

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023895.D
 Acq On : 04 Dec 2025 15:29
 Operator : SY/MD
 Sample : Q3742-10
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-2

Quant Time: Dec 05 01:48:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

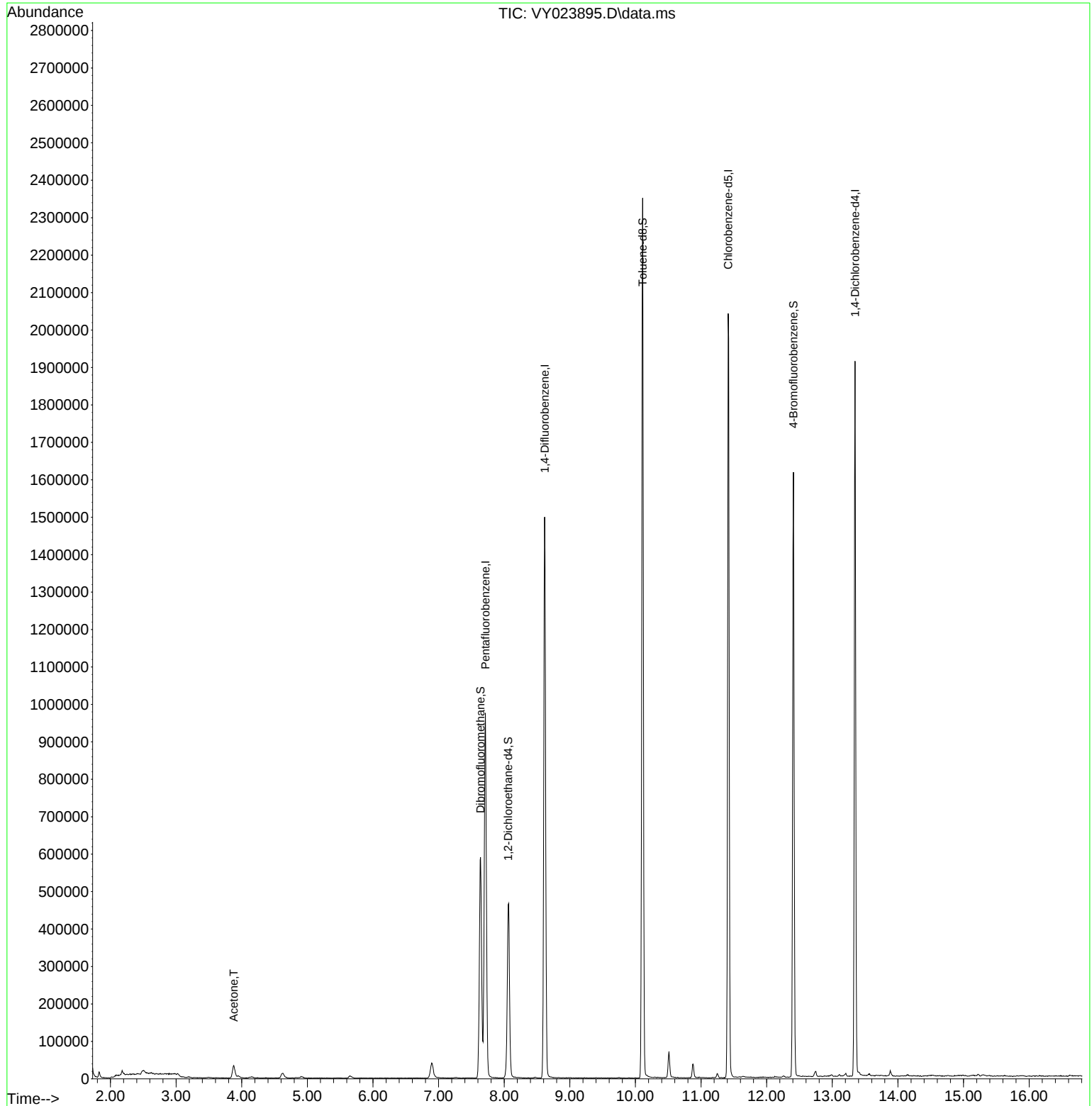
Internal Standards						
1) Pentafluorobenzene	7.713	168	804667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1357896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1169651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	504866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	370919	46.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.160%
35) Dibromofluoromethane	7.640	113	424473	48.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.109	98	1537439	45.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.408	95	475017	41.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.180%
Target Compounds						
16) Acetone	3.879	43	59243	24.561	ug/l	Qvalue 95

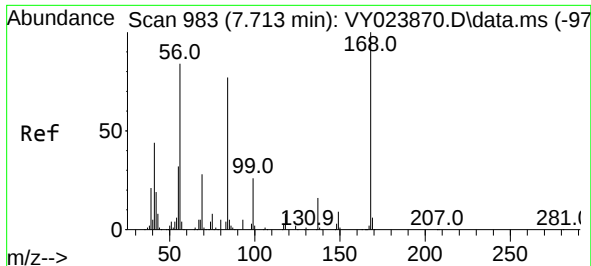
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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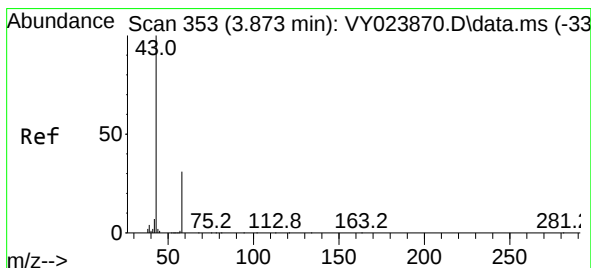
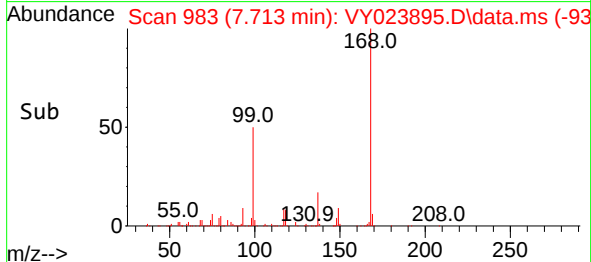
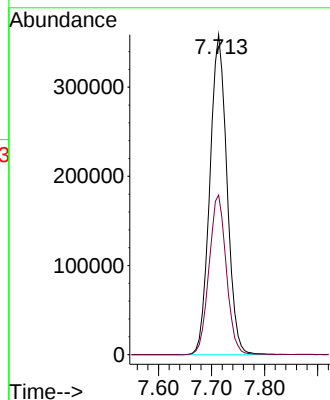
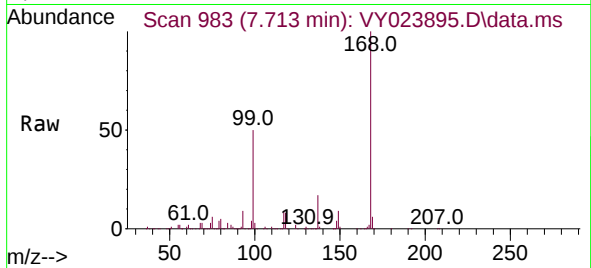




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

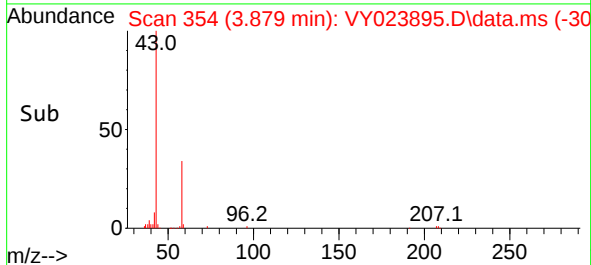
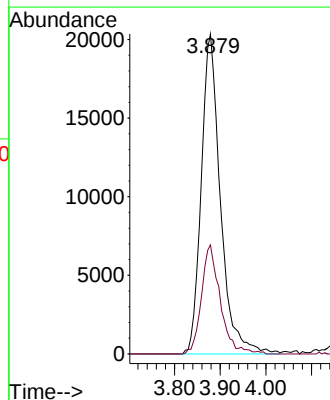
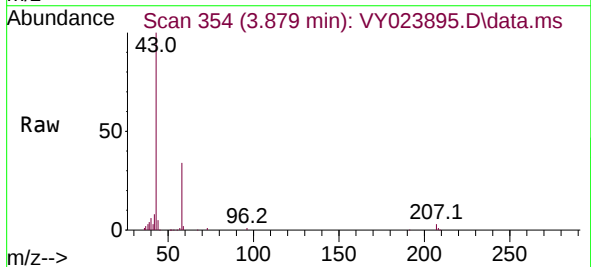
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

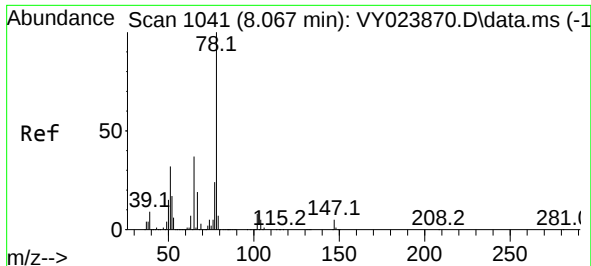
Tgt Ion:168 Resp: 804667
Ion Ratio Lower Upper
168 100
99 49.9 42.5 63.7



#16
Acetone
Concen: 24.561 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

Tgt Ion: 43 Resp: 59243
Ion Ratio Lower Upper
43 100
58 34.1 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 46.079 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

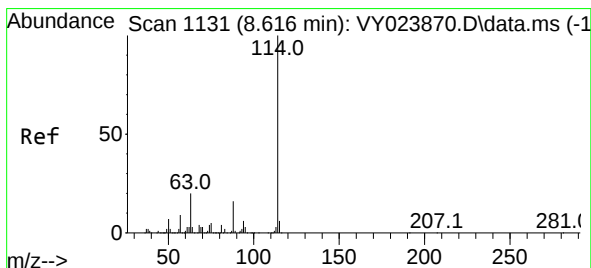
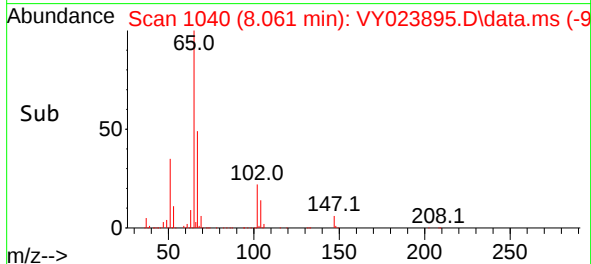
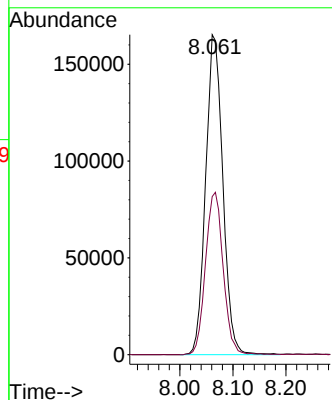
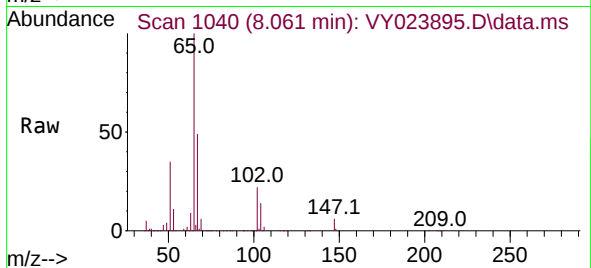
SB-1125-2

Tgt Ion: 65 Resp: 370919

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

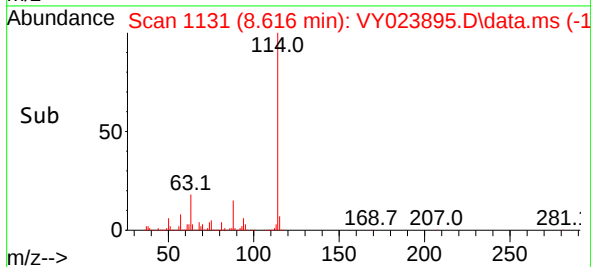
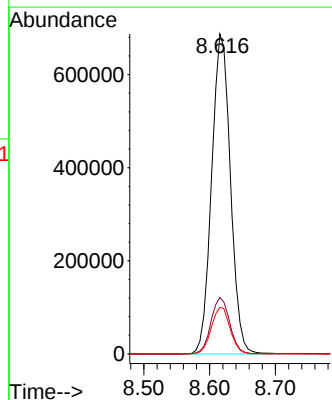
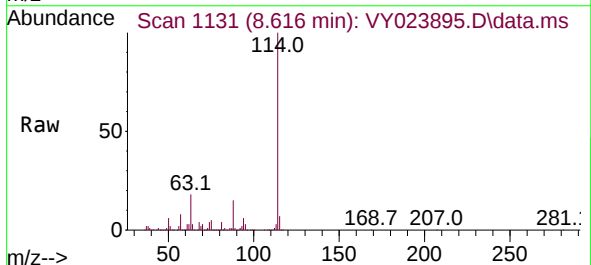
Tgt Ion: 114 Resp: 1357896

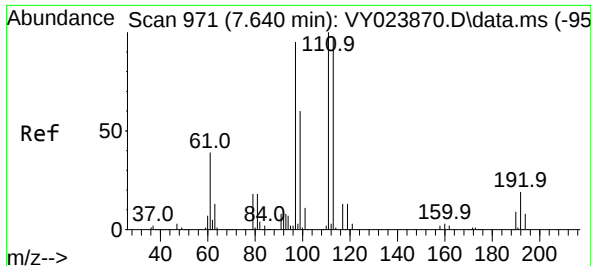
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.2

88 14.5 0.0 31.4

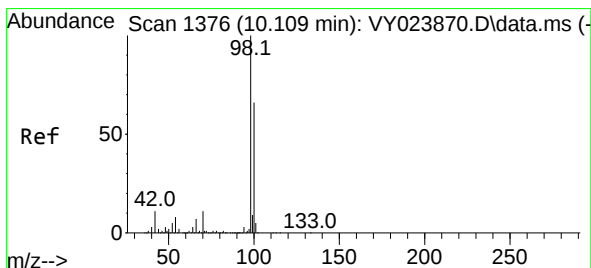
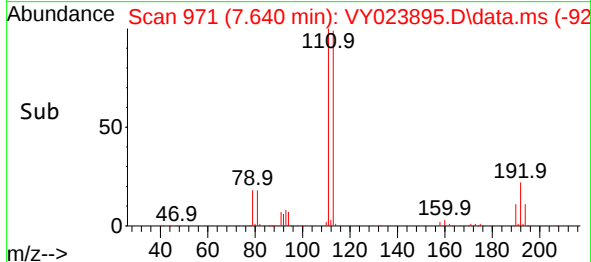
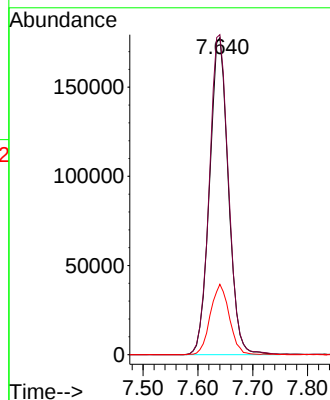
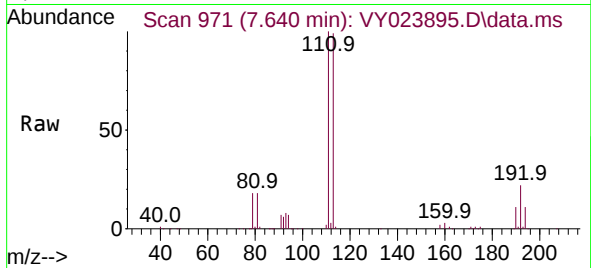




#35
Dibromofluoromethane
Concen: 48.739 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

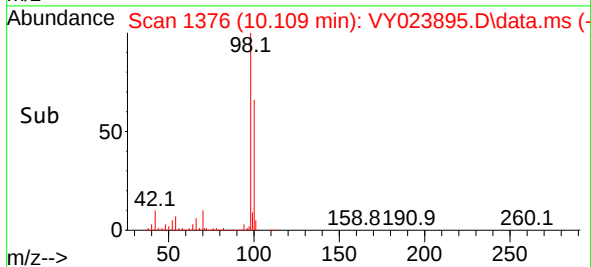
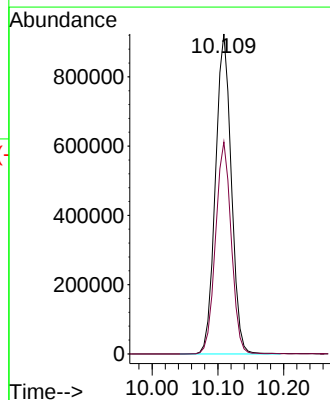
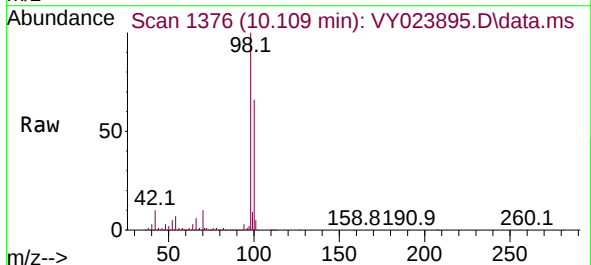
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

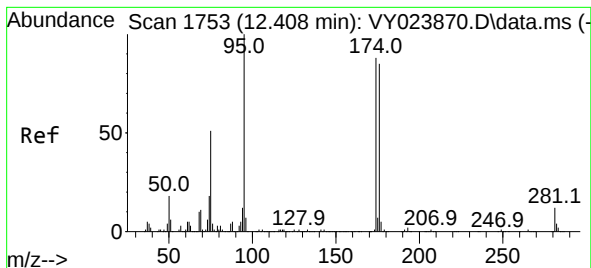
Tgt Ion:113 Resp: 424473
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.3 15.8 23.8



#50
Toluene-d8
Concen: 45.364 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

Tgt Ion: 98 Resp: 1537439
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

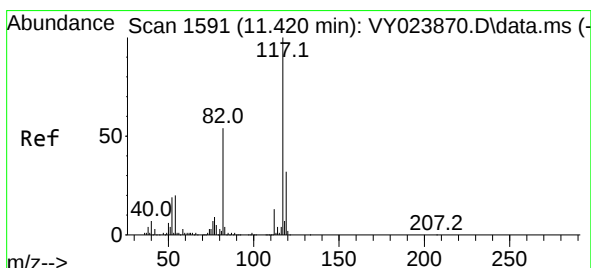
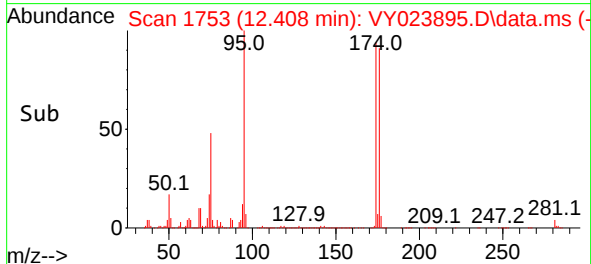
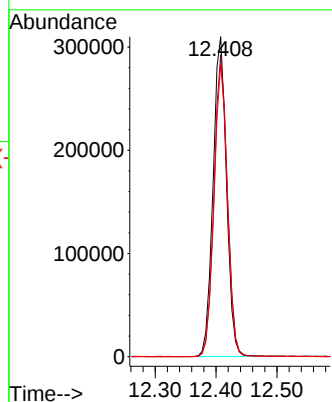
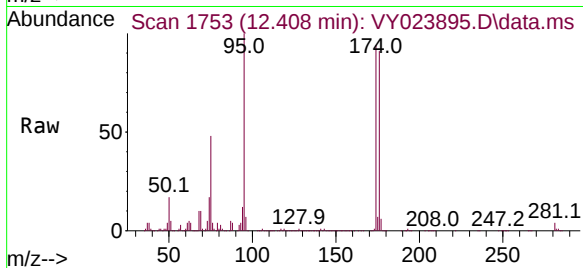




#62
4-Bromofluorobenzene
Concen: 41.093 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

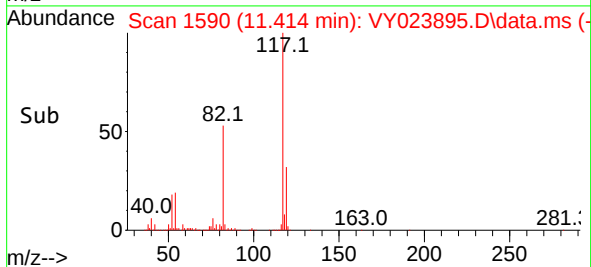
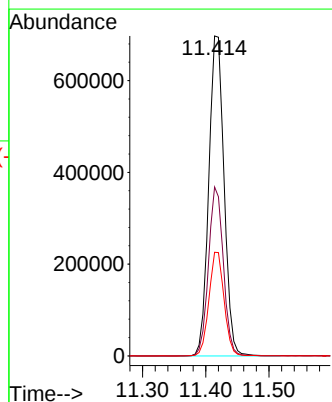
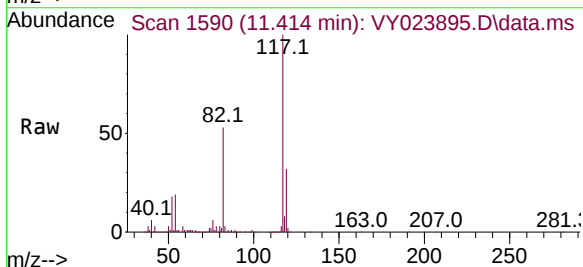
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MSVOA_Y
ClientSampleId :
SB-1125-2

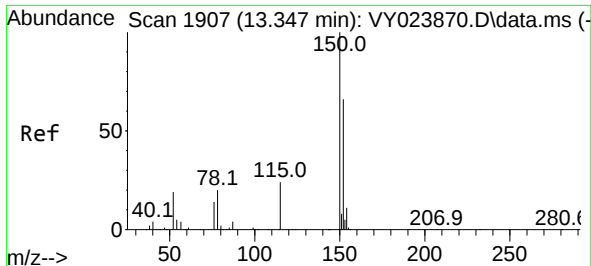
Tgt Ion: 95 Resp: 475017
Ion Ratio Lower Upper
95 100
174 94.8 0.0 169.6
176 90.9 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

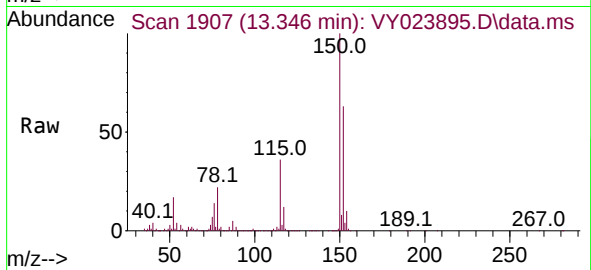
Tgt Ion: 117 Resp: 1169651
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 32.4 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023895.D
 Acq: 04 Dec 2025 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-2



Tgt Ion:152 Resp: 504866
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.8 86.4
 150 157.2 0.0 352.2

