

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022900.D
 Acq On : 01 Jul 2025 15:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 02 03:30:27 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)

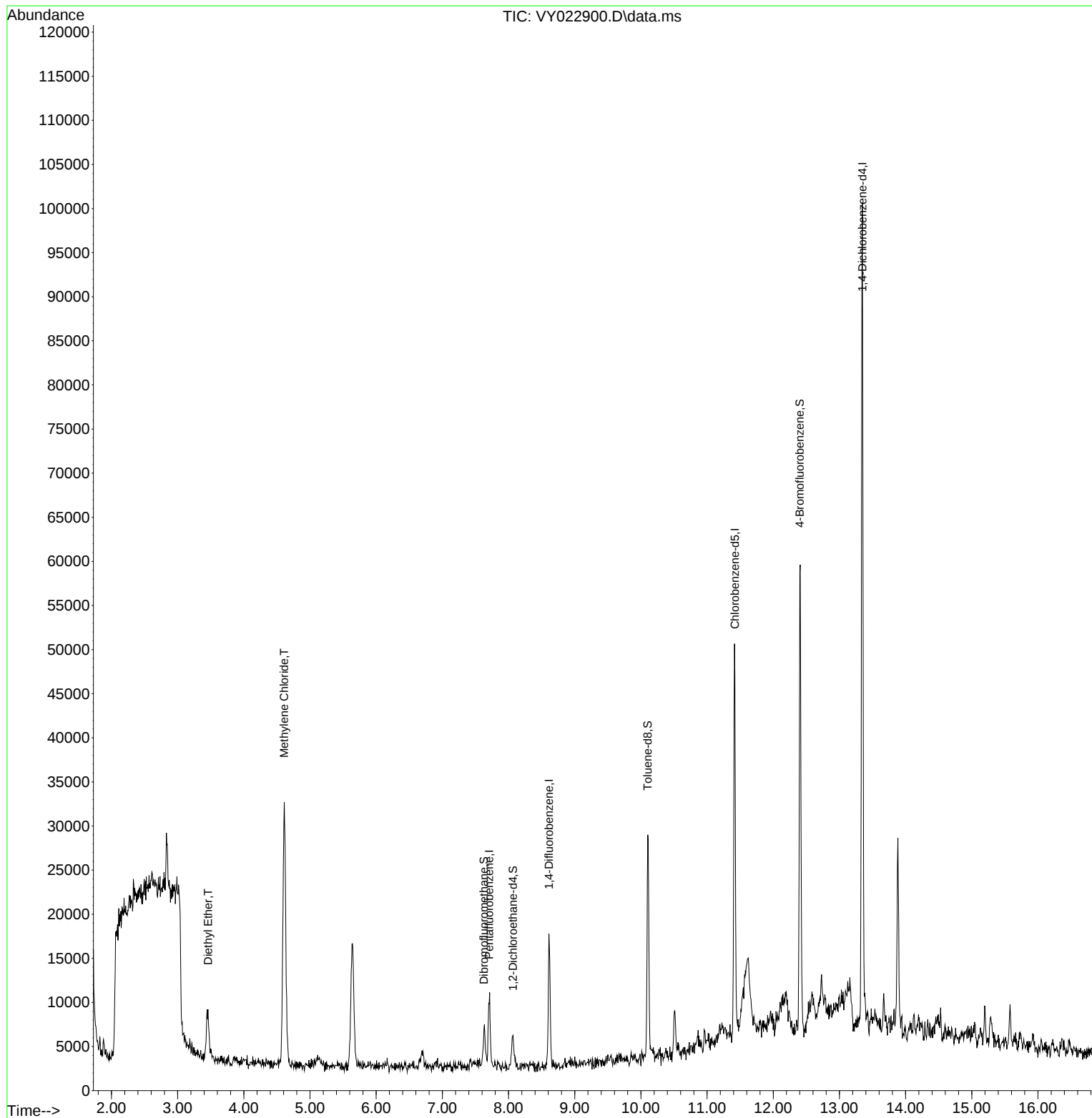
Internal Standards						
1) Pentafluorobenzene	7.707	168	6078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	11273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	23372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	23010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2763	40.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.460%
35) Dibromofluoromethane	7.628	113	2881	42.023	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.040%
50) Toluene-d8	10.103	98	17190	63.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.380%
62) 4-Bromofluorobenzene	12.402	95	15595	178.324	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	356.640%#
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.458	74	3347	98.706	ug/l	80
20) Methylene Chloride	4.610	84	20694	255.570	ug/l	91

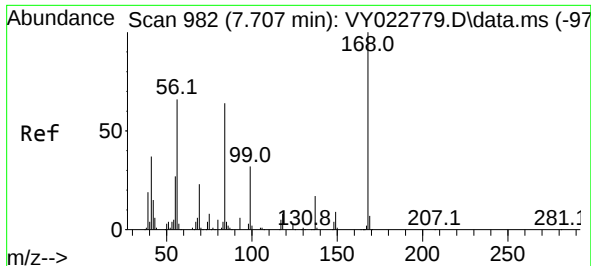
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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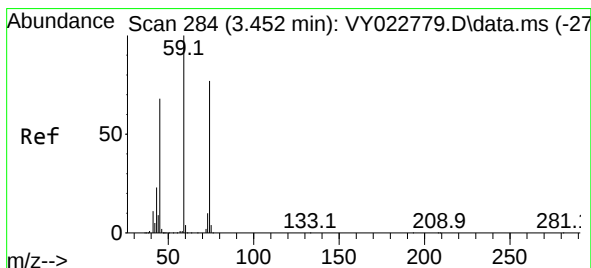
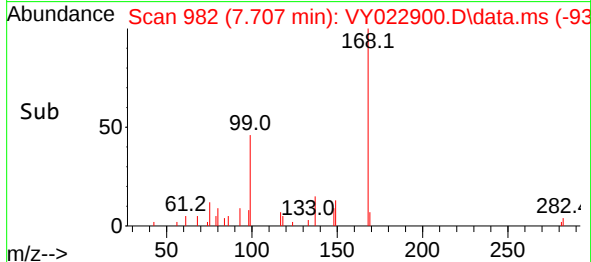
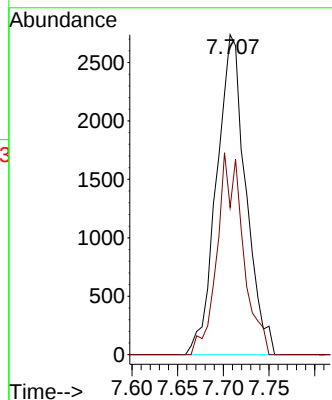
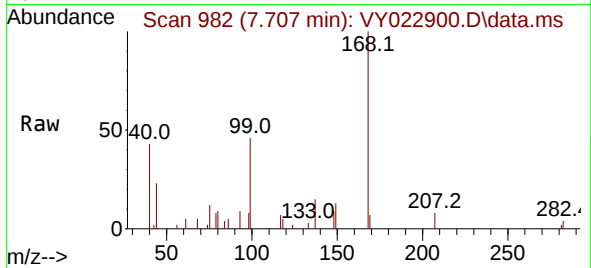




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

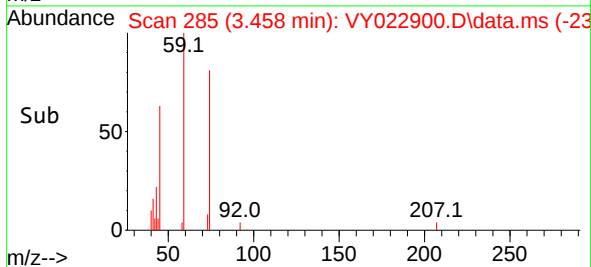
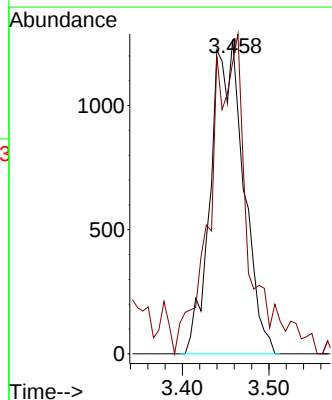
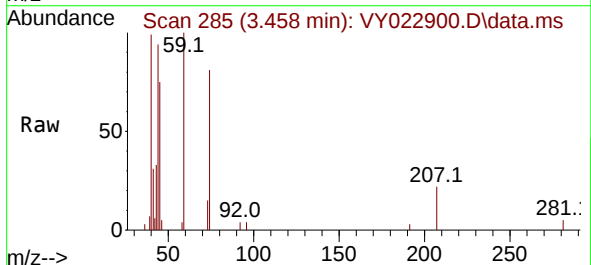
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

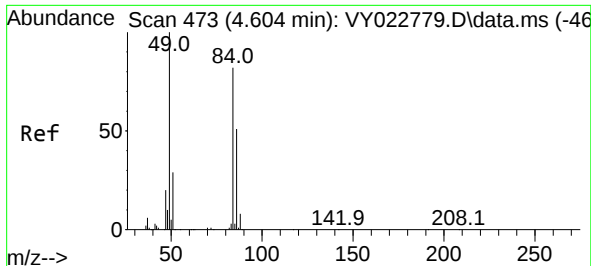
Tgt Ion:168 Resp: 6078
Ion Ratio Lower Upper
168 100
99 46.0 44.3 66.5



#8
Diethyl Ether
Concen: 98.706 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

Tgt Ion: 74 Resp: 3347
Ion Ratio Lower Upper
74 100
45 111.1 45.9 137.6

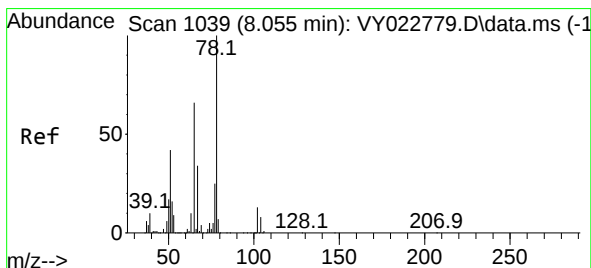
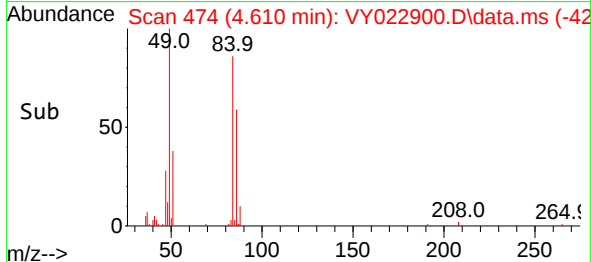
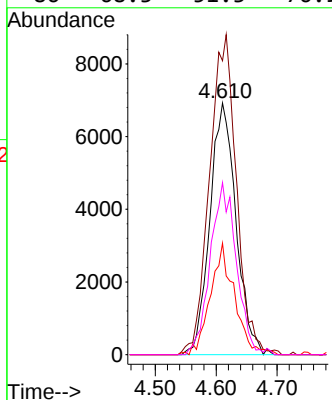
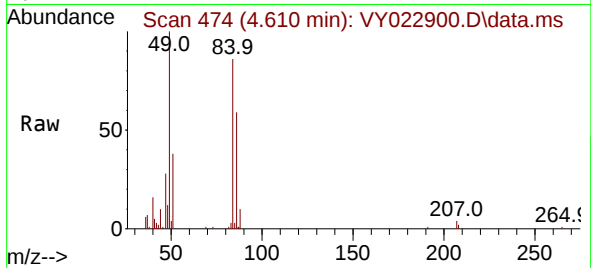




#20
Methylene Chloride
Concen: 255.570 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

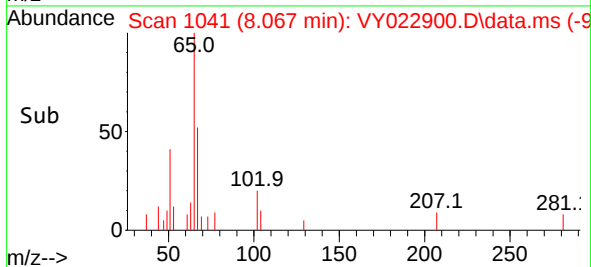
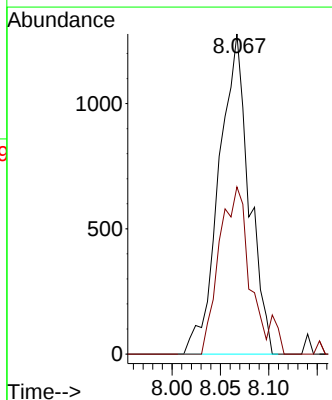
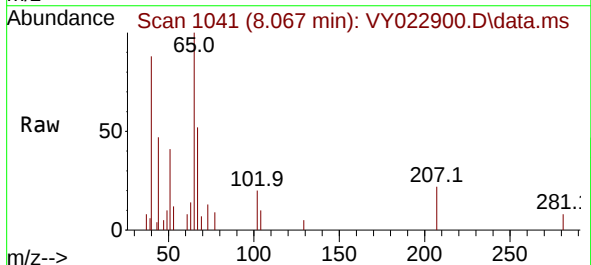
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

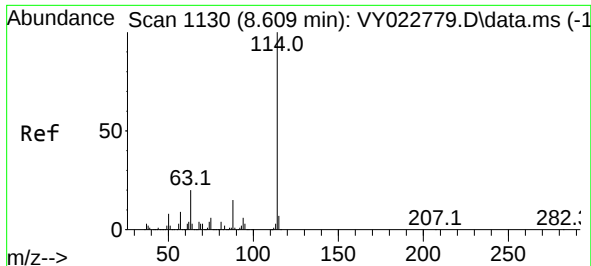
Tgt Ion:	84	Resp:	20694
Ion	Ratio	Lower	Upper
84	100		
49	116.8	101.9	152.9
51	44.3	29.8	44.8
86	68.3	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 40.730 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

Tgt Ion:	65	Resp:	2763
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

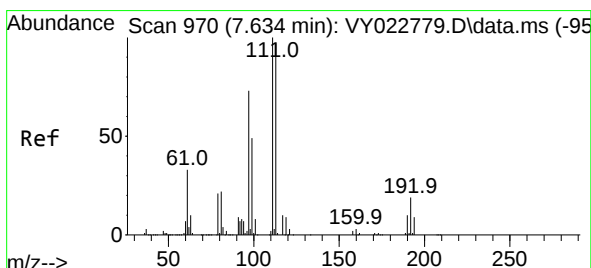
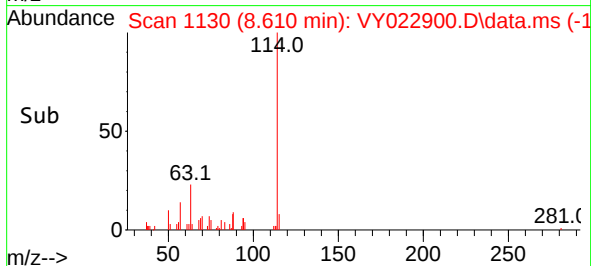
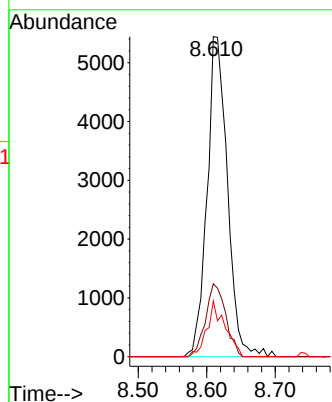
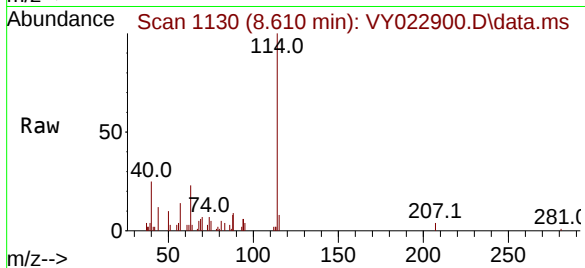
Tgt Ion:114 Resp: 11273

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

88 17.4 0.0 27.8



#35

Dibromofluoromethane

Concen: 42.023 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY022900.D

Acq: 01 Jul 2025 15:41

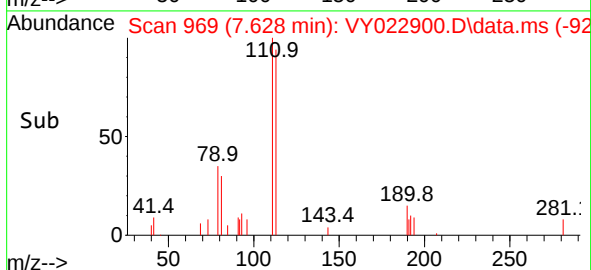
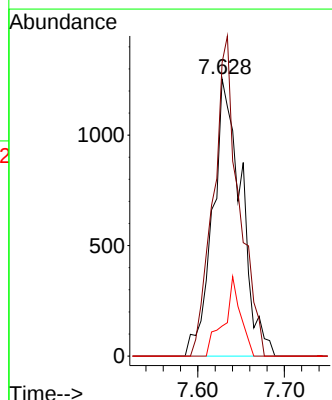
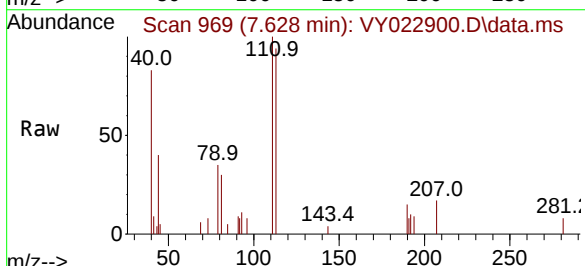
Tgt Ion:113 Resp: 2881

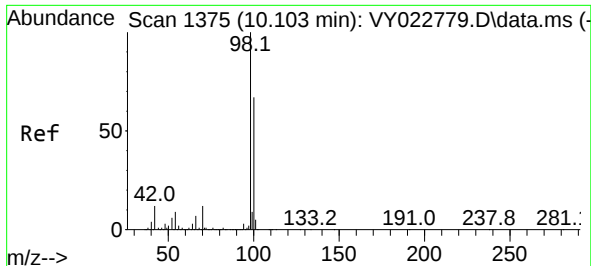
Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 16.8 14.2 21.2

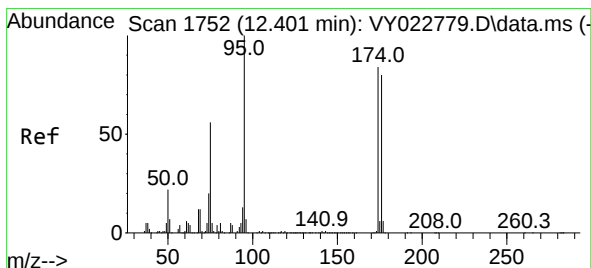
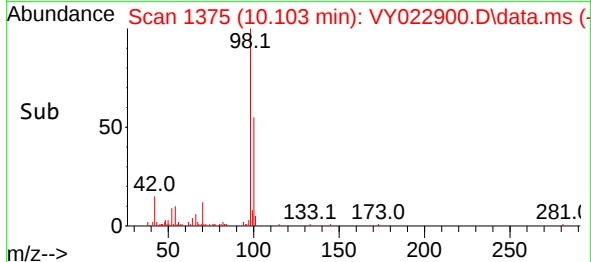
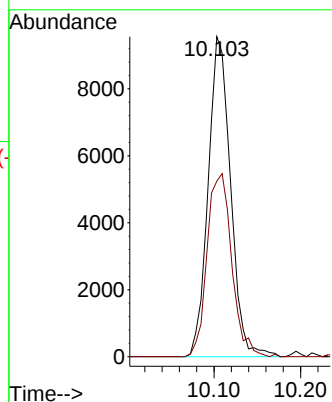
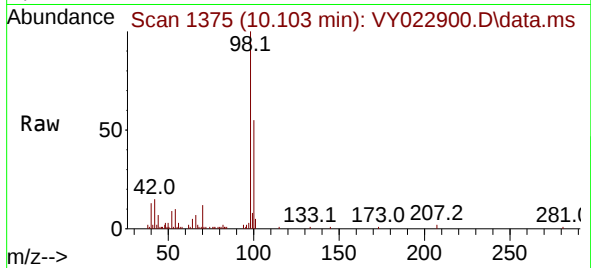




#50
Toluene-d8
Concen: 63.188 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

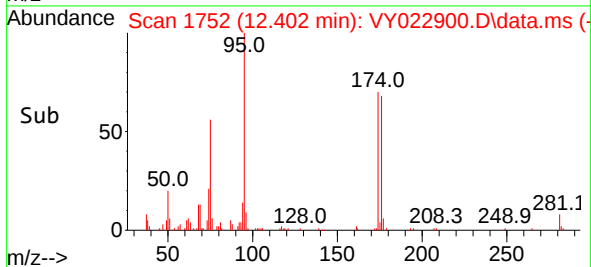
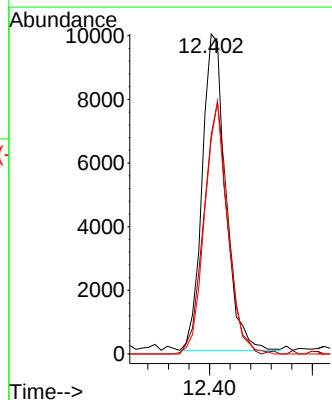
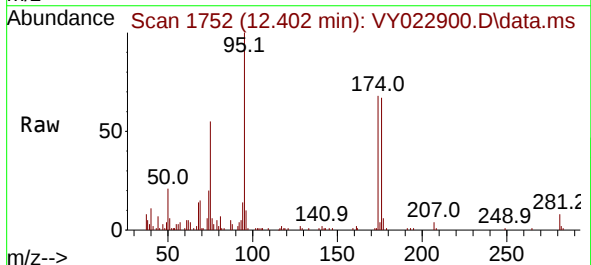
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

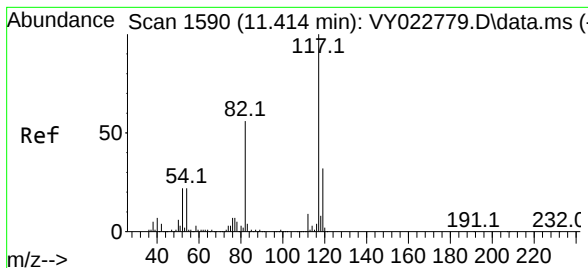
Tgt Ion: 98 Resp: 17190
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 178.324 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

Tgt Ion: 95 Resp: 15595
Ion Ratio Lower Upper
95 100
174 83.0 0.0 170.0
176 79.1 0.0 166.2

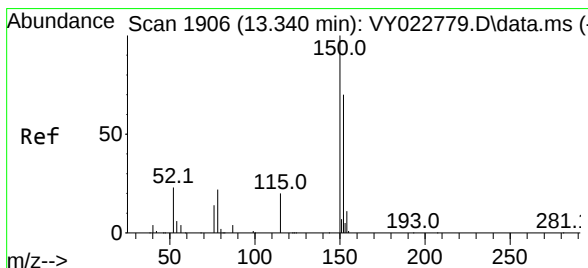
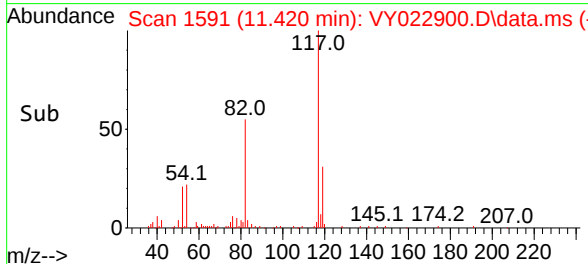
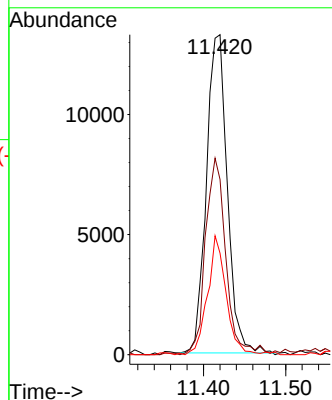
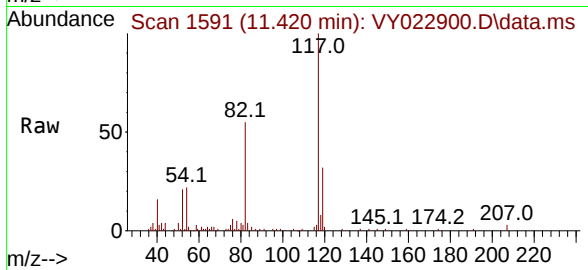




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 23372
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022900.D
Acq: 01 Jul 2025 15:41

Tgt Ion:152 Resp: 23010
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 154.2 0.0 349.6

