

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021042.D
 Acq On : 03 Feb 2025 20:08
 Operator : SY/MD
 Sample : Q1207-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:00:03 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)

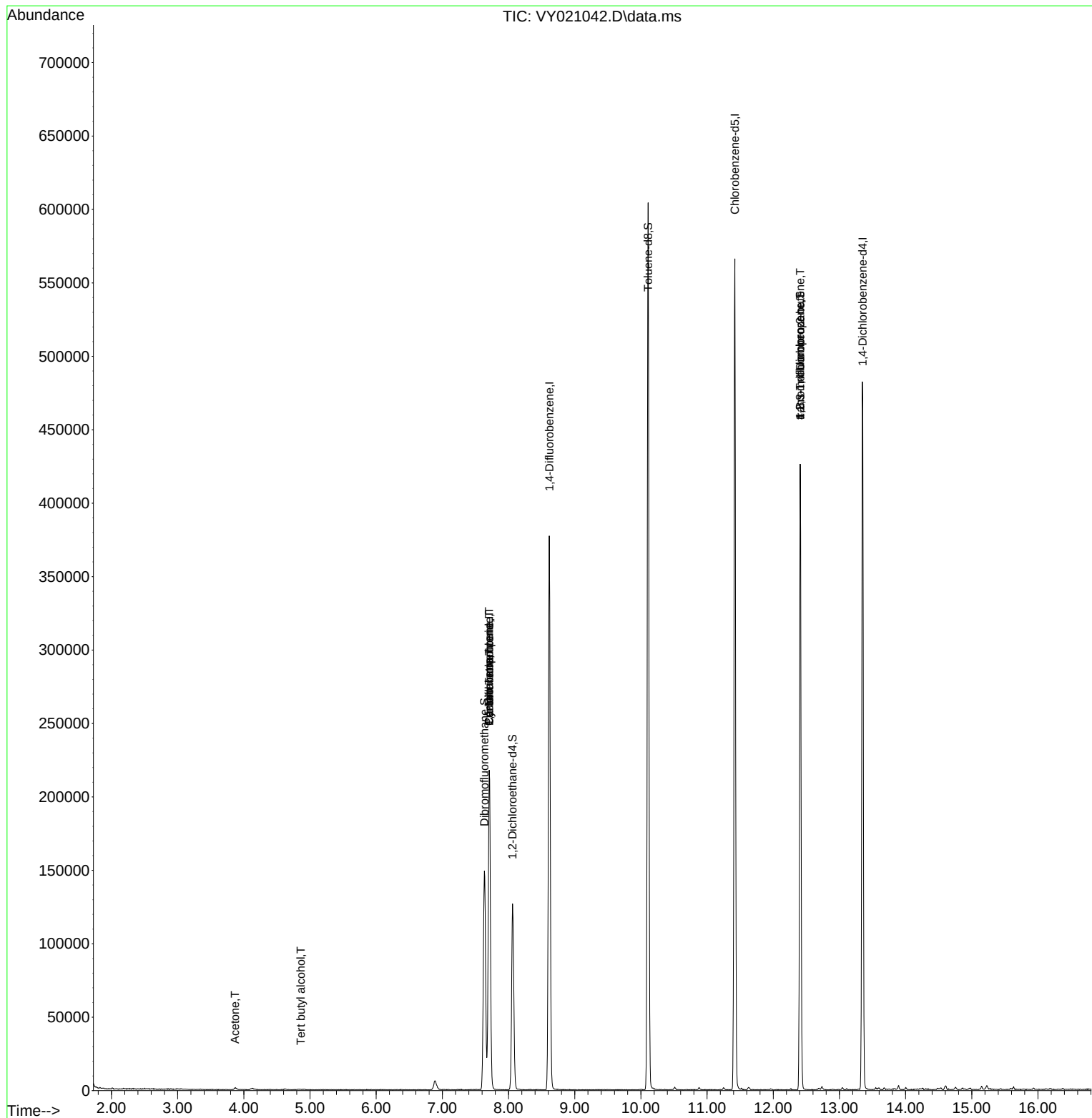
Internal Standards						
1) Pentafluorobenzene	7.707	168	166979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	314925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100658	58.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.680%
35) Dibromofluoromethane	7.634	113	104033	51.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.100%
50) Toluene-d8	10.109	98	382500	49.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.408	95	122640	48.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	141	1.216	ug/l #	75
16) Acetone	3.867	43	2150	8.058	ug/l #	77
31) Cyclohexane	7.707	56	3845	1.318	ug/l #	25
36) 1,1-Dichloropropene	7.707	75	13038	4.361	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17131	4.904	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	68245	62.414	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68245	127.354	ug/l #	12

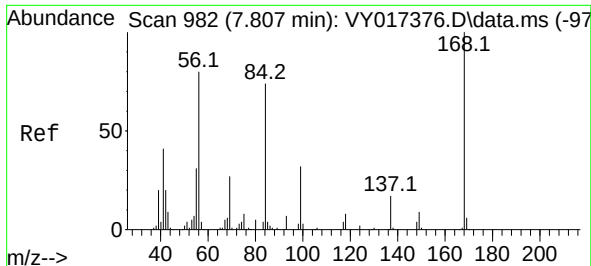
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020325\
Data File : VY021042.D
Acq On : 03 Feb 2025 20:08
Operator : SY/MD
Sample : Q1207-05
Misc : 5.08g/5.0mL/MSV0A_Y/SOIL/B
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

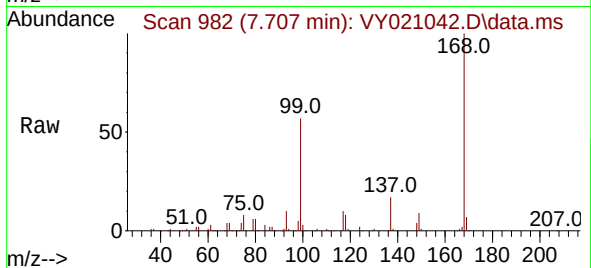
Quant Time: Feb 04 01:00:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



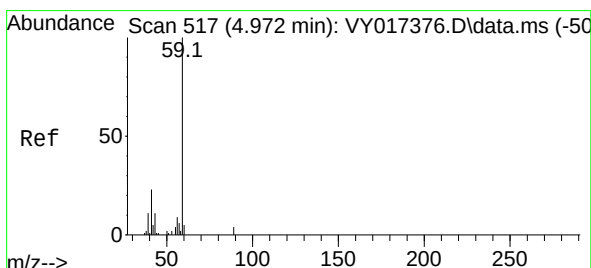
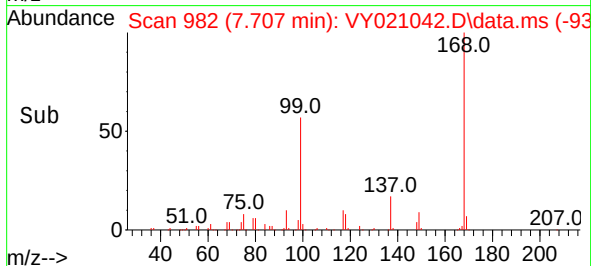
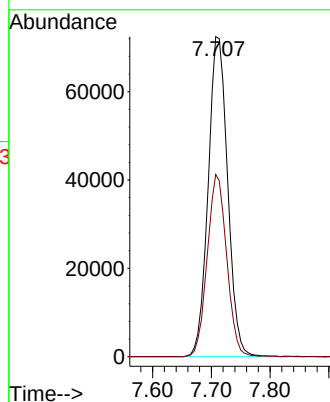


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

Instrument :
MSVOA_Y
ClientSampleId :

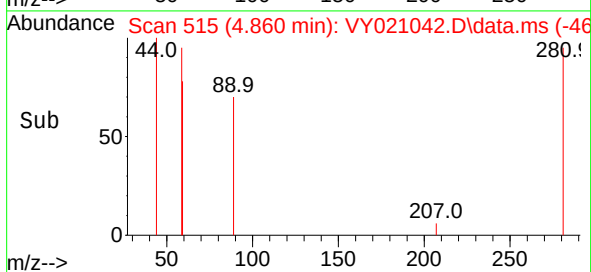
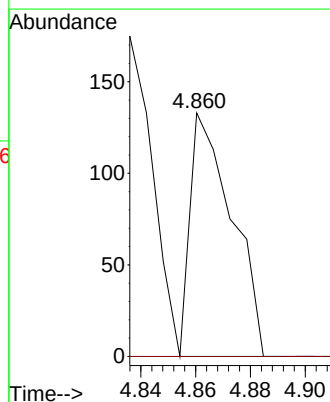
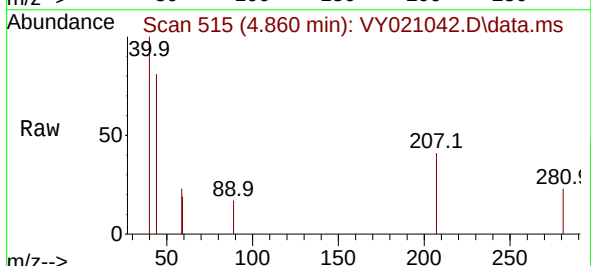


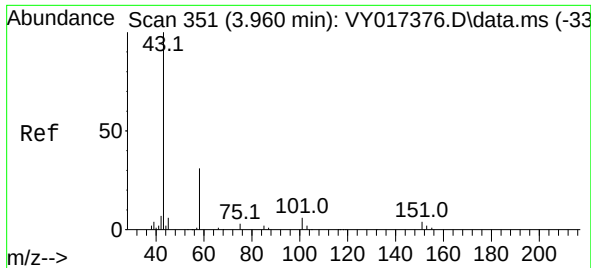
Tgt Ion:168 Resp: 166979
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.216 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021042.D
Acq: 03 Feb 2025 20:08

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 8.058 ug/l

RT: 3.867 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

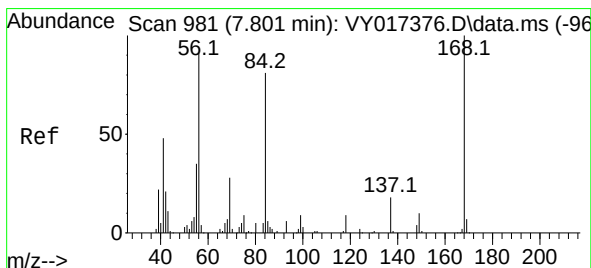
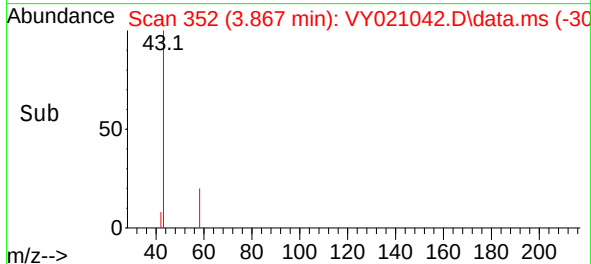
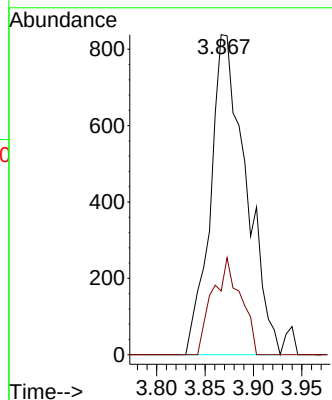
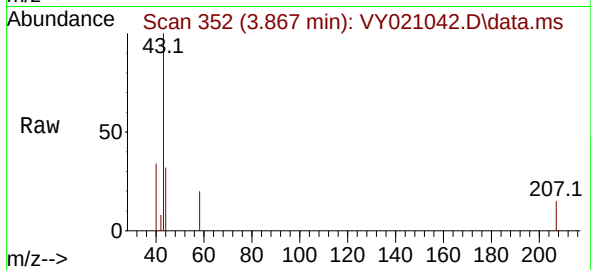
ClientSampleId :

Tgt Ion: 43 Resp: 2150

Ion Ratio Lower Upper

43 100

58 19.9 26.6 39.8#



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

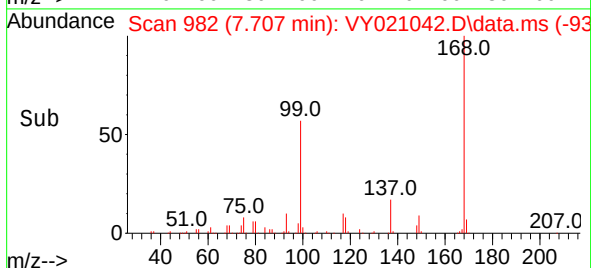
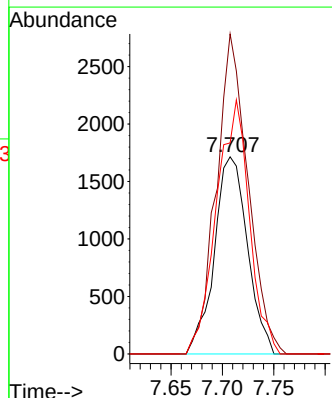
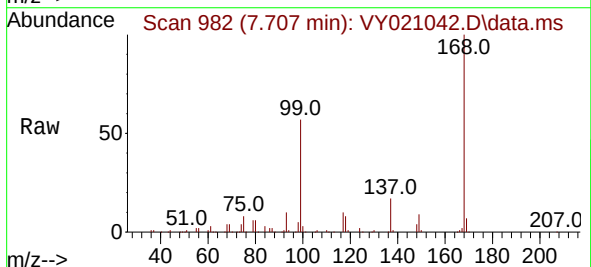
Tgt Ion: 56 Resp: 3845

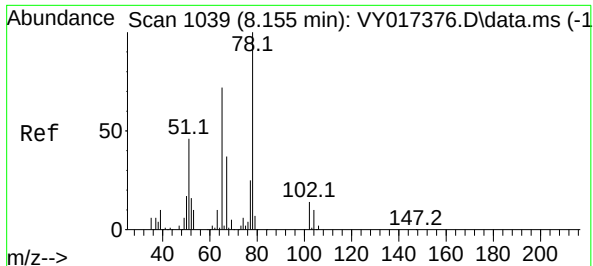
Ion Ratio Lower Upper

56 100

69 162.3 27.0 40.6#

84 107.1 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 58.836 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

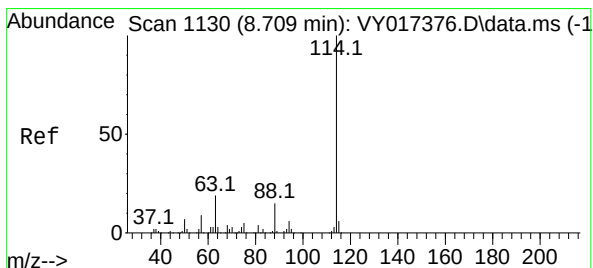
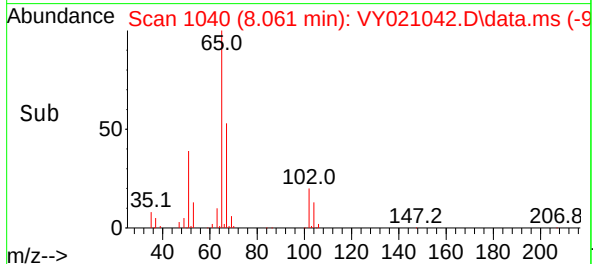
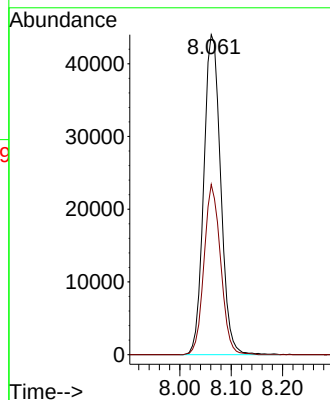
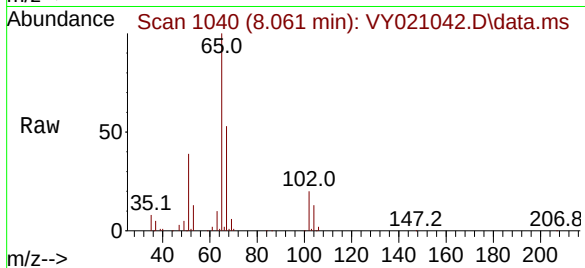
ClientSampleId :

Tgt Ion: 65 Resp: 100658

Ion Ratio Lower Upper

65 100

67 52.1 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: VY021042.D

Acq: 03 Feb 2025 20:08

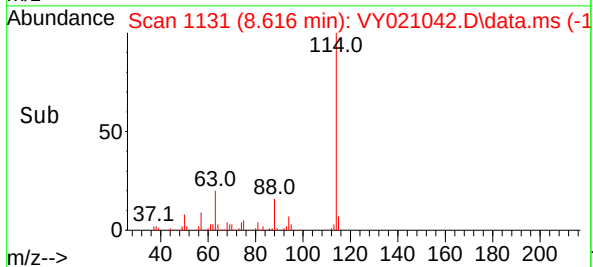
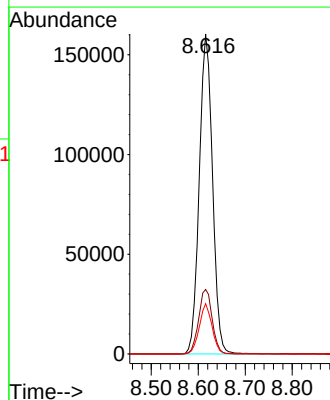
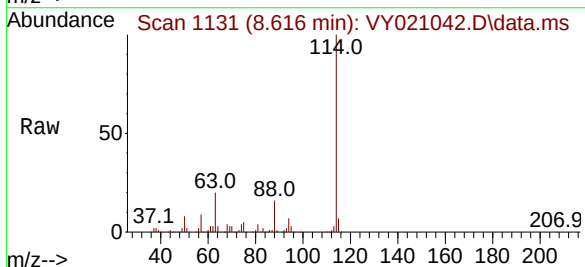
Tgt Ion:114 Resp: 314925

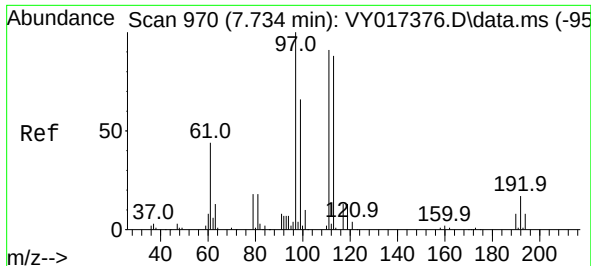
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.546 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

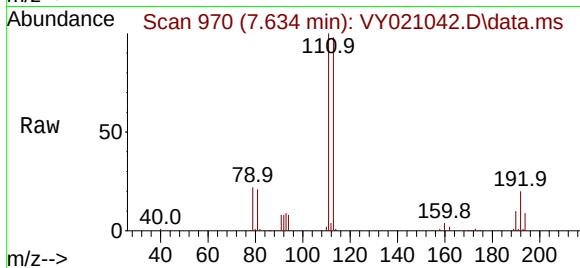
Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

ClientSampleId :



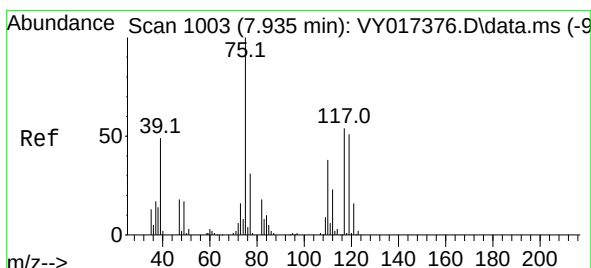
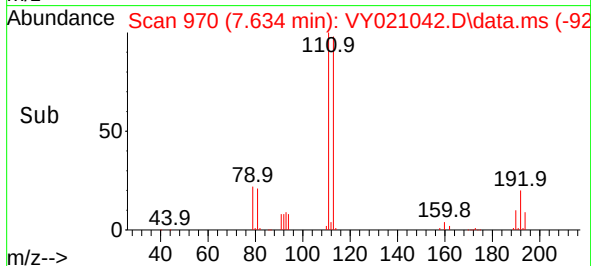
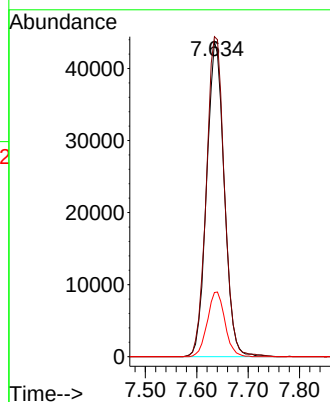
Tgt Ion:113 Resp: 104033

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 20.6 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.361 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

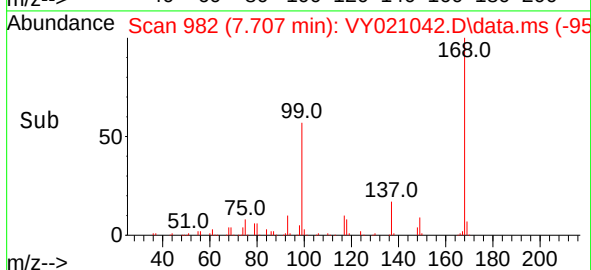
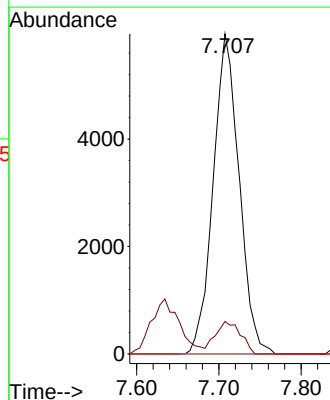
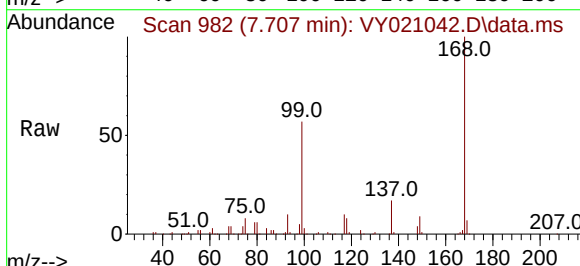
Tgt Ion: 75 Resp: 13038

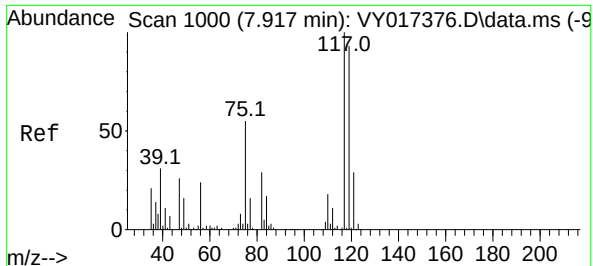
Ion Ratio Lower Upper

75 100

110 9.8 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.904 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

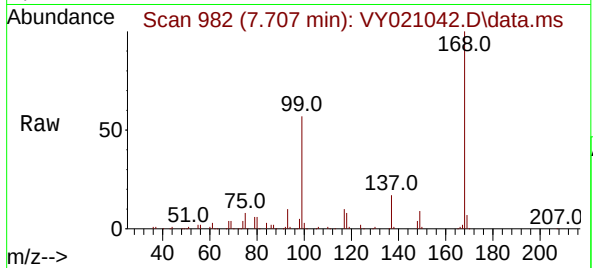
Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

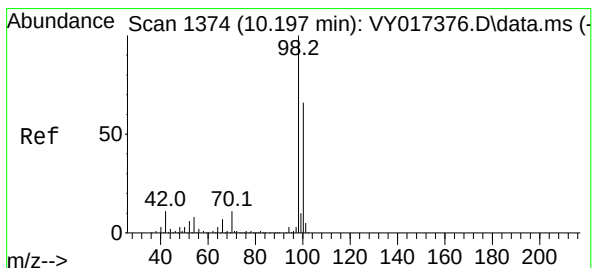
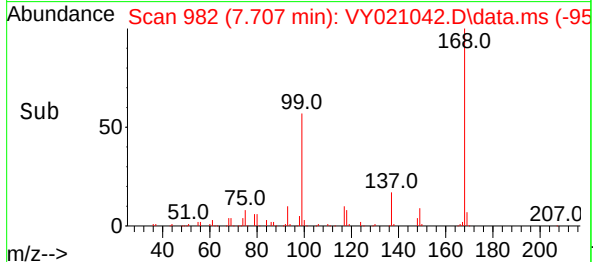
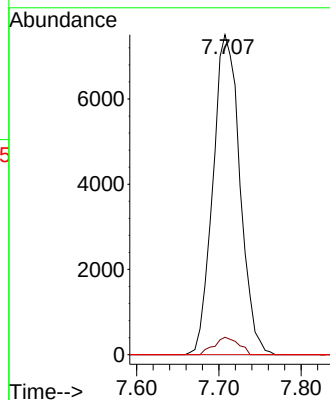
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	17131
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.0	114.0#
121	0.0	24.2	36.2#



#50

Toluene-d8

Concen: 49.781 ug/l

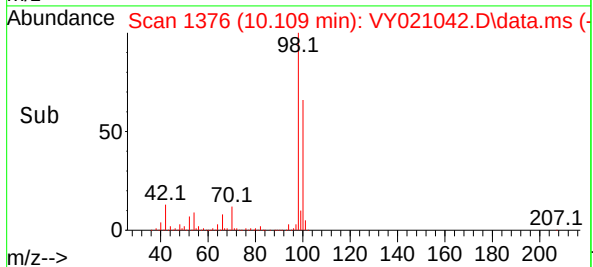
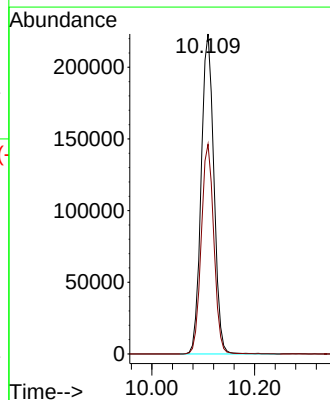
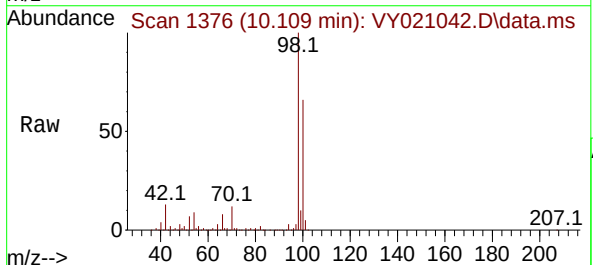
RT: 10.109 min Scan# 1376

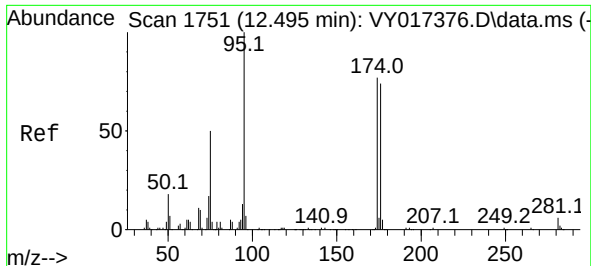
Delta R.T. 0.000 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Tgt Ion:	98	Resp:	382500
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





#62

4-Bromofluorobenzene

Concen: 48.857 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021042.D

Acq: 03 Feb 2025 20:08

Instrument :

MSVOA_Y

ClientSampleId :

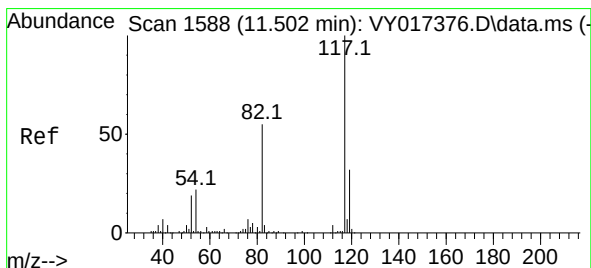
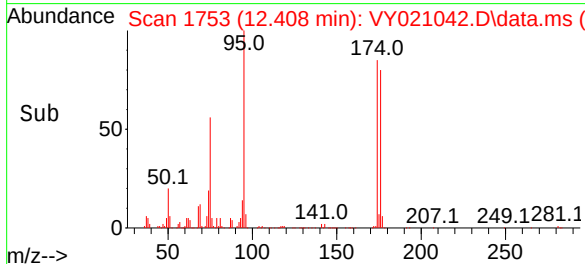
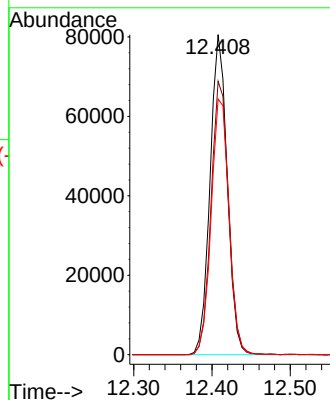
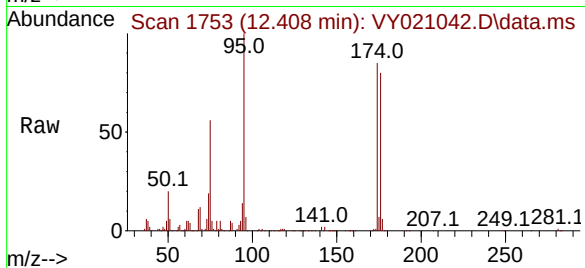
Tgt Ion: 95 Resp: 122640

Ion Ratio Lower Upper

95 100

174 87.6 0.0 160.0

176 82.9 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: VY021042.D

Acq: 03 Feb 2025 20:08

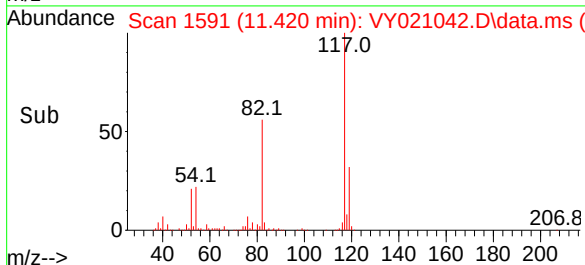
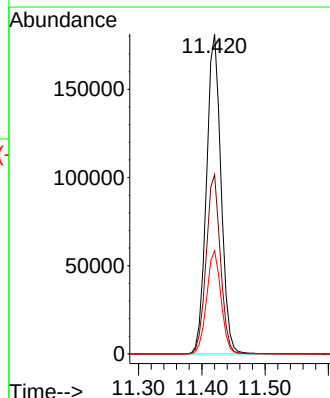
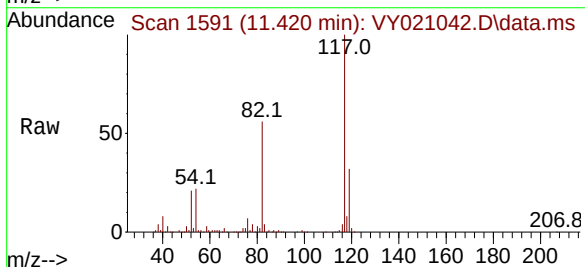
Tgt Ion: 117 Resp: 290112

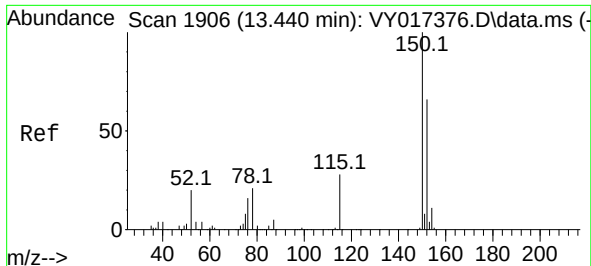
Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.2 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

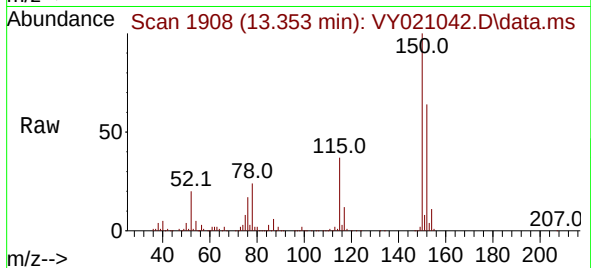
Lab File: VY021042.D

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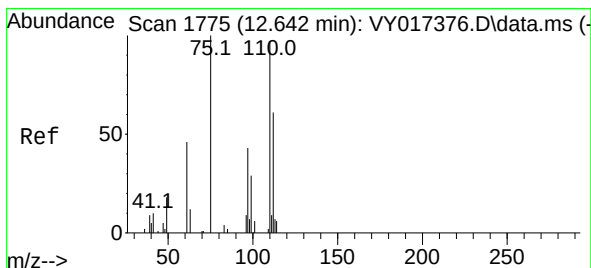
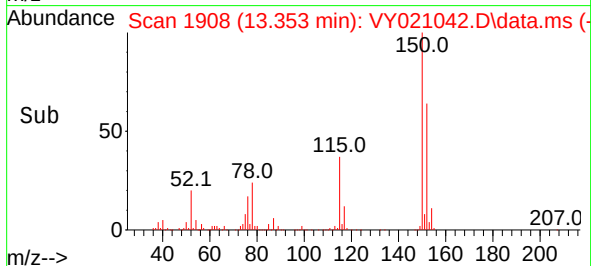
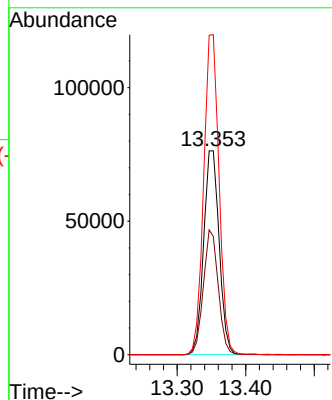
Tgt Ion:152 Resp: 120538

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 155.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 62.414 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021042.D

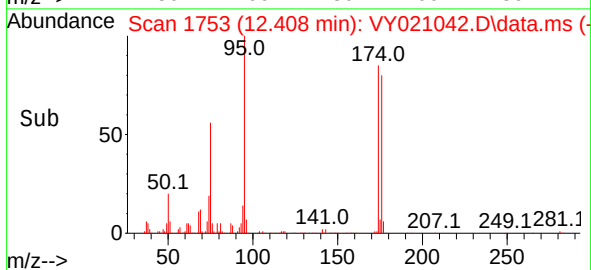
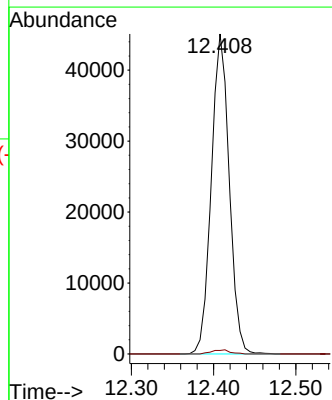
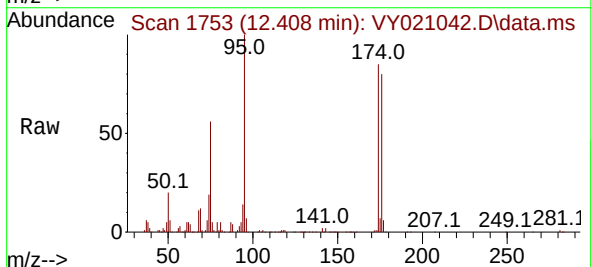
Acq: 03 Feb 2025 20:08

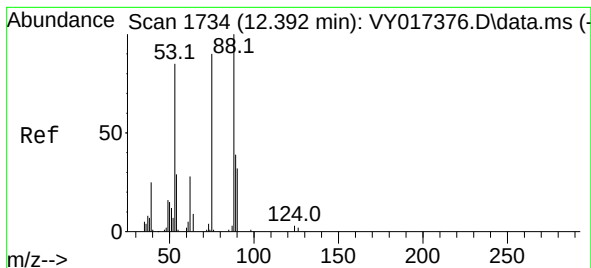
Tgt Ion: 75 Resp: 68245

Ion Ratio Lower Upper

75 100

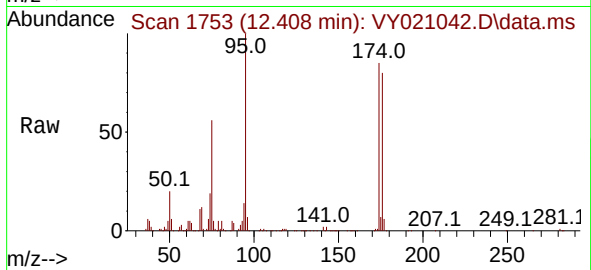
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.354 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021042.D
 Acq: 03 Feb 2025 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68245
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

