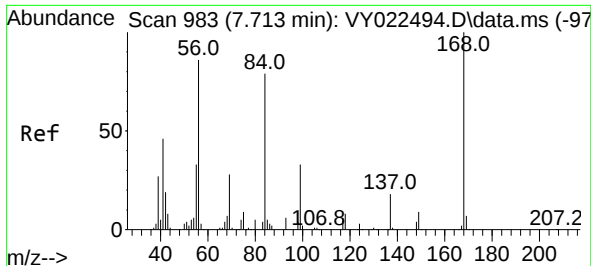
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ClientSampleId :
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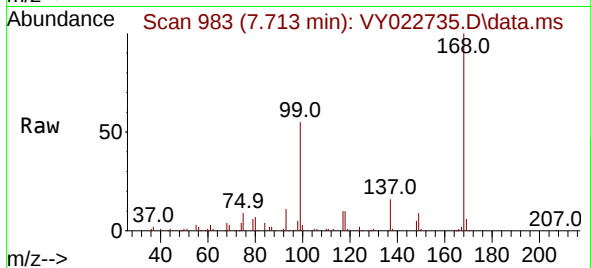
Reviewed By : Semsettin Yesilyurt 06/21/2025
Supervised By : Mahesh Dadoda 06/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

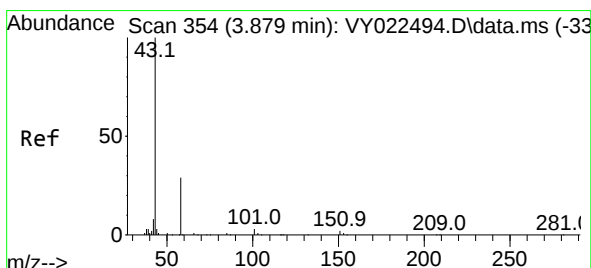
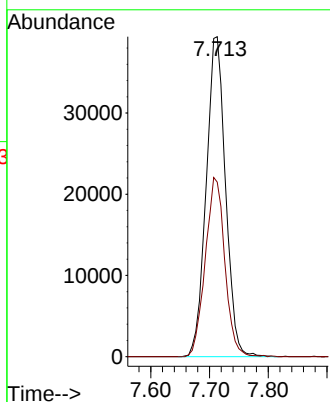
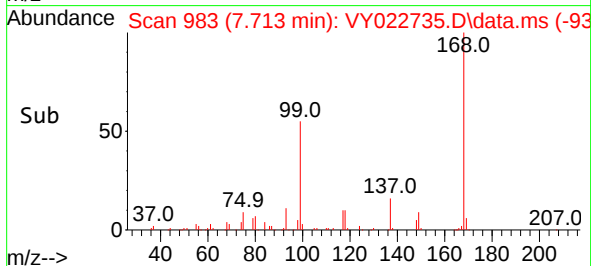
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC



Tgt Ion:168 Resp: 90024
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5

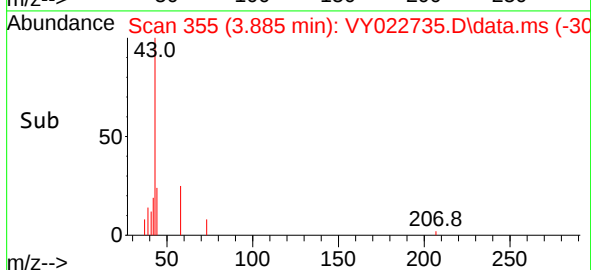
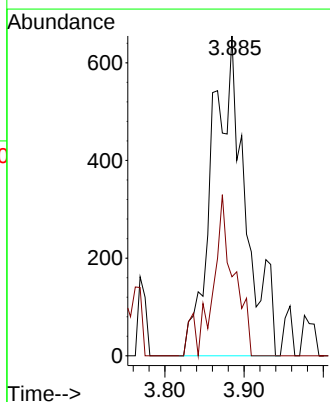
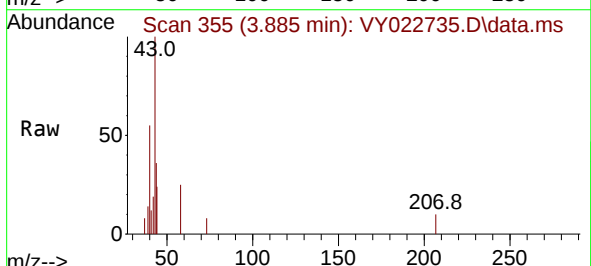
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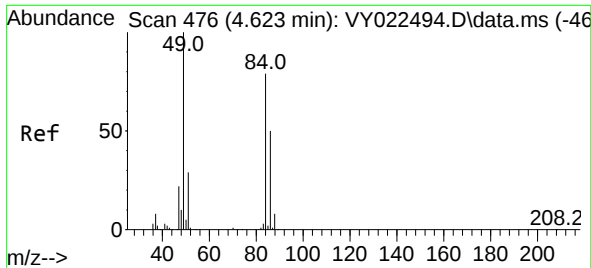
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 9.321 ug/l m
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

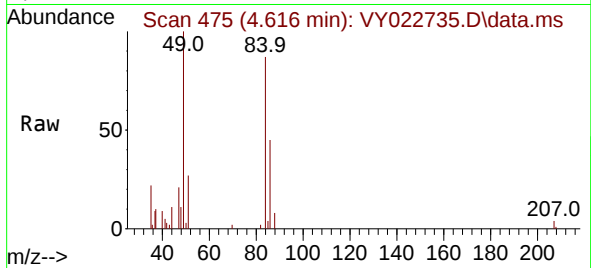
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 24.7 24.0 36.0





#20
Methylene Chloride
Concen: 7.461 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

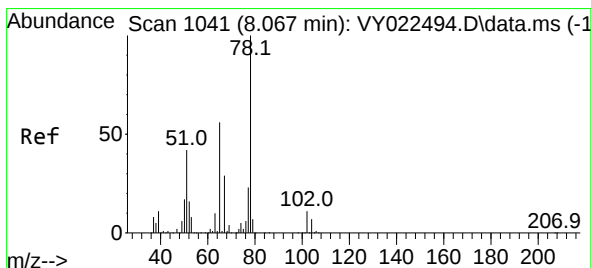
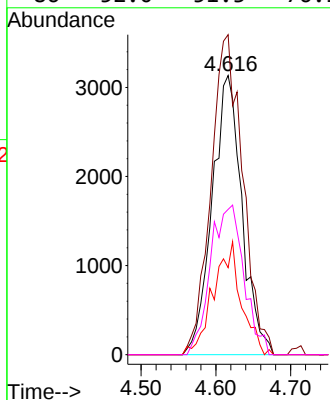
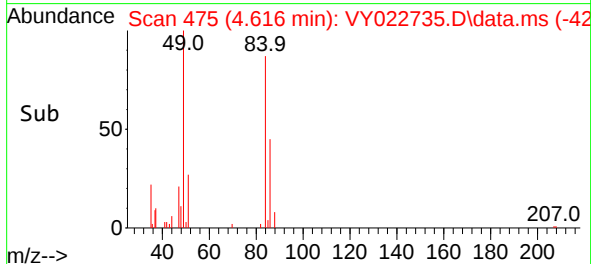
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC



Tgt Ion: 84 Resp: 866
Ion Ratio Lower Upper
84 100
49 114.6 101.9 152.9
51 31.2 29.8 44.8
86 52.0 51.3 76.9

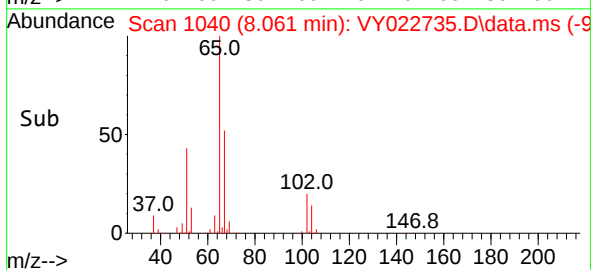
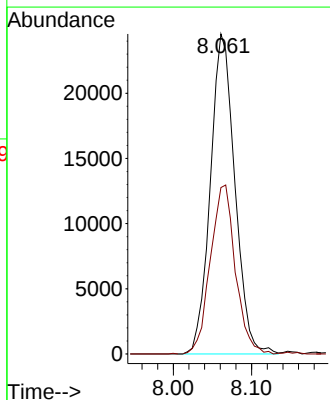
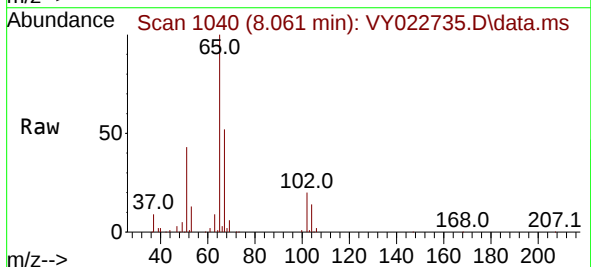
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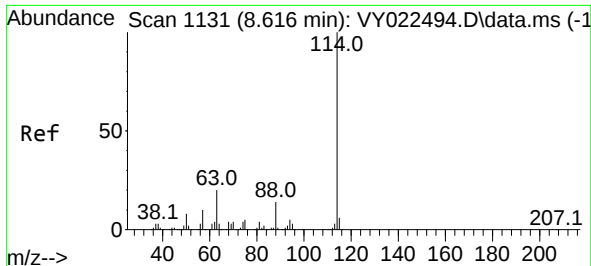
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#33
1,2-Dichloroethane-d4
Concen: 53.044 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

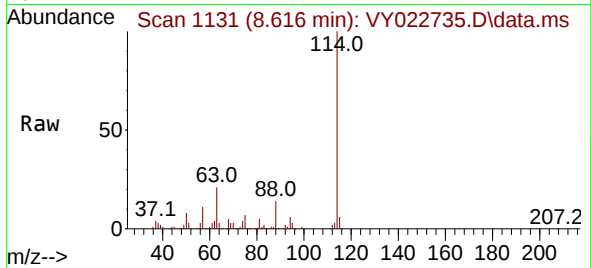
Tgt Ion: 65 Resp: 53408
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

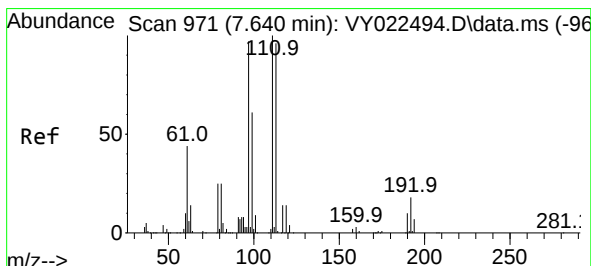
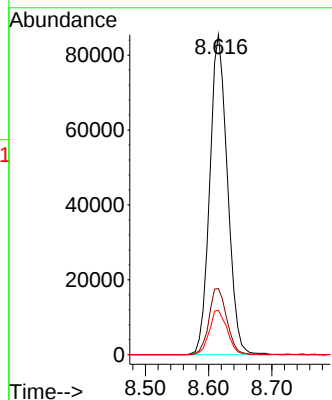
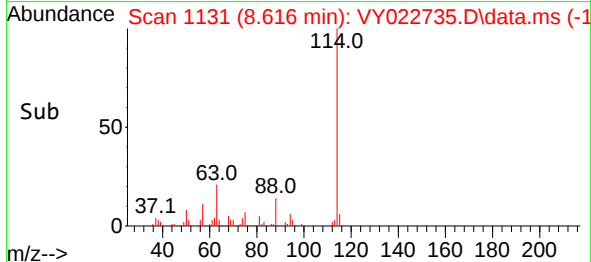
Instrument :
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ClientSampleId :
TP-10-VOC



Tgt Ion:114 Resp: 165814
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 13.9 0.0 27.8

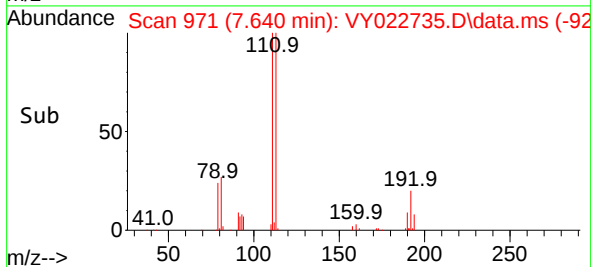
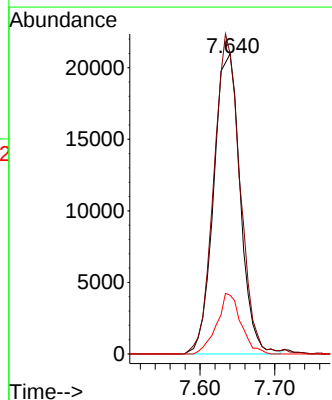
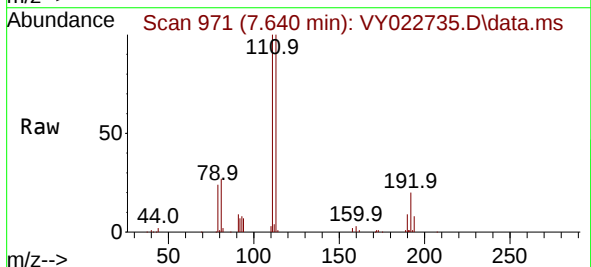
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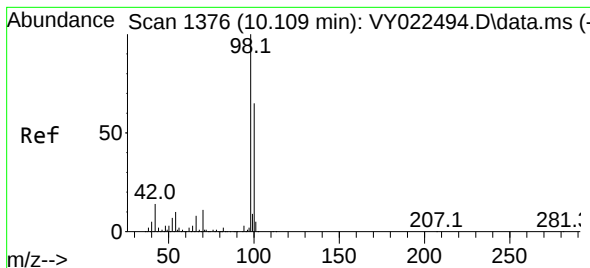
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#35
Dibromofluoromethane
Concen: 52.408 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

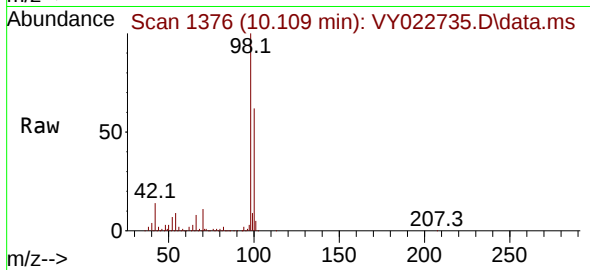
Tgt Ion:113 Resp: 51869
Ion Ratio Lower Upper
113 100
111 105.1 81.1 121.7
192 18.3 14.2 21.2





#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

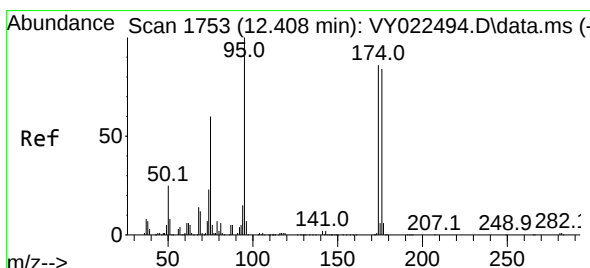
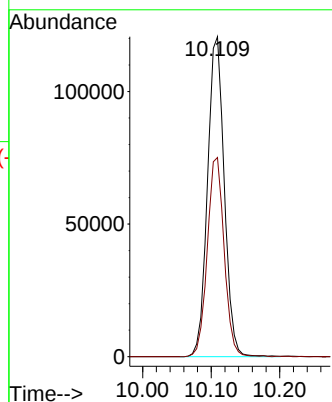
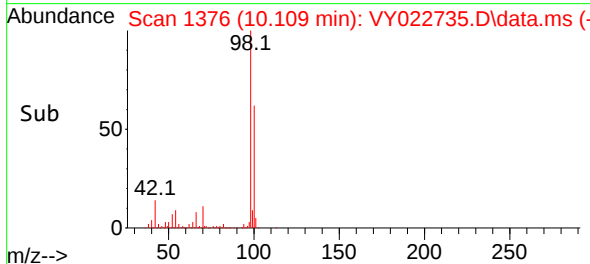
Instrument :
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TP-10-VOC



Tgt Ion: 98 Resp: 204999
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0

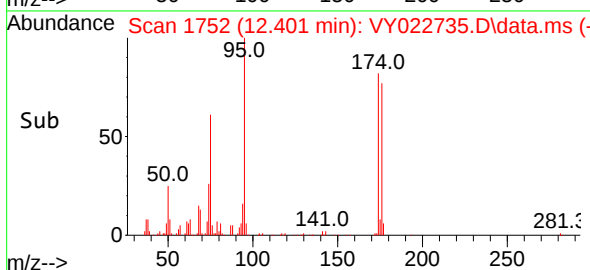
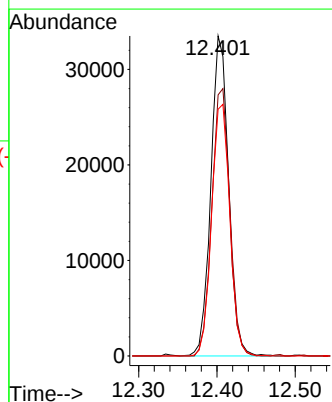
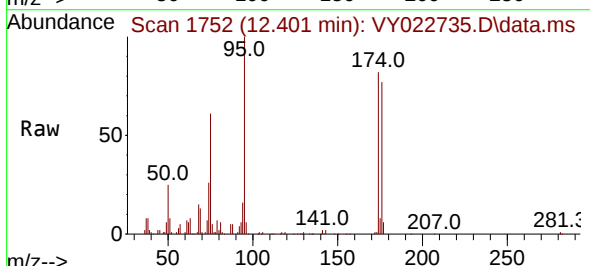
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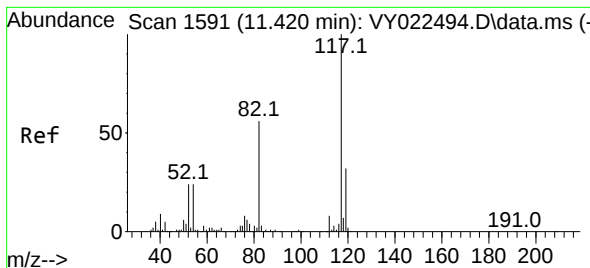
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 44.134 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022735.D
Acq: 18 Jun 2025 13:02

Tgt Ion: 95 Resp: 52586
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 80.7 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1159

Delta R.T. -0.006 min

Lab File: VY022735.D

Acq: 18 Jun 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

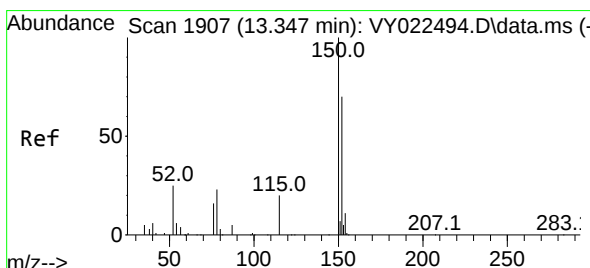
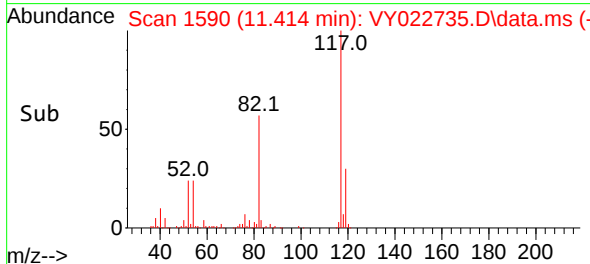
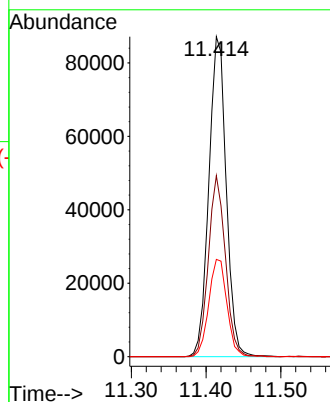
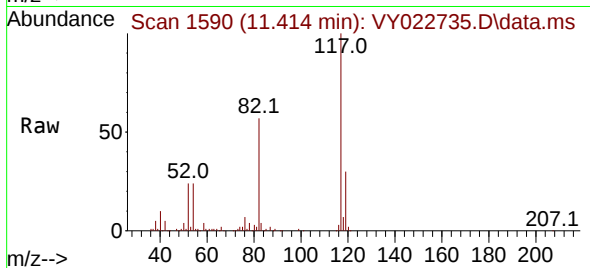
TP-10-VOC

Tgt Ion:	117	Resp:	14058
Ion Ratio	Lower	Upper	
117	100		
82	56.6	44.6	66.8
119	30.4	25.4	38.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022735.D

Acq: 18 Jun 2025 13:02

Tgt Ion:	152	Resp:	55850
Ion Ratio	Lower	Upper	
152	100		
115	55.4	28.9	86.7
150	154.7	0.0	349.6

