

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021969.D
 Acq On : 23 Apr 2025 14:16
 Operator : SY/MD
 Sample : Q1848-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

Quant Time: Apr 24 03:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

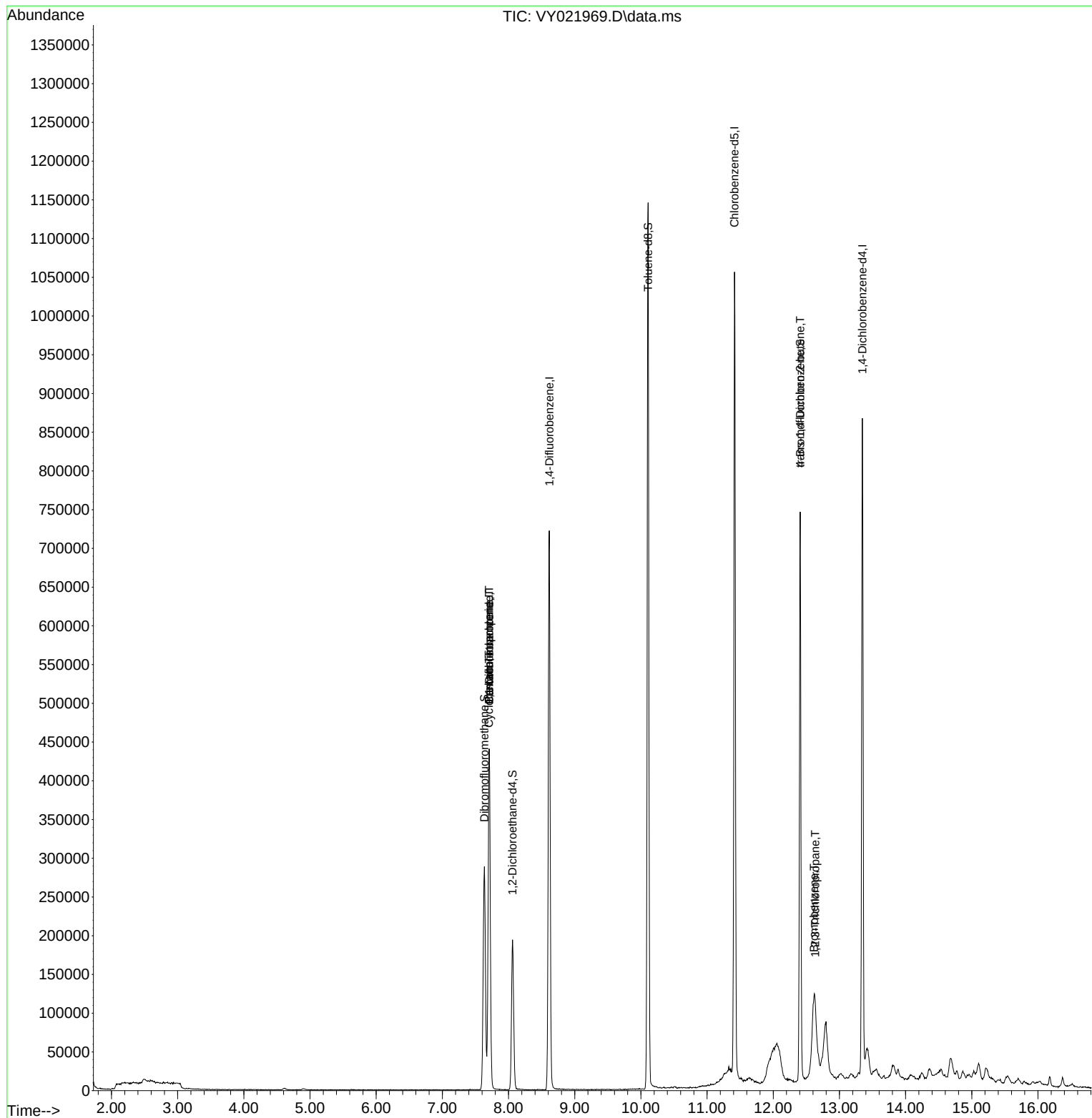
Internal Standards						
1) Pentafluorobenzene	7.707	168	345419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	646077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	585019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	223110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154000	48.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.634	113	205396	48.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.109	98	775529	48.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.408	95	234173	43.229	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.460%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	381	Below Cal	#	86
31) Cyclohexane	7.701	56	6299	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	26247	4.578	ug/l #	47
38) Carbon Tetrachloride	7.707	117	34141	4.983	ug/l #	17
76) 1,2,3-Trichloropropane	12.633	75	3907	2.044	ug/l #	100
77) Bromobenzene	12.615	156	121427	32.238	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.408	75	112549	141.825	ug/l #	16

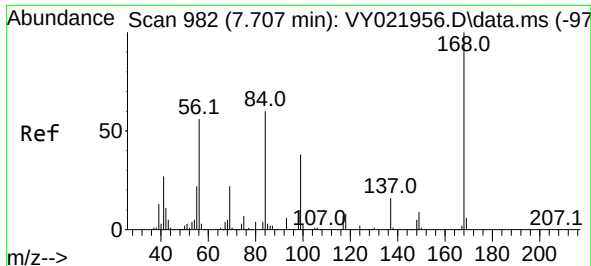
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 23 02:30:30 2025
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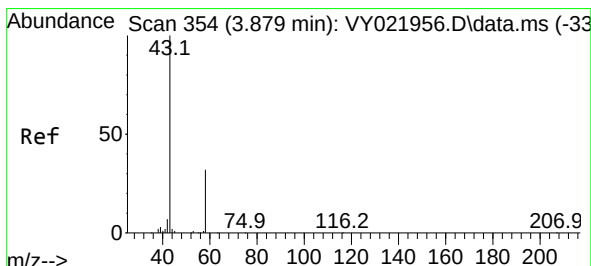
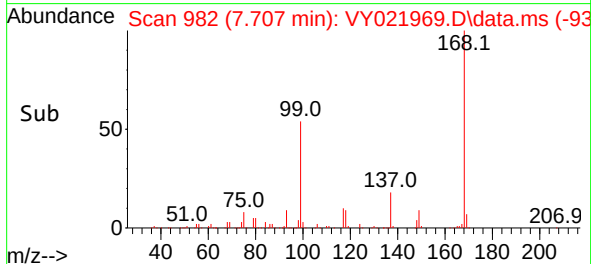
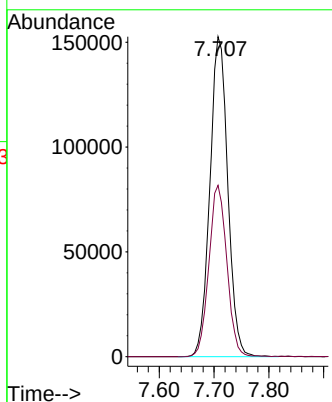
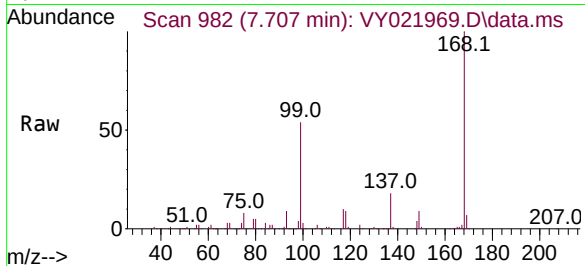




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

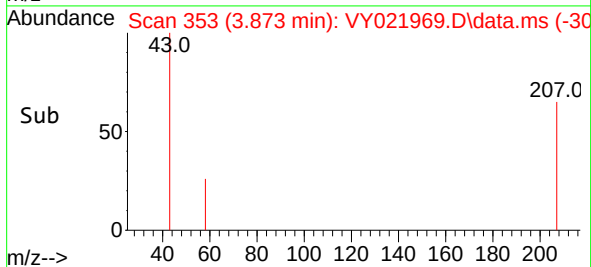
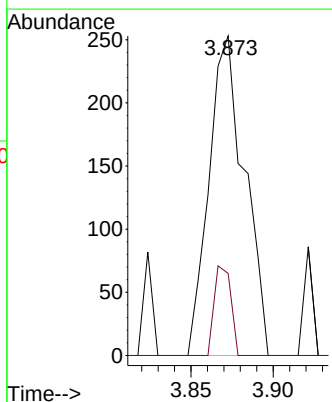
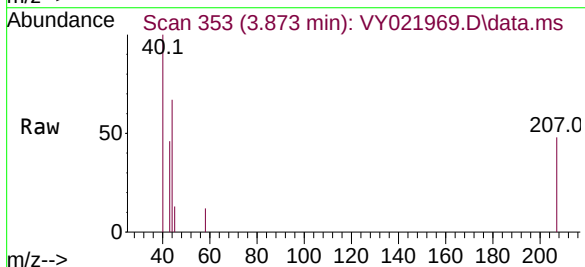
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

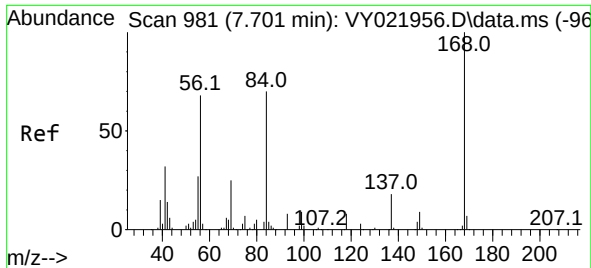
Tgt Ion:168 Resp: 345419
Ion Ratio Lower Upper
168 100
99 53.6 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 25.7 27.0 40.4#

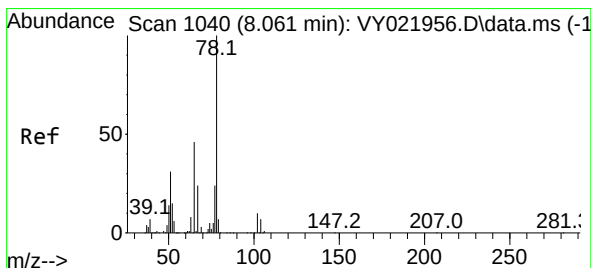
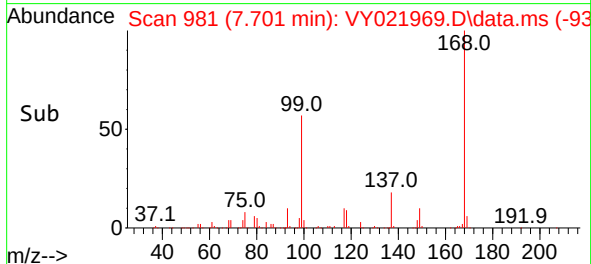
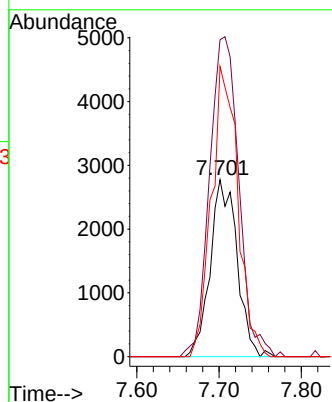
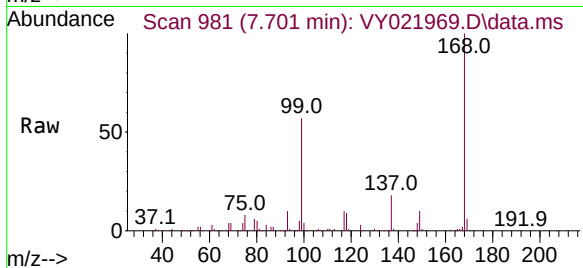




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

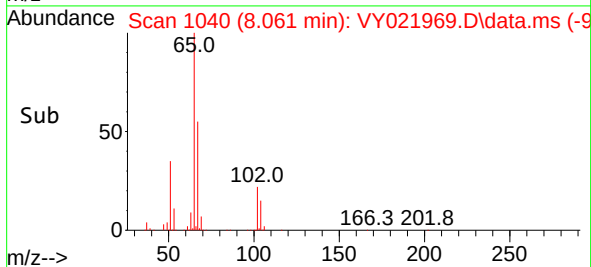
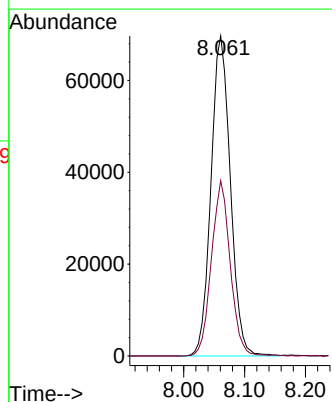
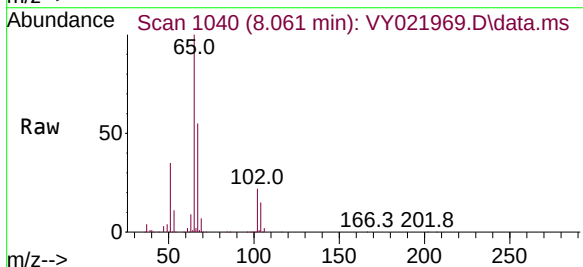
Instrument :
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ClientSampleId :
RBR200027

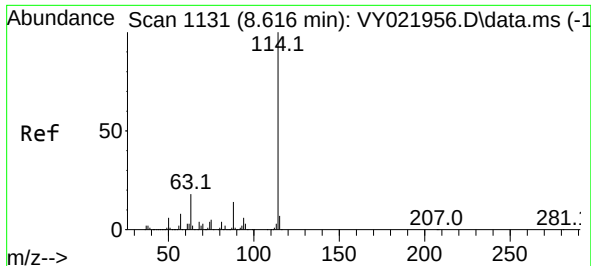
Tgt Ion: 56 Resp: 6299
Ion Ratio Lower Upper
56 100
69 179.0 29.4 44.2#
84 163.9 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 48.267 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

Tgt Ion: 65 Resp: 154000
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

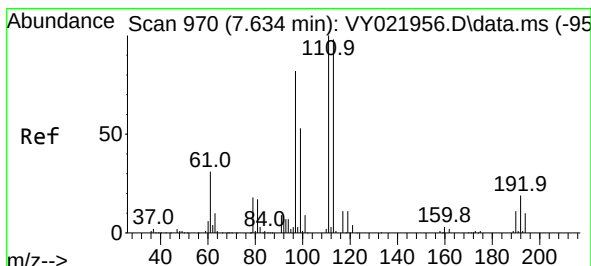
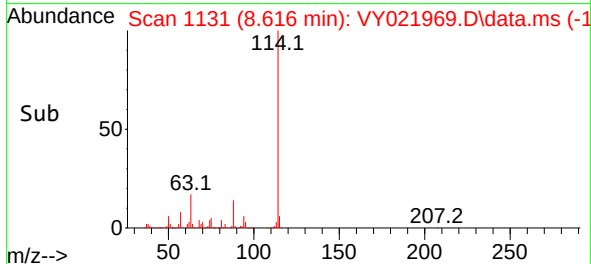
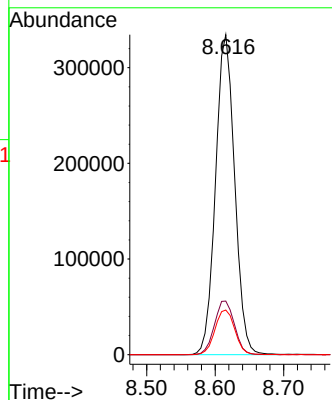
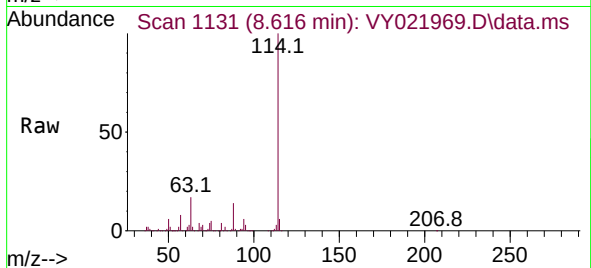




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

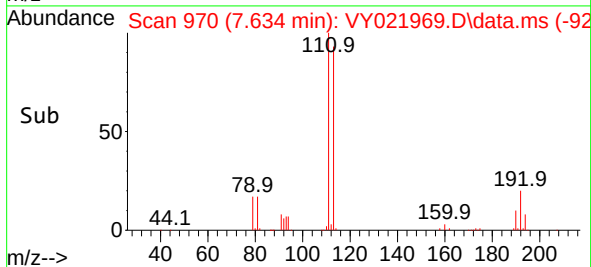
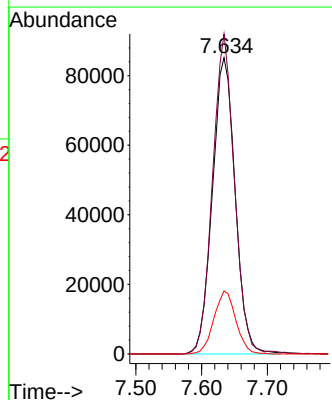
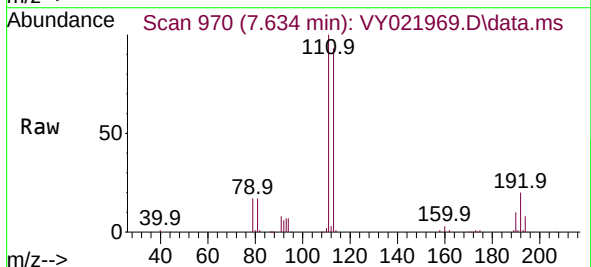
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

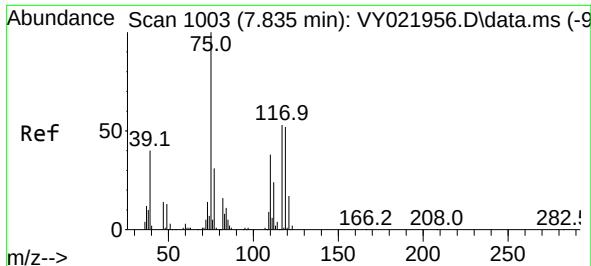
Tgt Ion:114 Resp: 646077
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.4
88 14.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 48.121 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

Tgt Ion:113 Resp: 205396
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 20.5 15.6 23.4

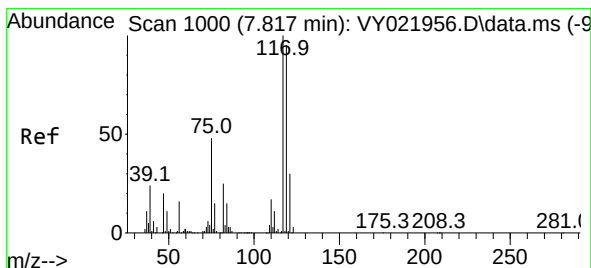
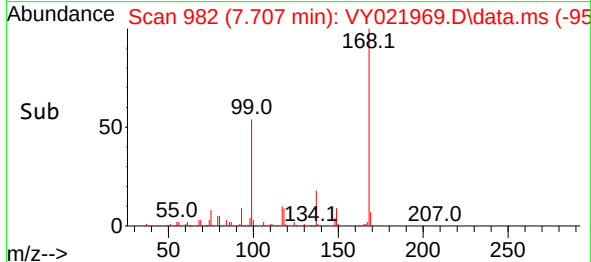
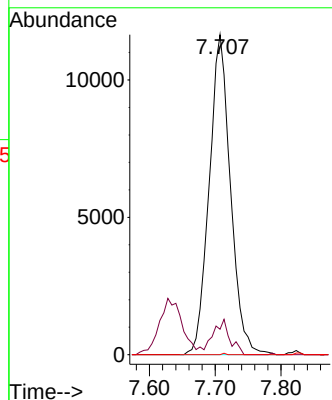
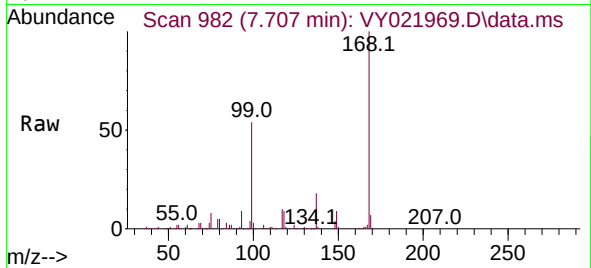




#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY021969.D
 Acq: 23 Apr 2025 14:16

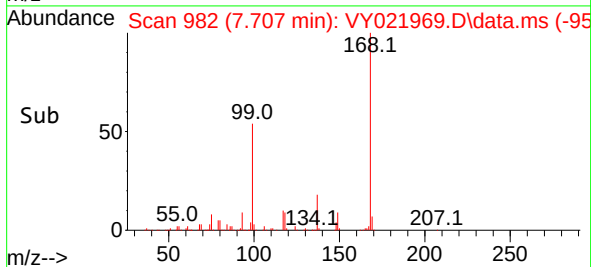
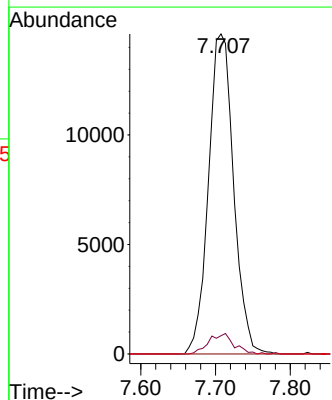
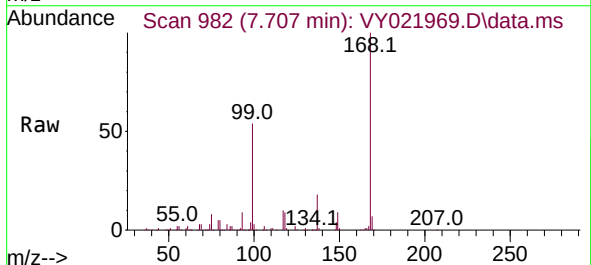
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

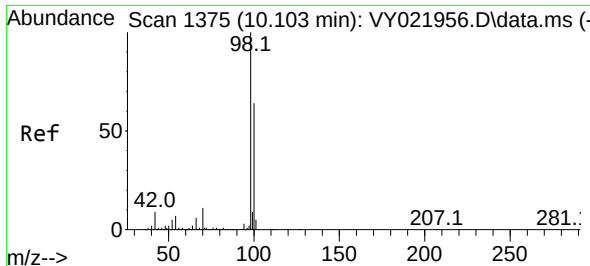
Tgt Ion: 75 Resp: 26247
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.1 57.3#
 77 0.1 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.983 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021969.D
 Acq: 23 Apr 2025 14:16

Tgt Ion: 117 Resp: 34141
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.4#
 121 0.0 24.0 36.0#

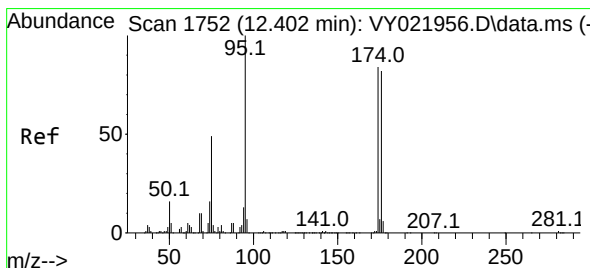
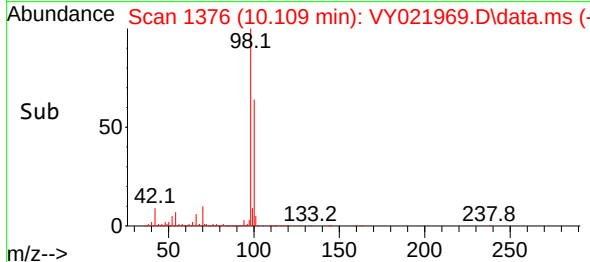
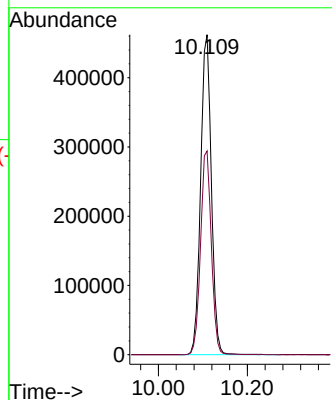
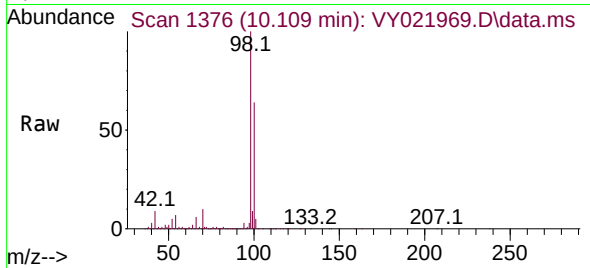




#50
Toluene-d8
Concen: 48.195 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

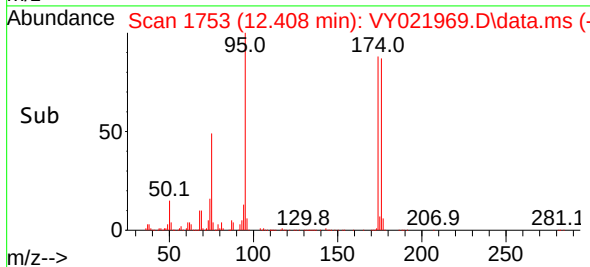
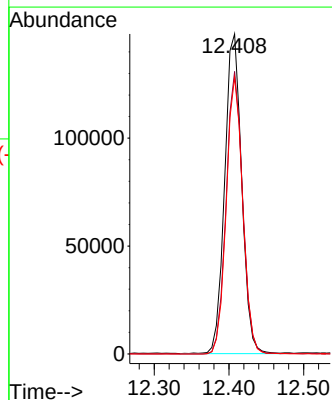
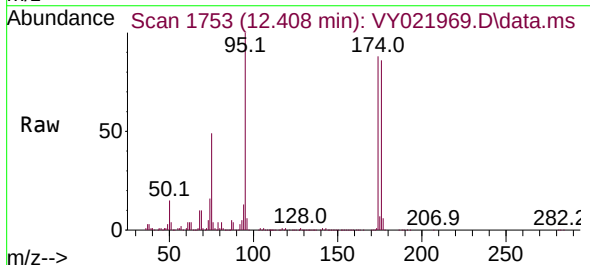
Instrument :
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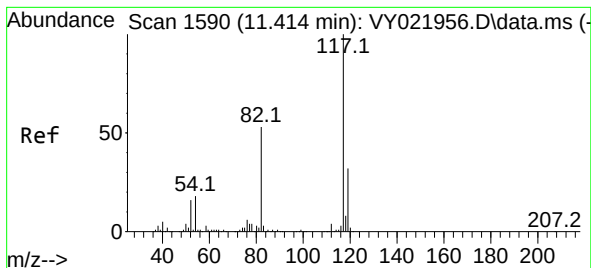
Tgt Ion: 98 Resp: 775529
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.229 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021969.D
Acq: 23 Apr 2025 14:16

Tgt Ion: 95 Resp: 234173
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.0
176 83.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021969.D

Acq: 23 Apr 2025 14:16

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

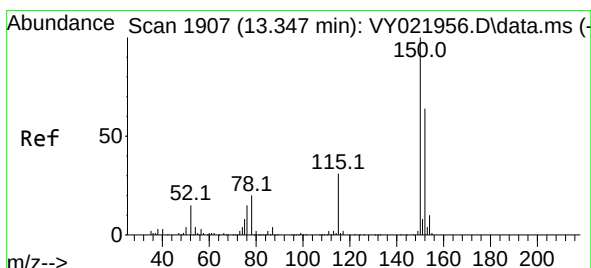
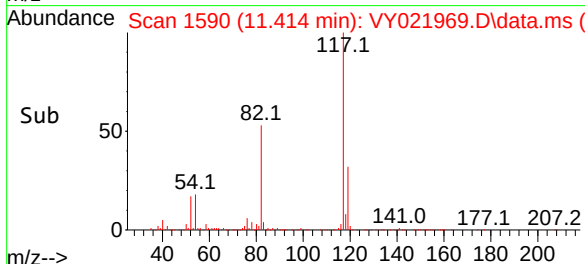
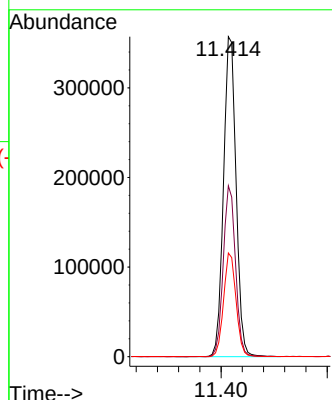
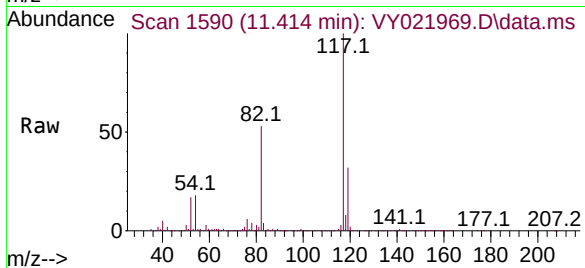
Tgt Ion:117 Resp: 585019

Ion Ratio Lower Upper

117 100

82 53.4 42.1 63.1

119 32.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021969.D

Acq: 23 Apr 2025 14:16

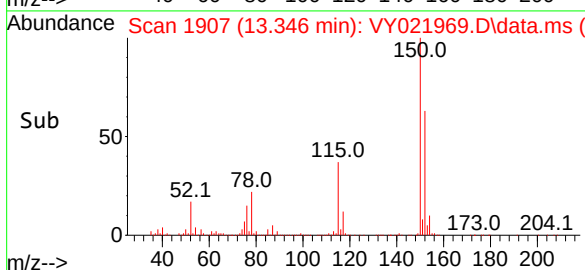
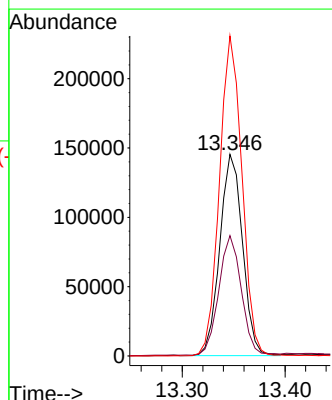
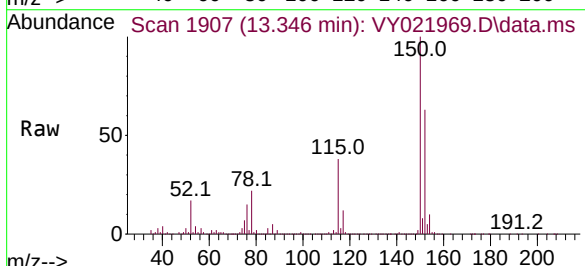
Tgt Ion:152 Resp: 223110

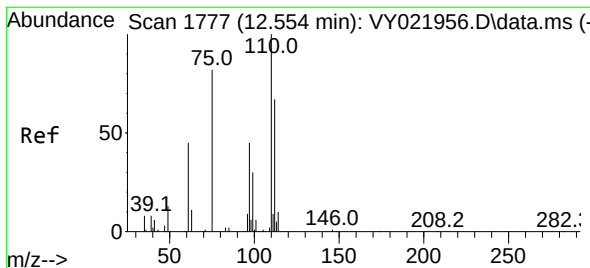
Ion Ratio Lower Upper

152 100

115 58.8 28.0 84.0

150 157.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 2.044 ug/l

RT: 12.633 min Scan# 1777

Delta R.T. 0.079 min

Lab File: VY021969.D

Acq: 23 Apr 2025 14:16

Instrument :

MSVOA_Y

ClientSampleId :

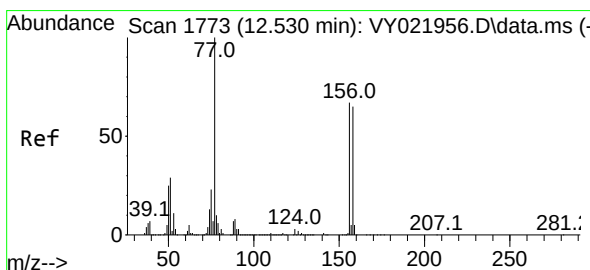
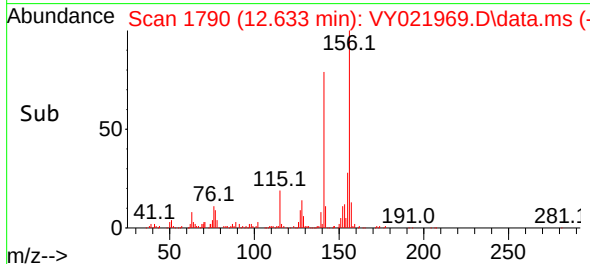
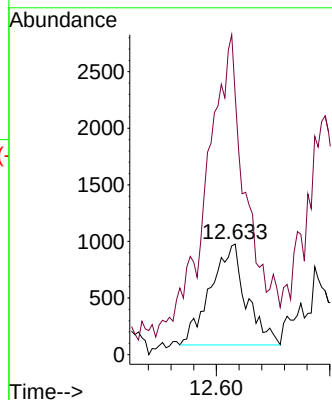
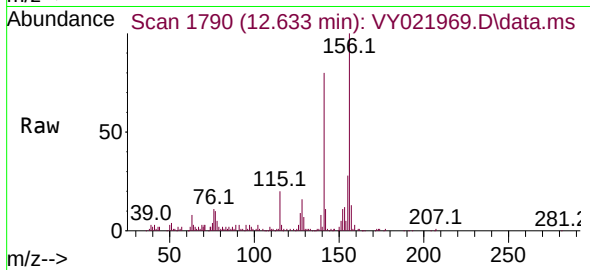
RBR200027

Tgt Ion: 75 Resp: 3907

Ion Ratio Lower Upper

75 100

77 204.7 0.0 0.0#



#77

Bromobenzene

Concen: 32.238 ug/l

RT: 12.615 min Scan# 1787

Delta R.T. 0.085 min

Lab File: VY021969.D

Acq: 23 Apr 2025 14:16

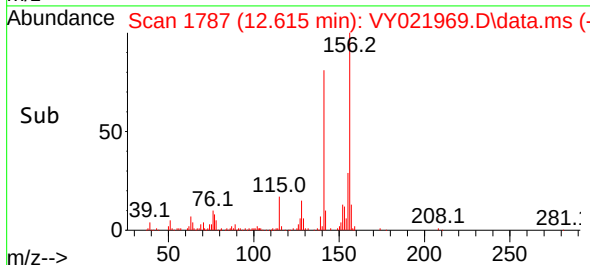
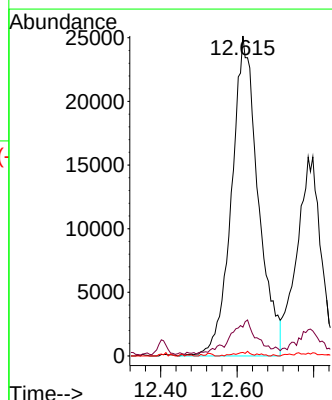
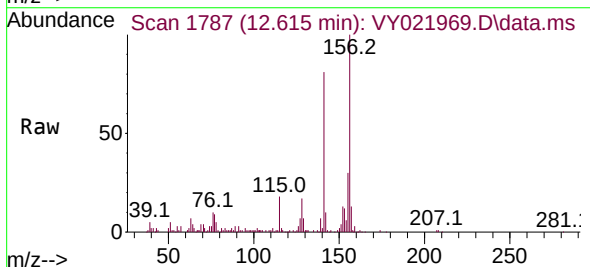
Tgt Ion: 156 Resp: 121427

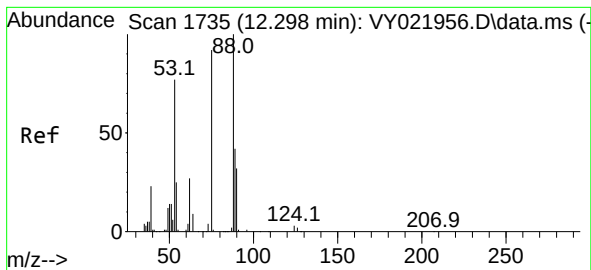
Ion Ratio Lower Upper

156 100

77 6.5 82.7 248.1#

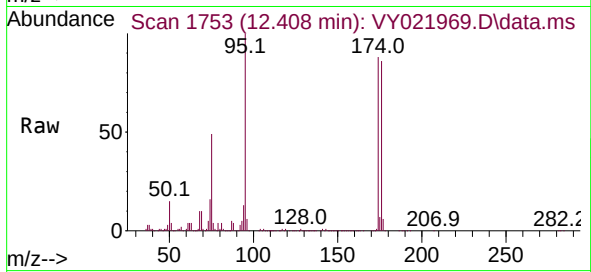
158 0.5 48.1 144.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.825 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021969.D
 Acq: 23 Apr 2025 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027



Tgt Ion: 75 Resp: 112549
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.0 99.0#
 89 0.1 37.2 55.8#

