

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021041.D
 Acq On : 03 Feb 2025 19:44
 Operator : SY/MD
 Sample : Q1207-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:59:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

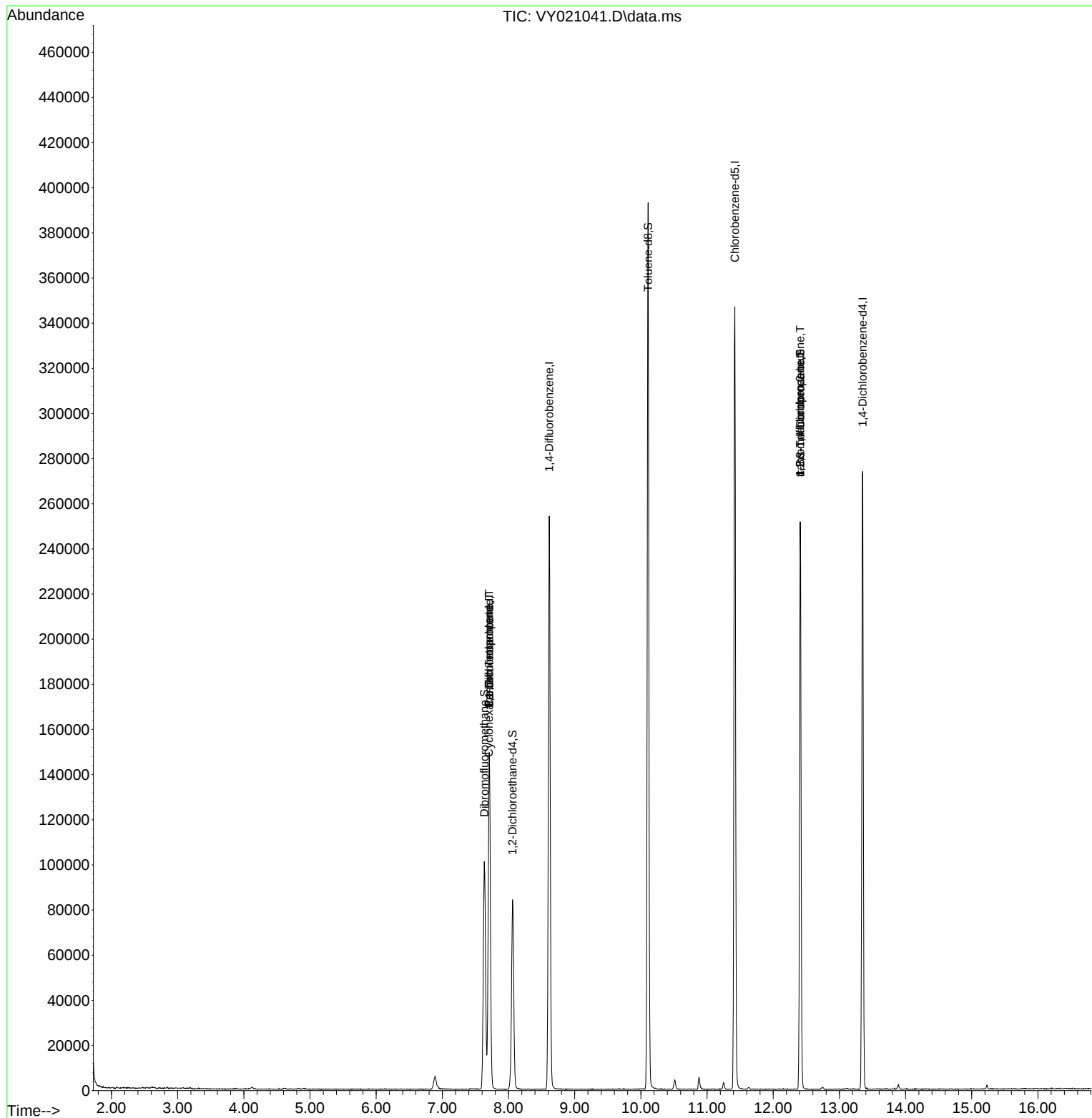
Internal Standards						
1) Pentafluorobenzene	7.707	168	114628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	206985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	183953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65909	56.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.634	113	69718	52.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.109	98	248922	49.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.408	95	73745	44.698	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.400%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.701	56	2513	1.255	ug/l #	29
36) 1,1-Dichloropropene	7.707	75	9100	4.632	ug/l #	51
38) Carbon Tetrachloride	7.707	117	11862	5.167	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	40476	63.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	40476	130.396	ug/l #	12

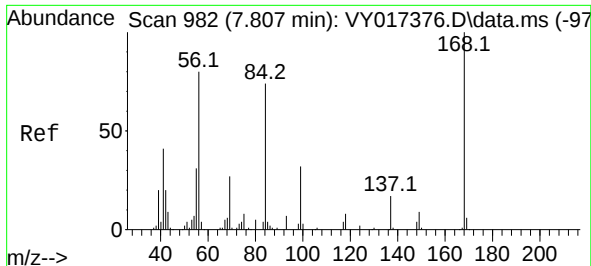
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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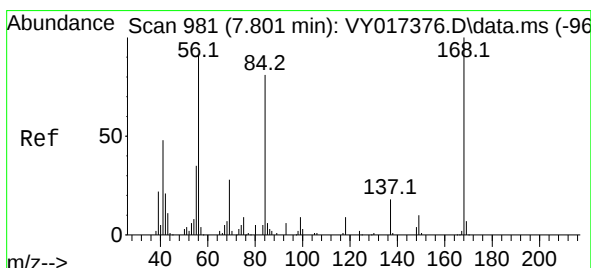
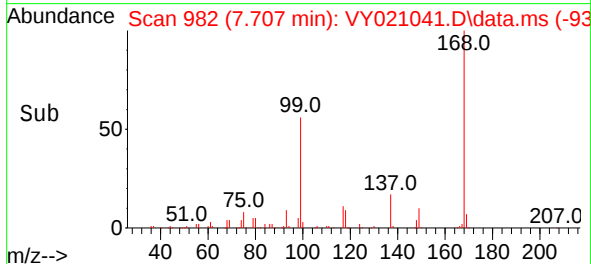
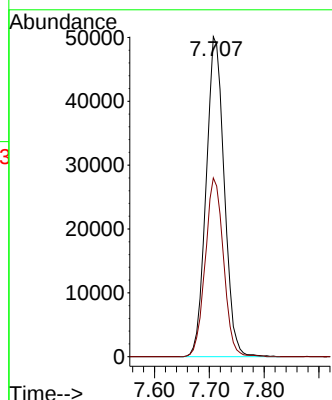
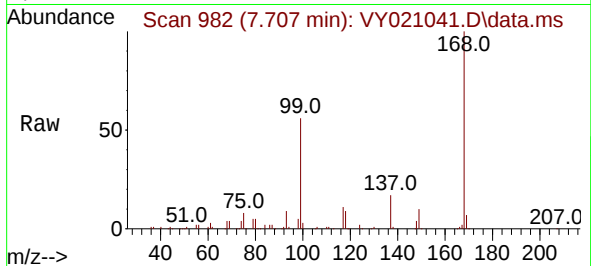




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

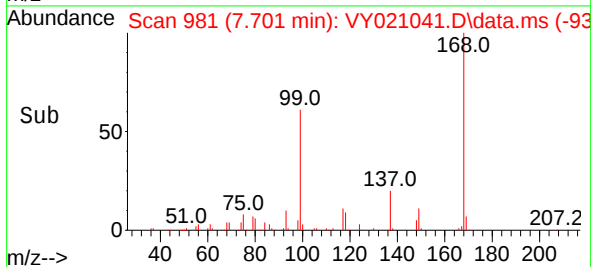
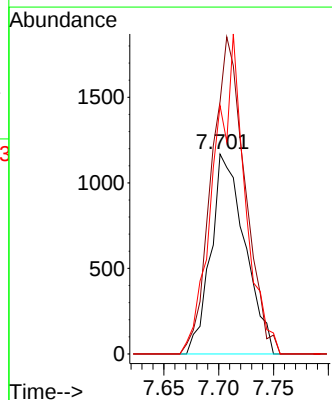
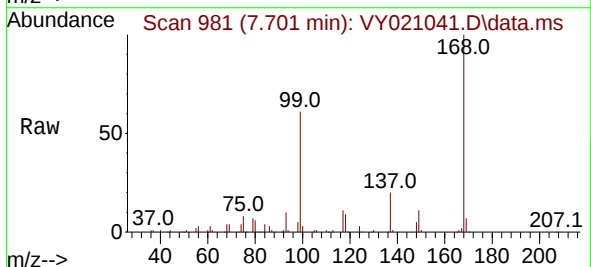
Instrument :
MSVOA_Y
ClientSampleId :

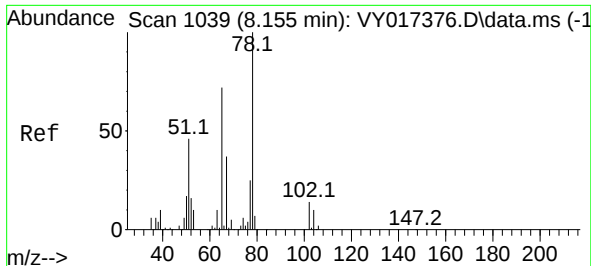
Tgt Ion:168 Resp: 114628
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

Tgt Ion: 56 Resp: 2513
Ion Ratio Lower Upper
56 100
69 126.2 27.0 40.6#
84 124.2 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.119 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

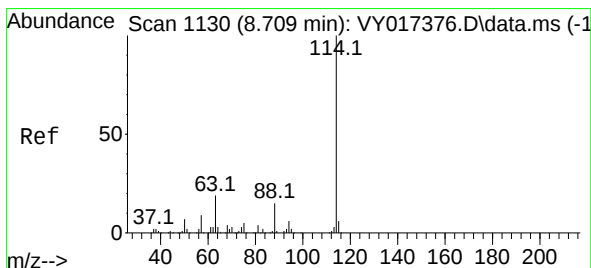
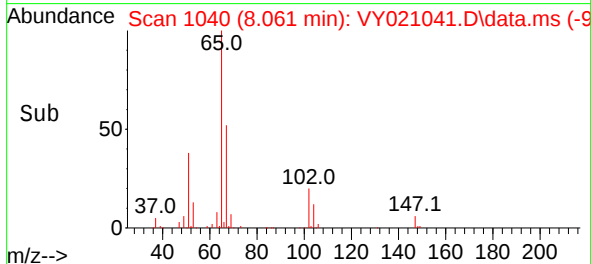
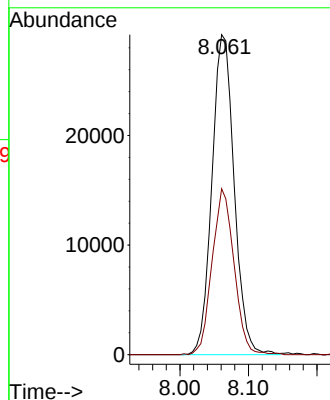
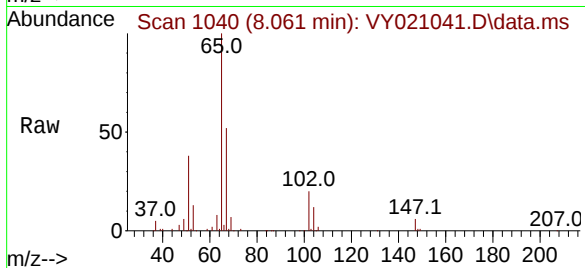
ClientSampleId :

Tgt Ion: 65 Resp: 65909

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

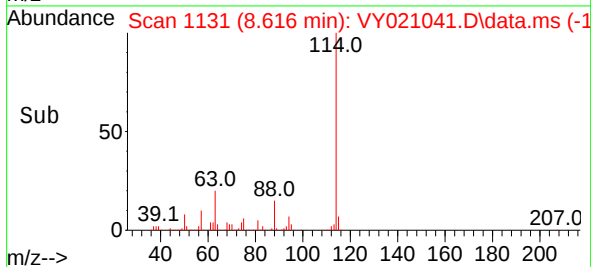
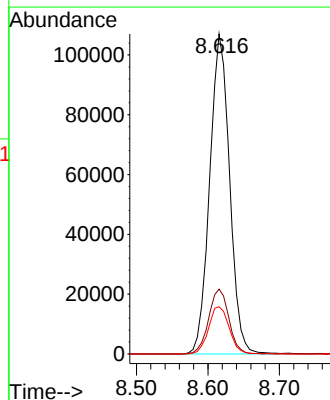
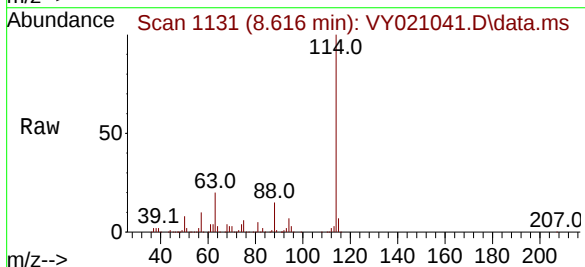
Tgt Ion:114 Resp: 206985

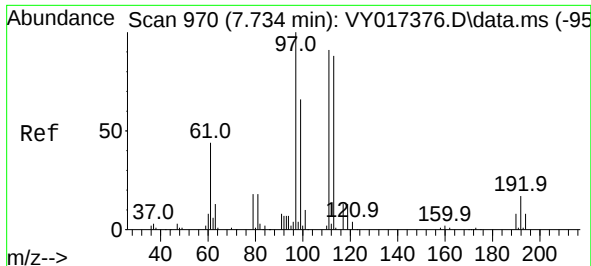
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021041.D

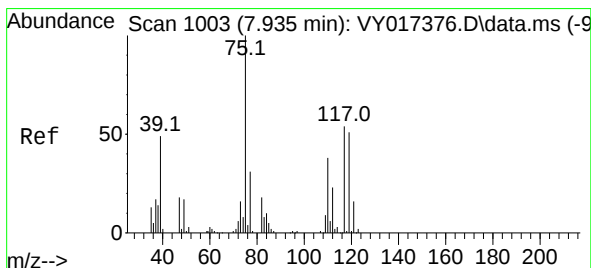
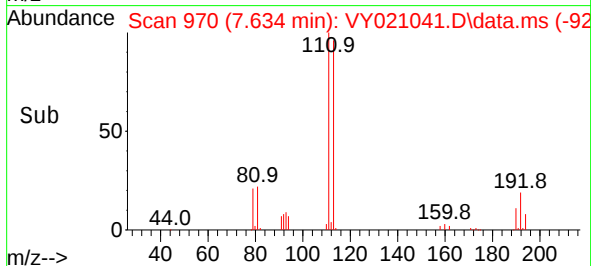
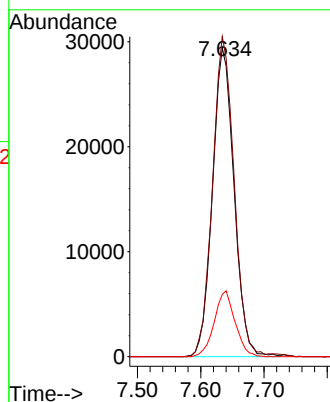
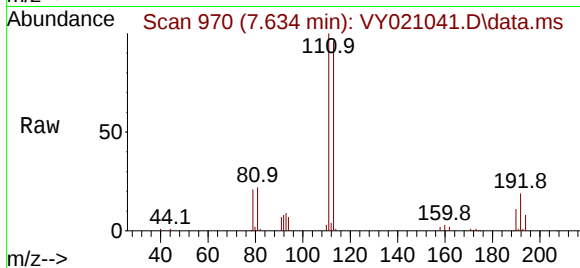
Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:113	Resp:	69718
Ion	Ratio	Lower Upper
113	100	
111	103.6	83.8 125.6
192	20.5	14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.632 ug/l

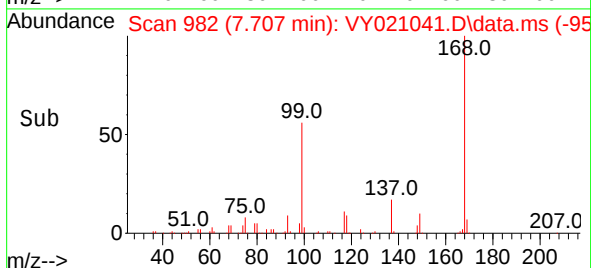
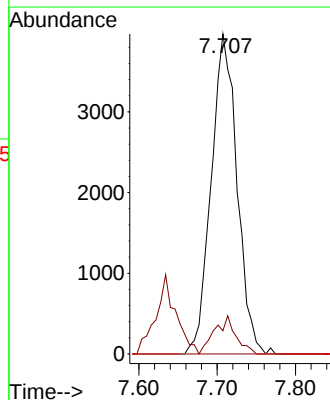
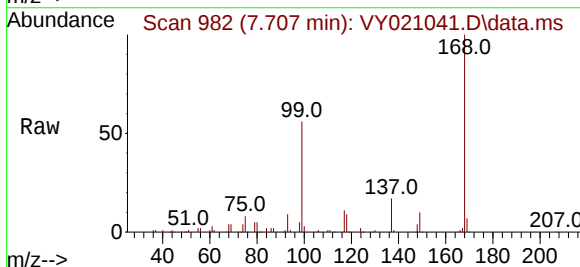
RT: 7.707 min Scan# 982

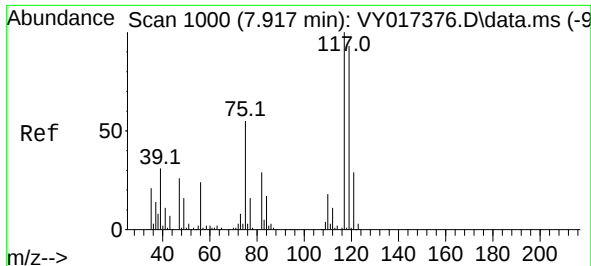
Delta R.T. -0.134 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

Tgt Ion: 75	Resp:	9100
Ion	Ratio	Lower Upper
75	100	
110	9.8	17.4 52.3#
77	0.0	24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.167 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

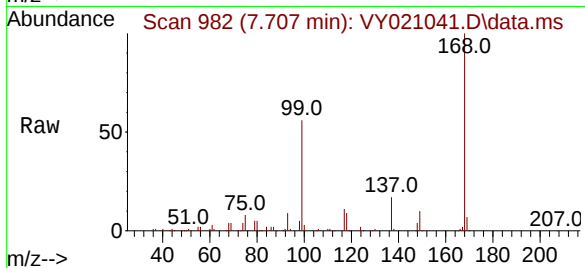
Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :



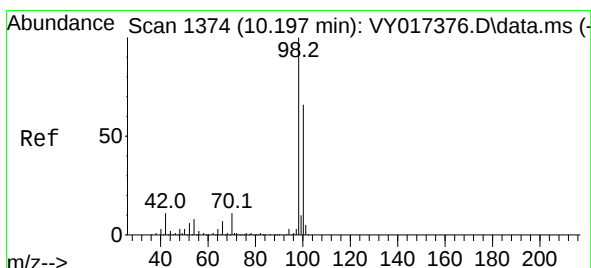
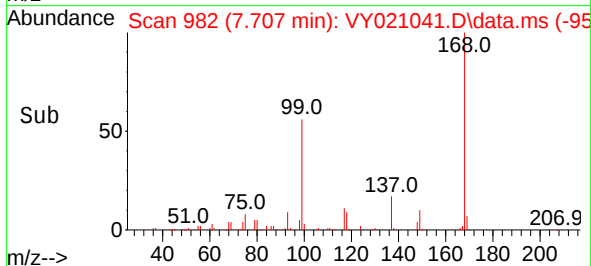
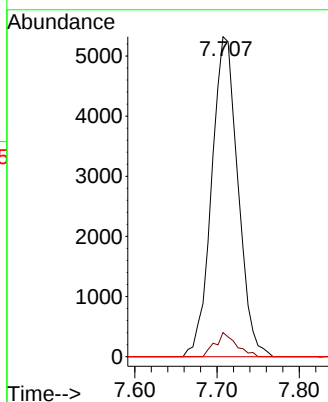
Tgt Ion:117 Resp: 11862

Ion Ratio Lower Upper

117 100

119 7.6 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.291 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021041.D

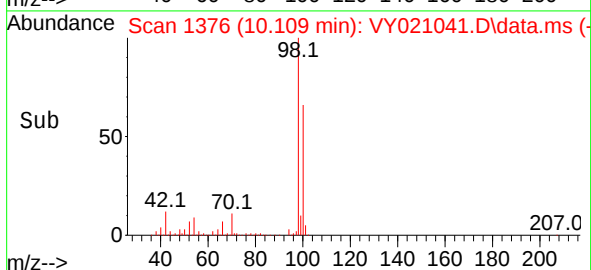
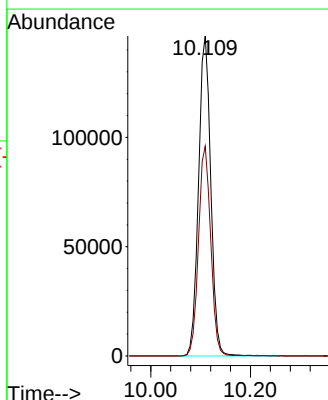
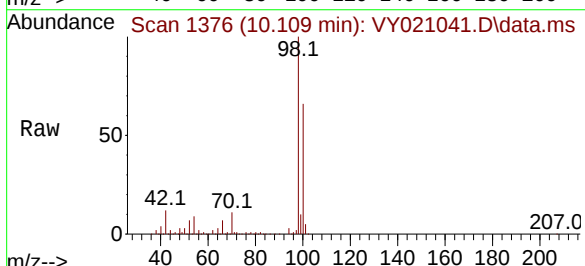
Acq: 03 Feb 2025 19:44

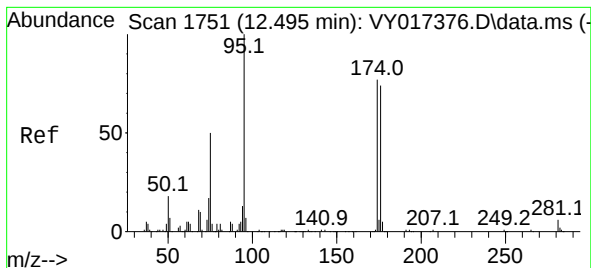
Tgt Ion: 98 Resp: 248922

Ion Ratio Lower Upper

98 100

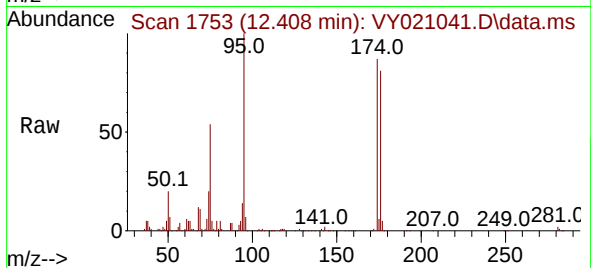
100 65.6 52.3 78.5



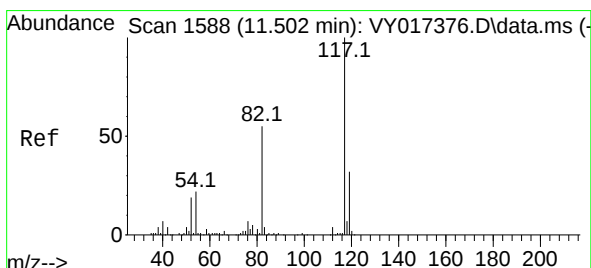
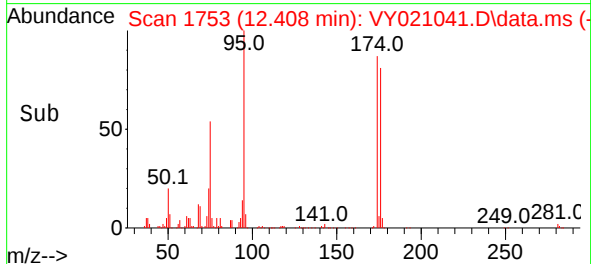
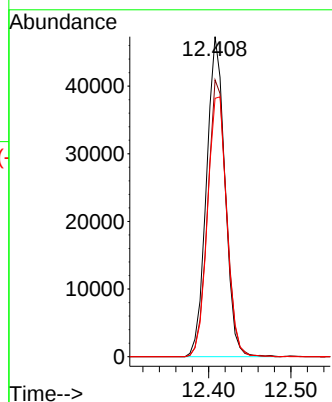


#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

Instrument :
MSVOA_Y
ClientSampleId :

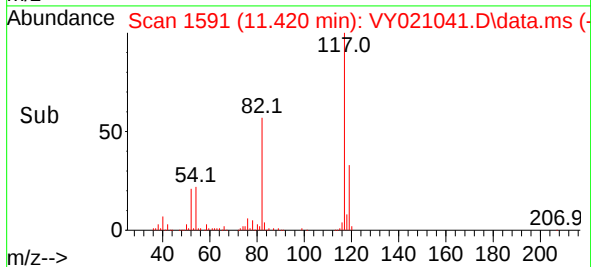
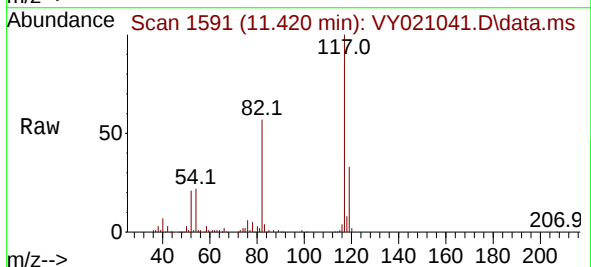
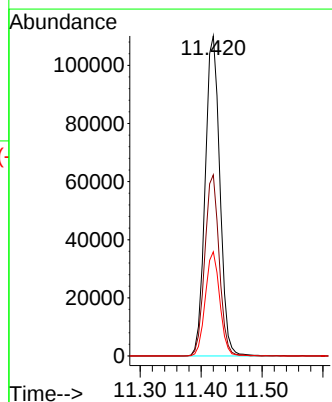


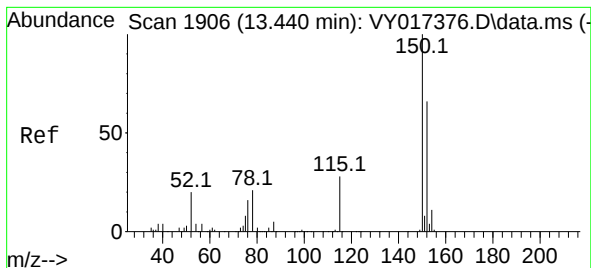
Tgt Ion: 95 Resp: 73745
Ion Ratio Lower Upper
95 100
174 87.9 0.0 160.0
176 85.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

Tgt Ion: 117 Resp: 183953
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 32.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

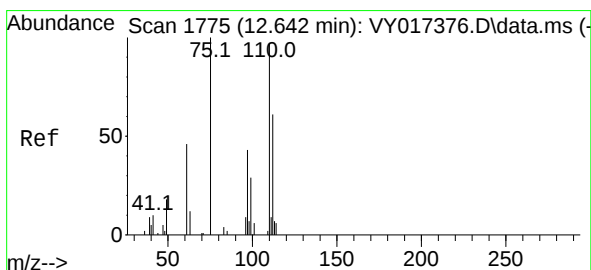
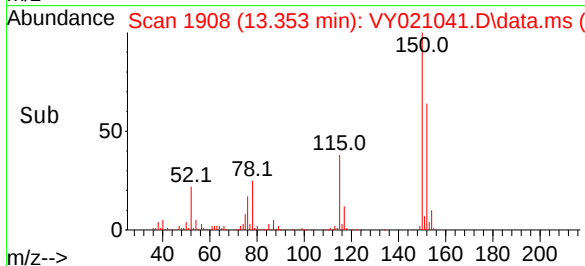
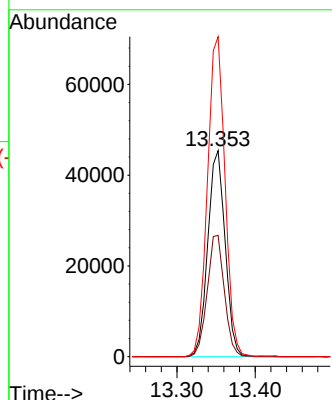
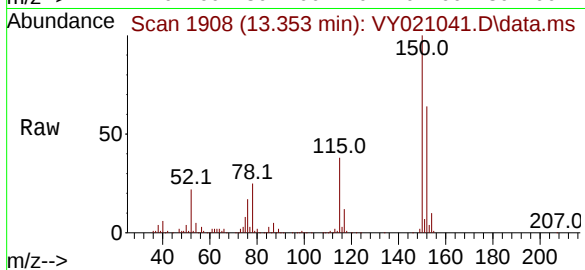
Tgt Ion:152 Resp: 69823

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 63.905 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021041.D

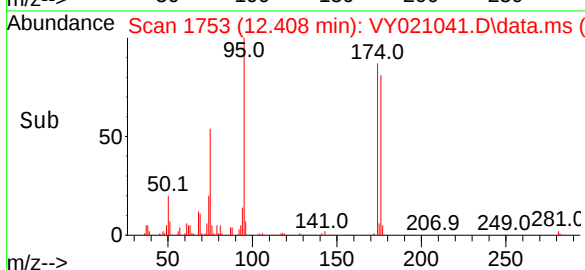
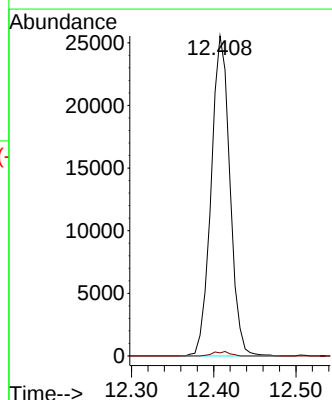
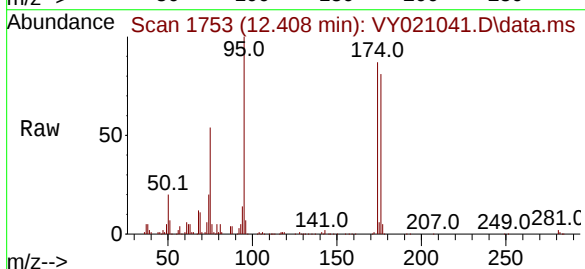
Acq: 03 Feb 2025 19:44

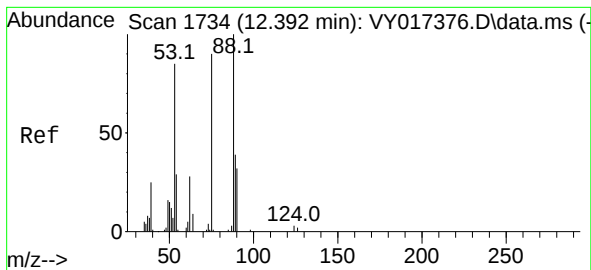
Tgt Ion: 75 Resp: 40476

Ion Ratio Lower Upper

75 100

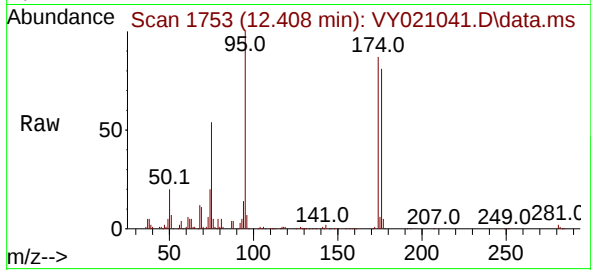
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.396 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021041.D
 Acq: 03 Feb 2025 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 40476
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.1 36.5 54.7#

