

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021886.D
 Acq On : 15 Apr 2025 11:18
 Operator : SY/MD
 Sample : Q1790-01
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025

Quant Time: Apr 15 14:14:04 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)

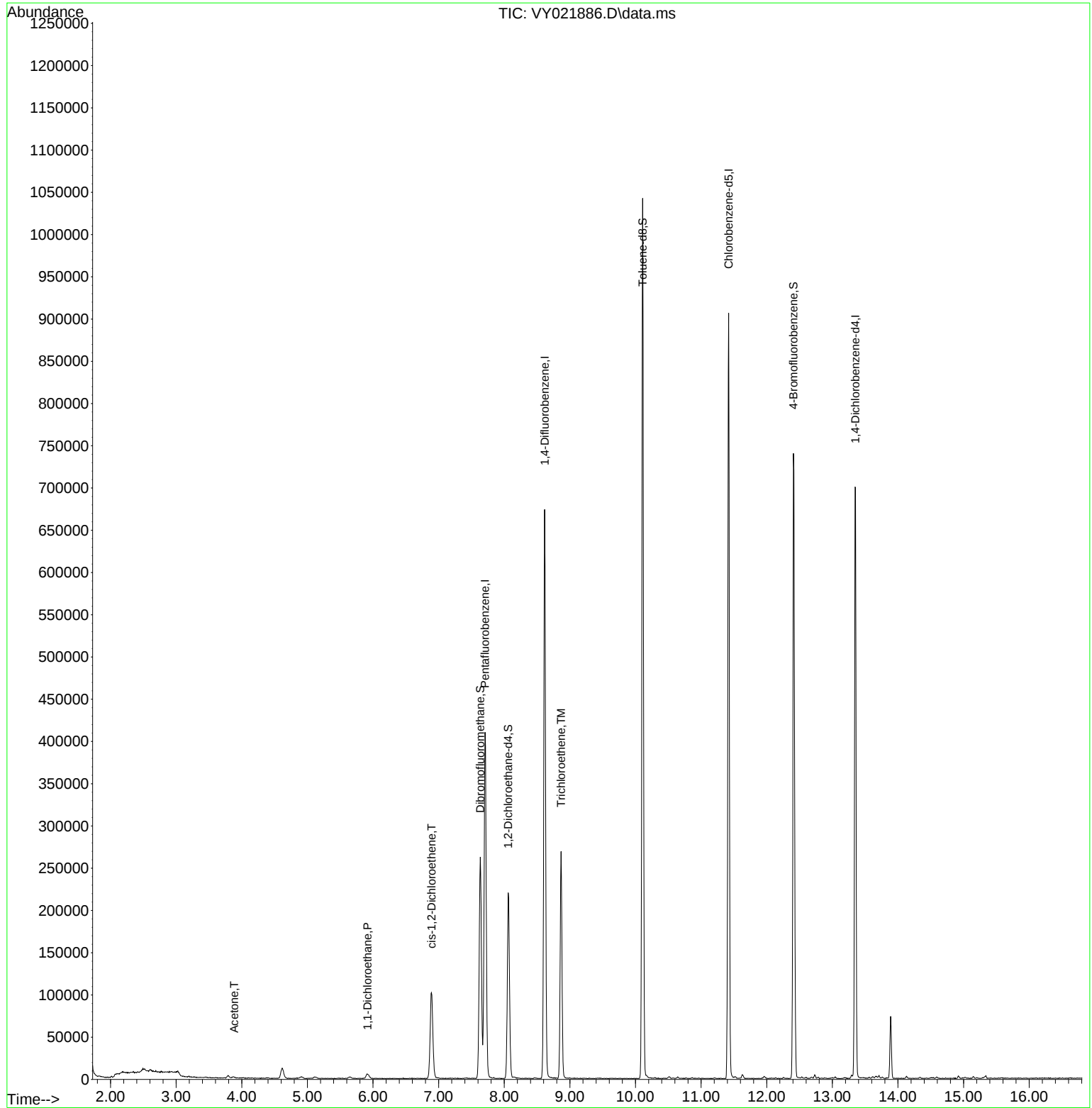
Internal Standards						
1) Pentafluorobenzene	7.707	168	314278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	553790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	468224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	180946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171143	50.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.634	113	183817	51.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.109	98	657190	48.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.180%	
62) 4-Bromofluorobenzene	12.407	95	193561	41.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	2581	3.704	ug/l	# 88
24) 1,1-Dichloroethane	5.915	63	7633	1.158	ug/l	# 93
27) cis-1,2-Dichloroethene	6.890	96	67028	16.422	ug/l	87
44) Trichloroethene	8.865	130	92286	22.104	ug/l	98

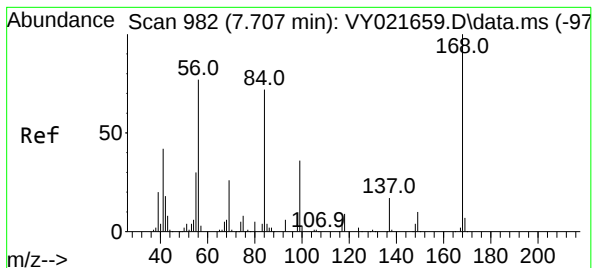
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

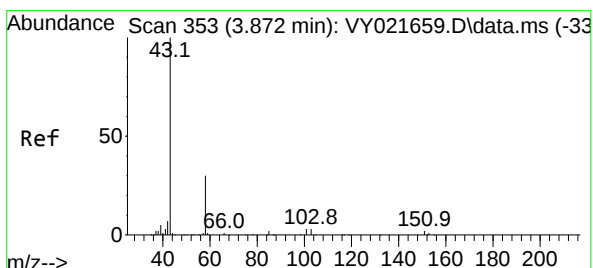
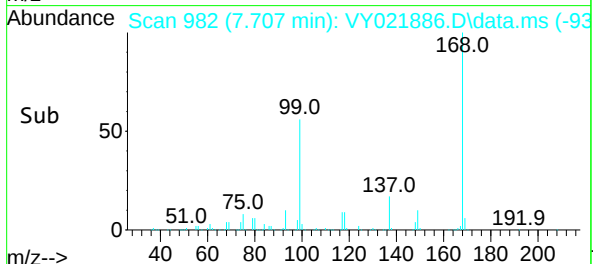
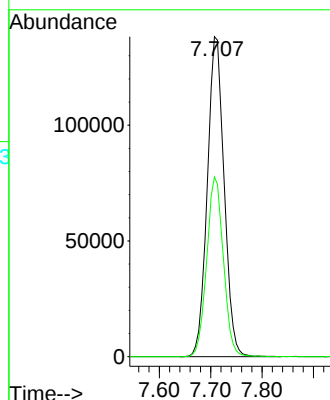
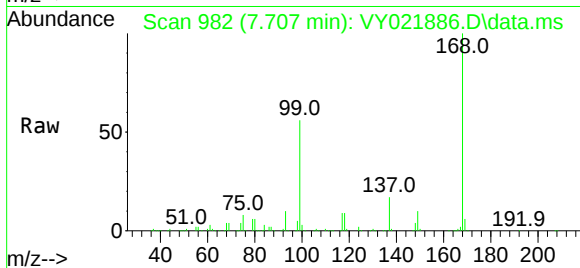
S-872-G1-SO-20.0-20.5-041025

Tgt Ion:168 Resp: 314278

Ion Ratio Lower Upper

168 100

99 56.2 46.7 70.1



#16

Acetone

Concen: 3.704 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY021886.D

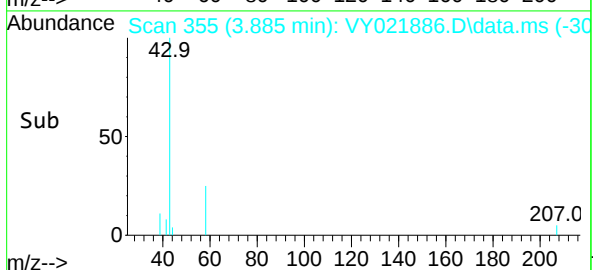
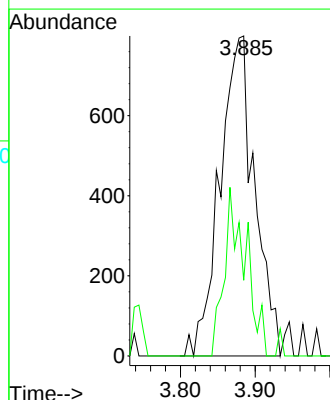
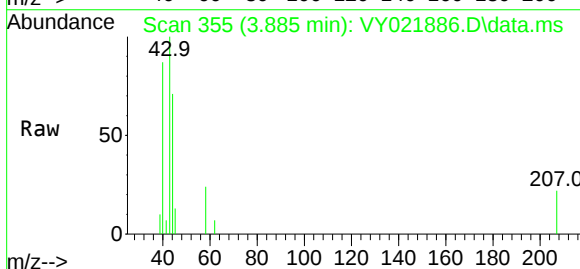
Acq: 15 Apr 2025 11:18

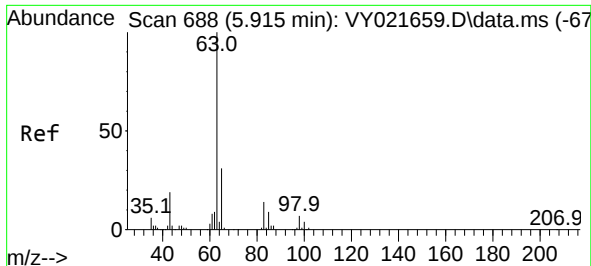
Tgt Ion: 43 Resp: 2581

Ion Ratio Lower Upper

43 100

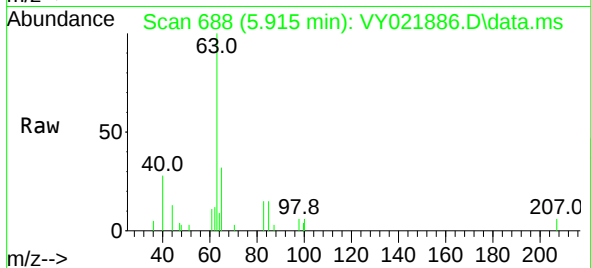
58 23.7 24.2 36.4#



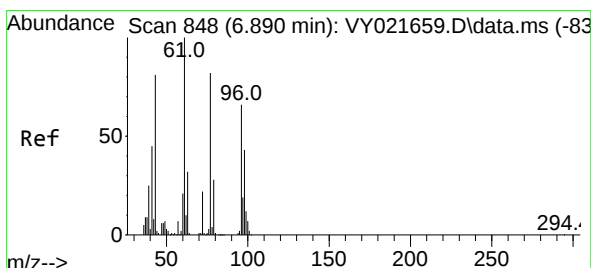
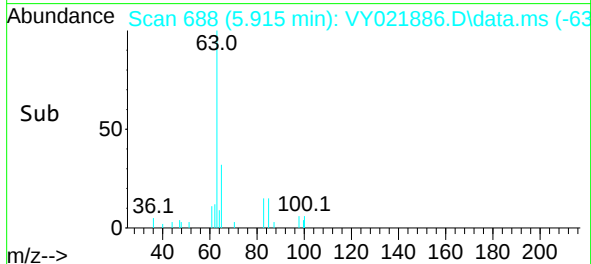
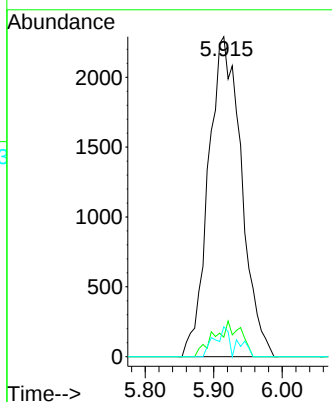


#24
1,1-Dichloroethane
Concen: 1.158 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021886.D
Acq: 15 Apr 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025

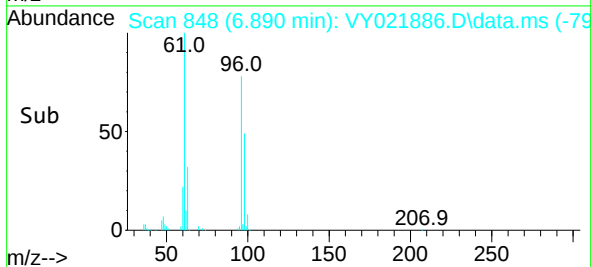
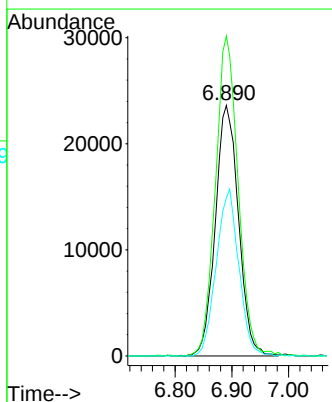
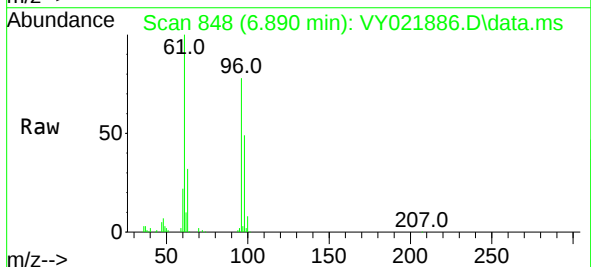


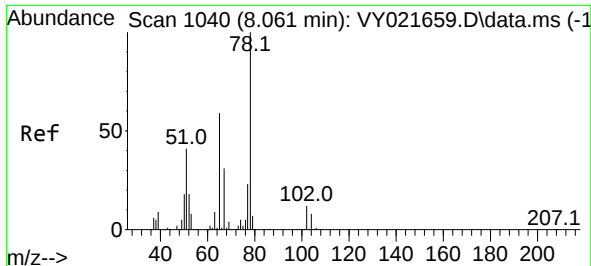
Tgt Ion: 63 Resp: 7633
Ion Ratio Lower Upper
63 100
98 6.1 3.5 10.5
100 9.3 2.2 6.6#



#27
cis-1,2-Dichloroethene
Concen: 16.422 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021886.D
Acq: 15 Apr 2025 11:18

Tgt Ion: 96 Resp: 67028
Ion Ratio Lower Upper
96 100
61 125.3 0.0 296.4
98 64.7 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 50.261 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021886.D

Acq: 15 Apr 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

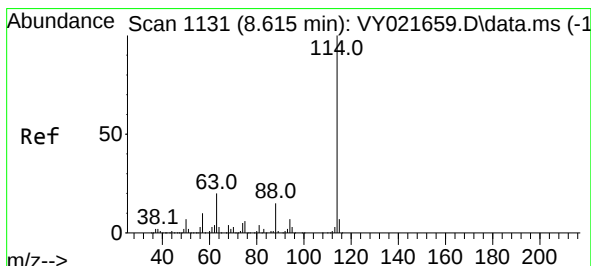
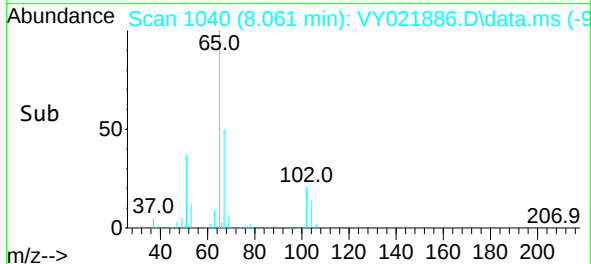
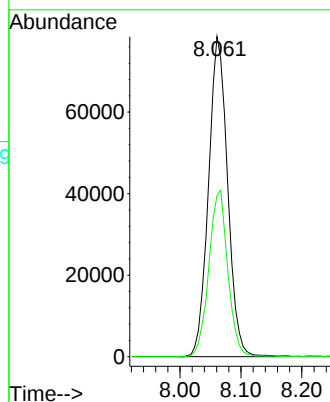
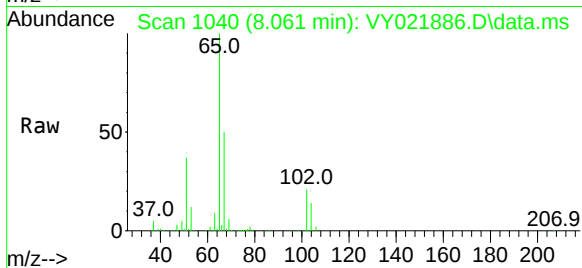
S-872-G1-SO-20.0-20.5-041025

Tgt Ion: 65 Resp: 171143

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021886.D

Acq: 15 Apr 2025 11:18

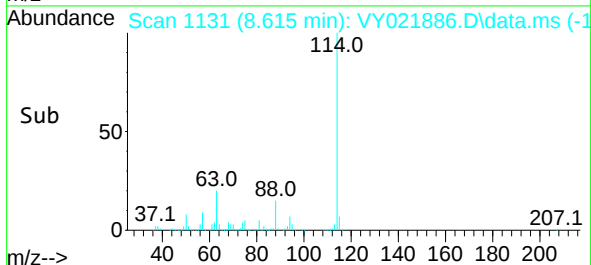
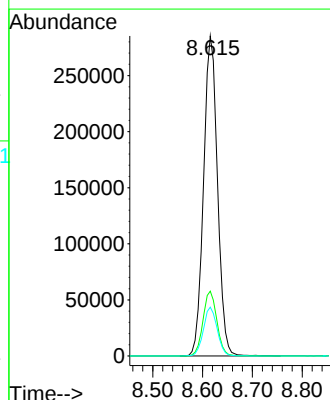
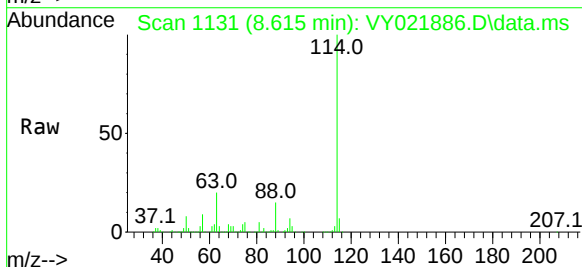
Tgt Ion: 114 Resp: 553790

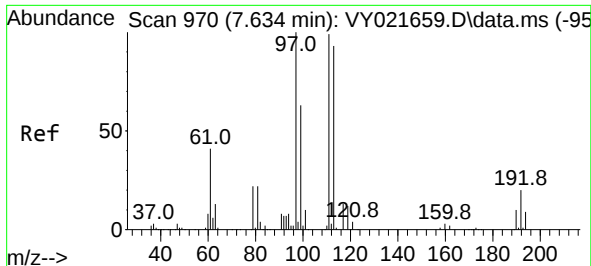
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.3 0.0 29.8

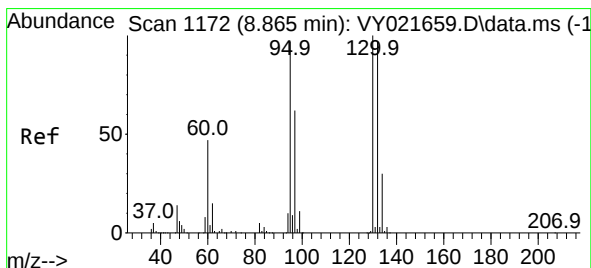
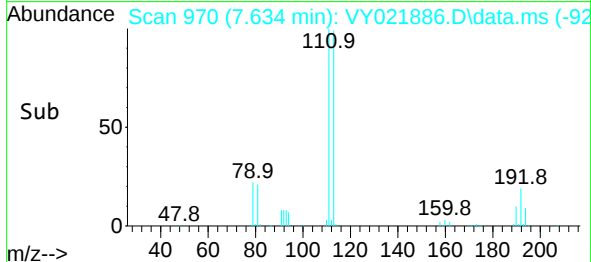
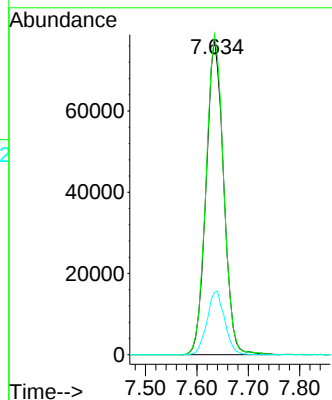
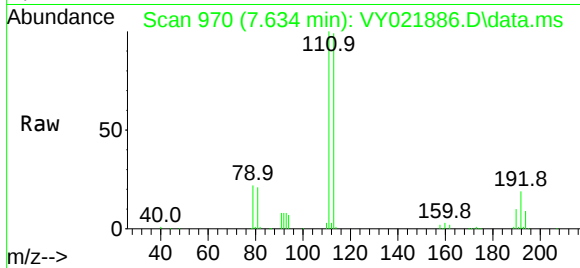




#35
 Dibromofluoromethane
 Concen: 51.169 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021886.D
 Acq: 15 Apr 2025 11:18

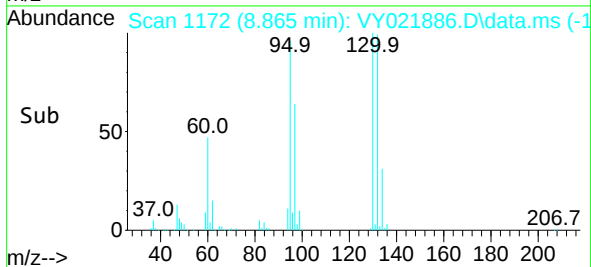
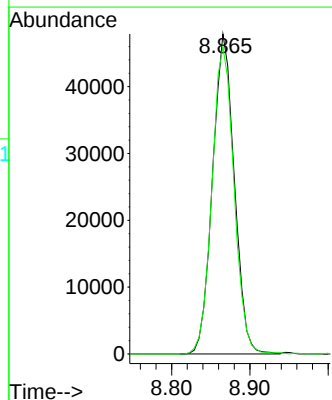
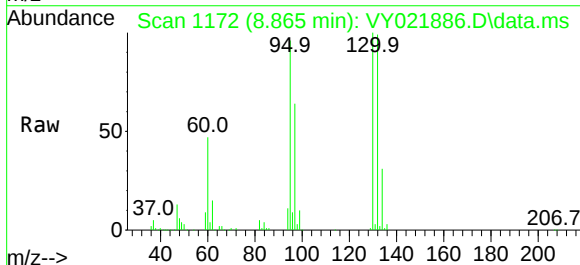
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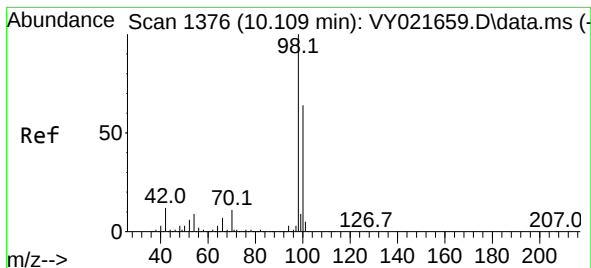
Tgt Ion:113 Resp: 183817
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 20.2 16.2 24.4



#44
 Trichloroethene
 Concen: 22.104 ug/l
 RT: 8.865 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VY021886.D
 Acq: 15 Apr 2025 11:18

Tgt Ion:130 Resp: 92286
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 194.8

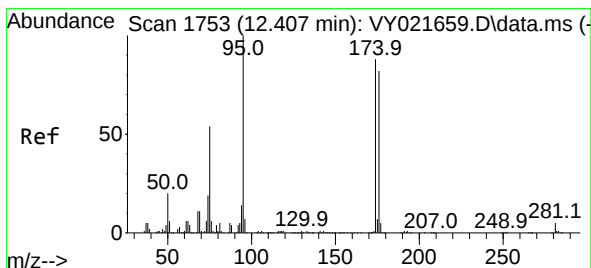
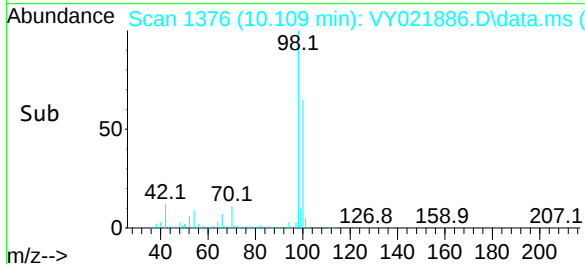
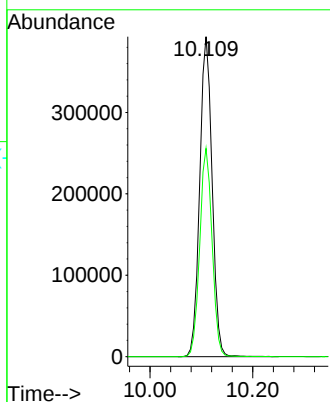
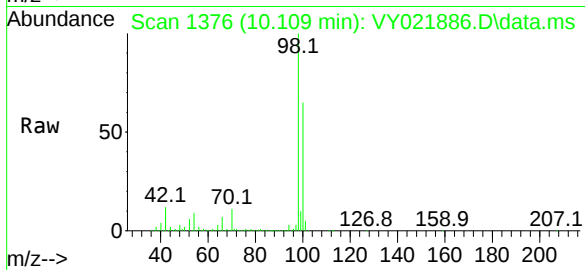




#50
Toluene-d8
Concen: 48.088 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021886.D
Acq: 15 Apr 2025 11:18

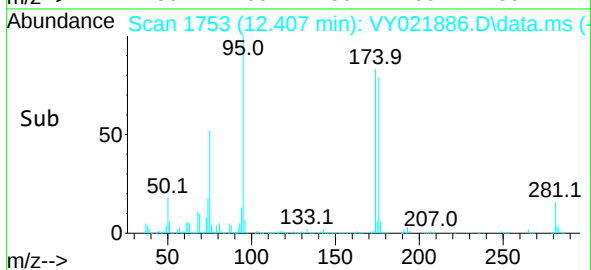
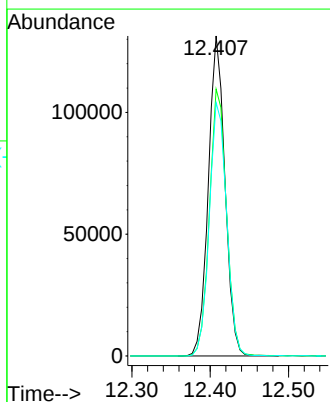
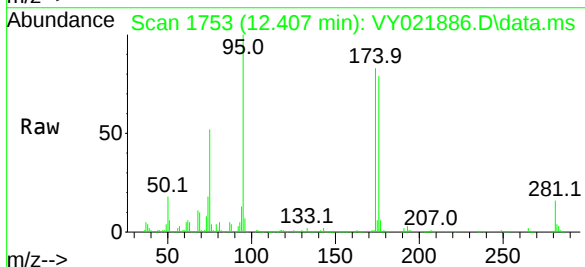
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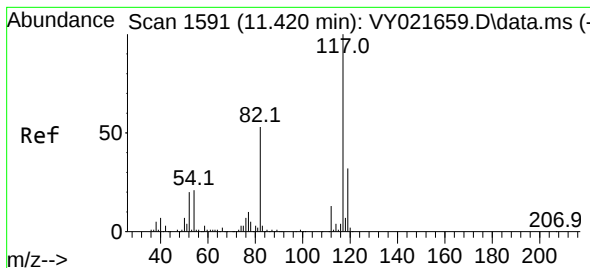
Tgt Ion: 98 Resp: 657190
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.873 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021886.D
Acq: 15 Apr 2025 11:18

Tgt Ion: 95 Resp: 193561
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.8
176 82.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021886.D

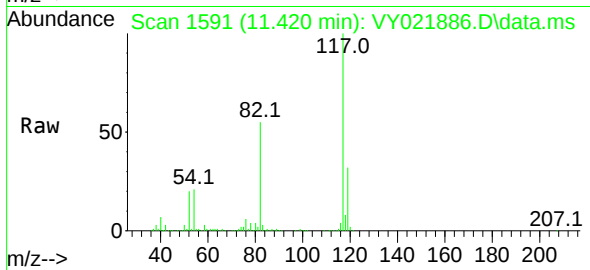
Acq: 15 Apr 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025



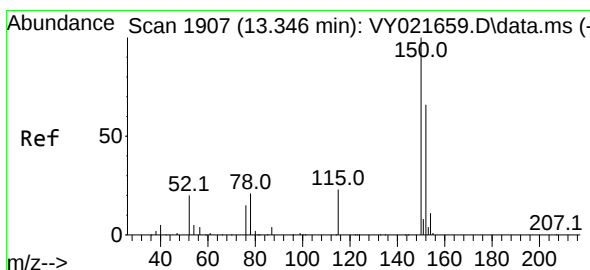
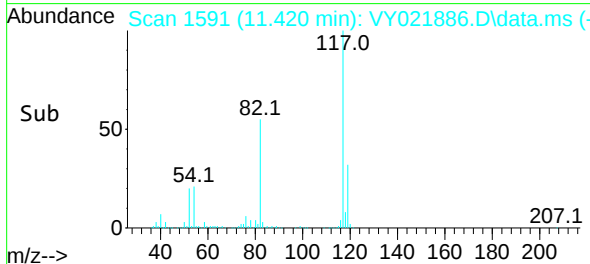
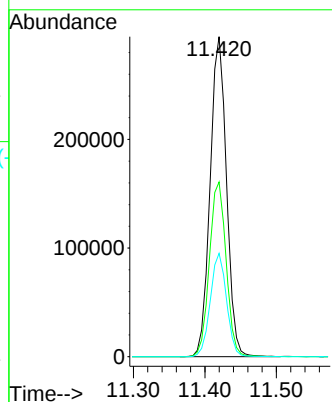
Tgt Ion:117 Resp: 468224

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021886.D

Acq: 15 Apr 2025 11:18

Tgt Ion:152 Resp: 180946

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.0 0.0 348.4

