

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021329.D
 Acq On : 26 Feb 2025 14:17
 Operator : SY/MD
 Sample : Q1401-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-860-862

Quant Time: Feb 27 00:37:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

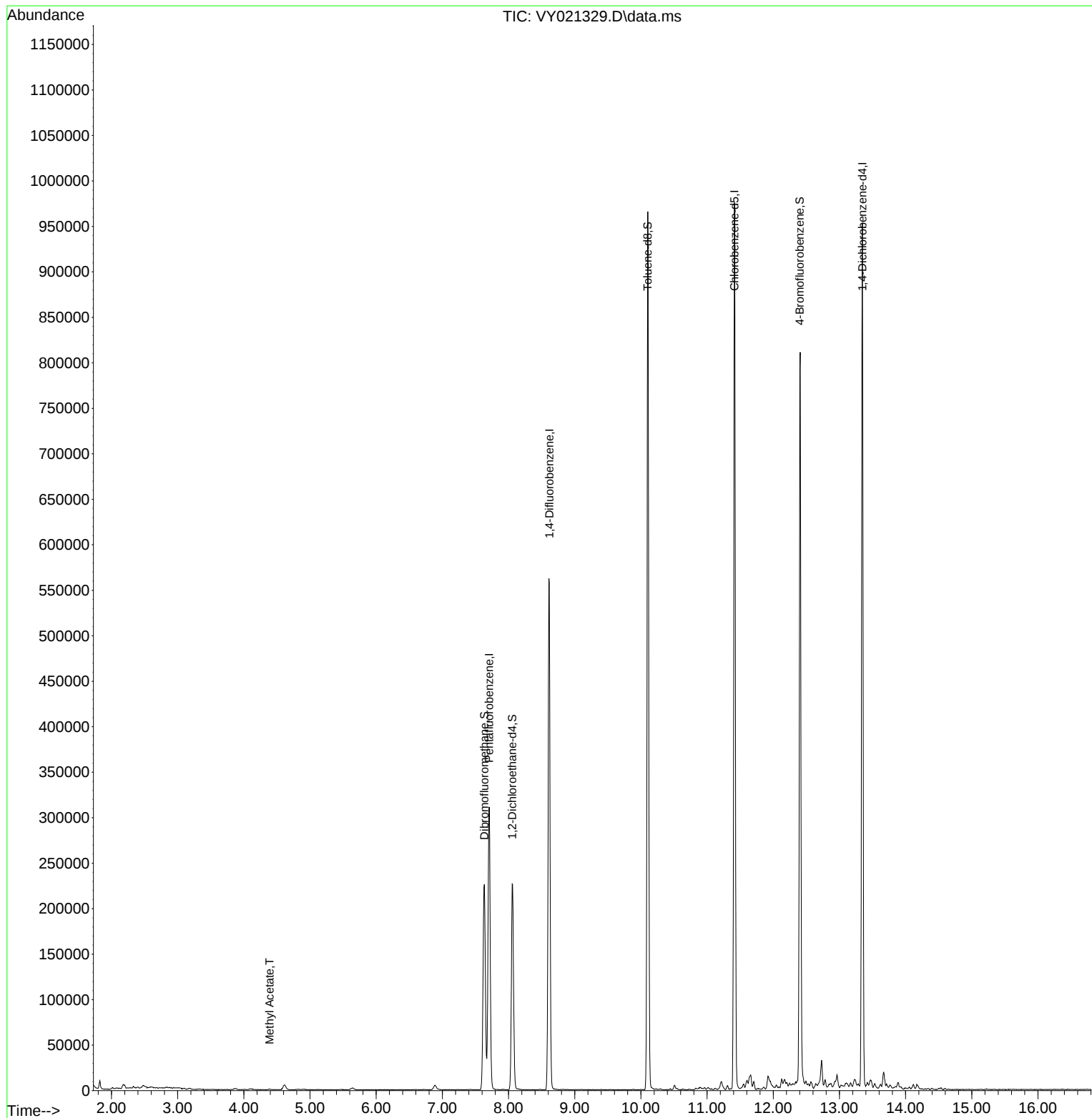
Internal Standards						
1) Pentafluorobenzene	7.707	168	234926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	466686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	492462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	224351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	180680	67.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.600%
35) Dibromofluoromethane	7.634	113	162833	53.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.103	98	586525	49.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.402	95	232790	58.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.000%
Target Compounds						
						Qvalue
18) Methyl Acetate	4.391	43	1330	1.065	ug/l #	70

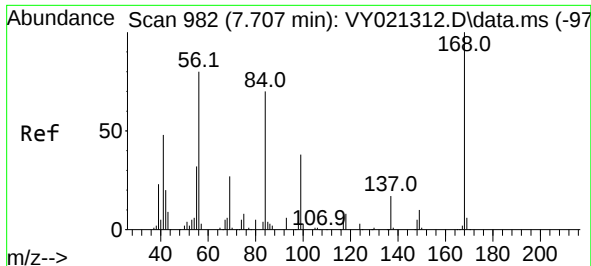
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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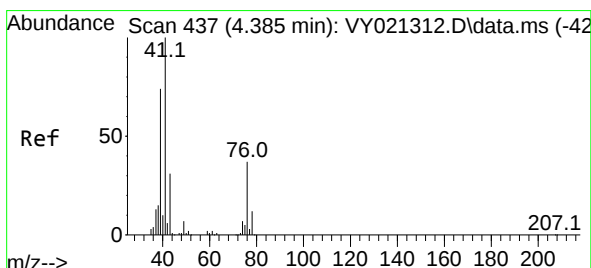
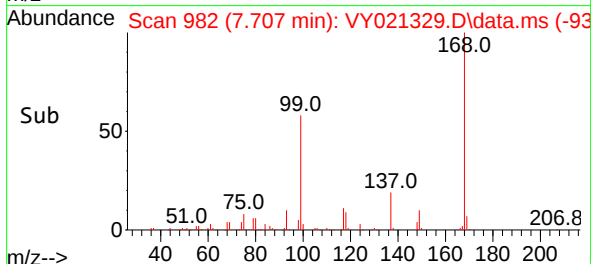
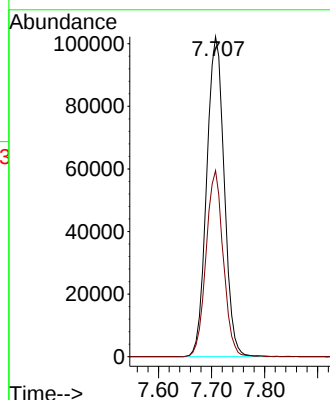
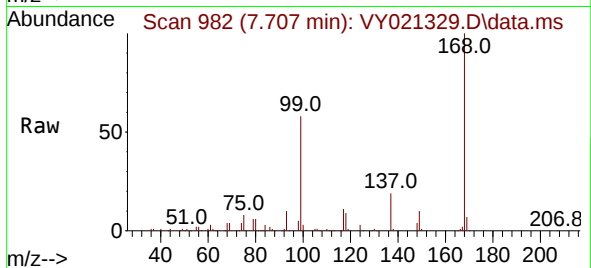




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

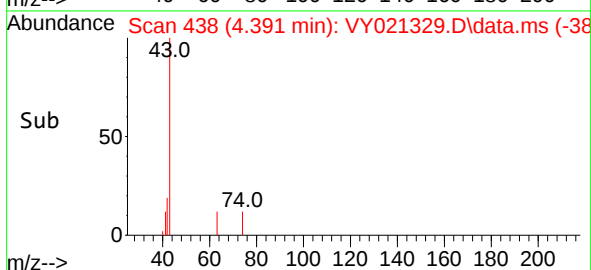
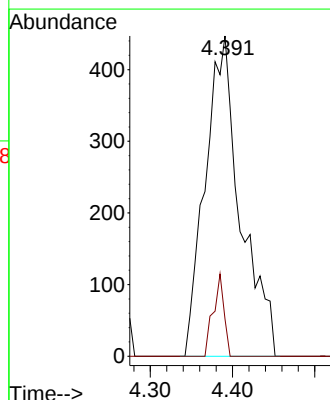
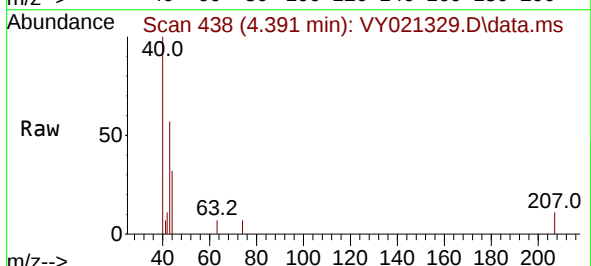
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-860-862

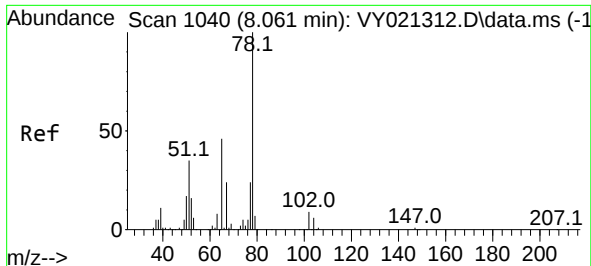
Tgt Ion:168 Resp: 234926
Ion Ratio Lower Upper
168 100
99 58.2 47.1 70.7



#18
Methyl Acetate
Concen: 1.065 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
74 7.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 67.797 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY021329.D

Acq: 26 Feb 2025 14:17

Instrument :

MSVOA_Y

ClientSampleId :

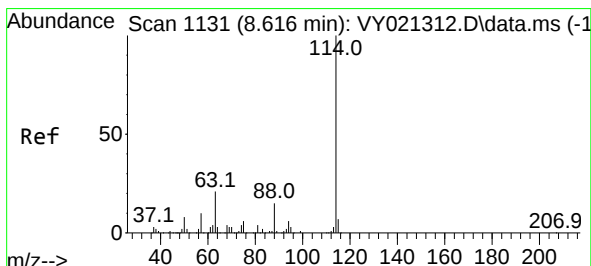
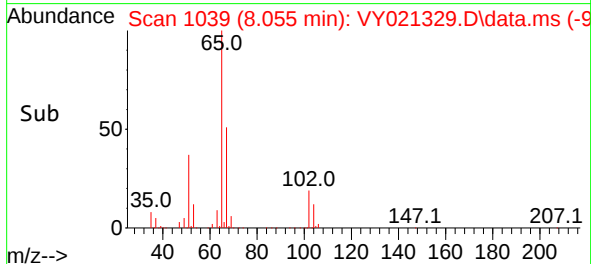
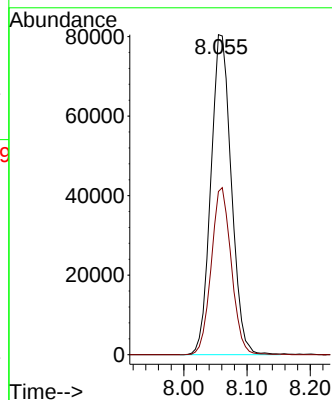
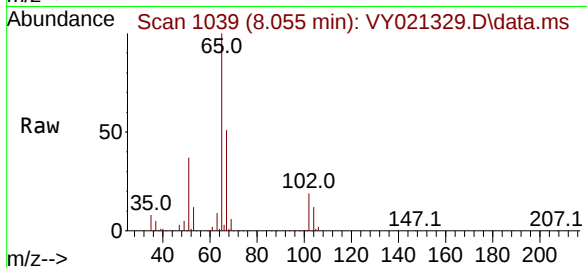
BP-VPB-192-GW-860-862

Tgt Ion: 65 Resp: 180680

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021329.D

Acq: 26 Feb 2025 14:17

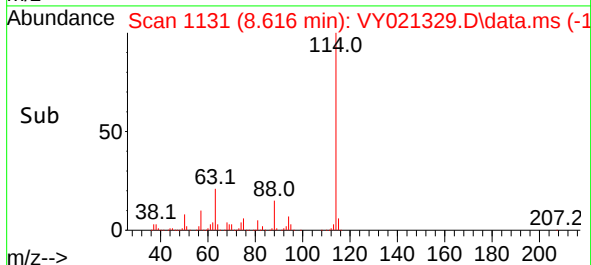
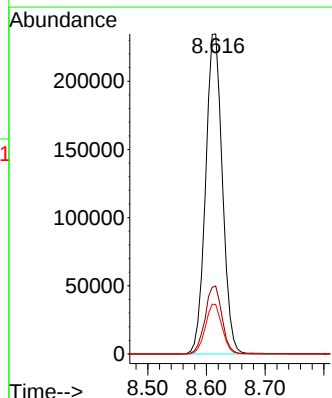
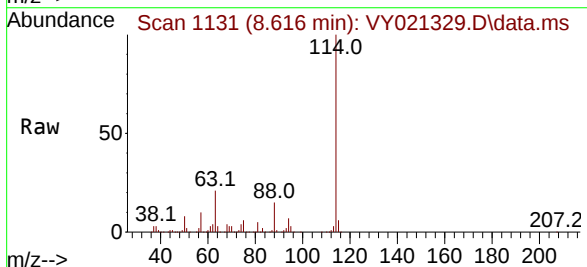
Tgt Ion: 114 Resp: 466686

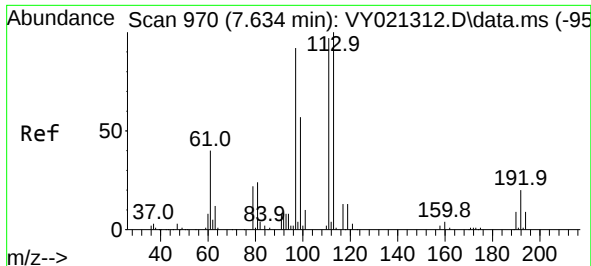
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

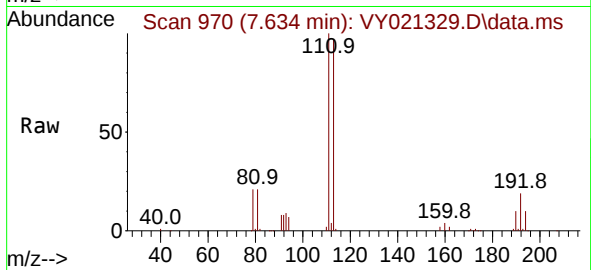
88 15.5 0.0 29.8



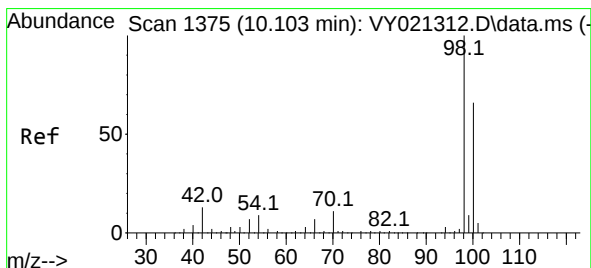
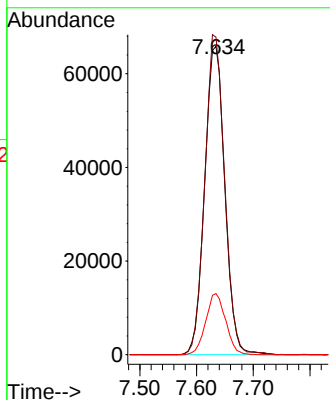
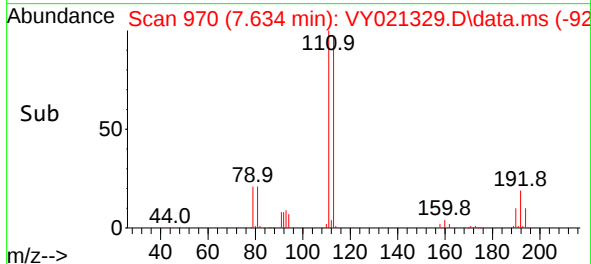


#35
Dibromofluoromethane
Concen: 53.220 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-860-862

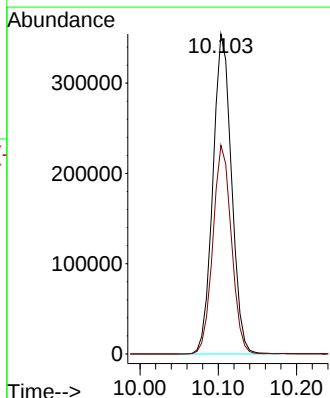
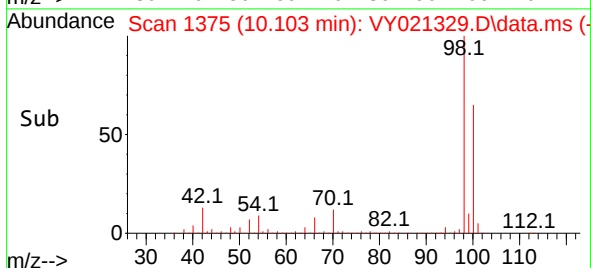
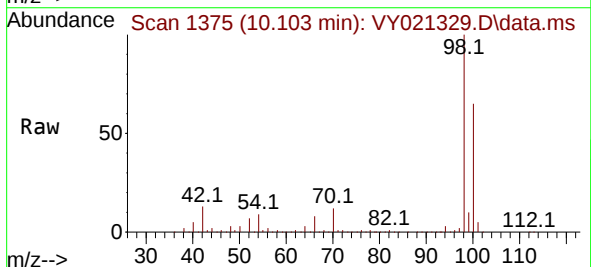


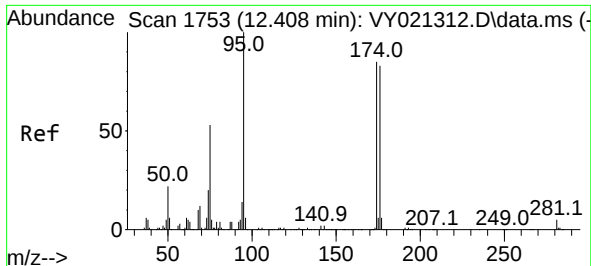
Tgt	Ion:113	Resp:	162833
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.6
192	19.6	15.8	23.8



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

Tgt Ion: 98	Resp: 586525
Ion Ratio	Lower Upper
98 100	
100 65.0	52.4 78.6

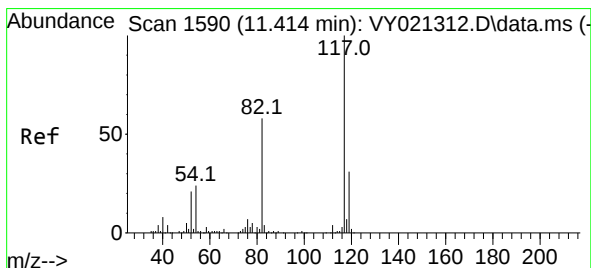
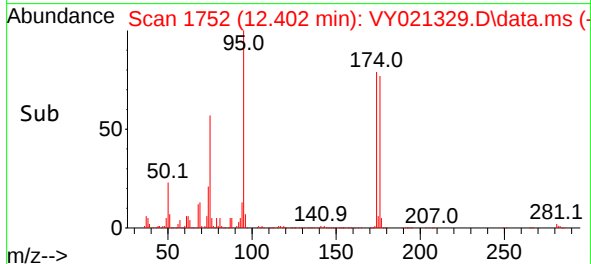
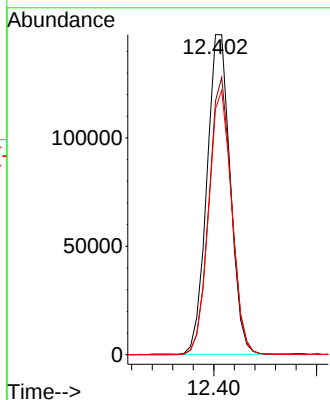
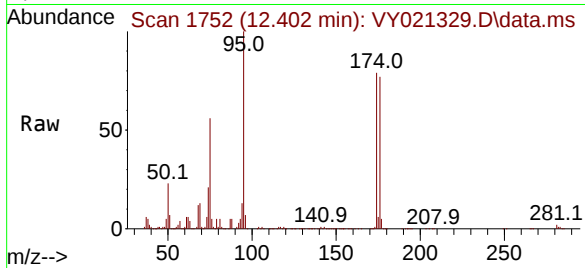




#62
4-Bromofluorobenzene
Concen: 58.497 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

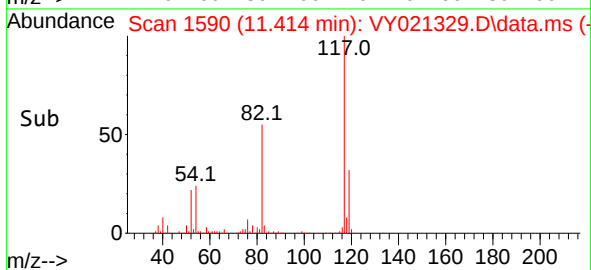
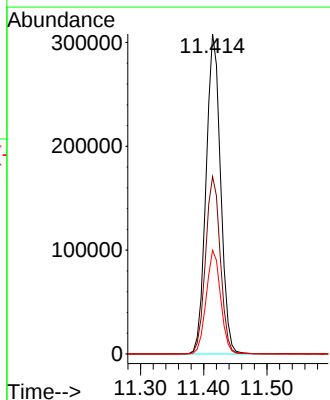
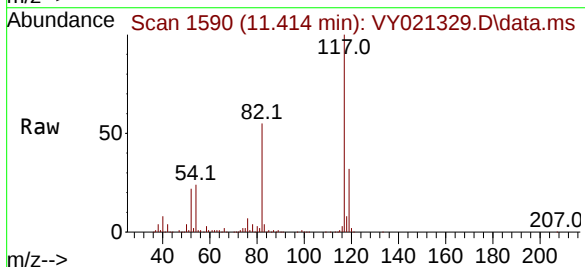
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-860-862

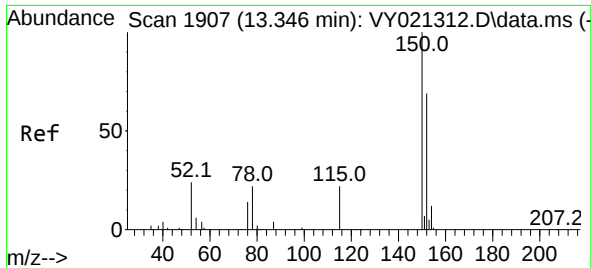
Tgt Ion: 95 Resp: 232790
Ion Ratio Lower Upper
95 100
174 84.5 0.0 168.0
176 81.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021329.D
Acq: 26 Feb 2025 14:17

Tgt Ion: 117 Resp: 492462
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021329.D

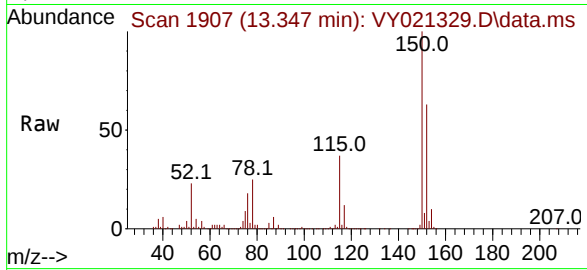
Acq: 26 Feb 2025 14:17

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-860-862



Tgt Ion:152 Resp: 224351

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

150 158.8 0.0 347.4

