

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023761.D
 Acq On : 12 Nov 2025 14:01
 Operator : SY/MD
 Sample : Q3586-03
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-3

Quant Time: Nov 14 03:38:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

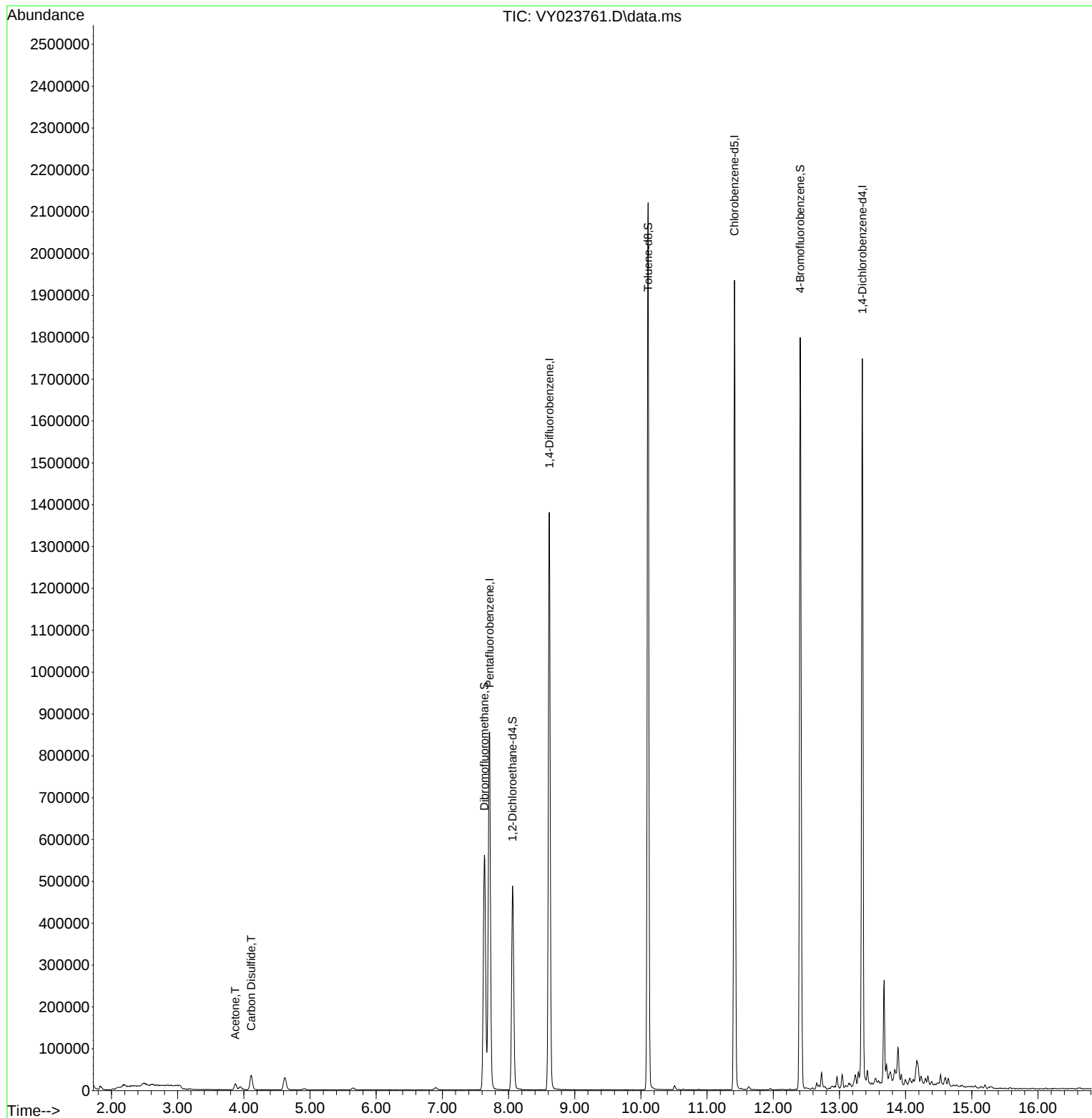
Internal Standards						
1) Pentafluorobenzene	7.713	168	715841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1241972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1078013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	465632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	379494	62.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.300%
35) Dibromofluoromethane	7.634	113	407574	52.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.109	98	1406469	48.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.408	95	430192	46.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.020%
Target Compounds						
16) Acetone	3.873	43	23954	15.782	ug/l	93
17) Carbon Disulfide	4.110	76	71109	3.622	ug/l	98

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

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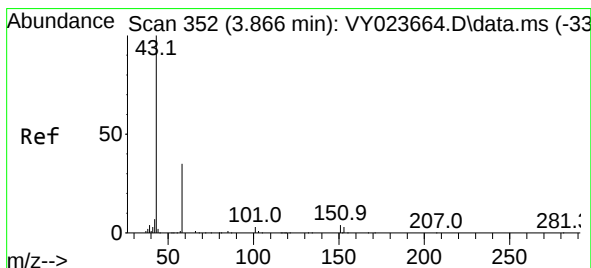
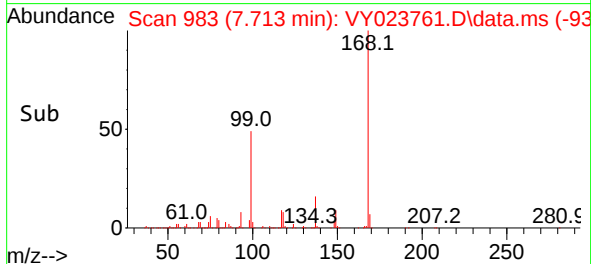
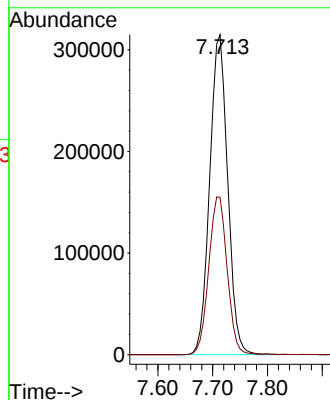
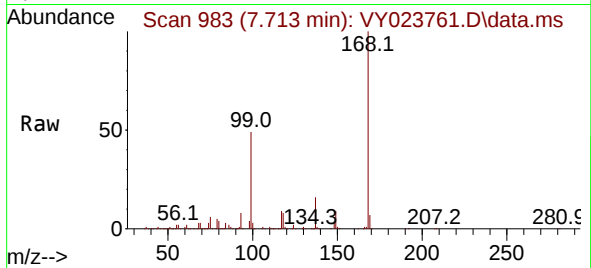




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

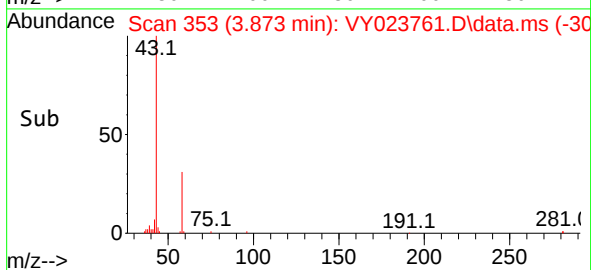
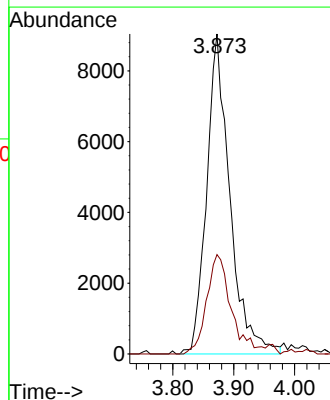
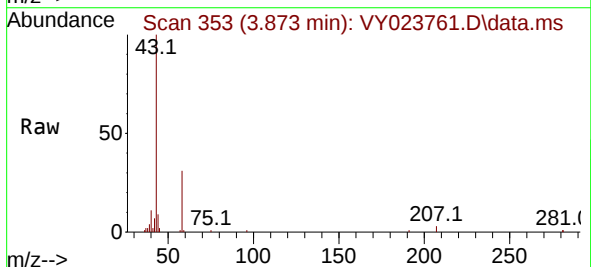
Instrument :
MSVOA_Y
ClientSampleId :
SED-3

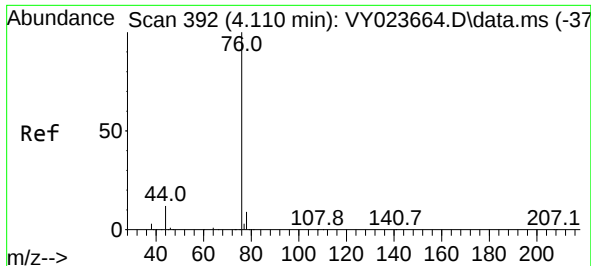
Tgt Ion:168 Resp: 715841
Ion Ratio Lower Upper
168 100
99 49.1 41.0 61.4



#16
Acetone
Concen: 15.782 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 23954
Ion Ratio Lower Upper
43 100
58 31.1 28.2 42.4

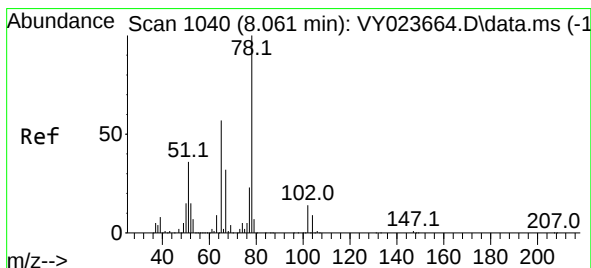
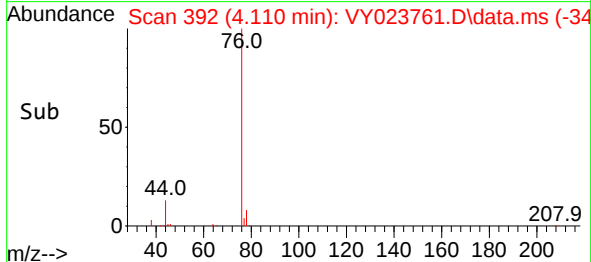
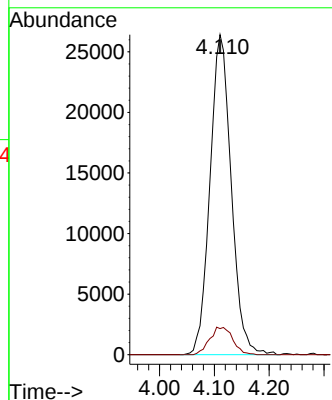
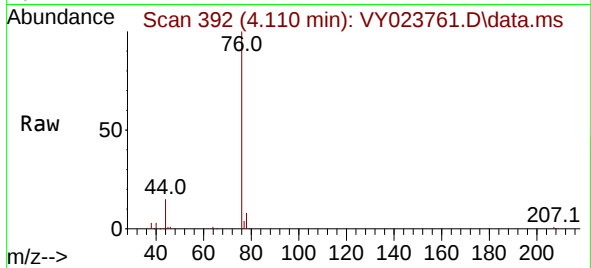




#17
Carbon Disulfide
Concen: 3.622 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

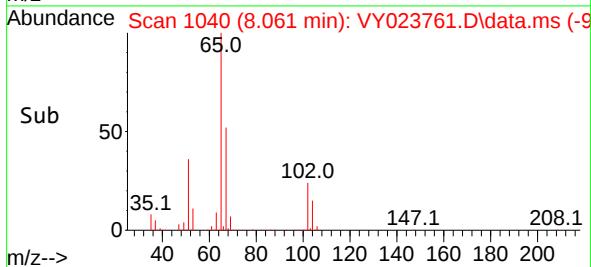
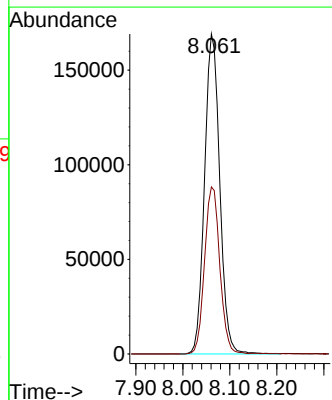
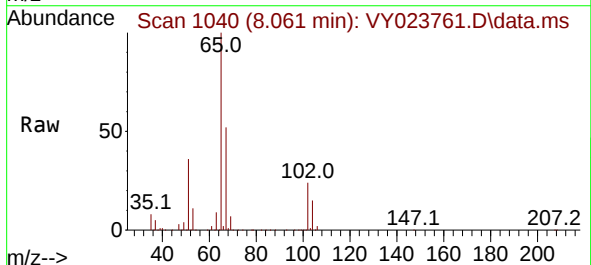
Instrument :
MSVOA_Y
ClientSampleId :
SED-3

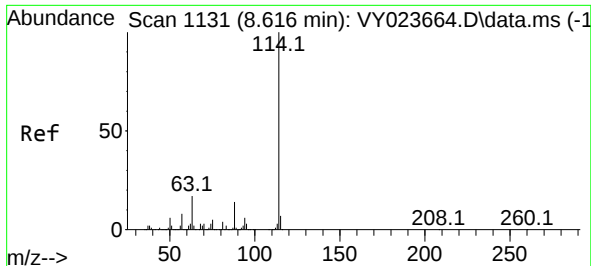
Tgt Ion: 76 Resp: 71109
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 62.149 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 65 Resp: 379494
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

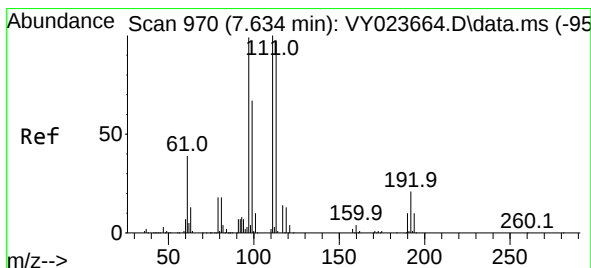
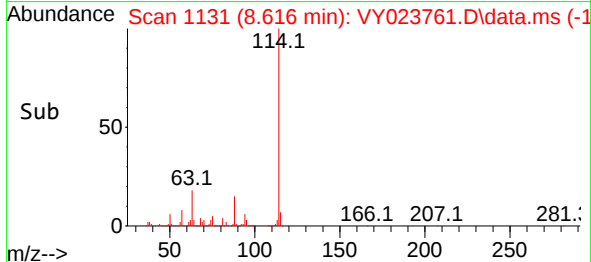
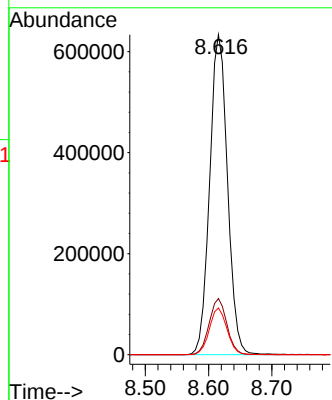
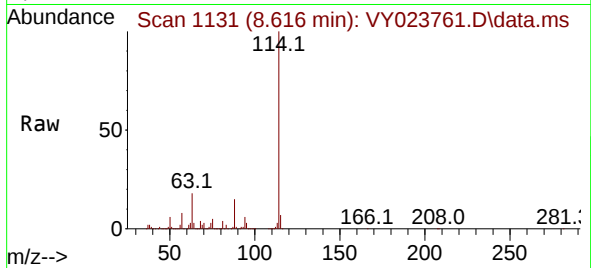




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

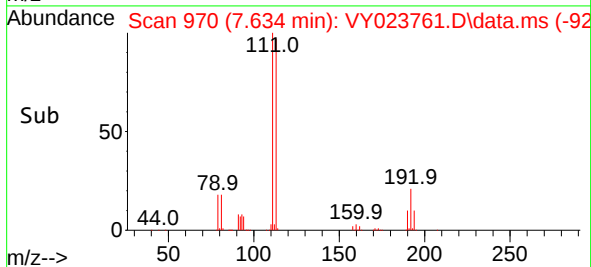
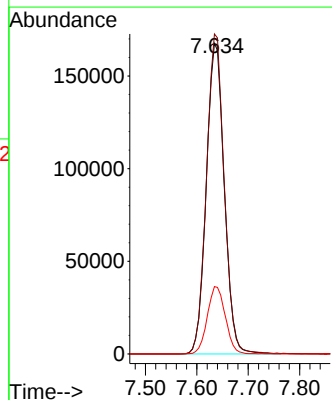
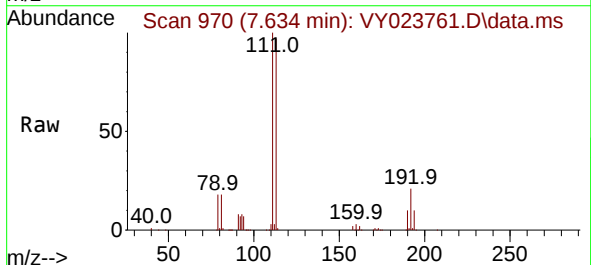
Instrument :
MSVOA_Y
ClientSampleId :
SED-3

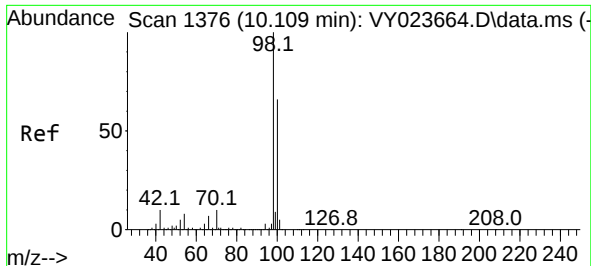
Tgt Ion:114 Resp: 1241972
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.8
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.512 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion:113 Resp: 407574
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 21.8 17.3 25.9

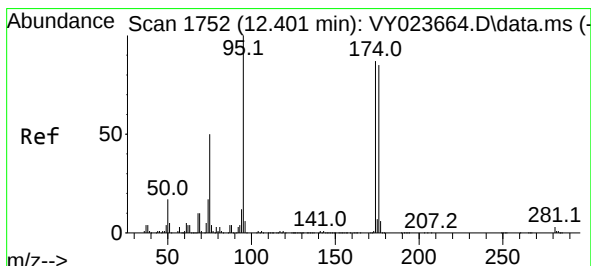
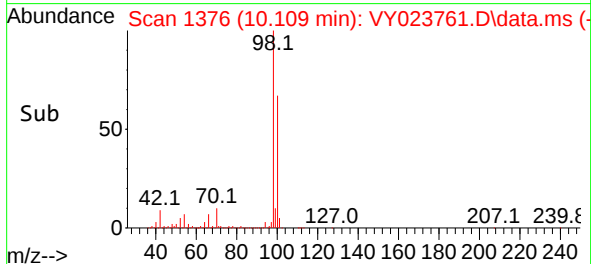
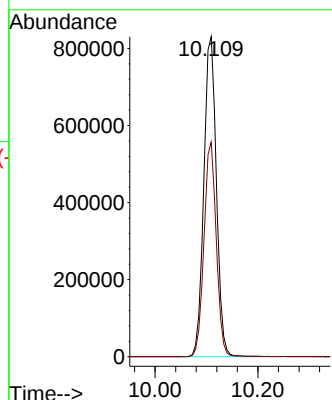
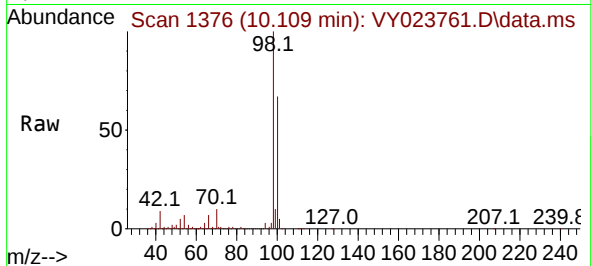




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

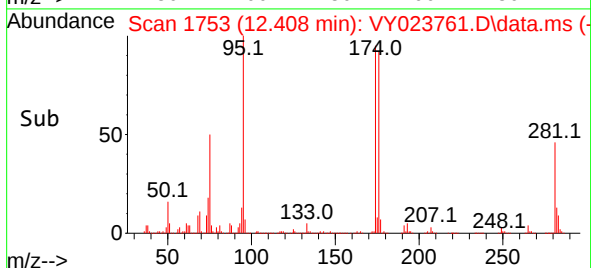
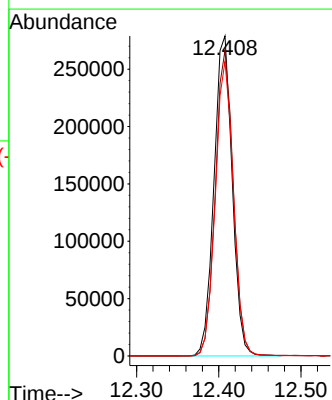
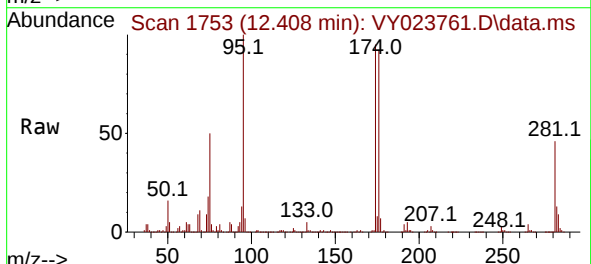
Instrument :
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ClientSampleId :
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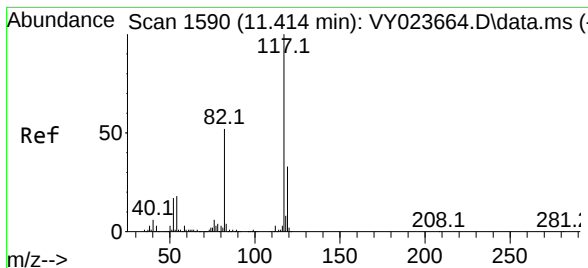
Tgt Ion: 98 Resp: 1406469
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.010 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 95 Resp: 430192
Ion Ratio Lower Upper
95 100
174 94.6 0.0 184.8
176 91.5 0.0 181.6

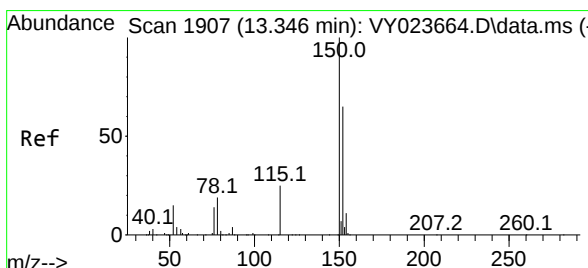
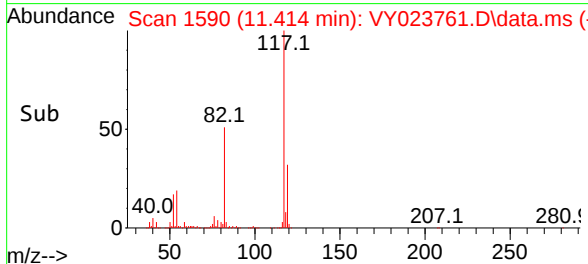
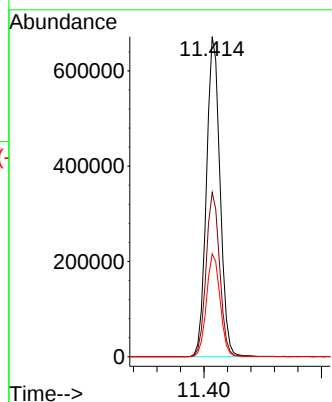
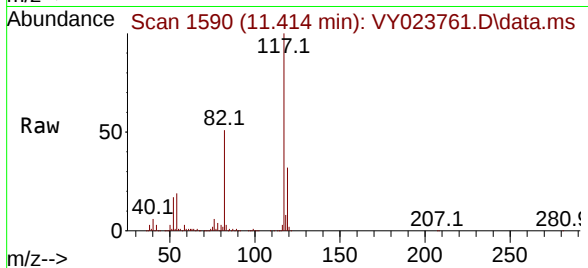




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Tgt Ion:117 Resp: 1078013
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion:152 Resp: 465632
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.5
150 156.3 0.0 349.0

