

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023328.D
 Acq On : 10 Sep 2025 12:49
 Operator : SY/MD
 Sample : Q3058-01
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPXY5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/11/2025
 Supervised By :Semsettin Yesilyurt 09/11/2025

Quant Time: Sep 11 03:49:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	542076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1032321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	977441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	418953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	295336	62.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.000%			
35) Dibromofluoromethane	7.634	113	341940	54.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.380%			
50) Toluene-d8	10.109	98	1240309	52.053	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.407	95	409365	54.593	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.180%			
Target Compounds					Qvalue	
16) Acetone	3.866	43	12220m	11.263	ug/l	
20) Methylene Chloride	4.622	84	22696	3.910	ug/l	91
52) Toluene	10.170	92	45192	2.549	ug/l	98
67) Ethyl Benzene	11.517	91	3721737	106.388	ug/l	97
68) m/p-Xylenes	11.627	106	5242152	374.226	ug/l	92
69) o-Xylene	11.956	106	1255978	96.856	ug/l	98

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

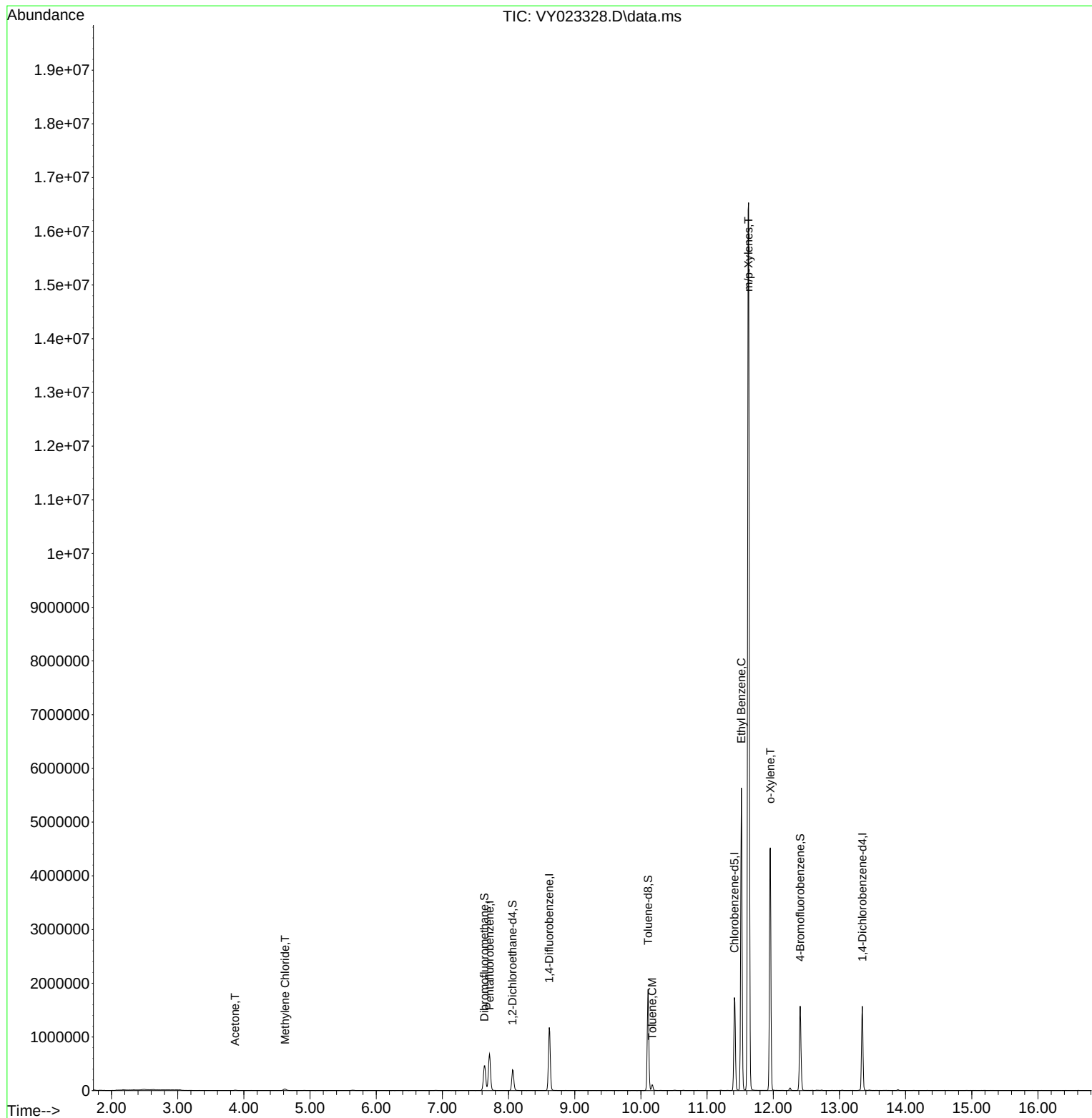
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
Data File : VY023328.D
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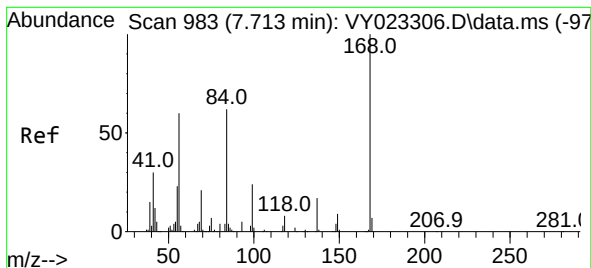
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5

Quant Time: Sep 11 03:49:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
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QLast Update : Wed Sep 10 01:44:33 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023328.D

Acq: 10 Sep 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

RPXY5

Tgt Ion:168 Resp: 542070

Ion Ratio Lower Upper

168 100

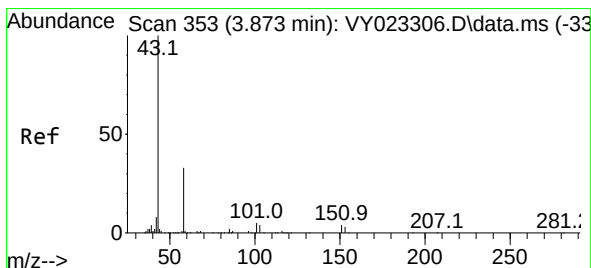
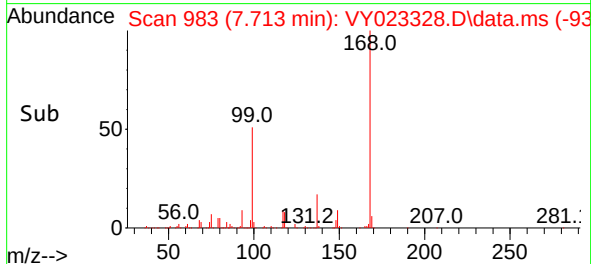
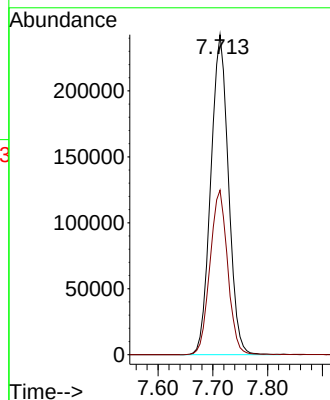
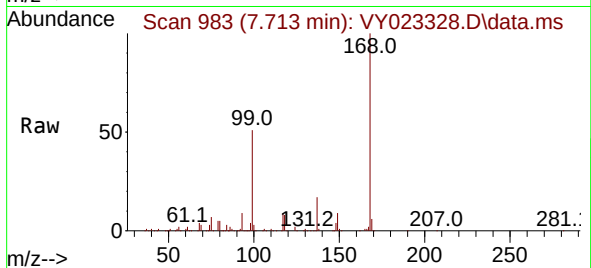
99 51.4 42.8 64.2

Manual Integrations

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#16

Acetone

Concen: 11.263 ug/l m

RT: 3.866 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY023328.D

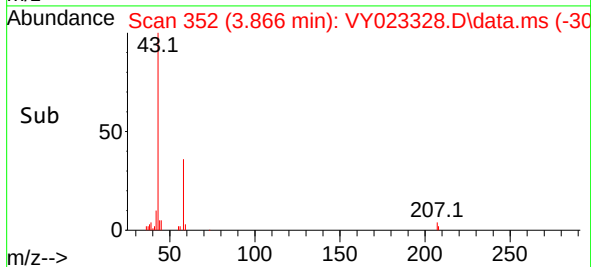
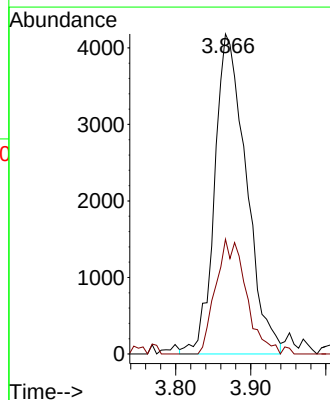
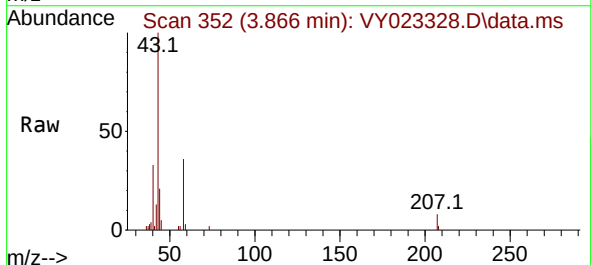
Acq: 10 Sep 2025 12:49

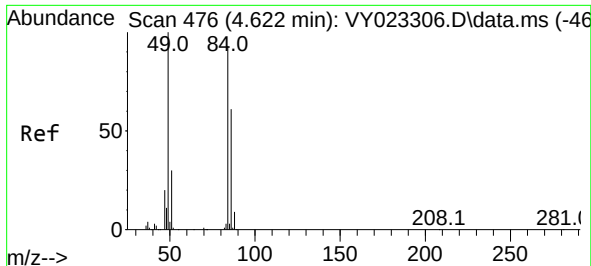
Tgt Ion: 43 Resp: 12220

Ion Ratio Lower Upper

43 100

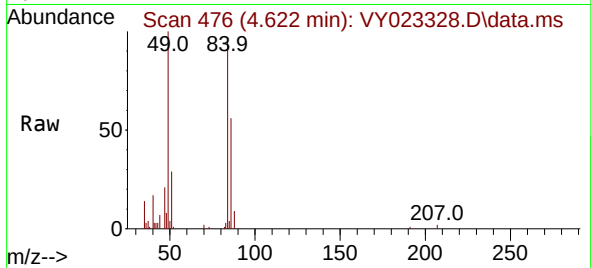
58 35.9 27.1 40.7





#20
Methylene Chloride
Concen: 3.910 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

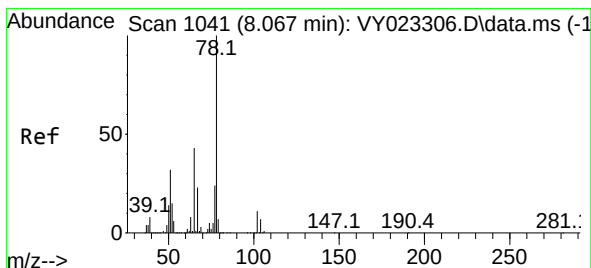
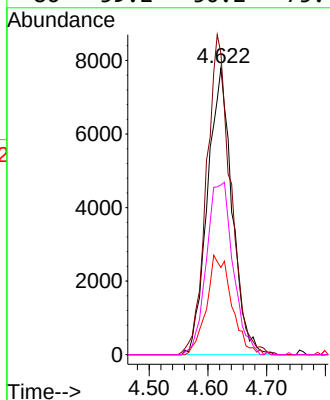
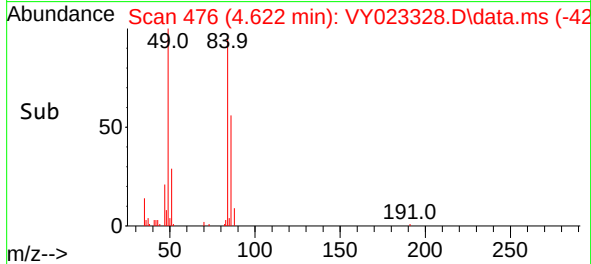
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



Tgt Ion:	84	Resp:	22690
Ion	Ratio	Lower	Upper
84	100		
49	105.1	93.0	139.6
51	30.5	29.0	43.4
86	59.2	50.2	75.4

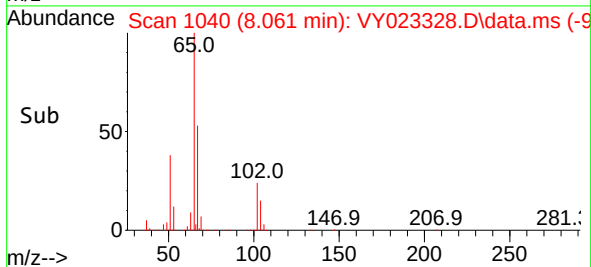
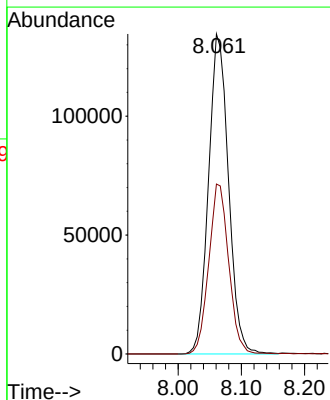
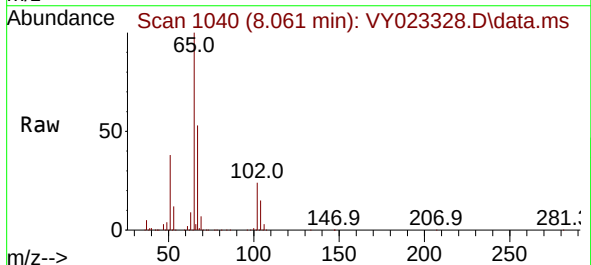
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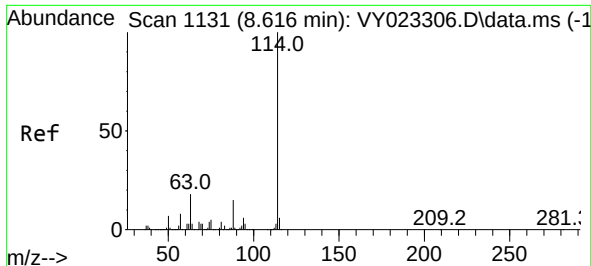
Reviewed By :Mahesh Dadoda 09/11/2025
Supervised By :Semsettin Yesilyurt 09/11/2025



#33
1,2-Dichloroethane-d4
Concen: 62.002 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

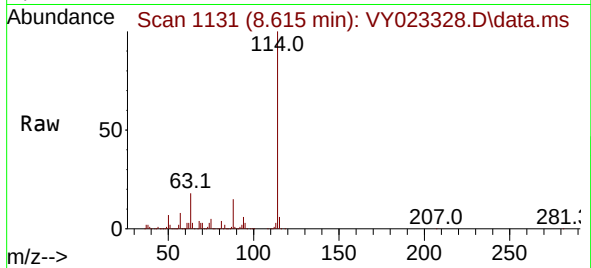
Tgt Ion:	65	Resp:	295336
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

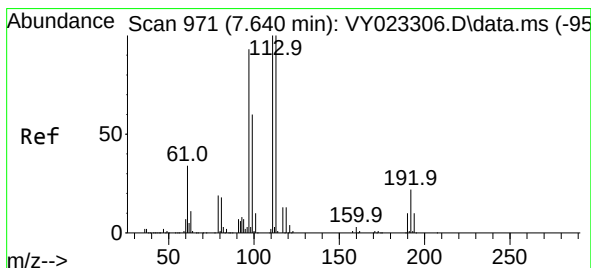
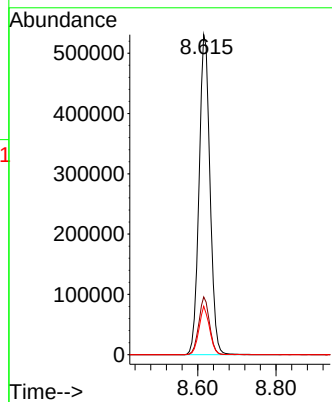
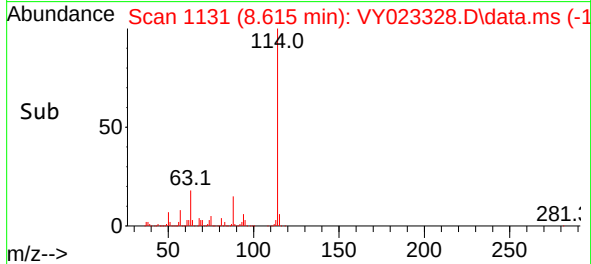
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



Tgt Ion:114 Resp: 103232
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 15.2 0.0 30.0

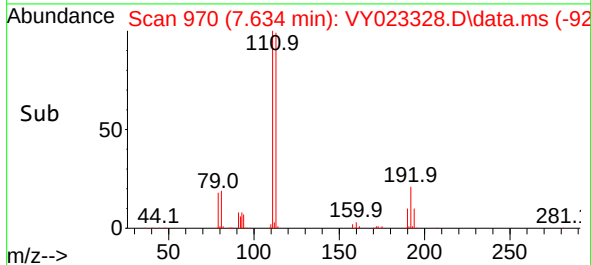
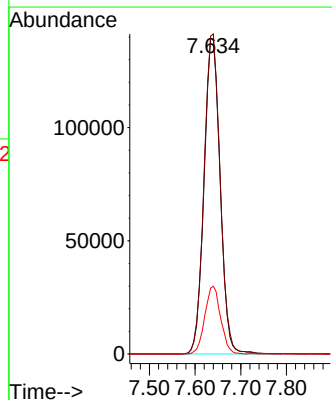
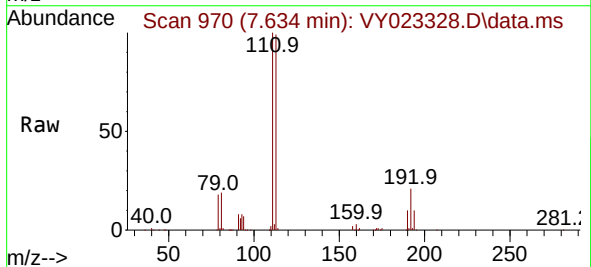
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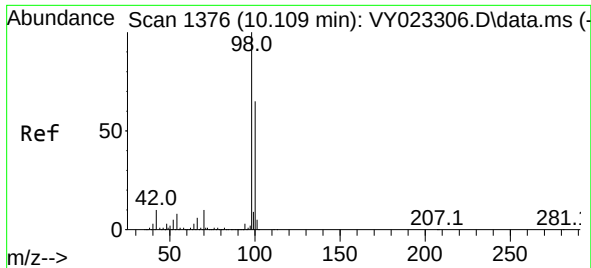
Reviewed By :Mahesh Dadoda 09/11/2025
Supervised By :Semsettin Yesilyurt 09/11/2025



#35
Dibromofluoromethane
Concen: 54.188 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

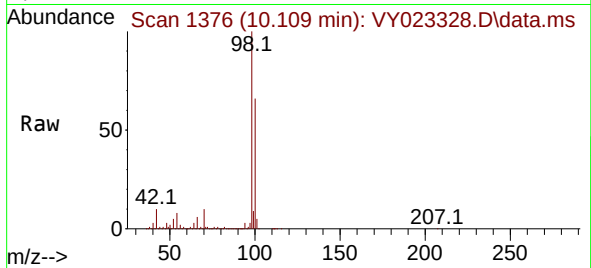
Tgt Ion:113 Resp: 341940
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 21.1 16.2 24.4





#50
Toluene-d8
Concen: 52.053 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

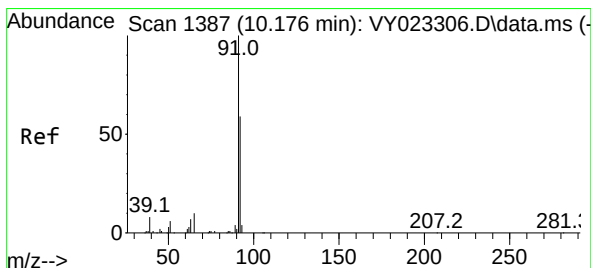
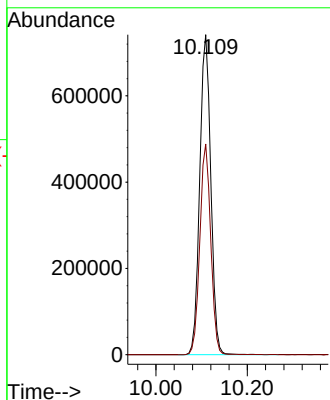
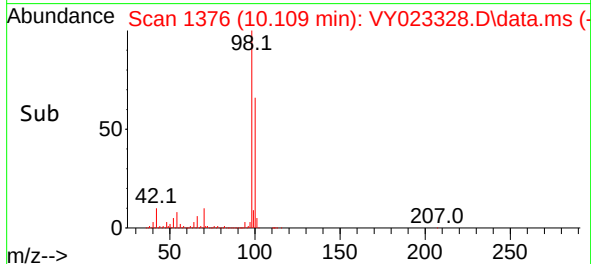
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



Tgt Ion: 98 Resp: 1240309
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

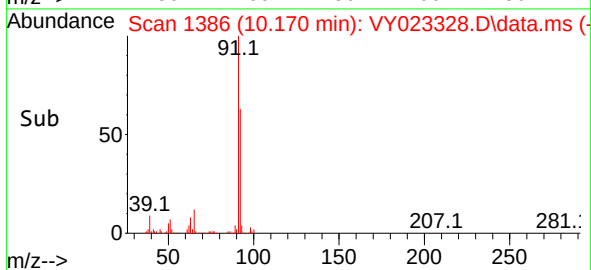
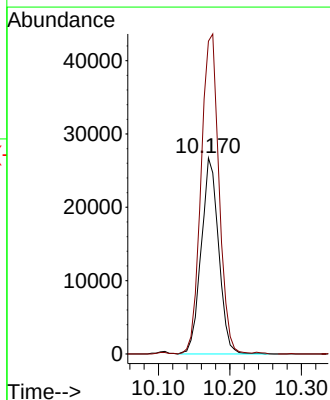
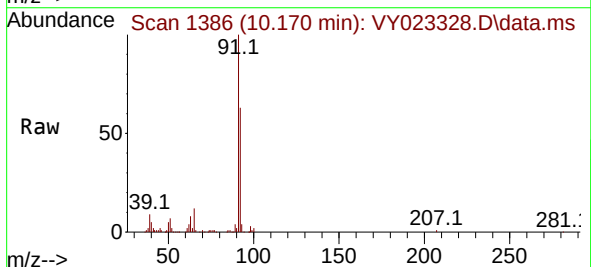
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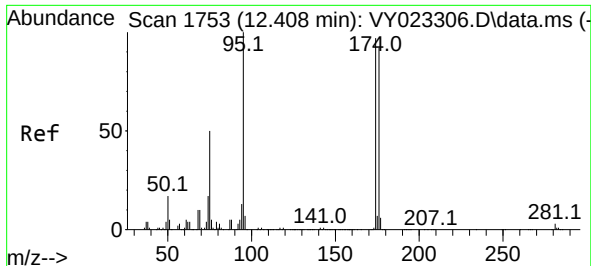
Reviewed By :Mahesh Dadoda 09/11/2025
Supervised By :Semsettin Yesilyurt 09/11/2025



#52
Toluene
Concen: 2.549 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

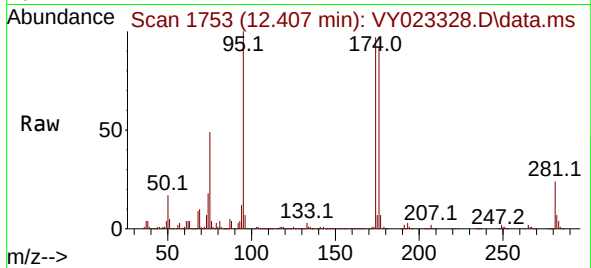
Tgt Ion: 92 Resp: 45192
Ion Ratio Lower Upper
92 100
91 168.3 136.4 204.6





#62
4-Bromofluorobenzene
Concen: 54.593 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

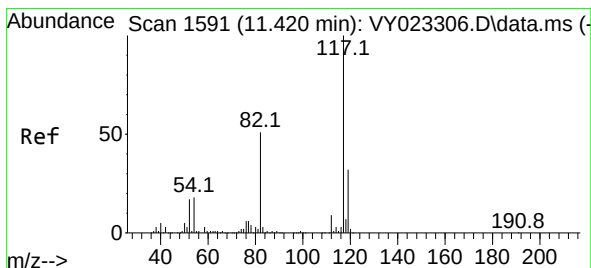
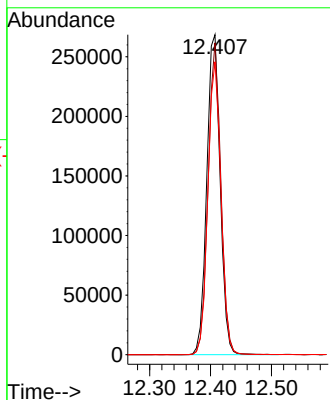
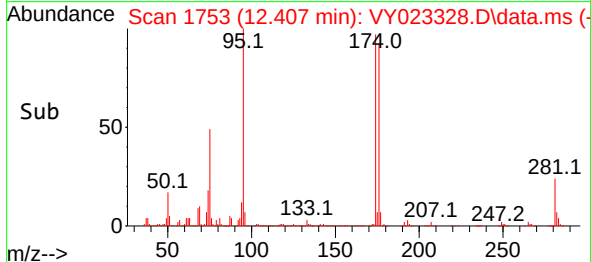
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



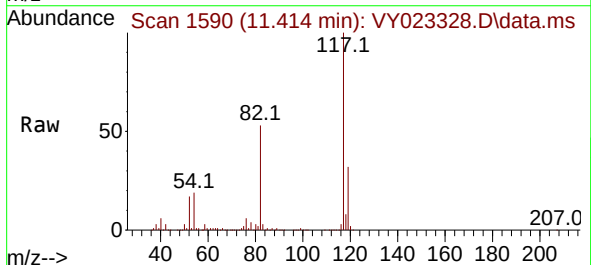
Tgt Ion: 95 Resp: 409368
Ion Ratio Lower Upper
95 100
174 93.3 0.0 171.6
176 89.7 0.0 167.6

Manual Integrations
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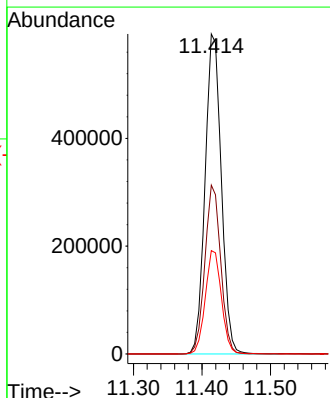
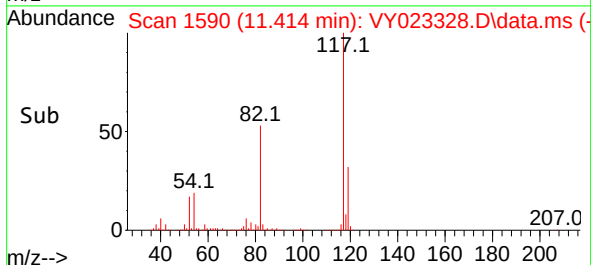
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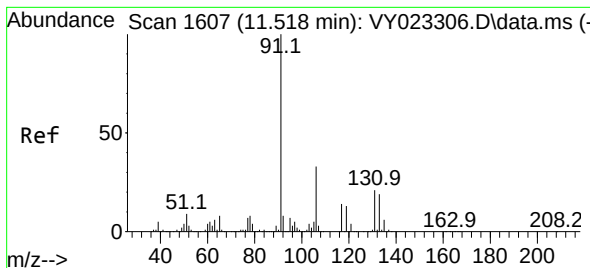


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49



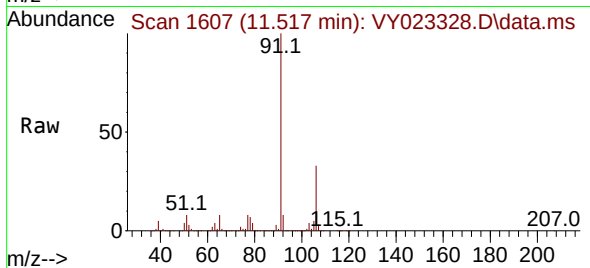
Tgt Ion:117 Resp: 977441
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.3 25.6 38.4





#67
Ethyl Benzene
Concen: 106.388 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

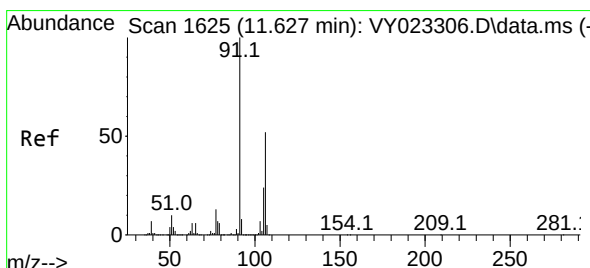
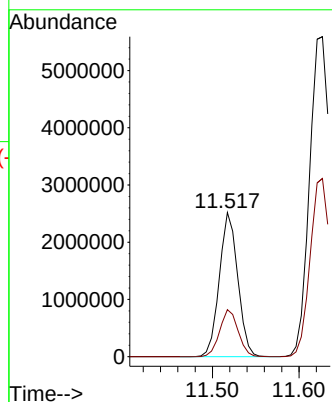
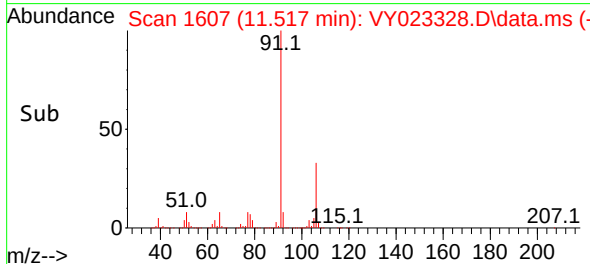
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



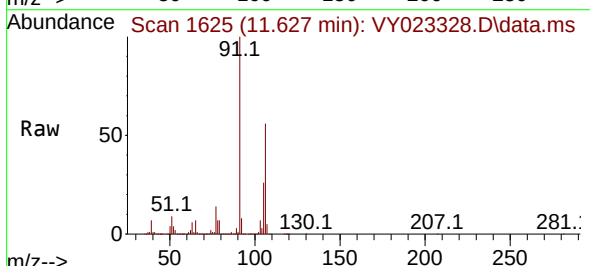
Tgt Ion: 91 Resp: 372173
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.4

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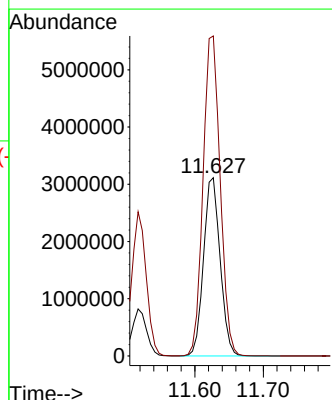
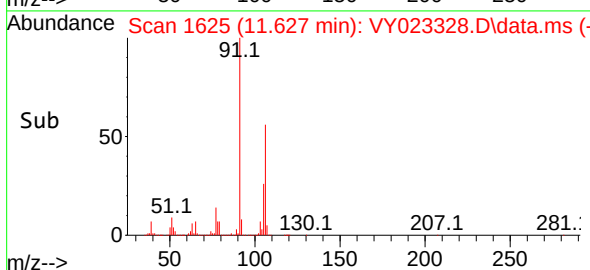
Reviewed By :Mahesh Dadoda 09/11/2025
Supervised By :Semsettin Yesilyurt 09/11/2025

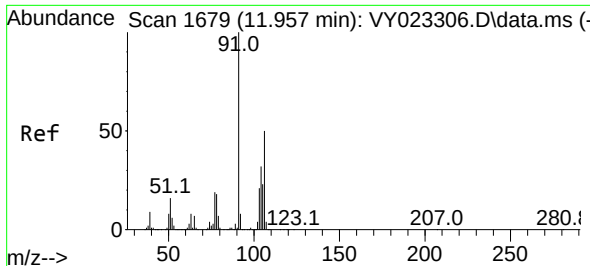


#68
m/p-Xylenes
Concen: 374.226 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49



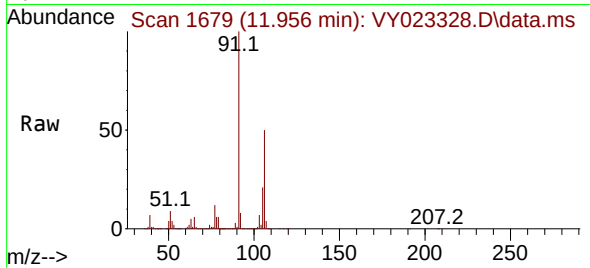
Tgt Ion:106 Resp: 5242152
Ion Ratio Lower Upper
106 100
91 185.8 158.6 238.0





#69
o-Xylene
Concen: 96.856 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

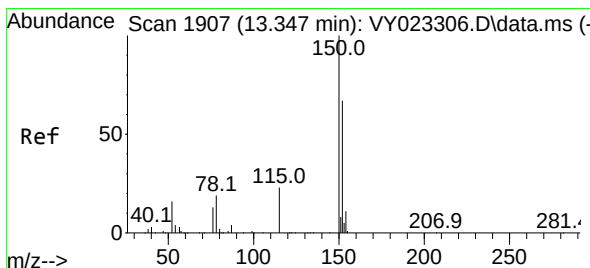
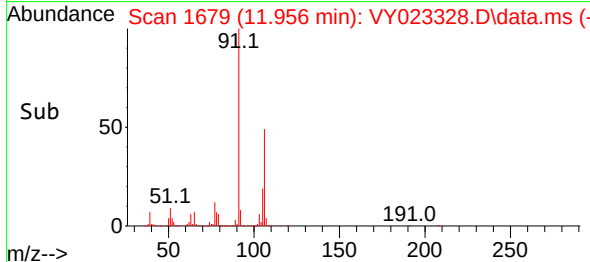
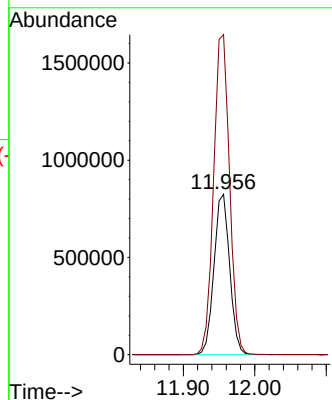
Instrument :
MSVOA_Y
ClientSampleId :
RPXY5



Tgt Ion:106 Resp: 1255978
Ion Ratio Lower Upper
106 100
91 202.8 103.2 309.4

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Supervised By :Semsettin Yesilyurt 09/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023328.D
Acq: 10 Sep 2025 12:49

Tgt Ion:152 Resp: 418953
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.6
150 155.8 0.0 348.0

