

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022074.D
 Acq On : 30 Apr 2025 11:37
 Operator : SY/MD
 Sample : Q1911-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-04292025

Quant Time: May 01 03:55:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

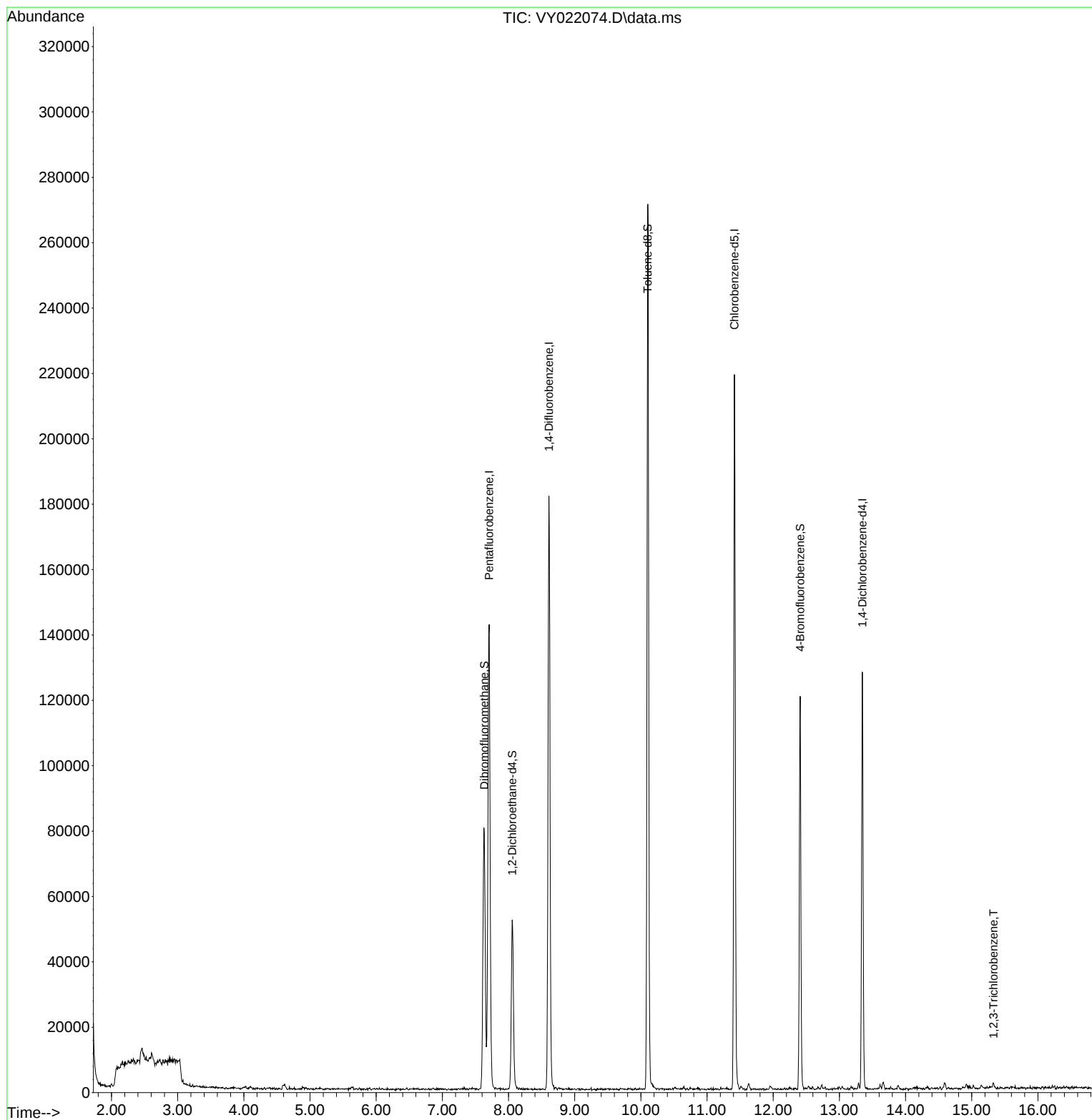
Internal Standards						
1) Pentafluorobenzene	7.707	168	113023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	164456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	121823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	42291	40.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.020%
35) Dibromofluoromethane	7.634	113	58006	53.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.780%
50) Toluene-d8	10.103	98	187058	45.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.407	95	37777	27.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.800%
Target Compounds						
96) 1,2,3-Trichlorobenzene	15.328	180	617	1.256	ug/l	Qvalue # 90

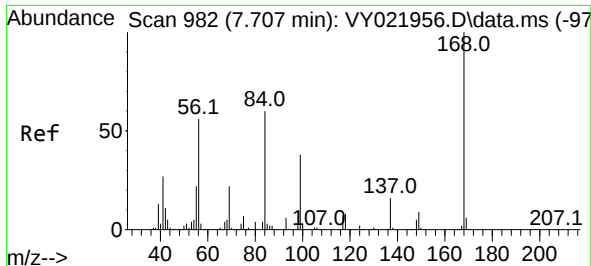
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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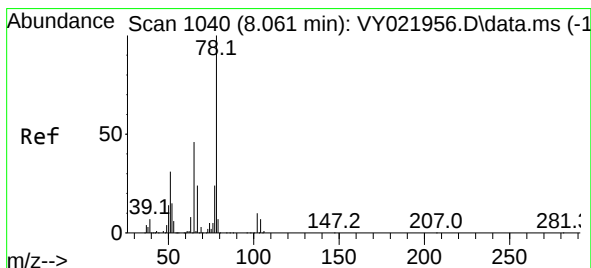
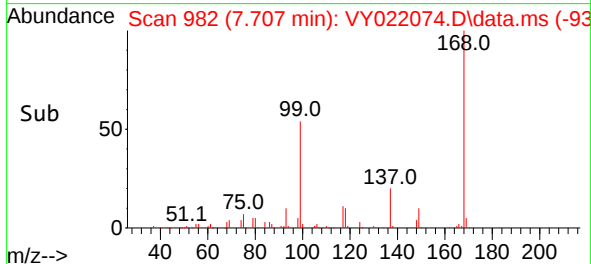
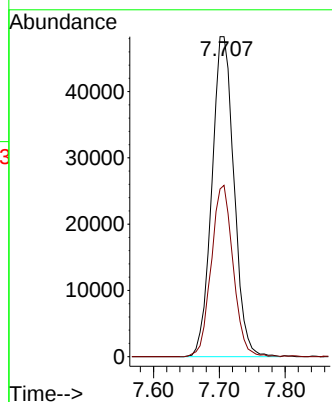
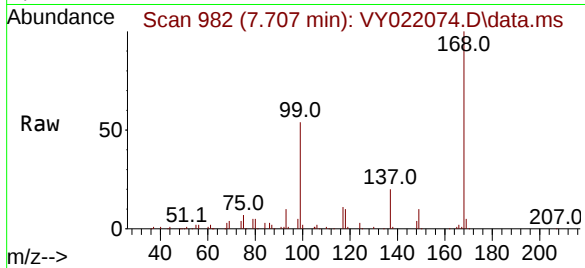




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

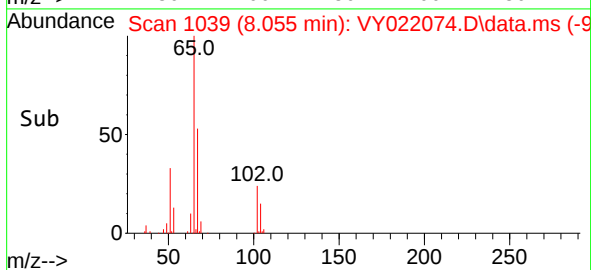
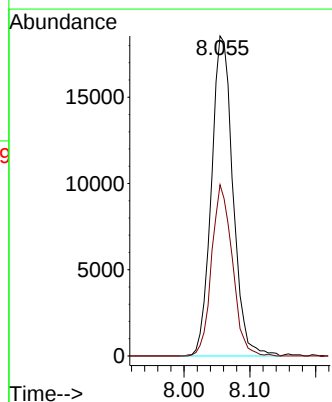
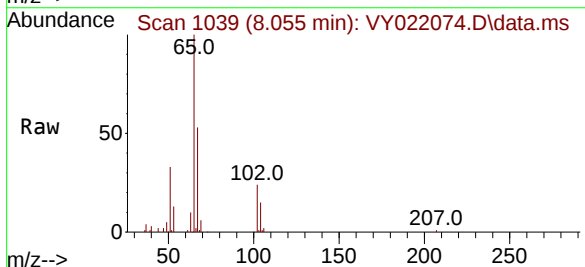
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-04292025

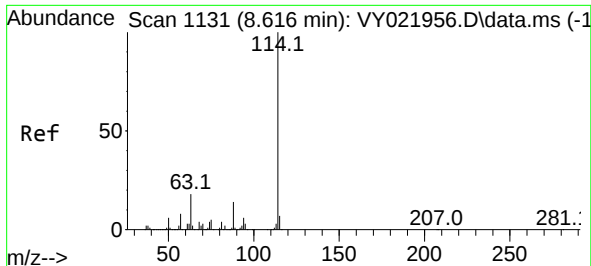
Tgt Ion:168 Resp: 113023
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 40.510 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

Tgt Ion: 65 Resp: 42291
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

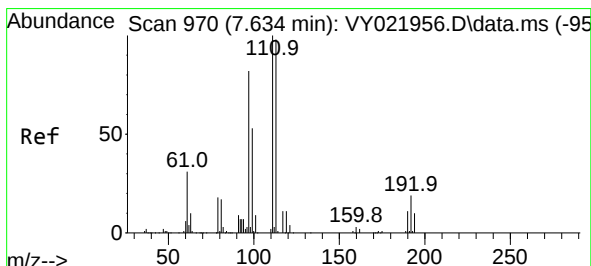
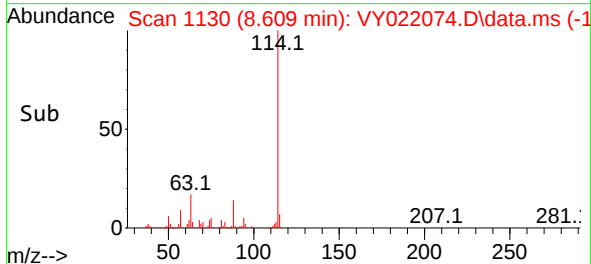
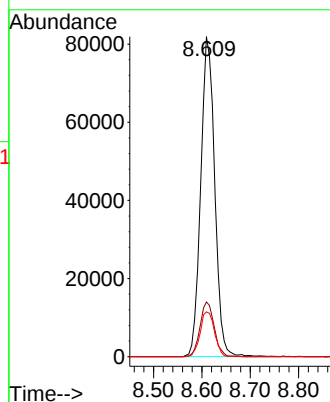
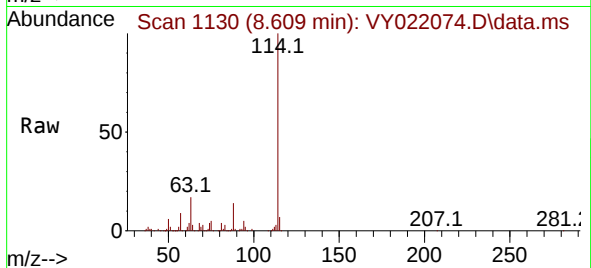




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

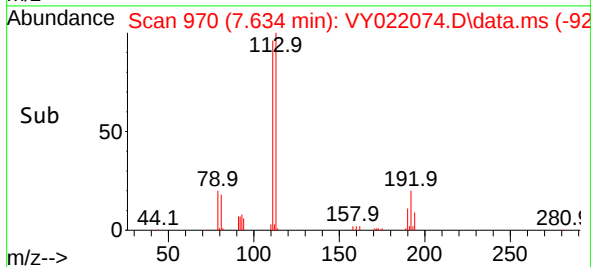
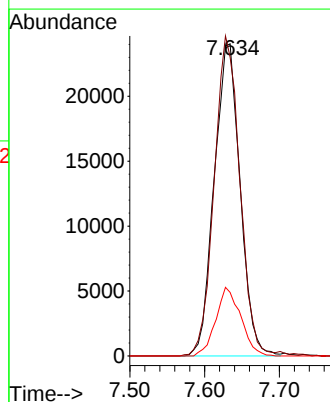
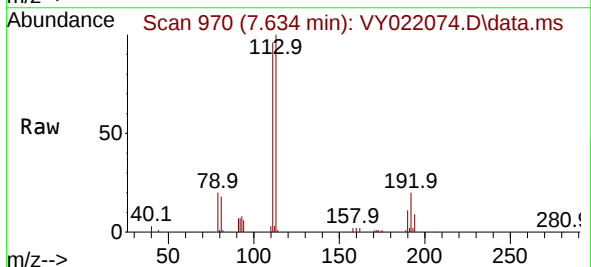
Instrument :
MSVOA_Y
ClientSampleId :
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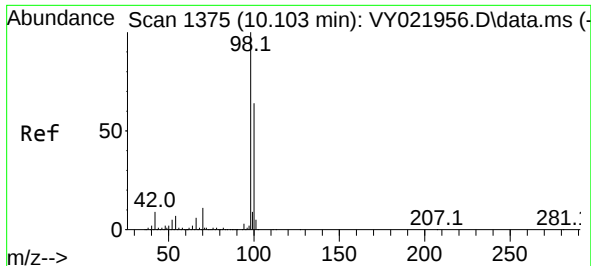
Tgt Ion:114 Resp: 164456
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 14.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 53.389 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

Tgt Ion:113 Resp: 58006
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 21.2 15.6 23.4

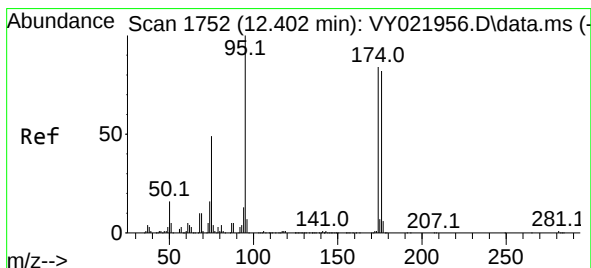
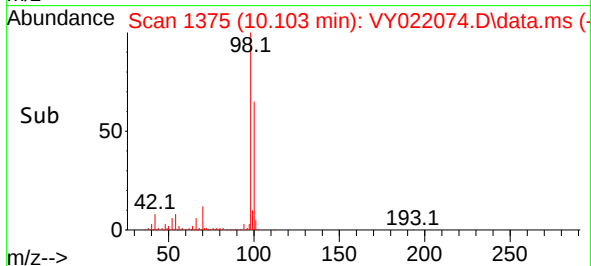
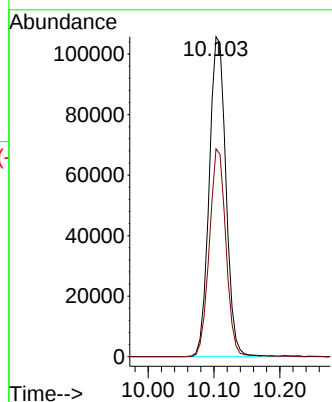
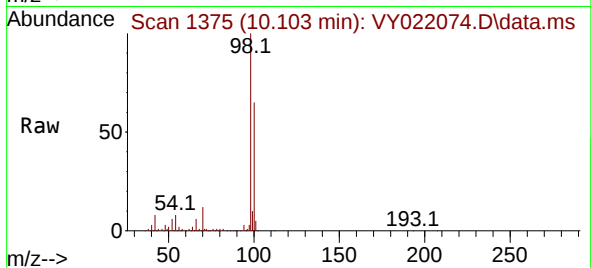




#50
Toluene-d8
Concen: 45.668 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

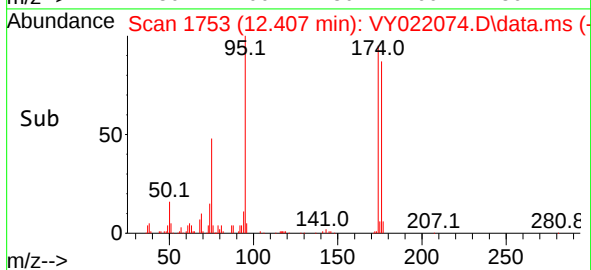
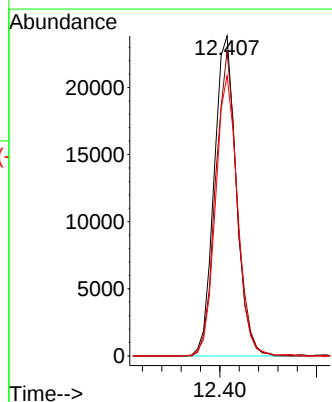
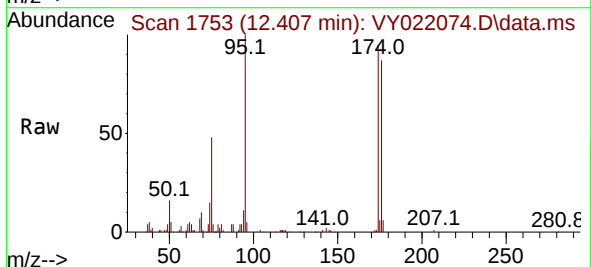
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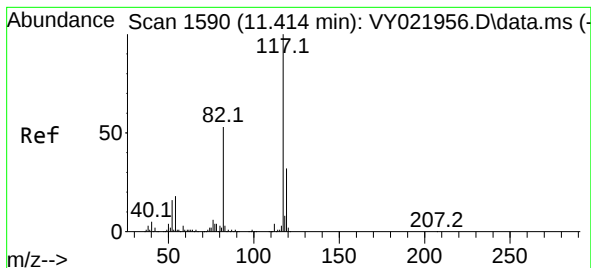
Tgt Ion: 98 Resp: 187058
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 27.397 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022074.D
Acq: 30 Apr 2025 11:37

Tgt Ion: 95 Resp: 37777
Ion Ratio Lower Upper
95 100
174 92.0 0.0 179.0
176 86.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022074.D

Acq: 30 Apr 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-04292025

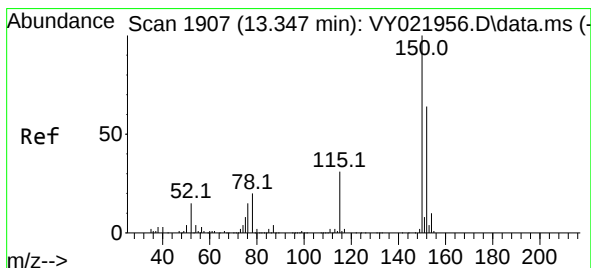
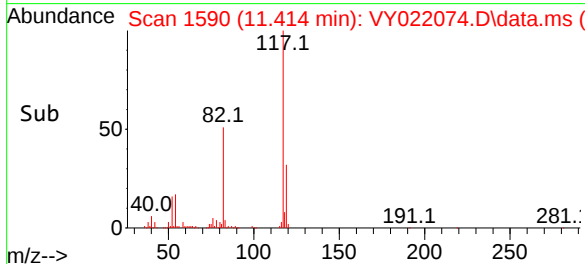
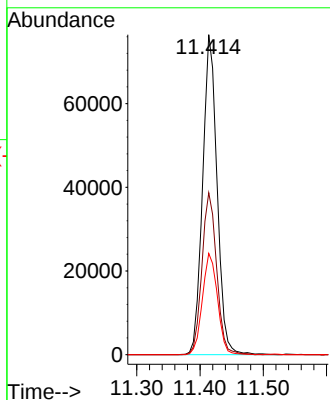
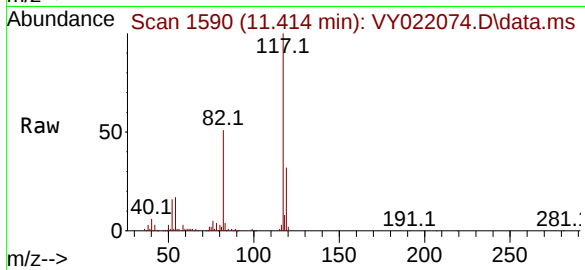
Tgt Ion:117 Resp: 121823

Ion Ratio Lower Upper

117 100

82 50.6 42.1 63.1

119 31.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022074.D

Acq: 30 Apr 2025 11:37

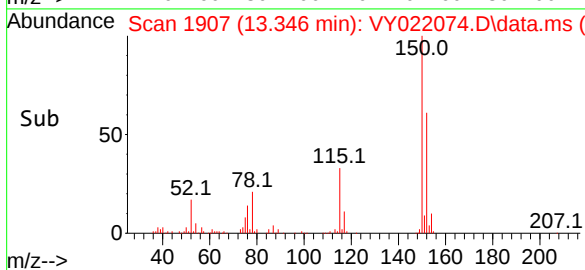
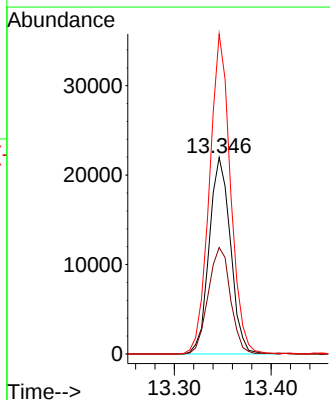
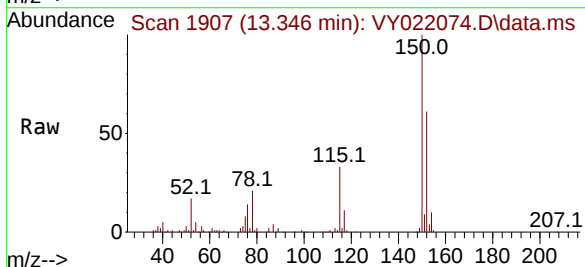
Tgt Ion:152 Resp: 33594

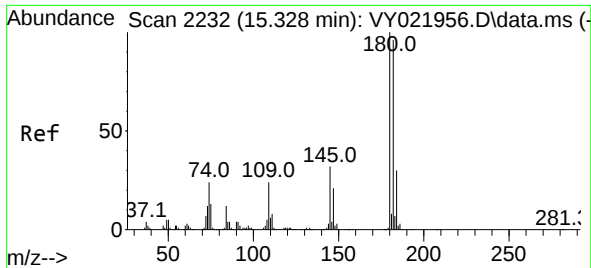
Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

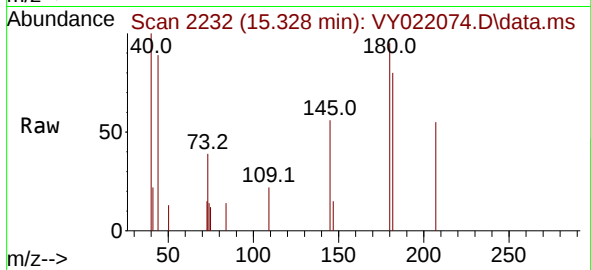
150 161.1 0.0 345.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.256 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY022074.D
 Acq: 30 Apr 2025 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-04292025



Tgt Ion:	180	Resp:	617
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.4
145	50.6	16.0	48.0#

