

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021936.D
 Acq On : 21 Apr 2025 09:42
 Operator : SY/MD
 Sample : VY0421SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBL01

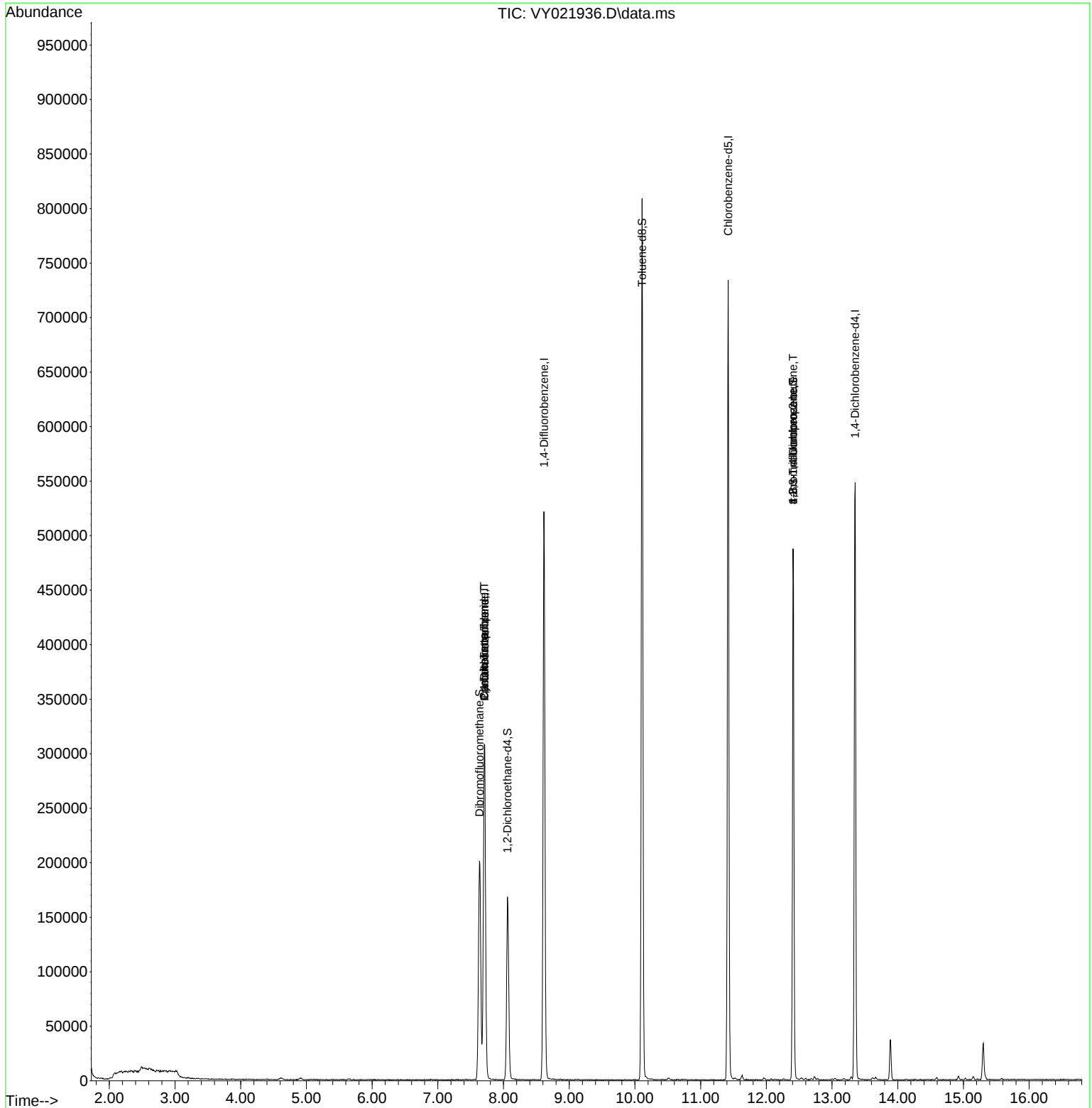
Quant Time: Apr 22 02:43:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

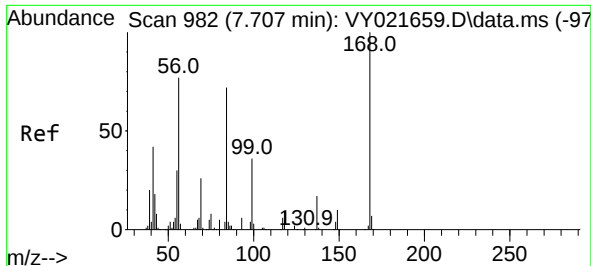
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	238181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	431702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	370399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	130238	50.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.634	113	145598	51.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.109	98	509819	47.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.407	95	144494	40.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.200%	
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	1086	Below Cal	#	69
31) Cyclohexane	7.707	56	5387	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19259	4.515	ug/l #	50
38) Carbon Tetrachloride	7.707	117	23828	4.877	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	75573	54.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	75573	124.719	ug/l #	11

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

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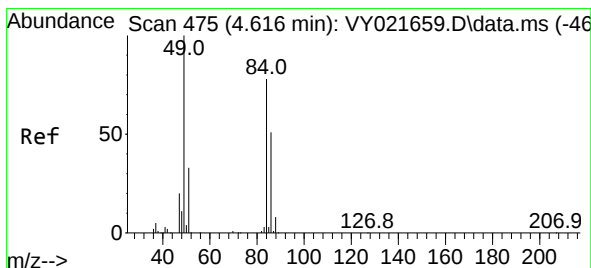
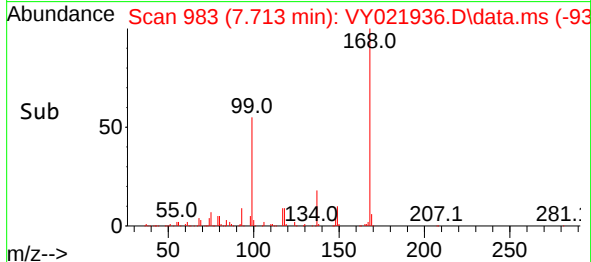
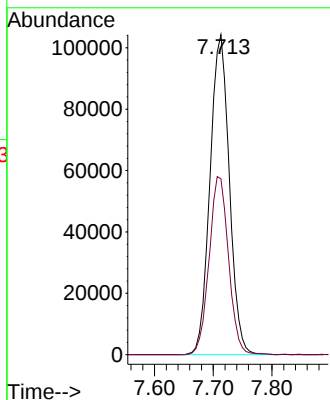
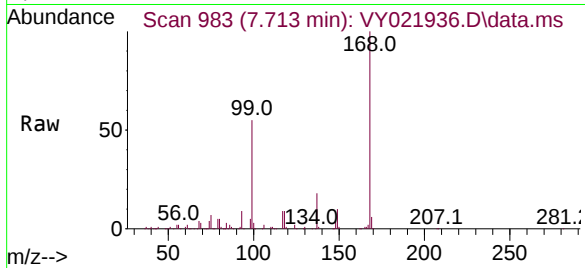




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

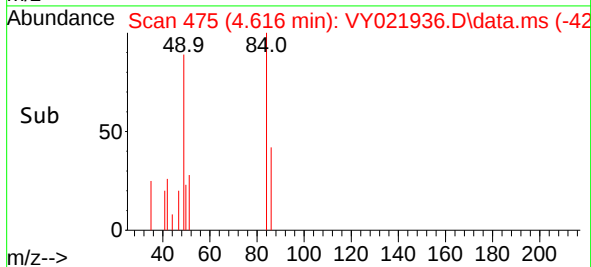
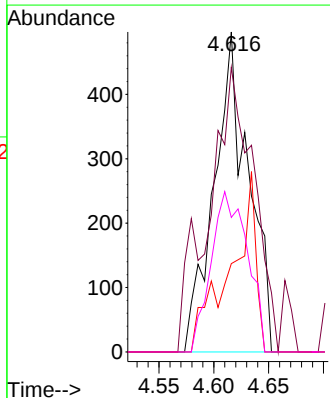
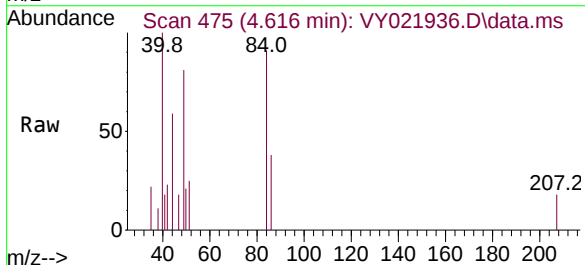
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

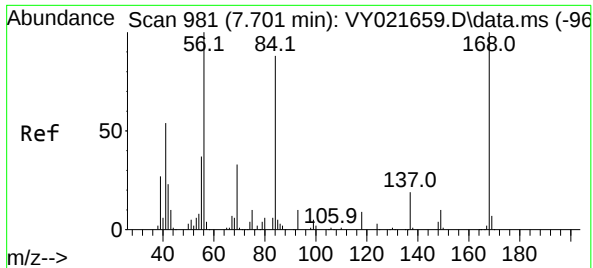
Tgt Ion:168 Resp: 238181
Ion Ratio Lower Upper
168 100
99 54.9 46.7 70.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 84 Resp: 1086
Ion Ratio Lower Upper
84 100
49 88.9 102.8 154.2#
51 27.6 33.5 50.3#
86 42.1 52.0 78.0#

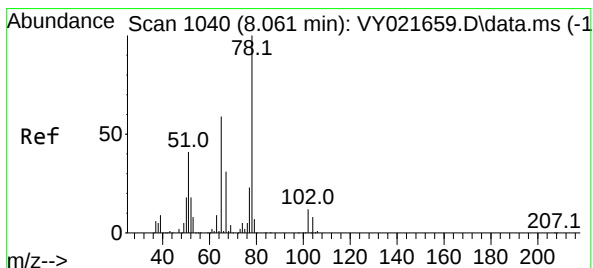
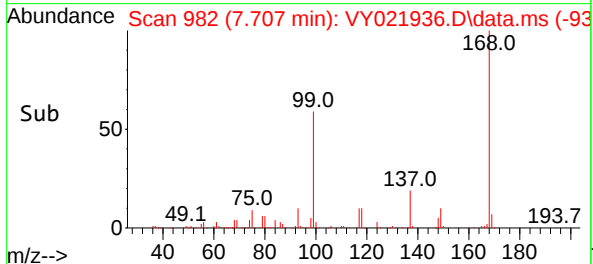
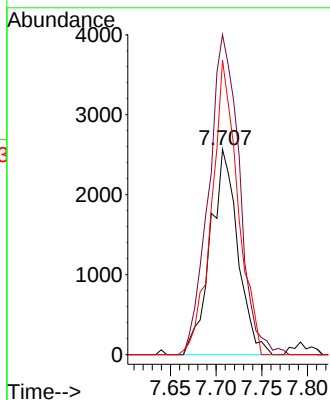
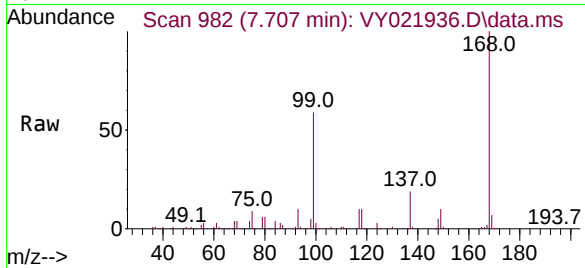




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

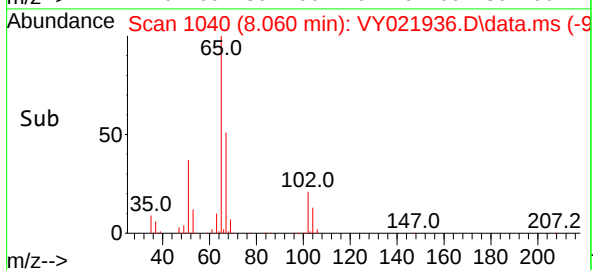
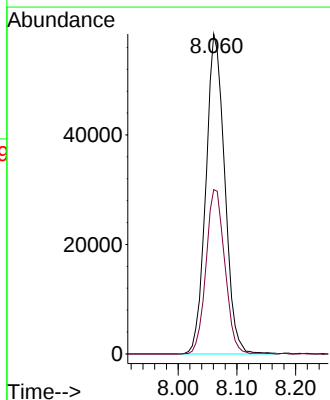
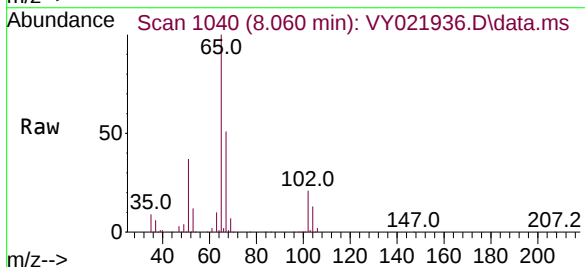
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

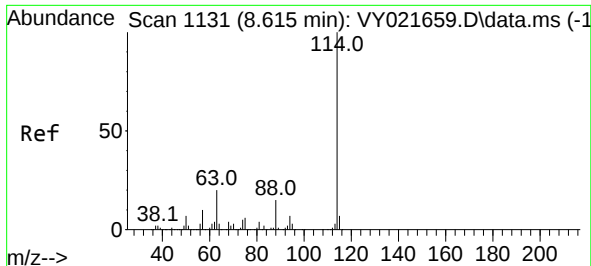
Tgt Ion: 56 Resp: 5387
Ion Ratio Lower Upper
56 100
69 155.9 26.6 40.0#
84 143.4 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 50.468 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 65 Resp: 130238
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

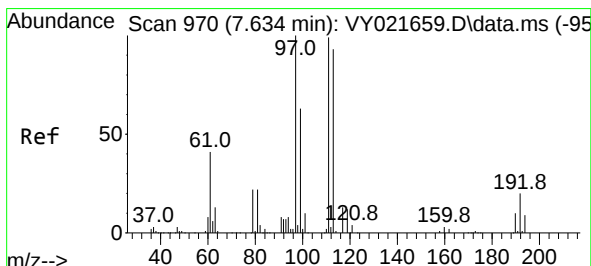
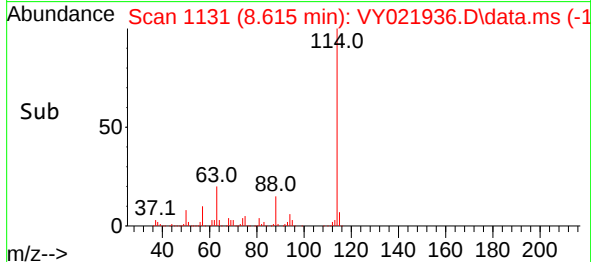
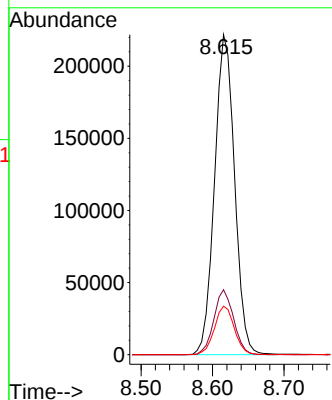
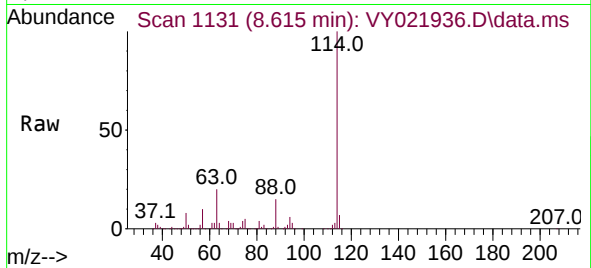




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

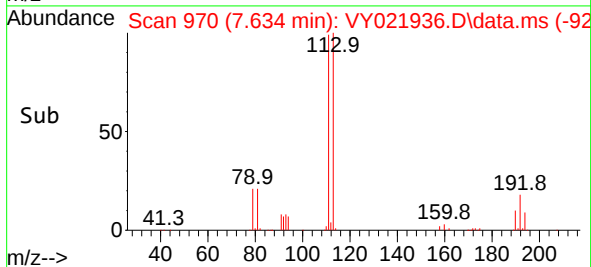
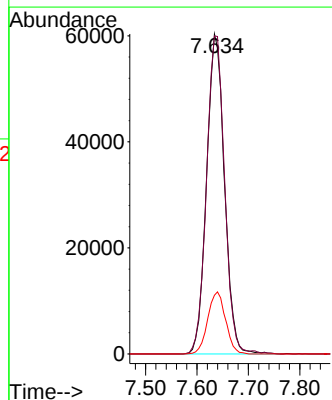
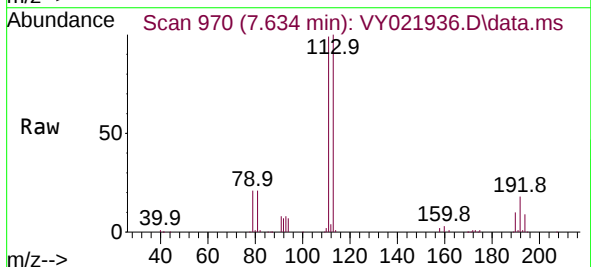
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

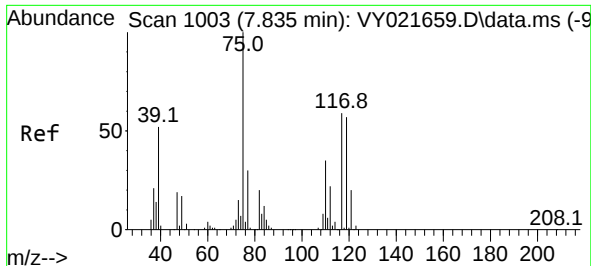
Tgt Ion:114 Resp: 431702
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.992 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion:113 Resp: 145598
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 19.4 16.2 24.4

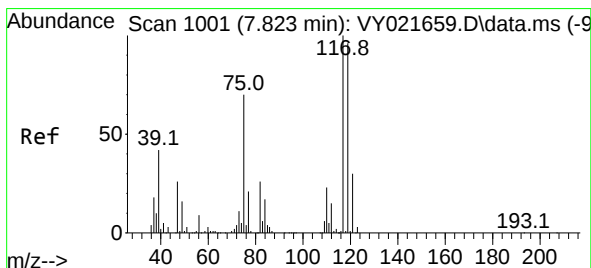
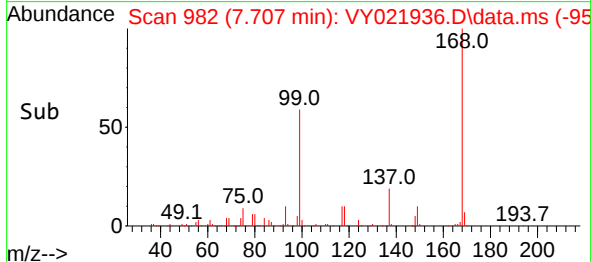
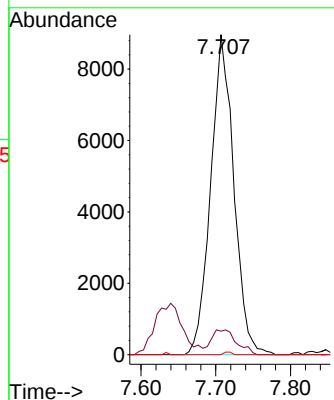
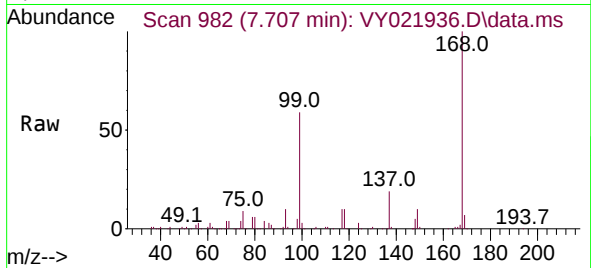




#36
1,1-Dichloropropene
Concen: 4.515 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

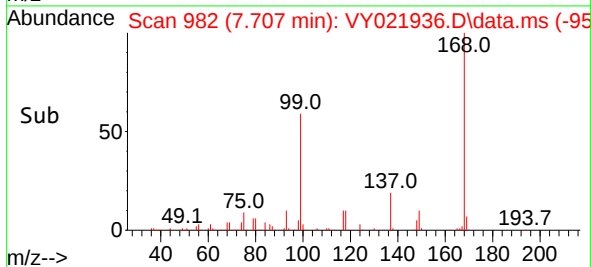
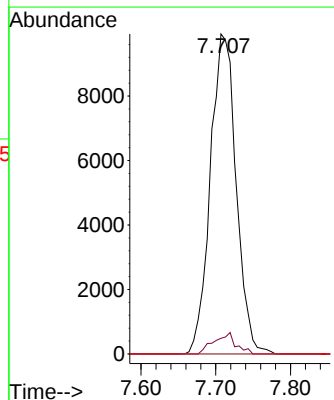
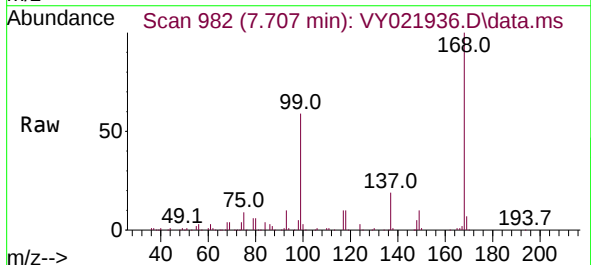
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

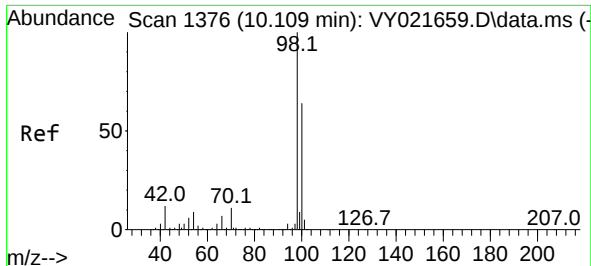
Tgt Ion: 75 Resp: 19259
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.3 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.877 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 117 Resp: 23828
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.2 36.4#

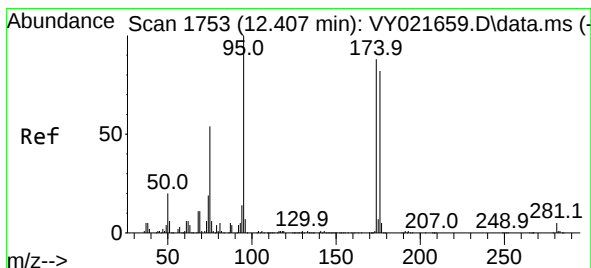
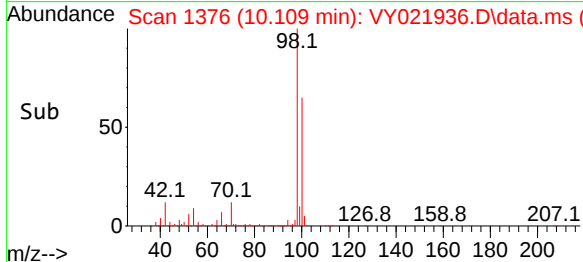
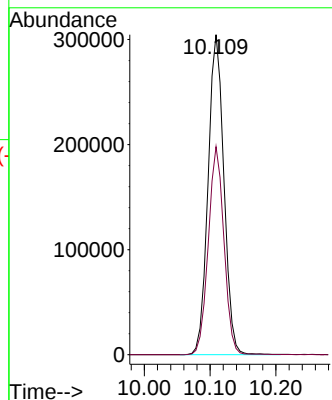
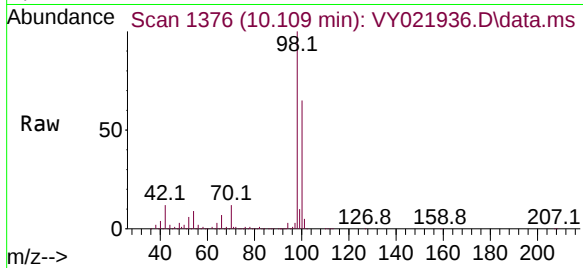




#50
Toluene-d8
Concen: 47.855 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

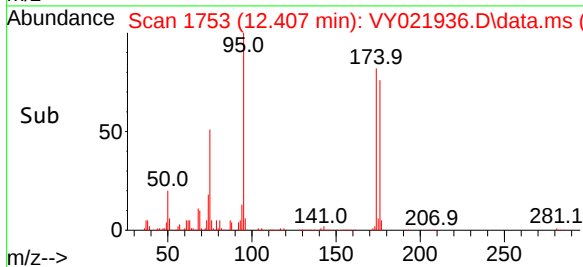
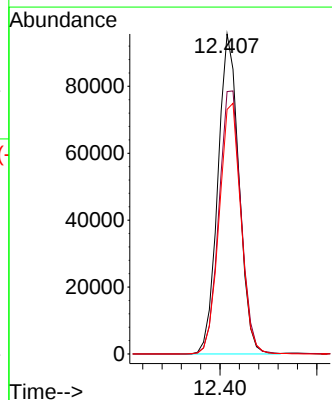
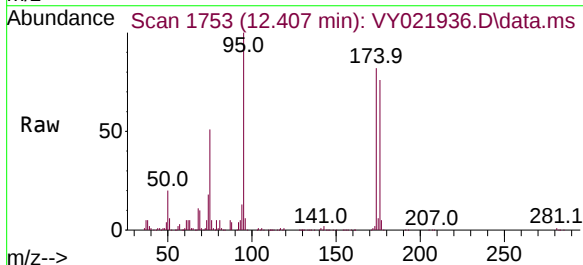
Instrument :
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VY0421SBL01

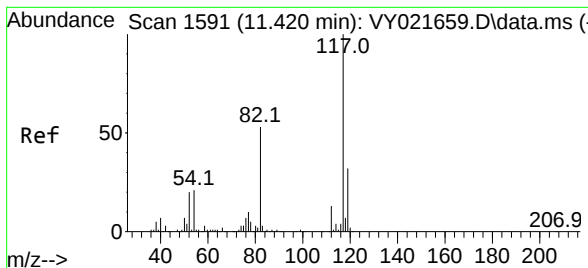
Tgt Ion: 98 Resp: 509819
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 95 Resp: 144494
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.8
176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021936.D

Acq: 21 Apr 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBL01

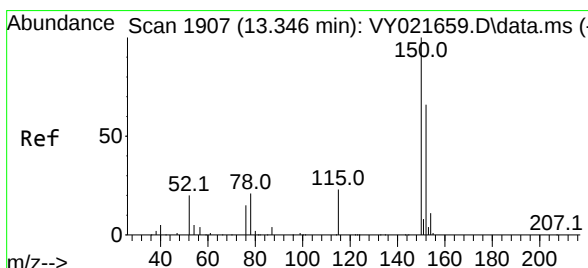
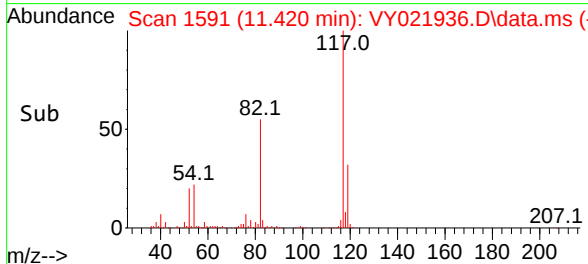
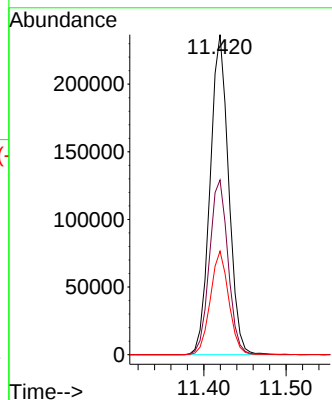
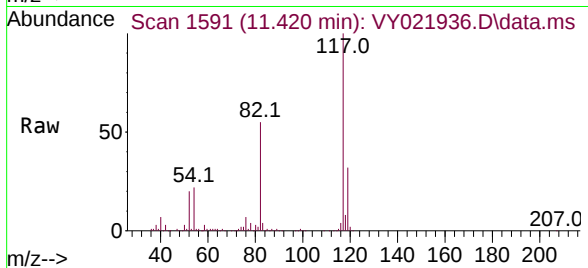
Tgt Ion:117 Resp: 370399

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021936.D

Acq: 21 Apr 2025 09:42

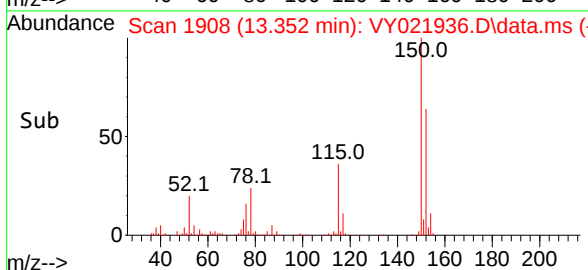
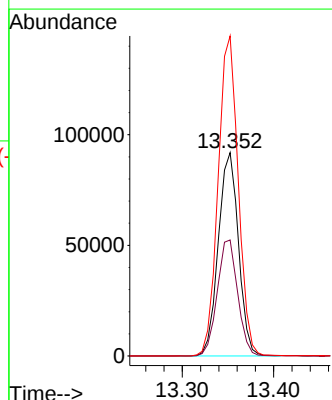
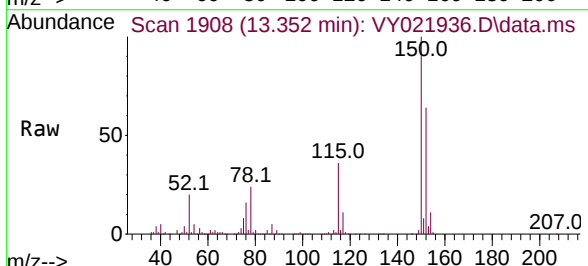
Tgt Ion:152 Resp: 140852

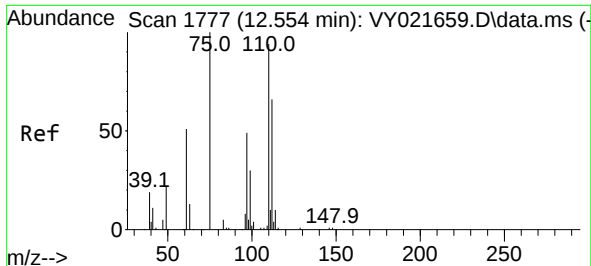
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.0 0.0 348.4

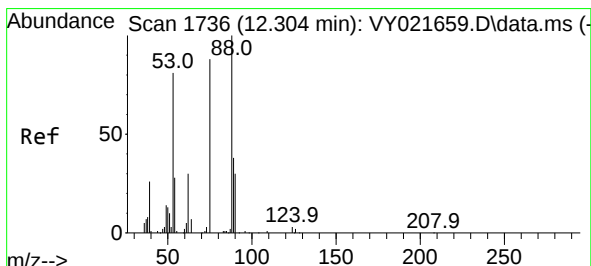
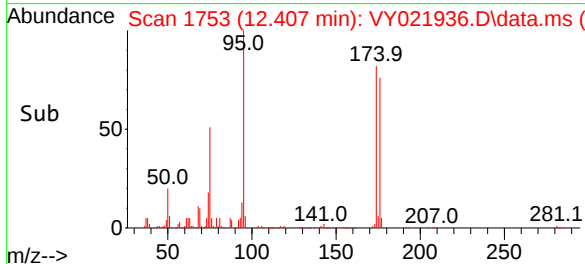
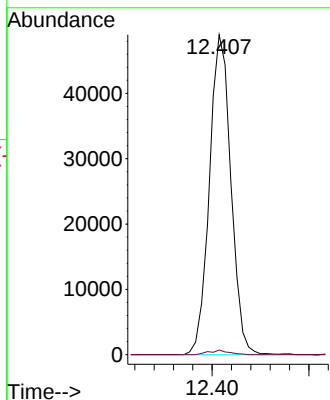
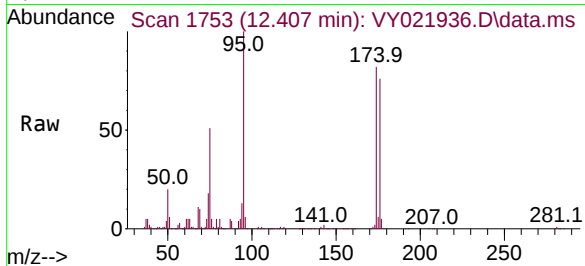




#76
1,2,3-Trichloropropane
Concen: 54.127 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion: 75 Resp: 75573
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.719 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 75 Resp: 75573
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

