

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021719.D
 Acq On : 31 Mar 2025 15:01
 Operator : SY/MD
 Sample : Q1675-05
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P5

Quant Time: Apr 01 05:37:33 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)

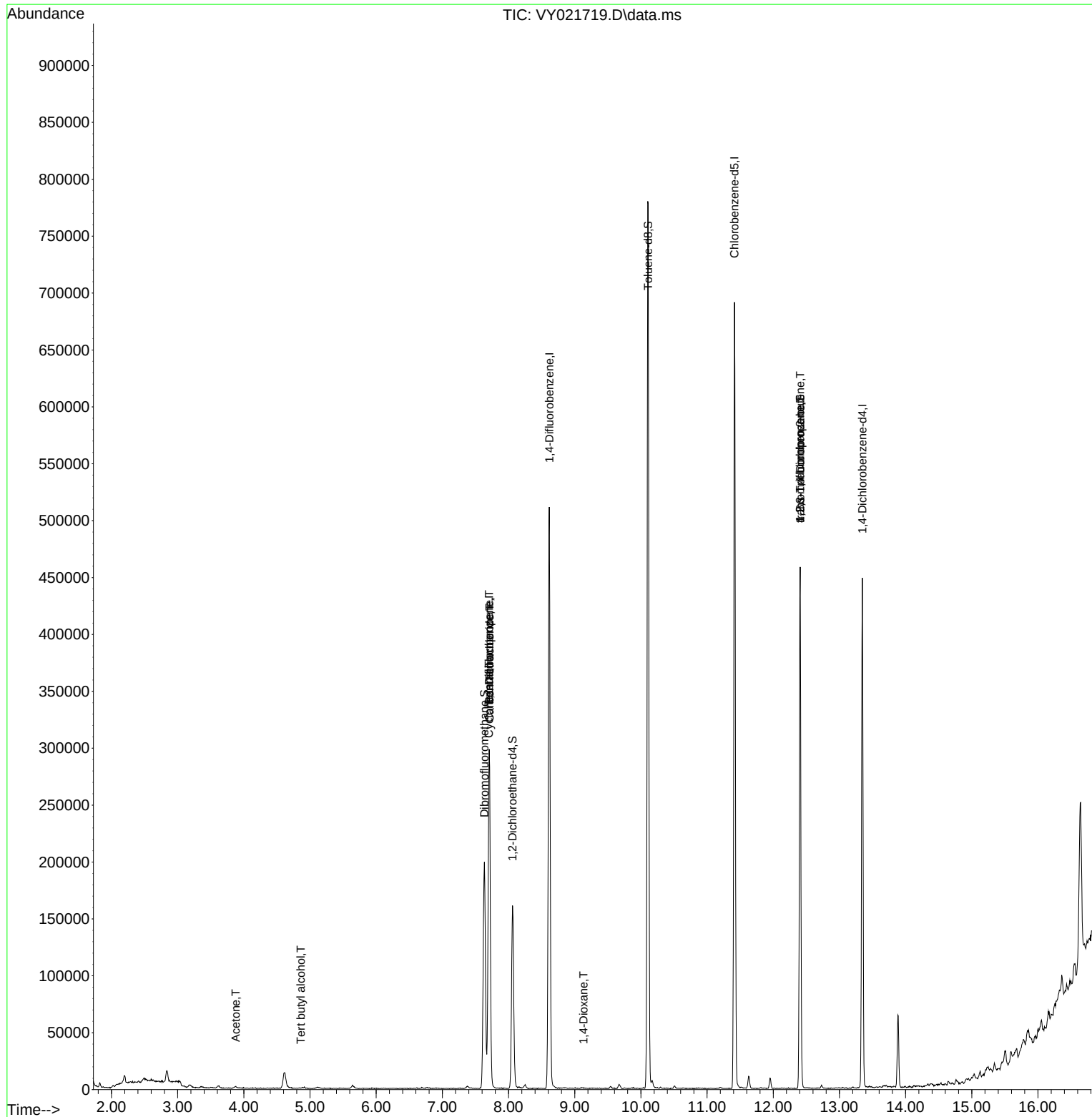
Internal Standards						
1) Pentafluorobenzene	7.707	168	223306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	416437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126112	52.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.634	113	138218	51.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.109	98	501186	48.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.408	95	131805	37.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	582	3.703	ug/l #	70
16) Acetone	3.879	43	2680	5.412	ug/l	98
31) Cyclohexane	7.701	56	5323	1.247	ug/l #	6
36) 1,1-Dichloropropene	7.707	75	18777	4.564	ug/l #	50
38) Carbon Tetrachloride	7.713	117	22933	4.866	ug/l #	16
49) 1,4-Dioxane	9.134	88	20	1.111	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	70934	65.997	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	70934	152.068	ug/l #	12

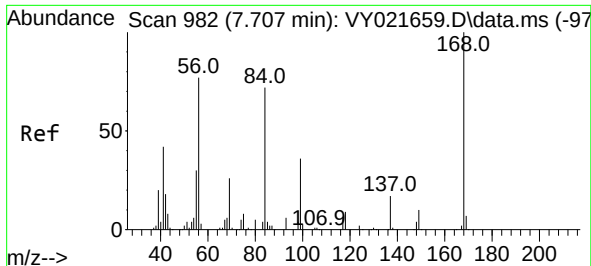
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021719.D
Acq On : 31 Mar 2025 15:01
Operator : SY/MD
Sample : Q1675-05
Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P5

Quant Time: Apr 01 05:37:33 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

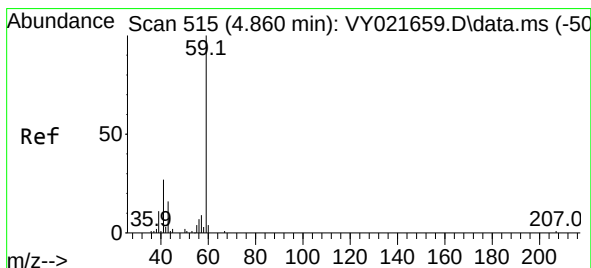
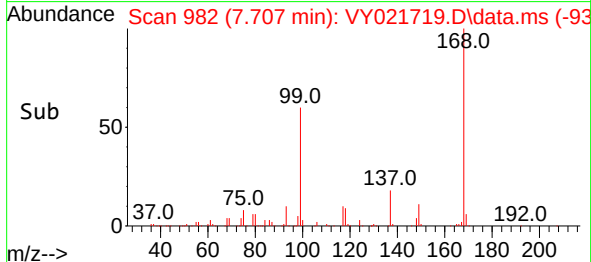
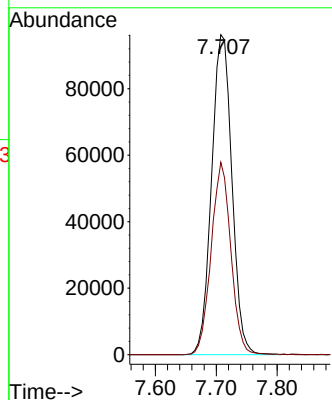
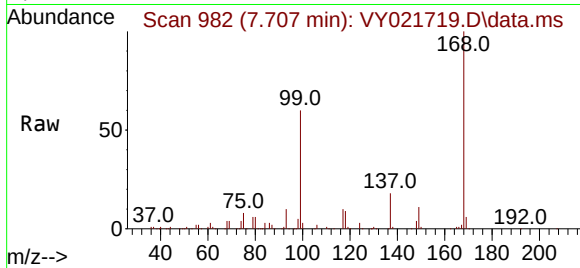




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

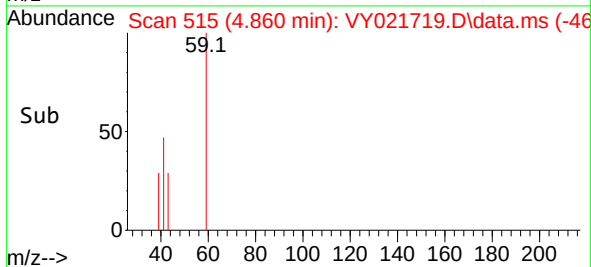
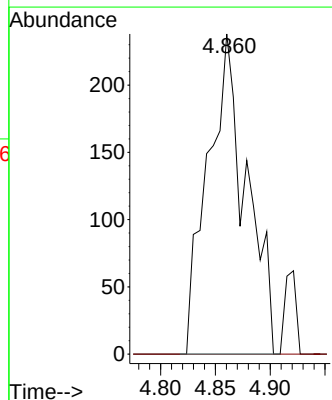
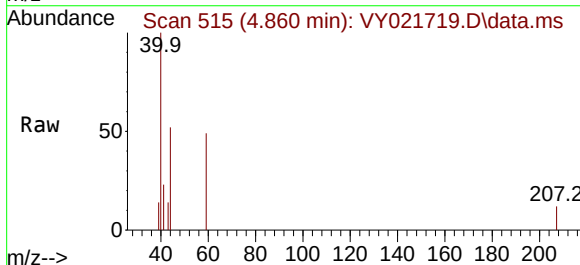
Instrument :
MSVOA_Y
ClientSampleId :
P5

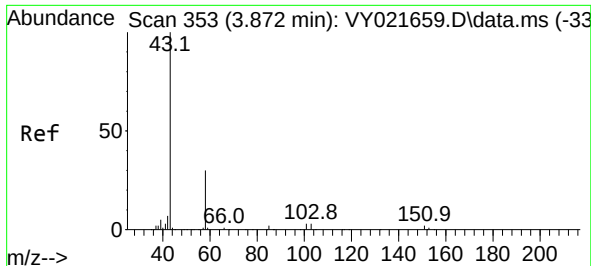
Tgt Ion:168 Resp: 223306
Ion Ratio Lower Upper
168 100
99 60.1 46.7 70.1



#11
Tert butyl alcohol
Concen: 3.703 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#





#16

Acetone

Concen: 5.412 ug/l

RT: 3.879 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

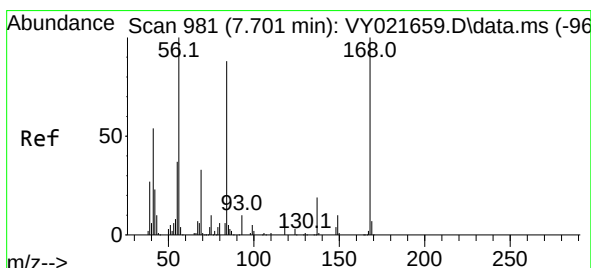
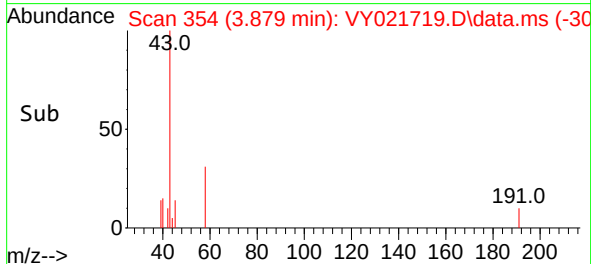
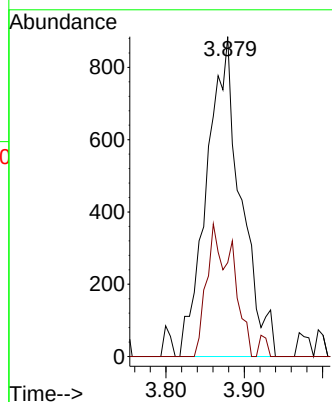
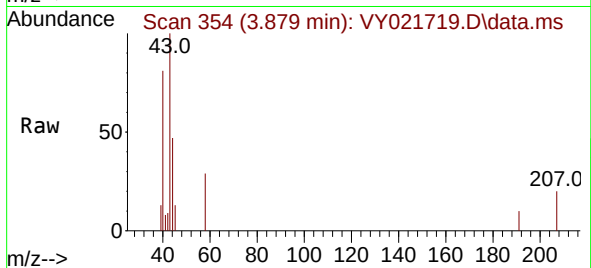
P5

Tgt Ion: 43 Resp: 2680

Ion Ratio Lower Upper

43 100

58 29.4 24.2 36.4



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

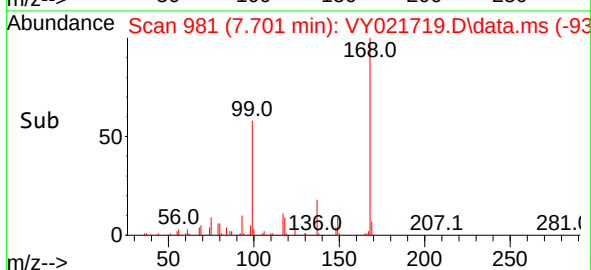
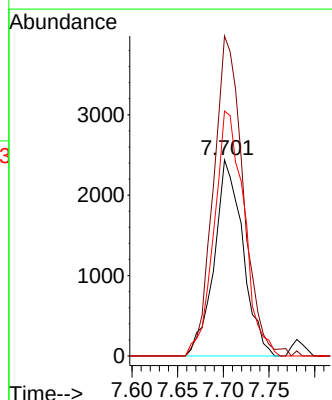
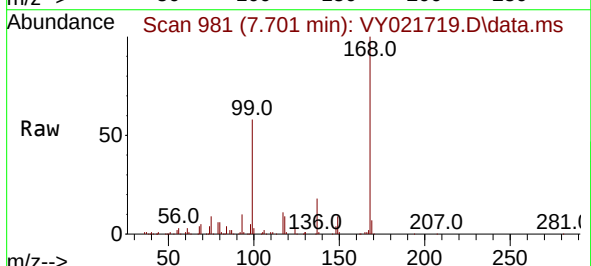
Tgt Ion: 56 Resp: 5323

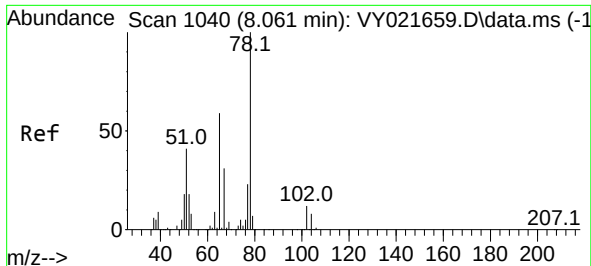
Ion Ratio Lower Upper

56 100

69 163.2 26.6 40.0#

84 125.0 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 52.124 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

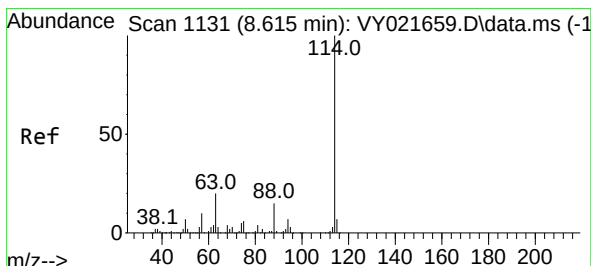
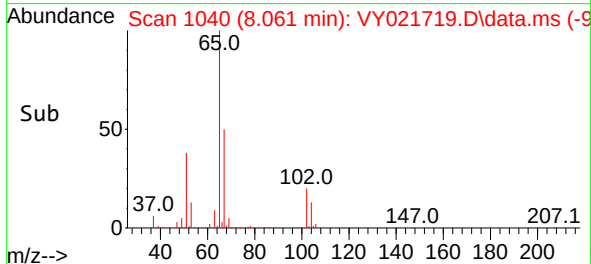
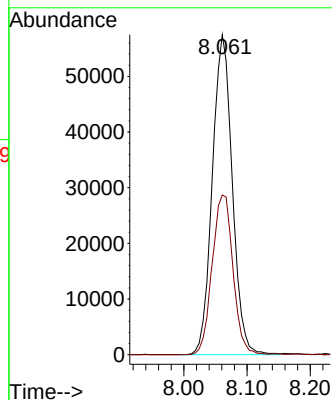
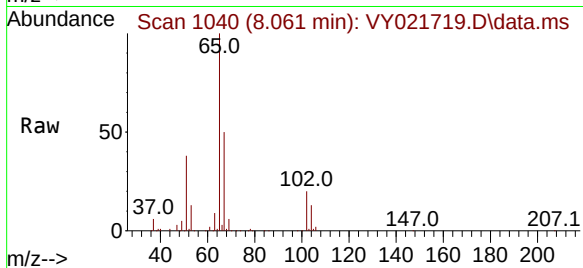
P5

Tgt Ion: 65 Resp: 126112

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021719.D

Acq: 31 Mar 2025 15:01

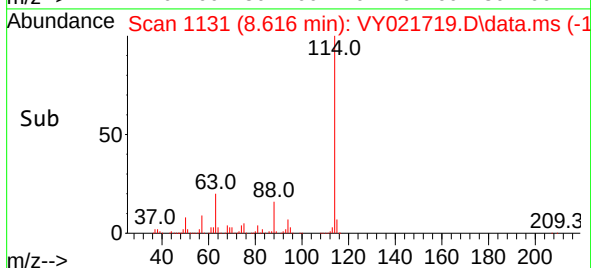
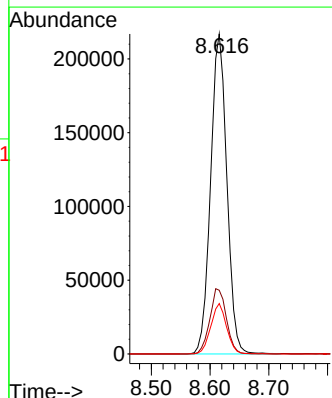
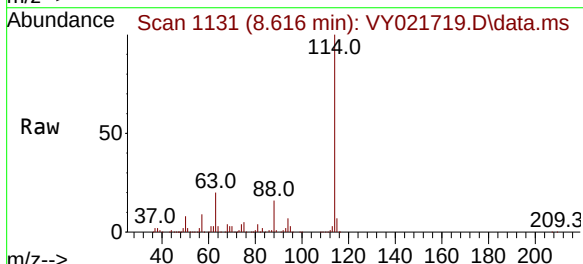
Tgt Ion: 114 Resp: 416437

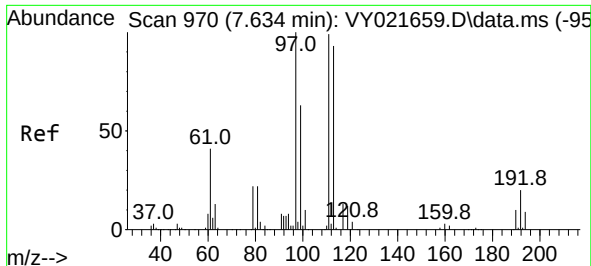
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.8 0.0 29.8

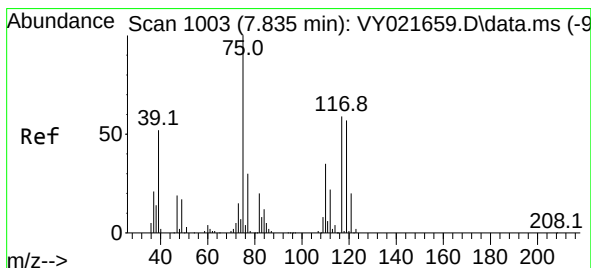
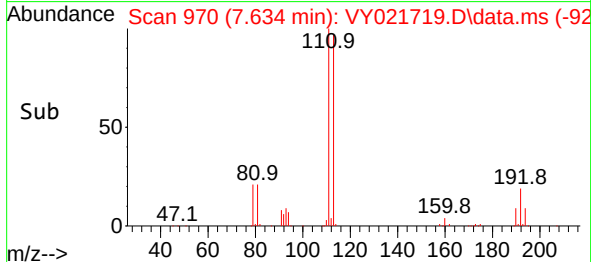
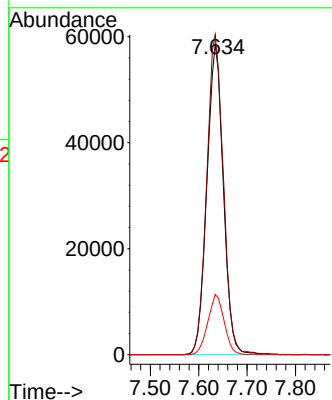
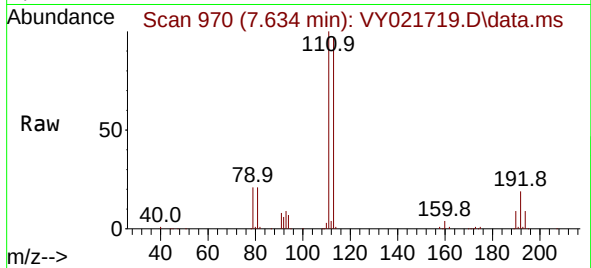




#35
Dibromofluoromethane
Concen: 51.166 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

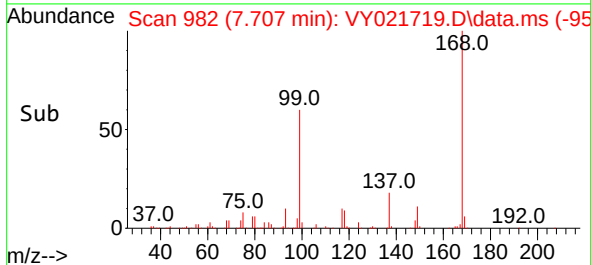
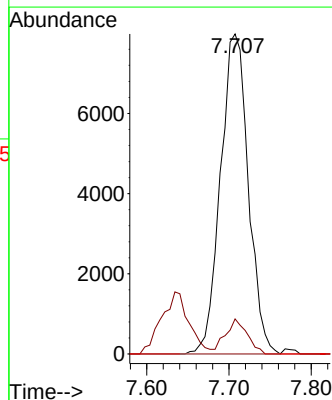
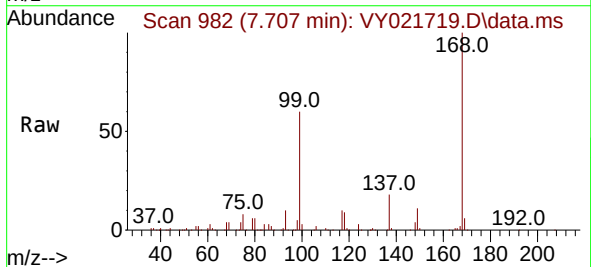
Instrument :
MSVOA_Y
ClientSampleId :
P5

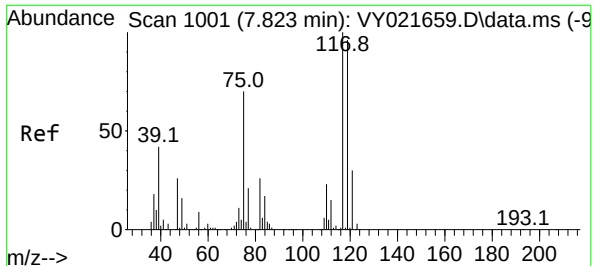
Tgt Ion:113 Resp: 138218
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 75 Resp: 18777
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.8 37.2#

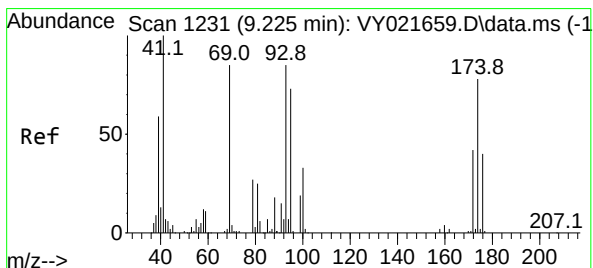
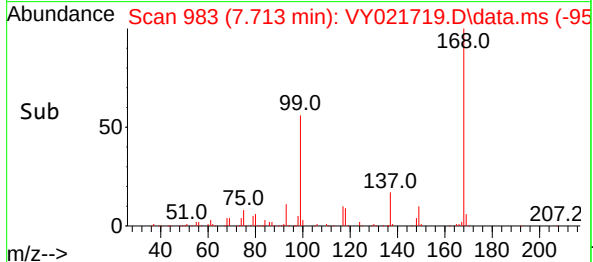
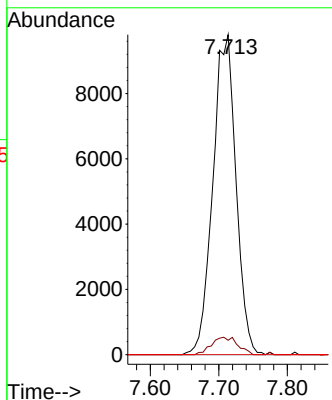
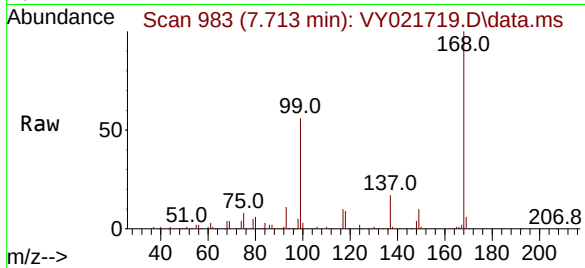




#38
Carbon Tetrachloride
Concen: 4.866 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

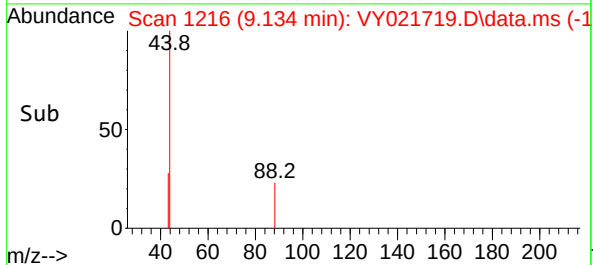
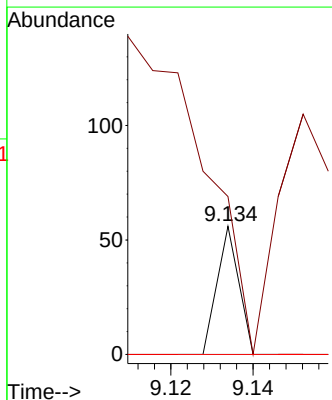
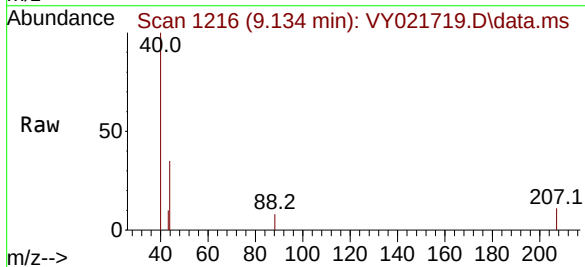
Instrument :
MSVOA_Y
ClientSampleId :
P5

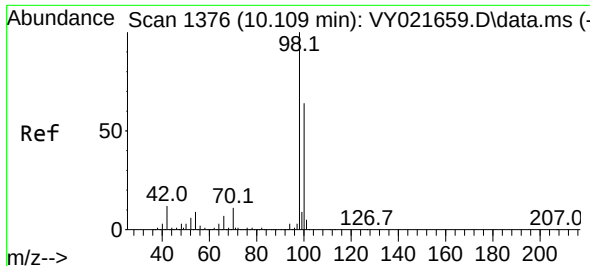
Tgt Ion:117 Resp: 22933
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 1.111 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. -0.091 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 570.0 28.8 43.2#
58 0.0 59.4 89.2#

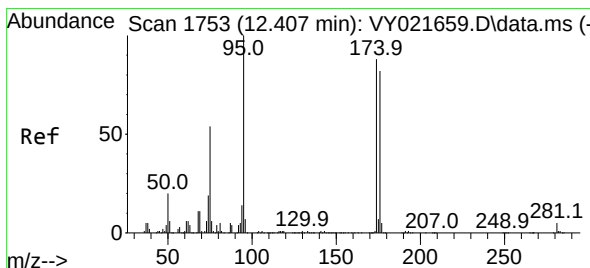
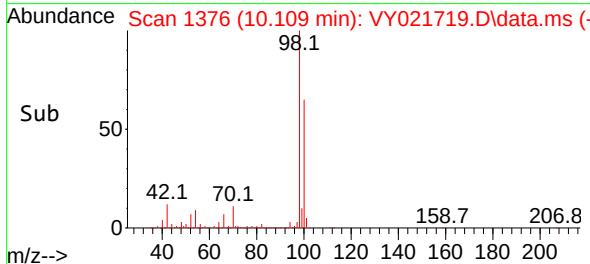
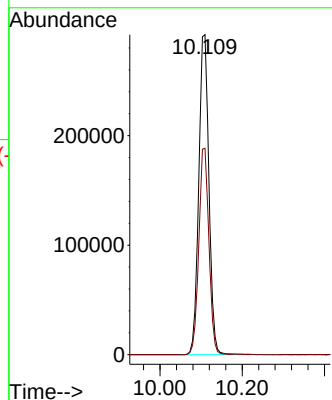
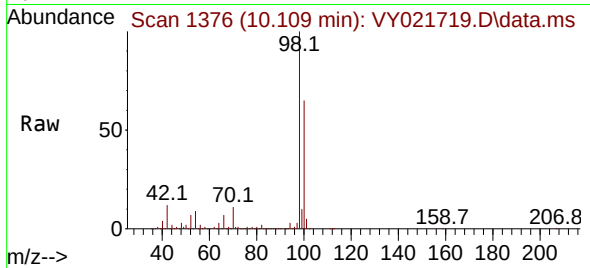




#50
Toluene-d8
Concen: 48.769 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

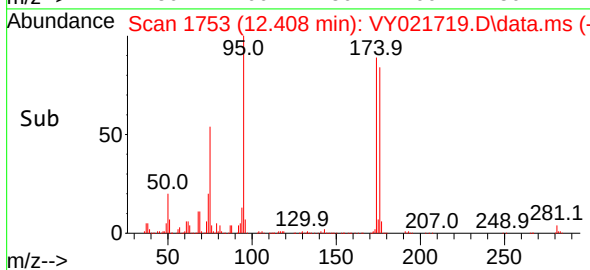
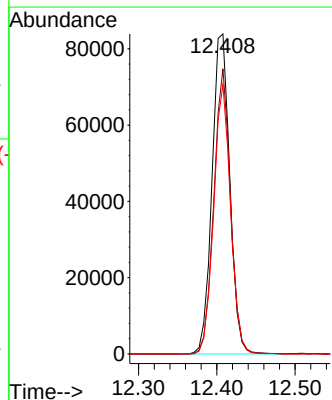
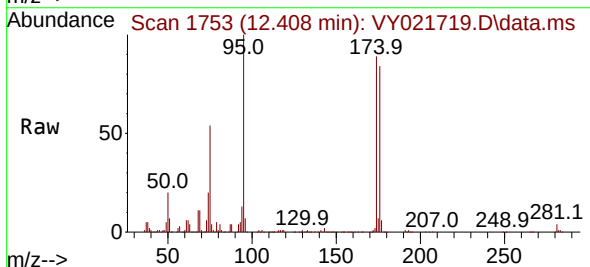
Instrument :
MSVOA_Y
ClientSampleId :
P5

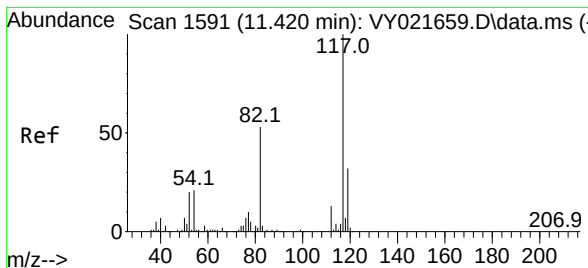
Tgt Ion: 98 Resp: 501186
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.918 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 95 Resp: 131805
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 79.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

P5

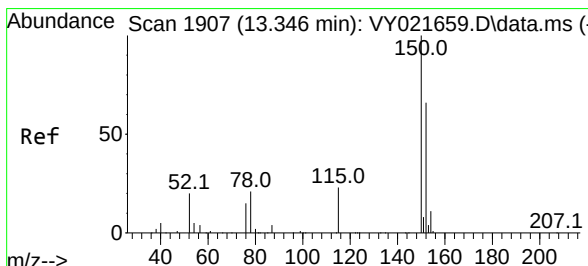
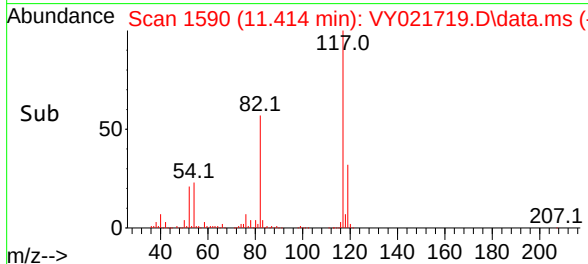
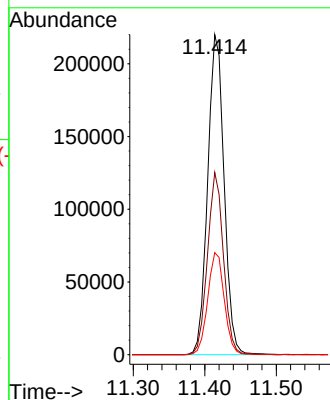
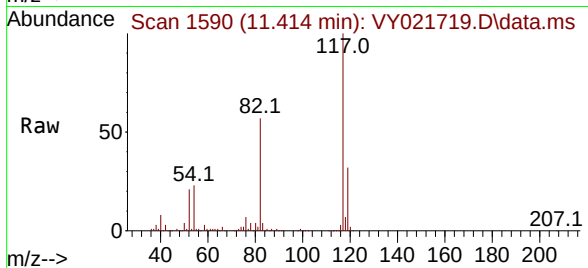
Tgt Ion:117 Resp: 350907

Ion Ratio Lower Upper

117 100

82 57.0 42.8 64.2

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: VY021719.D

Acq: 31 Mar 2025 15:01

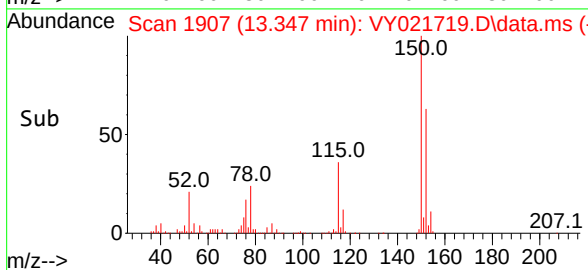
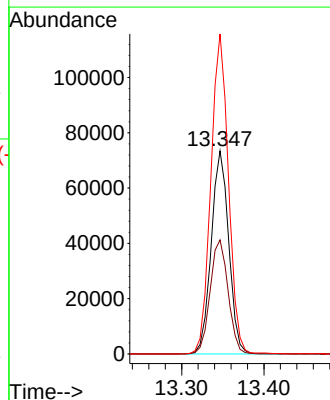
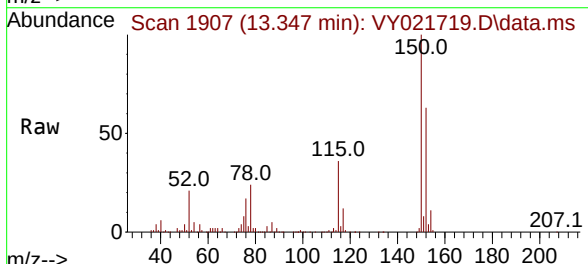
Tgt Ion:152 Resp: 108429

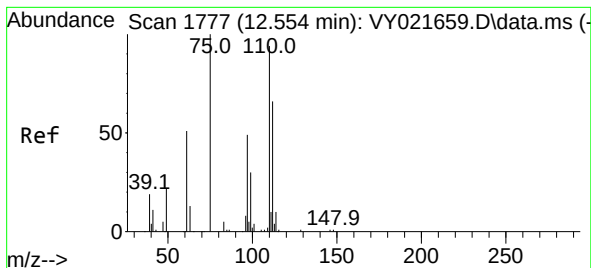
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.4 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 65.997 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

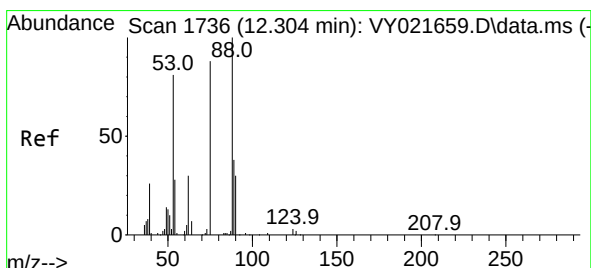
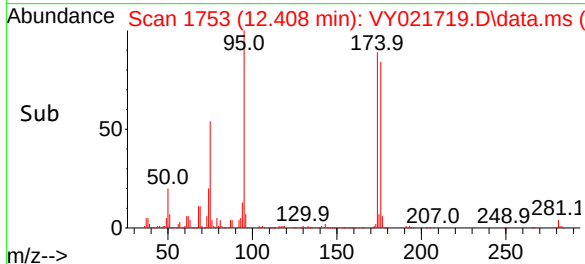
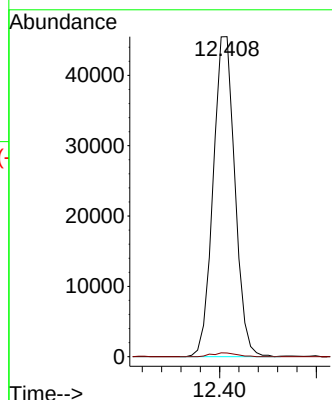
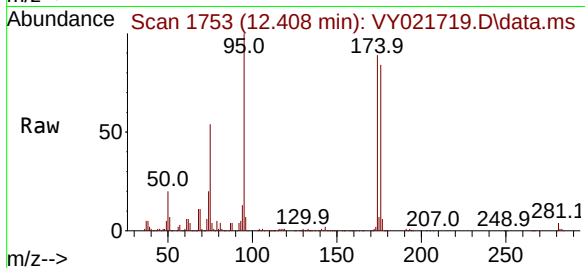
P5

Tgt Ion: 75 Resp: 70934

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.068 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Tgt Ion: 75 Resp: 70934

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.2 54.4#

