

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021771.D
 Acq On : 03 Apr 2025 14:20
 Operator : SY/MD
 Sample : Q1706-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-040225

Quant Time: Apr 04 01:31:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

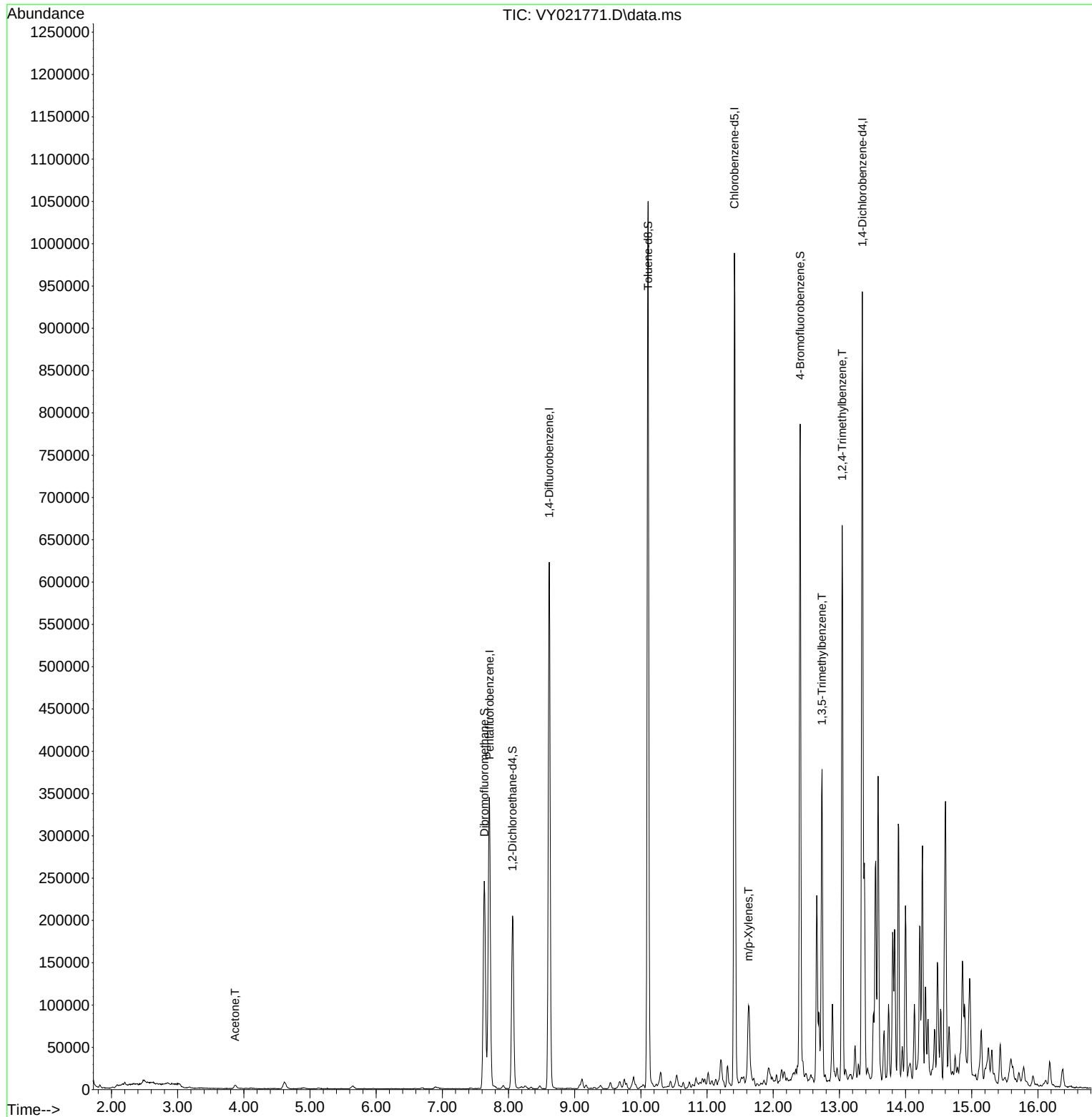
Internal Standards						
1) Pentafluorobenzene	7.713	168	263271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	514901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	509787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	227815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161389	56.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.160%
35) Dibromofluoromethane	7.634	113	171995	51.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.109	98	655554	51.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.408	95	230329	53.590	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.180%
Target Compounds						
						Qvalue
16) Acetone	3.866	43	7308	12.518	ug/l	99
68) m/p-Xylenes	11.627	106	23673	3.085	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	163136	11.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	327462	23.958	ug/l	100

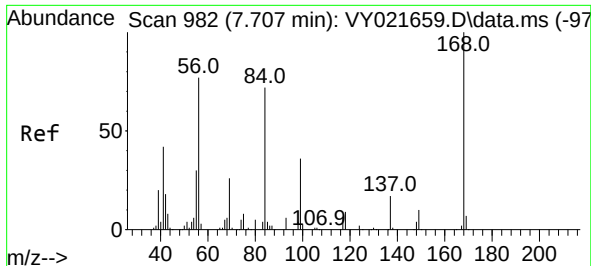
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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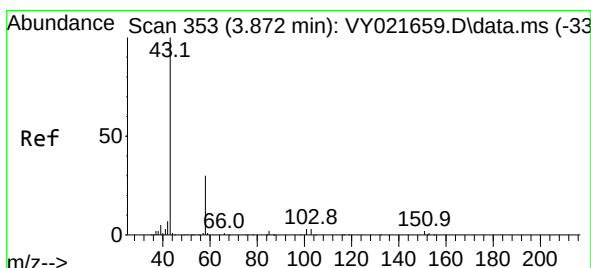
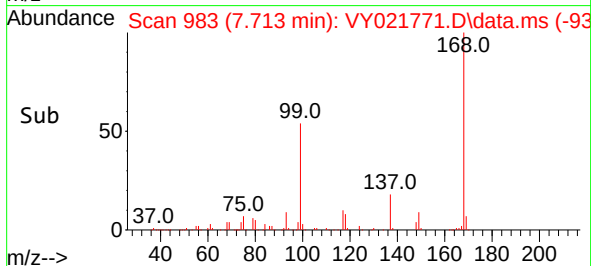
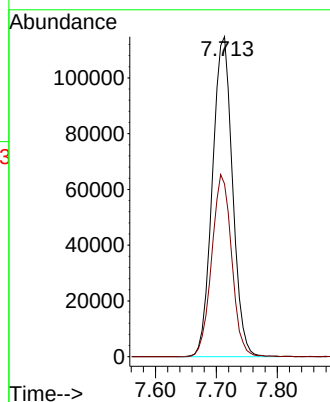
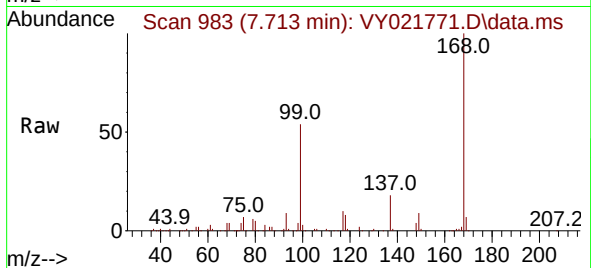




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

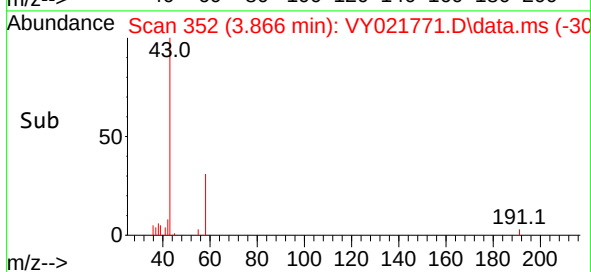
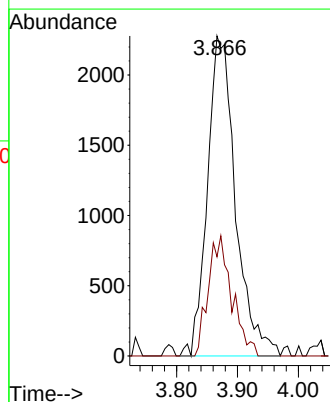
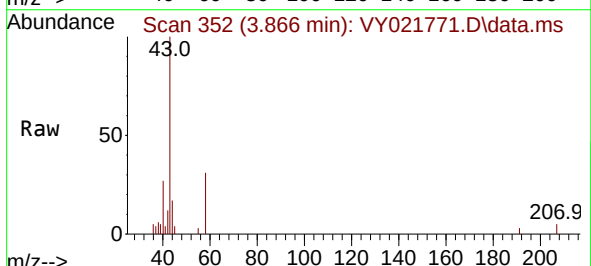
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-040225

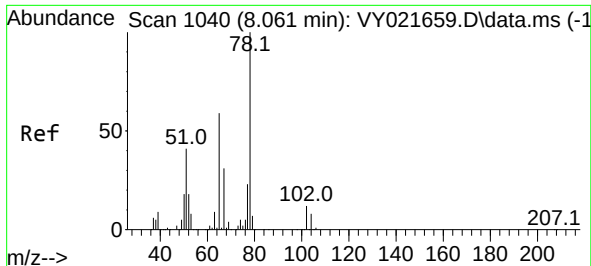
Tgt Ion:168 Resp: 263271
Ion Ratio Lower Upper
168 100
99 54.0 46.7 70.1



#16
Acetone
Concen: 12.518 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

Tgt Ion: 43 Resp: 7308
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 56.579 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021771.D

Acq: 03 Apr 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

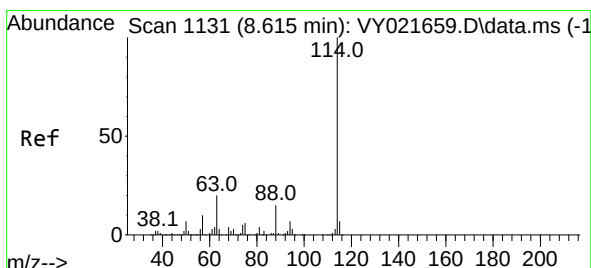
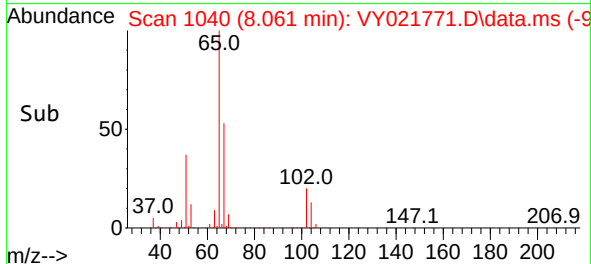
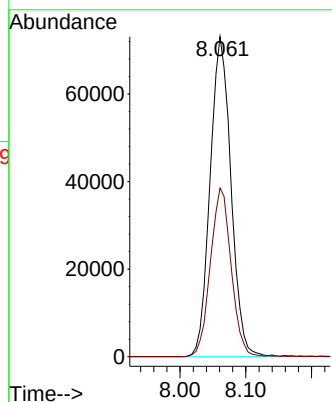
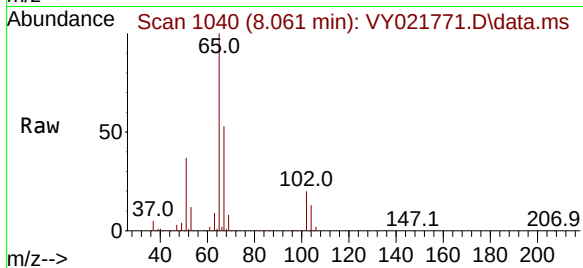
PL-01-040225

Tgt Ion: 65 Resp: 161389

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021771.D

Acq: 03 Apr 2025 14:20

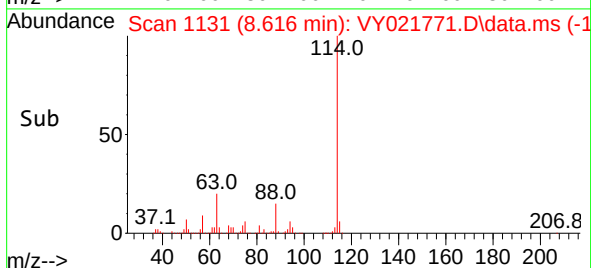
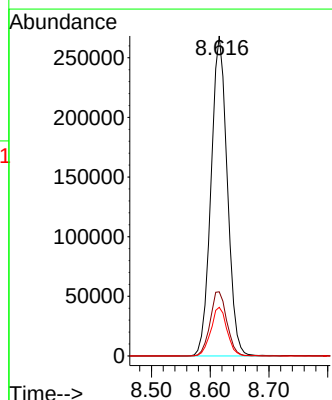
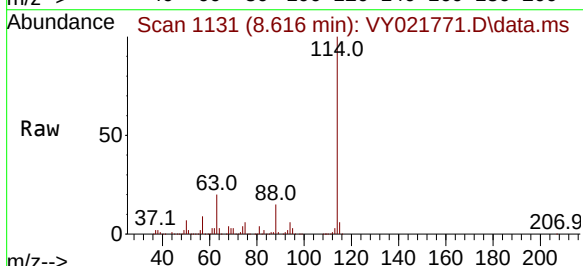
Tgt Ion: 114 Resp: 514901

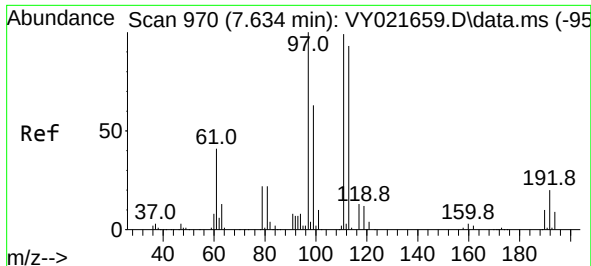
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.2 0.0 29.8

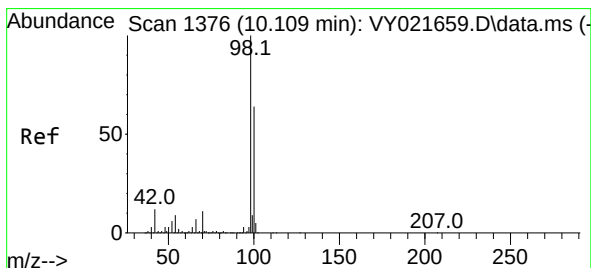
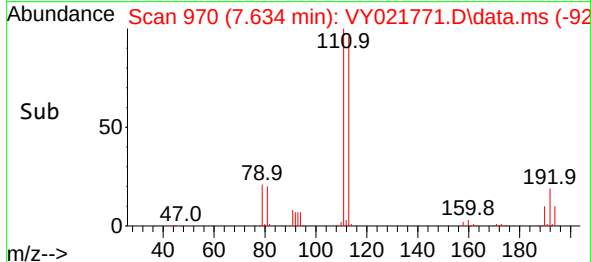
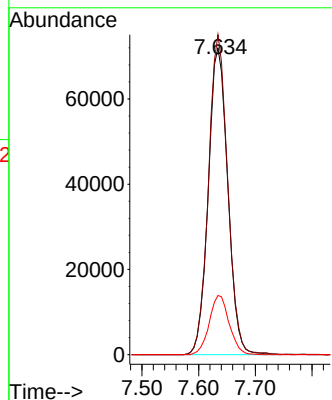
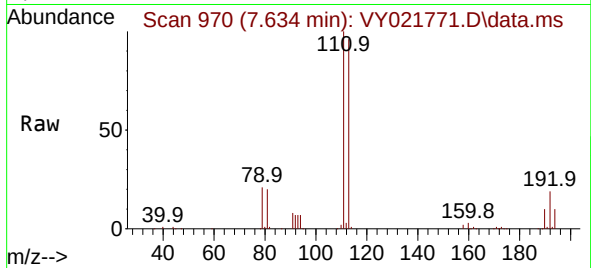




#35
Dibromofluoromethane
Concen: 51.494 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

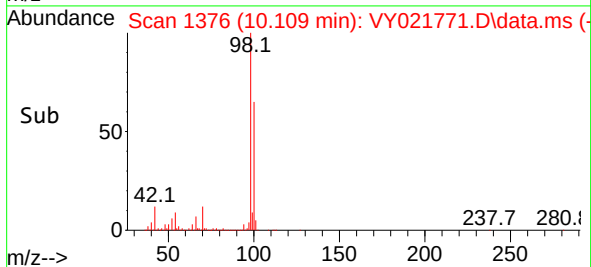
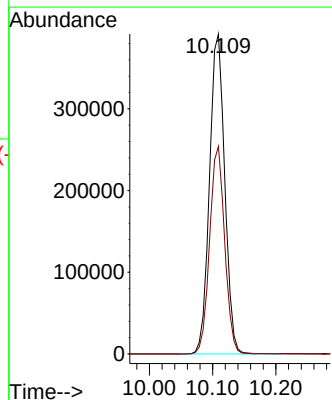
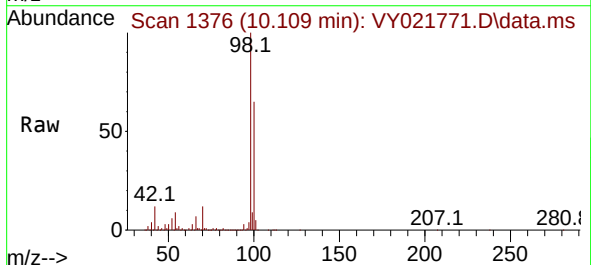
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-040225

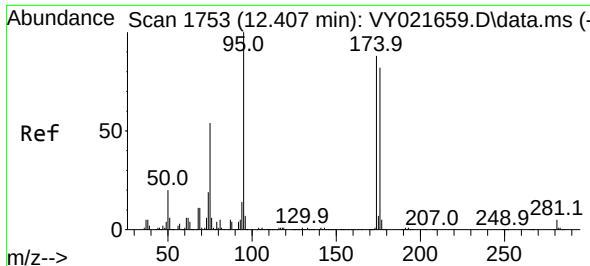
Tgt Ion:113 Resp: 171995
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.7 16.2 24.4



#50
Toluene-d8
Concen: 51.591 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

Tgt Ion: 98 Resp: 655554
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

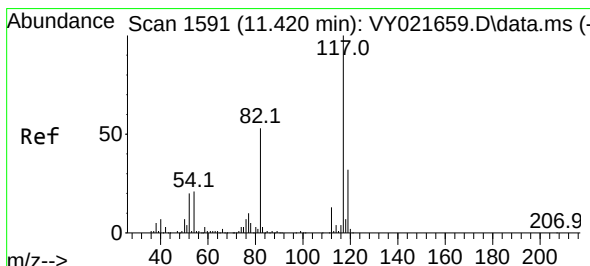
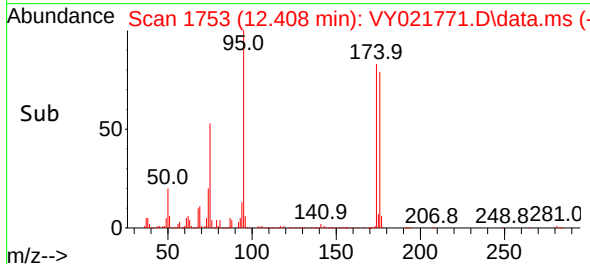
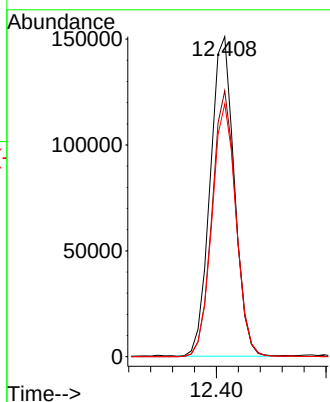
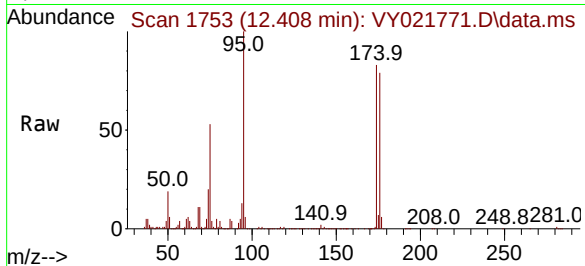




#62
4-Bromofluorobenzene
Concen: 53.590 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

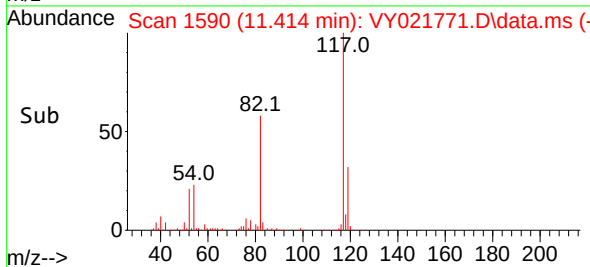
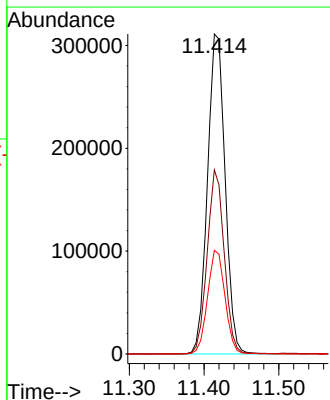
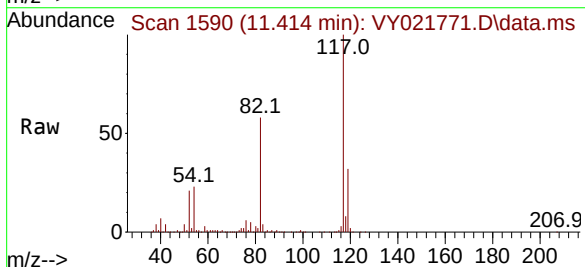
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-040225

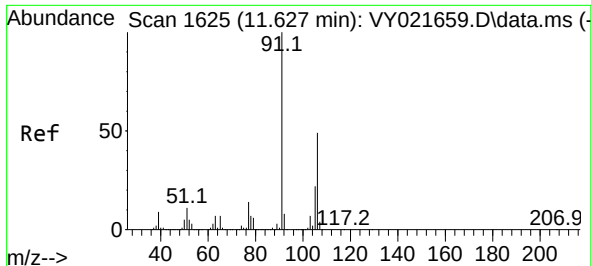
Tgt Ion: 95 Resp: 230329
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 79.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

Tgt Ion: 117 Resp: 509787
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 32.4 25.7 38.5

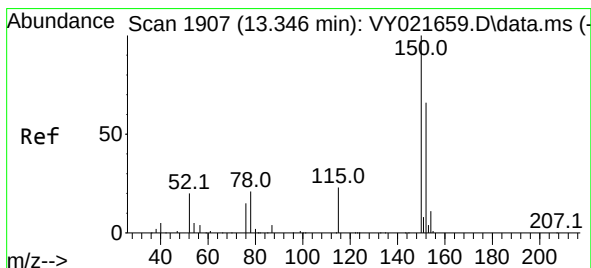
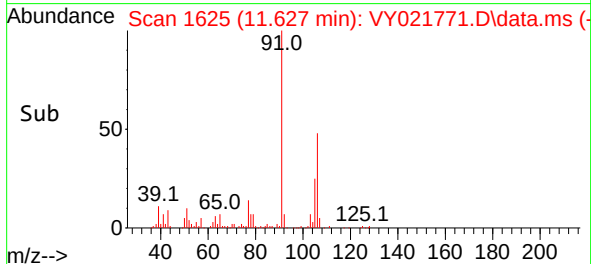
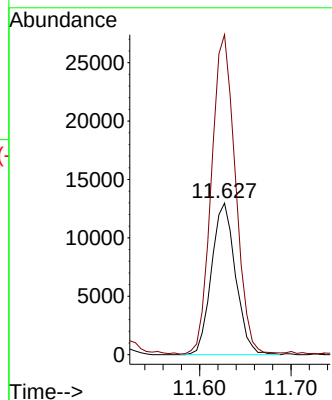
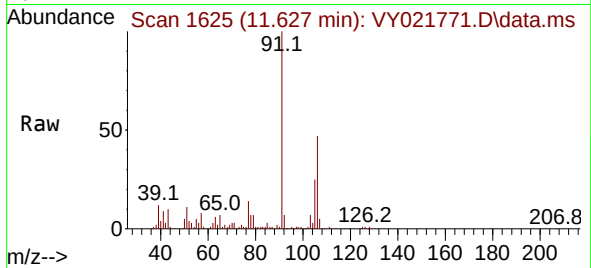




#68
m/p-Xylenes
Concen: 3.085 ug/l
RT: 11.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

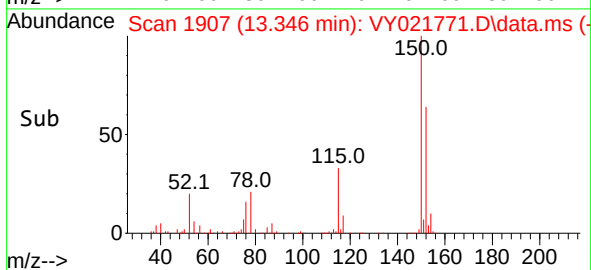
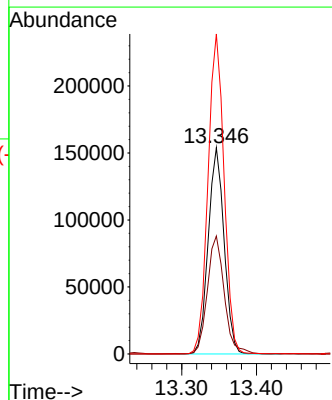
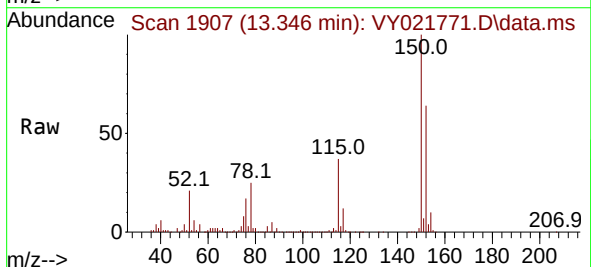
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PL-01-040225

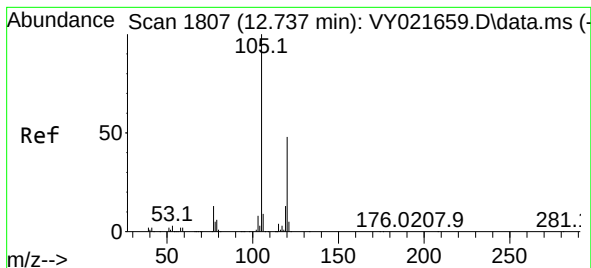
Tgt Ion:106 Resp: 23673
Ion Ratio Lower Upper
106 100
91 209.7 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021771.D
Acq: 03 Apr 2025 14:20

Tgt Ion:152 Resp: 227815
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 156.5 0.0 348.4





#80

1,3,5-Trimethylbenzene

Concen: 11.797 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021771.D

Acq: 03 Apr 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

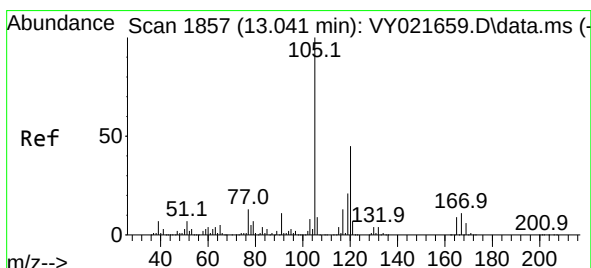
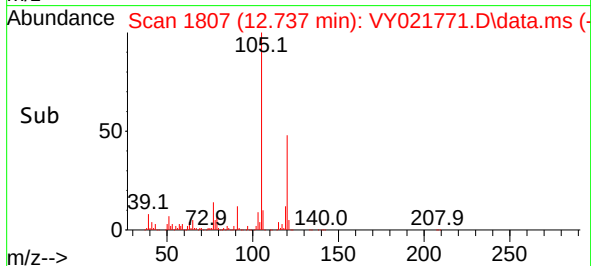
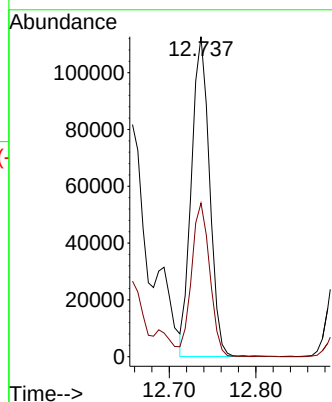
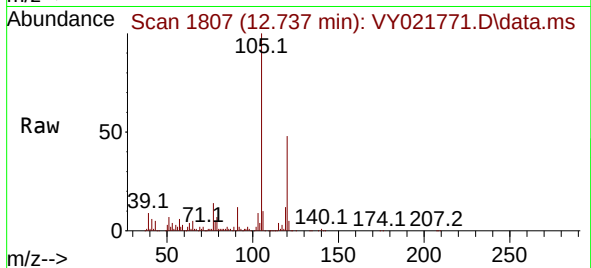
PL-01-040225

Tgt Ion:105 Resp: 163136

Ion Ratio Lower Upper

105 100

120 48.1 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 23.958 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021771.D

Acq: 03 Apr 2025 14:20

Tgt Ion:105 Resp: 327462

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1

