

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022164.D
 Acq On : 05 May 2025 17:05
 Operator : SY/MD
 Sample : Q1956-06
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB91-3-4

Quant Time: May 06 05:23:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

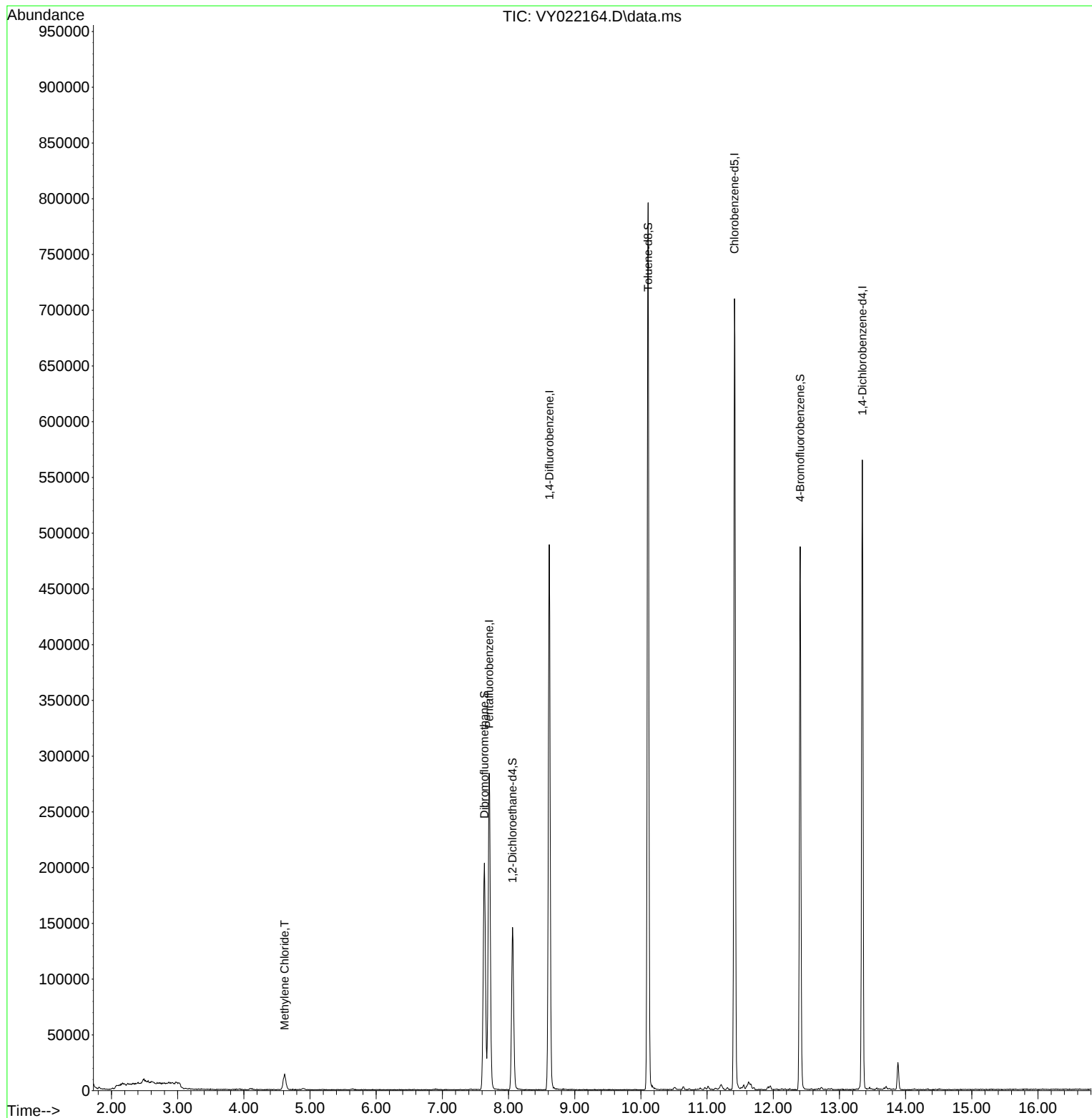
Internal Standards						
1) Pentafluorobenzene	7.707	168	214691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	385176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	143859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112650	56.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.620%
35) Dibromofluoromethane	7.634	113	143007	51.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.109	98	519895	49.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.408	95	150082	42.342	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.680%
Target Compounds						
20) Methylene Chloride	4.616	84	10335	4.122	ug/l	Qvalue 98

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

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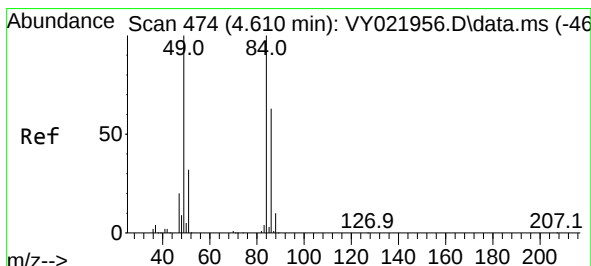
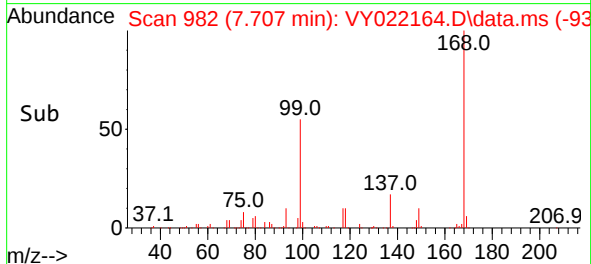
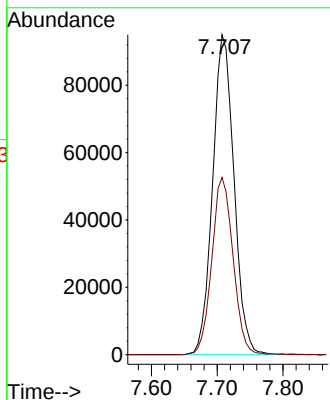
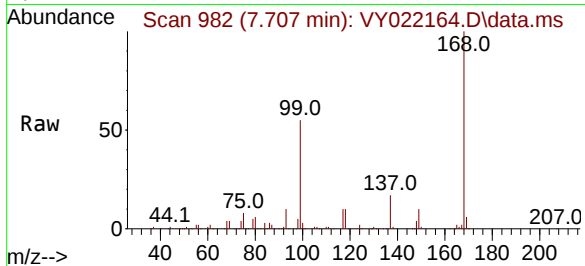




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

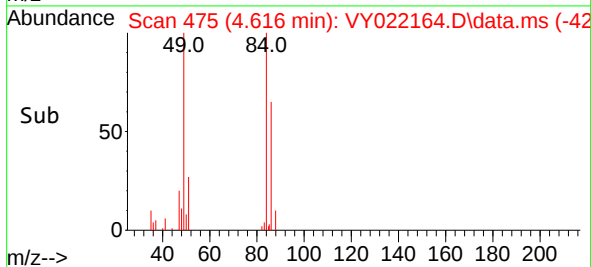
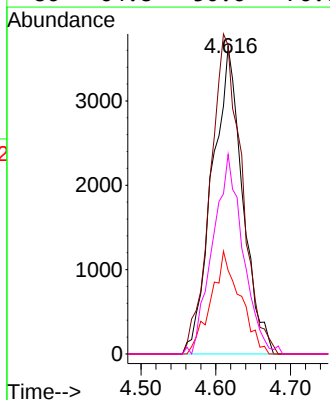
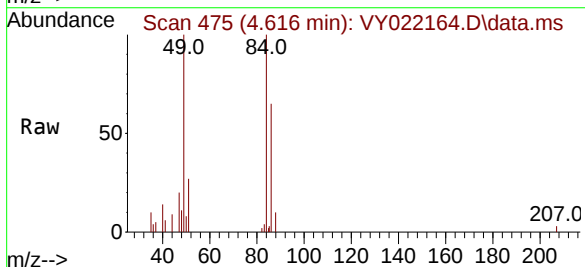
Instrument :
MSVOA_Y
ClientSampleId :
SB91-3-4

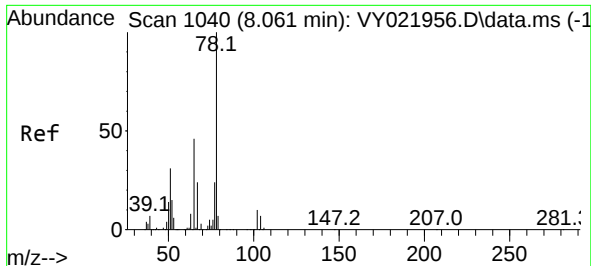
Tgt Ion:168 Resp: 214691
Ion Ratio Lower Upper
168 100
99 55.4 43.1 64.7



#20
Methylene Chloride
Concen: 4.122 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

Tgt Ion: 84 Resp: 10335
Ion Ratio Lower Upper
84 100
49 100.3 79.9 119.9
51 27.1 25.4 38.0
86 64.8 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 56.806 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022164.D

Acq: 05 May 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

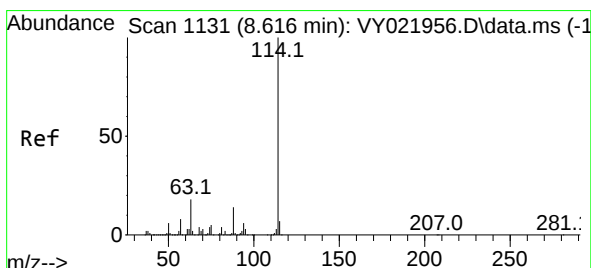
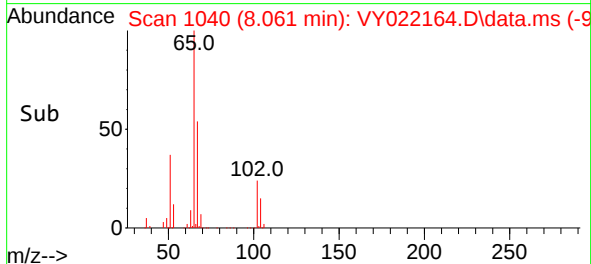
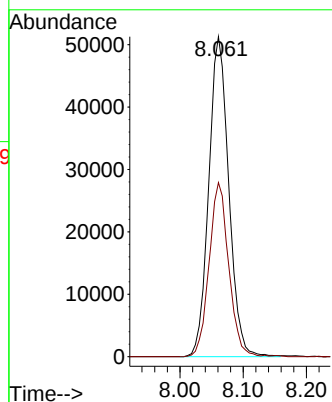
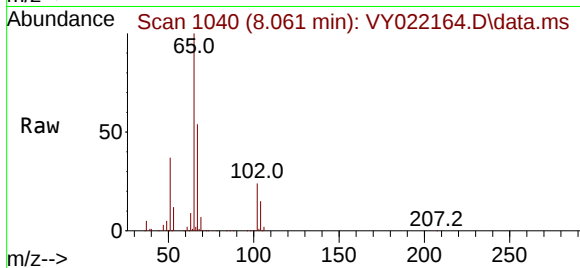
SB91-3-4

Tgt Ion: 65 Resp: 112650

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: VY022164.D

Acq: 05 May 2025 17:05

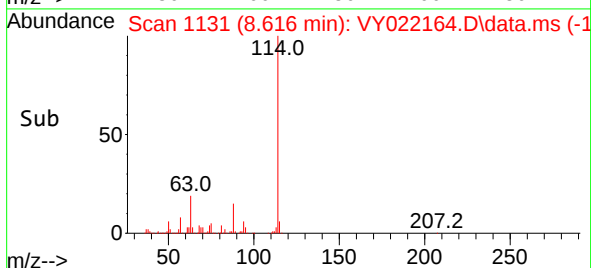
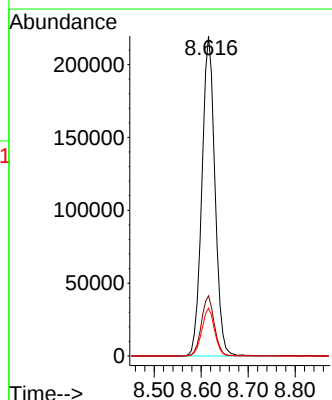
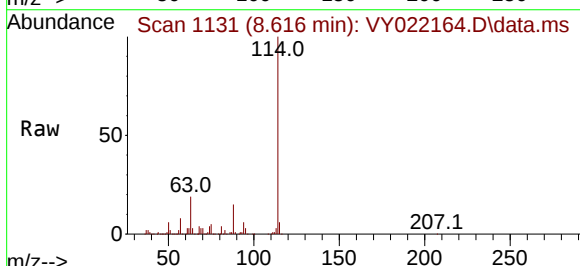
Tgt Ion: 114 Resp: 422744

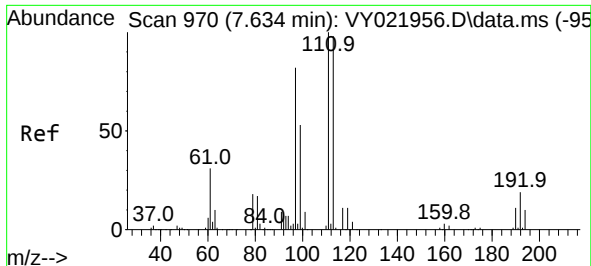
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.4

88 14.9 0.0 28.2

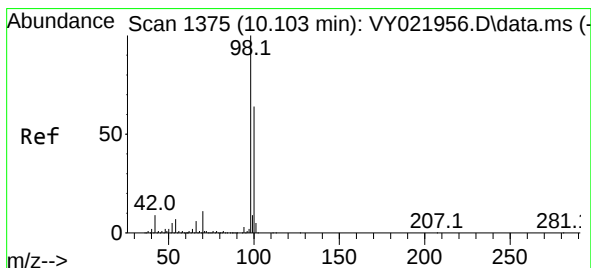
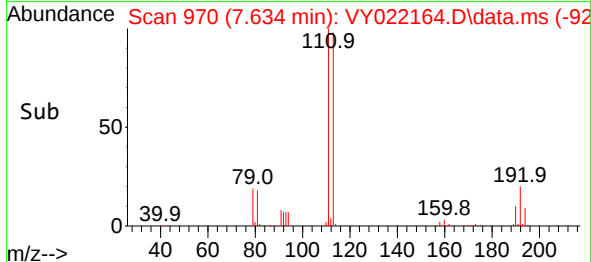
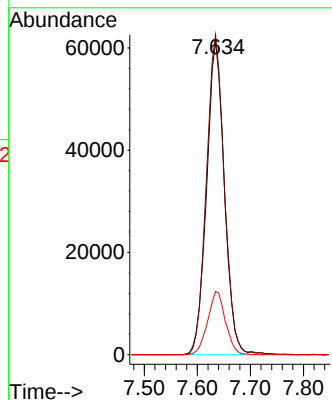
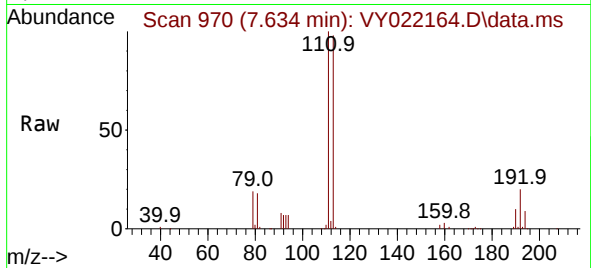




#35
Dibromofluoromethane
Concen: 51.204 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

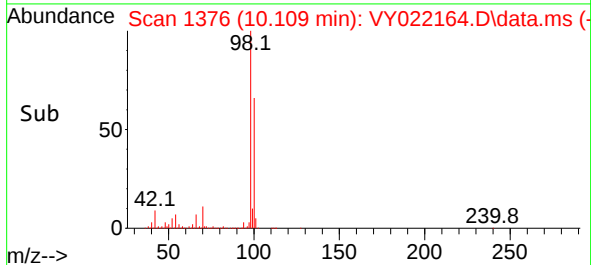
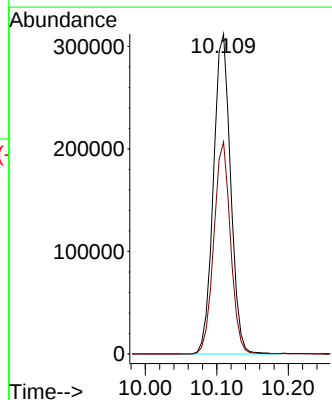
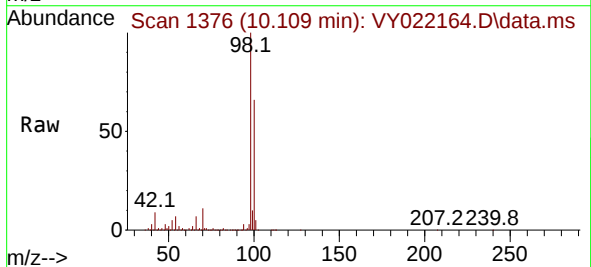
Instrument :
MSVOA_Y
ClientSampleId :
SB91-3-4

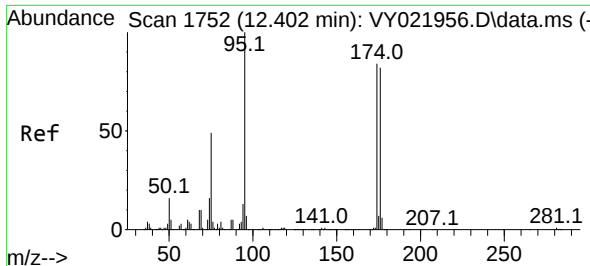
Tgt Ion:113 Resp: 143007
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 20.2 15.6 23.4



#50
Toluene-d8
Concen: 49.377 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

Tgt Ion: 98 Resp: 519895
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

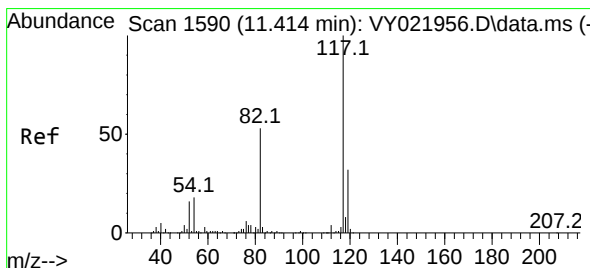
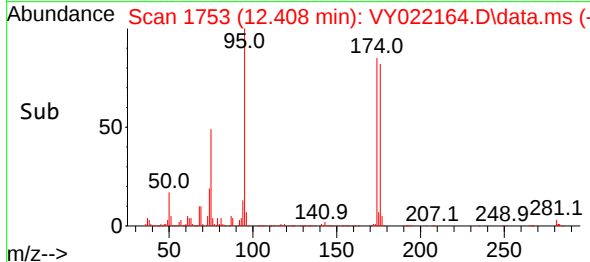
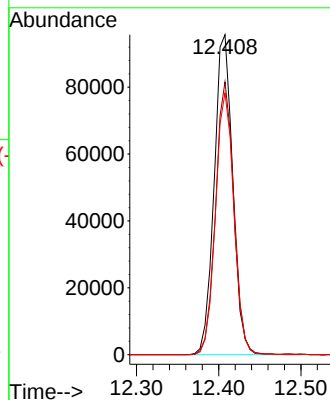
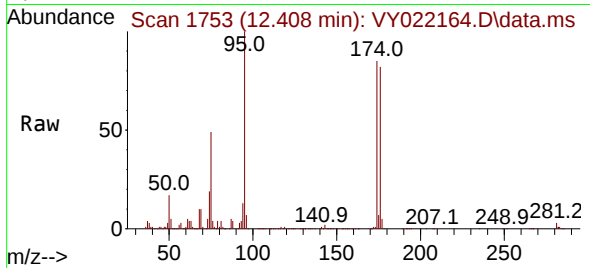




#62
4-Bromofluorobenzene
Concen: 42.342 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

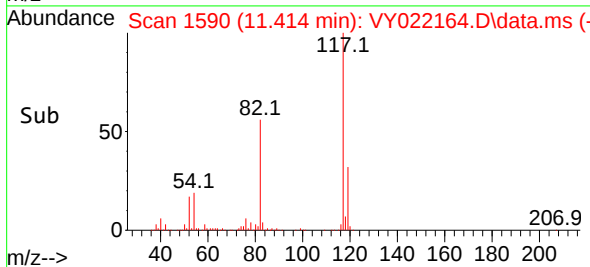
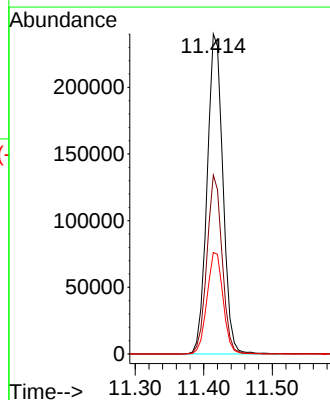
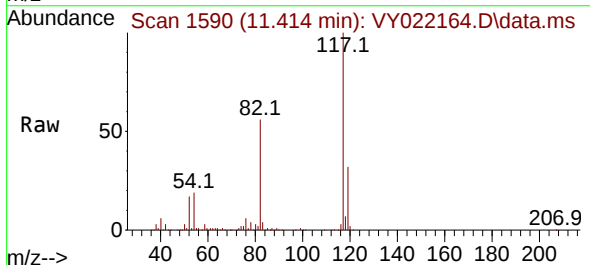
Instrument :
MSVOA_Y
ClientSampleId :
SB91-3-4

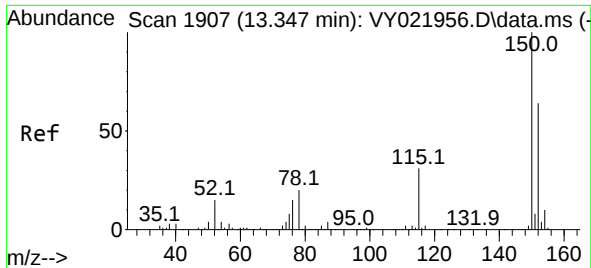
Tgt Ion: 95 Resp: 150082
Ion Ratio Lower Upper
95 100
174 84.4 0.0 179.0
176 81.0 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022164.D
Acq: 05 May 2025 17:05

Tgt Ion: 117 Resp: 385176
Ion Ratio Lower Upper
117 100
82 55.9 42.1 63.1
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022164.D

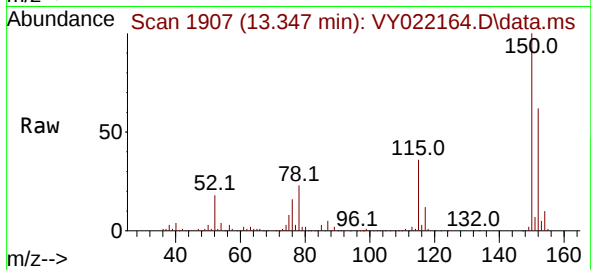
Acq: 05 May 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB91-3-4



Tgt Ion:152 Resp: 143859

Ion Ratio Lower Upper

152 100

115 57.9 28.0 84.0

150 157.9 0.0 345.6

