

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021841.D
 Acq On : 10 Apr 2025 16:24
 Operator : SY/MD
 Sample : Q1752-03
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 11 01:51:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

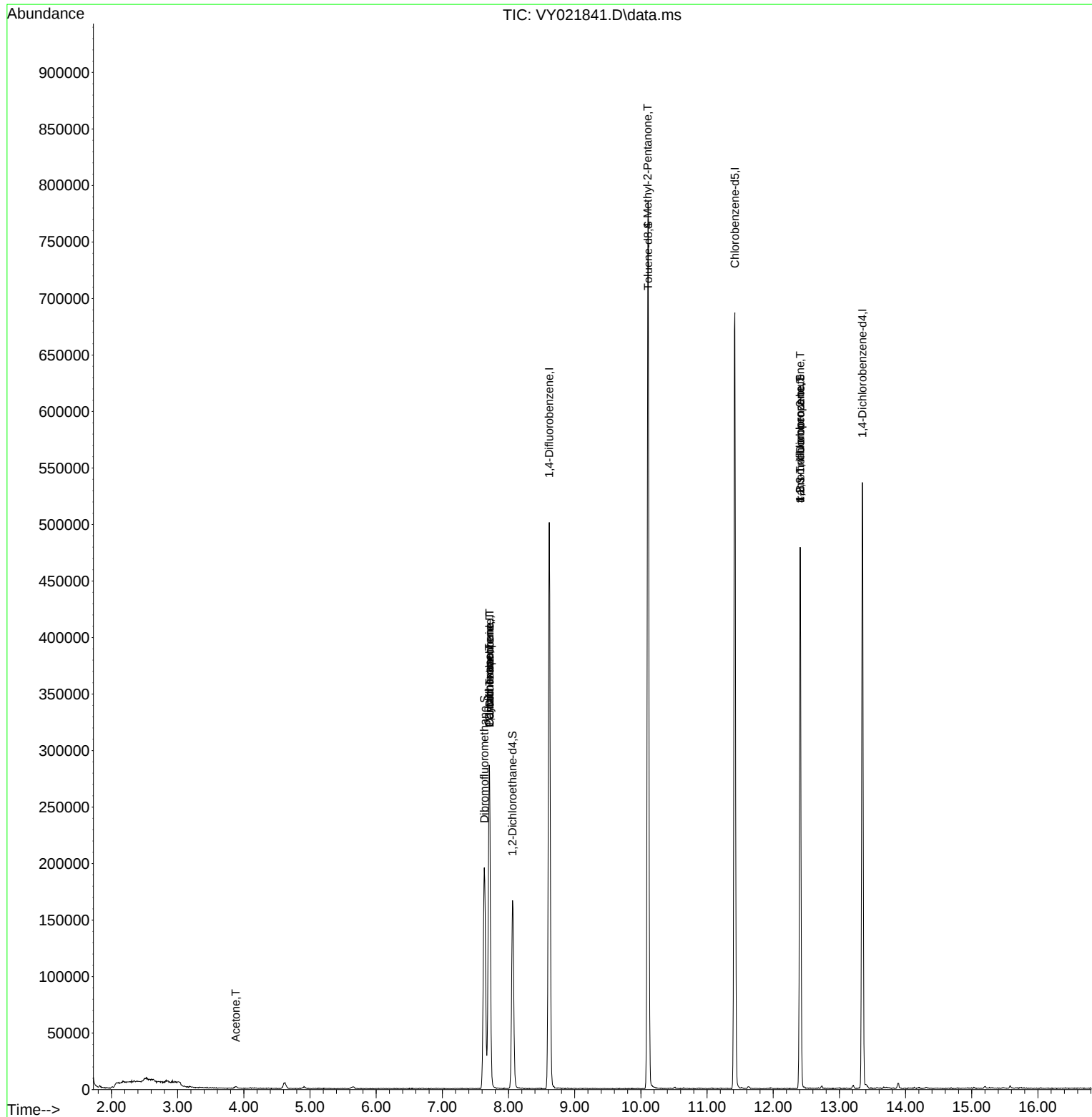
Internal Standards						
1) Pentafluorobenzene	7.713	168	213903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	354639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134030	57.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.634	113	138481	52.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.260%	
50) Toluene-d8	10.109	98	498894	49.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.408	95	139278	40.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.500%	
Target Compounds						Qvalue
16) Acetone	3.879	43	2675	5.640	ug/l	91
20) Methylene Chloride	4.616	84	3873	Below Cal		88
31) Cyclohexane	7.707	56	5255	1.285	ug/l #	19
36) 1,1-Dichloropropene	7.713	75	17614	4.353	ug/l #	50
38) Carbon Tetrachloride	7.713	117	23215	5.009	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	2474	1.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	71719	54.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	71719	126.467	ug/l #	12

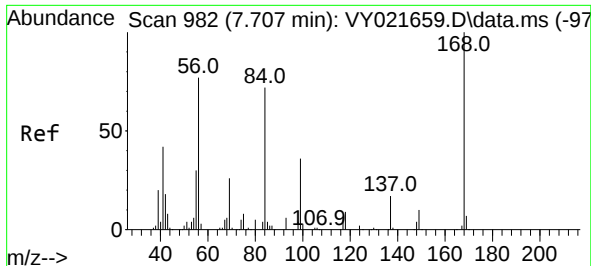
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
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Quant Title : SW846 8260
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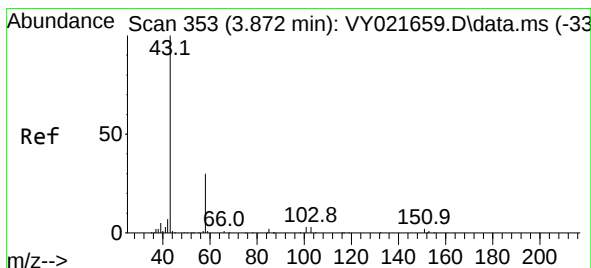
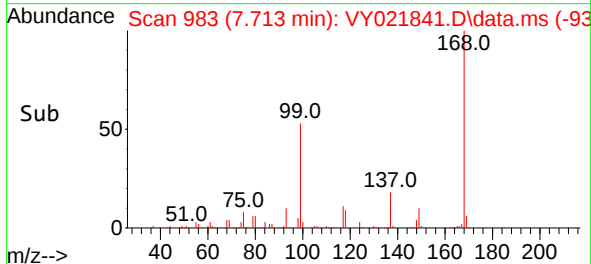
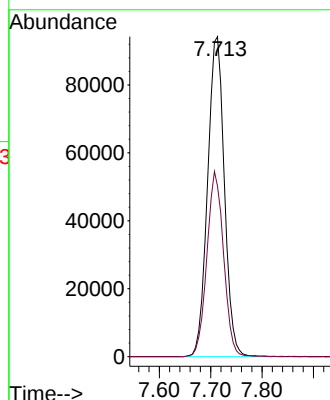
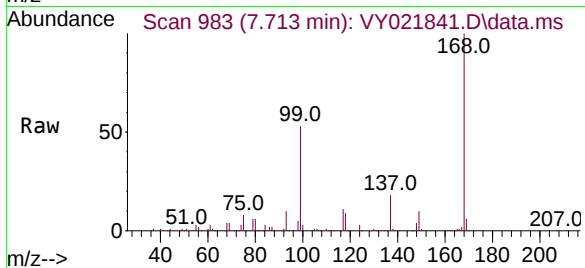




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

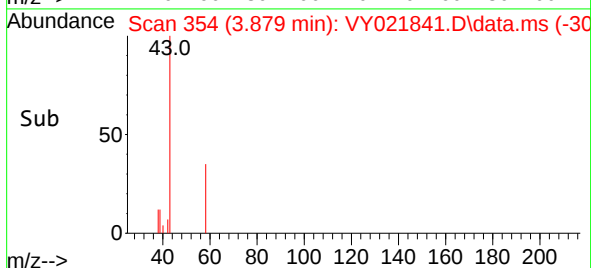
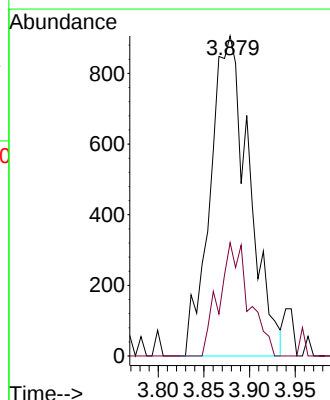
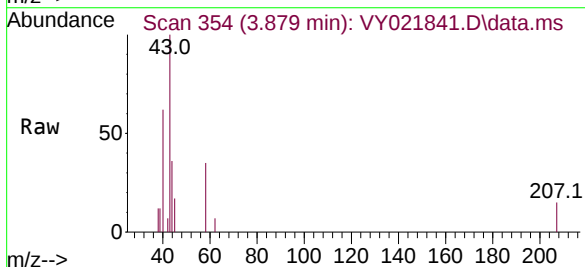
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

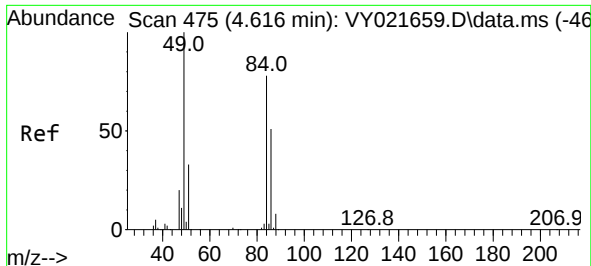
Tgt Ion:168 Resp: 213903
Ion Ratio Lower Upper
168 100
99 53.3 46.7 70.1



#16
Acetone
Concen: 5.640 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
58 35.4 24.2 36.4



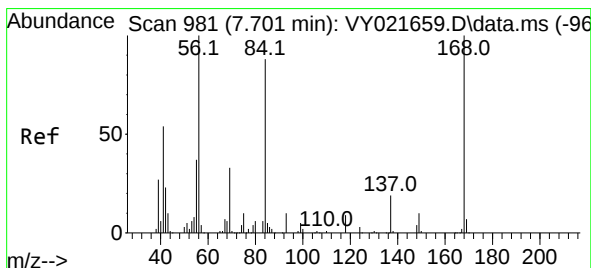
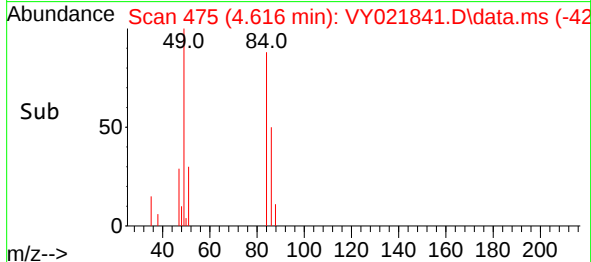
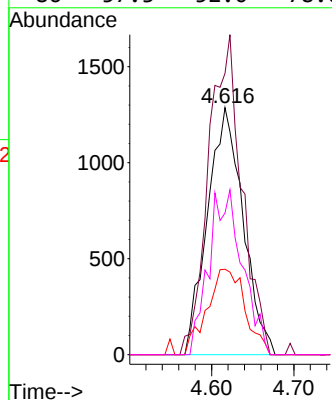
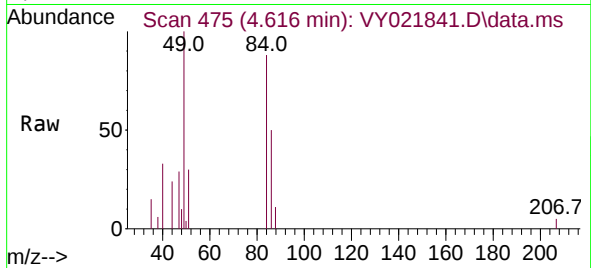


#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 3873

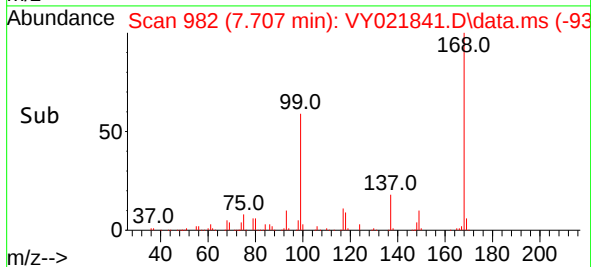
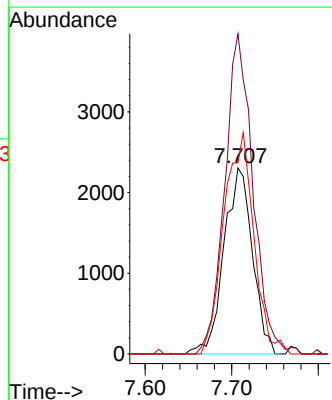
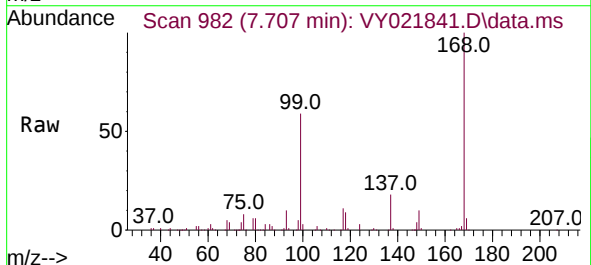
Ion	Ratio	Lower	Upper
84	100		
49	113.8	102.8	154.2
51	34.6	33.5	50.3
86	57.3	52.0	78.0

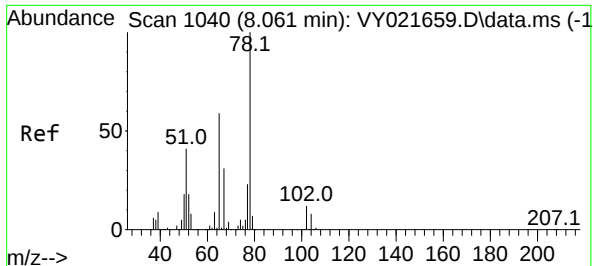


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

Tgt Ion: 56 Resp: 5255

Ion	Ratio	Lower	Upper
56	100		
69	172.0	26.6	40.0#
84	102.8	69.0	103.4





#33

1,2-Dichloroethane-d4

Concen: 57.832 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

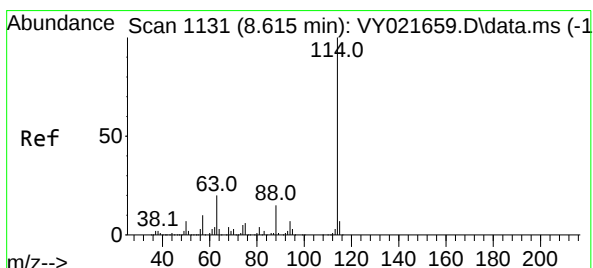
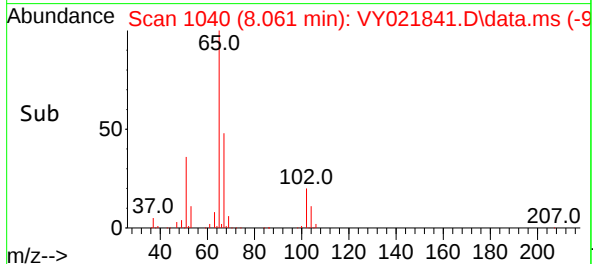
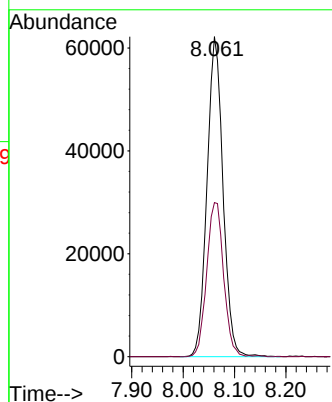
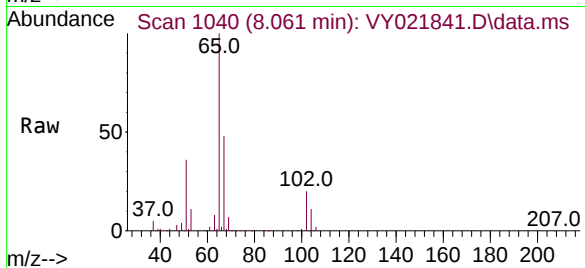
TP-2

Tgt Ion: 65 Resp: 134030

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

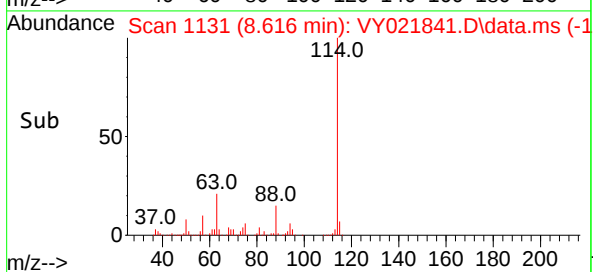
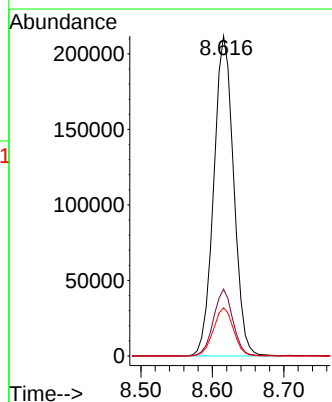
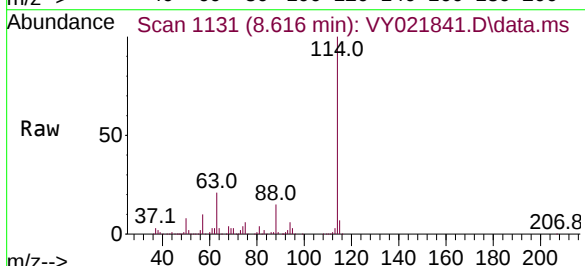
Tgt Ion: 114 Resp: 409508

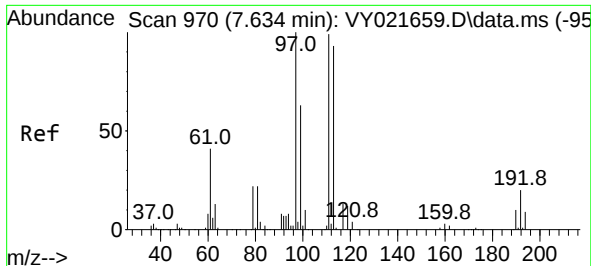
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.0 0.0 29.8

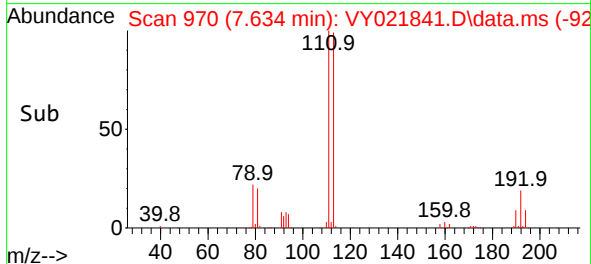
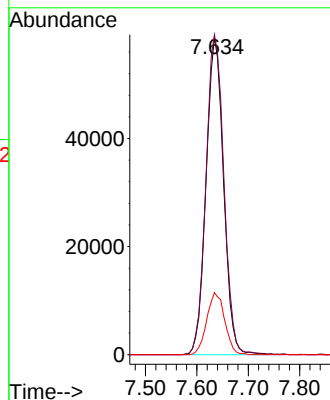
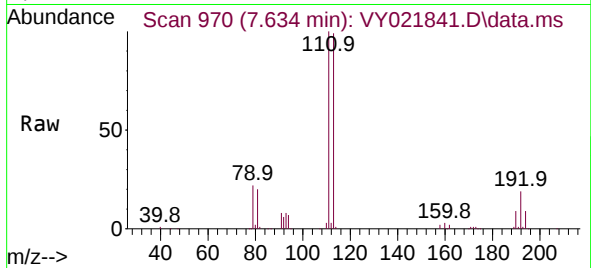




#35
Dibromofluoromethane
Concen: 52.131 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

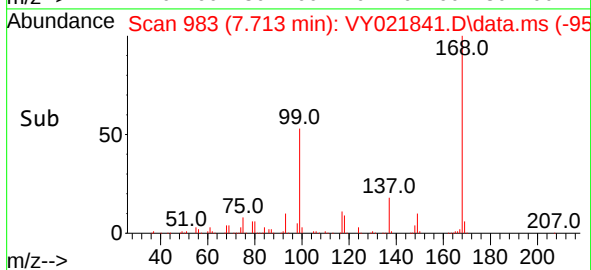
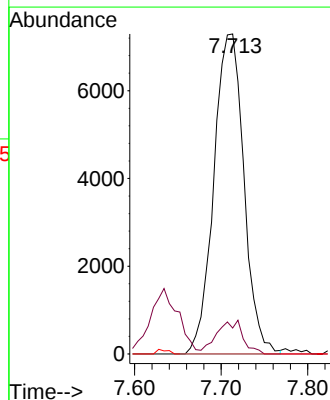
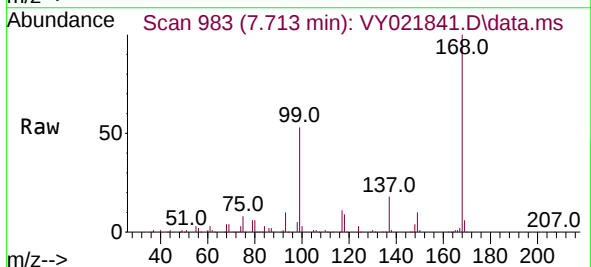
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

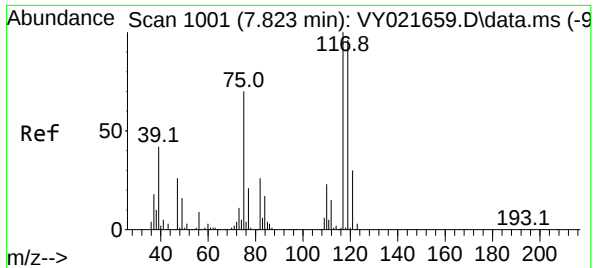
Tgt Ion:113 Resp: 138481
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

Tgt Ion: 75 Resp: 17614
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.8 37.2#

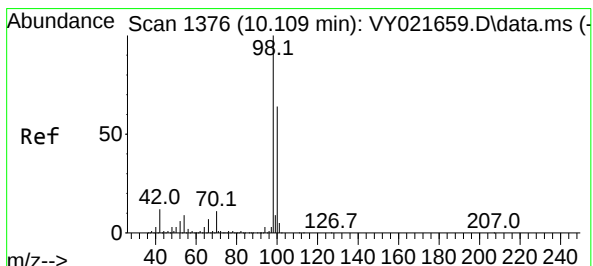
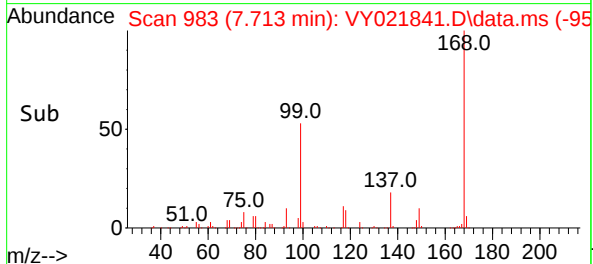
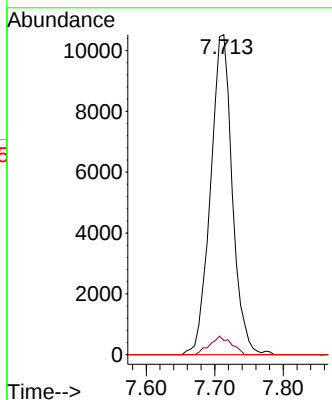
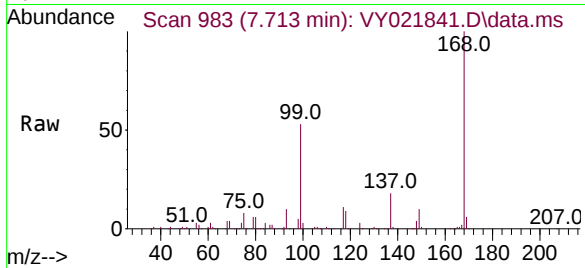




#38
Carbon Tetrachloride
Concen: 5.009 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

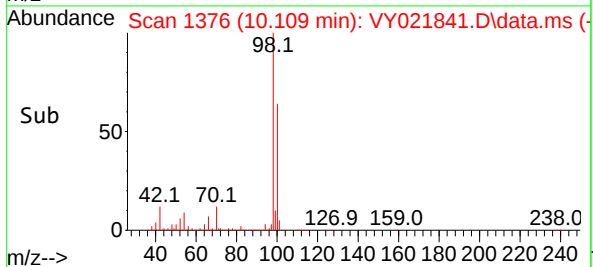
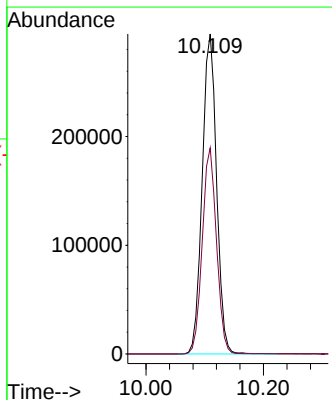
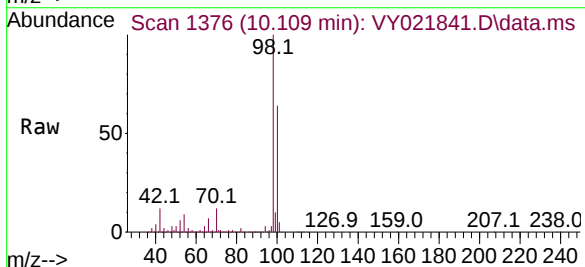
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

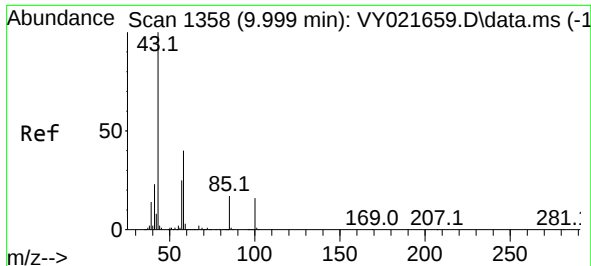
Tgt Ion:117 Resp: 23215
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.367 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021841.D
Acq: 10 Apr 2025 16:24

Tgt Ion: 98 Resp: 498894
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.314 ug/l

RT: 10.103 min Scan# 1358

Delta R.T. 0.104 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

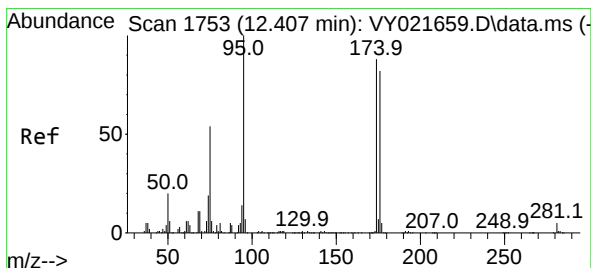
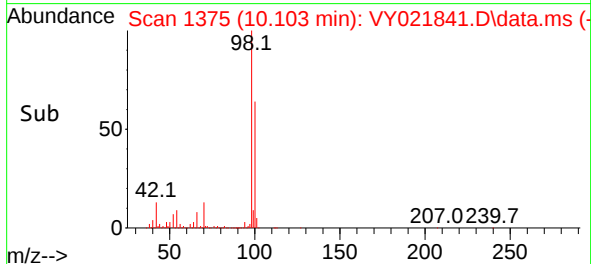
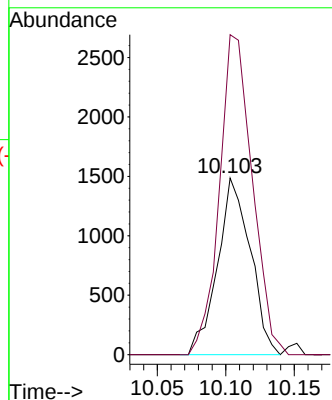
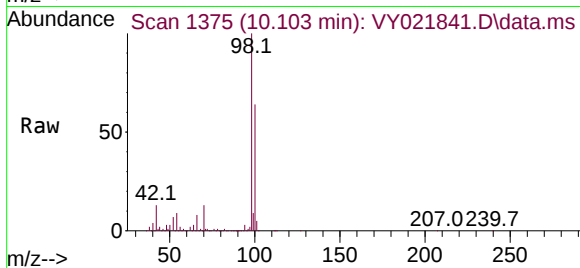
TP-2

Tgt Ion: 43 Resp: 2474

Ion Ratio Lower Upper

43 100

58 181.8 31.5 47.3#



#62

4-Bromofluorobenzene

Concen: 40.745 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

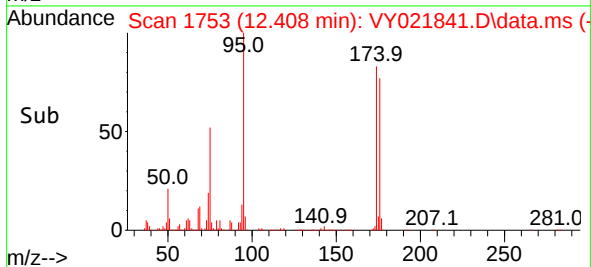
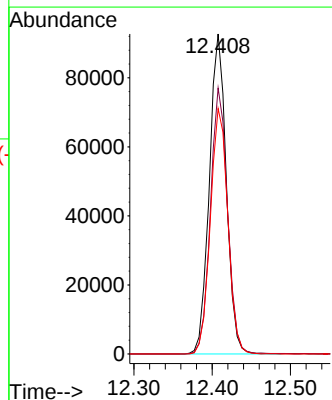
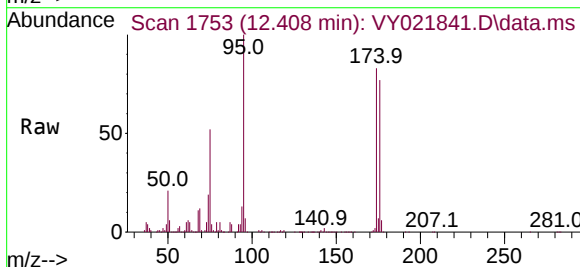
Tgt Ion: 95 Resp: 139278

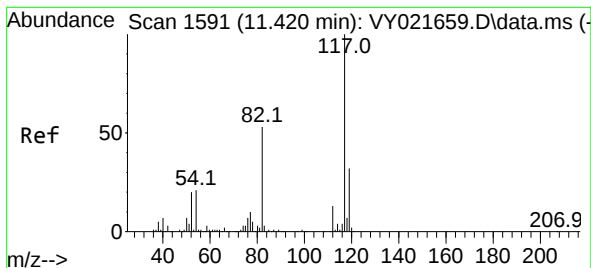
Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.8

176 78.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

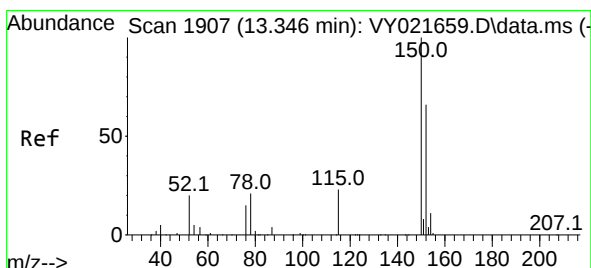
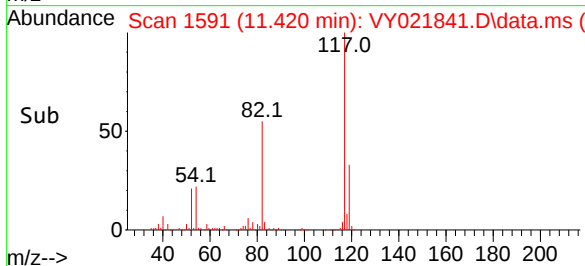
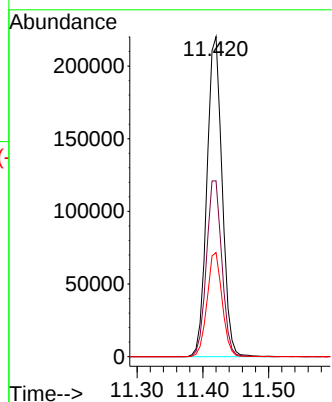
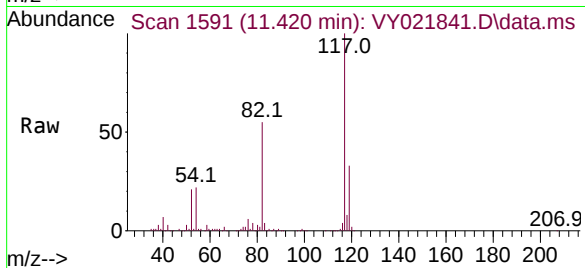
Tgt Ion:117 Resp: 354639

Ion Ratio Lower Upper

117 100

82 55.0 42.8 64.2

119 32.5 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: VY021841.D

Acq: 10 Apr 2025 16:24

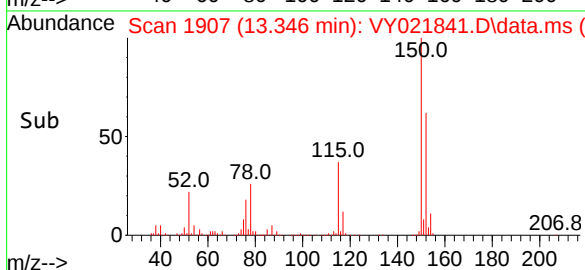
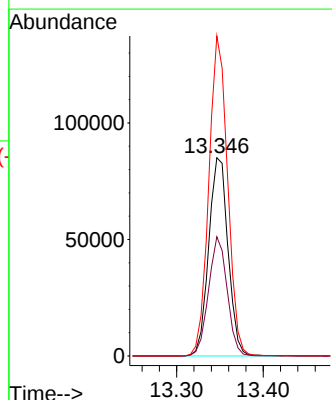
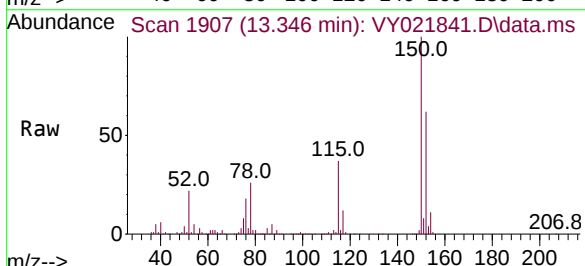
Tgt Ion:152 Resp: 131821

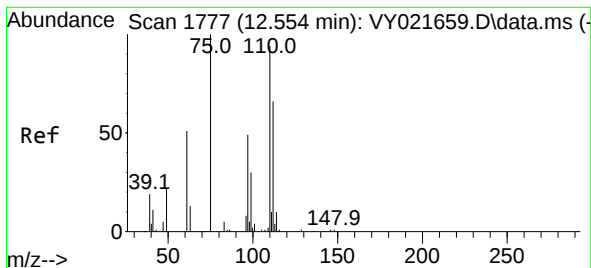
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.6 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 54.886 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

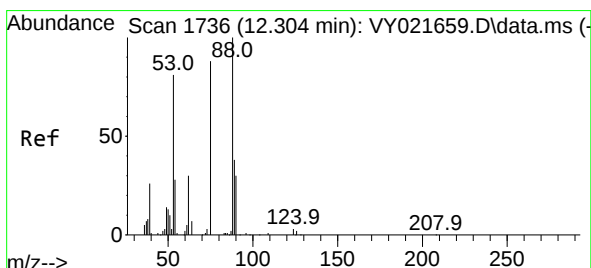
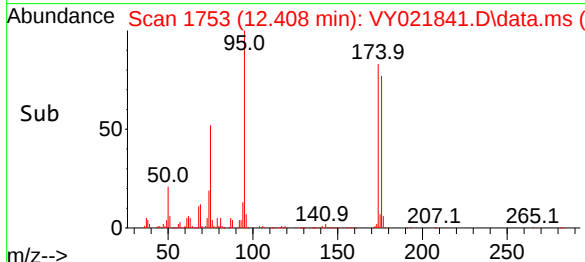
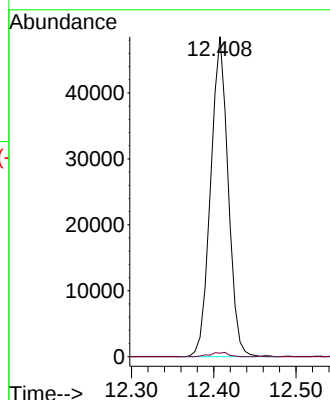
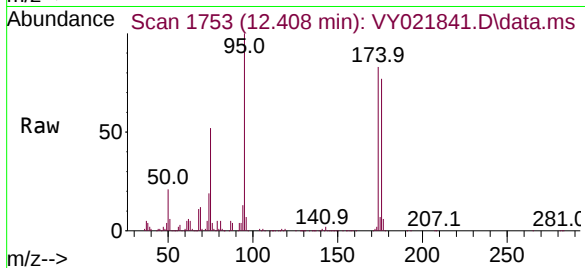
TP-2

Tgt Ion: 75 Resp: 71719

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.467 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021841.D

Acq: 10 Apr 2025 16:24

Tgt Ion: 75 Resp: 71719

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

89 0.0 36.2 54.4#

