

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023440.D
 Acq On : 10 Oct 2025 15:37
 Operator : SY/MD
 Sample : Q3323-07
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-07-0-2

Quant Time: Oct 11 01:59:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

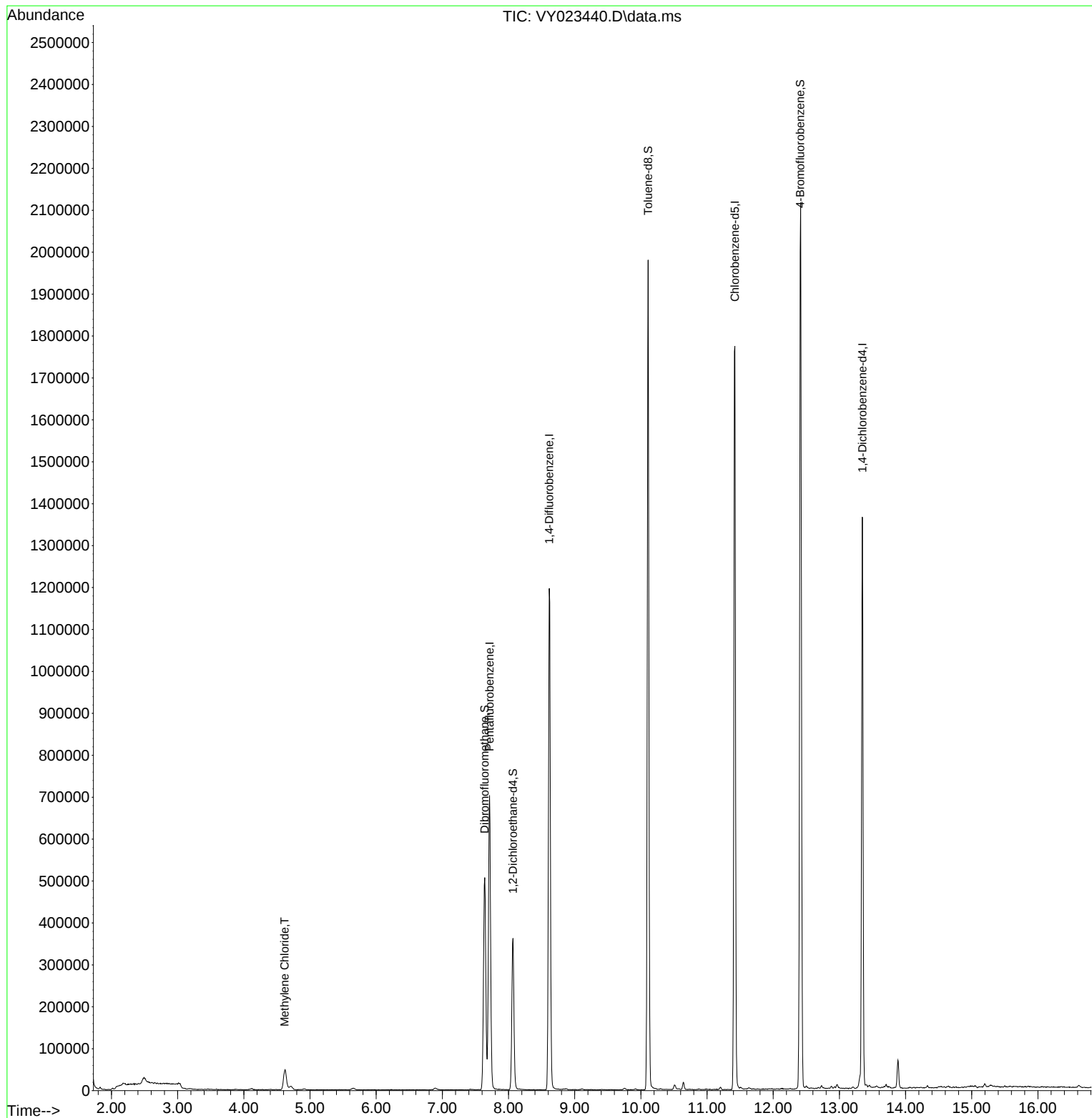
Internal Standards						
1) Pentafluorobenzene	7.713	168	590270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1116913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1047295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	372887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	282258	57.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.360%
35) Dibromofluoromethane	7.640	113	366367	53.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.760%
50) Toluene-d8	10.109	98	1323044	51.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.408	95	400451	47.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	38450	6.051	ug/l	98

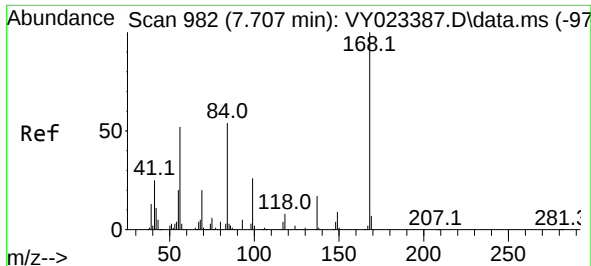
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
Data File : VY023440.D
Acq On : 10 Oct 2025 15:37
Operator : SY/MD
Sample : Q3323-07
Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-07-0-2

Quant Time: Oct 11 01:59:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

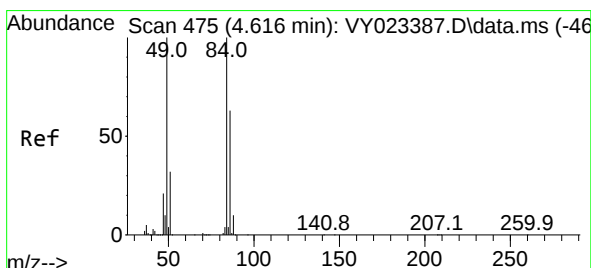
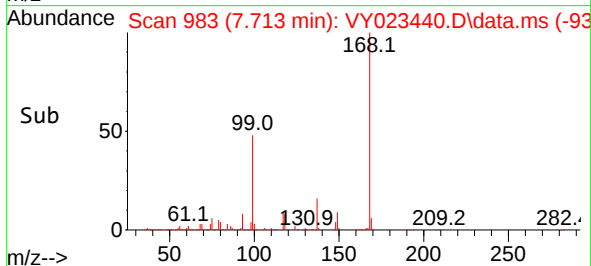
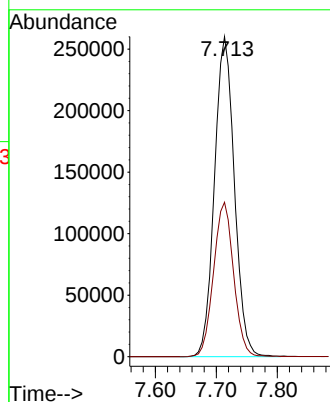
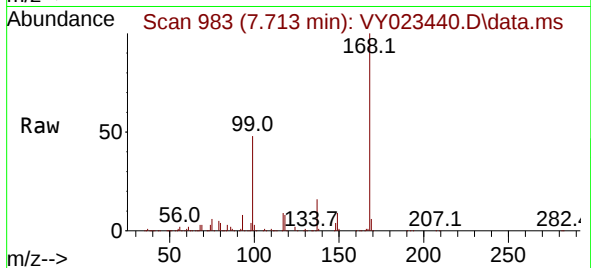




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023440.D
Acq: 10 Oct 2025 15:37

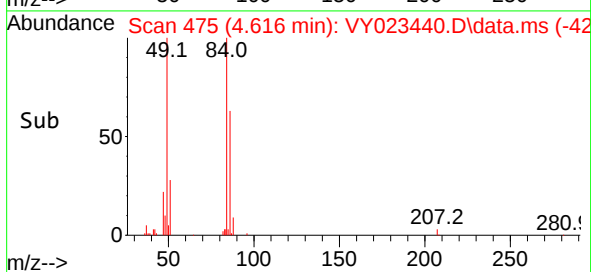
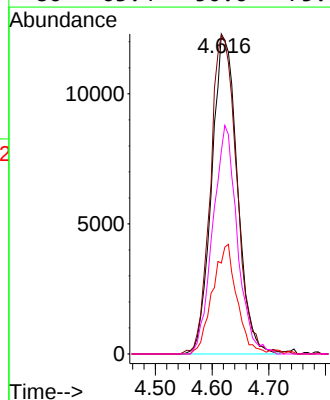
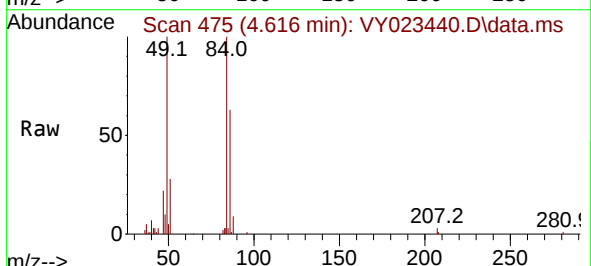
Instrument :
MSVOA_Y
ClientSampleId :
SED-07-0-2

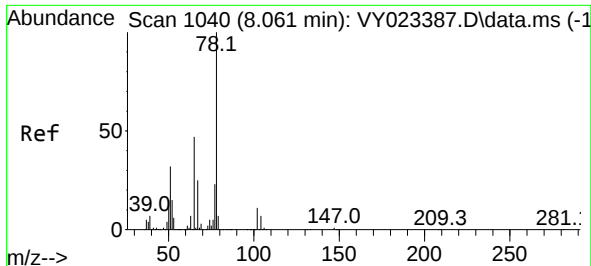
Tgt Ion:168 Resp: 590270
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#20
Methylene Chloride
Concen: 6.051 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023440.D
Acq: 10 Oct 2025 15:37

Tgt Ion: 84 Resp: 38450
Ion Ratio Lower Upper
84 100
49 99.6 80.2 120.4
51 28.4 25.9 38.9
86 63.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 57.184 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023440.D

Acq: 10 Oct 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

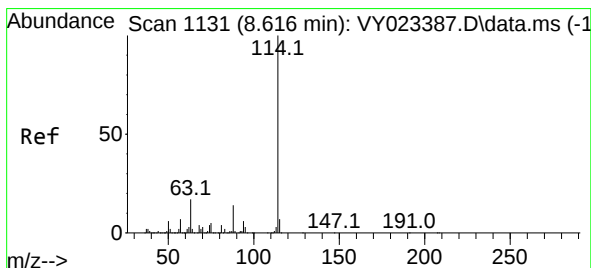
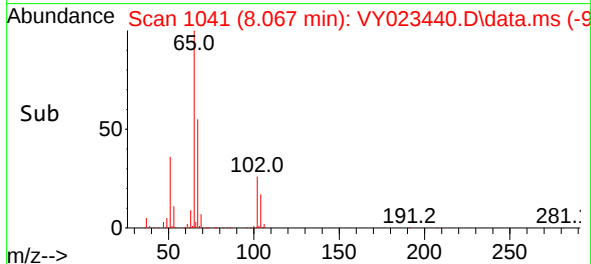
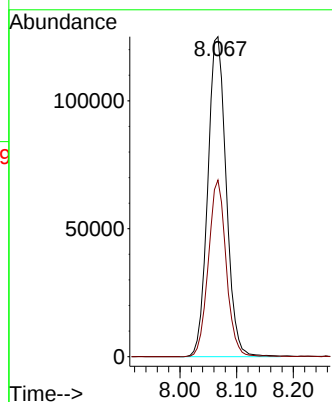
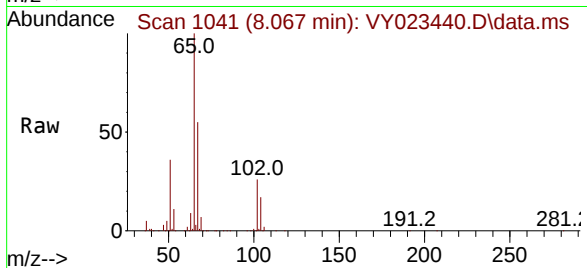
SED-07-0-2

Tgt Ion: 65 Resp: 282258

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023440.D

Acq: 10 Oct 2025 15:37

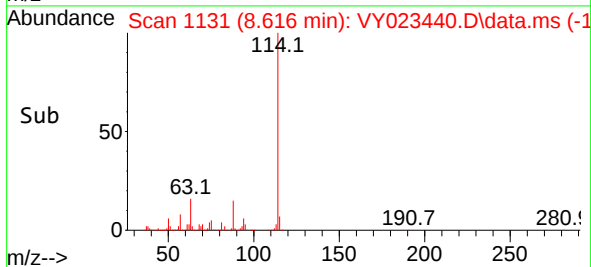
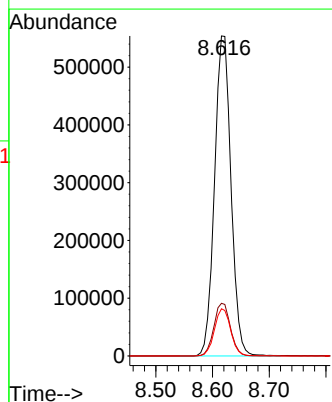
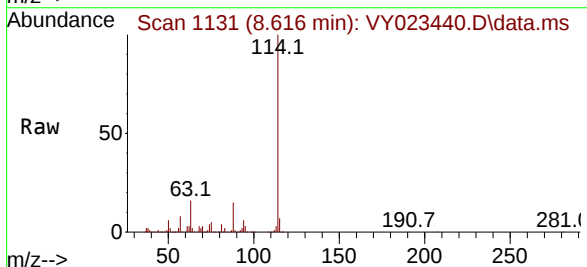
Tgt Ion:114 Resp: 1116913

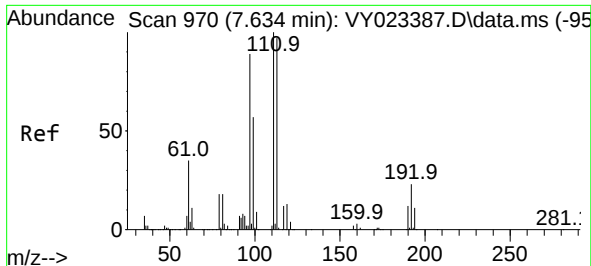
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

88 14.8 0.0 28.4

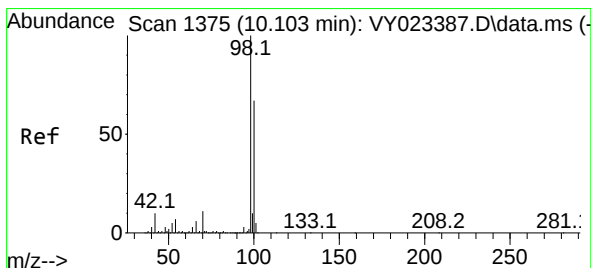
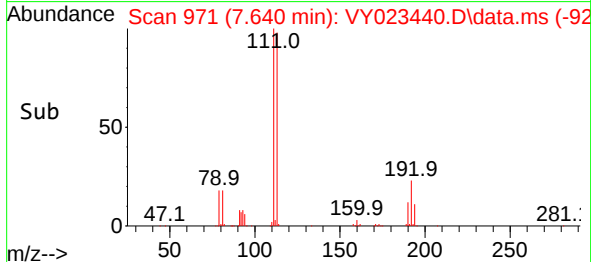
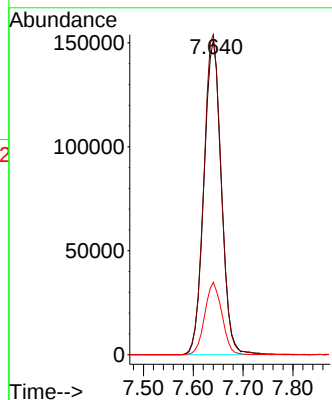
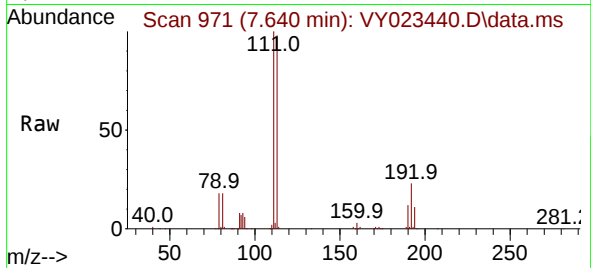




#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023440.D
Acq: 10 Oct 2025 15:37

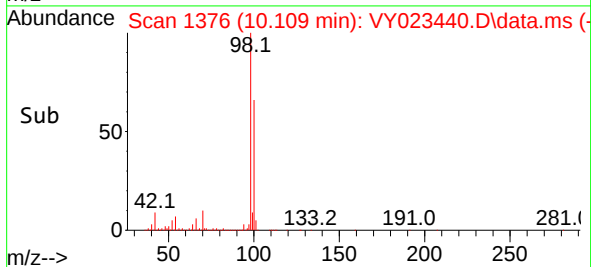
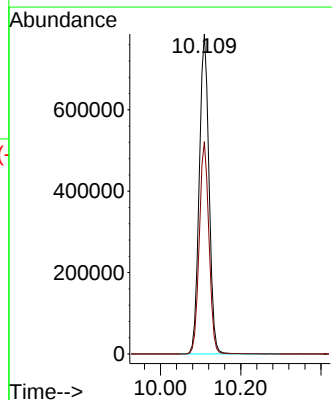
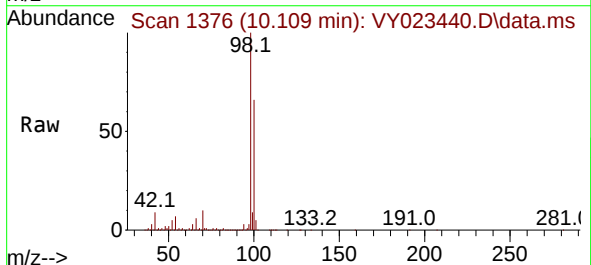
Instrument :
MSVOA_Y
ClientSampleId :
SED-07-0-2

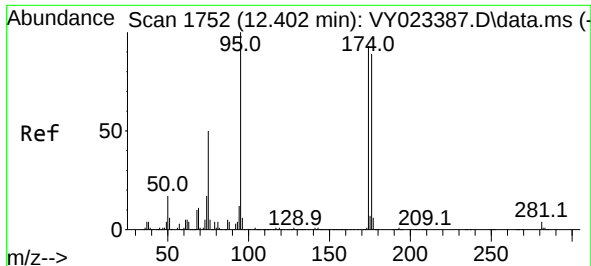
Tgt Ion:113 Resp: 366367
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 22.7 18.0 27.0



#50
Toluene-d8
Concen: 51.766 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023440.D
Acq: 10 Oct 2025 15:37

Tgt Ion: 98 Resp: 1323044
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 47.458 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023440.D

Acq: 10 Oct 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SED-07-0-2

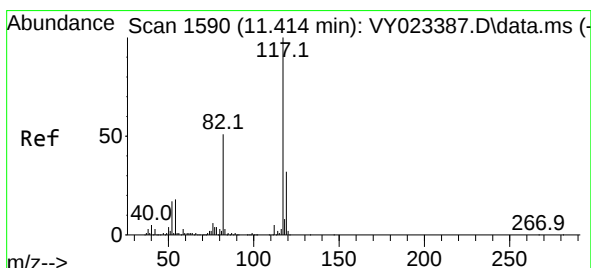
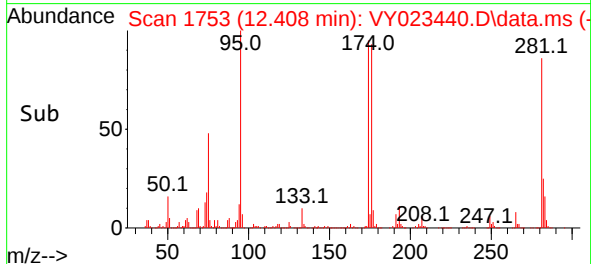
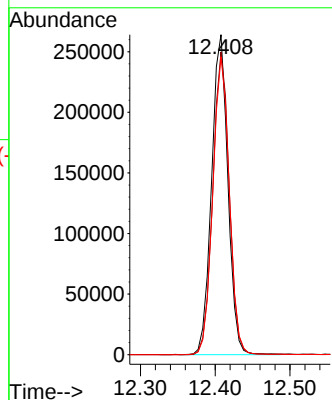
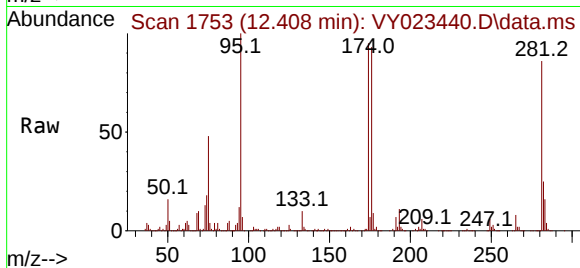
Tgt Ion: 95 Resp: 400451

Ion Ratio Lower Upper

95 100

174 95.4 0.0 192.8

176 94.2 0.0 187.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY023440.D

Acq: 10 Oct 2025 15:37

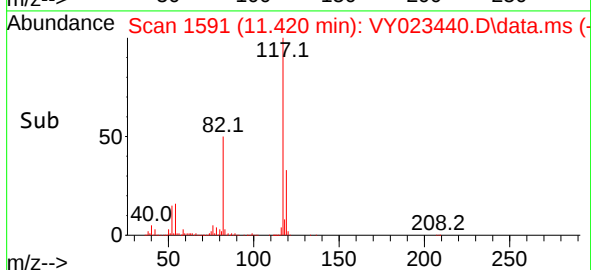
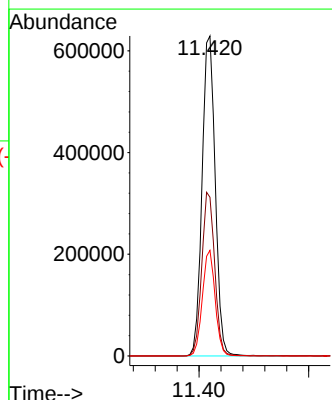
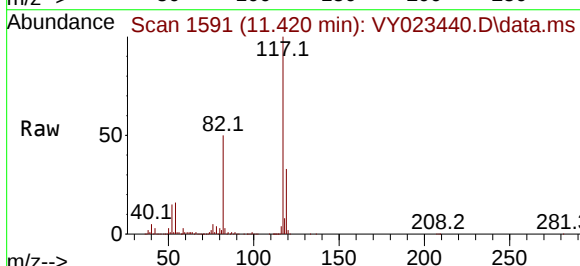
Tgt Ion: 117 Resp: 1047295

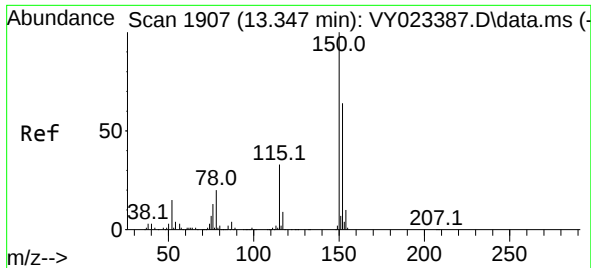
Ion Ratio Lower Upper

117 100

82 49.6 41.0 61.4

119 33.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023440.D
 Acq: 10 Oct 2025 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-07-0-2

Tgt Ion:152 Resp: 372887
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.2
 150 155.5 0.0 347.4

