

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021586.D
 Acq On : 20 Mar 2025 16:45
 Operator : SY/MD
 Sample : Q1607-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-031925

Quant Time: Mar 21 01:34:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

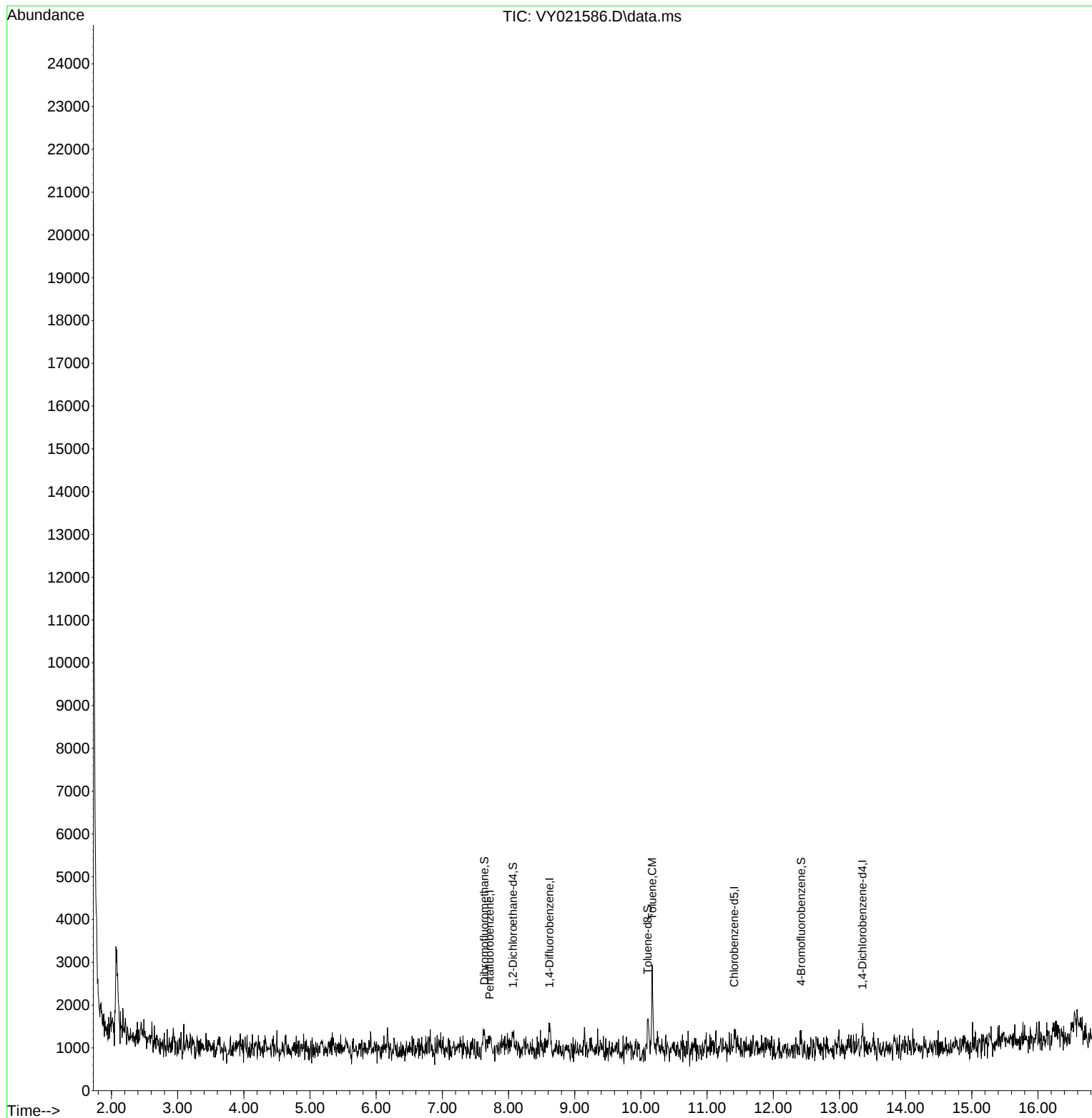
Internal Standards						
1) Pentafluorobenzene	7.713	168	392	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	302	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	198	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	427	103.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.120%#	
35) Dibromofluoromethane	7.634	113	329	65.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.860%	
50) Toluene-d8	10.103	98	591	31.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 62.080%	
62) 4-Bromofluorobenzene	12.420	95	178	27.484	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.960%	
Target Compounds						
52) Toluene	10.170	92	743	50.827	ug/l	Qvalue 100

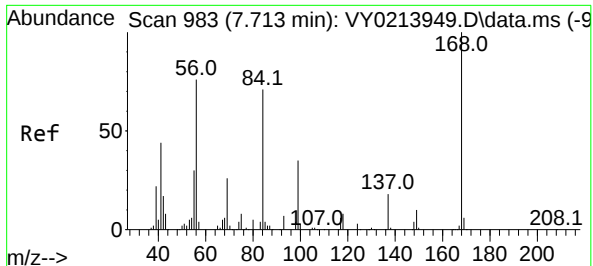
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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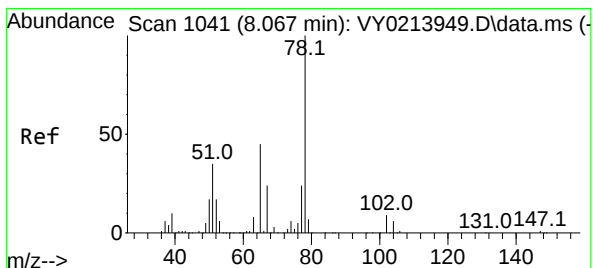
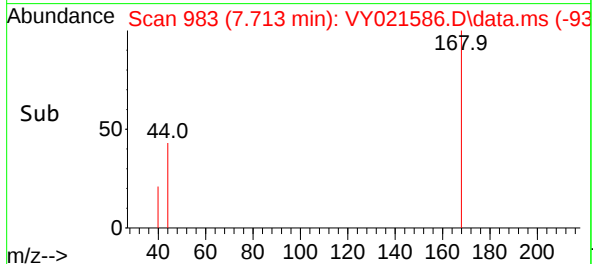
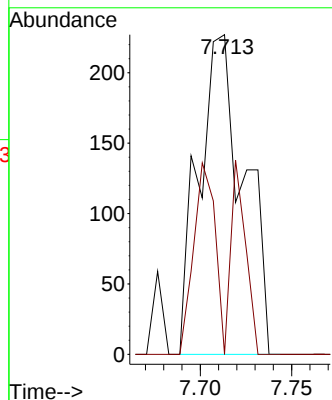
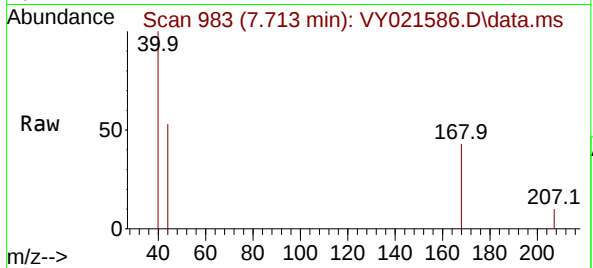




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021586.D
Acq: 20 Mar 2025 16:45

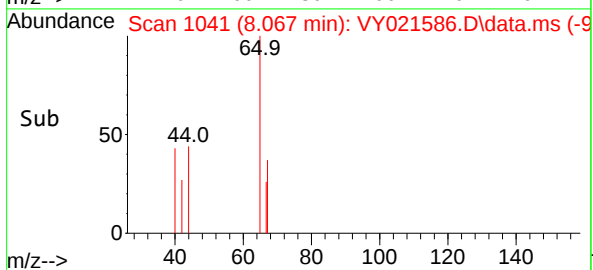
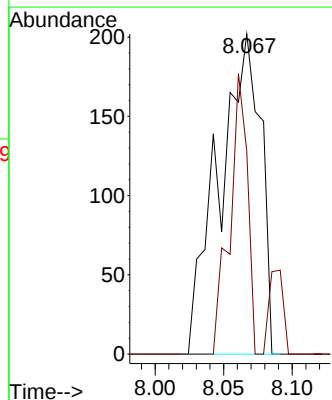
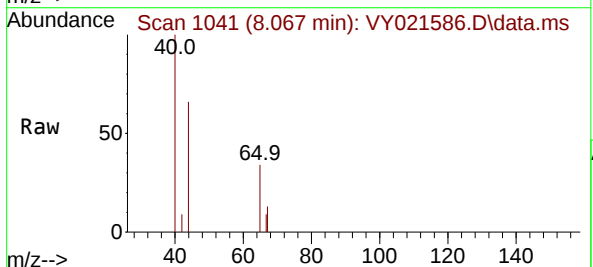
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031925

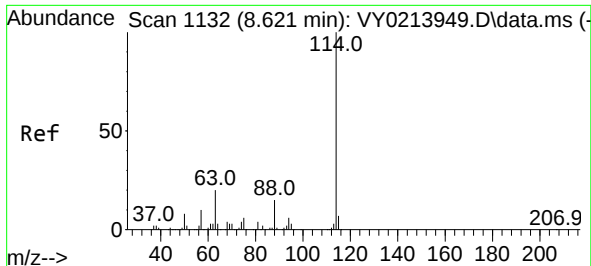
Tgt Ion:168 Resp: 392
Ion Ratio Lower Upper
168 100
99 0.0 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 103.060 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021586.D
Acq: 20 Mar 2025 16:45

Tgt Ion: 65 Resp: 427
Ion Ratio Lower Upper
65 100
67 37.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021586.D

Acq: 20 Mar 2025 16:45

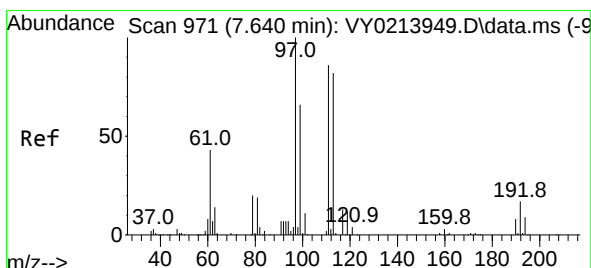
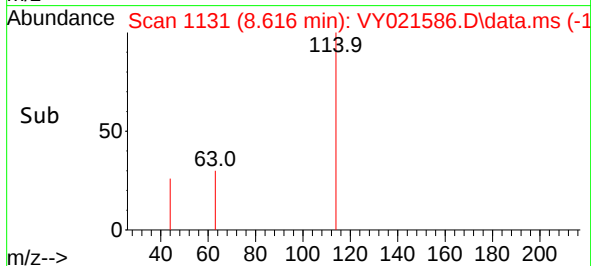
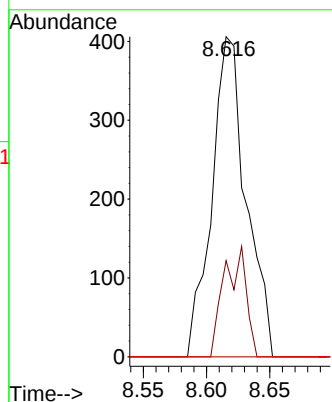
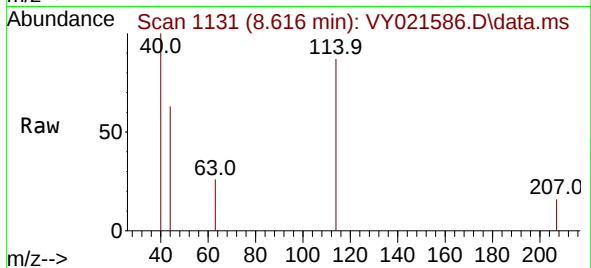
Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031925

Tgt Ion:114	Resp:	765
Ion	Ratio	Lower Upper
114	100	
63	30.0	0.0 40.8
88	0.0	0.0 30.8



#35

Dibromofluoromethane

Concen: 65.428 ug/l

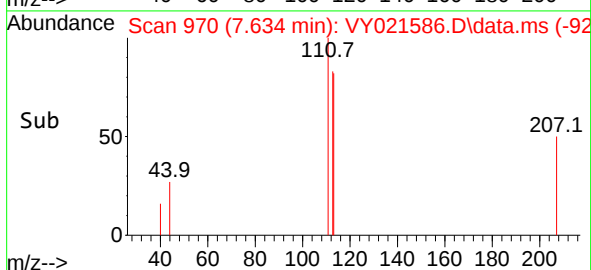
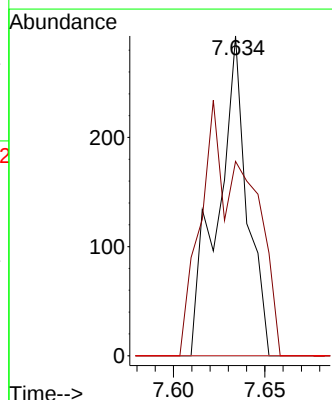
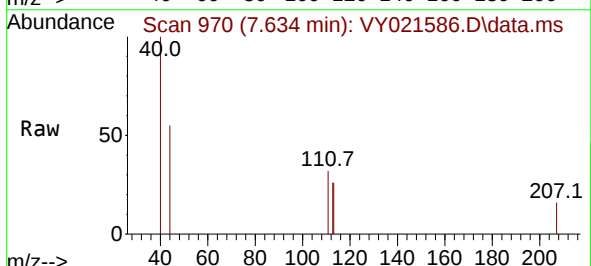
RT: 7.634 min Scan# 970

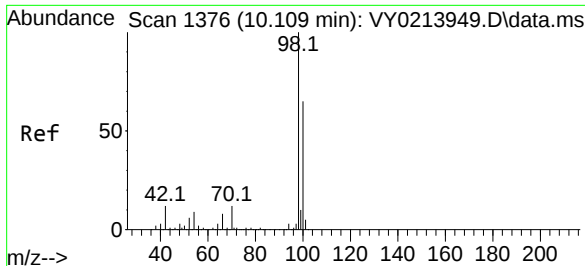
Delta R.T. -0.006 min

Lab File: VY021586.D

Acq: 20 Mar 2025 16:45

Tgt Ion:113	Resp:	329
Ion	Ratio	Lower Upper
113	100	
111	128.3	82.0 123.0#
192	0.0	15.9 23.9#

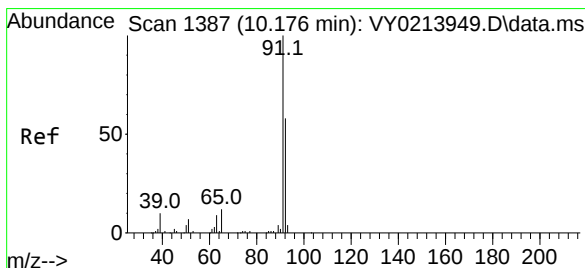
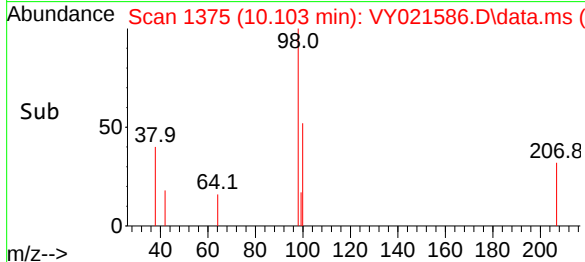
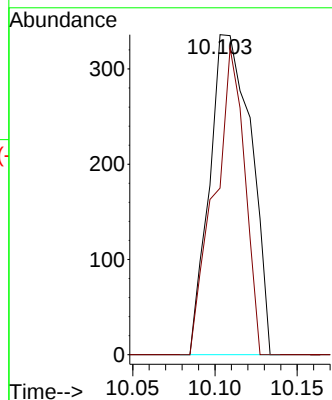
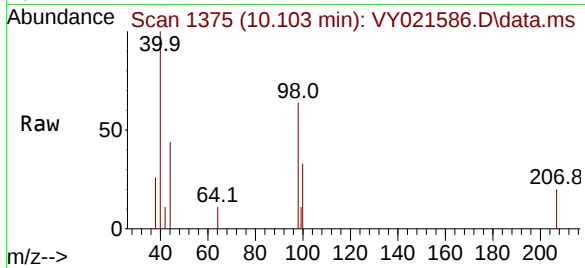




#50
Toluene-d8
Concen: 31.041 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021586.D
Acq: 20 Mar 2025 16:45

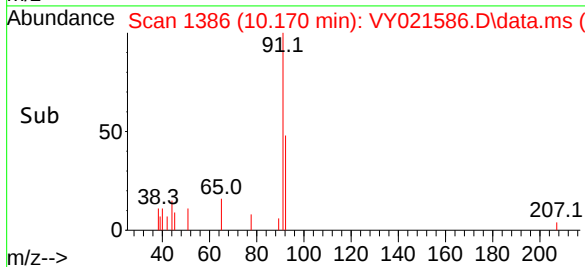
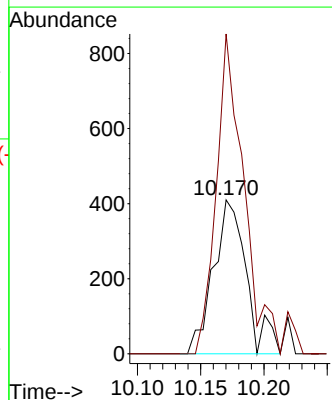
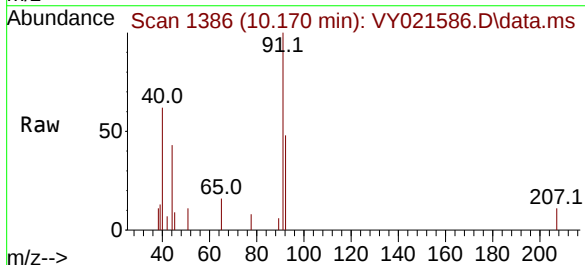
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031925

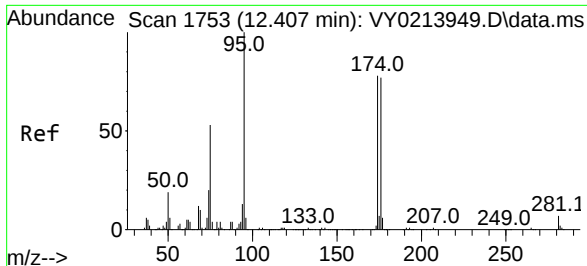
Tgt Ion: 98 Resp: 591
Ion Ratio Lower Upper
98 100
100 69.7 52.1 78.1



#52
Toluene
Concen: 50.827 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021586.D
Acq: 20 Mar 2025 16:45

Tgt Ion: 92 Resp: 743
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.2





#62

4-Bromofluorobenzene

Concen: 27.484 ug/l

RT: 12.420 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021586.D

Acq: 20 Mar 2025 16:45

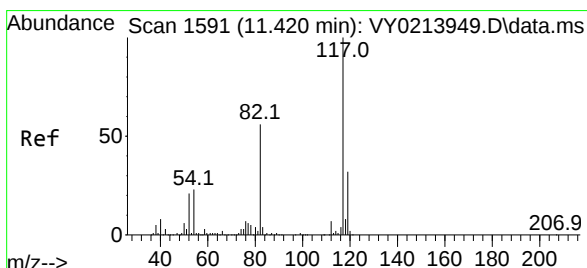
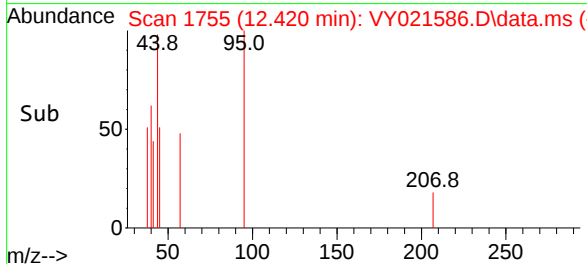
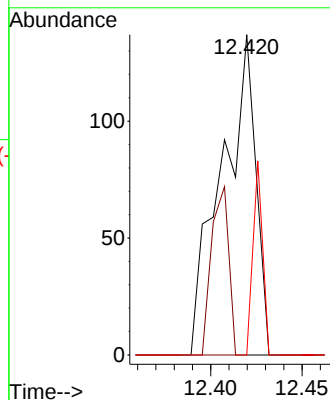
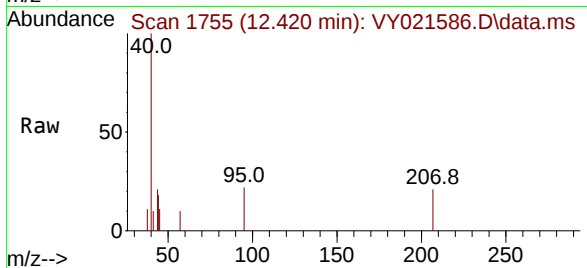
Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031925

Tgt Ion: 95	Resp:	178
Ion Ratio	Lower	Upper
95	100	
174	26.4	0.0 165.0
176	16.9	0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

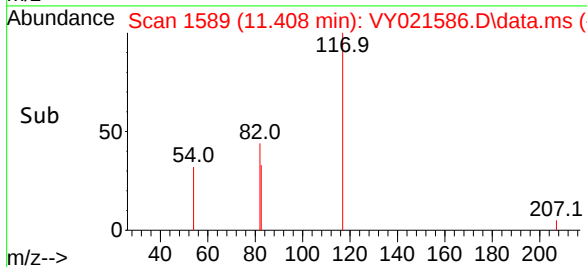
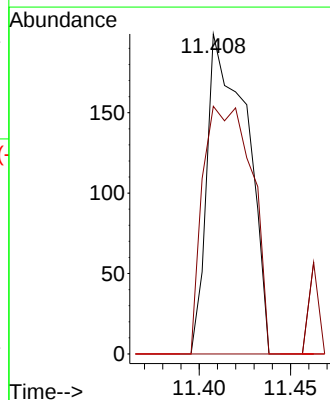
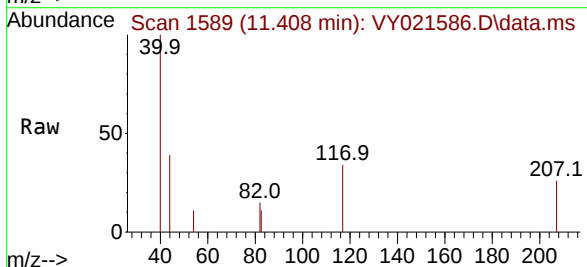
RT: 11.408 min Scan# 1589

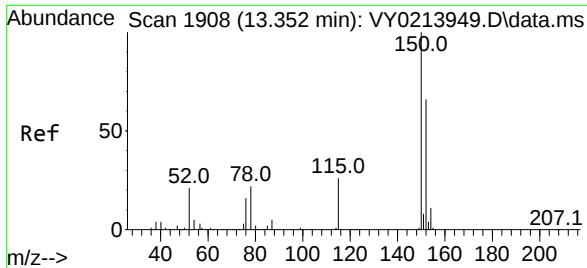
Delta R.T. -0.012 min

Lab File: VY021586.D

Acq: 20 Mar 2025 16:45

Tgt Ion: 117	Resp:	302
Ion Ratio	Lower	Upper
117	100	
82	77.4	44.6 67.0#
119	0.0	25.4 38.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021586.D

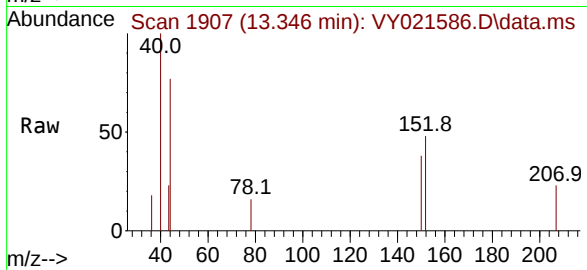
Acq: 20 Mar 2025 16:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031925



Tgt Ion:152 Resp: 198

Ion Ratio Lower Upper

152 100

115 14.1 29.0 87.0#

150 111.1 0.0 347.2

