

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022807.D
 Acq On : 24 Jun 2025 19:00
 Operator : SY/MD
 Sample : Q2398-06
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0036

Quant Time: Jun 25 01:30:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

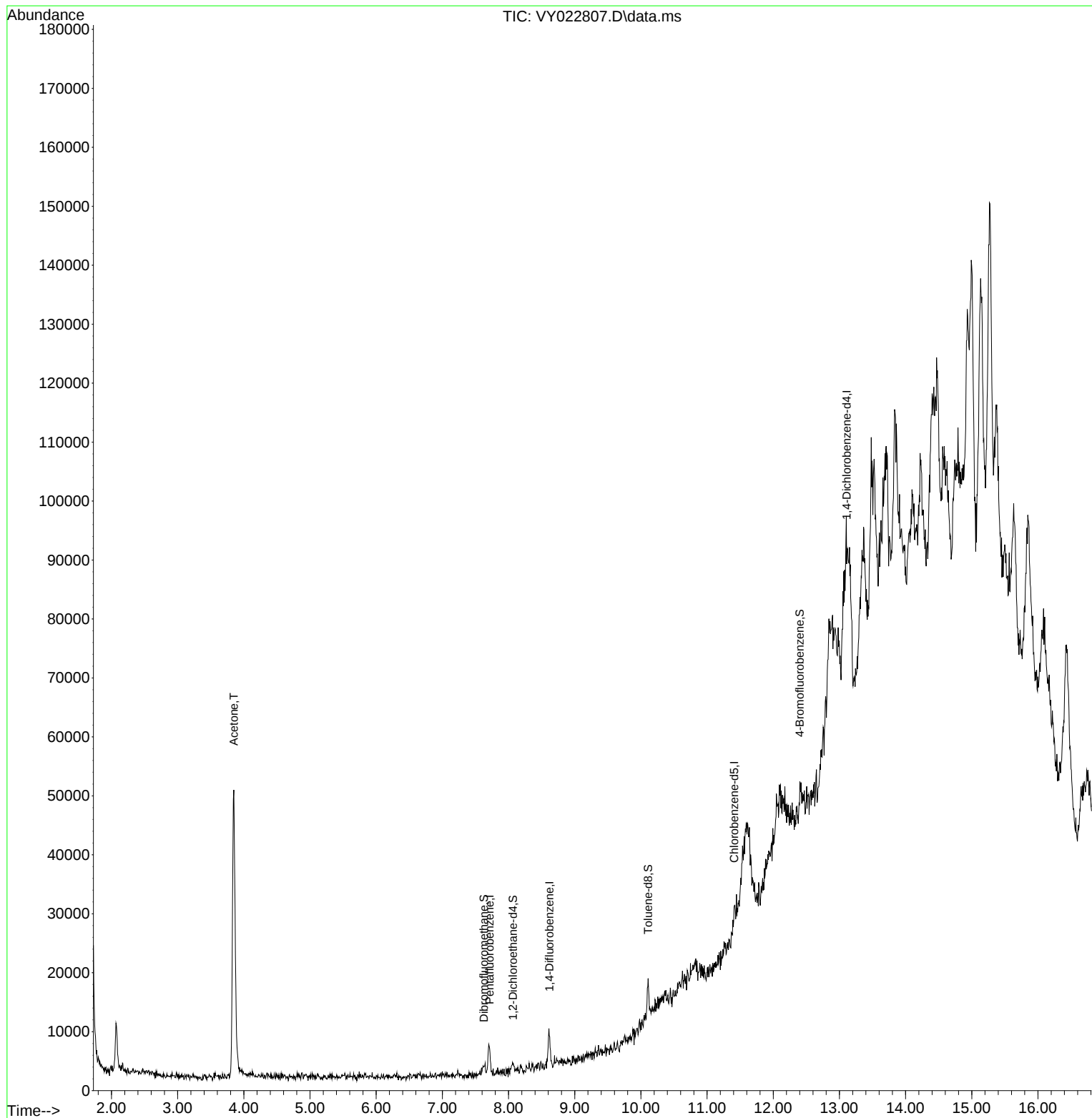
Internal Standards						
1) Pentafluorobenzene	7.713	168	3764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	5166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	2371	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.109	152	342	50.000	ug/l	-0.24
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1411	33.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.180%
35) Dibromofluoromethane	7.628	113	1312	41.761	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.520%
50) Toluene-d8	10.109	98	4520	36.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.520%
62) 4-Bromofluorobenzene	12.402	95	806	20.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.220%
Target Compounds						
16) Acetone	3.848	43	88685	11169.082	ug/l	Qvalue 93

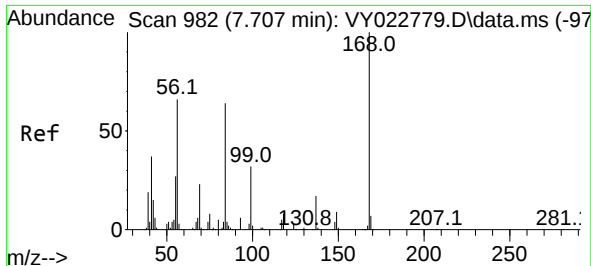
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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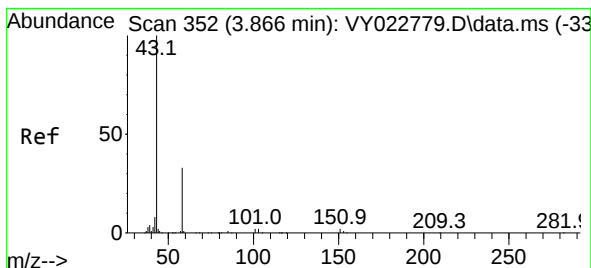
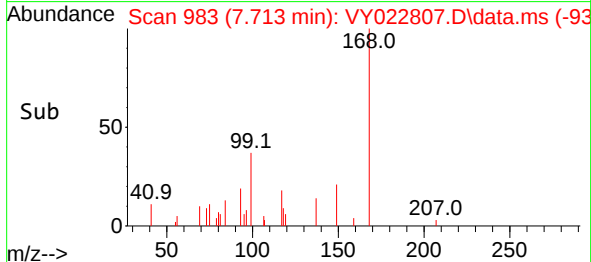
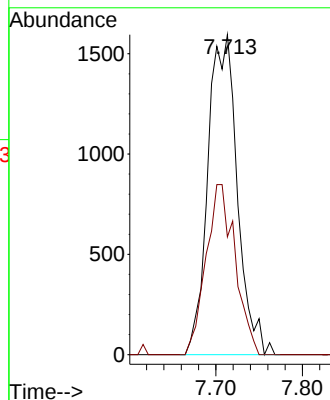
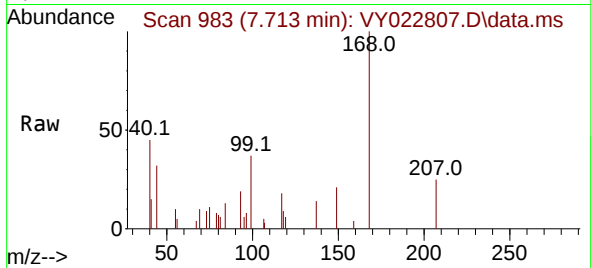




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

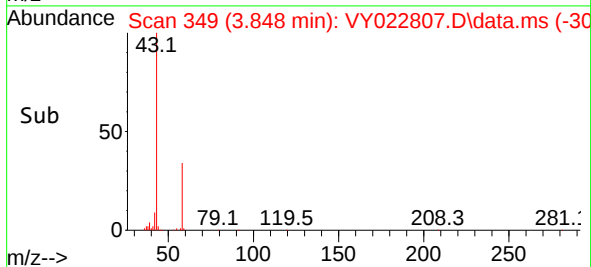
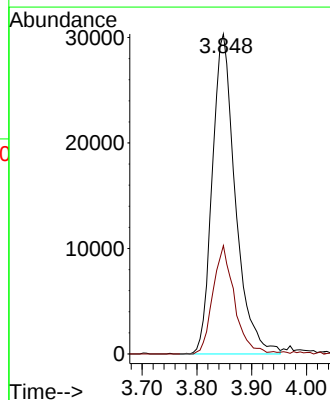
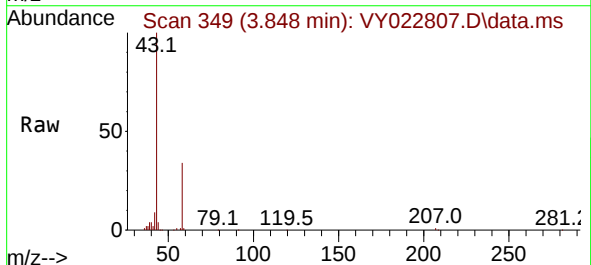
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

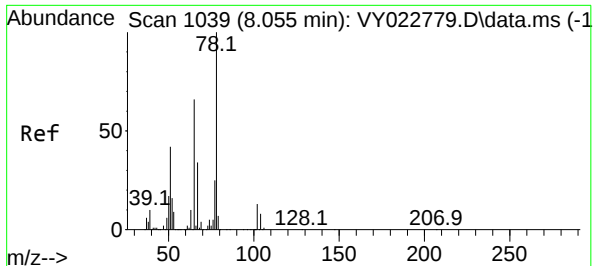
Tgt Ion:168 Resp: 3764
Ion Ratio Lower Upper
168 100
99 36.8 44.3 66.5#



#16
Acetone
Concen: 11169.082 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 88685
Ion Ratio Lower Upper
43 100
58 33.9 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 33.587 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022807.D

Acq: 24 Jun 2025 19:00

Instrument :

MSVOA_Y

ClientSampleId :

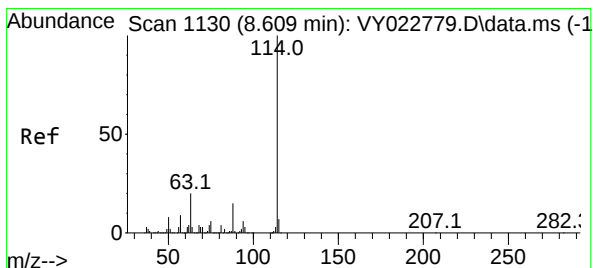
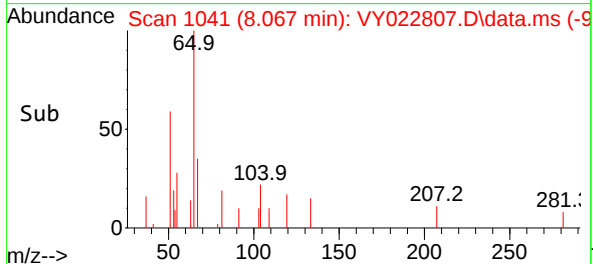
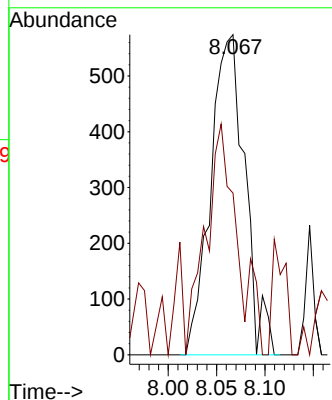
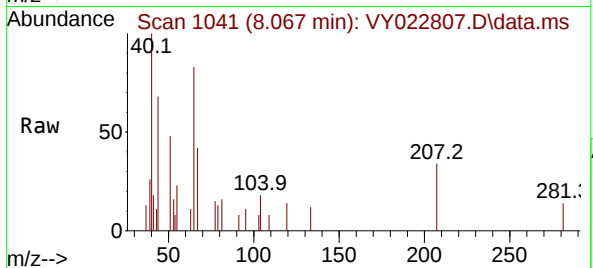
ARS20-0036

Tgt Ion: 65 Resp: 1411

Ion Ratio Lower Upper

65 100

67 59.1 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: VY022807.D

Acq: 24 Jun 2025 19:00

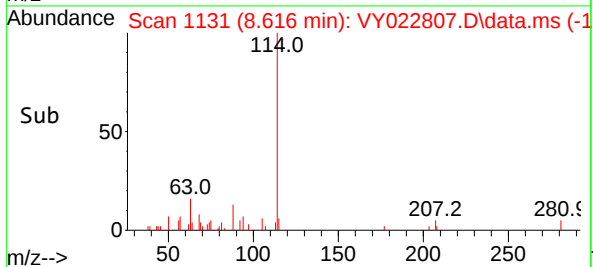
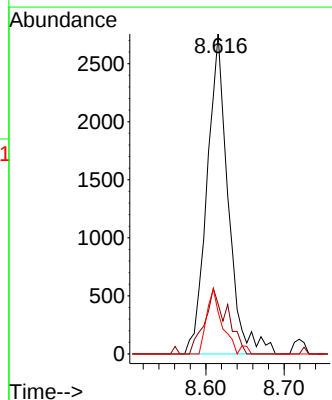
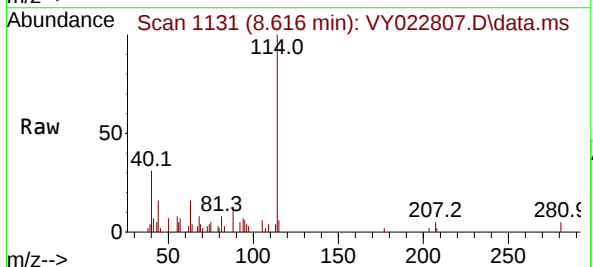
Tgt Ion:114 Resp: 5166

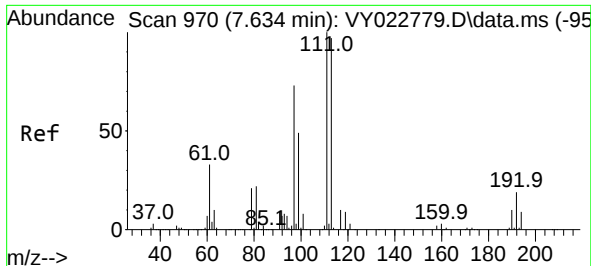
Ion Ratio Lower Upper

114 100

63 15.6 0.0 40.8

88 13.1 0.0 27.8

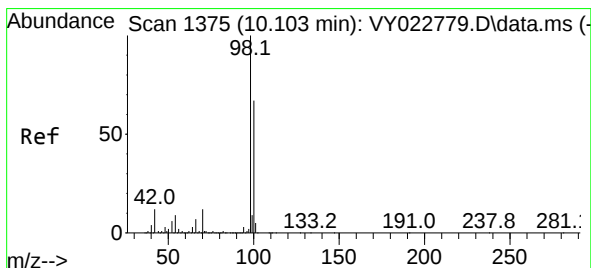
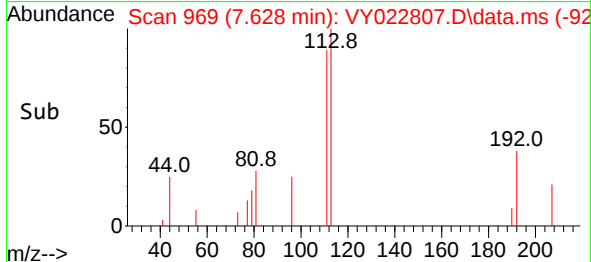
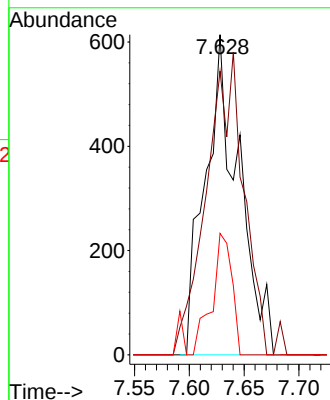
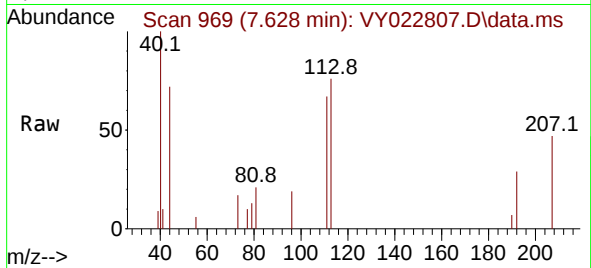




#35
Dibromofluoromethane
Concen: 41.761 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

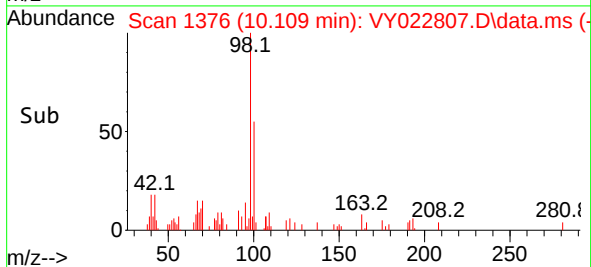
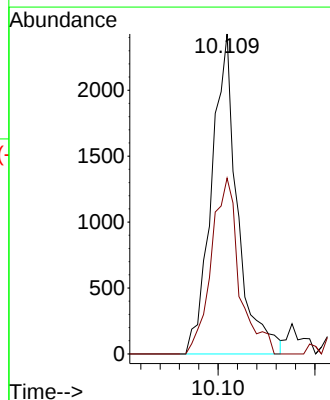
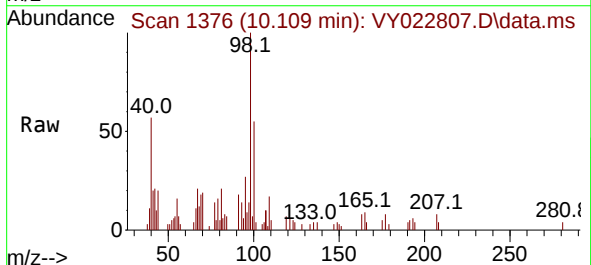
Instrument :
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ClientSampleId :
ARS20-0036

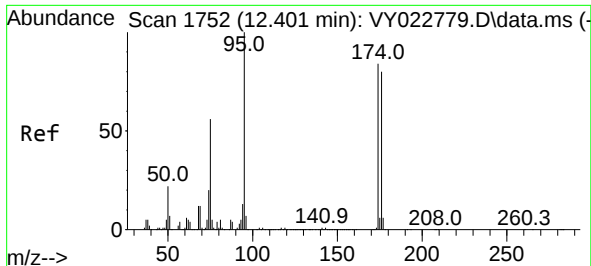
Tgt Ion:113 Resp: 1312
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 22.6 14.2 21.2#



#50
Toluene-d8
Concen: 36.256 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 98 Resp: 4520
Ion Ratio Lower Upper
98 100
100 59.1 51.4 77.0

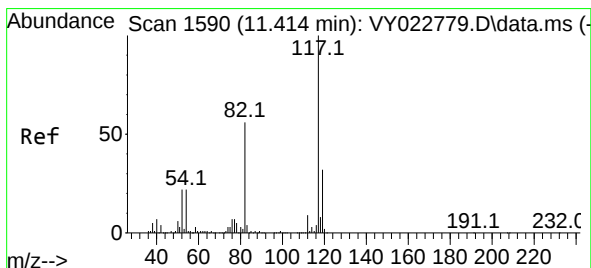
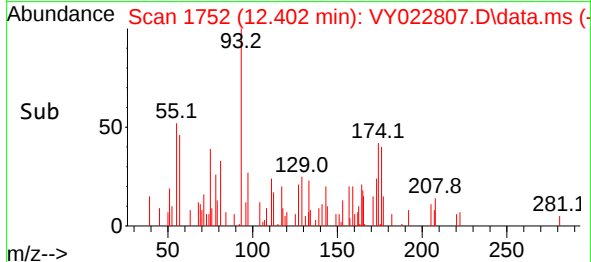
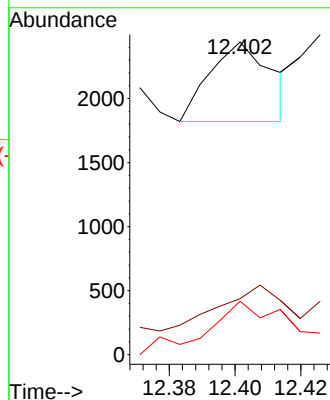
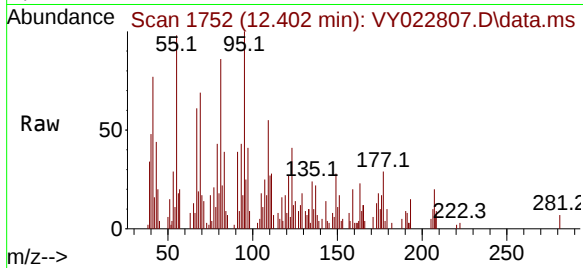




#62
4-Bromofluorobenzene
Concen: 20.111 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

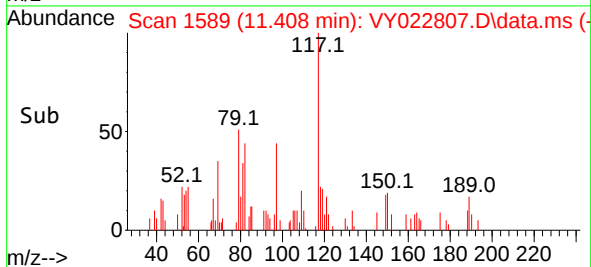
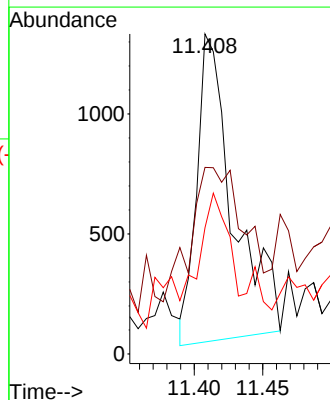
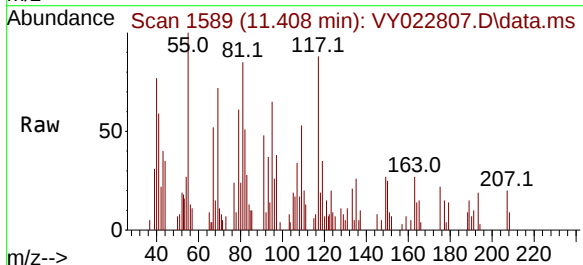
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

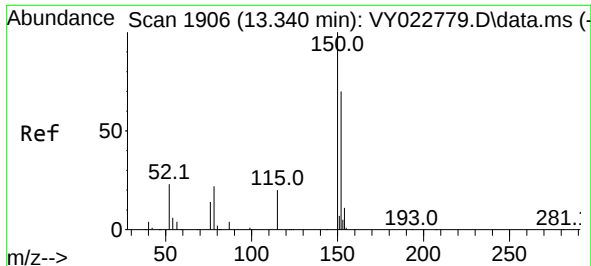
Tgt Ion: 95 Resp: 806
Ion Ratio Lower Upper
95 100
174 134.0 0.0 170.0
176 98.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.408 min Scan# 1589
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 117 Resp: 2371
Ion Ratio Lower Upper
117 100
82 27.0 44.6 66.8#
119 24.6 25.4 38.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.109 min Scan# 11
 Delta R.T. -0.238 min
 Lab File: VY022807.D
 Acq: 24 Jun 2025 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0036

Tgt Ion:152 Resp: 342
 Ion Ratio Lower Upper
 152 100
 115 67.5 28.9 86.7
 150 40.4 0.0 349.6

