

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021295.D
 Acq On : 21 Feb 2025 18:54
 Operator : SY/MD
 Sample : Q1382-17
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-09-021725

Quant Time: Feb 21 23:11:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

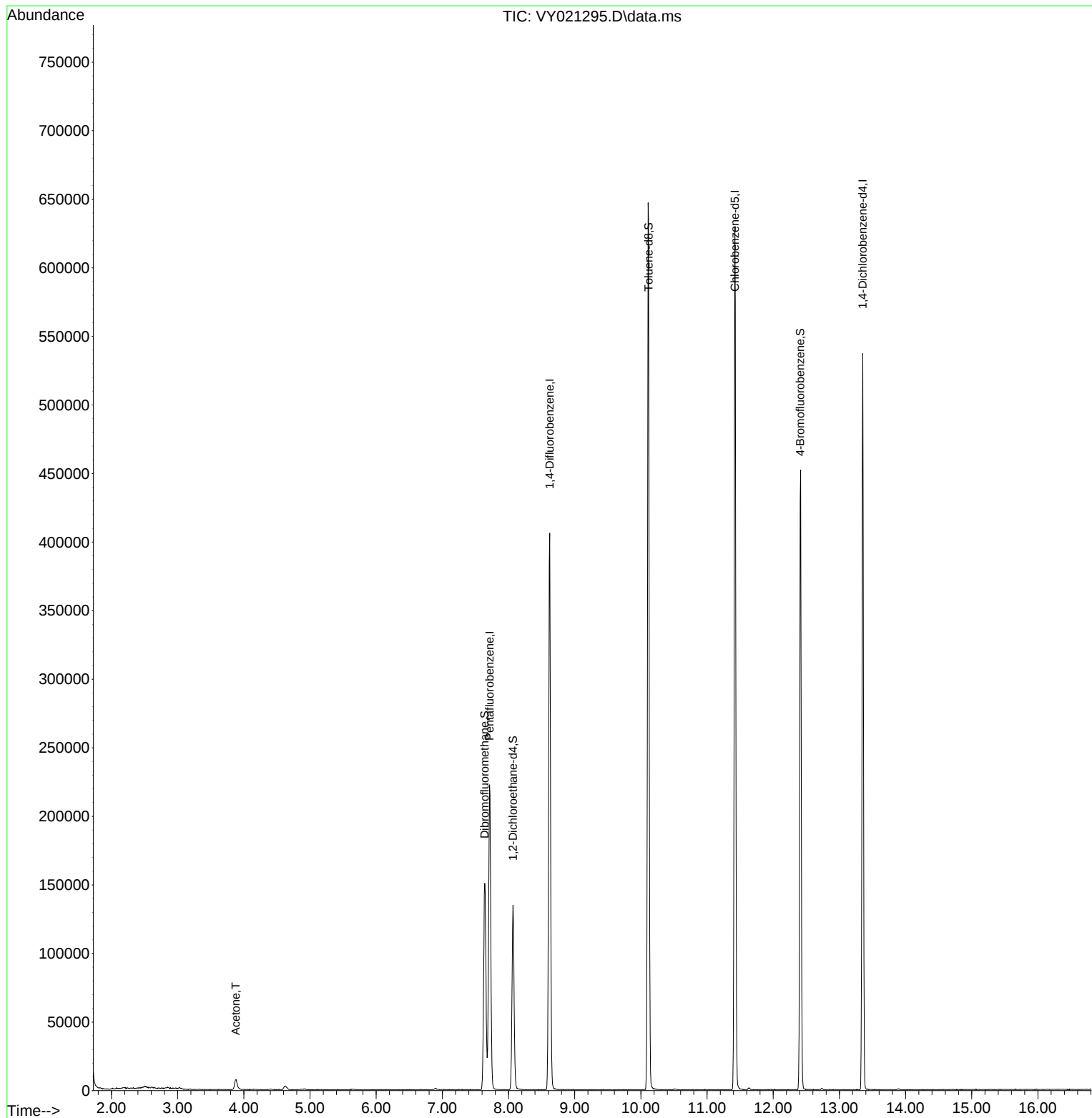
Internal Standards						
1) Pentafluorobenzene	7.713	168	166279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	325364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	310511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	124714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104908	61.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.640	113	106148	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.115	98	406614	51.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.408	95	129983	50.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	
Target Compounds						
16) Acetone	3.879	43	13970	52.582	ug/l	Qvalue # 88

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

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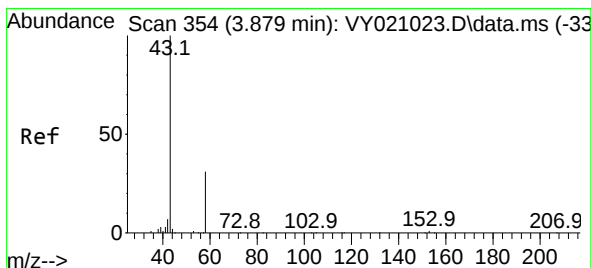
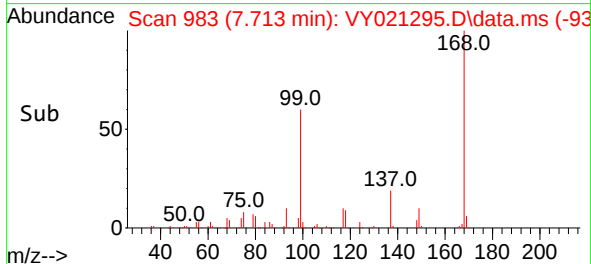
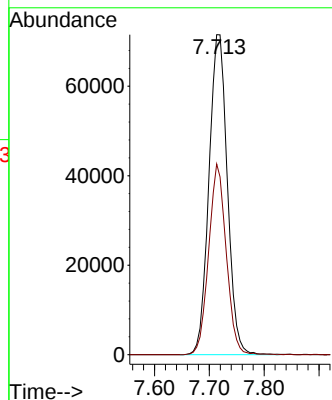
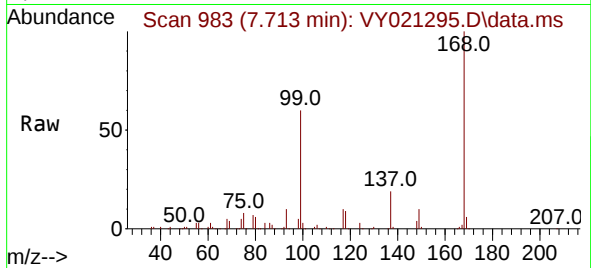




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

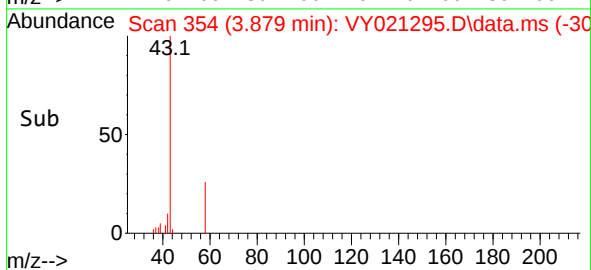
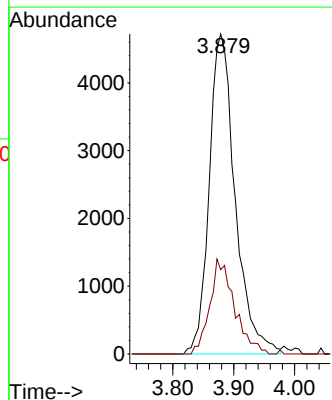
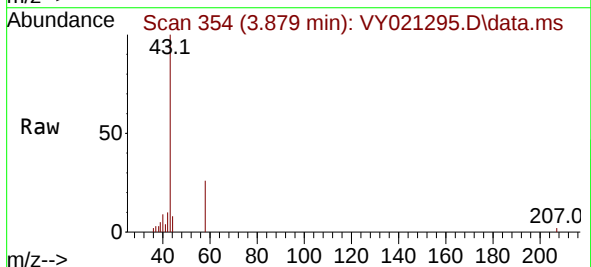
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

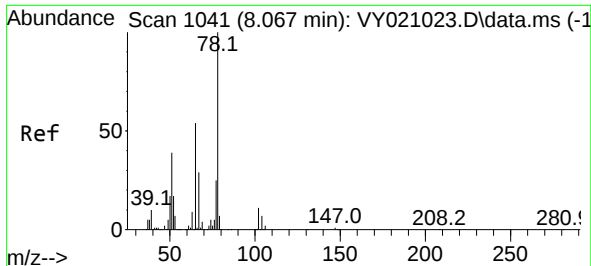
Tgt Ion:168 Resp: 166279
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#16
Acetone
Concen: 52.582 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 43 Resp: 13970
Ion Ratio Lower Upper
43 100
58 26.3 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 61.578 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

Instrument :

MSVOA_Y

ClientSampleId :

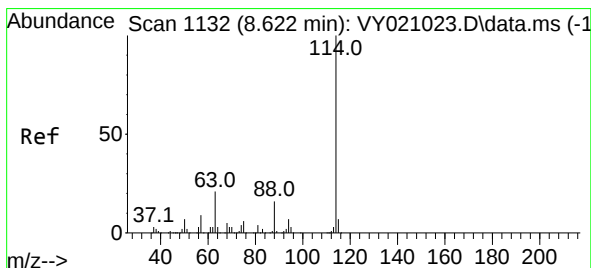
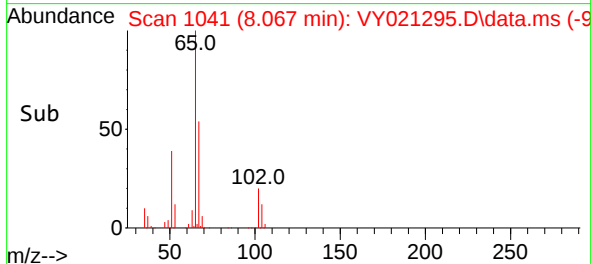
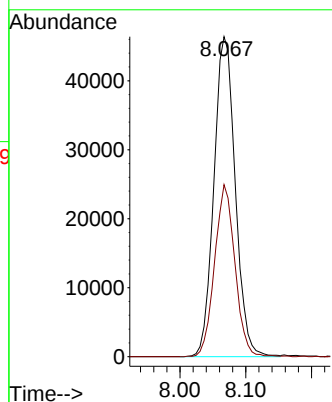
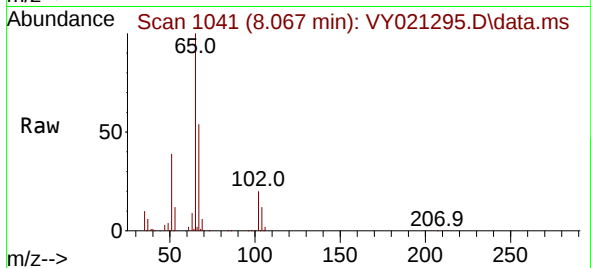
OU4-PCS-TC-09-021725

Tgt Ion: 65 Resp: 104908

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

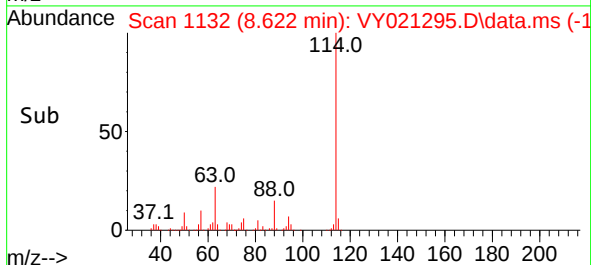
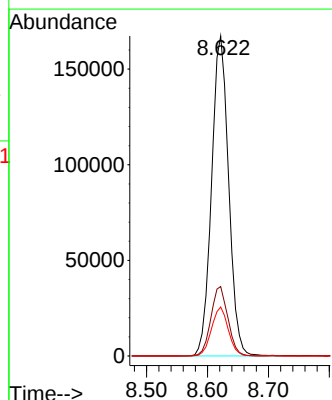
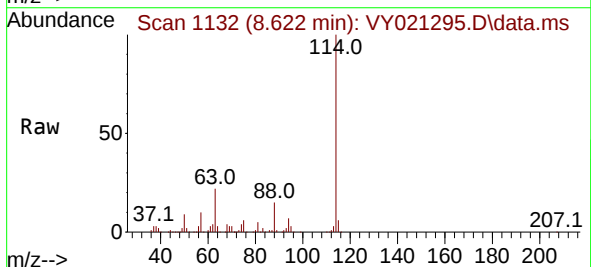
Tgt Ion: 114 Resp: 325364

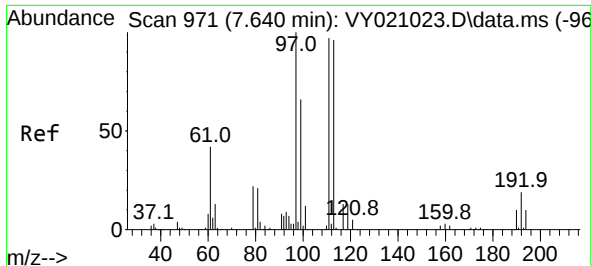
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.3 0.0 29.0

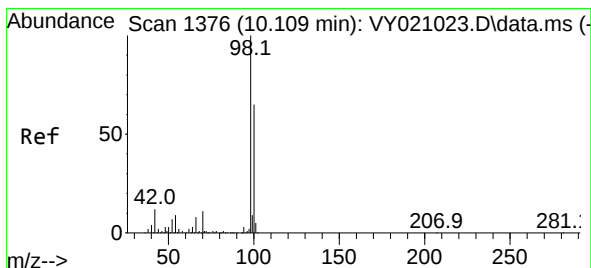
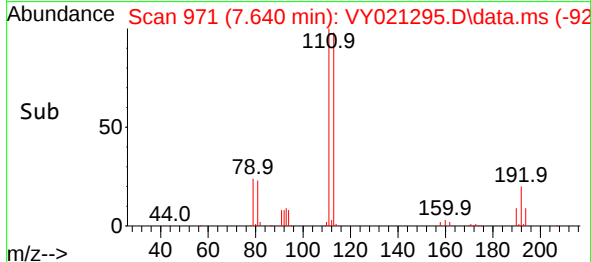
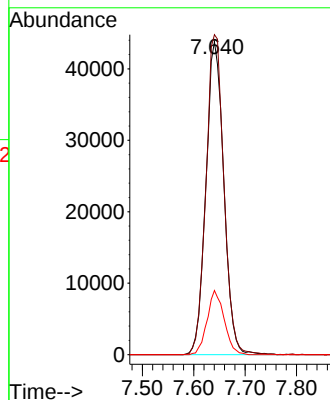
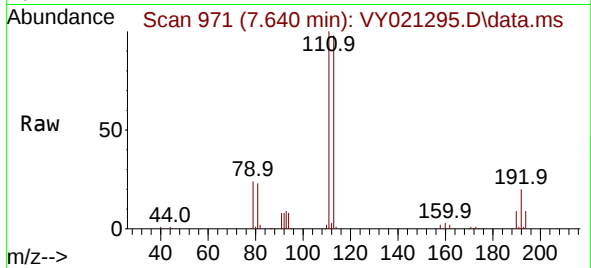




#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

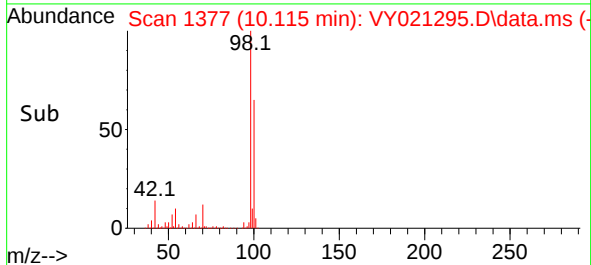
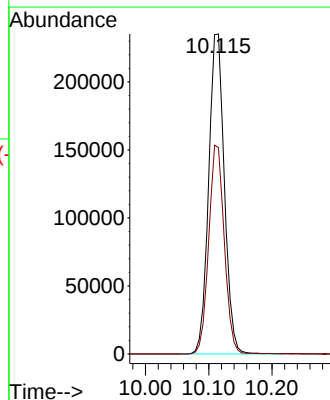
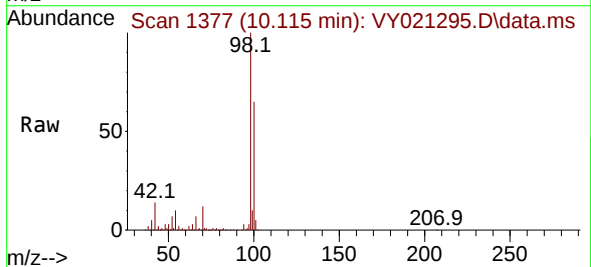
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

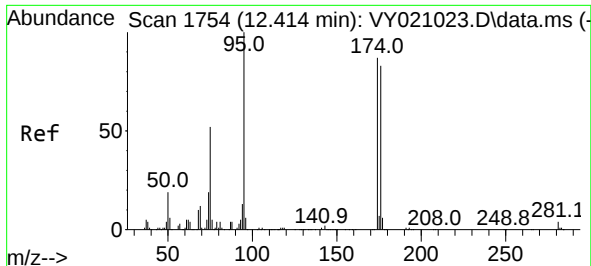
Tgt Ion:113 Resp: 106148
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 19.6 14.5 21.7



#50
Toluene-d8
Concen: 51.222 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 98 Resp: 406614
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 50.121 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-09-021725

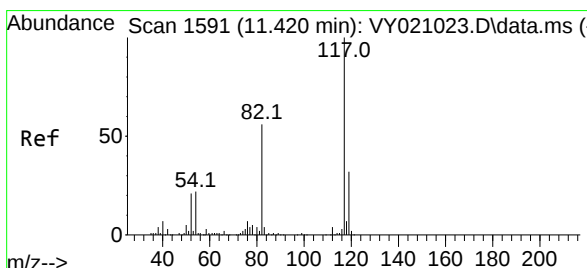
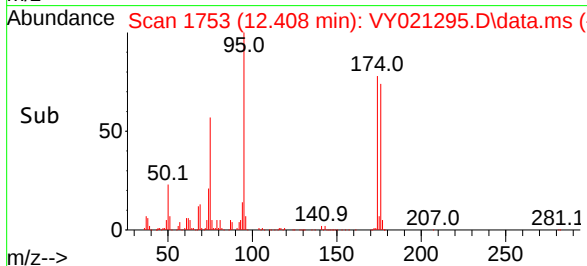
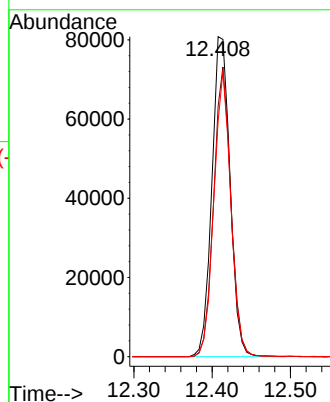
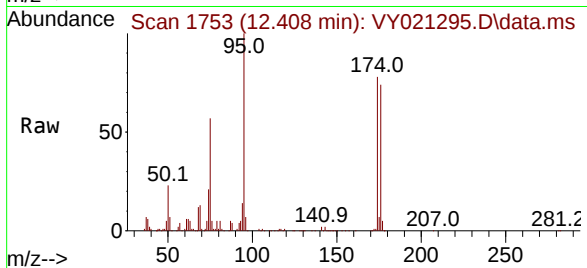
Tgt Ion: 95 Resp: 129983

Ion Ratio Lower Upper

95 100

174 86.0 0.0 160.0

176 83.1 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

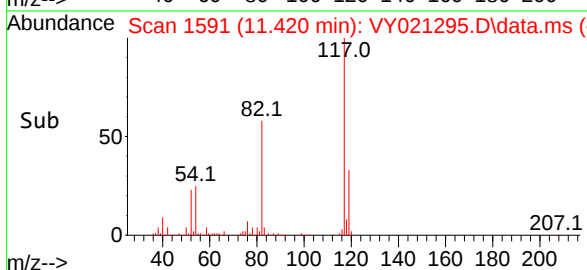
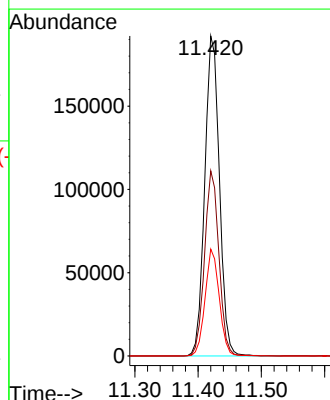
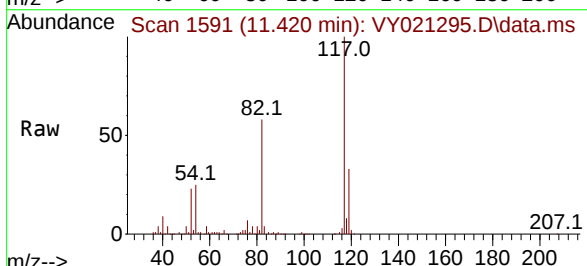
Tgt Ion: 117 Resp: 310511

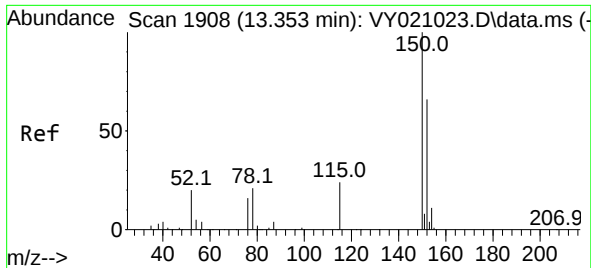
Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.8

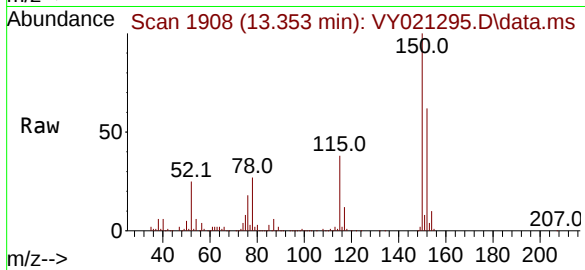
119 33.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021295.D
 Acq: 21 Feb 2025 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-09-021725



Tgt Ion:152 Resp: 124714
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.0 90.0
 150 158.0 0.0 344.6

