

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022720.D
 Acq On : 17 Jun 2025 13:38
 Operator : SY/MD
 Sample : Q2340-02
 Misc : 7.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 18 04:41:03 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

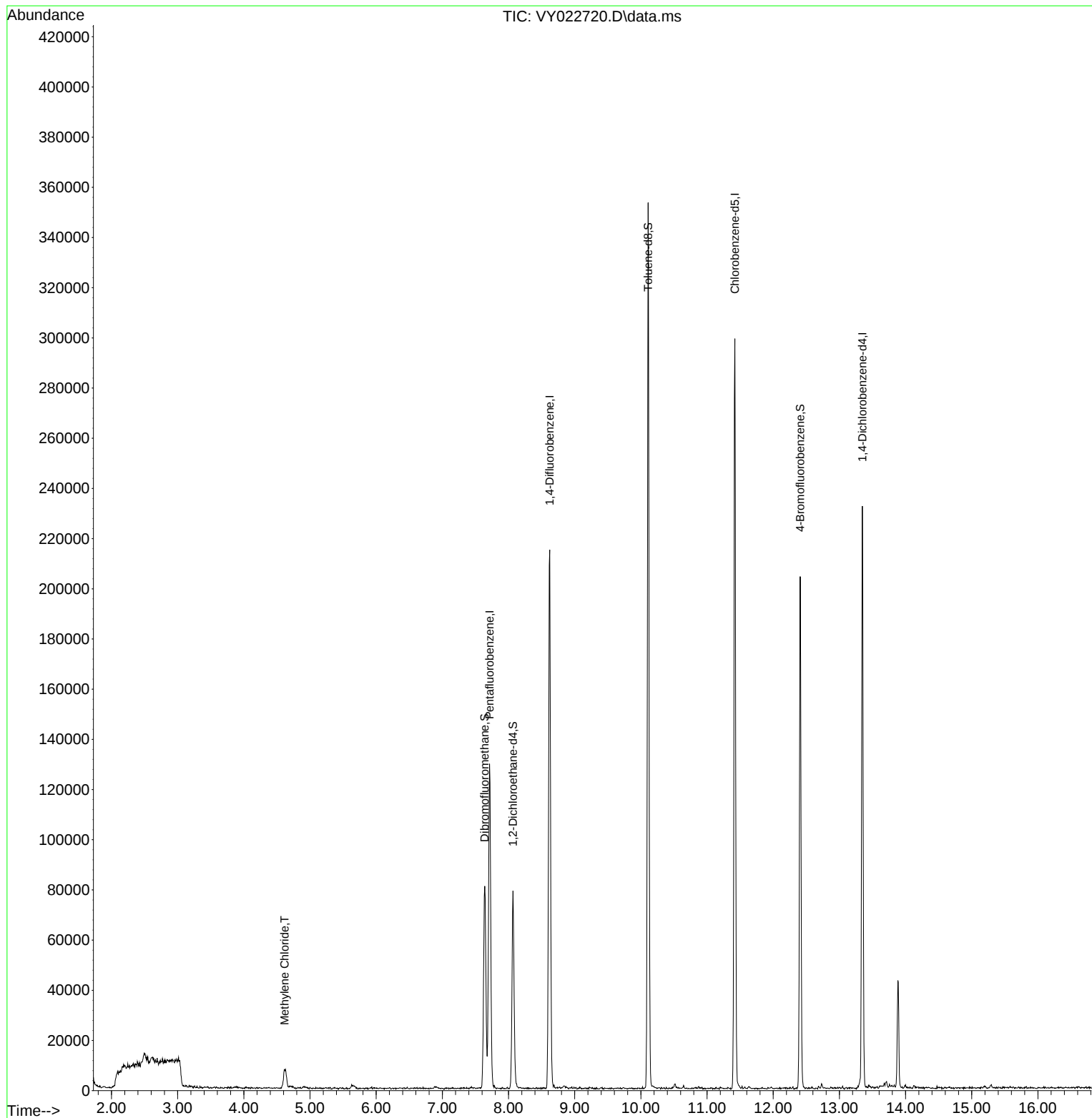
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

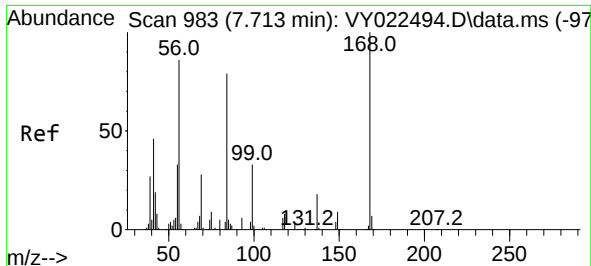
Internal Standards						
1) Pentafluorobenzene	7.713	168	93928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	179675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	147128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	57898	55.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.640	113	55522	51.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.109	98	216897	50.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.408	95	53539	41.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.940%
Target Compounds						
20) Methylene Chloride	4.616	84	5511	4.547	ug/l	Qvalue # 92

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

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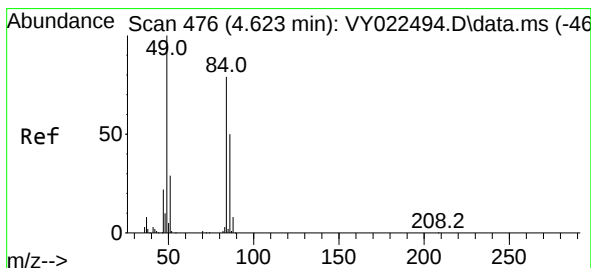
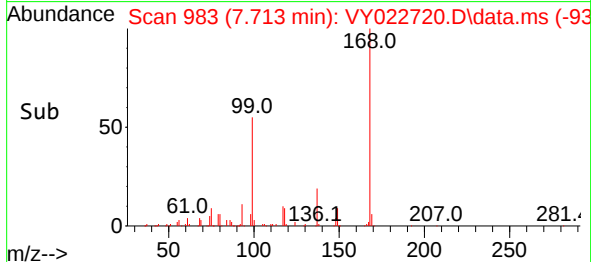
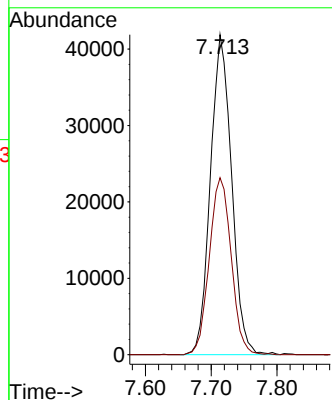
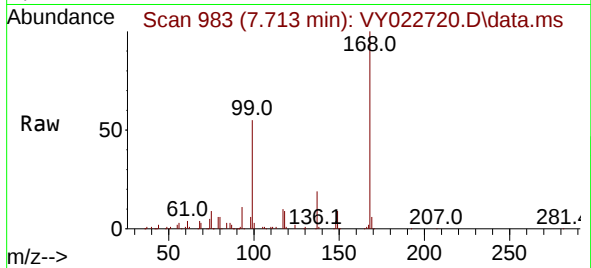
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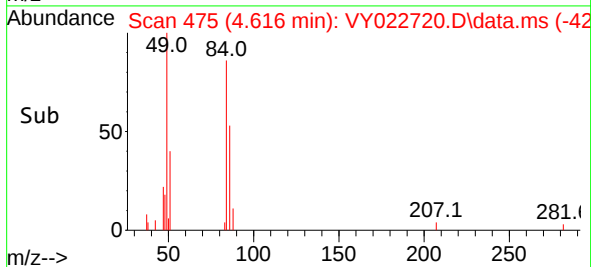
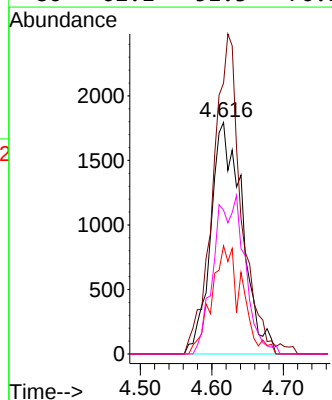
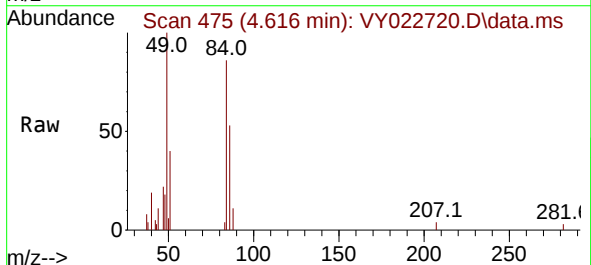
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

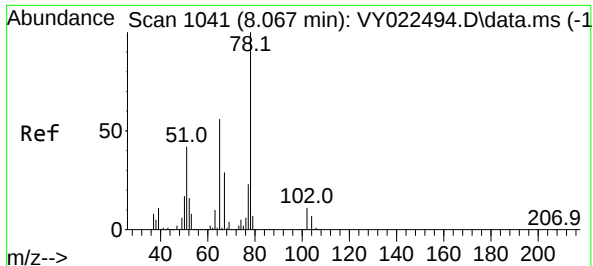
Tgt Ion:168 Resp: 93928
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#20
Methylene Chloride
Concen: 4.547 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

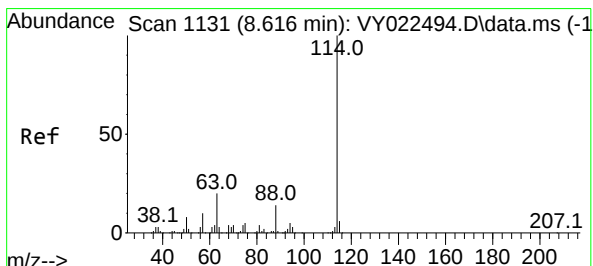
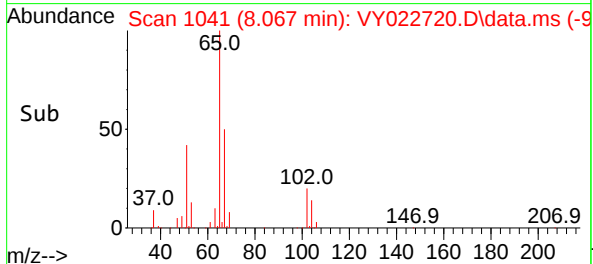
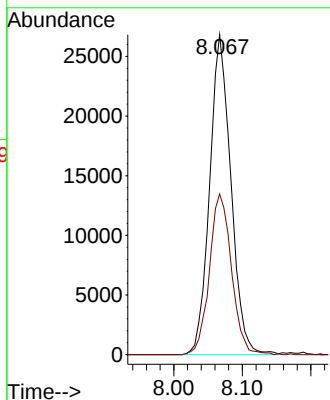
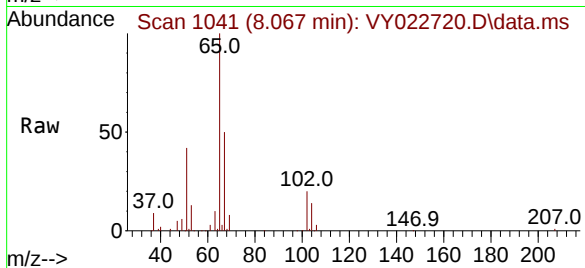
Tgt Ion: 84 Resp: 5511
Ion Ratio Lower Upper
84 100
49 116.9 101.9 152.9
51 46.7 29.8 44.8#
86 62.1 51.3 76.9





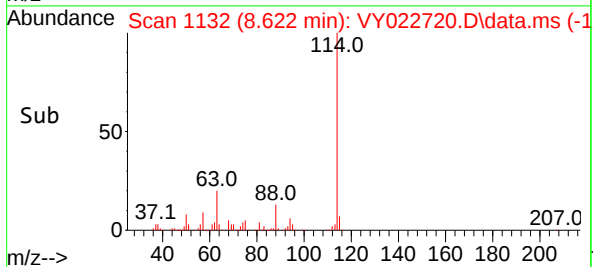
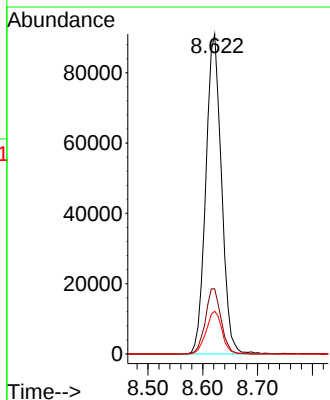
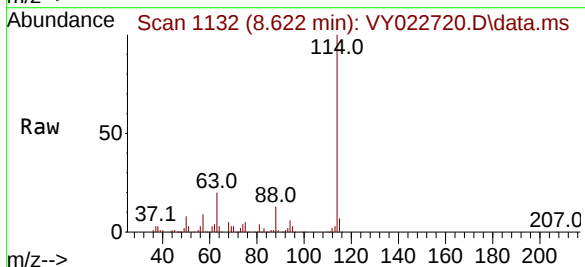
#33
1,2-Dichloroethane-d4
Concen: 55.113 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

Tgt Ion: 65 Resp: 57898
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

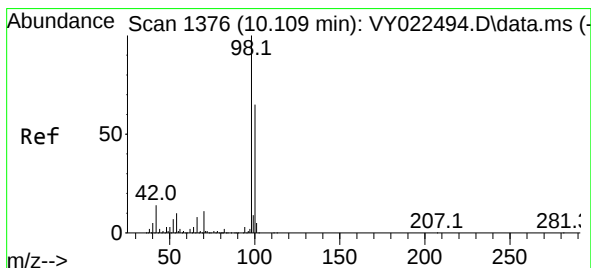
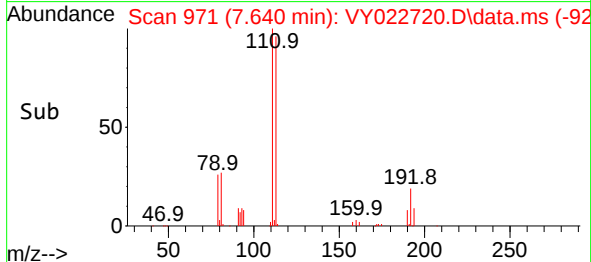
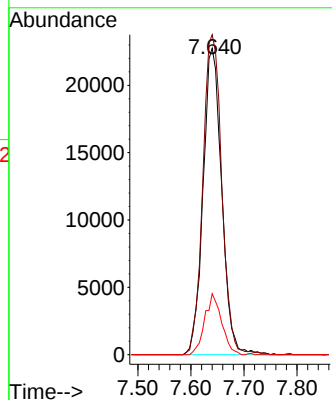
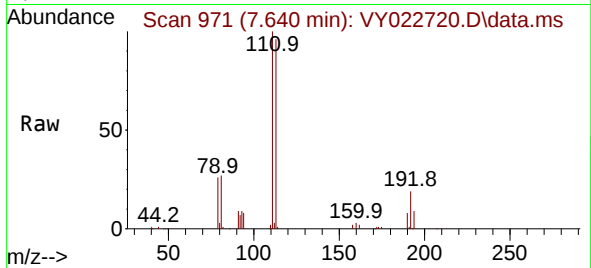
Tgt Ion: 114 Resp: 179675
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 13.4 0.0 27.8





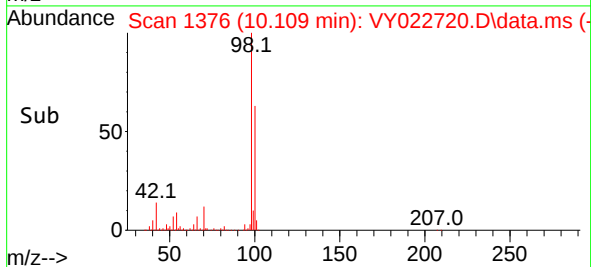
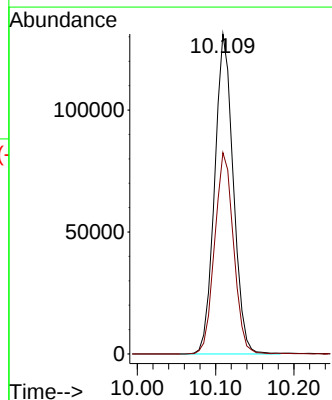
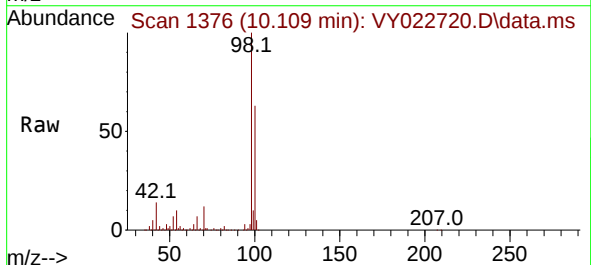
#35
Dibromofluoromethane
Concen: 51.771 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

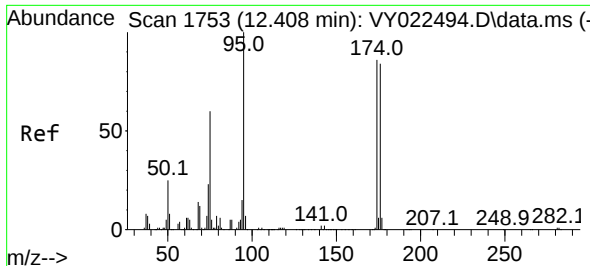
Tgt Ion:113 Resp: 55522
Ion Ratio Lower Upper
113 100
111 106.1 81.1 121.7
192 18.1 14.2 21.2



#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

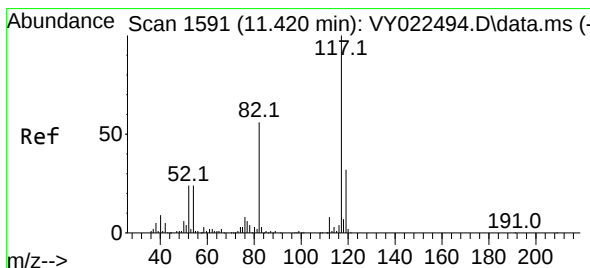
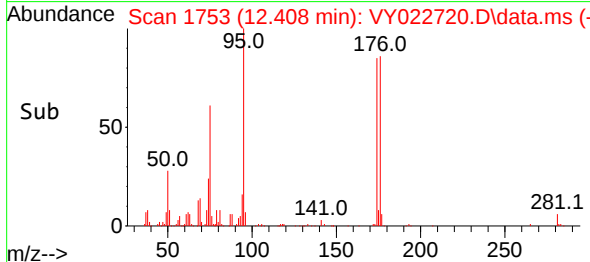
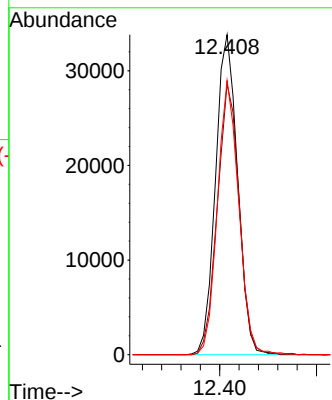
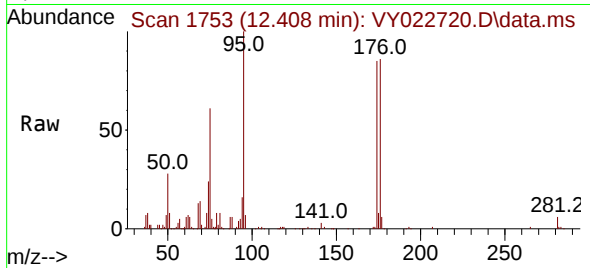
Tgt Ion: 98 Resp: 216897
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





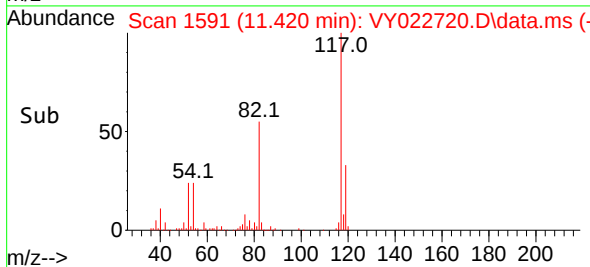
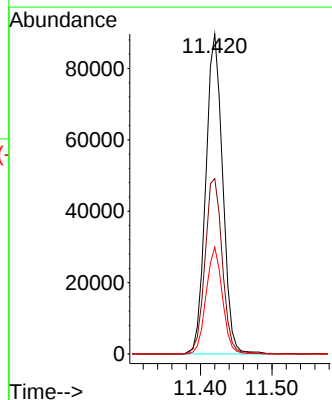
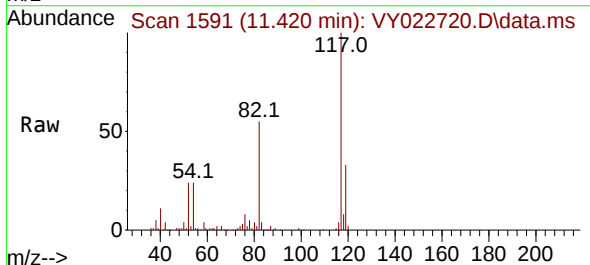
#62
4-Bromofluorobenzene
Concen: 41.467 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

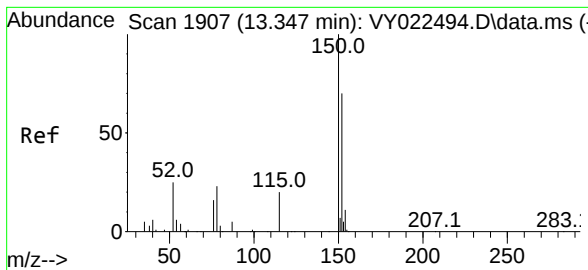
Tgt Ion:	95	Resp:	53539
Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.0
176	82.6	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

Tgt Ion:	117	Resp:	147128
Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.6	66.8
119	33.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022720.D
 Acq: 17 Jun 2025 13:38

Tgt Ion:152 Resp: 54318
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.9 86.7
 150 153.7 0.0 349.6

