

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021165.D
 Acq On : 11 Feb 2025 11:03
 Operator : SY/MD
 Sample : VY0211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:00:04 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)

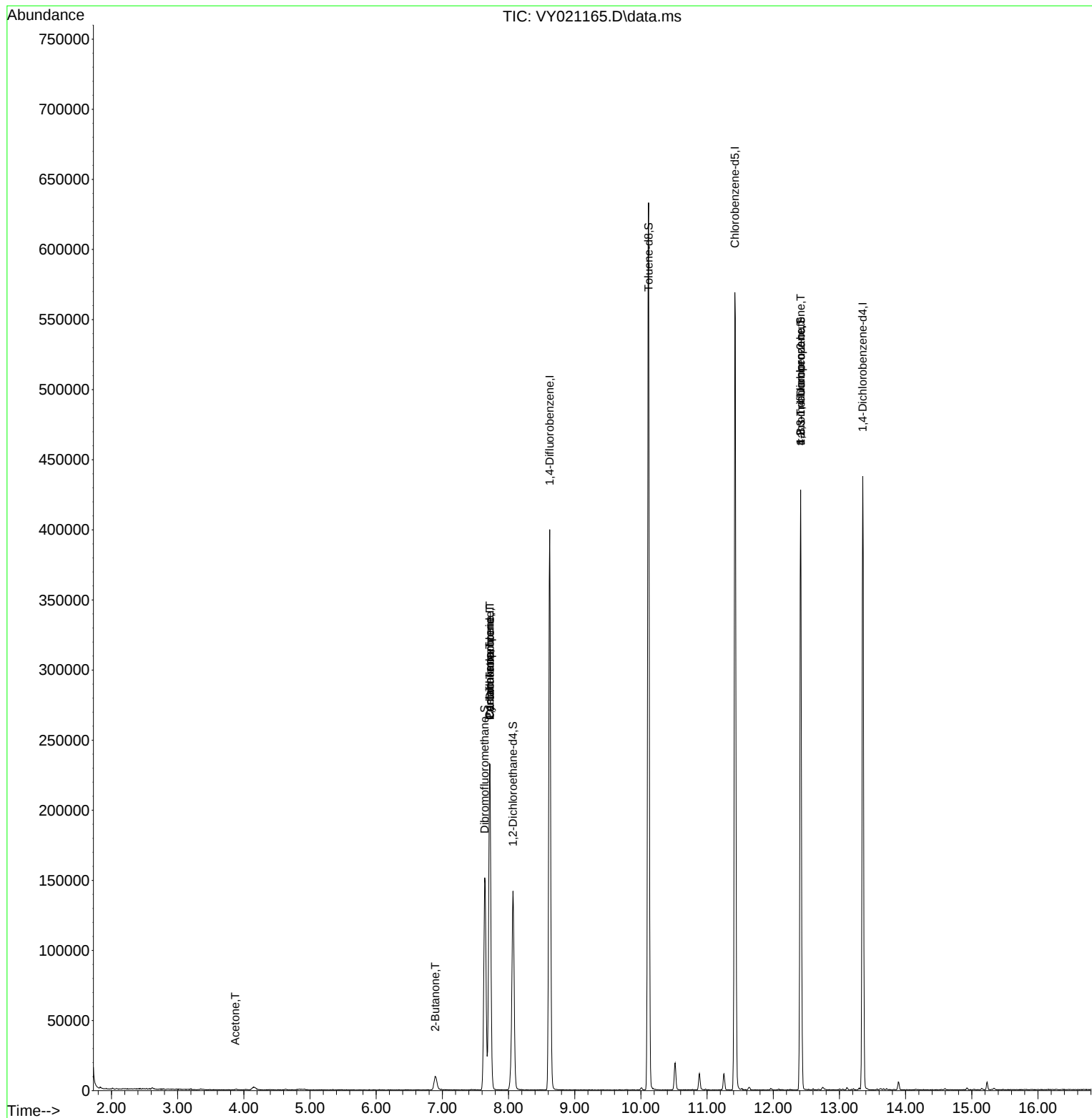
Internal Standards						
1) Pentafluorobenzene	7.719	168	180384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	293210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	106897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103796	56.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.320%	
35) Dibromofluoromethane	7.640	113	106176	50.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.115	98	398079	49.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.414	95	122591	46.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.360%	
Target Compounds						Qvalue
16) Acetone	3.872	43	542	1.881	ug/l #	75
25) 2-Butanone	6.890	43	721	1.522	ug/l #	87
31) Cyclohexane	7.713	56	4104	1.302	ug/l #	26
36) 1,1-Dichloropropene	7.719	75	14559	4.655	ug/l #	50
38) Carbon Tetrachloride	7.719	117	18579	5.084	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	67798	69.917	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	67798	142.665	ug/l #	12

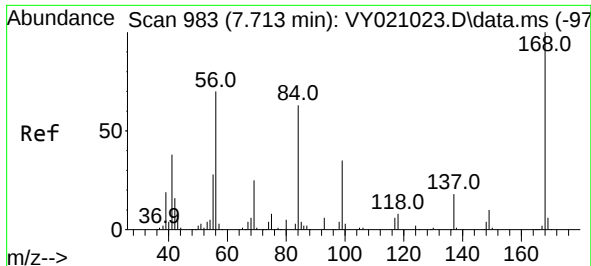
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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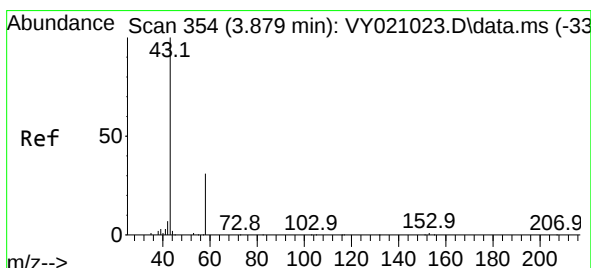
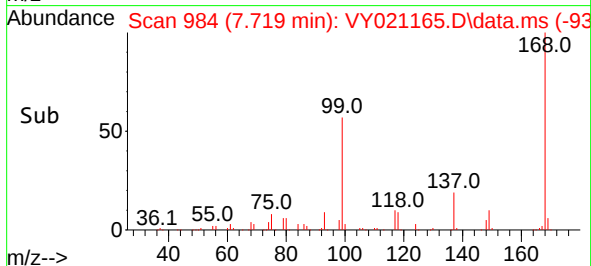
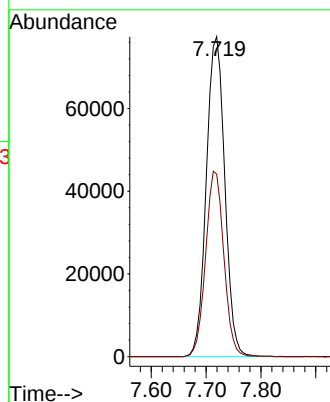
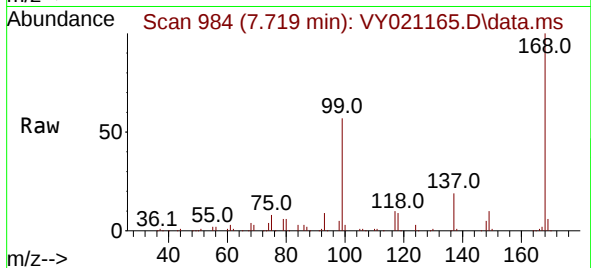




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

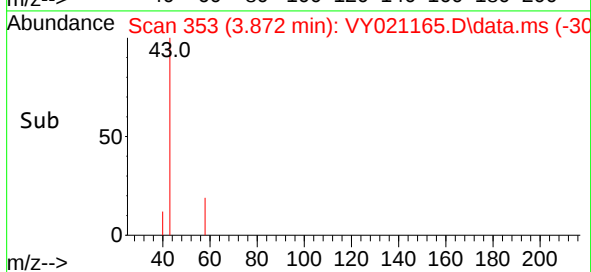
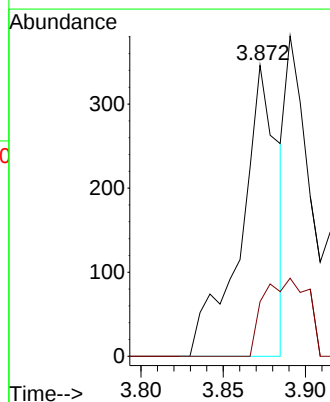
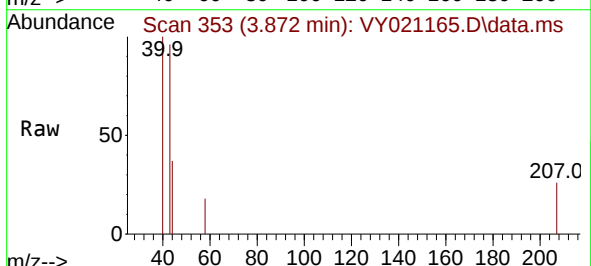
Instrument :
MSVOA_Y
ClientSampleId :

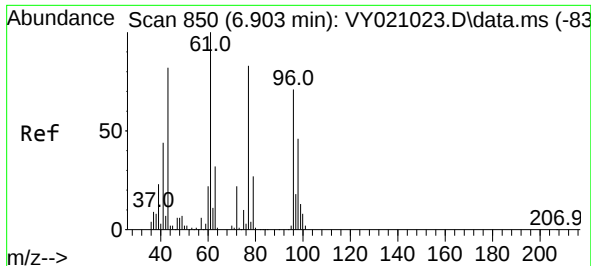
Tgt Ion:168 Resp: 180384
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 1.881 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 18.8 26.6 39.8#





#25

2-Butanone

Concen: 1.522 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

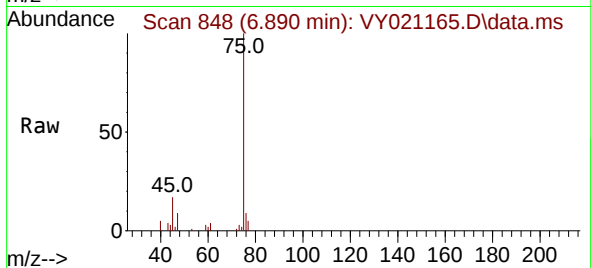
Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

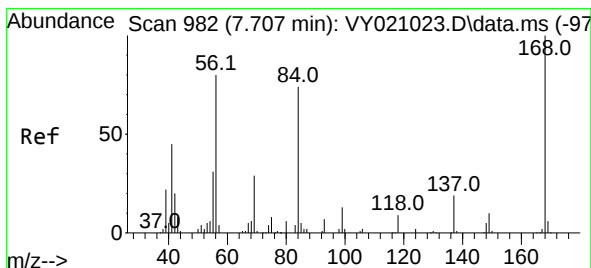
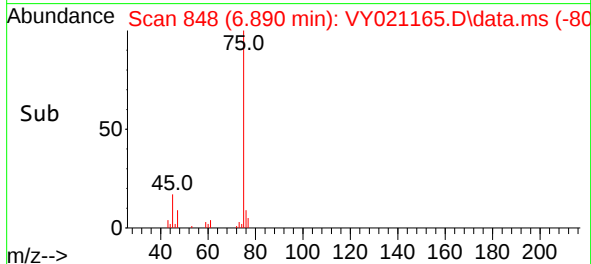
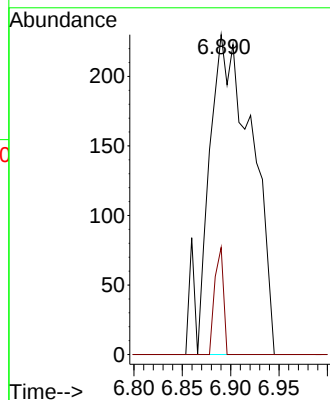


Tgt Ion: 43 Resp: 721

Ion Ratio Lower Upper

43 100

72 33.5 21.4 32.2#



#31

Cyclohexane

Concen: 1.302 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

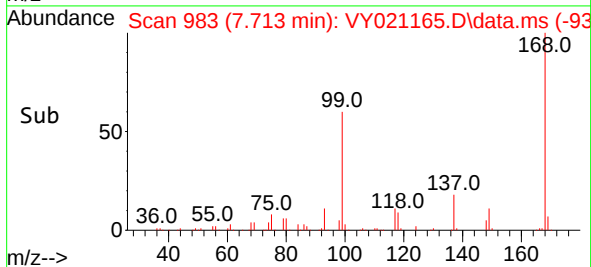
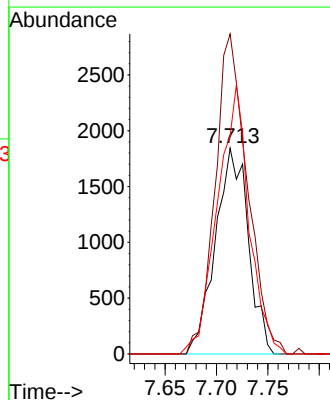
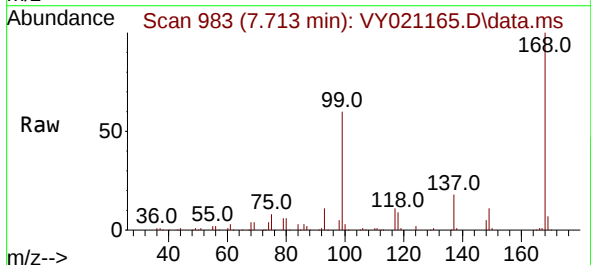
Tgt Ion: 56 Resp: 4104

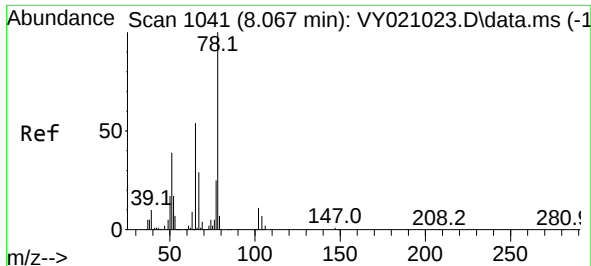
Ion Ratio Lower Upper

56 100

69 155.6 27.0 40.6#

84 110.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.161 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

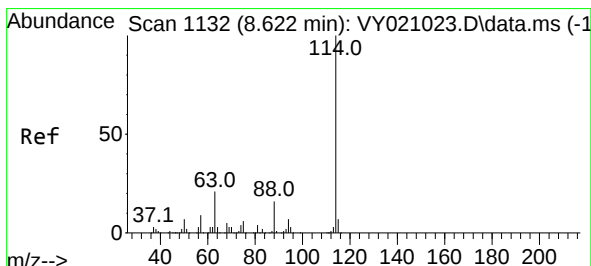
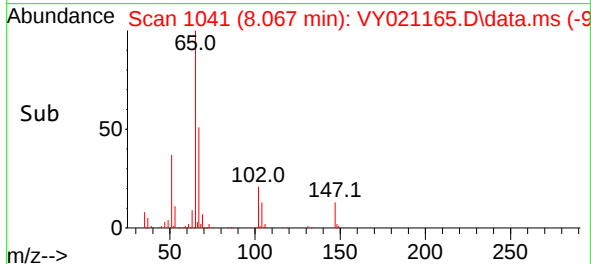
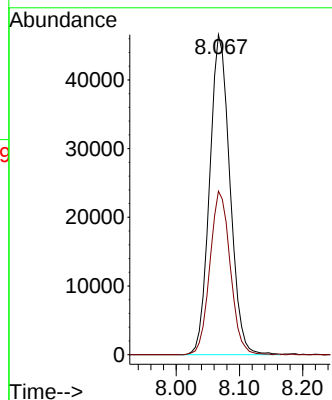
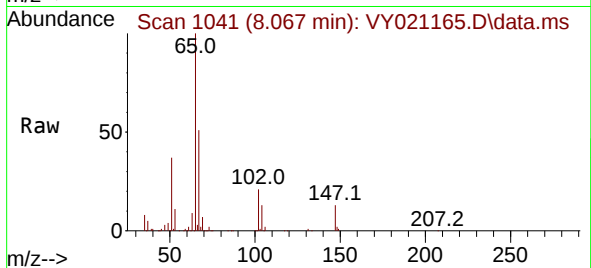
ClientSampleId :

Tgt Ion: 65 Resp: 103796

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

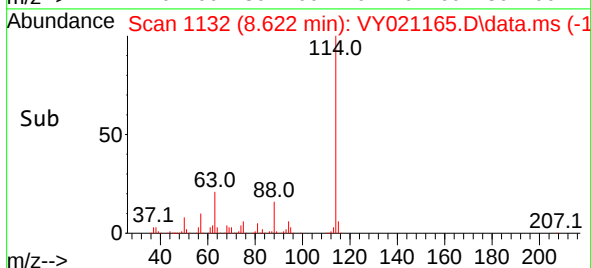
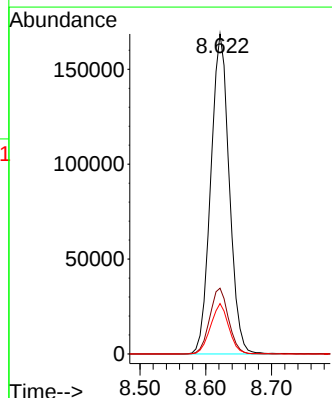
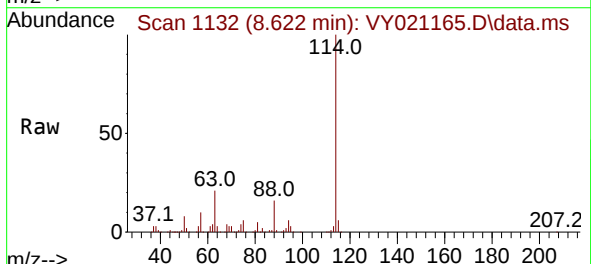
Tgt Ion:114 Resp: 329467

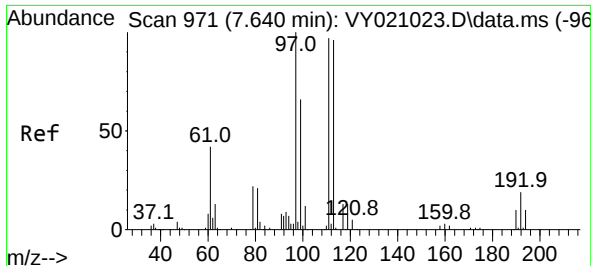
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

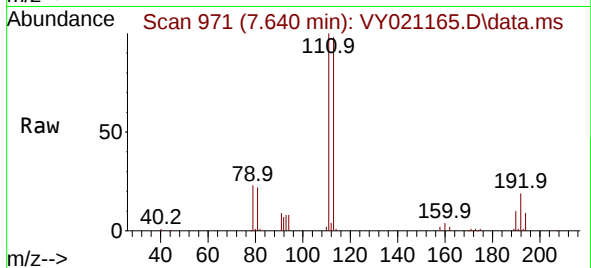
88 15.8 0.0 29.0



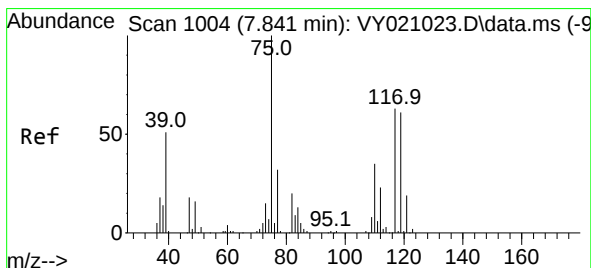
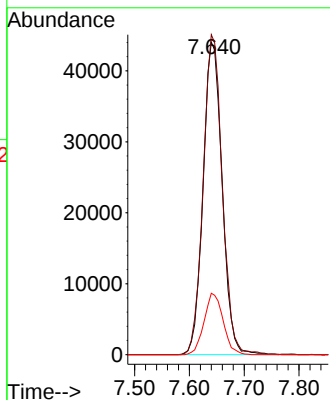
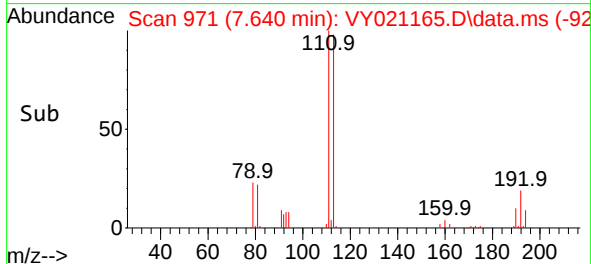


#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

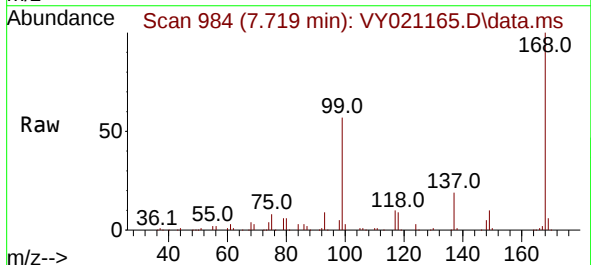
Instrument :
MSVOA_Y
ClientSampleId :



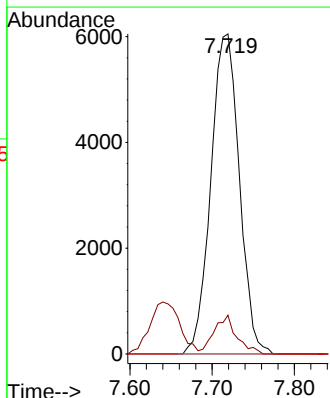
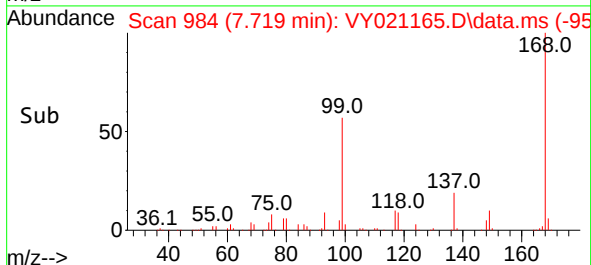
Tgt Ion:113 Resp: 106176
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.7 14.5 21.7

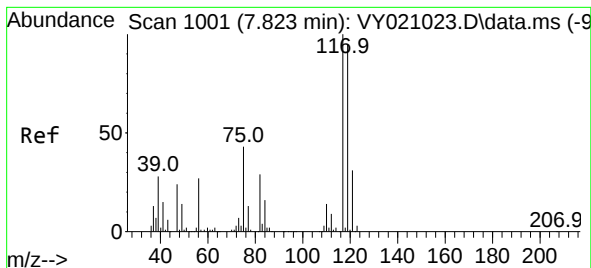


#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03



Tgt Ion: 75 Resp: 14559
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.084 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.104 min

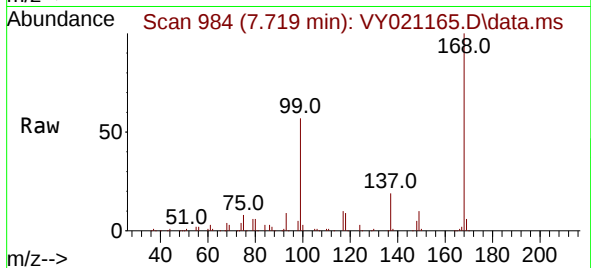
Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :



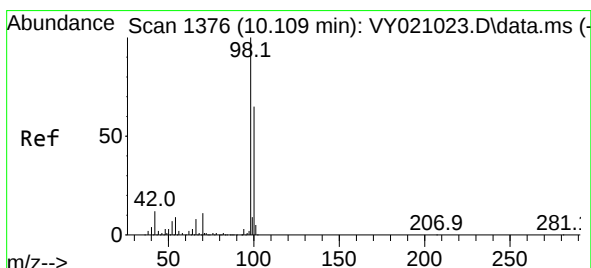
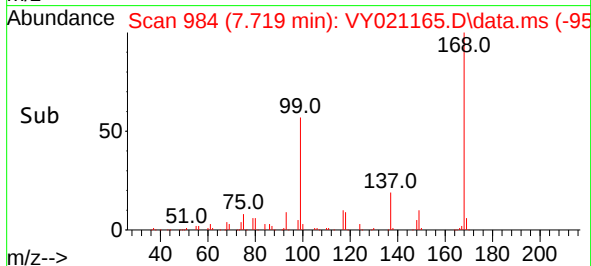
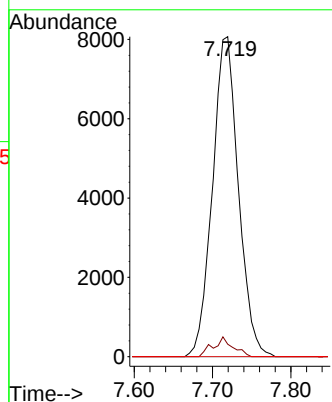
Tgt Ion:117 Resp: 18579

Ion Ratio Lower Upper

117 100

119 3.9 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021165.D

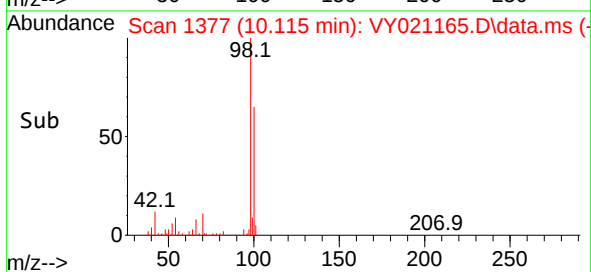
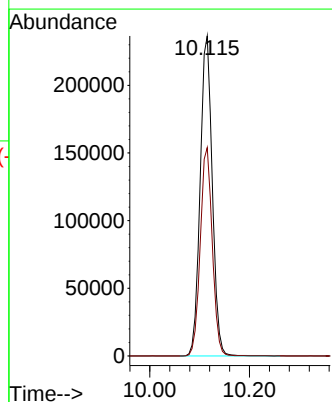
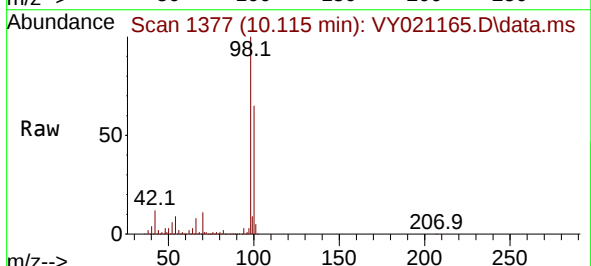
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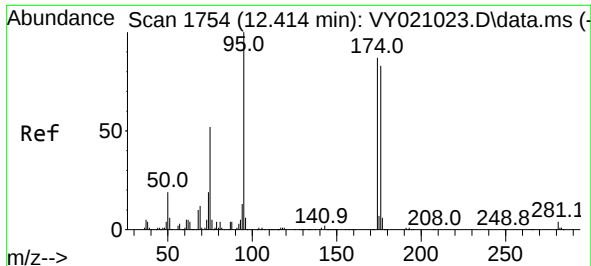
Tgt Ion: 98 Resp: 398079

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

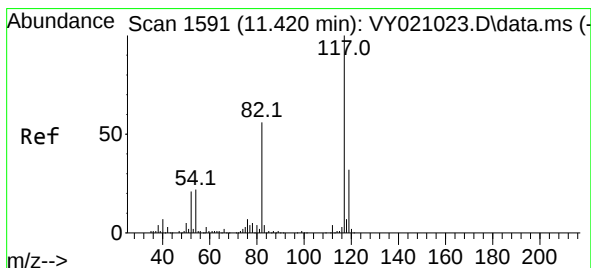
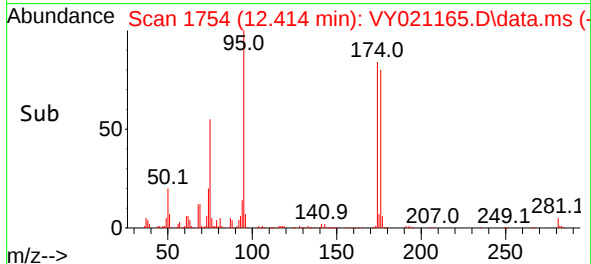
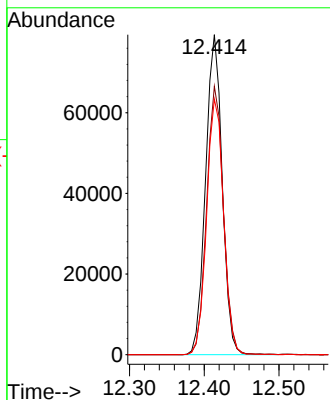
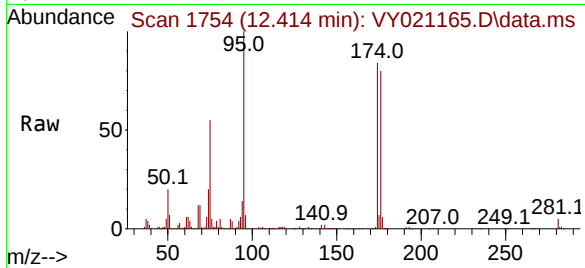




#62
4-Bromofluorobenzene
Concen: 46.682 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

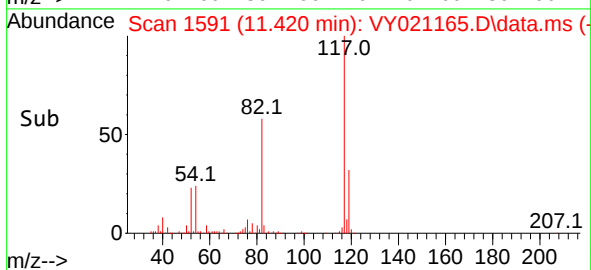
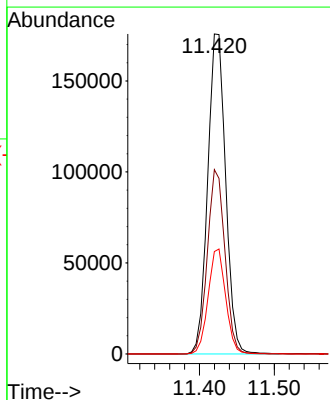
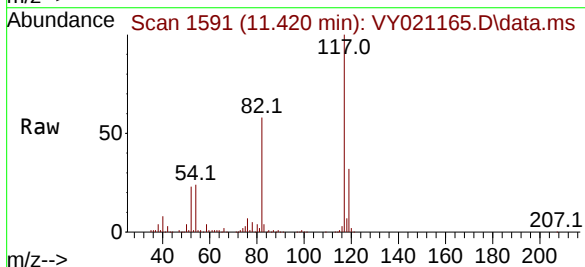
Instrument :
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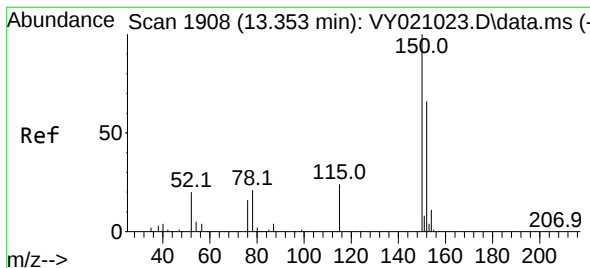
Tgt Ion: 95 Resp: 122591
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021165.D
Acq: 11 Feb 2025 11:03

Tgt Ion: 117 Resp: 293210
Ion Ratio Lower Upper
117 100
82 57.6 43.8 65.8
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

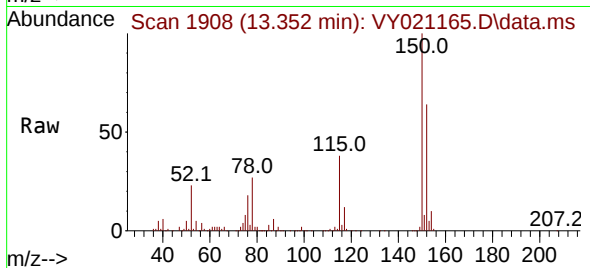
Lab File: VY021165.D

Acq: 11 Feb 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :



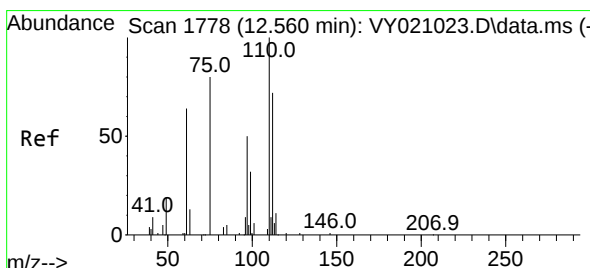
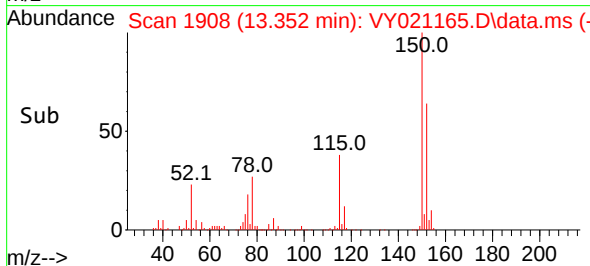
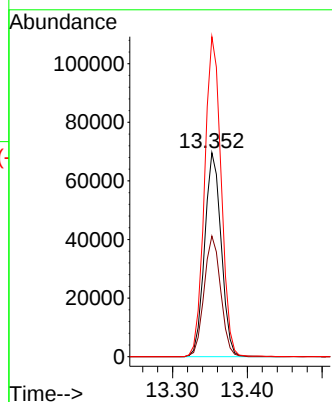
Tgt Ion:152 Resp: 106897

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 69.917 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY021165.D

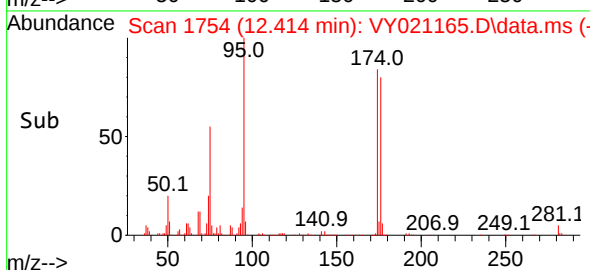
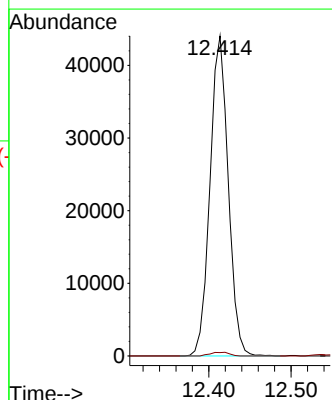
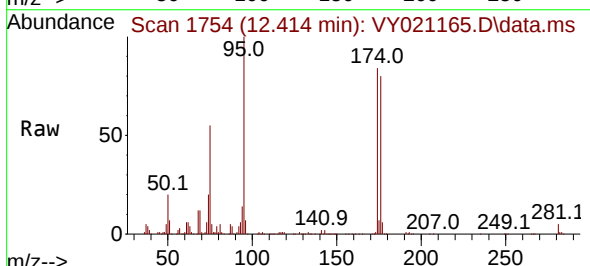
Acq: 11 Feb 2025 11:03

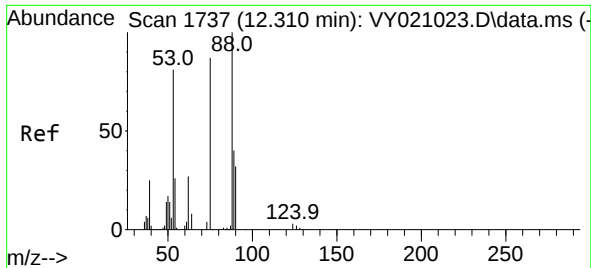
Tgt Ion: 75 Resp: 67798

Ion Ratio Lower Upper

75 100

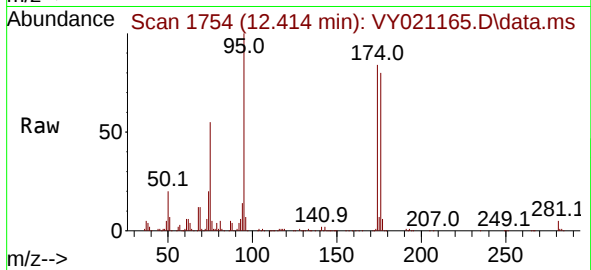
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.665 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021165.D
 Acq: 11 Feb 2025 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 67798
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.2 36.5 54.7#

