

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021983.D
 Acq On : 23 Apr 2025 19:44
 Operator : SY/MD
 Sample : Q1859-03
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 24 03:48:23 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)

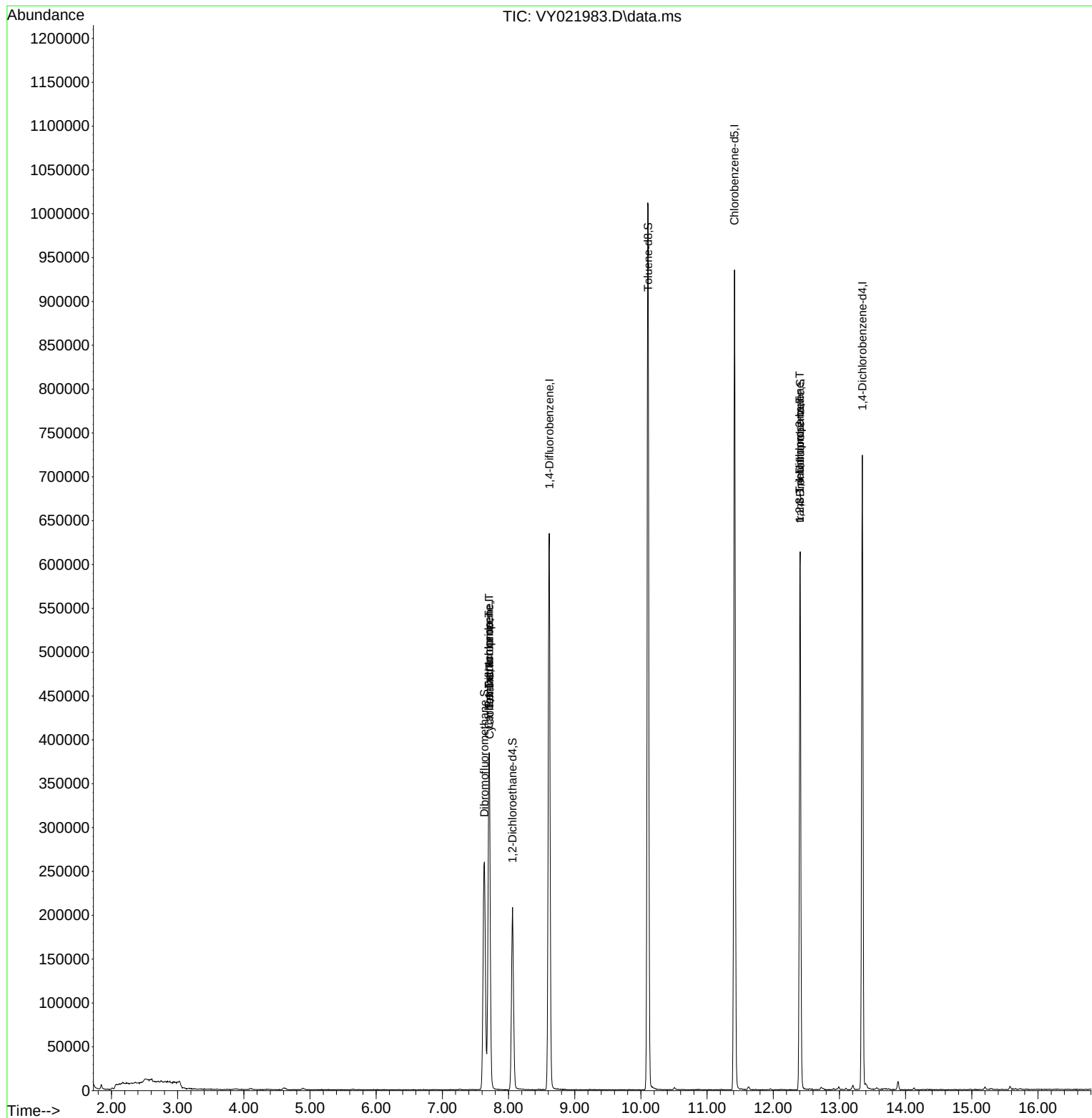
Internal Standards						
1) Pentafluorobenzene	7.707	168	301412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	507894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	187146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156199	56.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.200%
35) Dibromofluoromethane	7.634	113	190997	50.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.109	98	688433	48.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.408	95	193942	40.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.720%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1722	Below Cal		95
31) Cyclohexane	7.713	56	6037	1.312	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	22369	4.398	ug/l #	48
38) Carbon Tetrachloride	7.701	117	29697	4.887	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	93036	58.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	93036	139.766	ug/l #	16

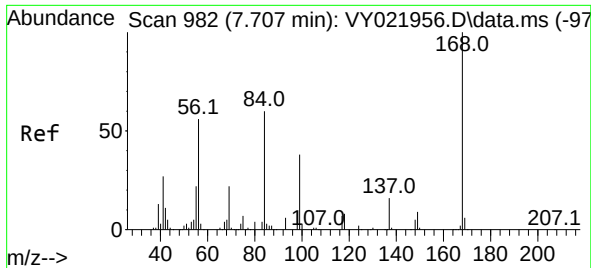
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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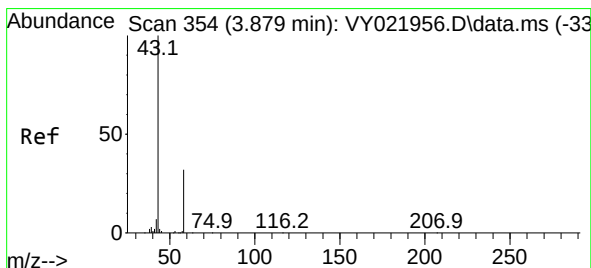
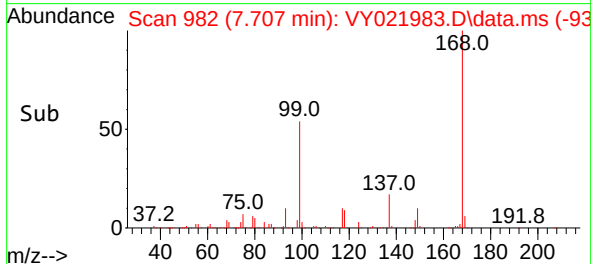
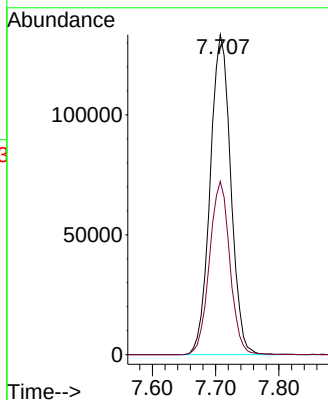
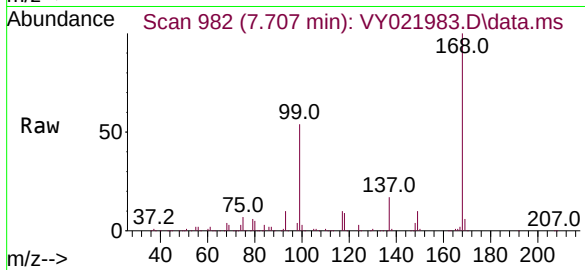




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

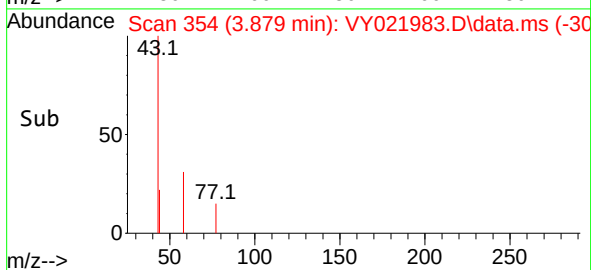
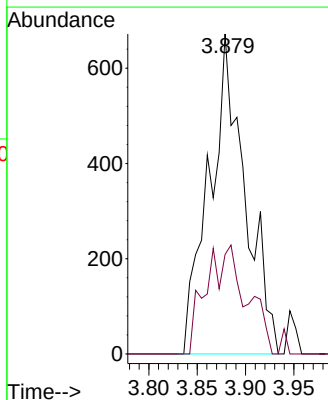
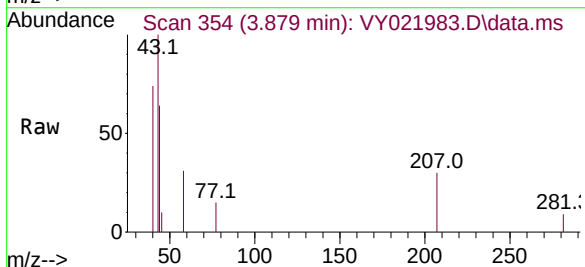
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

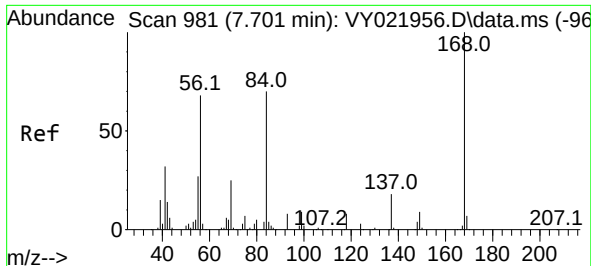
Tgt Ion:168 Resp: 301412
Ion Ratio Lower Upper
168 100
99 54.2 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 31.1 27.0 40.4

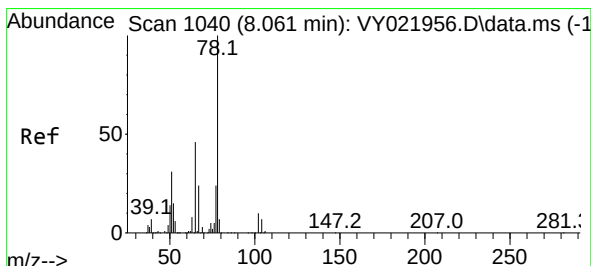
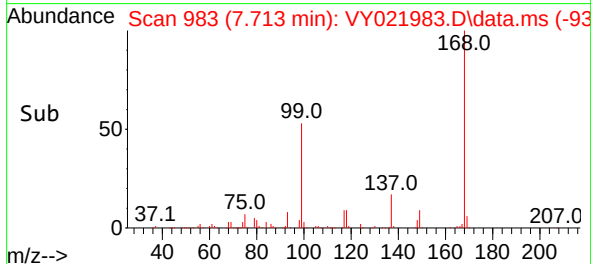
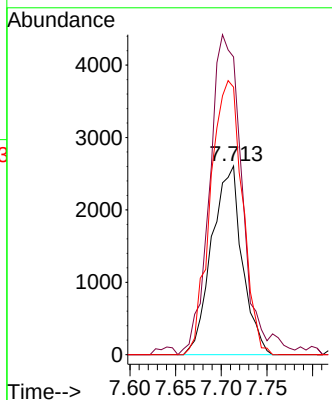
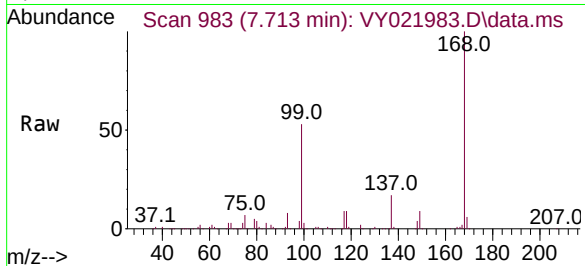




#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

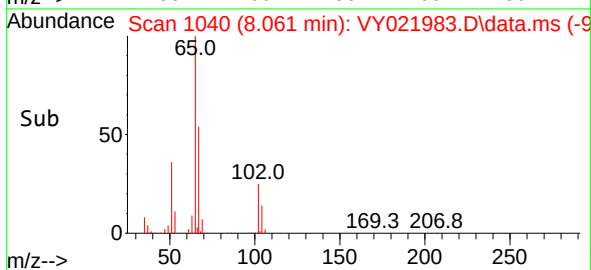
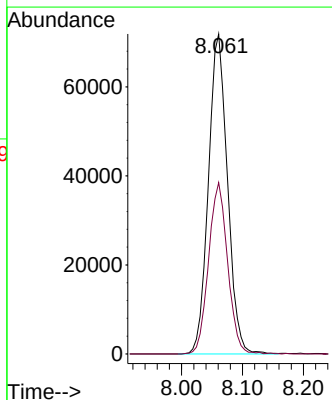
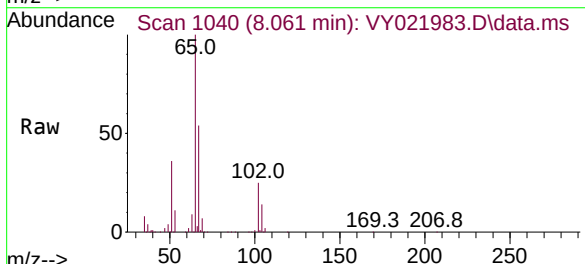
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

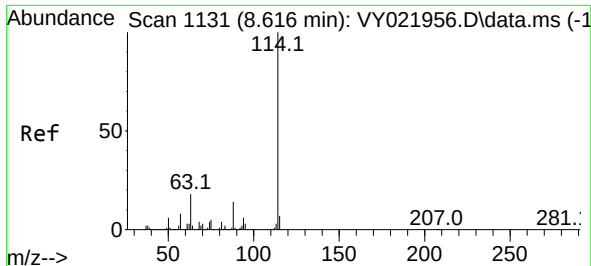
Tgt Ion: 56 Resp: 6037
Ion Ratio Lower Upper
56 100
69 157.9 29.4 44.2#
84 141.9 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 56.104 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

Tgt Ion: 65 Resp: 156199
Ion Ratio Lower Upper
65 100
67 53.4 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: VY021983.D

Acq: 23 Apr 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

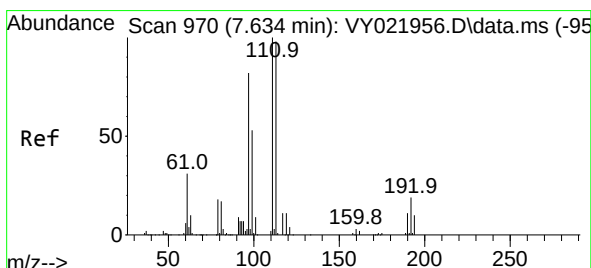
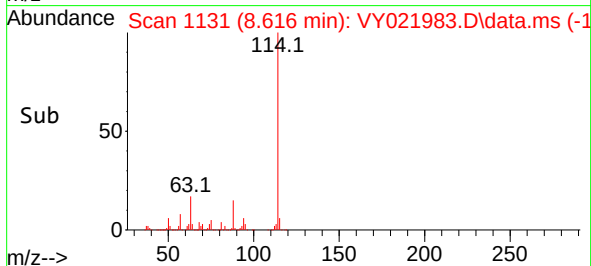
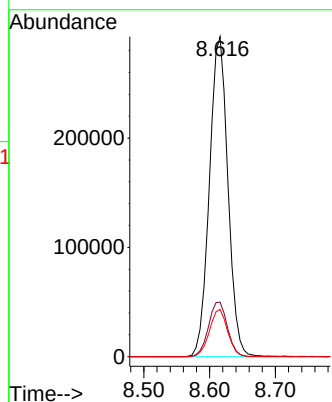
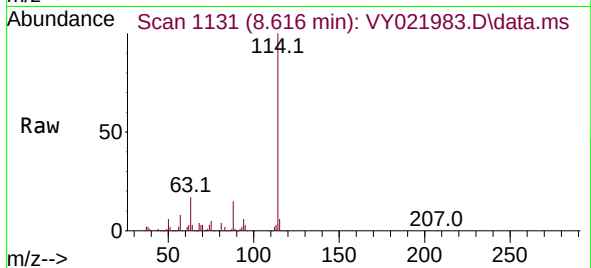
Tgt Ion:114 Resp: 573101

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.4

88 14.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.445 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021983.D

Acq: 23 Apr 2025 19:44

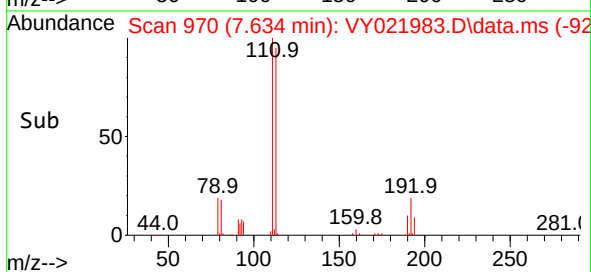
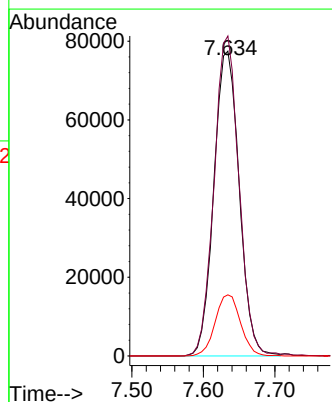
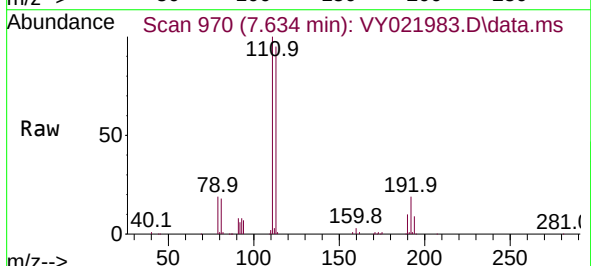
Tgt Ion:113 Resp: 190997

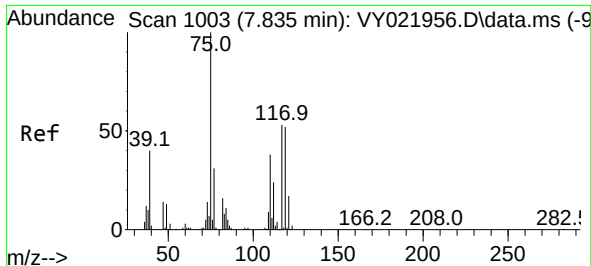
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 20.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.398 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021983.D

Acq: 23 Apr 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

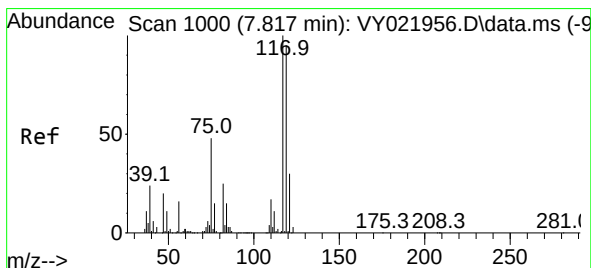
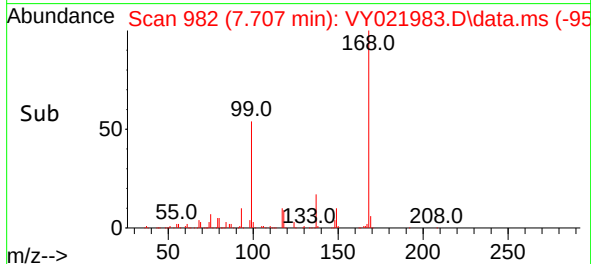
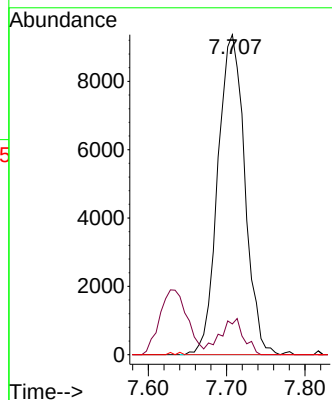
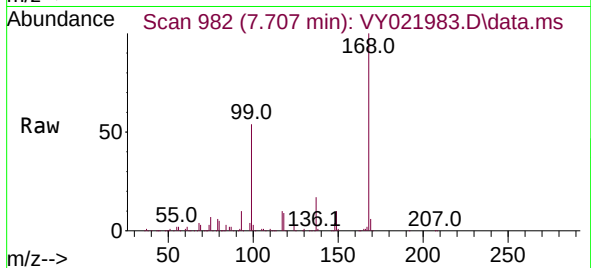
Tgt Ion: 75 Resp: 22369

Ion Ratio Lower Upper

75 100

110 9.9 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 4.887 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY021983.D

Acq: 23 Apr 2025 19:44

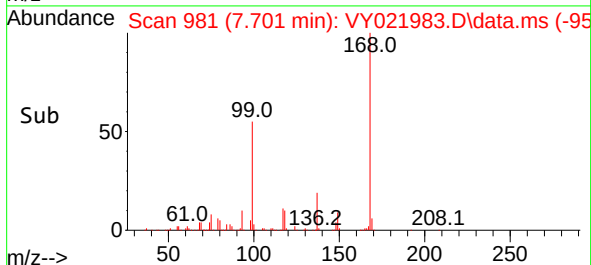
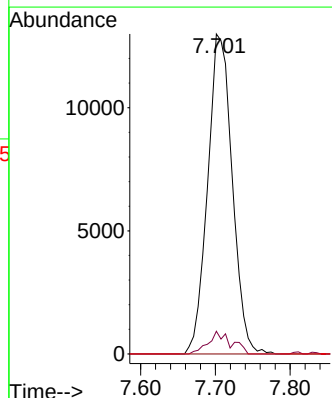
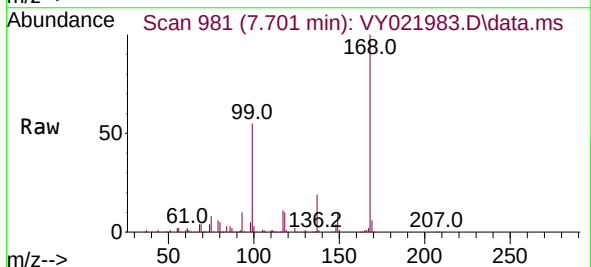
Tgt Ion: 117 Resp: 29697

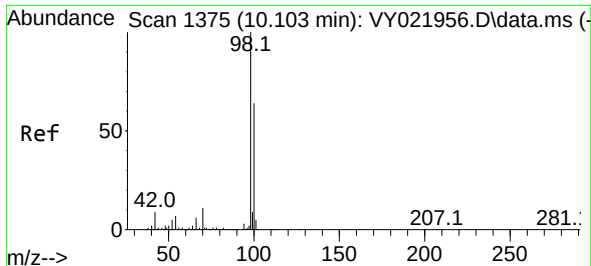
Ion Ratio Lower Upper

117 100

119 7.1 76.2 114.4#

121 0.0 24.0 36.0#

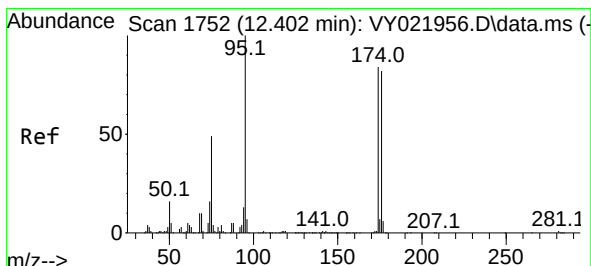
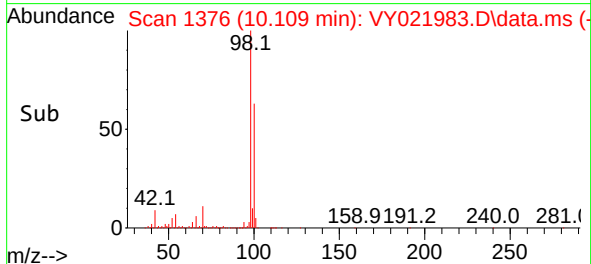
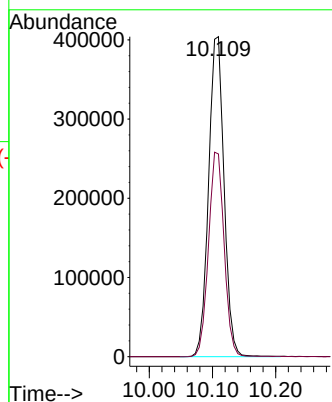
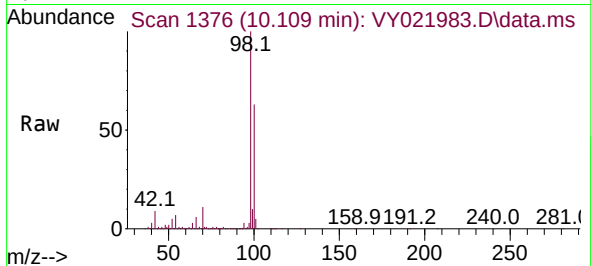




#50
Toluene-d8
Concen: 48.230 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

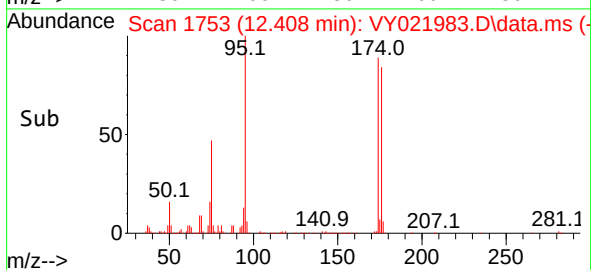
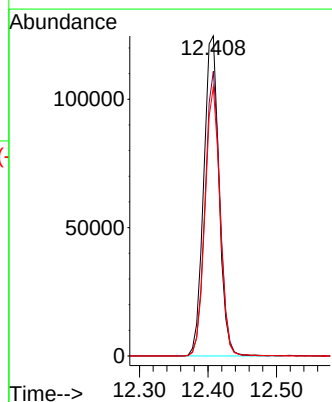
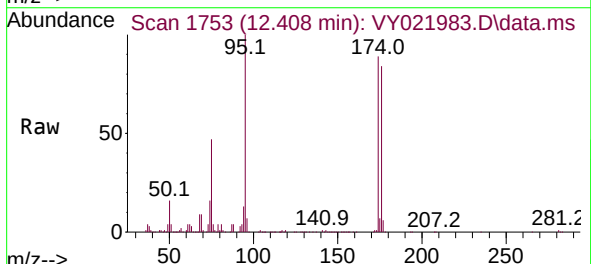
Instrument :
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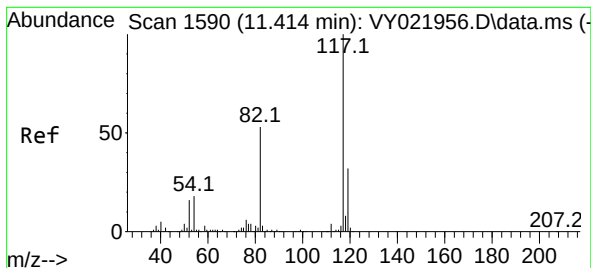
Tgt Ion: 98 Resp: 688433
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.361 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

Tgt Ion: 95 Resp: 193942
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 82.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY021983.D

Acq: 23 Apr 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

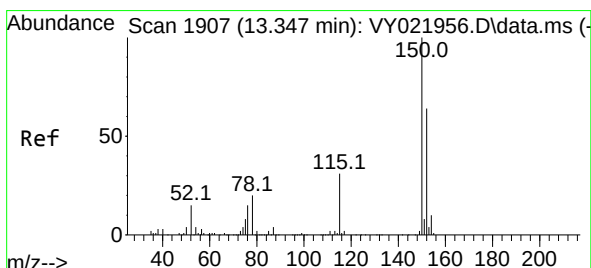
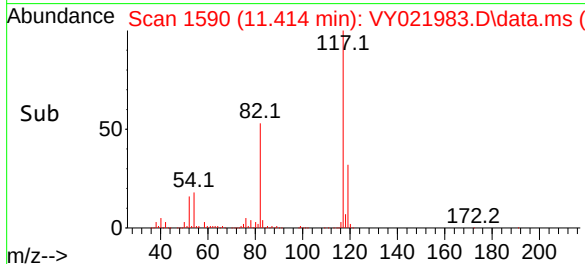
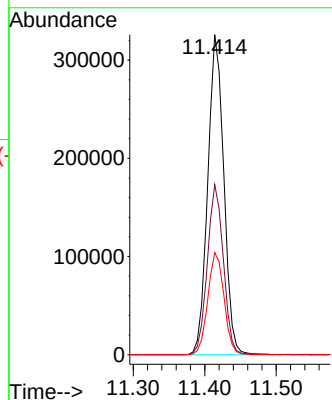
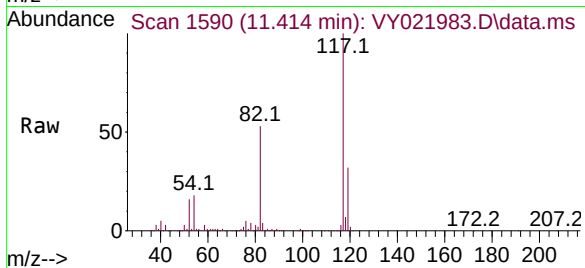
Tgt Ion:117 Resp: 507894

Ion Ratio Lower Upper

117 100

82 53.2 42.1 63.1

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021983.D

Acq: 23 Apr 2025 19:44

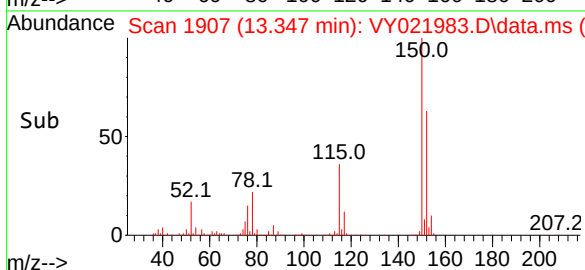
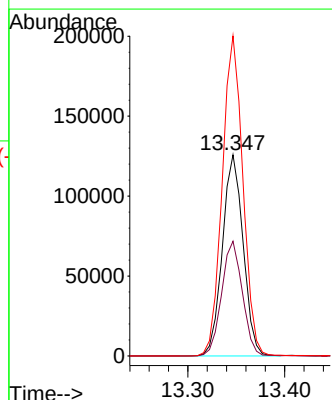
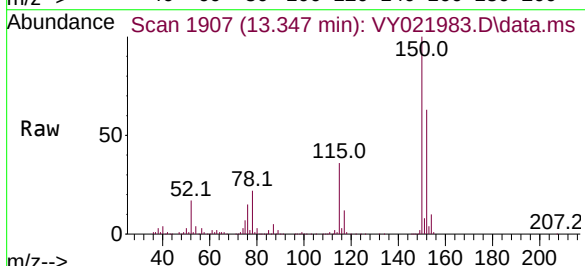
Tgt Ion:152 Resp: 187146

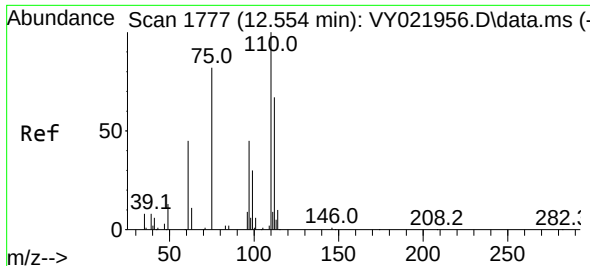
Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 158.6 0.0 345.6

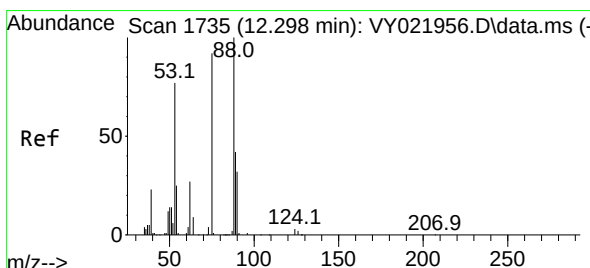
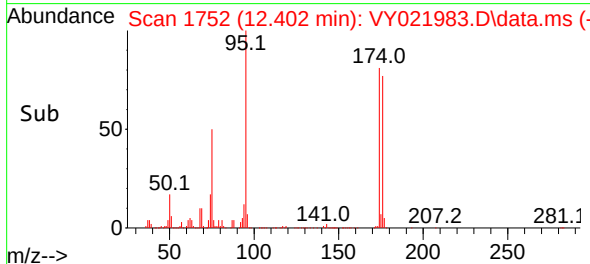
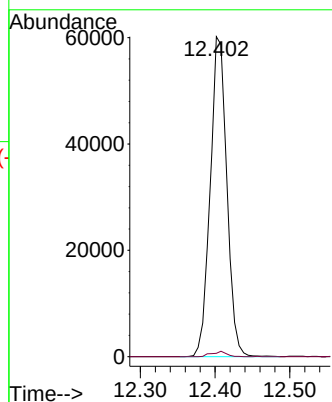
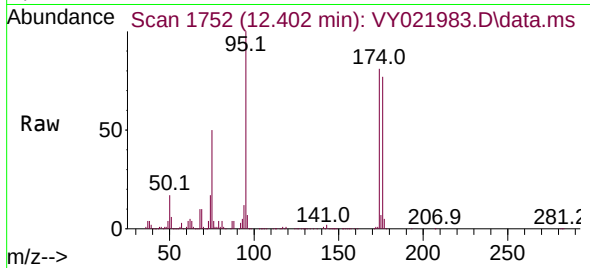




#76
1,2,3-Trichloropropane
Concen: 58.039 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 93036
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.766 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY021983.D
Acq: 23 Apr 2025 19:44

Tgt Ion: 75 Resp: 93036
Ion Ratio Lower Upper
75 100
53 0.2 66.0 99.0#
89 0.1 37.2 55.8#

