

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020835.D
 Acq On : 15 Jan 2025 16:26
 Operator : SY/MD
 Sample : Q1093-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3407RE

Quant Time: Jan 16 00:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

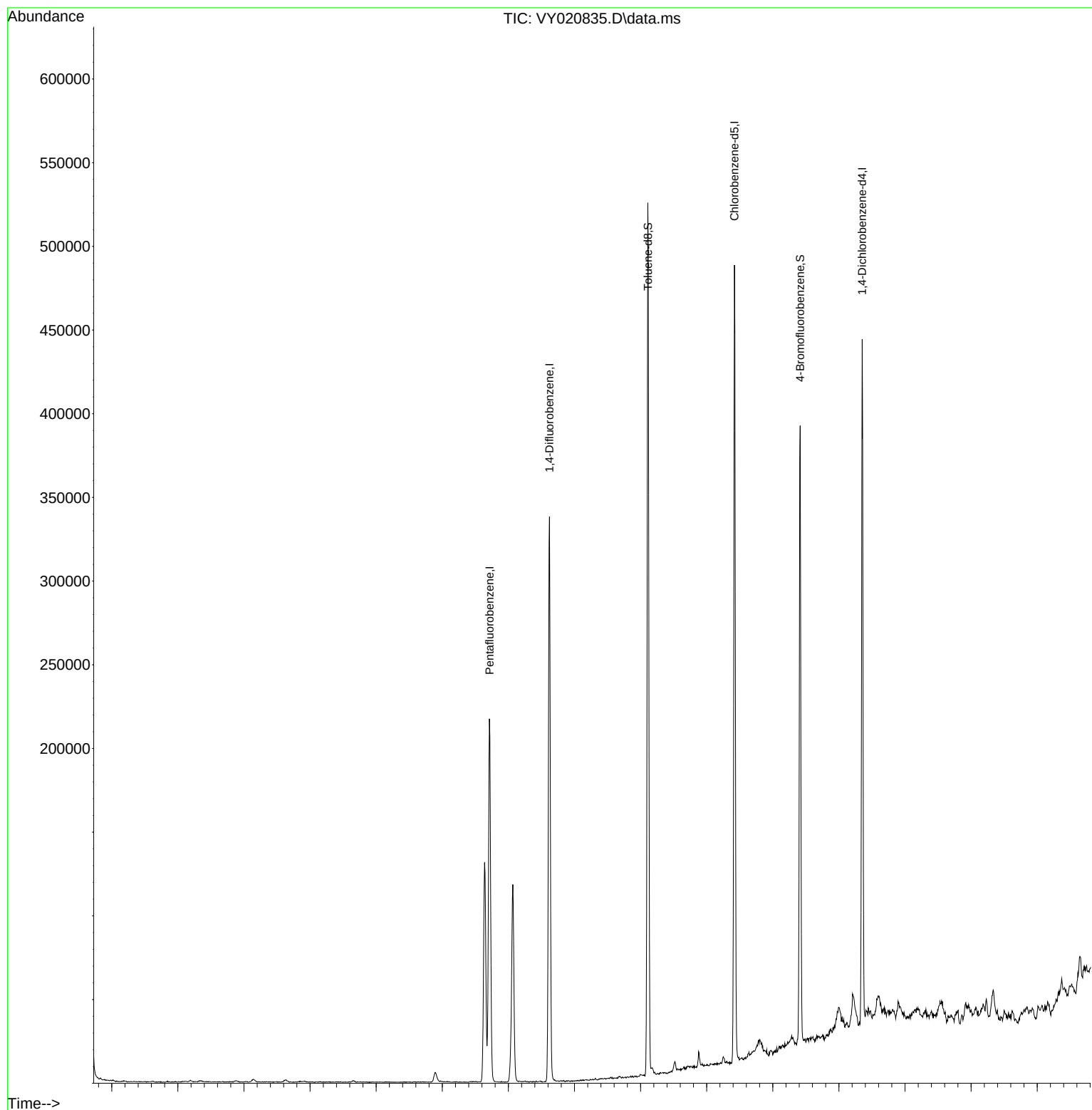
Internal Standards						
1) Pentafluorobenzene	7.713	168	173746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	300571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	108948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	89044	60.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.600%
35) Dibromofluoromethane	7.640	113	94397	50.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.109	98	353505	53.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.414	95	115720	47.737	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.480%
Target Compounds						
16) Acetone	3.879	43	1560	7.429	ug/l	Qvalue # 80

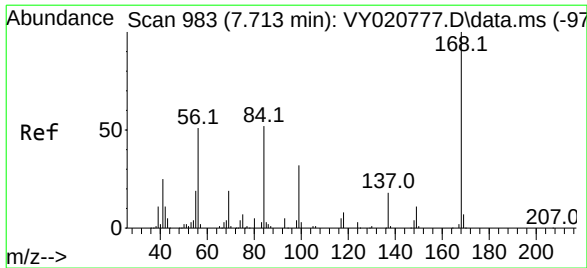
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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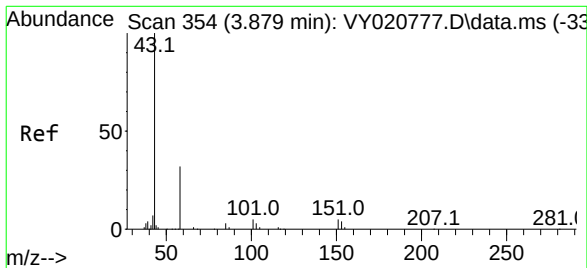
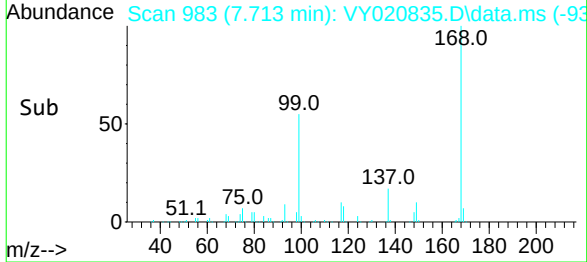
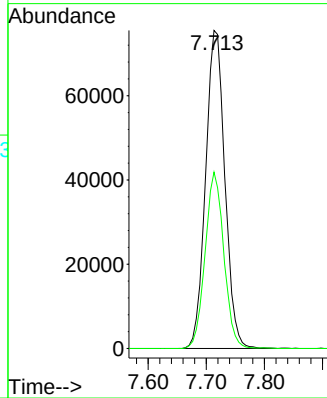
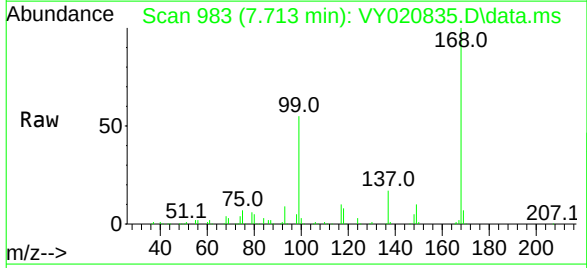




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

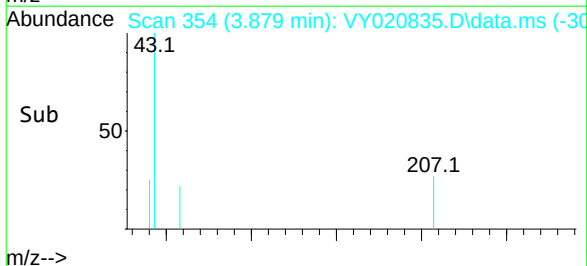
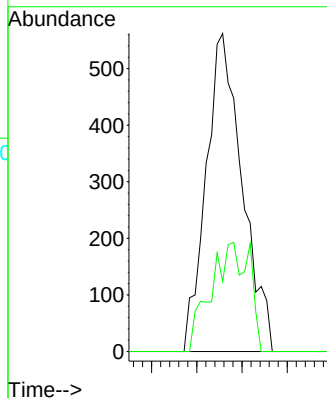
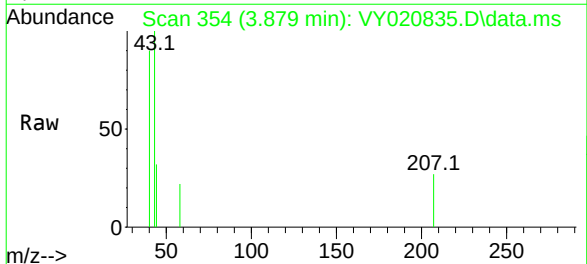
Instrument :
MSVOA_Y
ClientSampleId :
RT-3407RE

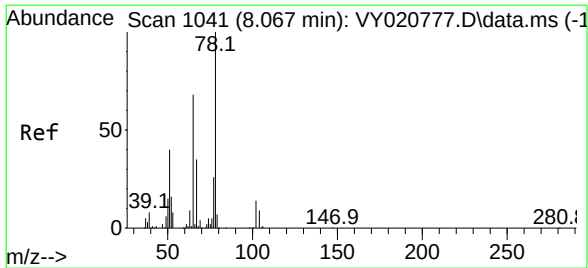
Tgt Ion:168 Resp: 173746
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#16
Acetone
Concen: 7.429 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 22.1 26.7 40.1#

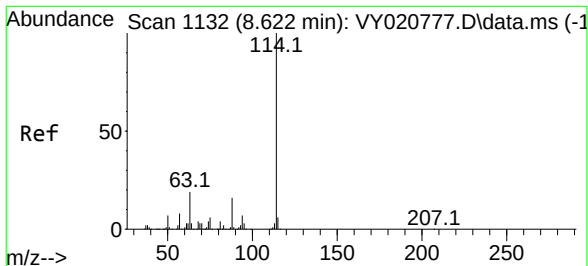
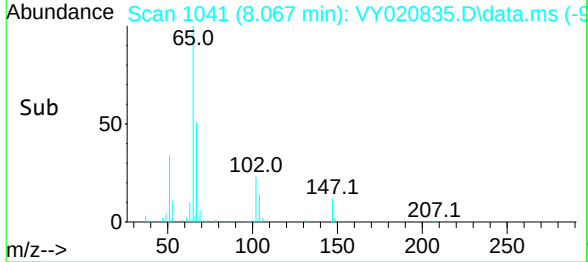
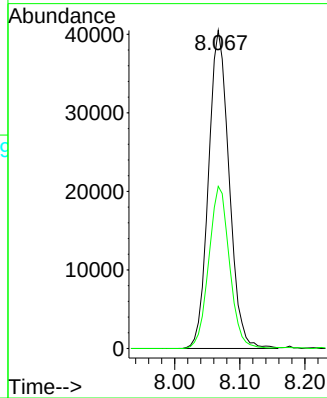
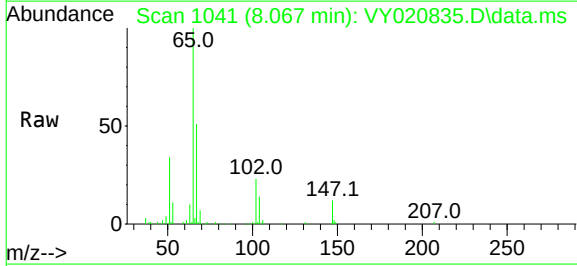




#33
1,2-Dichloroethane-d4
Concen: 60.296 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

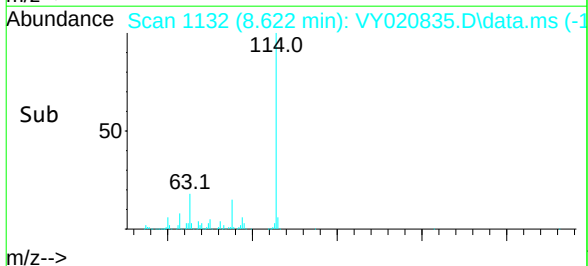
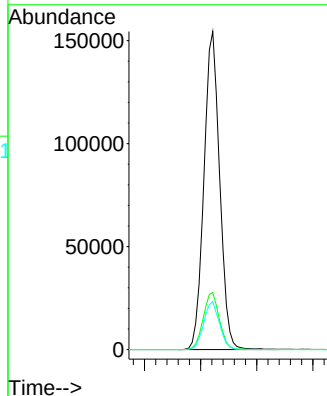
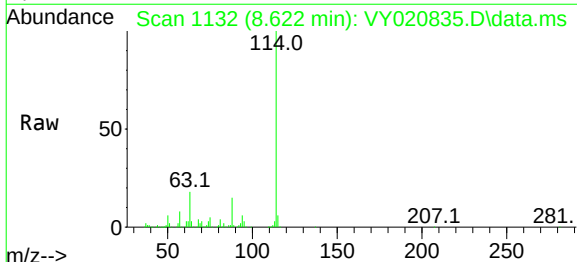
Instrument :
MSVOA_Y
ClientSampleId :
RT-3407RE

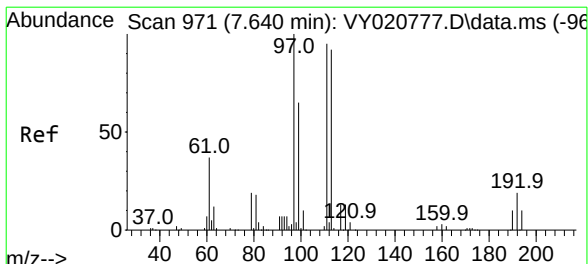
Tgt Ion: 65 Resp: 89044
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Tgt Ion: 114 Resp: 300571
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 15.1 0.0 31.2

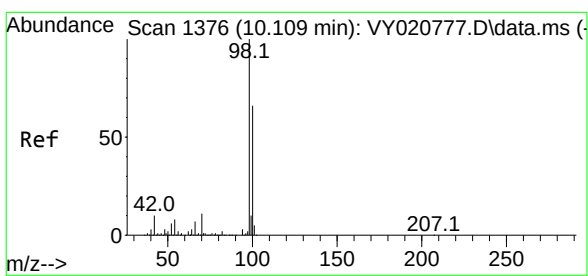
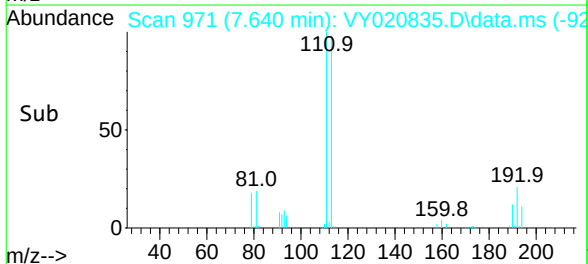
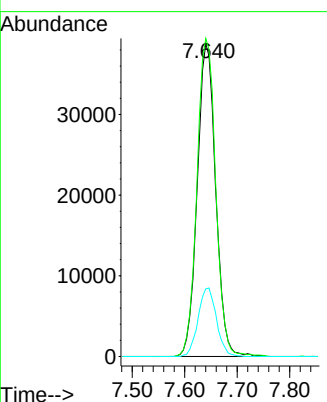
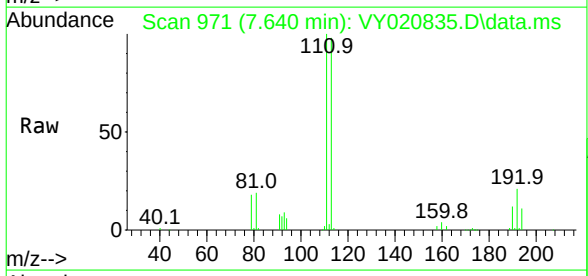




#35
 Dibromofluoromethane
 Concen: 50.130 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VY020835.D
 Acq: 15 Jan 2025 16:26

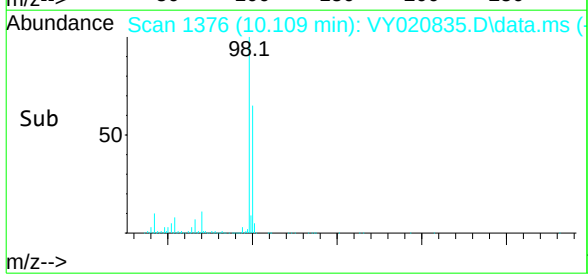
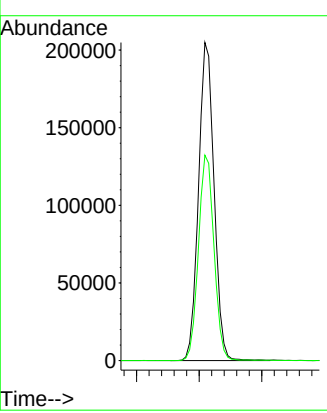
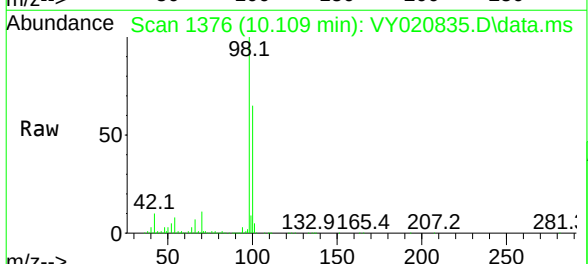
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3407RE

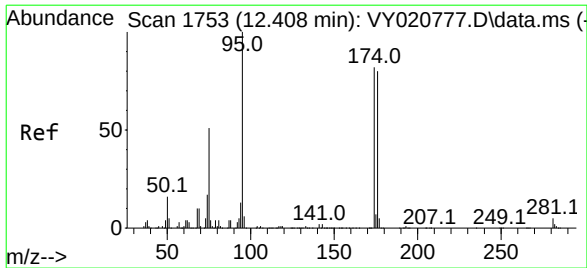
Tgt Ion:	113	Resp:	94397
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.7	122.5
192	21.9	16.7	25.1



#50
 Toluene-d8
 Concen: 53.852 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VY020835.D
 Acq: 15 Jan 2025 16:26

Tgt Ion:	98	Resp:	353505
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.5	78.7





#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 12.414 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

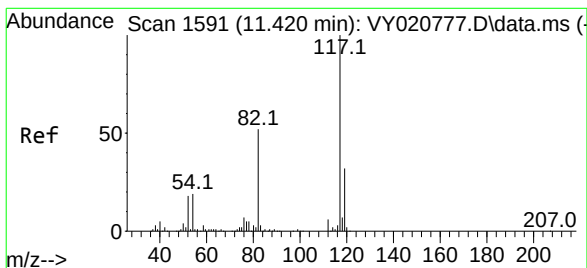
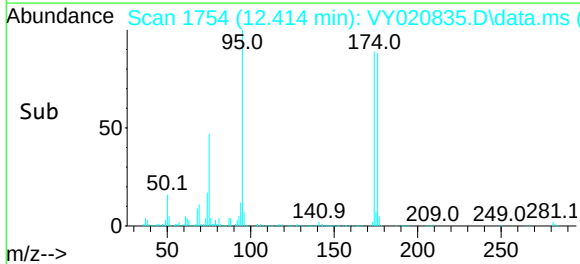
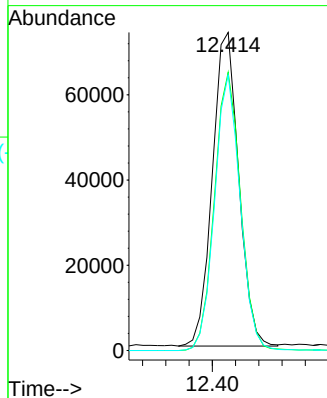
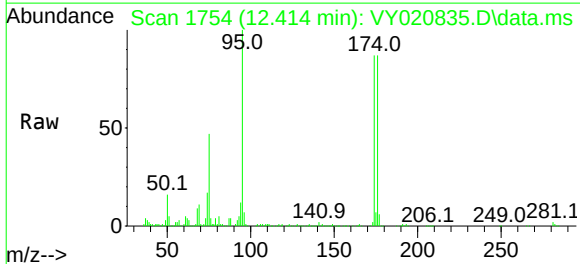
Instrument :

MSVOA_Y

ClientSampleId :

RT-3407RE

Tgt Ion:	95	Resp:	115720
Ion Ratio	Lower	Upper	
95	100		
174	88.0	0.0	178.0
176	85.4	0.0	172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

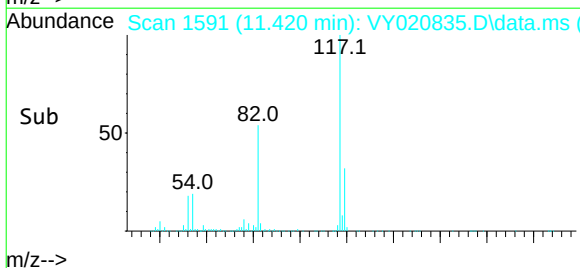
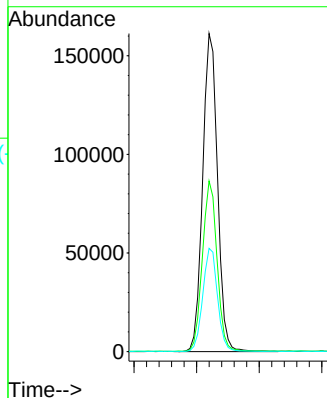
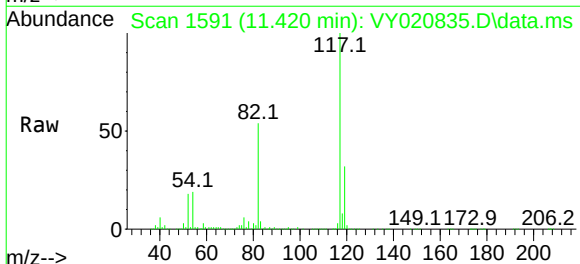
RT: 11.420 min Scan# 1591

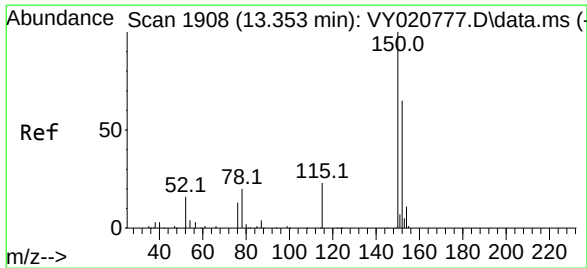
Delta R.T. -0.000 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

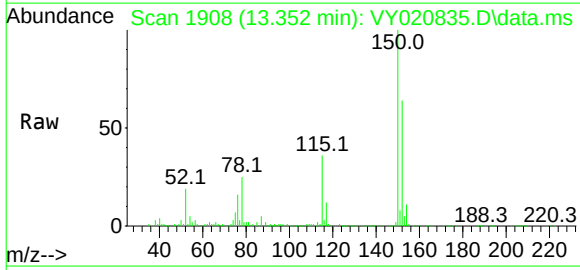
Tgt Ion:	117	Resp:	265324
Ion Ratio	Lower	Upper	
117	100		
82	53.5	41.8	62.6
119	32.4	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020835.D
 Acq: 15 Jan 2025 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3407RE



Tgt Ion:152 Resp: 108948
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.0 87.0
 150 155.5 0.0 347.4

