

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021241.D
 Acq On : 19 Feb 2025 16:59
 Operator : SY/MD
 Sample : Q1380-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727

Quant Time: Feb 20 00:20:28 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)

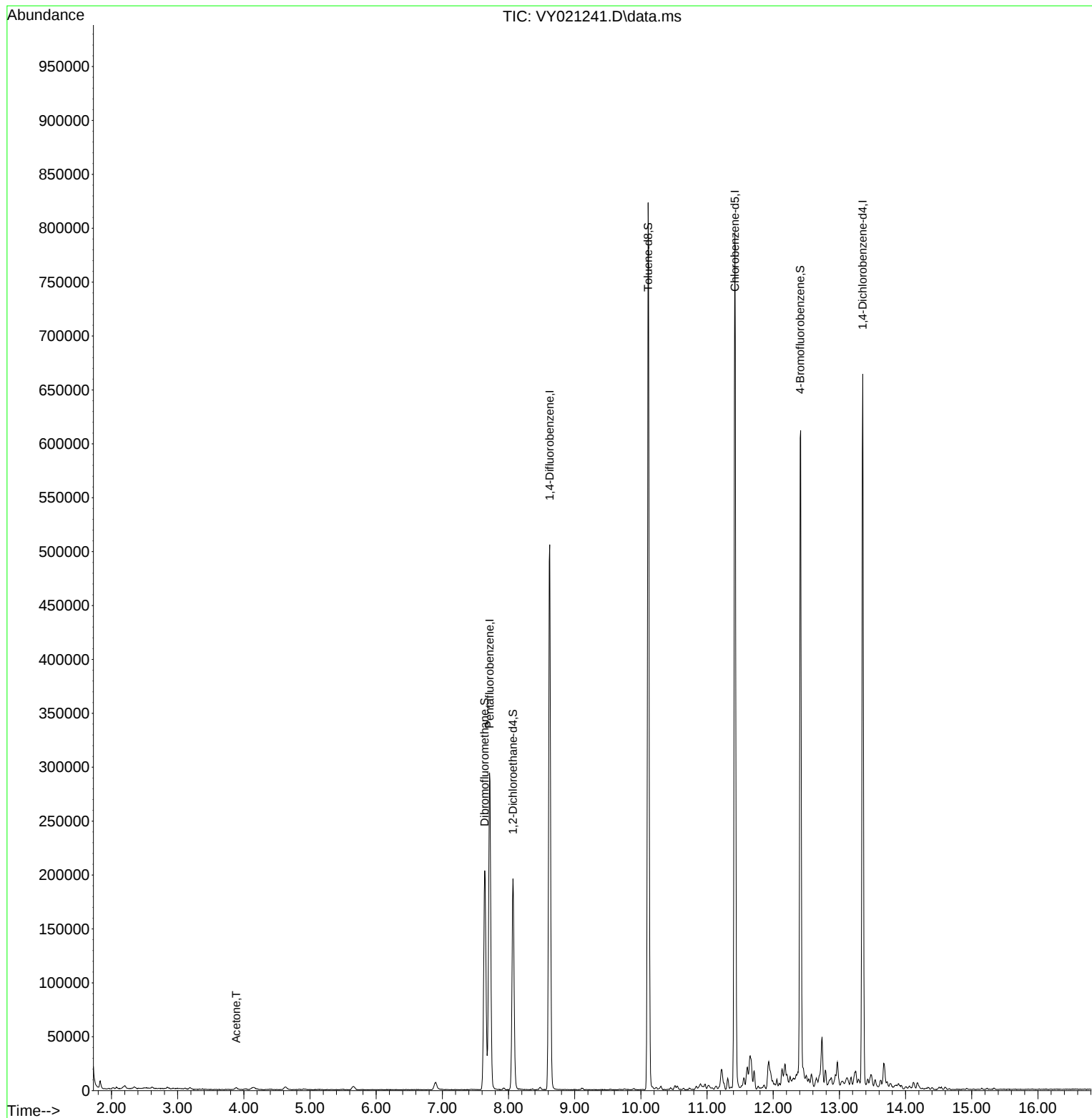
Internal Standards						
1) Pentafluorobenzene	7.713	168	223938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	424683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	405408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152740	66.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.140%	
35) Dibromofluoromethane	7.640	113	145077	53.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.109	98	520865	50.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.408	95	181908	53.739	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.480%	
Target Compounds						
16) Acetone	3.885	43	3459	9.667	ug/l	Qvalue # 83

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

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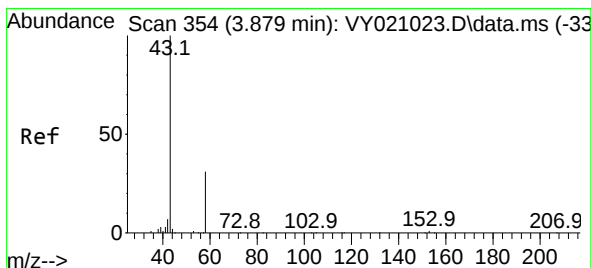
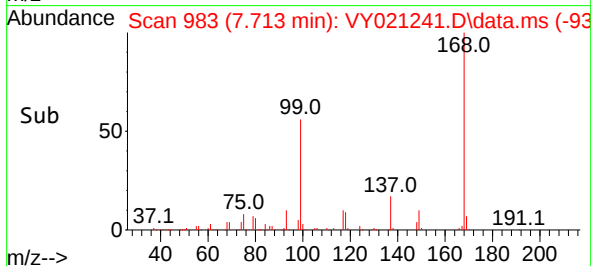
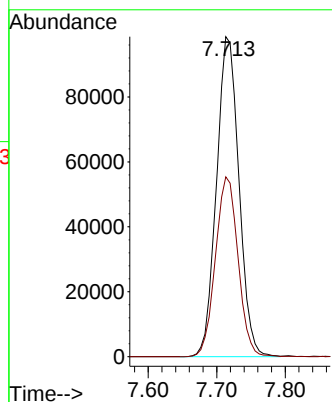
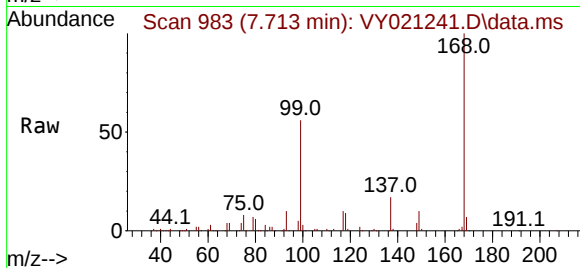




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

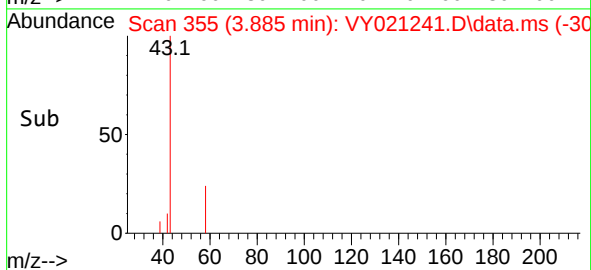
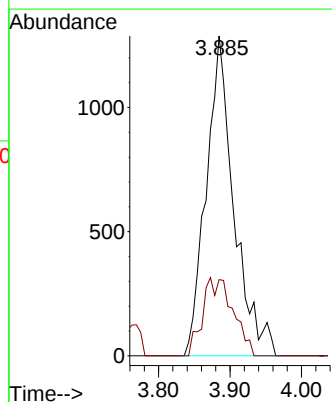
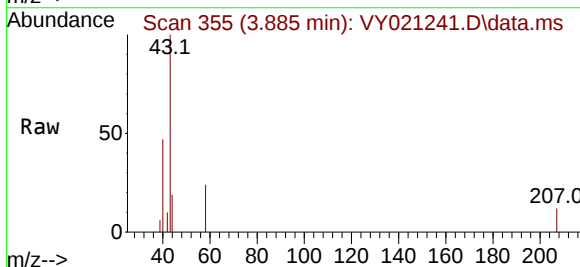
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

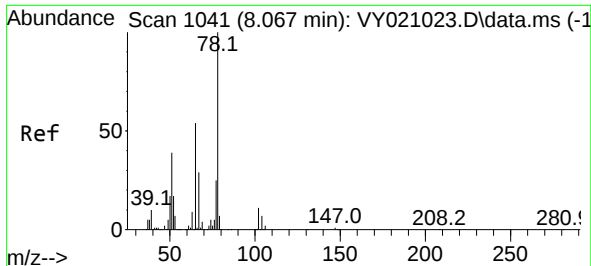
Tgt Ion:168 Resp: 223938
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#16
Acetone
Concen: 9.667 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
58 23.8 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 66.570 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

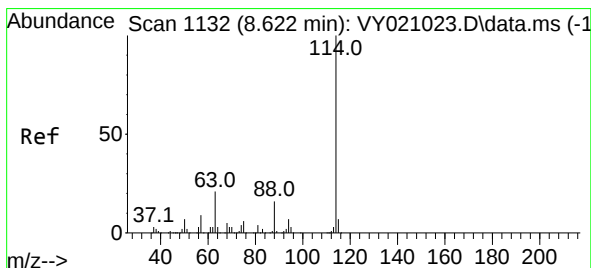
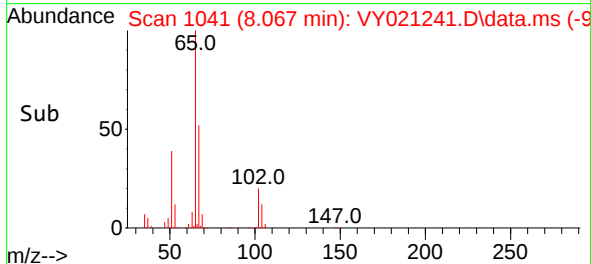
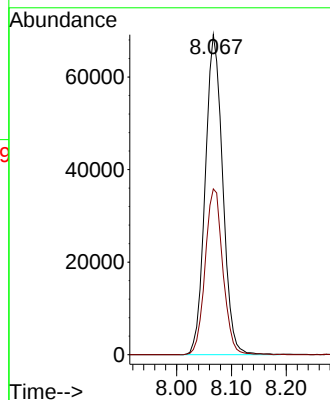
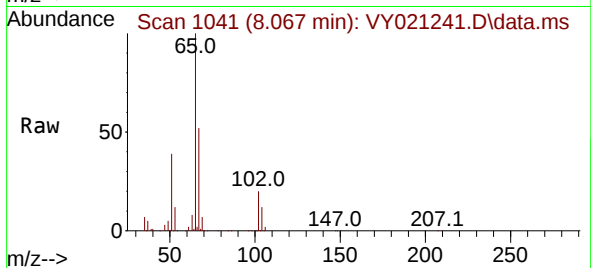
BP-VPB-192-GW-725-727

Tgt Ion: 65 Resp: 152740

Ion Ratio Lower Upper

65 100

67 52.3 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: VY021241.D

Acq: 19 Feb 2025 16:59

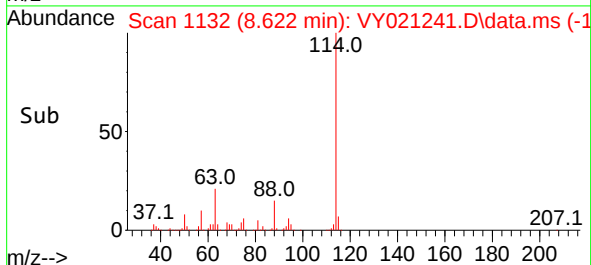
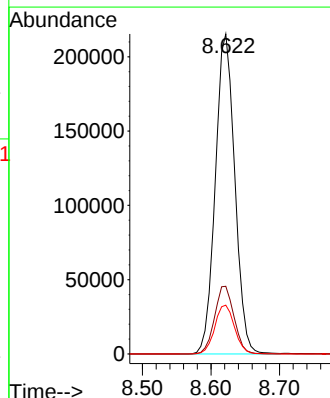
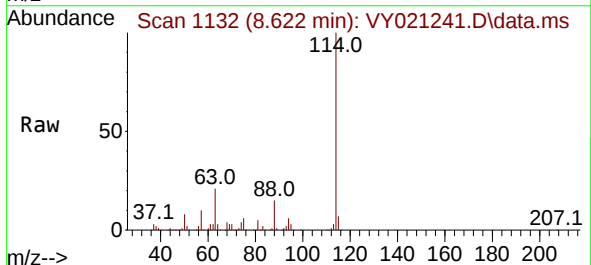
Tgt Ion: 114 Resp: 424683

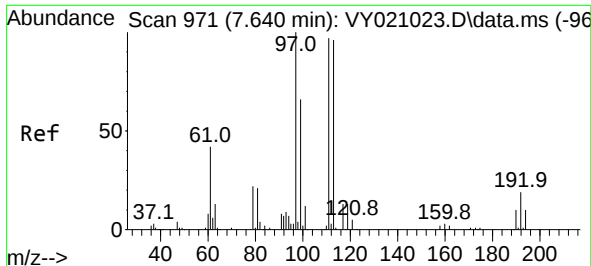
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.3 0.0 29.0

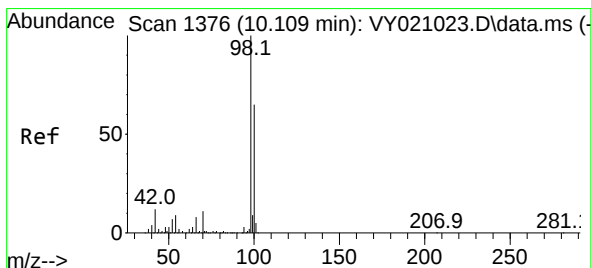
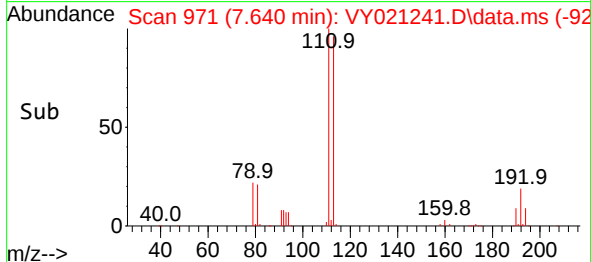
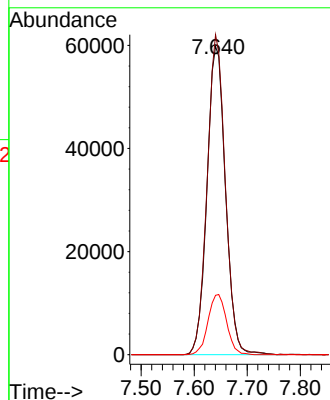
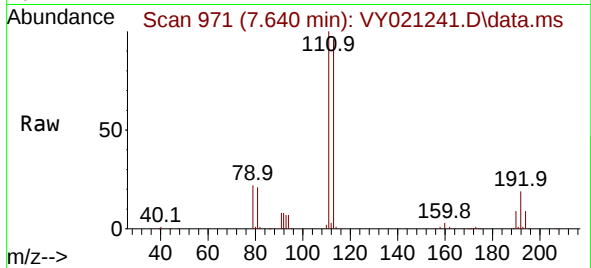




#35
Dibromofluoromethane
Concen: 53.305 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

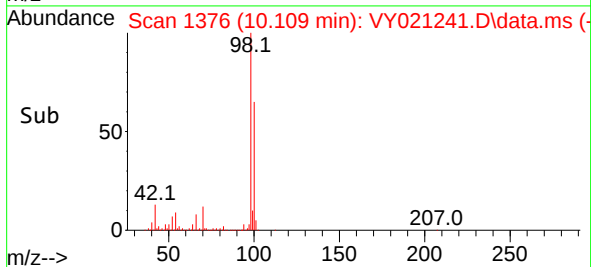
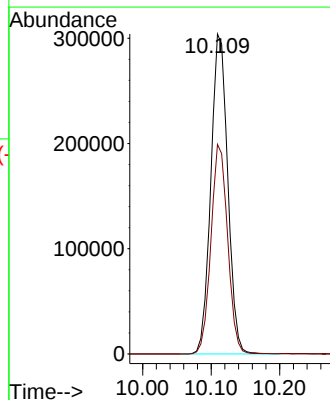
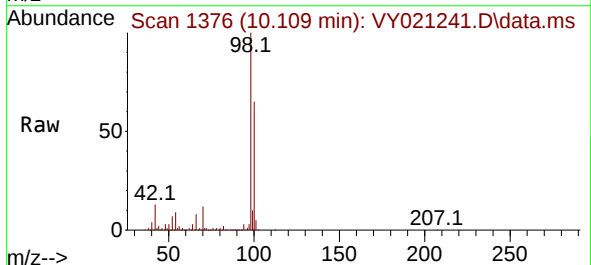
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

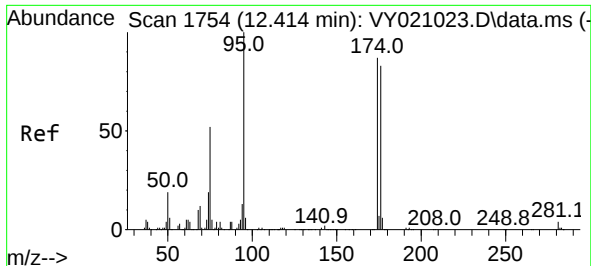
Tgt Ion:113 Resp: 145077
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.6 14.5 21.7



#50
Toluene-d8
Concen: 50.269 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 98 Resp: 520865
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 53.739 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727

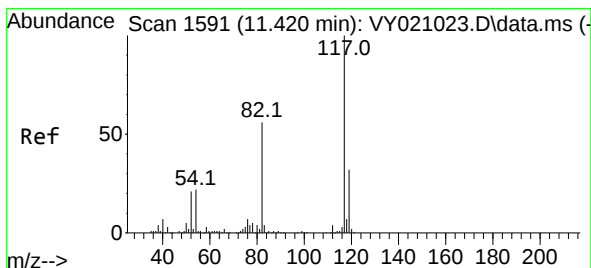
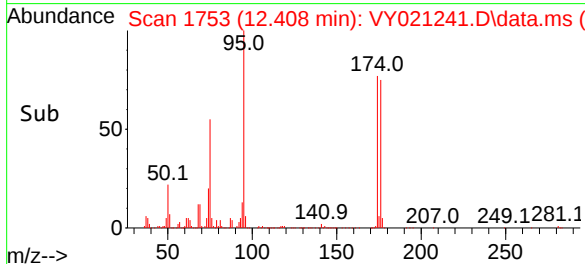
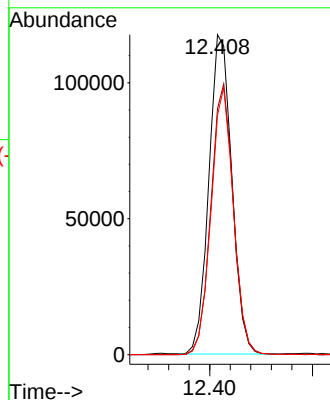
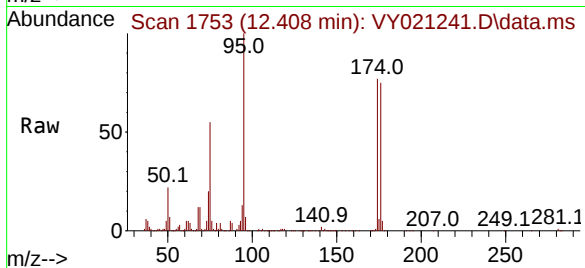
Tgt Ion: 95 Resp: 181908

Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.0

176 81.5 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: VY021241.D

Acq: 19 Feb 2025 16:59

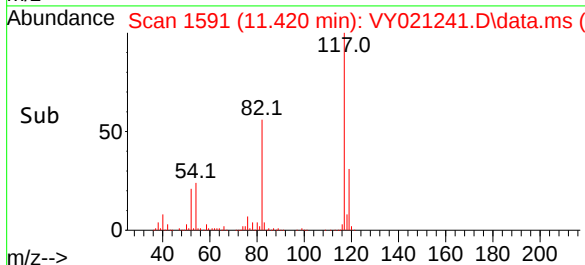
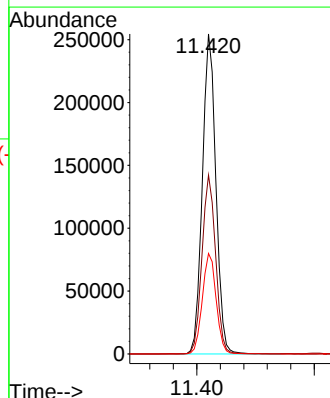
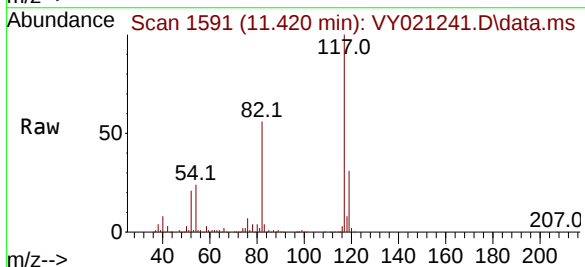
Tgt Ion: 117 Resp: 405408

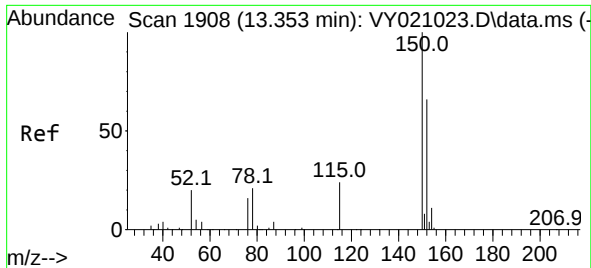
Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

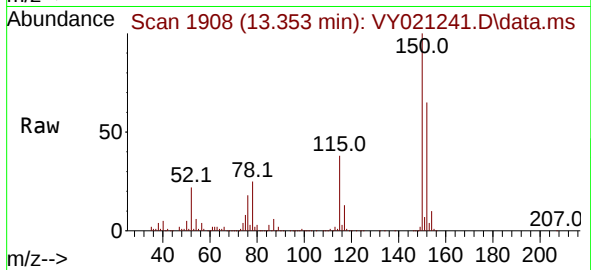
119 31.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021241.D
 Acq: 19 Feb 2025 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727



Tgt Ion:	152	Resp:	161420
Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.0
150	155.1	0.0	344.6

