

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022700.D
 Acq On : 16 Jun 2025 11:46
 Operator : SY/MD
 Sample : Q2322-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-061325

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 05:52:57 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	7.707	168	36222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	63830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	51595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	19372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21131	52.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.320%	
35) Dibromofluoromethane	7.634	113	19950	52.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.109	98	77133	50.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.408	95	20537	44.775	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.540%	
Target Compounds						Qvalue
20) Methylene Chloride	4.604	84	2208m	4.725	ug/l	

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

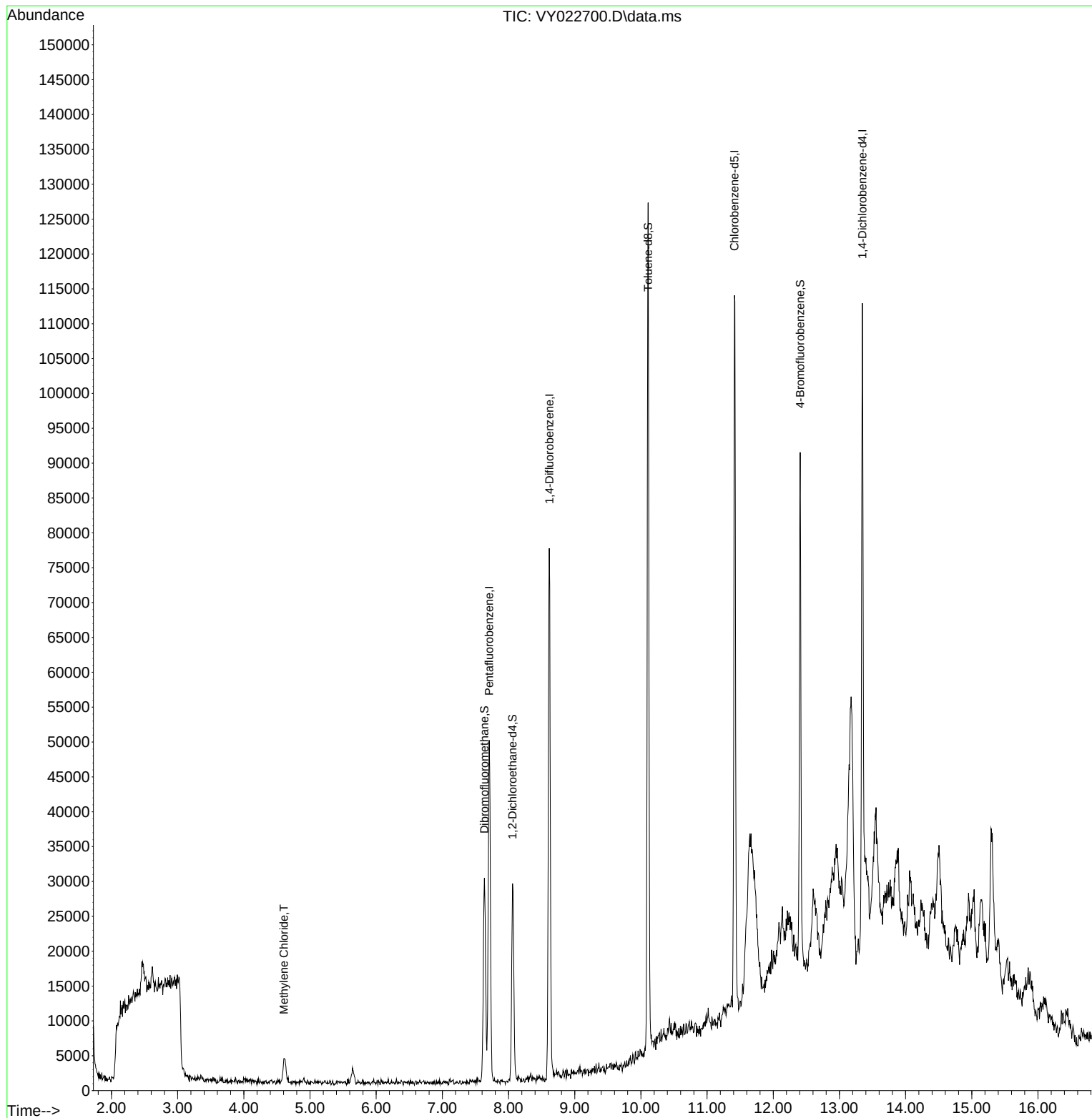
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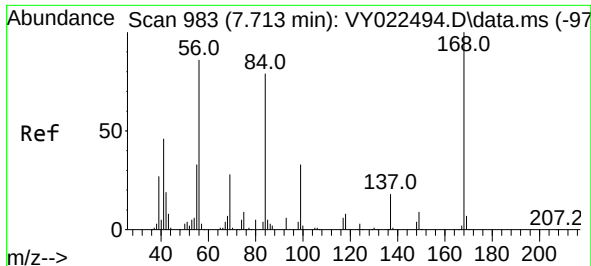
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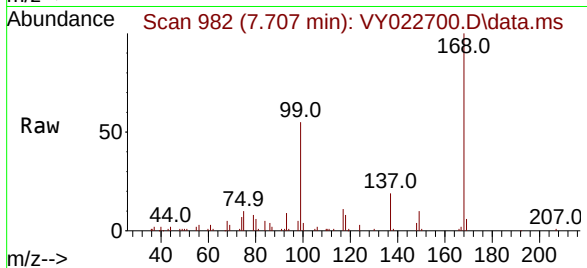
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46

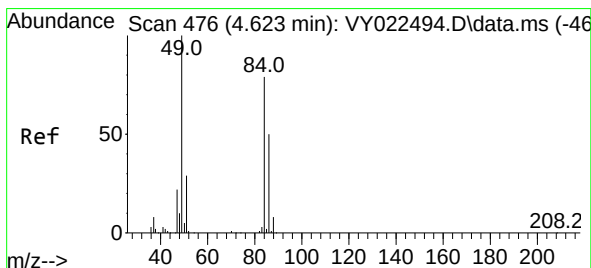
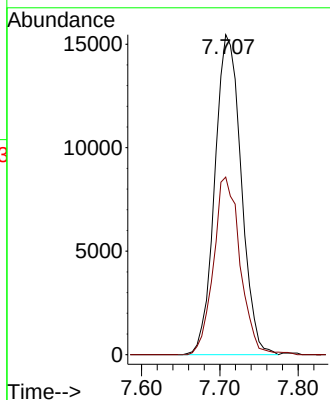
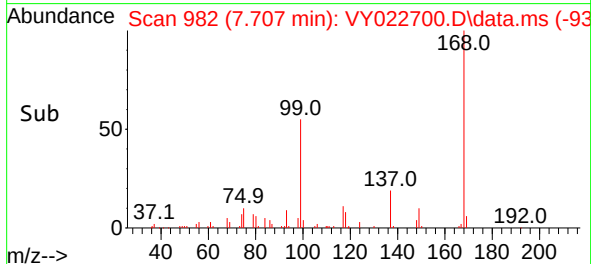
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-061325



Tgt Ion:168 Resp: 3622
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5

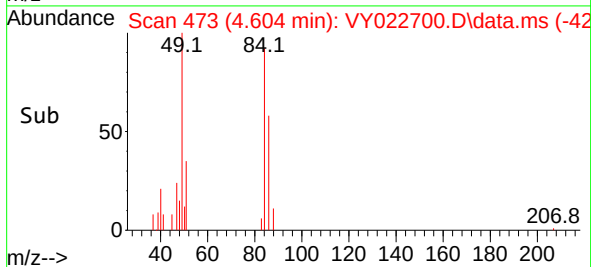
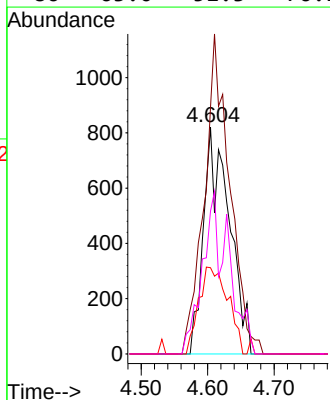
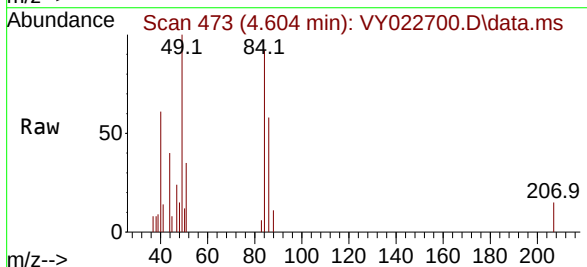
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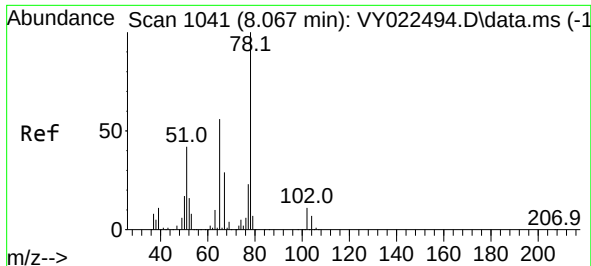
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#20
Methylene Chloride
Concen: 4.725 ug/l m
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46

Tgt Ion: 84 Resp: 2208
Ion Ratio Lower Upper
84 100
49 108.9 101.9 152.9
51 38.0 29.8 44.8
86 63.0 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 52.159 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022700.D

Acq: 16 Jun 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-061325

Tgt Ion: 65 Resp: 2113

Ion Ratio Lower Upper

65 100

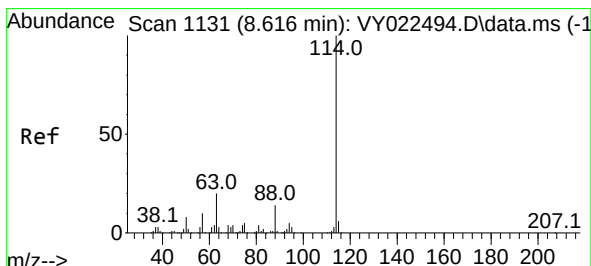
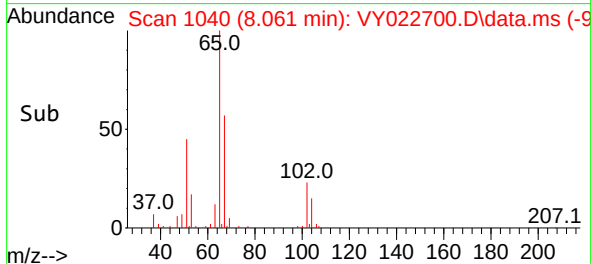
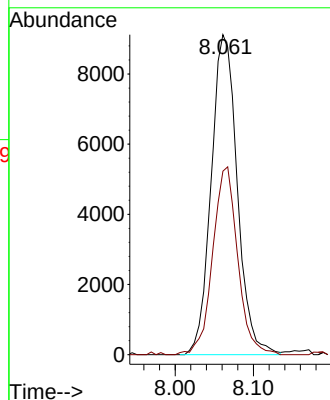
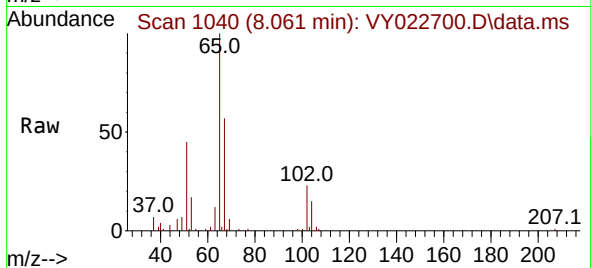
67 56.3 0.0 103.4

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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: VY022700.D

Acq: 16 Jun 2025 11:46

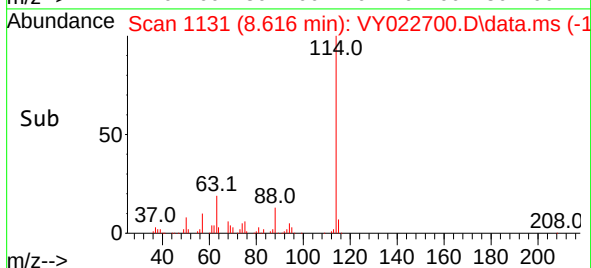
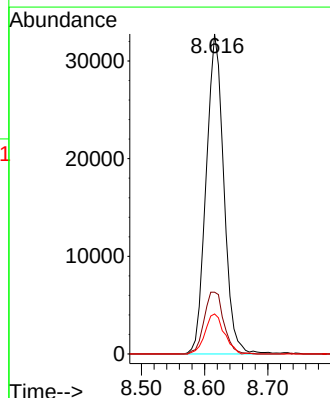
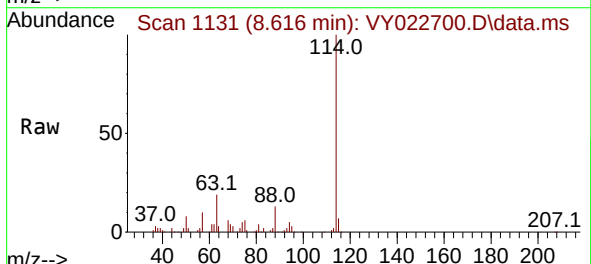
Tgt Ion:114 Resp: 63830

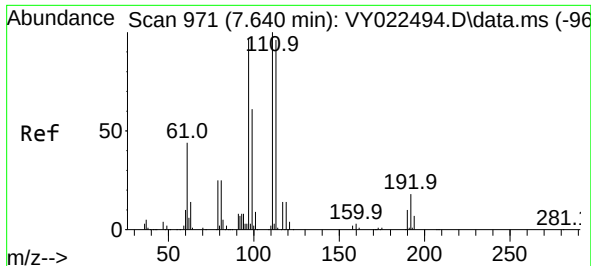
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

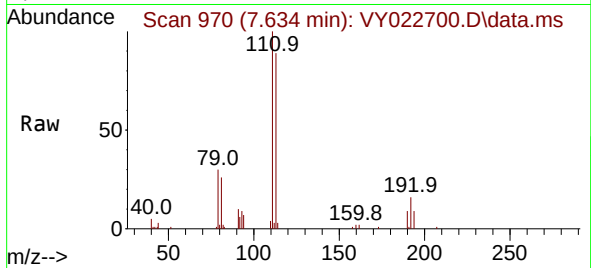
88 12.5 0.0 27.8





#35
Dibromofluoromethane
Concen: 52.364 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46

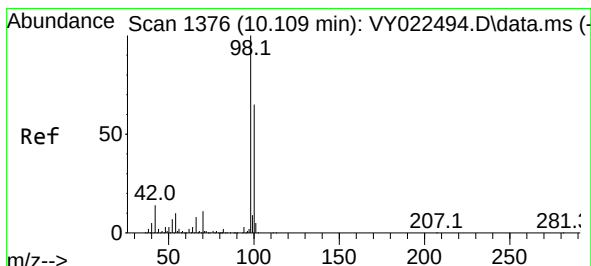
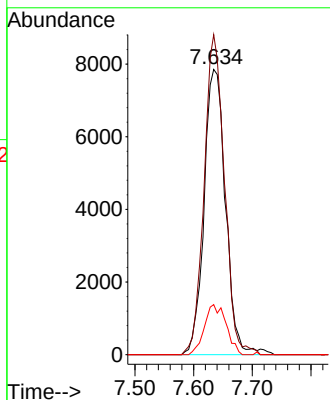
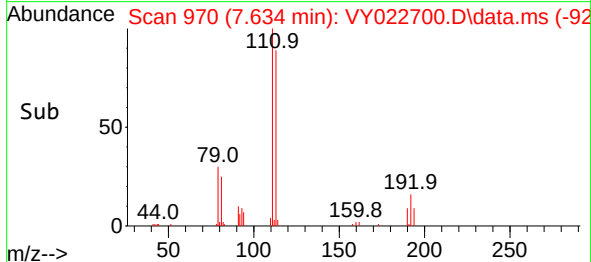
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-061325



Tgt Ion:113 Resp: 19950
Ion Ratio Lower Upper
113 100
111 106.3 81.1 121.7
192 17.8 14.2 21.2

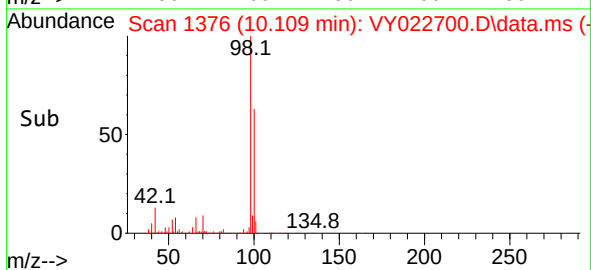
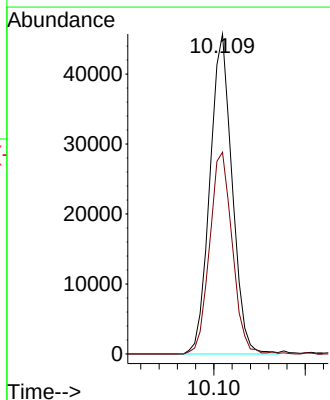
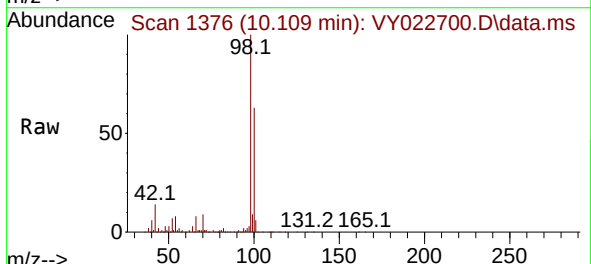
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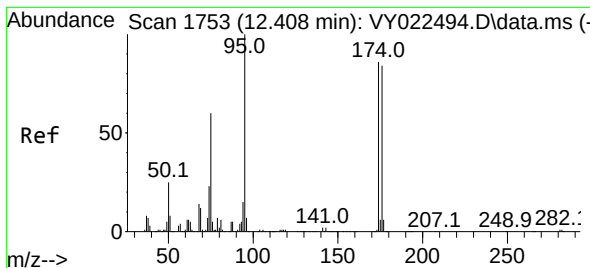
Reviewed By :Semsettin Yesilyurt 06/17/2025
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#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46

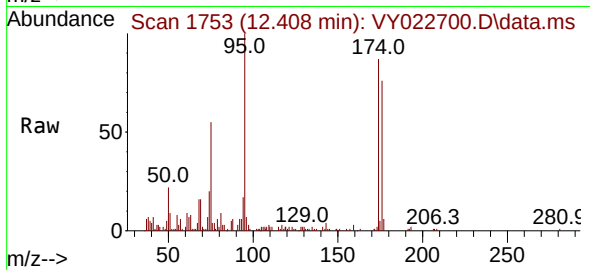
Tgt Ion: 98 Resp: 77133
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 44.775 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46

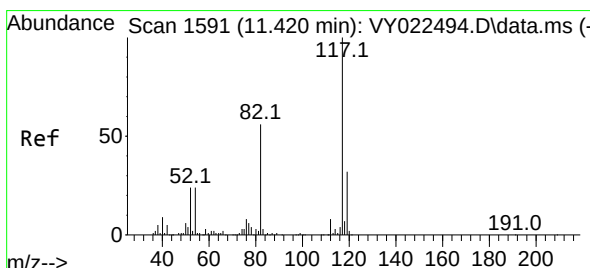
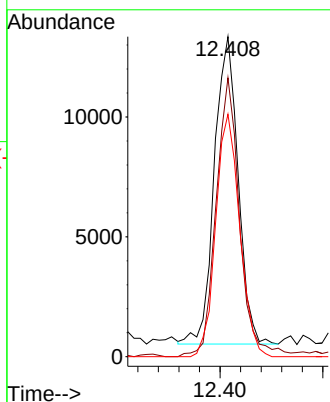
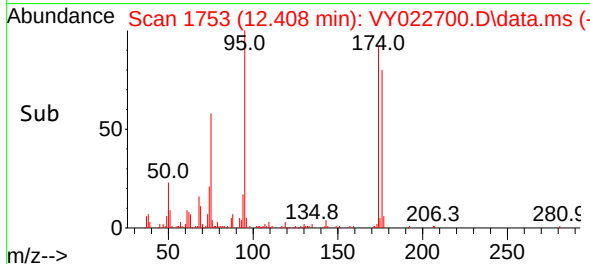
Instrument :
MSVOA_Y
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CL-01-061325



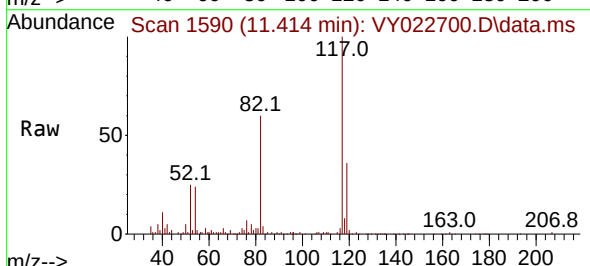
Tgt Ion: 95 Resp: 2053
Ion Ratio Lower Upper
95 100
174 89.8 0.0 170.0
176 79.5 0.0 166.2

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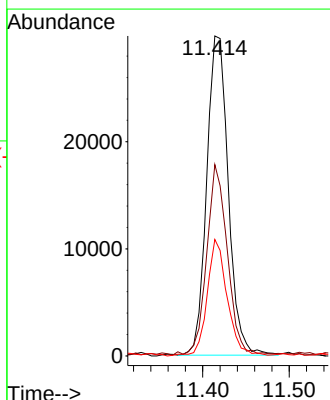
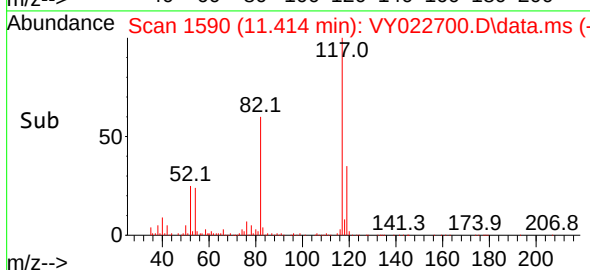
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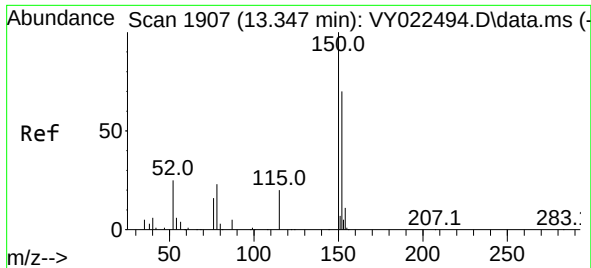


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022700.D
Acq: 16 Jun 2025 11:46



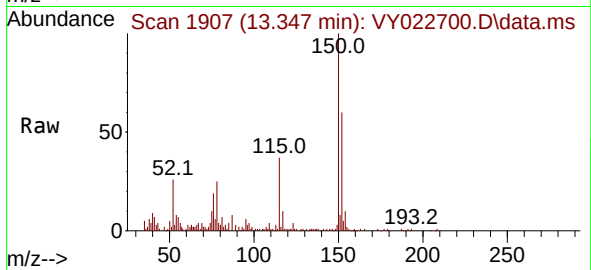
Tgt Ion:117 Resp: 51595
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 36.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022700.D
 Acq: 16 Jun 2025 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-061325



Tgt Ion:	152	Resp:	1937
Ion Ratio	Lower	Upper	
152	100		
115	57.6	28.9	86.7
150	157.4	0.0	349.6

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