

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021866.D
 Acq On : 14 Apr 2025 10:21
 Operator : SY/MD
 Sample : VY0414SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 14 23:29:18 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)

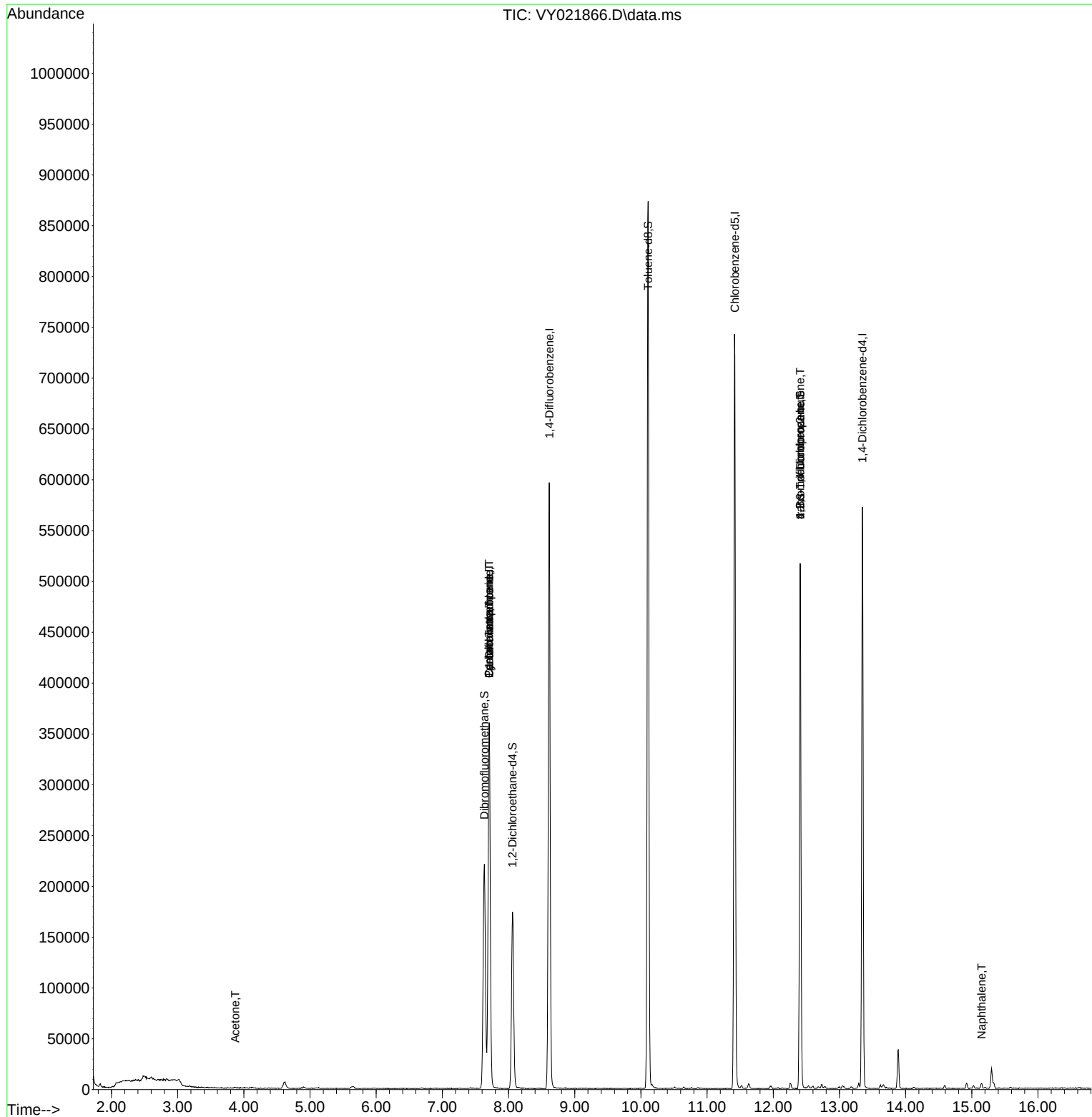
Internal Standards						
1) Pentafluorobenzene	7.707	168	274901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	484498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	394125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137282	46.091	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.180%		
35) Dibromofluoromethane	7.634	113	157160	50.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.020%		
50) Toluene-d8	10.109	98	559311	46.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.408	95	150895	37.311	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.620%		
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1036	1.700	ug/l #	89
20) Methylene Chloride	4.622	84	4463	Below Cal	#	77
31) Cyclohexane	7.707	56	6258	1.190	ug/l #	3
36) 1,1-Dichloropropene	7.707	75	21308	4.451	ug/l #	52
38) Carbon Tetrachloride	7.707	117	28071	5.120	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	79804	56.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	79804	129.825	ug/l #	12
95) Naphthalene	15.151	128	4059	1.033	ug/l	95

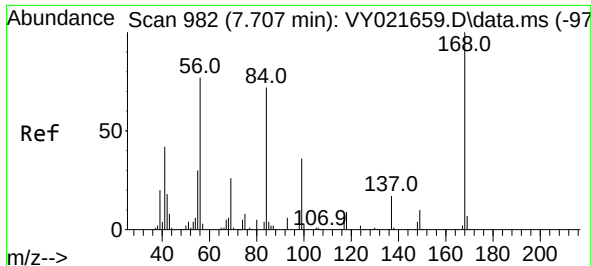
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
Data File : VY021866.D
Acq On : 14 Apr 2025 10:21
Operator : SY/MD
Sample : VY0414SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Quant Time: Apr 14 23:29:18 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

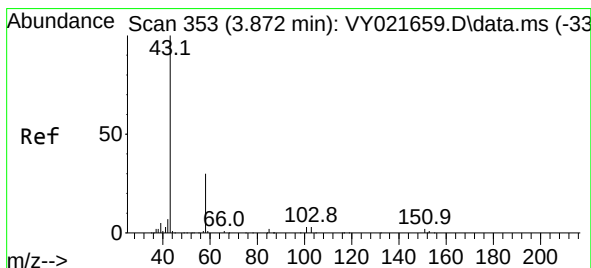
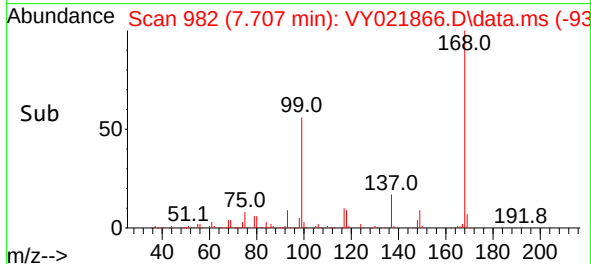
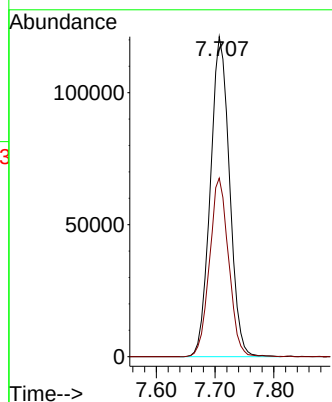
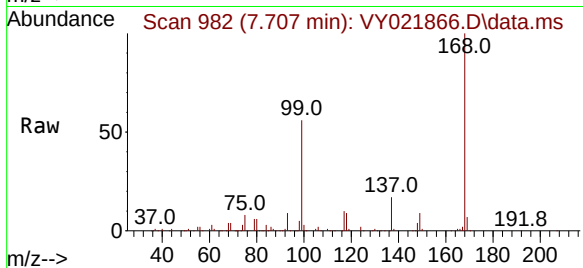




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

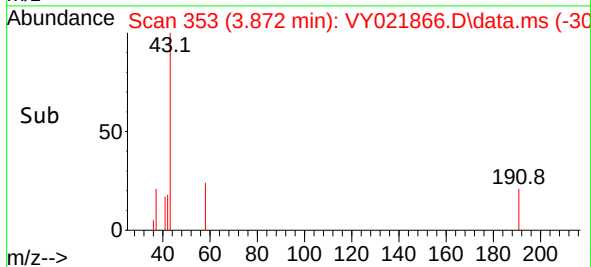
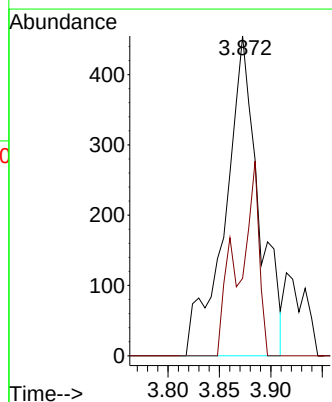
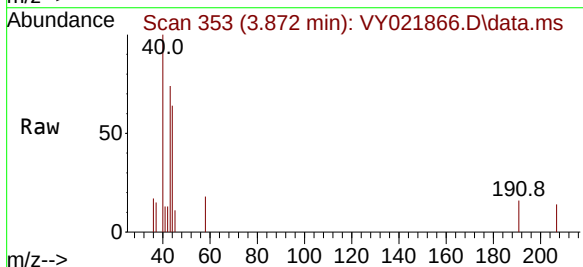
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

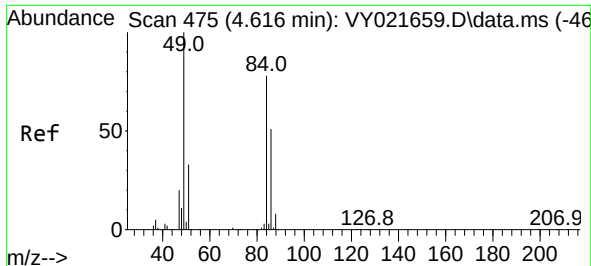
Tgt Ion:168 Resp: 274901
Ion Ratio Lower Upper
168 100
99 55.8 46.7 70.1



#16
Acetone
Concen: 1.700 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

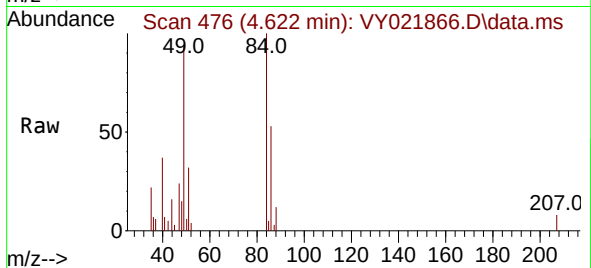
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 24.2 24.2 36.4#



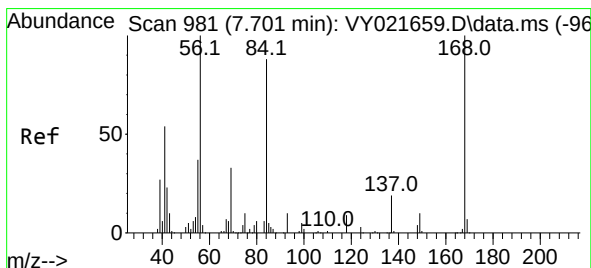
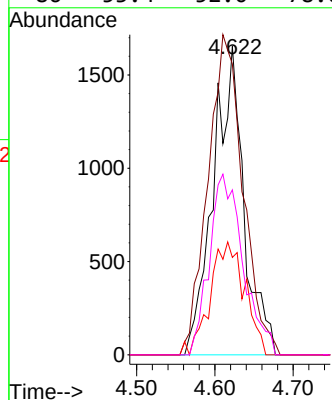
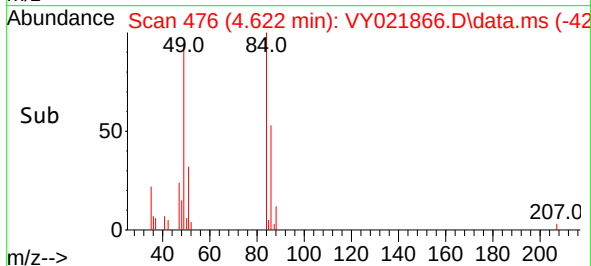


#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

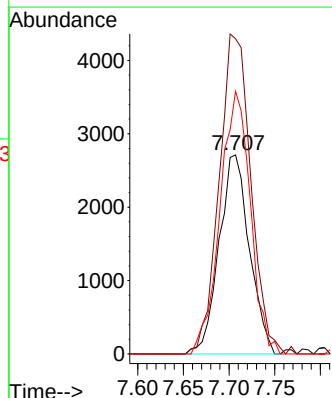
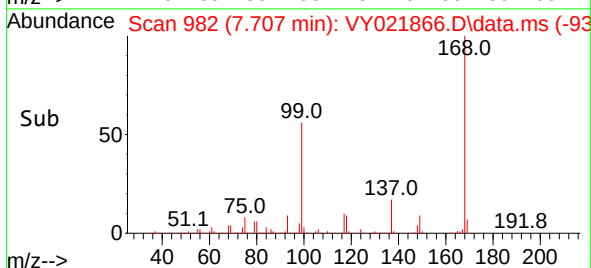
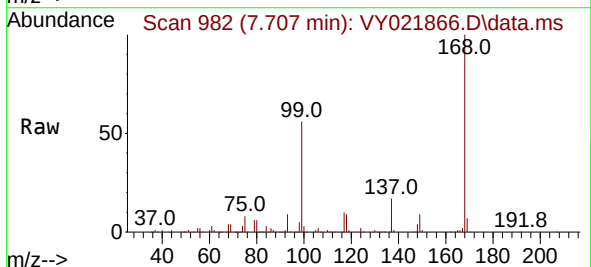


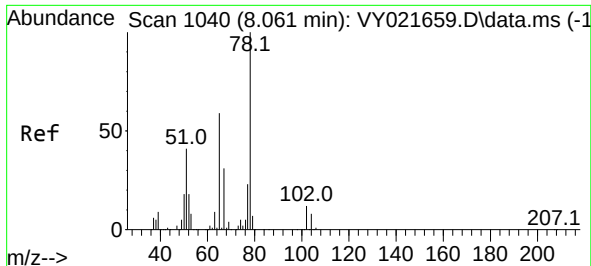
Tgt Ion: 84 Resp: 4463
Ion Ratio Lower Upper
84 100
49 94.3 102.8 154.2#
51 31.6 33.5 50.3#
86 53.4 52.0 78.0



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 56 Resp: 6258
Ion Ratio Lower Upper
56 100
69 158.4 26.6 40.0#
84 132.0 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 46.091 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021866.D

Acq: 14 Apr 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

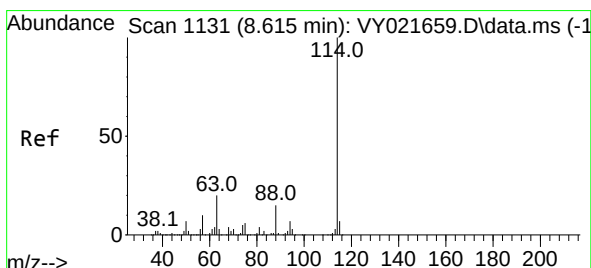
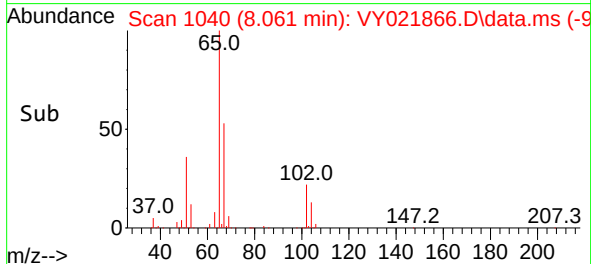
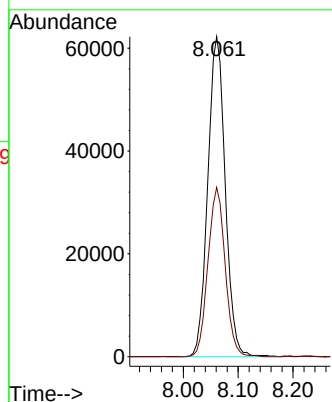
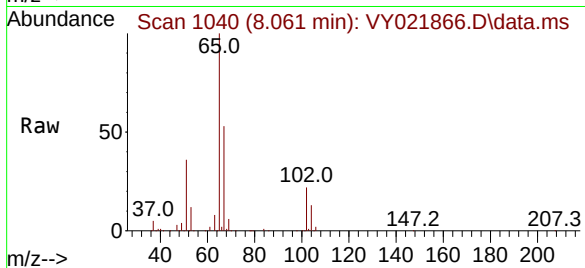
VY0414SBL01

Tgt Ion: 65 Resp: 137282

Ion Ratio Lower Upper

65 100

67 52.2 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: VY021866.D

Acq: 14 Apr 2025 10:21

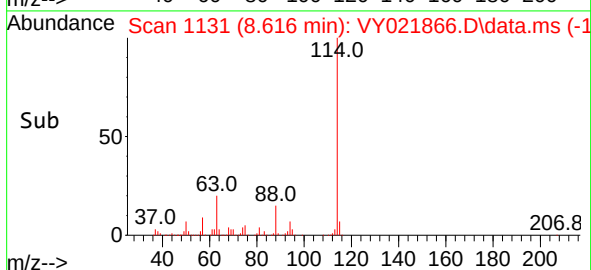
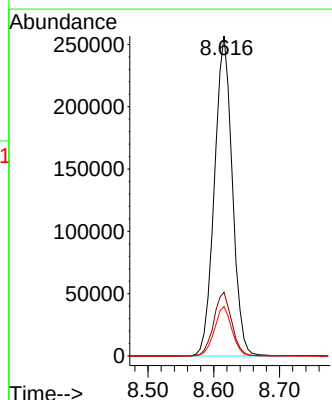
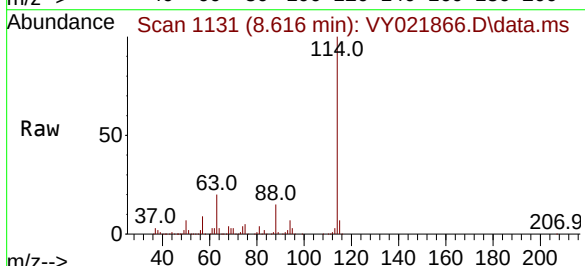
Tgt Ion: 114 Resp: 484498

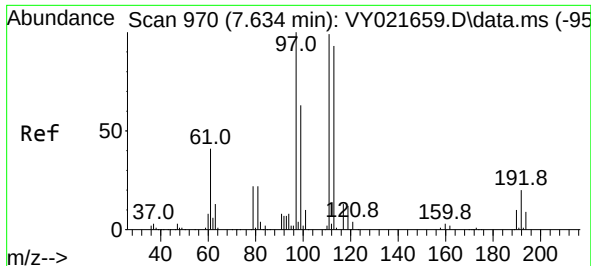
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.4 0.0 29.8

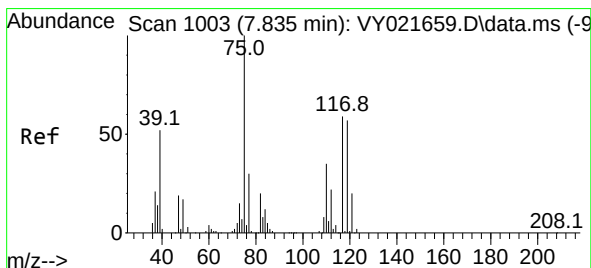
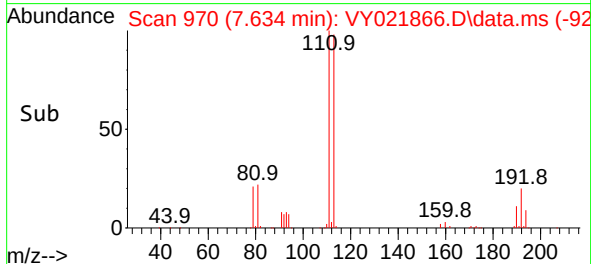
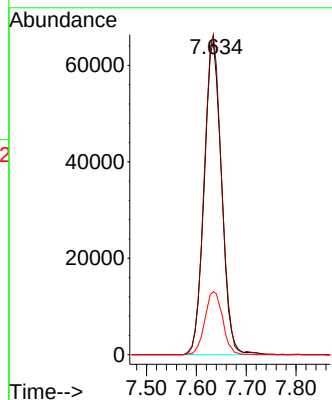
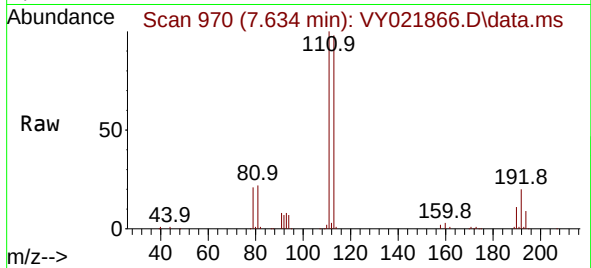




#35
Dibromofluoromethane
Concen: 50.005 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

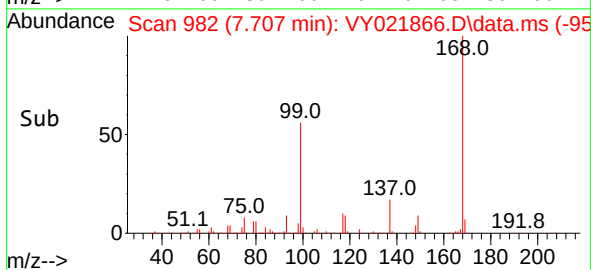
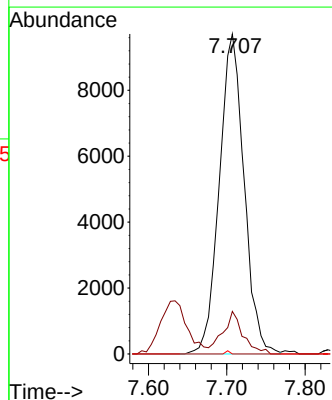
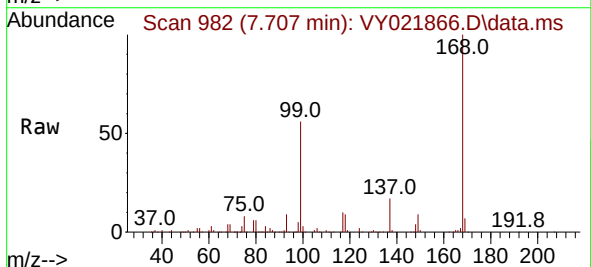
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

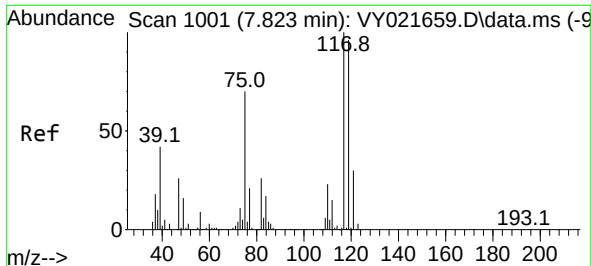
Tgt Ion:113 Resp: 157160
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 75 Resp: 21308
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.2 24.8 37.2#

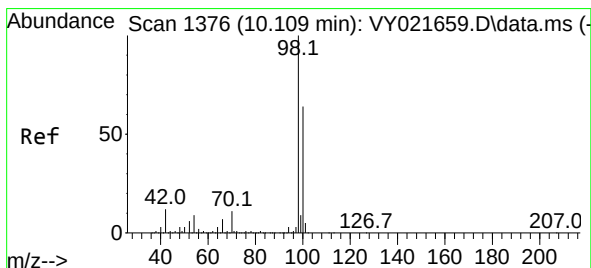
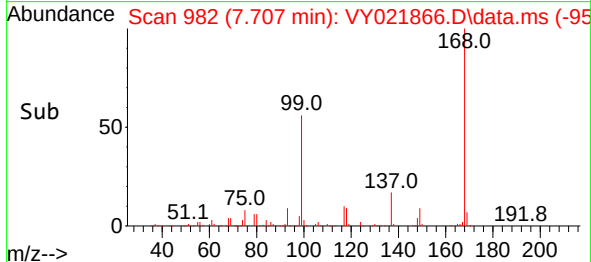
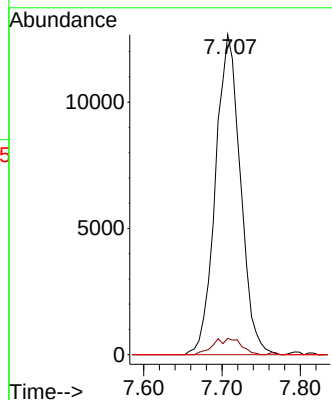
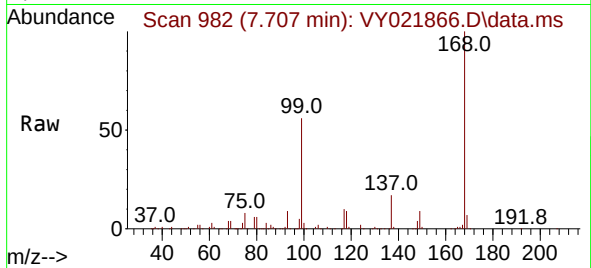




#38
Carbon Tetrachloride
Concen: 5.120 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

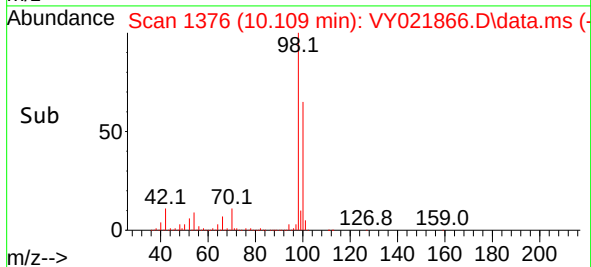
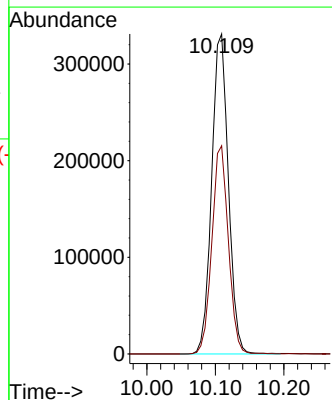
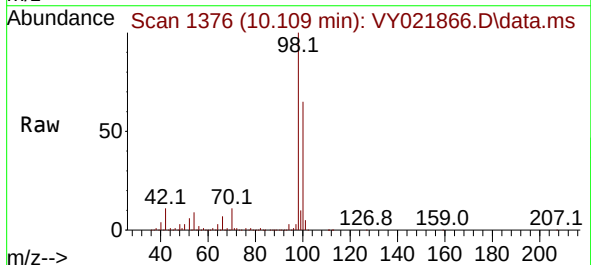
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

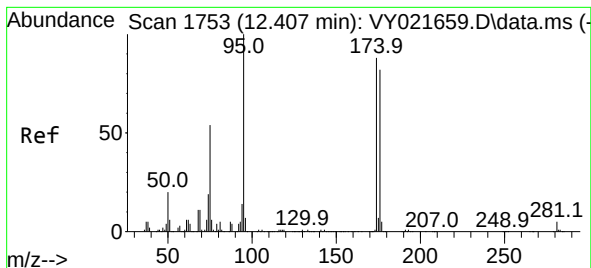
Tgt Ion:117 Resp: 28071
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 98 Resp: 559311
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

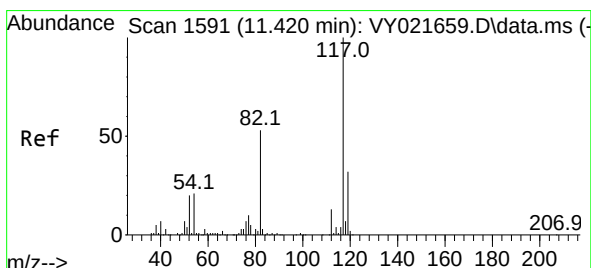
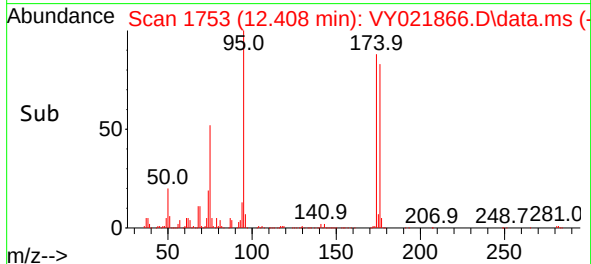
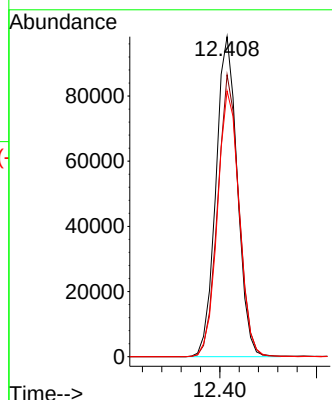
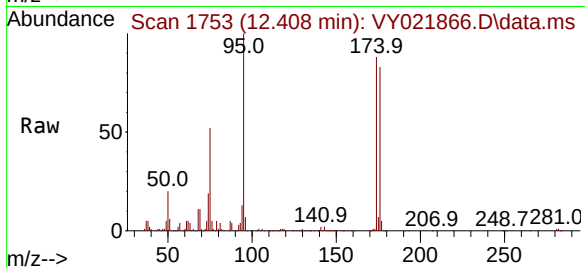




#62
4-Bromofluorobenzene
Concen: 37.311 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

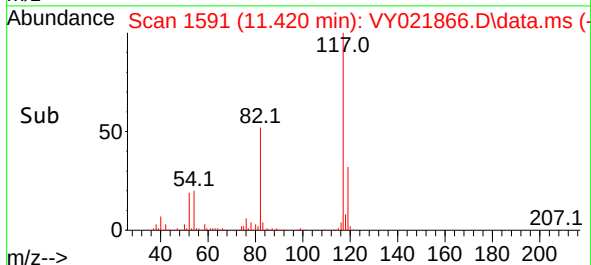
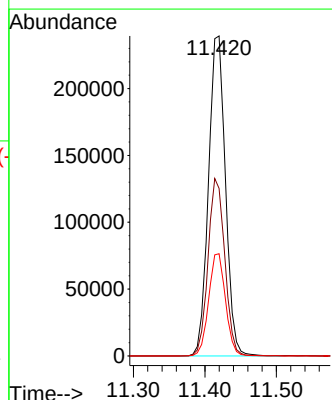
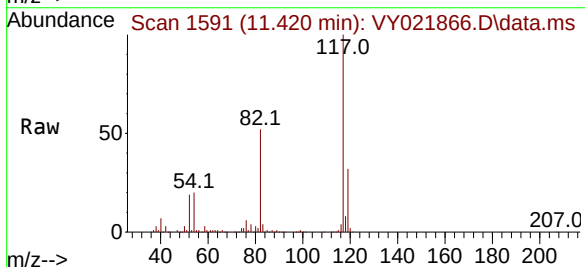
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

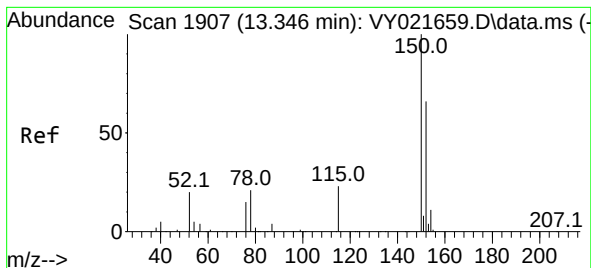
Tgt Ion: 95 Resp: 150895
Ion Ratio Lower Upper
95 100
174 87.4 0.0 170.8
176 84.4 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 117 Resp: 394125
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.0 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: VY021866.D

Acq: 14 Apr 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBL01

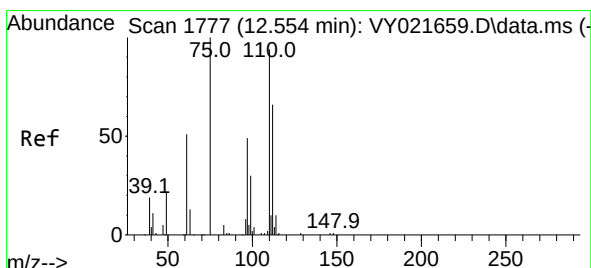
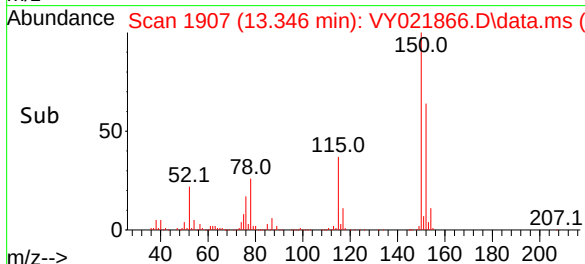
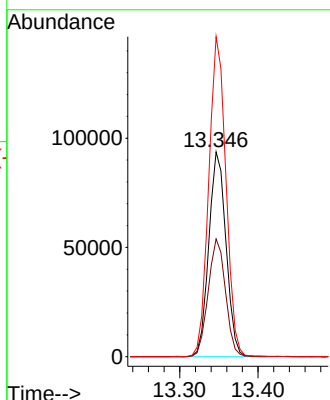
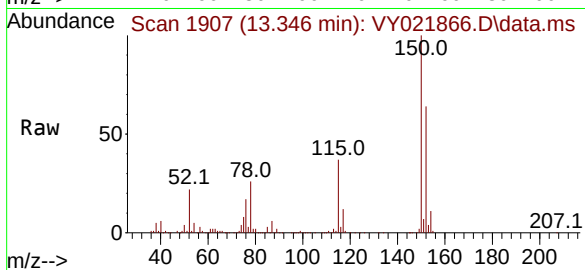
Tgt Ion:152 Resp: 142888

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 156.0 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 56.343 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021866.D

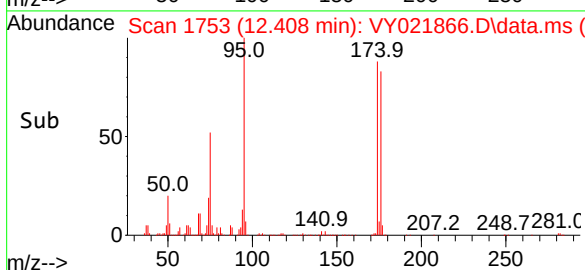
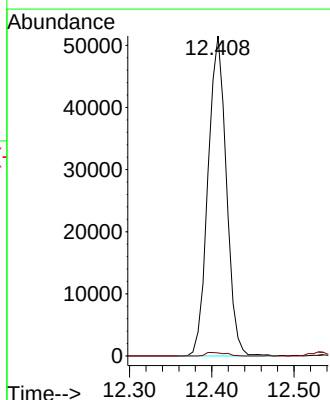
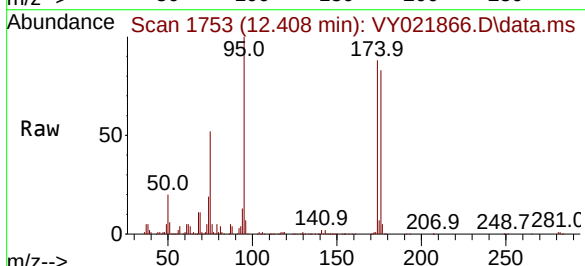
Acq: 14 Apr 2025 10:21

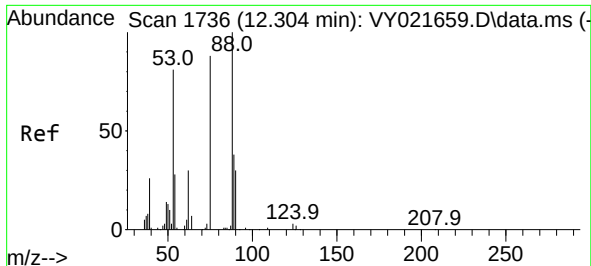
Tgt Ion: 75 Resp: 79804

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

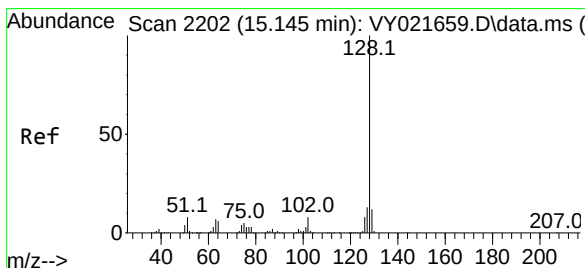
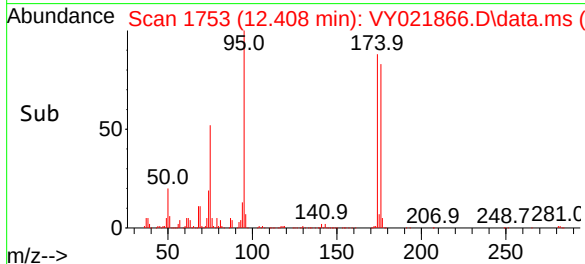
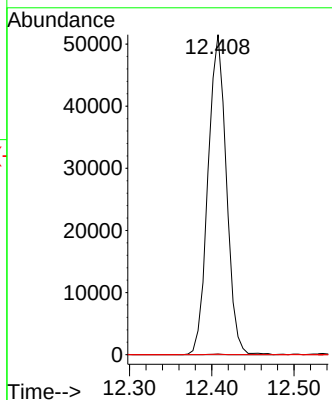
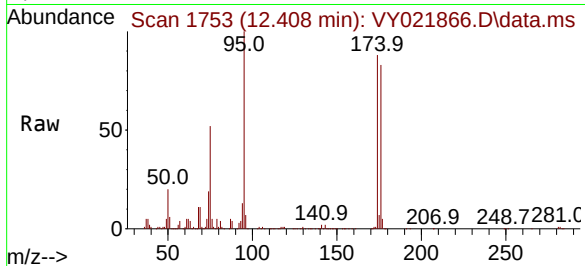




#81
trans-1,4-Dichloro-2-butene
Concen: 129.825 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tgt Ion: 75 Resp: 79804
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 1.033 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 128 Resp: 4059
Ion Ratio Lower Upper
128 100
127 16.2 10.8 16.2
129 12.1 8.8 13.2

