

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022705.D
 Acq On : 16 Jun 2025 14:36
 Operator : SY/MD
 Sample : Q2319-03
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-B-VOC

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 05:54:35 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	106038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	196568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	60892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	63369	53.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.640	113	61063	52.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.109	98	237839	50.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.408	95	61594	43.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.220%	
Target Compounds						
20) Methylene Chloride	4.616	84	13047	9.536	ug/l	98

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

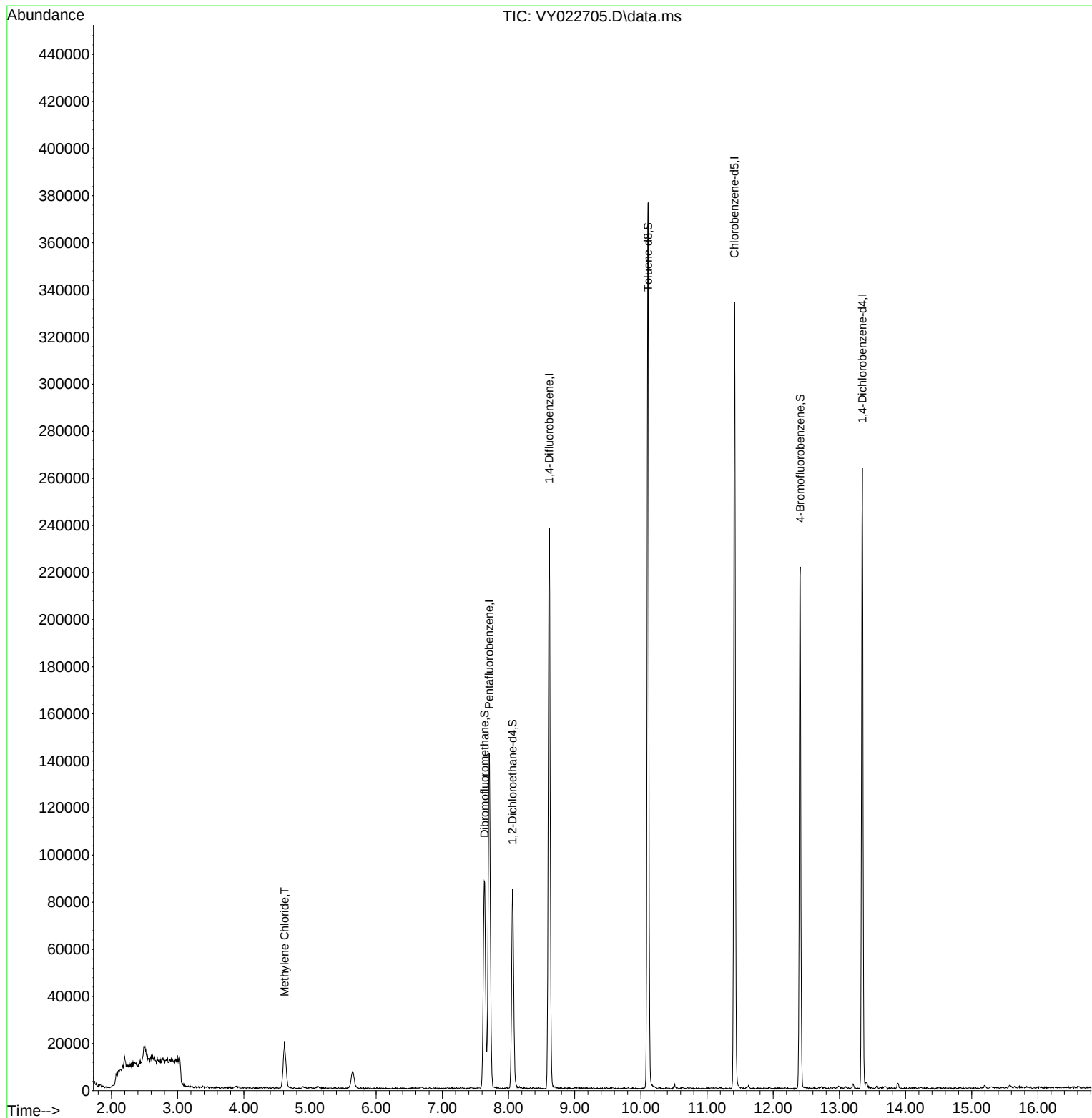
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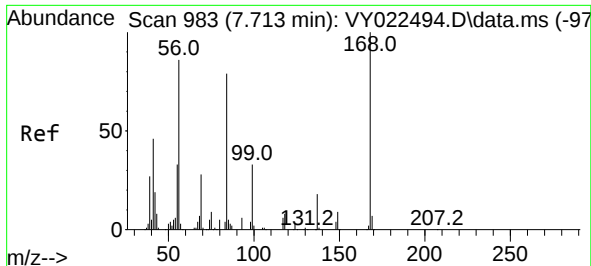
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ClientSampleId :
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Quant Time: Jun 17 05:54:35 2025
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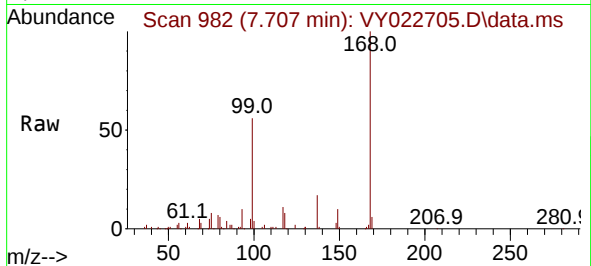
Reviewed By : Semsettin Yesilyurt 06/17/2025
Supervised By : Mahesh Dadoda 06/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36

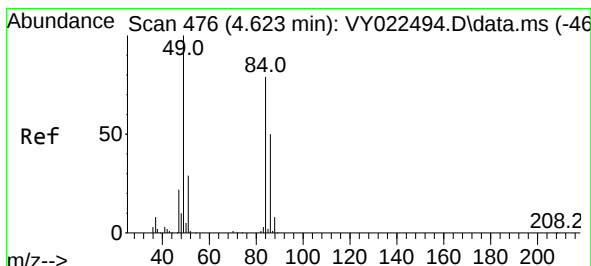
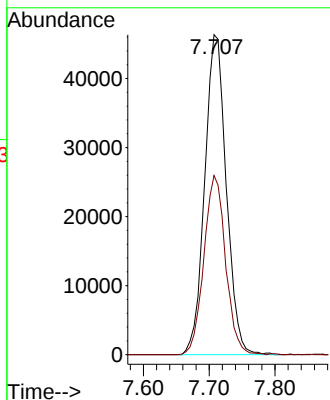
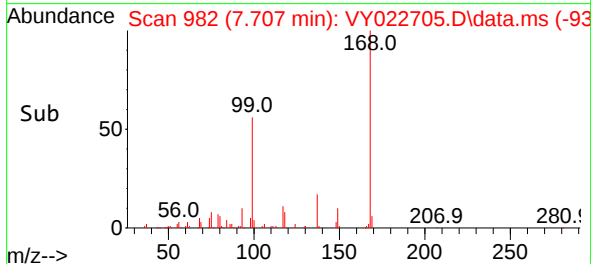
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC



Tgt Ion:168 Resp: 106038
Ion Ratio Lower Upper
168 100
99 56.0 44.3 66.5

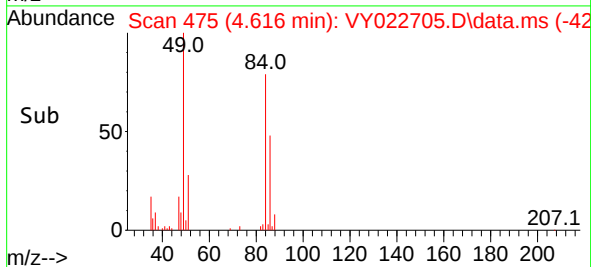
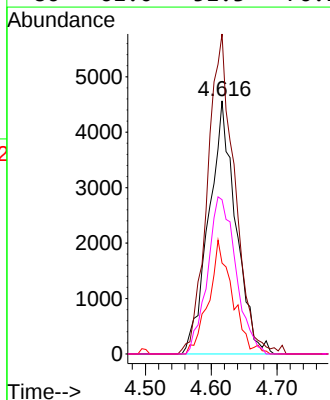
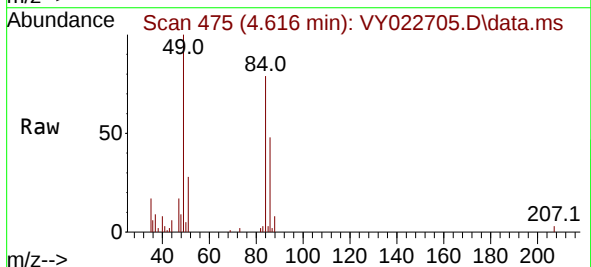
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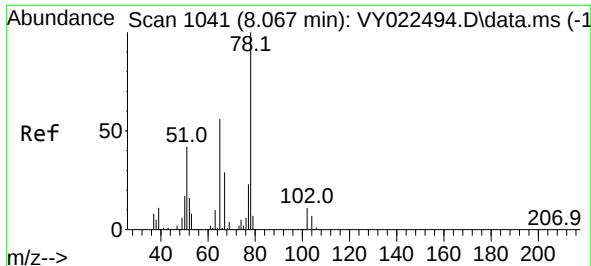
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#20
Methylene Chloride
Concen: 9.536 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36

Tgt Ion: 84 Resp: 13047
Ion Ratio Lower Upper
84 100
49 126.4 101.9 152.9
51 35.9 29.8 44.8
86 61.0 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 53.432 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022705.D

Acq: 16 Jun 2025 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-B-VOC

Tgt Ion: 65 Resp: 63369

Ion Ratio Lower Upper

65 100

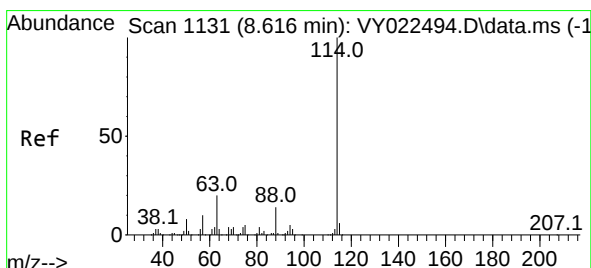
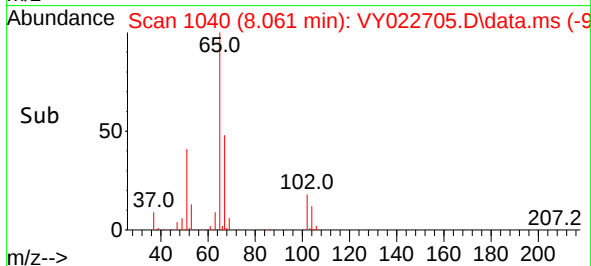
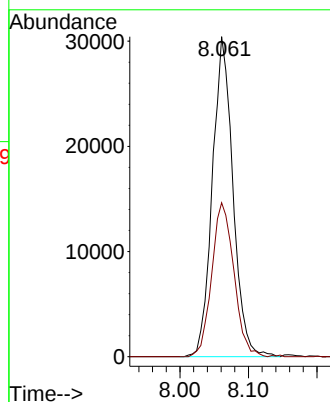
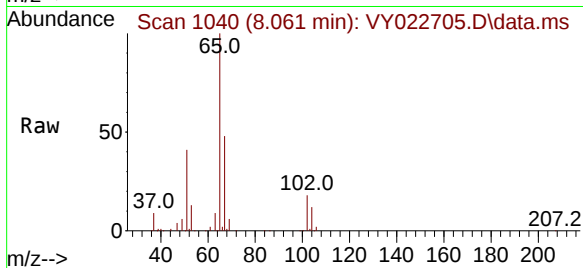
67 51.7 0.0 103.4

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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: VY022705.D

Acq: 16 Jun 2025 14:36

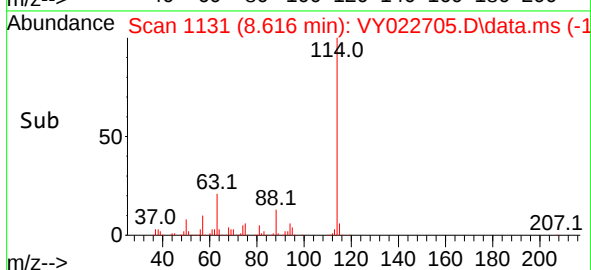
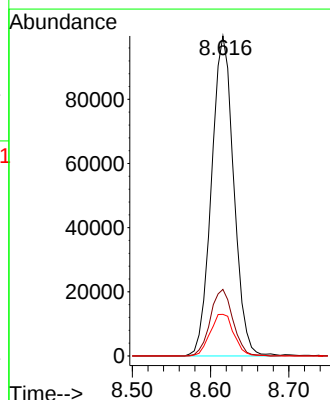
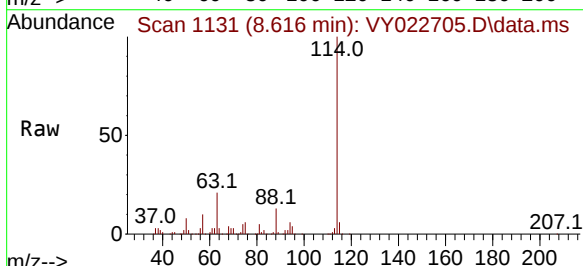
Tgt Ion:114 Resp: 196568

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

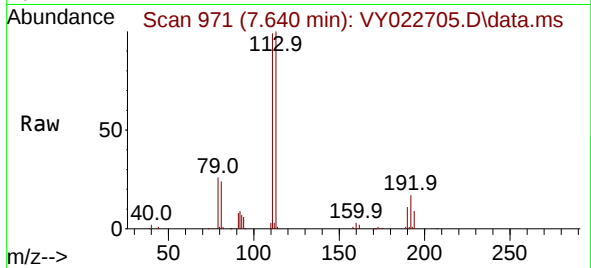
88 13.0 0.0 27.8





#35
Dibromofluoromethane
Concen: 52.045 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36

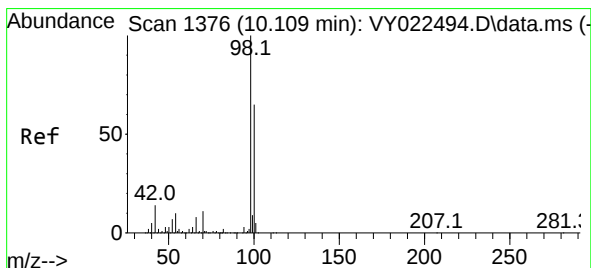
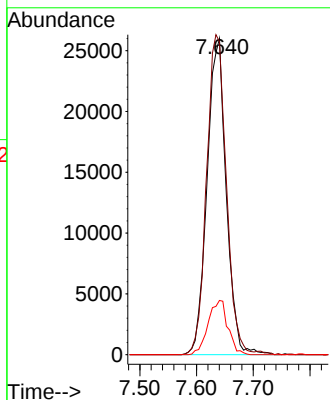
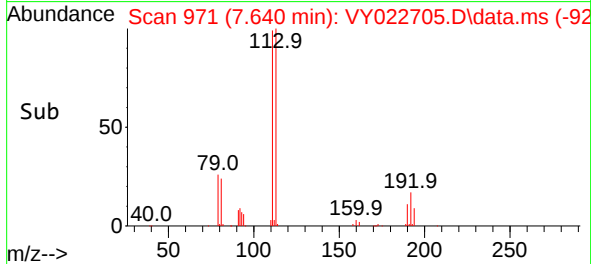
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC



Tgt Ion:113 Resp: 6106
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 17.7 14.2 21.2

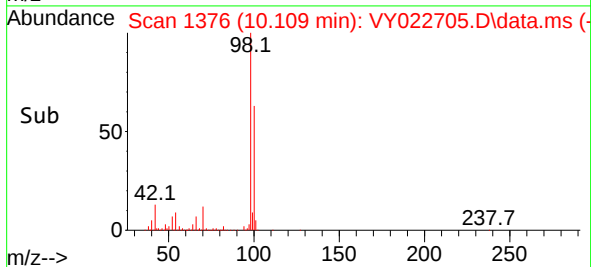
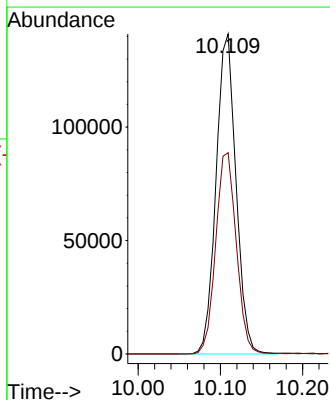
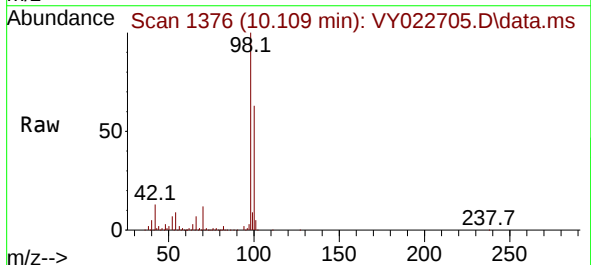
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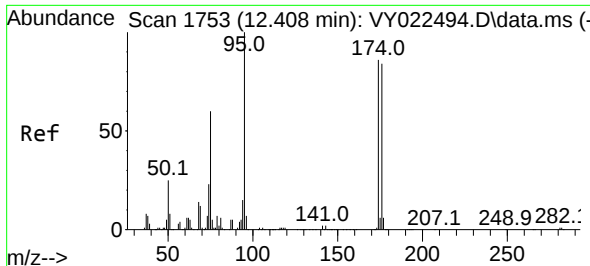
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#50
Toluene-d8
Concen: 50.169 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36

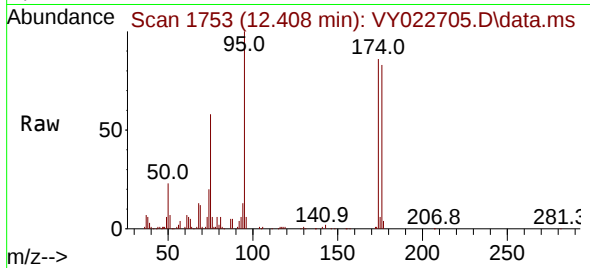
Tgt Ion: 98 Resp: 237839
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 43.606 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36

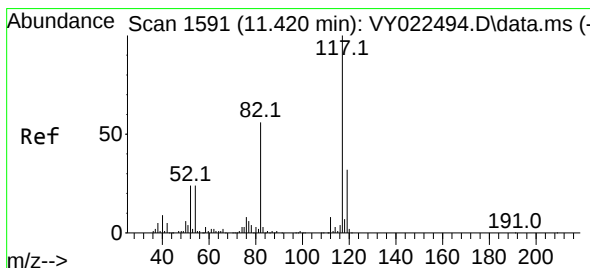
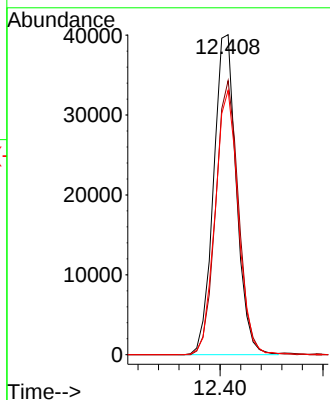
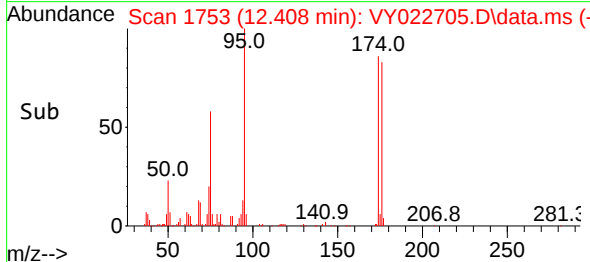
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC



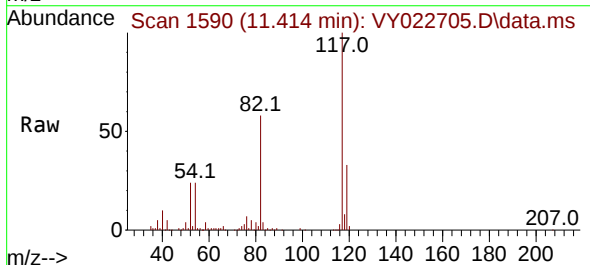
Tgt Ion: 95 Resp: 61594
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.0
176 84.1 0.0 166.2

Manual Integrations
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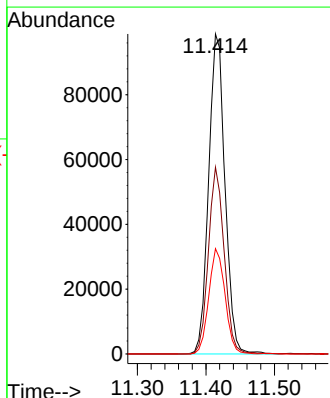
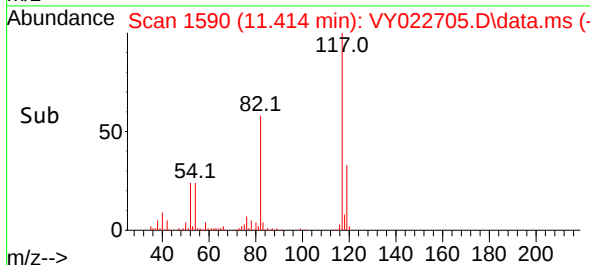
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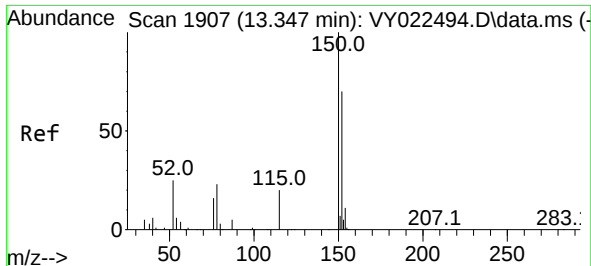


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022705.D
Acq: 16 Jun 2025 14:36



Tgt Ion:117 Resp: 163686
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 32.9 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: VY022705.D

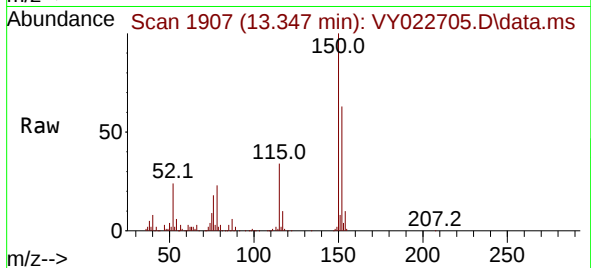
Acq: 16 Jun 2025 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-B-VOC



Tgt Ion:	152	Resp:	60892
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.9	86.7
150	157.9	0.0	349.6

Manual Integrations

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